

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087719.D
 Acq On : 5 Jun 2016 20:52
 Operator : UM/SJ
 Sample : H3379-04MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Quant Time: Jun 06 03:10:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119294	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	483206	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	231719	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	414116	20.00	ng	0.00
75) Chrysene-d12	14.02	240	285585	20.00	ng	0.00
86) Perylene-d12	15.44	264	244965	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1039783	140.88	ng	0.02
7) Phenol-d6	6.50	99	1257477	135.85	ng	0.01
23) Nitrobenzene-d5	7.43	82	785377	94.04	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	312759	134.46	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1378603	94.93	ng	0.00
78) Terphenyl-d14	12.97	244	1038429	88.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	134257	37.63	ng	# 30
3) Pyridine	3.28	79	411498	43.66	ng	98
4) n-Nitrosodimethylamine	3.23	42	184055	46.23	ng	96
6) Aniline	6.52	93	357091	27.22	ng	99
8) 2-Chlorophenol	6.65	128	429766	50.60	ng	89
9) Benzaldehyde	6.40	77	27230	4.35	ng	88
10) Phenol	6.51	94	552522	52.42	ng	88
11) bis(2-Chloroethyl)ether	6.60	93	396008	51.71	ng	90
12) 1,3-Dichlorobenzene	6.80	146	381313	41.93	ng	99
13) 1,4-Dichlorobenzene	6.88	146	410086	44.94	ng	100
14) 1,2-Dichlorobenzene	7.04	146	368141	43.04	ng	99
15) Benzyl Alcohol	7.00	79	309832	45.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	518104	46.39	ng	97
17) 2-Methylphenol	7.12	107	319604	46.87	ng	99
18) Hexachloroethane	7.38	117	150182	47.07	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	288581	49.92	ng	# 88
20) 3+4-Methylphenols	7.28	107	412488	49.37	ng	# 80
22) Acetophenone	7.28	105	500120	45.70	ng	# 89
24) Nitrobenzene	7.45	77	454274	54.35	ng	95
25) Isophorone	7.69	82	747520	49.16	ng	99
26) 2-Nitrophenol	7.76	139	213027	54.85	ng	97
27) 2,4-Dimethylphenol	7.80	122	374954	46.58	ng	95
28) bis(2-Chloroethoxy)methane	7.91	93	490817	50.89	ng	98
29) 2,4-Dichlorophenol	8.01	162	343917	52.02	ng	89
30) 1,2,4-Trichlorobenzene	8.09	180	340827	49.24	ng	99
31) Naphthalene	8.17	128	1126390	47.94	ng	100
32) Benzoic acid	7.87	122	30920	6.37	ng	97
33) 4-Chloroaniline	8.22	127	198506	19.45	ng	97
34) Hexachlorobutadiene	8.30	225	170383	47.34	ng	99
35) Caprolactam	8.60	113	71986	33.15	ng	88
36) 4-Chloro-3-methylphenol	8.71	107	364263	53.27	ng	96
37) 2-Methylnaphthalene	8.87	142	761928	49.11	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	281436	44.07	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	290432	77.32	ng	98

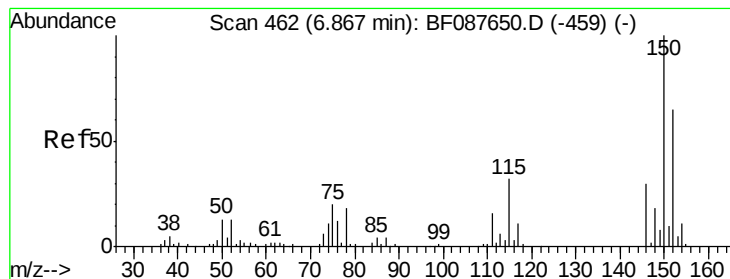
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	260229	53.96	ng	98
43) 2,4,5-Trichlorophenol	9.19	196	225580	50.26	ng	96
45) 1,1'-Biphenyl	9.32	154	816000	43.39	ng	100
46) 2-Chloronaphthalene	9.35	162	656495	43.85	ng	100
47) 2-Nitroaniline	9.45	65	239502	56.82	ng	# 70
48) Acenaphthylene	9.77	152	1174926	50.33	ng	99
49) Dimethylphthalate	9.63	163	862639	51.21	ng	99
50) 2,6-Dinitrotoluene	9.69	165	182070	47.50	ng	# 67
51) Acenaphthene	9.94	154	724885	48.26	ng	99
52) 3-Nitroaniline	9.86	138	139288	31.77	ng	# 66
53) 2,4-Dinitrophenol	9.95	184	86174	51.02	ng	# 84
54) Dibenzofuran	10.11	168	1038066	50.76	ng	94
55) 4-Nitrophenol	10.02	139	317203	84.66	ng	91
56) 2,4-Dinitrotoluene	10.09	165	228208	46.76	ng	# 63
57) Fluorene	10.46	166	753927	47.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	195906	50.67	ng	# 53
59) Diethylphthalate	10.33	149	754922	44.62	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	296953	51.09	ng	98
61) 4-Nitroaniline	10.48	138	214778	50.96	ng	94
62) Azobenzene	10.60	77	814447	47.83	ng	98
64) 4,6-Dinitro-2-methylphenol	10.50	198	113565	49.28	ng	# 58
65) n-Nitrosodiphenylamine	10.57	169	728504	53.71	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	212925	51.85	ng	97
67) Hexachlorobenzene	10.99	284	213177	46.42	ng	97
68) Atrazine	11.10	200	211482	52.64	ng	94
69) Pentachlorophenol	11.19	266	223055	81.75	ng	97
70) Phenanthrene	11.42	178	1074830	47.87	ng	99
71) Anthracene	11.46	178	1001179	44.50	ng	100
72) Carbazole	11.61	167	1065888	50.05	ng	100
73) Di-n-butylphthalate	11.95	149	1168910	51.19	ng	100
74) Fluoranthene	12.59	202	993131	44.95	ng	99
76) Benzidine	12.72	184	202398	17.97	ng	98
77) Pyrene	12.82	202	1027462	50.52	ng	99
79) Butylbenzylphthalate	13.45	149	518326	59.89	ng	97
80) Benzo(a)anthracene	14.01	228	760998	46.17	ng	100
81) 3,3'-Dichlorobenzidine	13.98	252	166015	35.70	ng	100
82) Chrysene	14.05	228	781518	47.64	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	588716	57.16	ng	# 98
84) Di-n-octyl phthalate	14.62	149	1003807	52.42	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.85	276	756831	55.81	ng	# 100
87) Benzo(b)fluoranthene	15.04	252	780898	49.00	ng	99
88) Benzo(k)fluoranthene	15.04	252	780898	58.90	ng	# 96
89) Benzo(a)pyrene	15.38	252	686300	51.23	ng	99
90) Dibenzo(a,h)anthracene	16.87	278	625574	54.88	ng	97
91) Benzo(g,h,i)perylene	17.27	276	639593	55.61	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

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SB-2MS

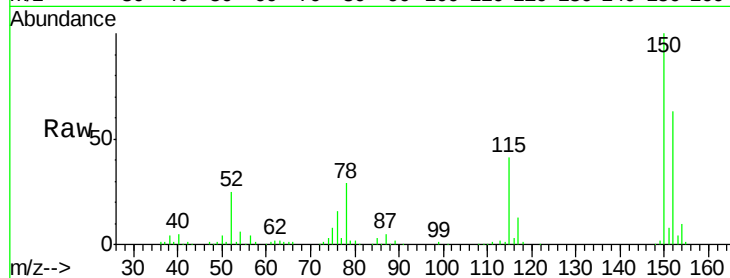
Tgt Ion:152 Resp: 119294

Ion Ratio Lower Upper

152 100

150 158.3 123.8 185.6

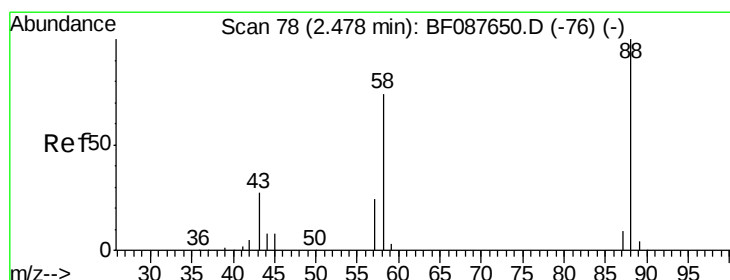
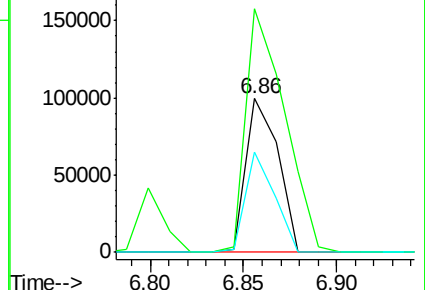
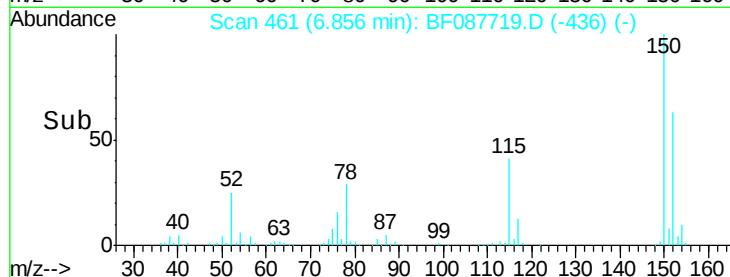
115 65.5 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.63 ng

RT: 2.56 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

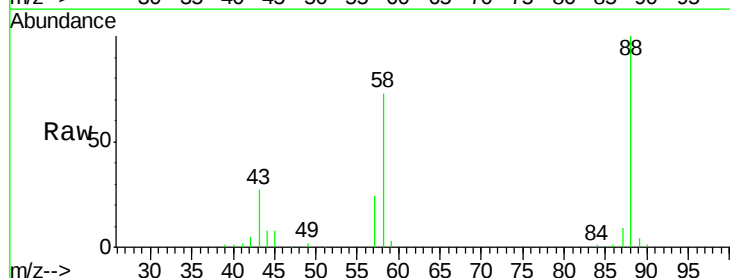
Tgt Ion: 88 Resp: 134257

Ion Ratio Lower Upper

88 100

58 76.5 0.0 0.0#

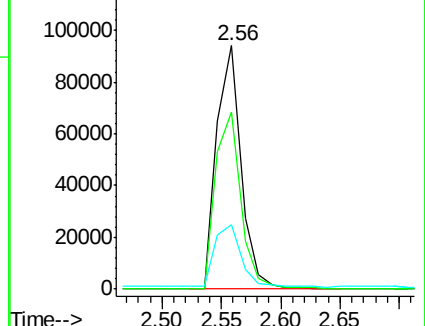
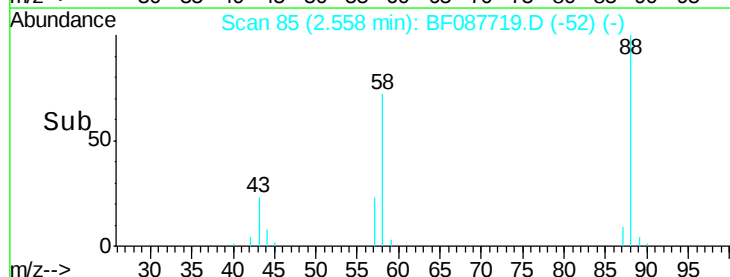
43 27.4 3.4 5.2#

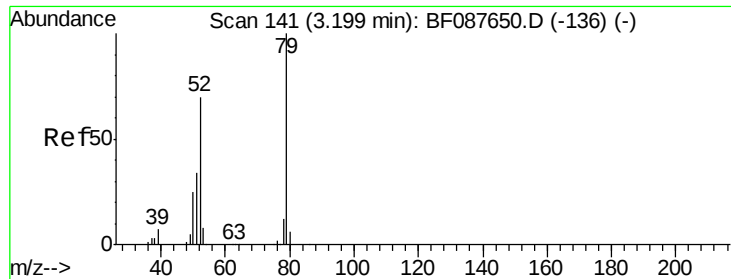


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.66 ng

RT: 3.28 min Scan# 148

Delta R.T. 0.08 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

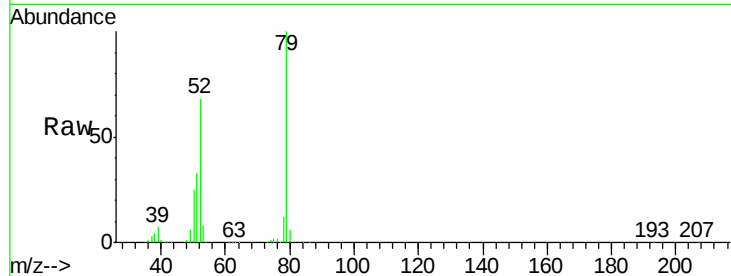
Tgt Ion: 79 Resp: 411498

Ion Ratio Lower Upper

79 100

52 68.3 56.3 84.5

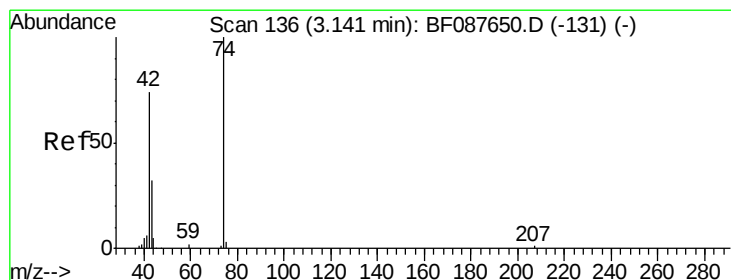
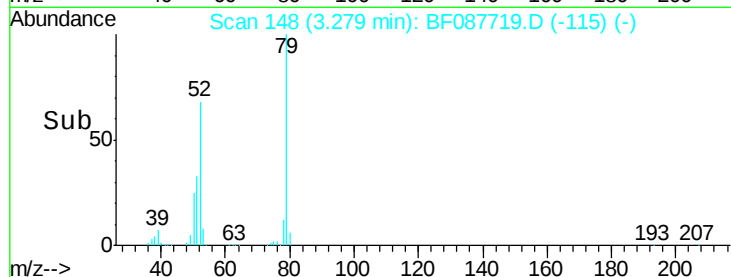
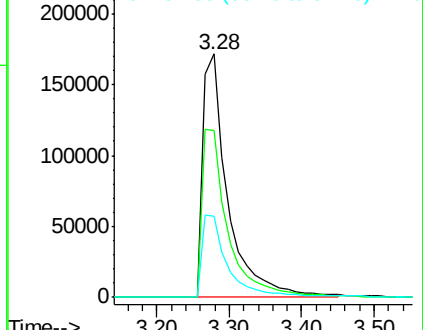
51 33.2 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 46.23 ng

RT: 3.23 min Scan# 144

Delta R.T. 0.09 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

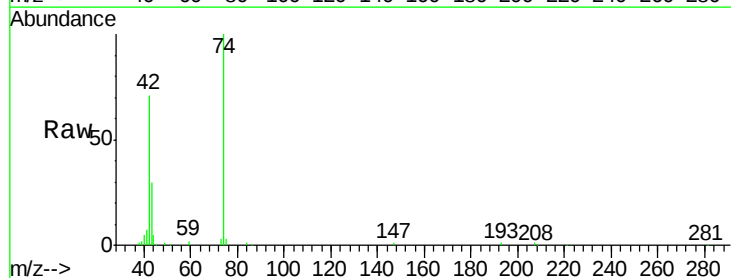
Tgt Ion: 42 Resp: 184055

Ion Ratio Lower Upper

42 100

74 141.3 108.6 163.0

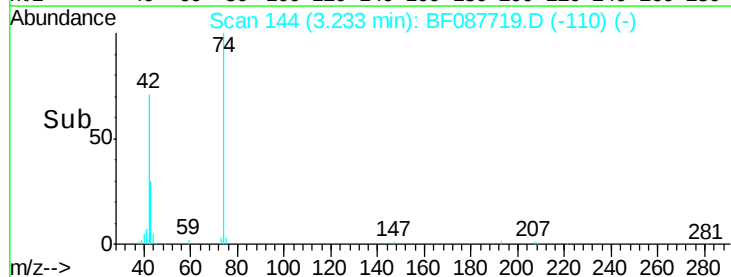
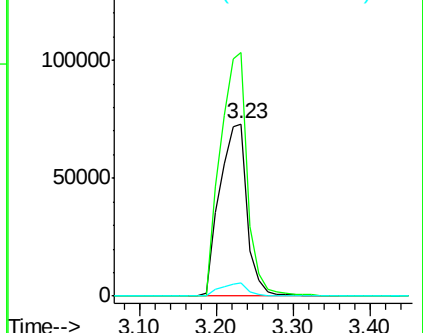
44 7.4 5.5 8.3

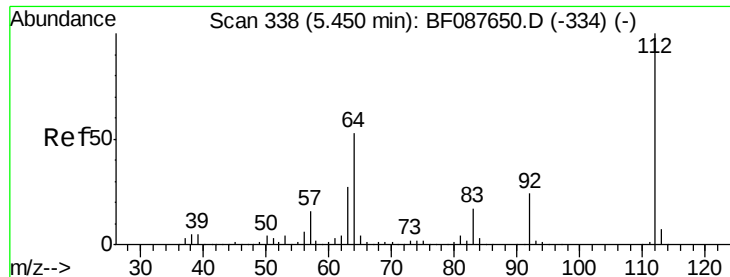


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 140.88 ng

RT: 5.47 min Scan# 340

Delta R.T. 0.02 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

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SB-2MS

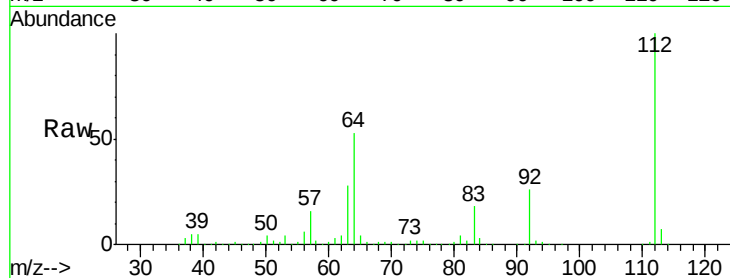
Tgt Ion: 112 Resp: 1039783

Ion Ratio Lower Upper

112 100

64 52.7 42.2 63.2

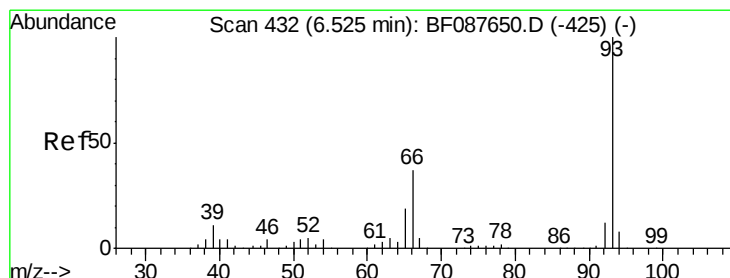
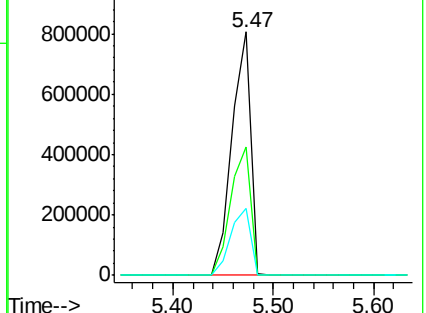
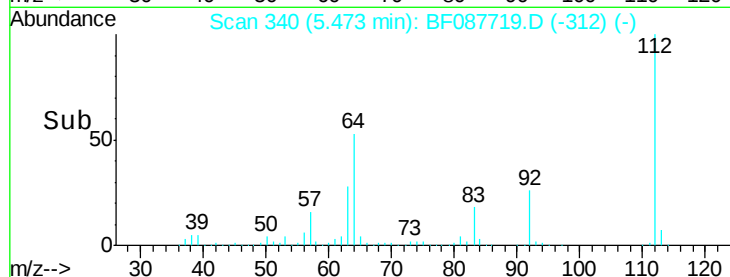
63 27.5 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.22 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

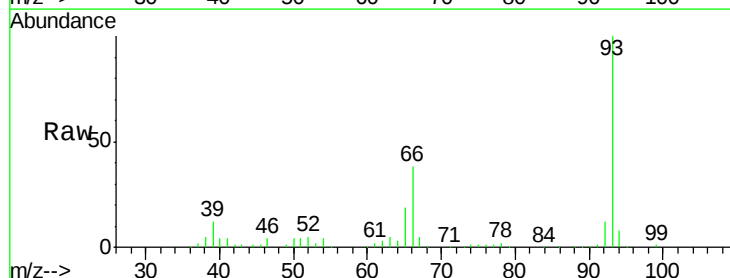
Tgt Ion: 93 Resp: 357091

Ion Ratio Lower Upper

93 100

66 38.2 29.8 44.8

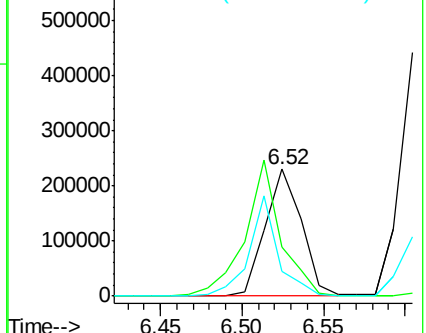
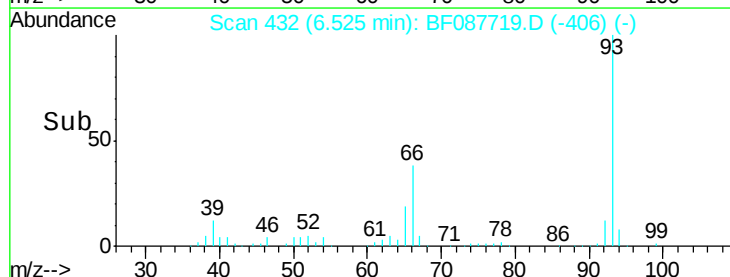
65 19.3 14.9 22.3

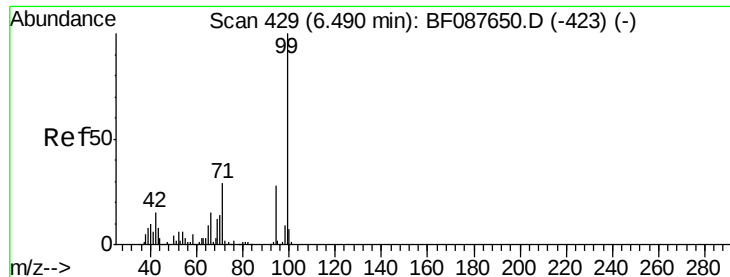


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.85 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

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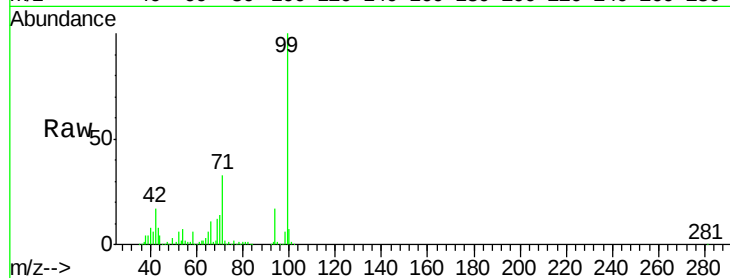
Tgt Ion: 99 Resp: 1257477

Ion Ratio Lower Upper

99 100

42 16.8 12.2 18.2

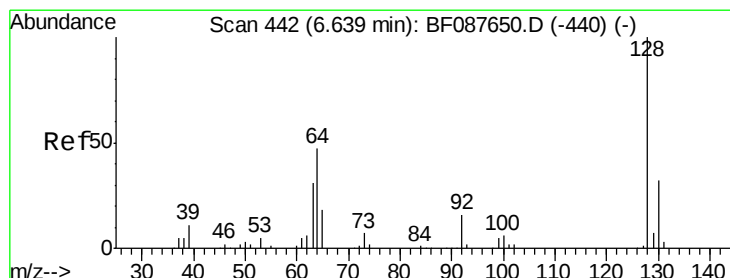
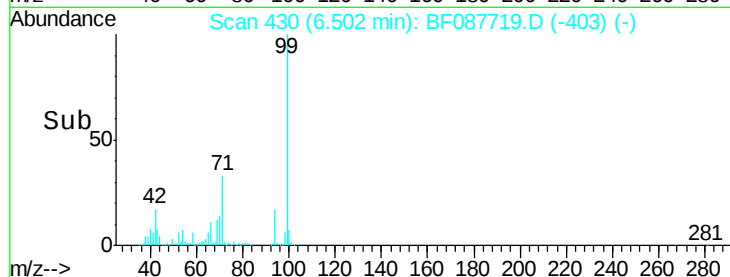
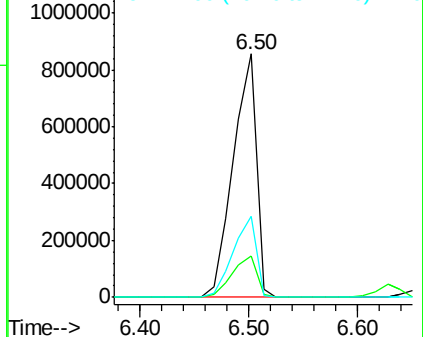
71 33.4 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 50.60 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

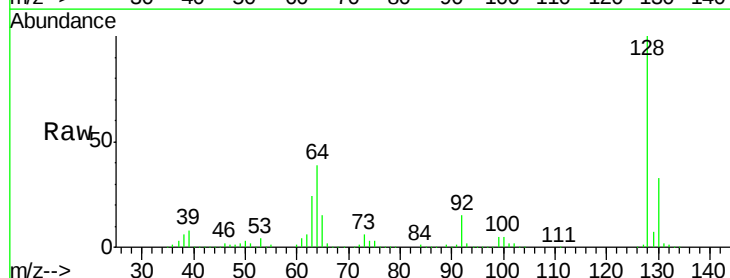
Tgt Ion: 128 Resp: 429766

Ion Ratio Lower Upper

128 100

130 33.5 12.0 52.0

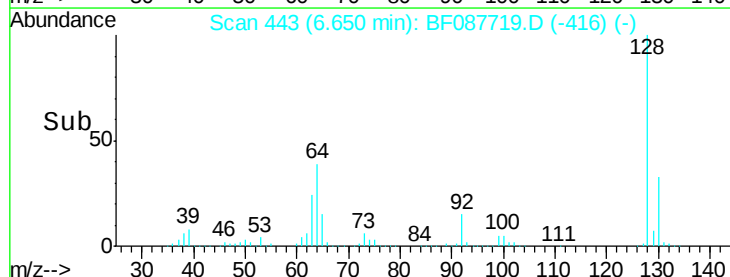
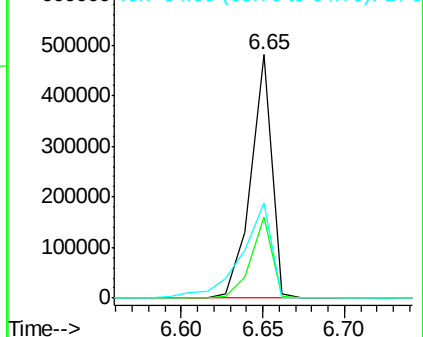
64 39.0 30.8 70.8

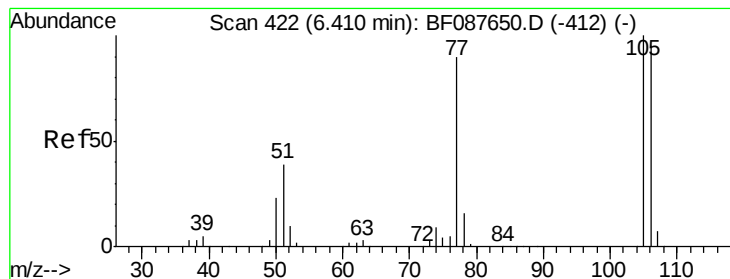


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.35 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

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SB-2MS

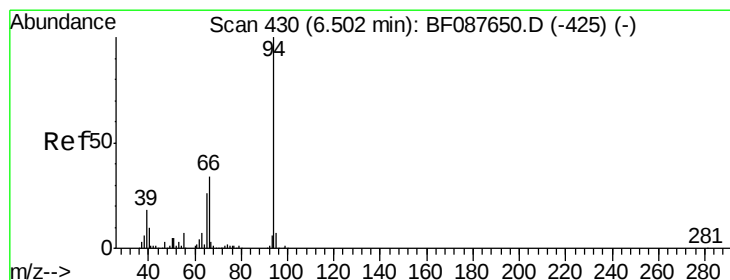
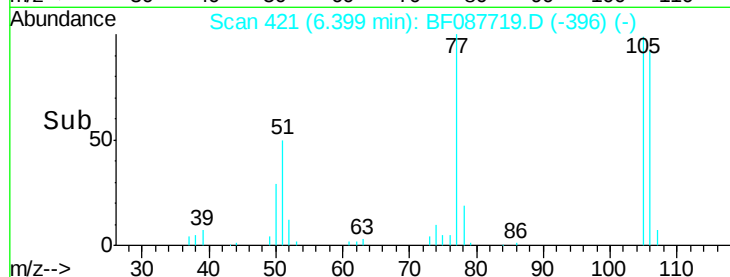
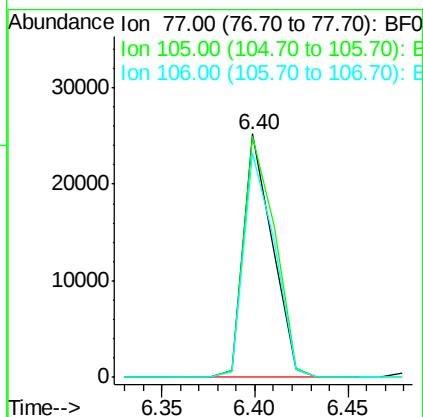
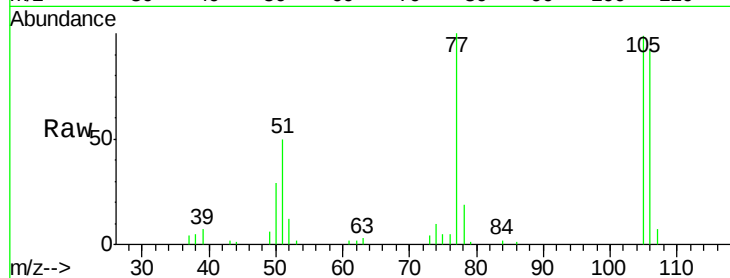
Tgt Ion: 77 Resp: 27230

Ion Ratio Lower Upper

77 100

105 99.2 90.6 130.6

106 92.0 85.3 125.3



#10

Phenol

Concen: 52.42 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.01 min

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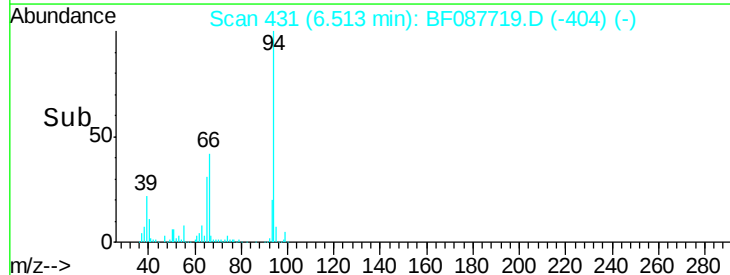
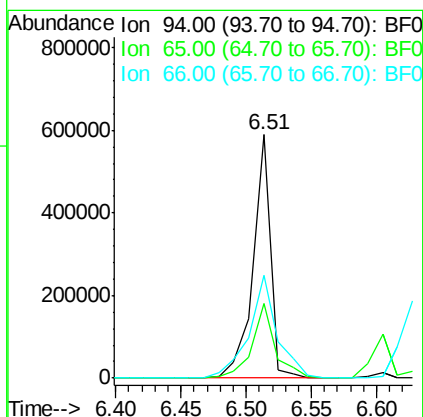
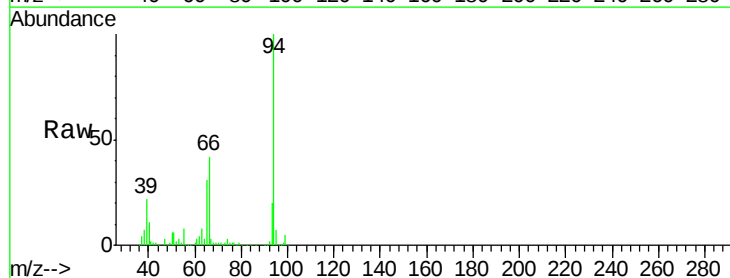
Tgt Ion: 94 Resp: 552522

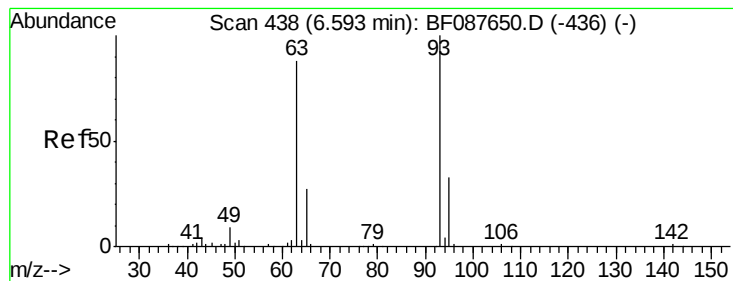
Ion Ratio Lower Upper

94 100

65 30.9 5.9 45.9

66 42.0 14.0 54.0

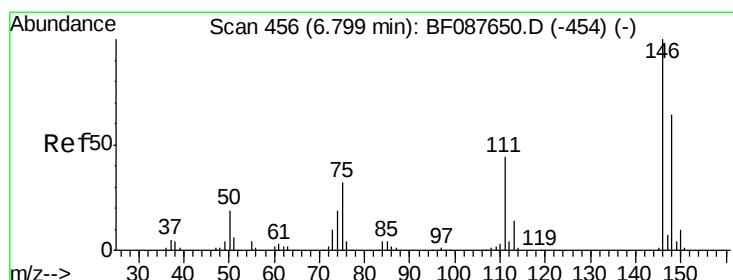
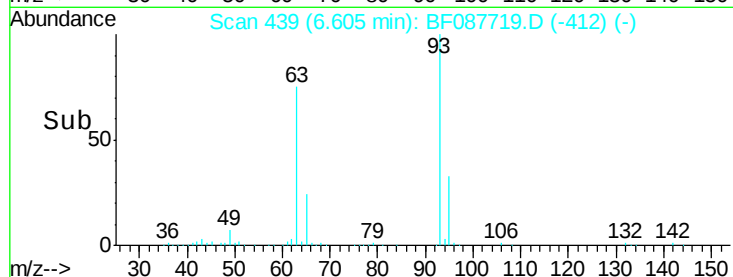
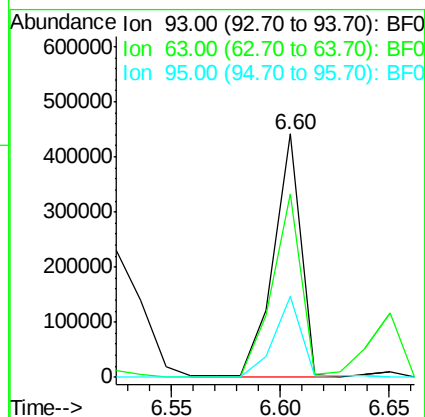
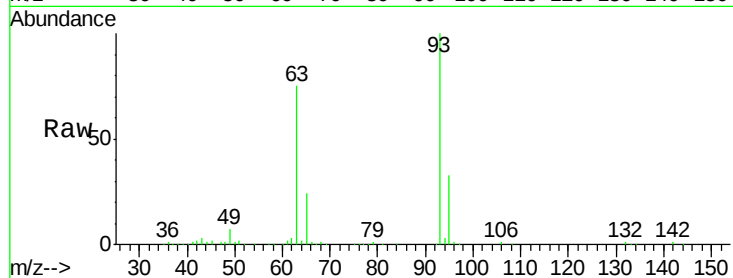




#11
bis(2-Chloroethyl)ether
Concen: 51.71 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

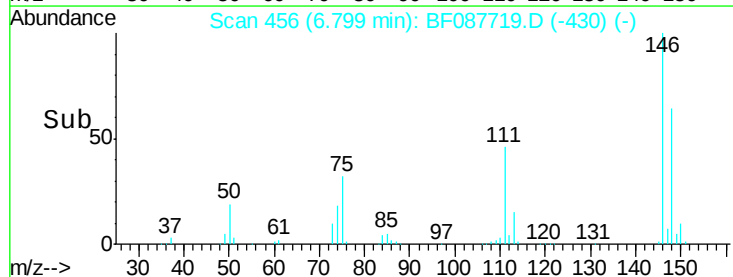
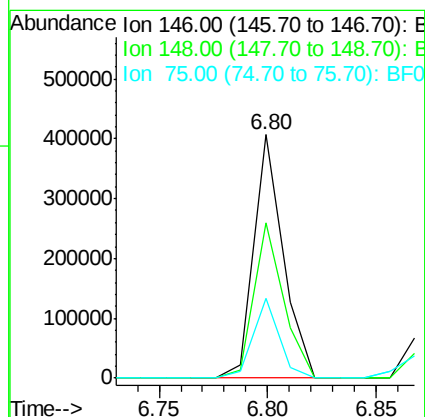
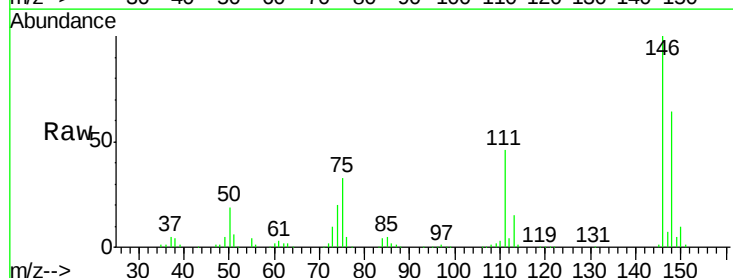
Instrument :
BNA_F
ClientSampleId :
SB-2MS

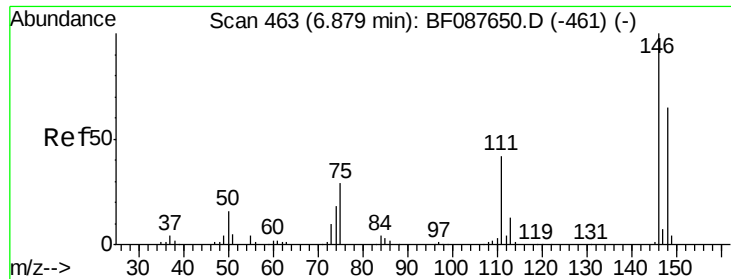
Tgt Ion: 93 Resp: 396008
Ion Ratio Lower Upper
93 100
63 75.4 67.6 107.6
95 33.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.93 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion: 146 Resp: 381313
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
75 33.0 25.6 38.4

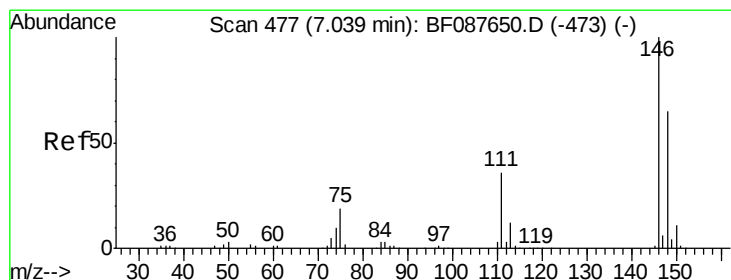
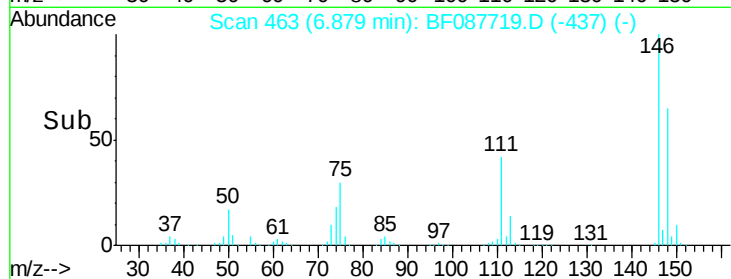
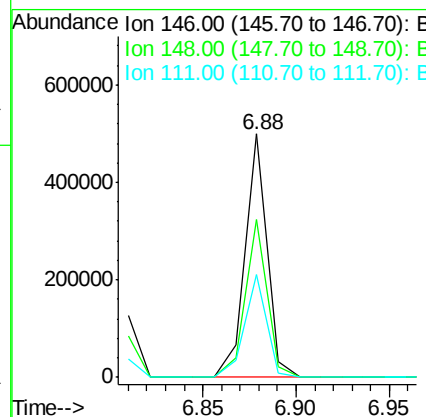
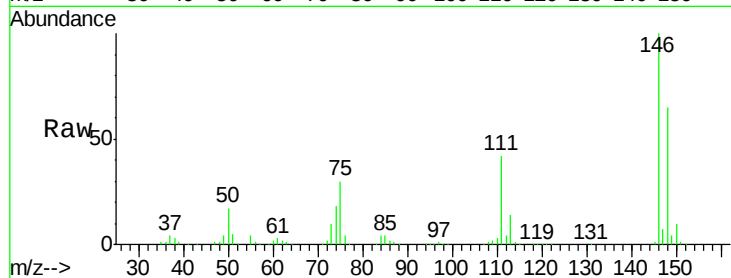




#13
 1,4-Dichlorobenzene
 Concen: 44.94 ng
 RT: 6.88 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

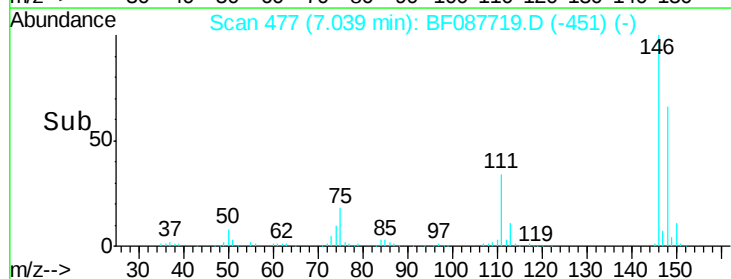
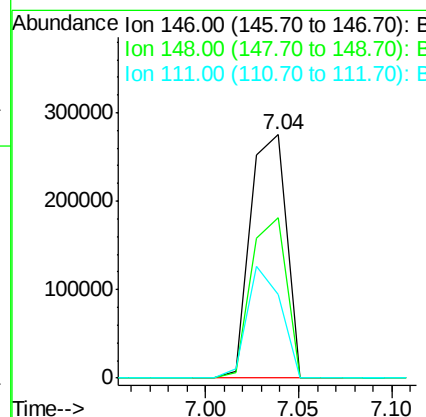
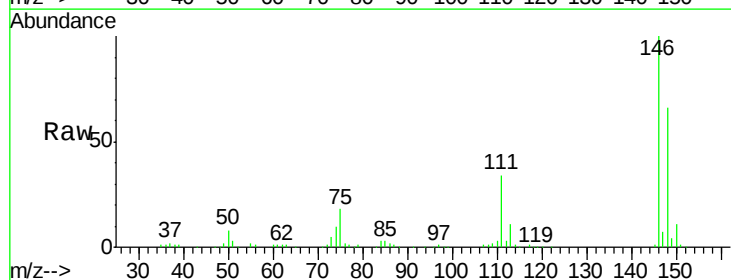
Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

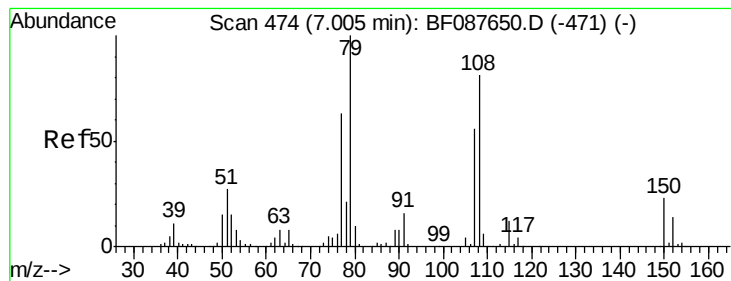
Tgt Ion:146 Resp: 410086
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.0 78.0
 111 42.0 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 43.04 ng
 RT: 7.04 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion:146 Resp: 368141
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.3 78.5
 111 34.4 28.7 43.1





#15

Benzyl Alcohol

Concen: 45.31 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampled :

SB-2MS

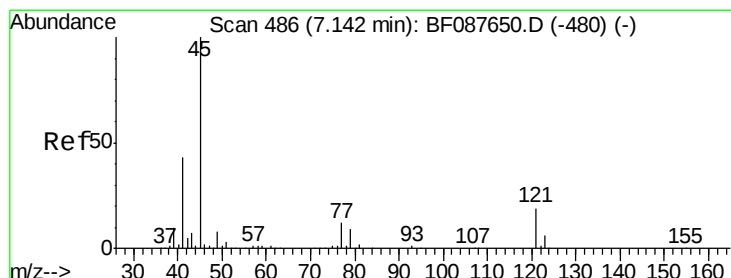
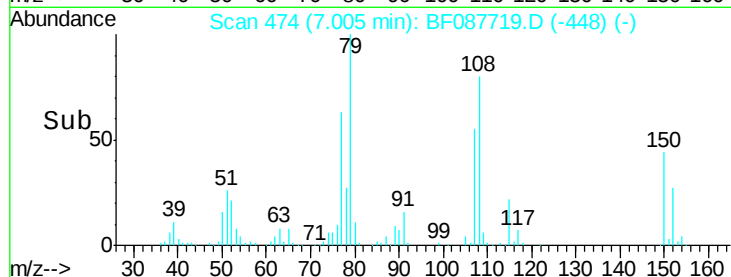
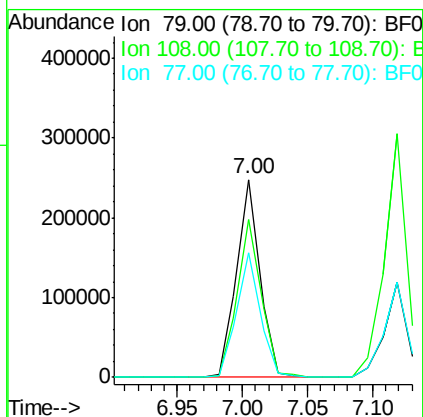
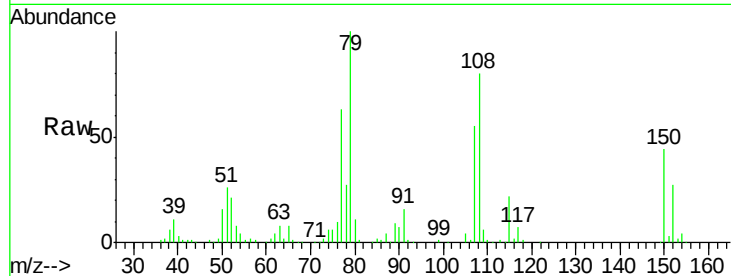
Tgt Ion: 79 Resp: 309832

Ion Ratio Lower Upper

79 100

108 79.6 65.0 97.6

77 62.7 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.39 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

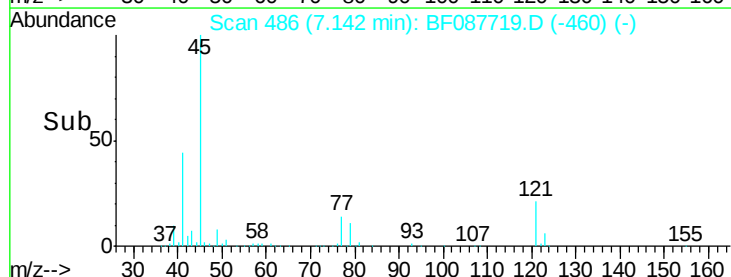
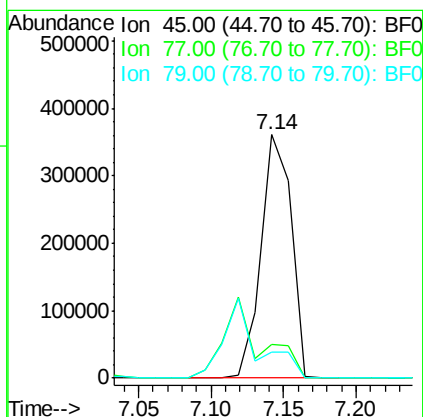
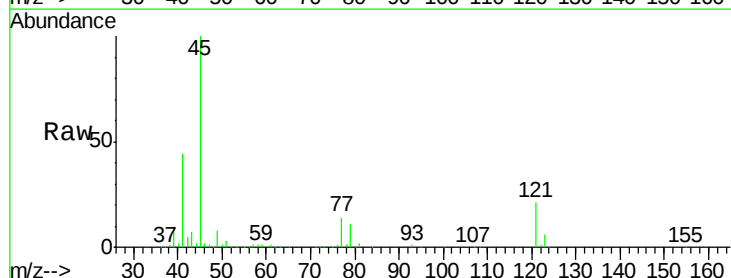
Tgt Ion: 45 Resp: 518104

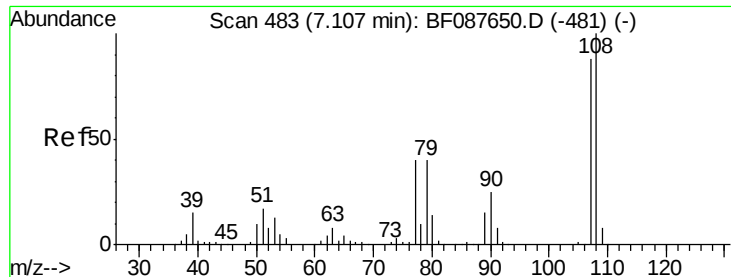
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.5

79 10.6 0.0 29.5

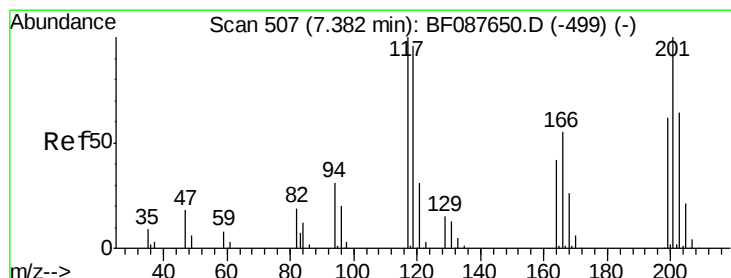
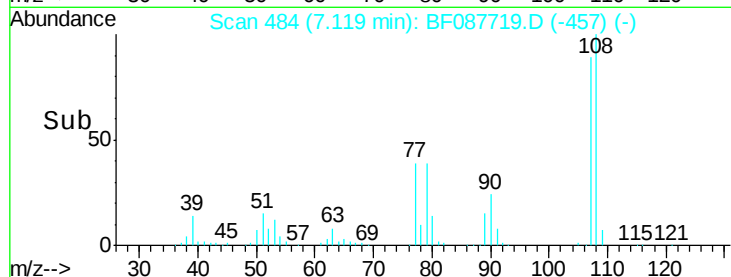
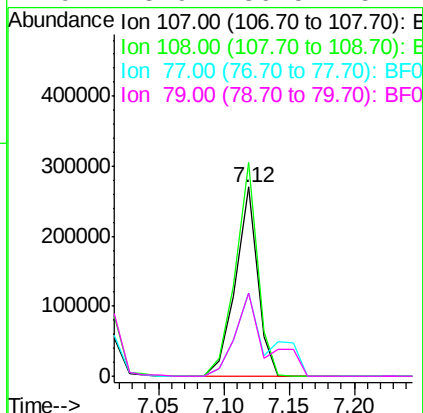
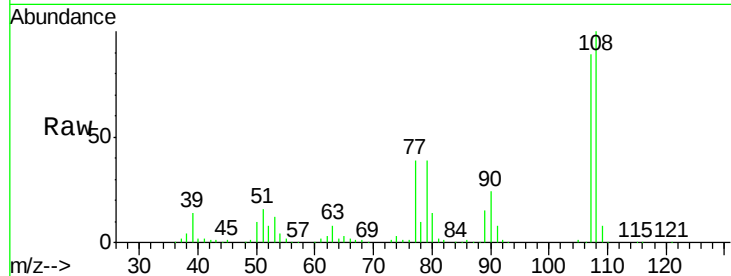




#17
2-Methylphenol
Concen: 46.87 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

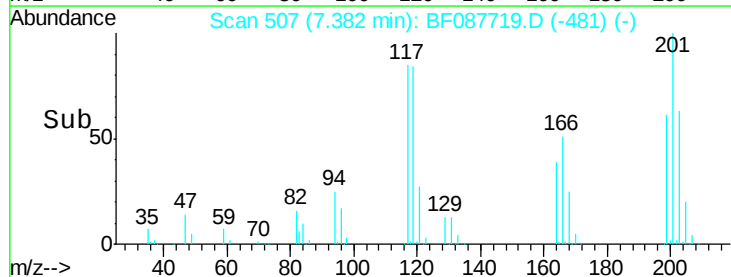
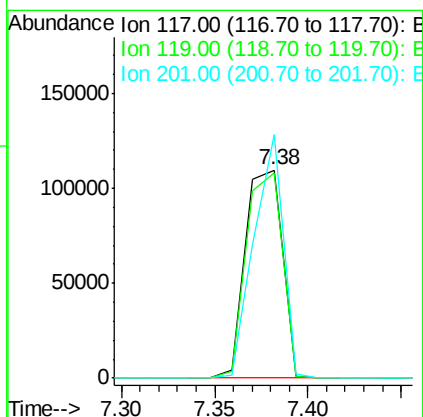
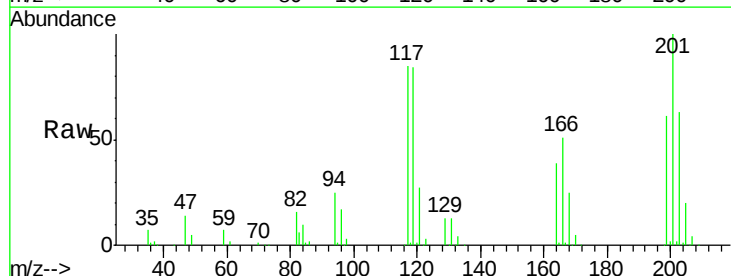
Instrument :
BNA_F
ClientSampleId :
SB-2MS

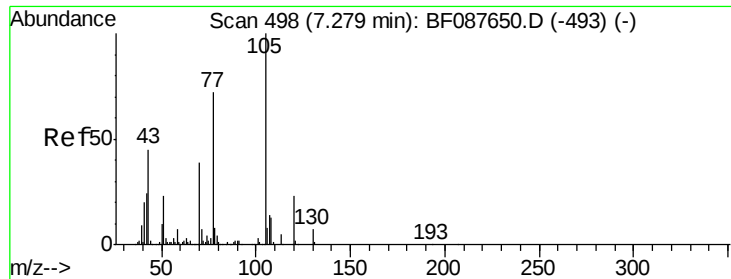
Tgt Ion:107 Resp: 319604
Ion Ratio Lower Upper
107 100
108 112.8 90.9 136.3
77 44.3 36.6 55.0
79 43.9 36.5 54.7



#18
Hexachloroethane
Concen: 47.07 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion:117 Resp: 150182
Ion Ratio Lower Upper
117 100
119 98.7 77.4 116.2
201 117.1 80.4 120.6

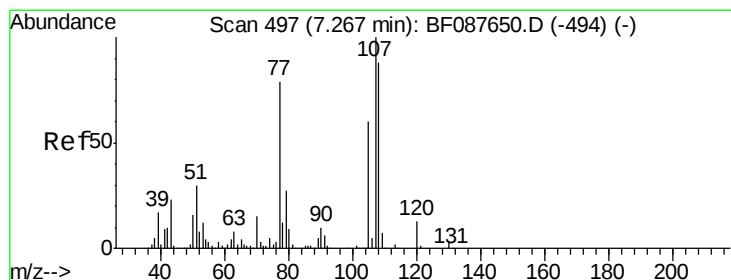
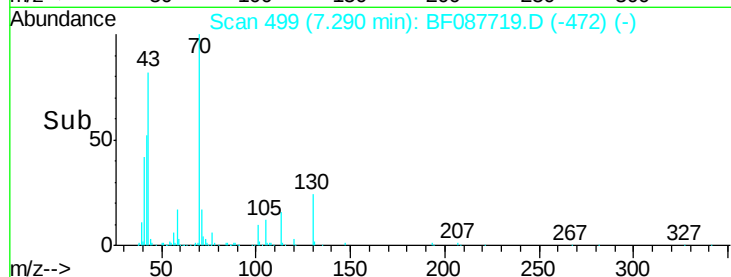
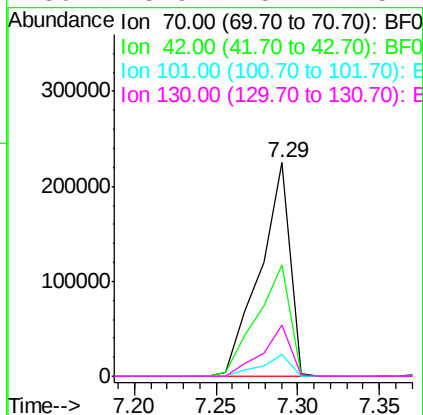
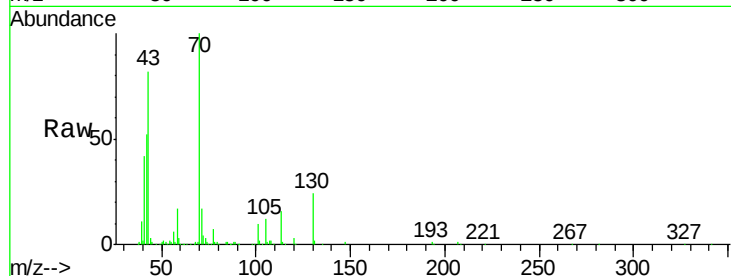




#19
n-Nitroso-di-n-propylamine
Concen: 49.92 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

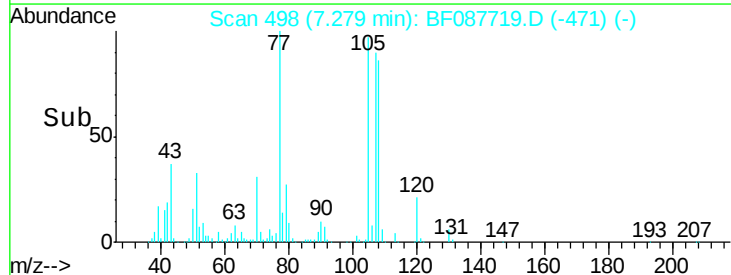
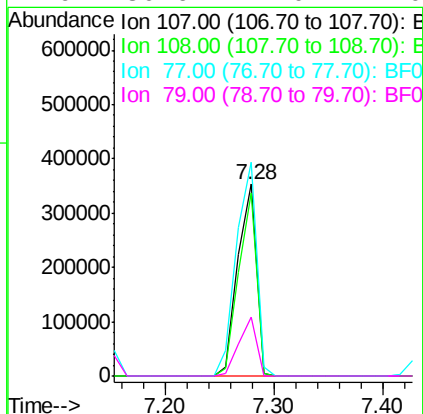
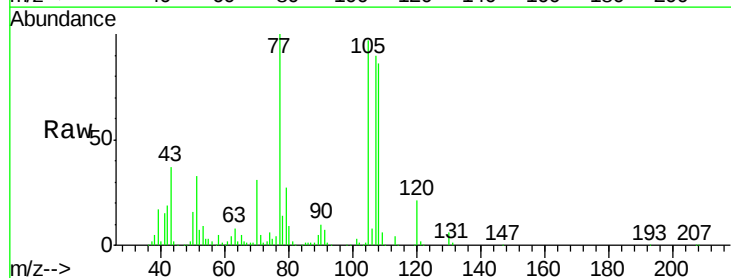
Instrument :
BNA_F
ClientSampleId :
SB-2MS

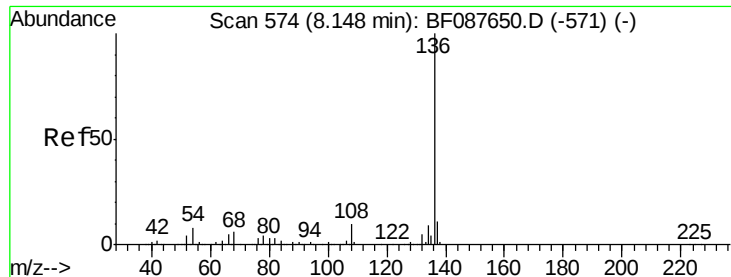
Tgt Ion: 70 Resp: 288581
Ion Ratio Lower Upper
70 100
42 51.9 49.6 74.4
101 10.0 7.1 10.7
130 23.9 15.4 23.2#



#20
3+4-Methylphenols
Concen: 49.37 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion: 107 Resp: 412488
Ion Ratio Lower Upper
107 100
108 95.5 67.8 107.8
77 111.5 59.3 99.3#
79 30.6 7.0 47.0

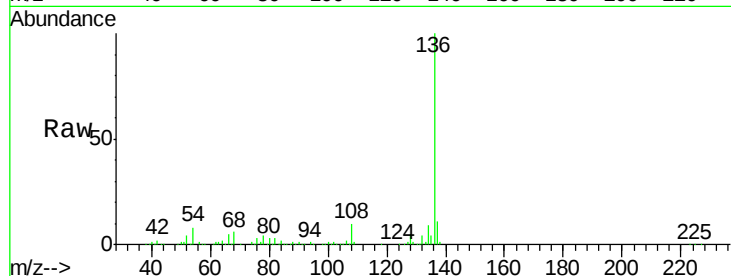




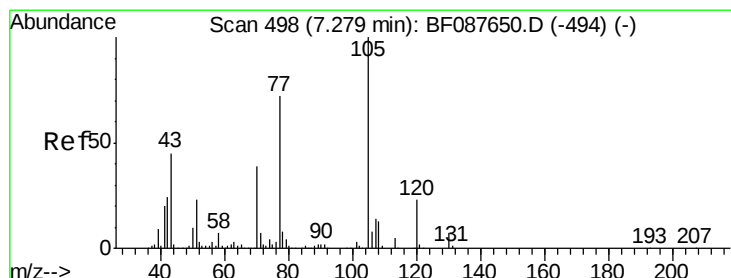
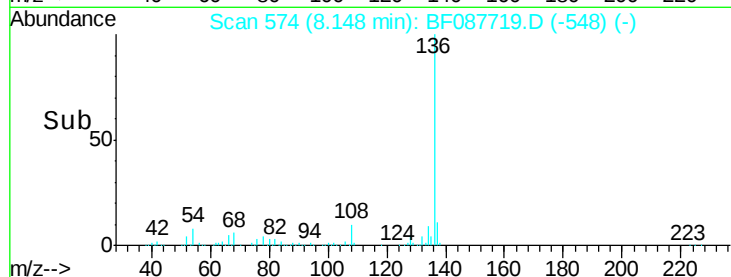
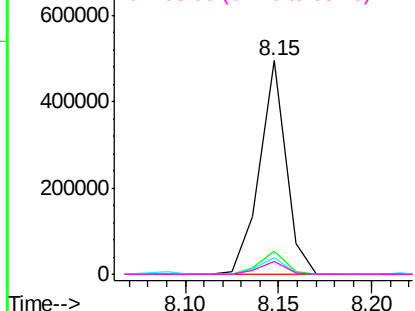
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion:	136	Resp:	483206
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.9	6.6	10.0
68	6.1	5.1	7.7

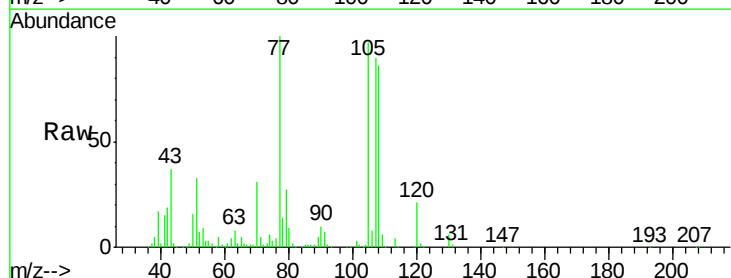


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

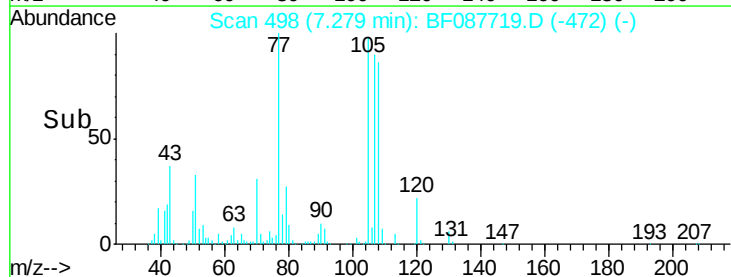
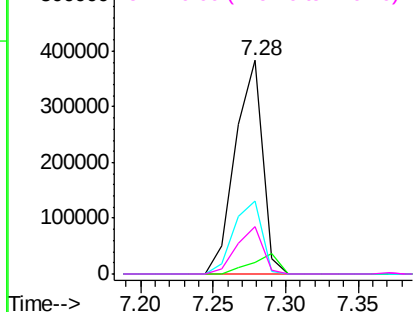


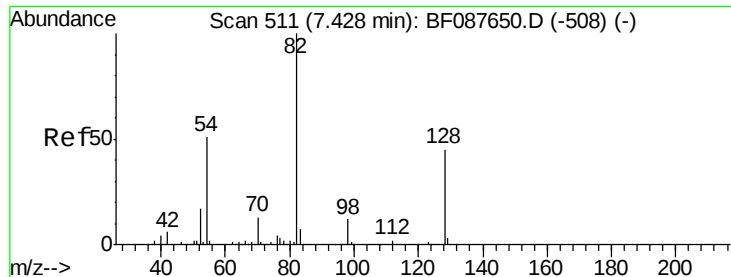
#22
Acetophenone
Concen: 45.70 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion:	105	Resp:	500120
Ion	Ratio	Lower	Upper
105	100		
71	5.2	5.3	7.9#
51	34.3	18.2	27.4#
120	22.0	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

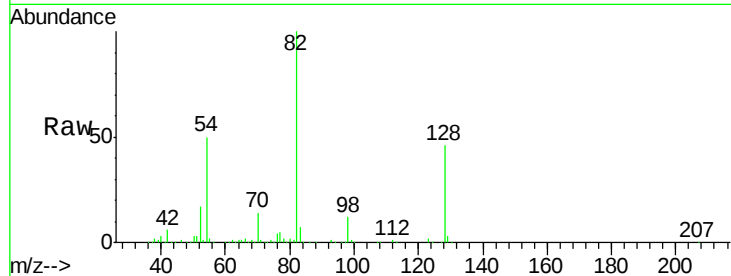




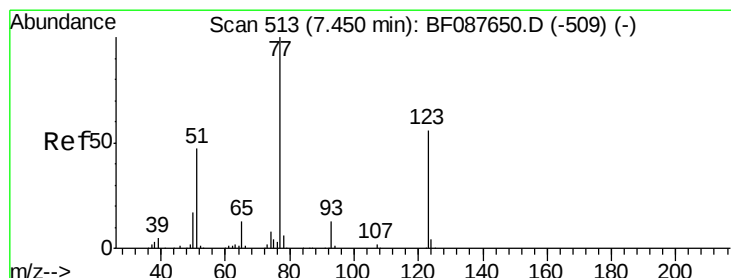
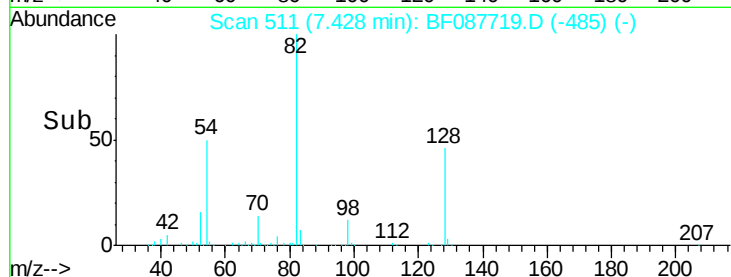
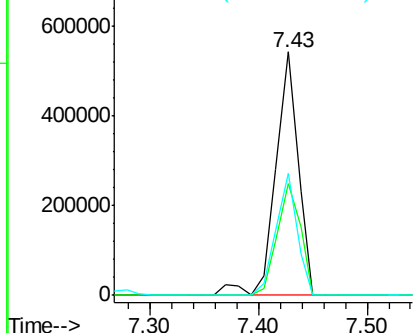
#23
 Nitrobenzene-d5
 Concen: 94.04 ng
 RT: 7.43 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tgt Ion: 82 Resp: 785377
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.9 53.9
 54 50.3 40.9 61.3

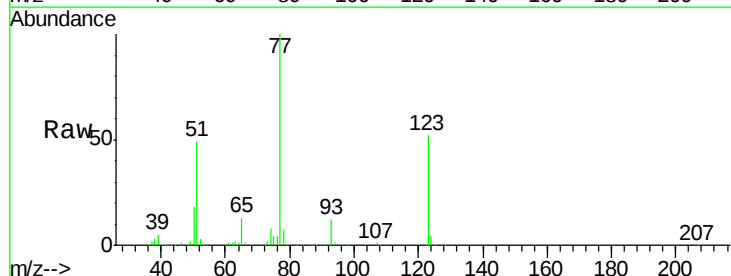


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

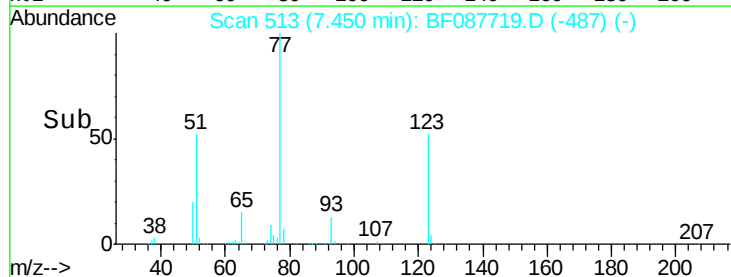
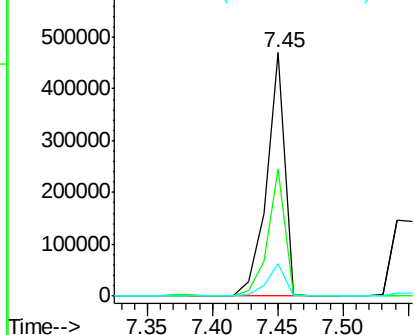


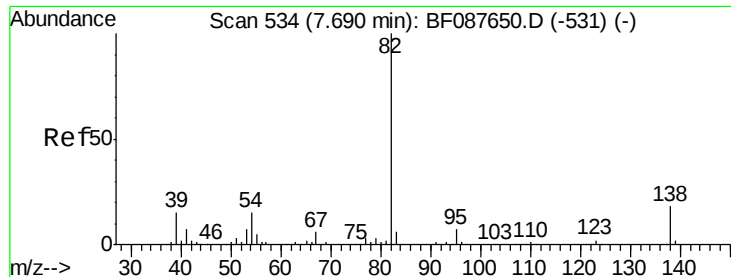
#24
 Nitrobenzene
 Concen: 54.35 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion: 77 Resp: 454274
 Ion Ratio Lower Upper
 77 100
 123 52.1 45.0 67.4
 65 13.3 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.16 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

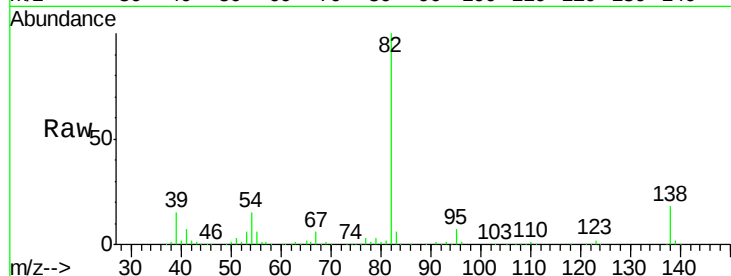
Tgt Ion: 82 Resp: 747520

Ion Ratio Lower Upper

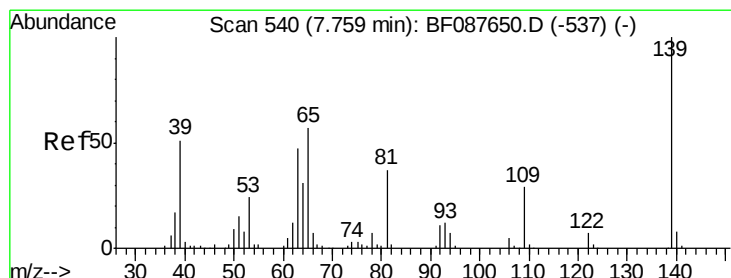
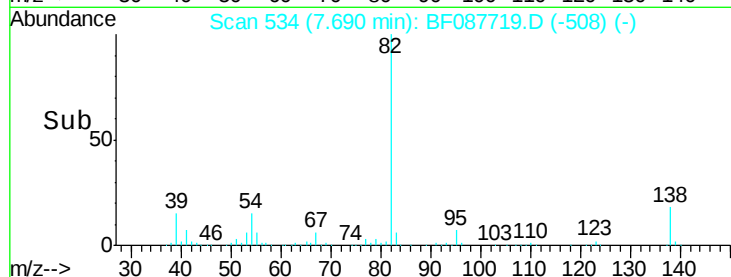
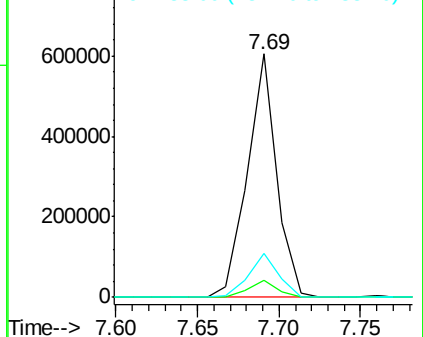
82 100

95 6.9 5.4 8.2

138 17.8 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 54.85 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

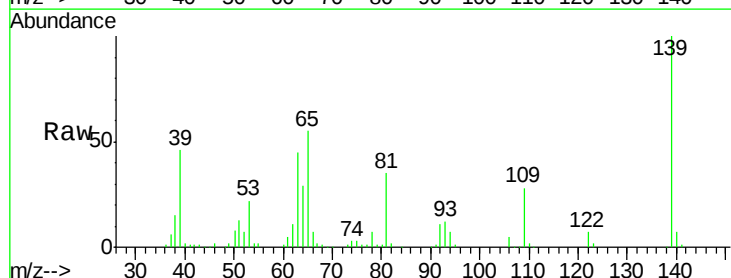
Tgt Ion: 139 Resp: 213027

Ion Ratio Lower Upper

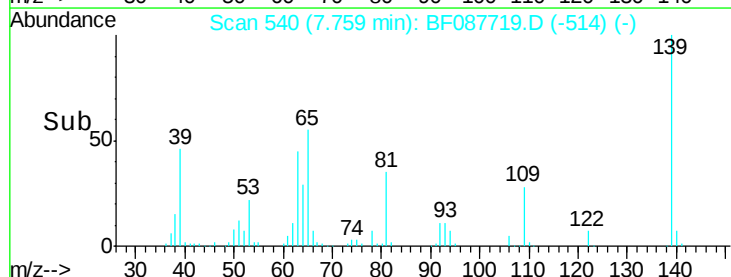
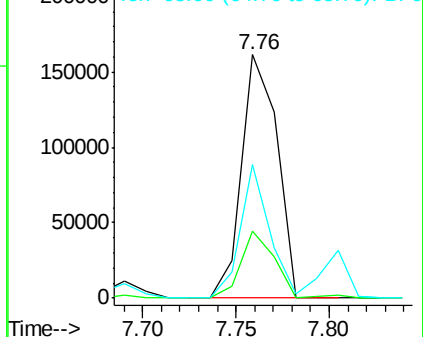
139 100

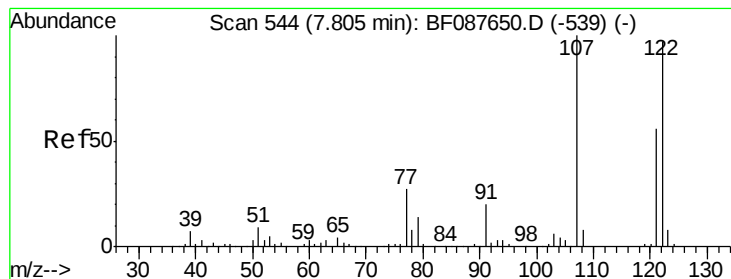
109 27.5 23.0 34.4

65 54.8 45.8 68.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 46.58 ng

RT: 7.80 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

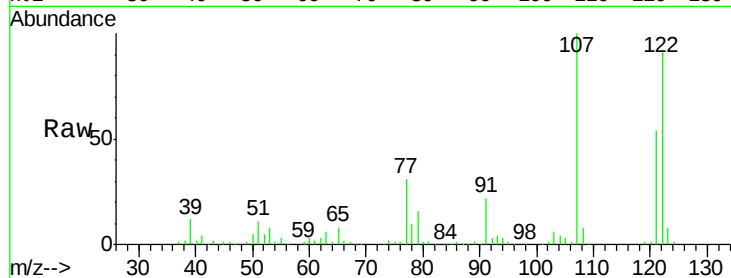
Tgt Ion: 122 Resp: 374954

Ion Ratio Lower Upper

122 100

107 109.4 82.4 123.6

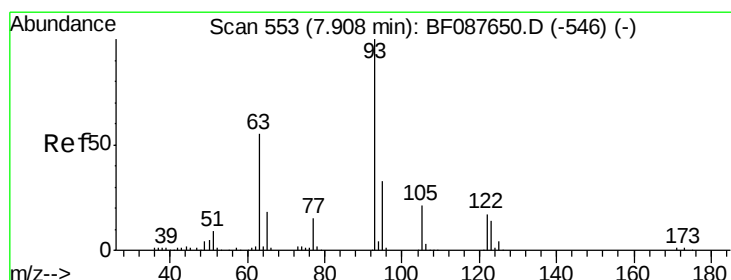
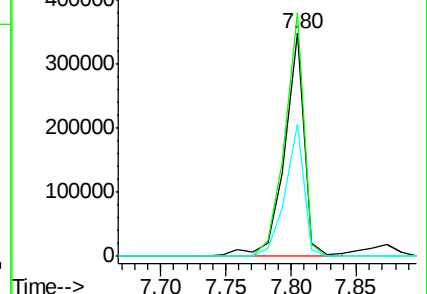
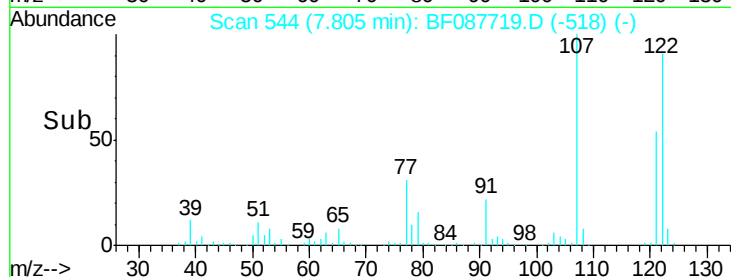
121 59.3 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.89 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

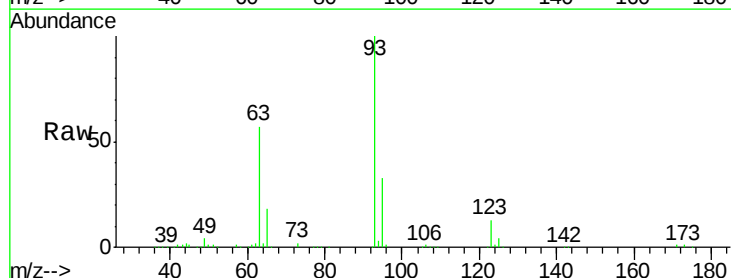
Tgt Ion: 93 Resp: 490817

Ion Ratio Lower Upper

93 100

95 33.4 26.5 39.7

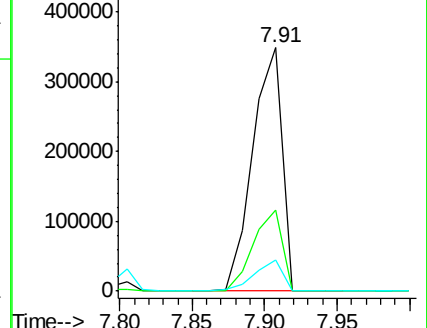
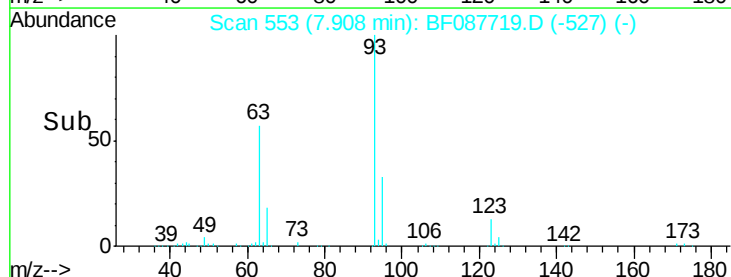
123 12.6 11.6 17.4

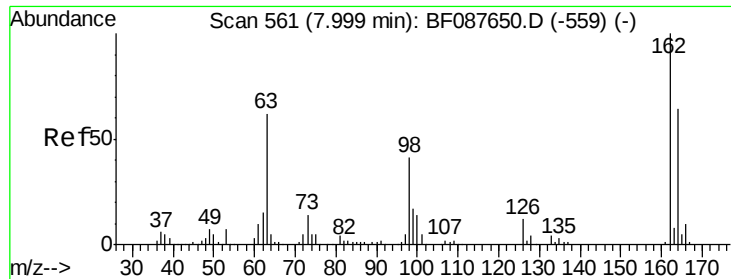


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

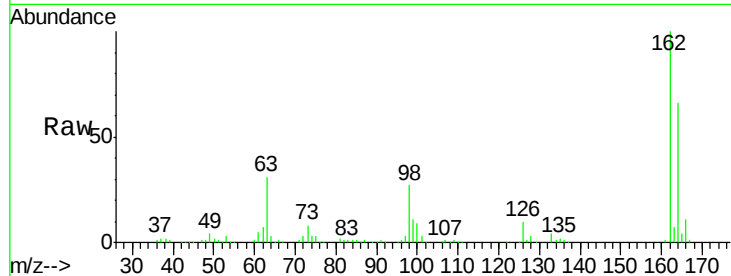




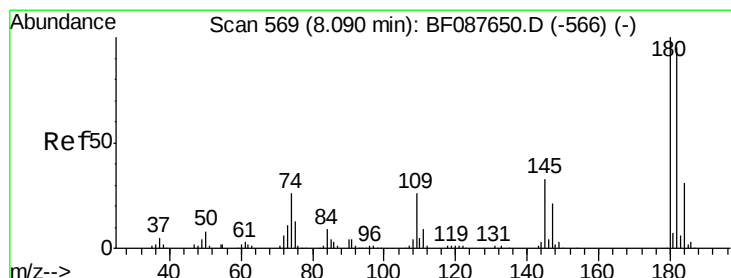
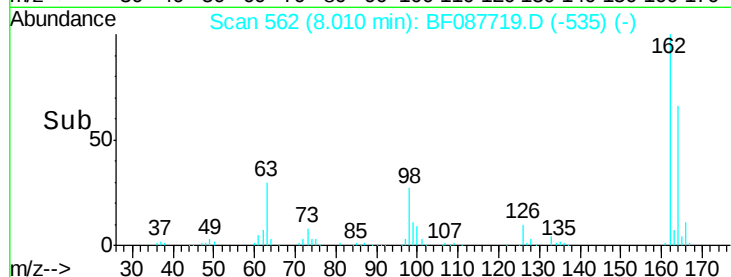
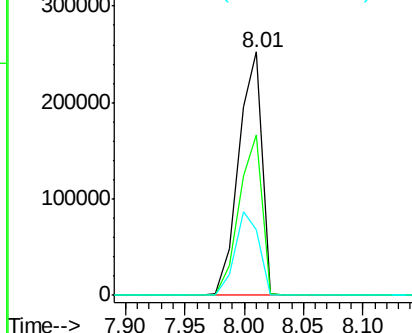
#29
 2,4-Dichlorophenol
 Concen: 52.02 ng
 RT: 8.01 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tgt Ion:162 Resp: 343917
 Ion Ratio Lower Upper
 162 100
 164 66.0 43.8 83.8
 98 26.8 21.3 61.3

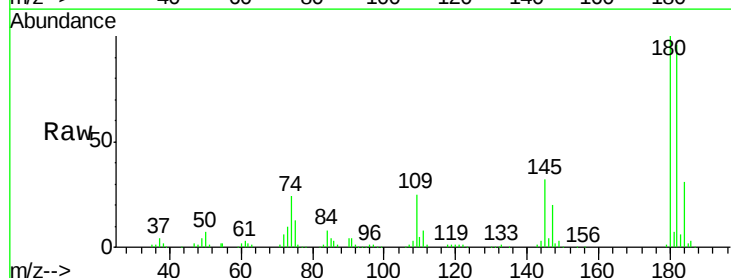


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

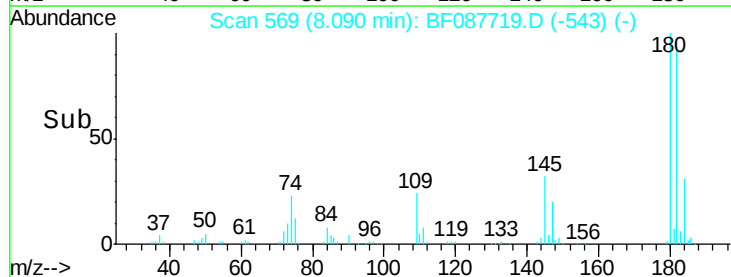
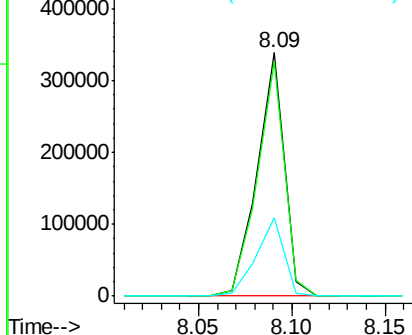


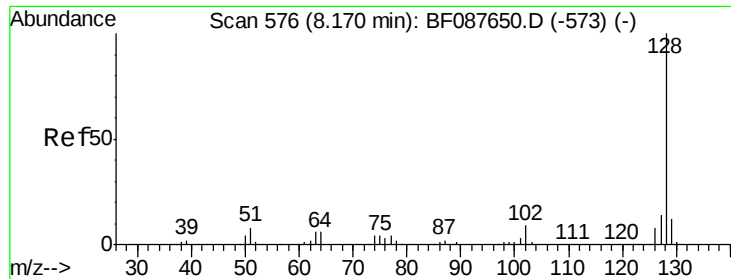
#30
 1,2,4-Trichlorobenzene
 Concen: 49.24 ng
 RT: 8.09 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion:180 Resp: 340827
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.0 114.0
 145 32.0 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

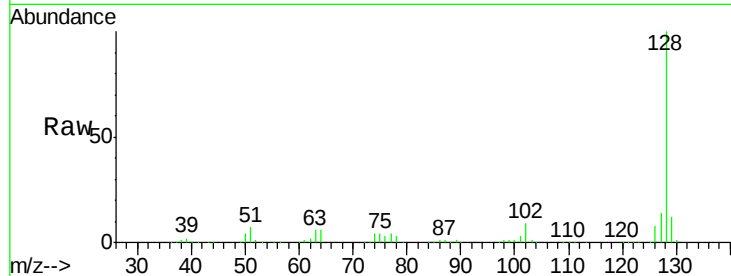




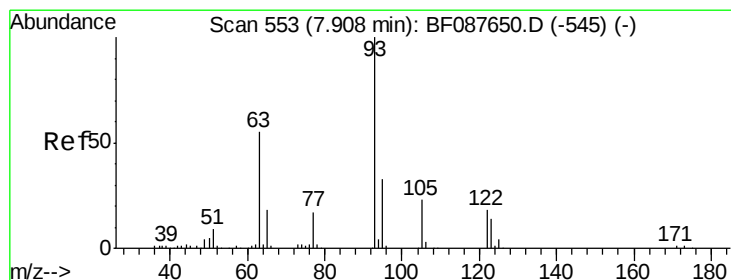
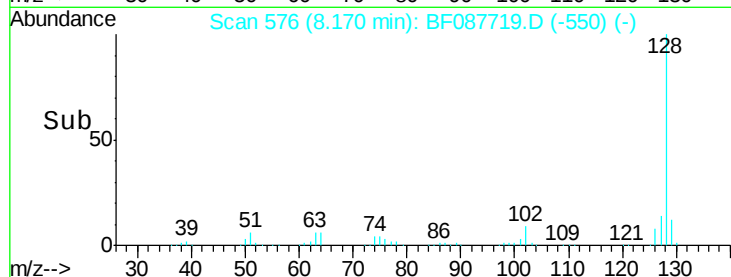
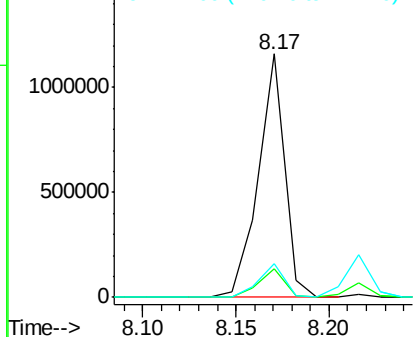
#31
Naphthalene
Concen: 47.94 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion:128 Resp: 1126390
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.6 10.9 16.3

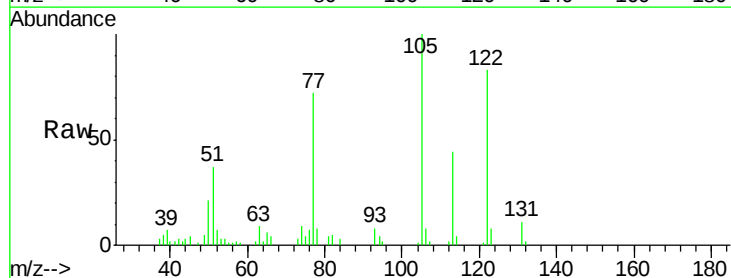


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

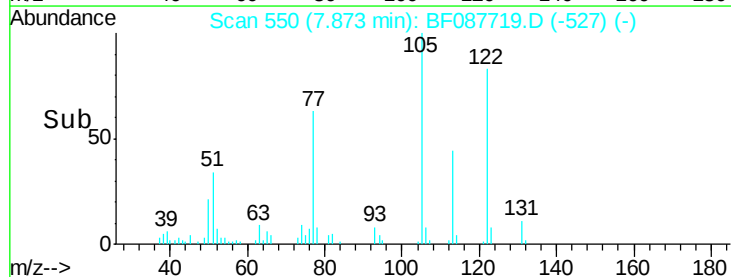
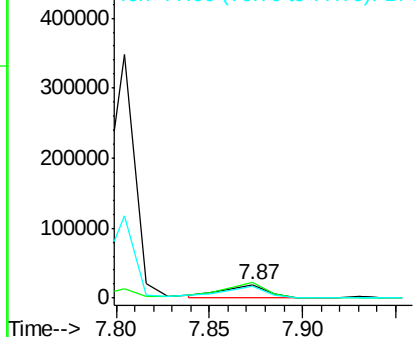


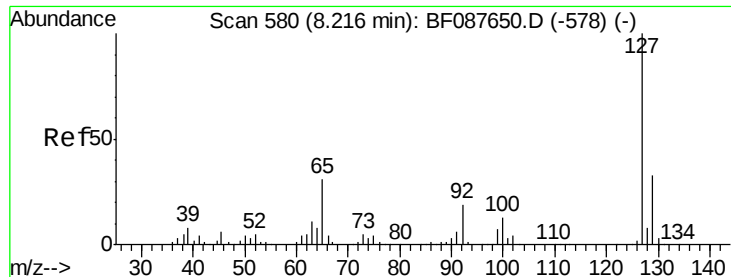
#32
Benzoic acid
Concen: 6.37 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion:122 Resp: 30920
Ion Ratio Lower Upper
122 100
105 120.0 101.6 141.6
77 86.7 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

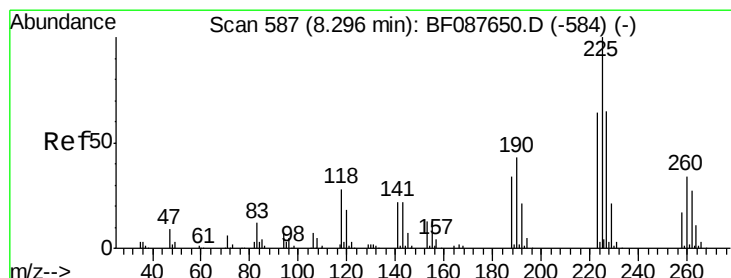
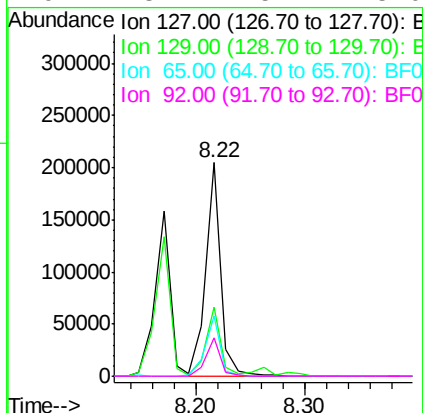
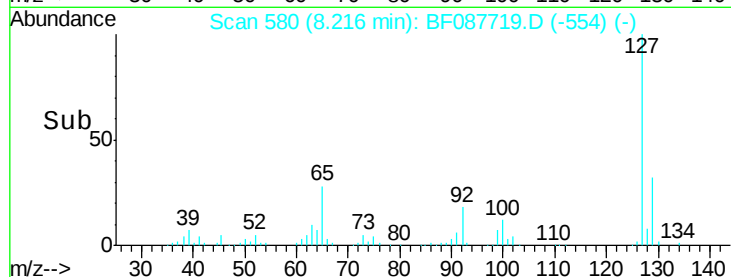
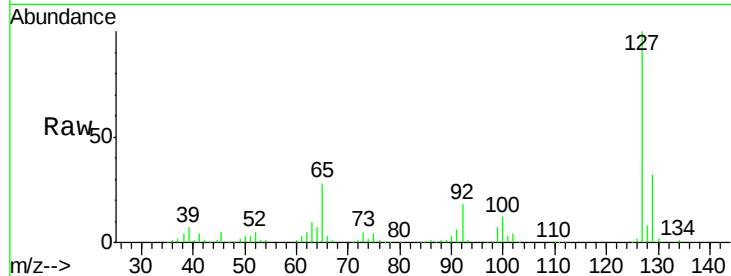




#33
4-Chloroaniline
Concen: 19.45 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

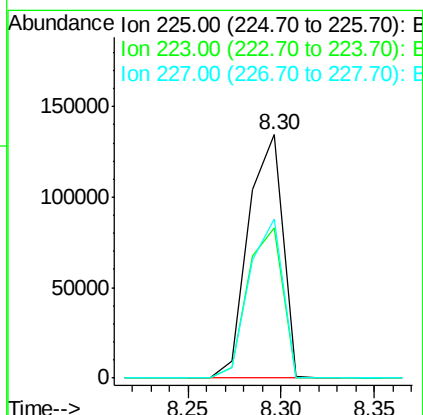
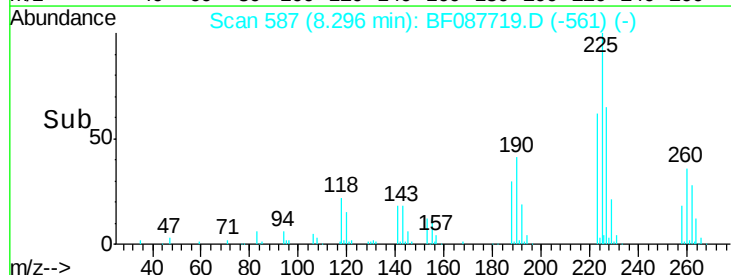
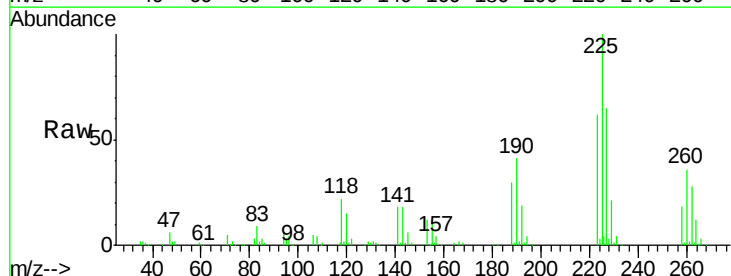
Instrument :
BNA_F
ClientSampleId :
SB-2MS

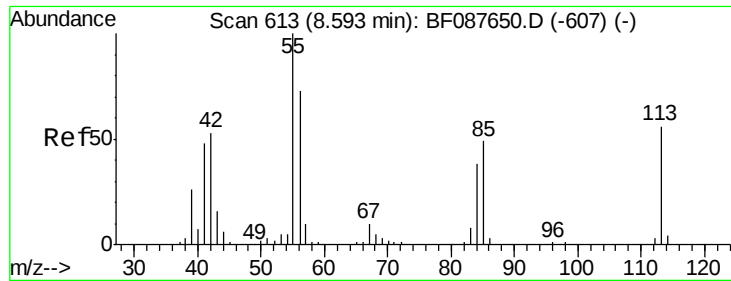
Tgt Ion:	127	Resp:	198506
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	28.2	24.7	37.1
92	18.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 47.34 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion:	225	Resp:	170383
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.9	76.3
227	65.2	51.9	77.9

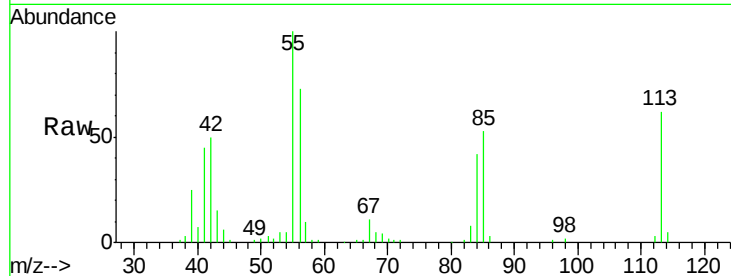




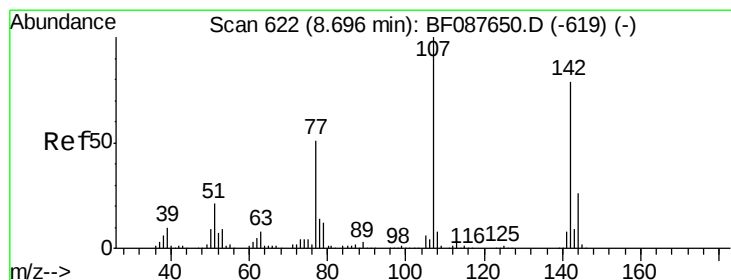
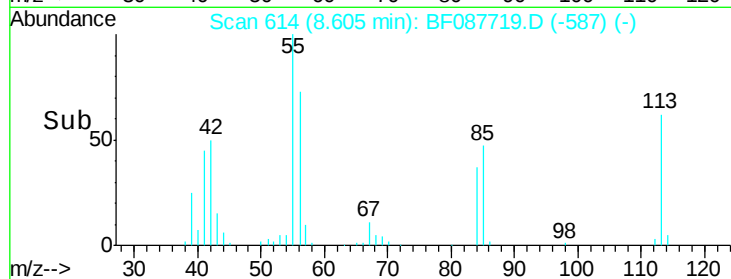
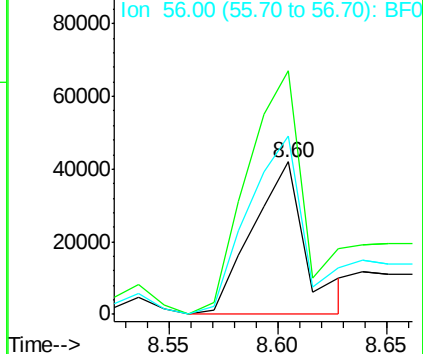
#35
 Caprolactam
 Concen: 33.15 ng
 RT: 8.60 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tgt Ion:113 Resp: 71986
 Ion Ratio Lower Upper
 113 100
 55 160.0 158.6 198.6
 56 117.3 110.6 150.6

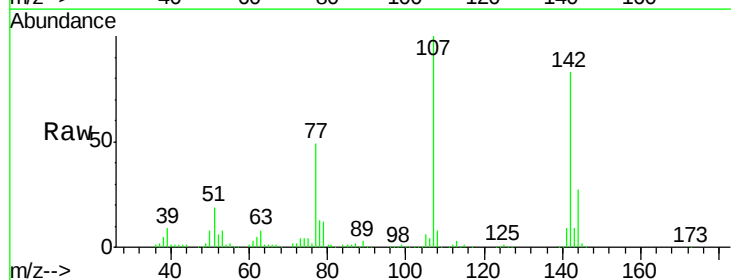


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

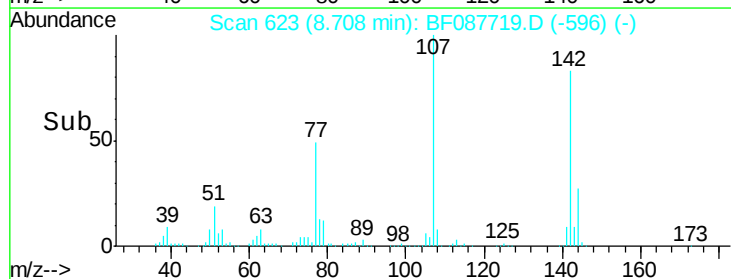
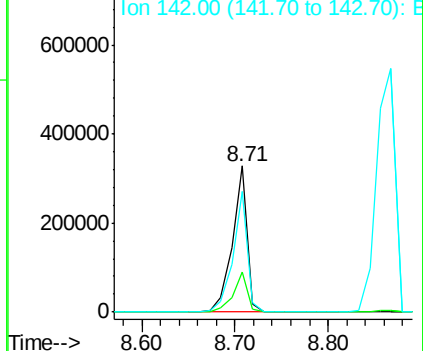


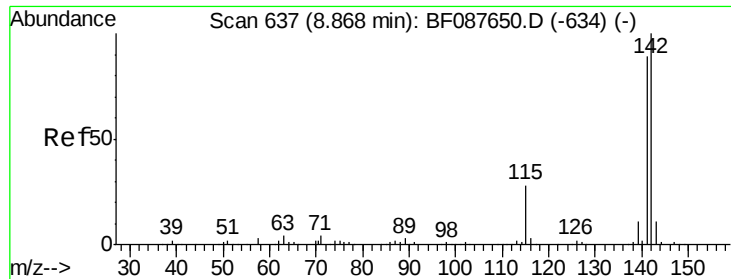
#36
 4-Chloro-3-methylphenol
 Concen: 53.27 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion:107 Resp: 364263
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.8 31.2
 142 82.8 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

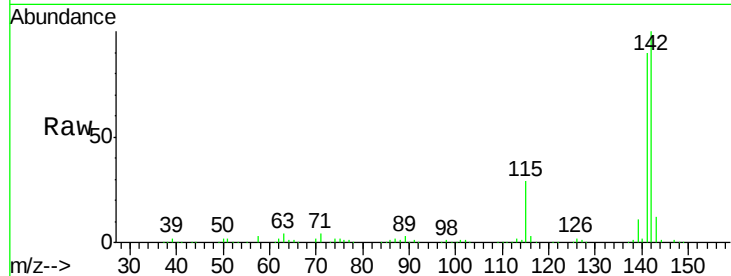




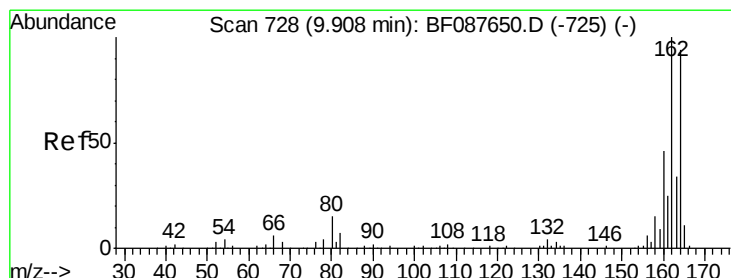
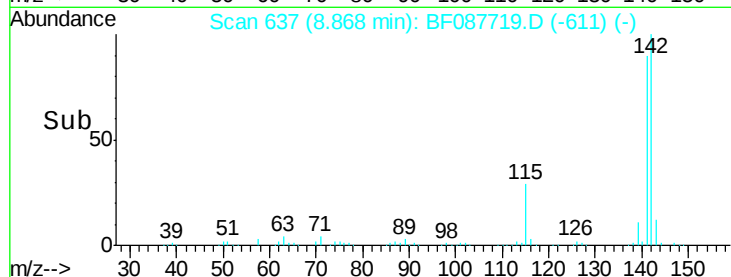
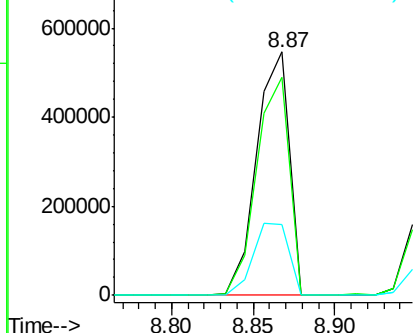
#37
 2-Methylnaphthalene
 Concen: 49.11 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tgt Ion:142 Resp: 761928
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.0 106.6
 115 29.3 22.6 33.8

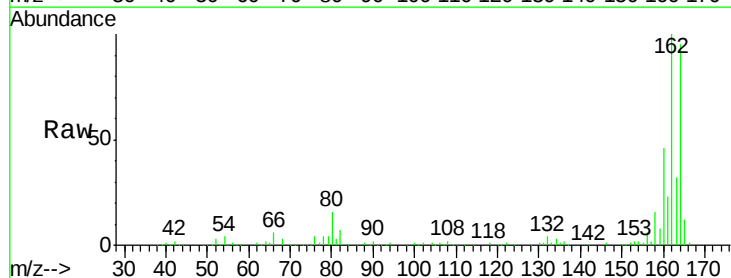


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

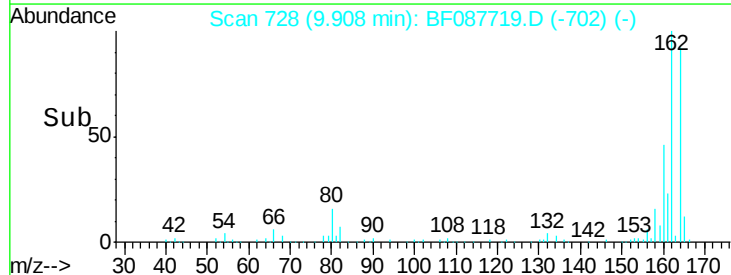
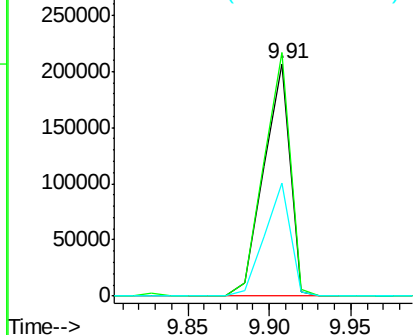


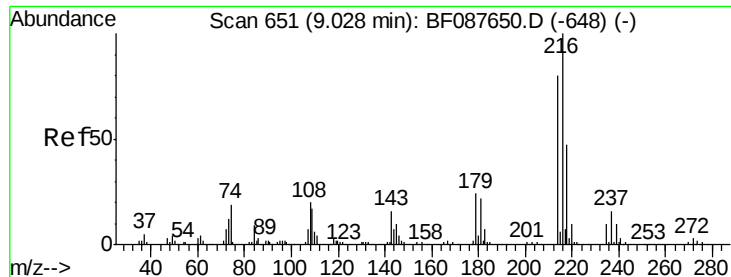
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion:164 Resp: 231719
 Ion Ratio Lower Upper
 164 100
 162 104.8 85.4 128.2
 160 48.4 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.07 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tgt Ion:216 Resp: 281436

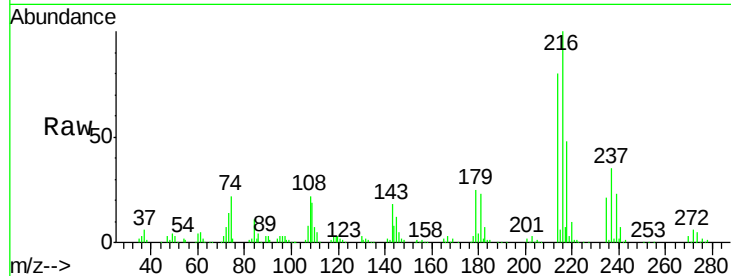
Ion Ratio Lower Upper

216 100

214 80.0 2.9 4.3#

179 23.4 0.0 0.0#

108 24.4 0.5 0.7#

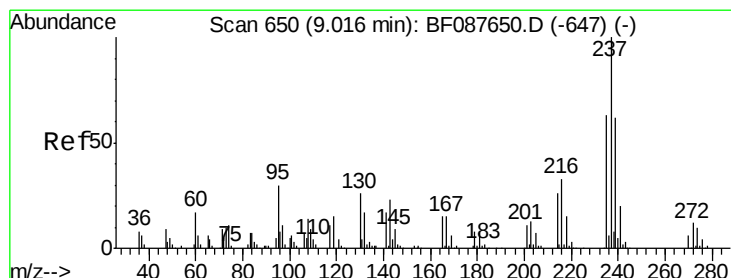
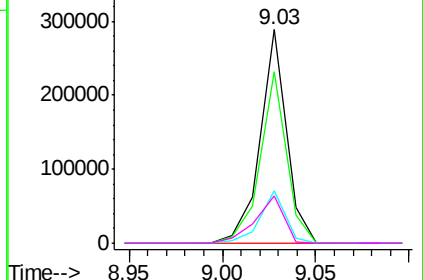
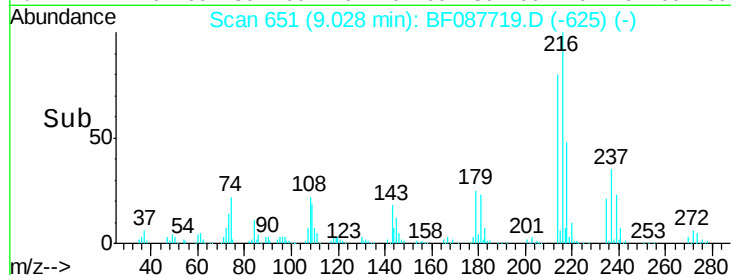


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 77.32 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

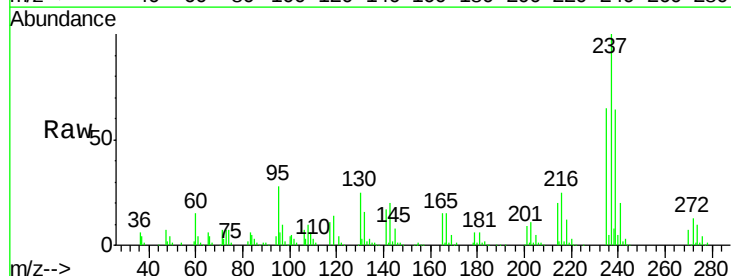
Tgt Ion:237 Resp: 290432

Ion Ratio Lower Upper

237 100

235 64.9 43.4 83.4

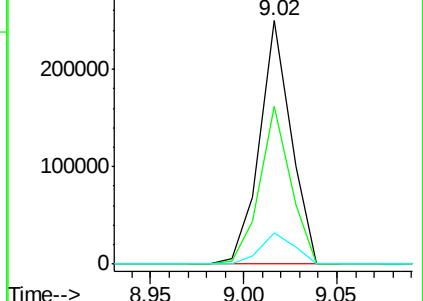
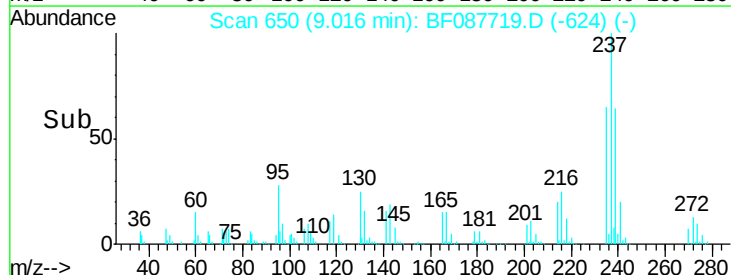
272 12.5 0.0 32.3

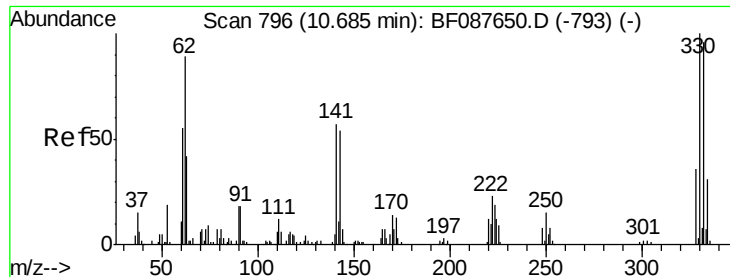


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

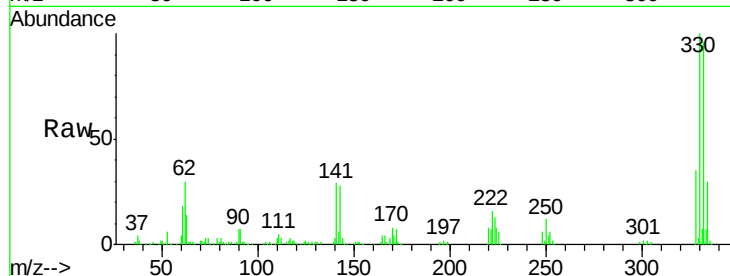




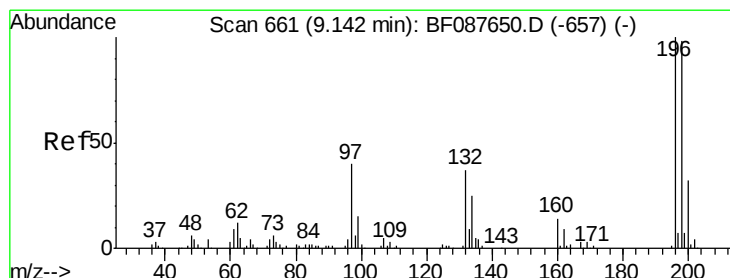
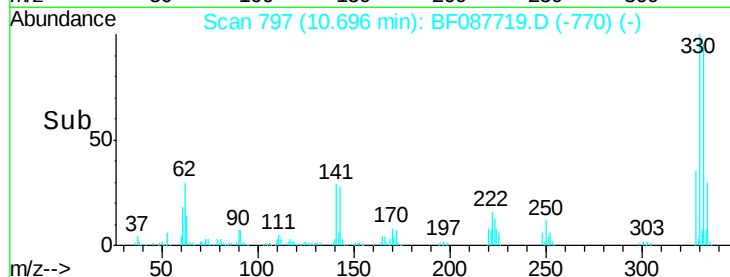
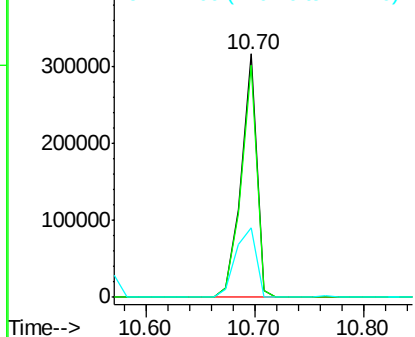
#41
 2,4,6-Tribromophenol
 Concen: 134.46 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tgt Ion:330 Resp: 312759
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 37.9 0.0 0.0#

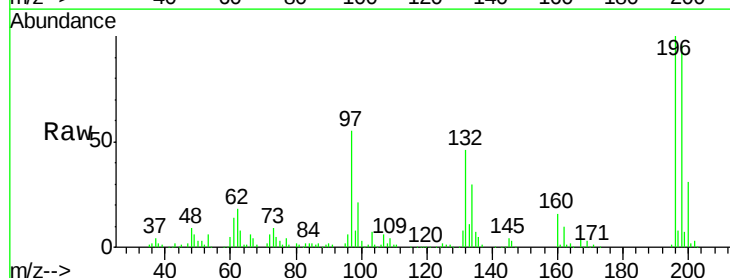


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

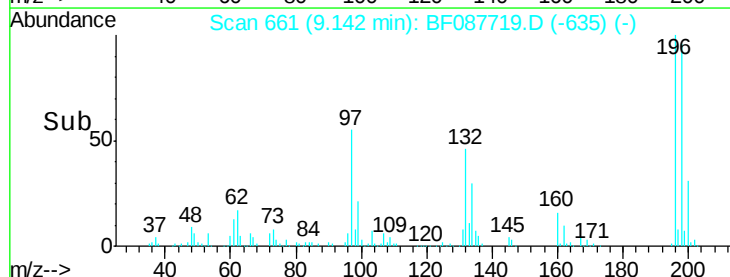
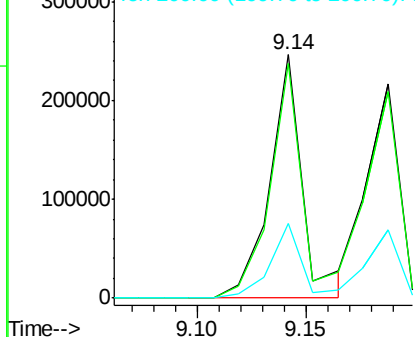


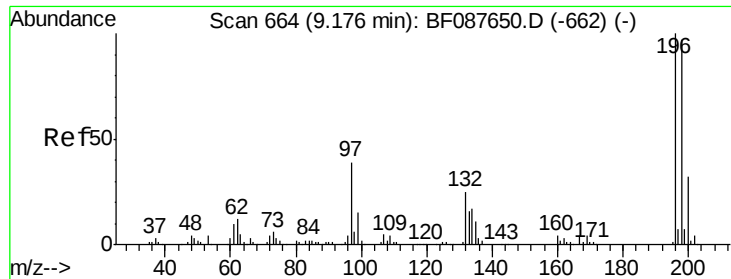
#42
 2,4,6-Trichlorophenol
 Concen: 53.96 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion:196 Resp: 260229
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.0 117.0
 200 30.7 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

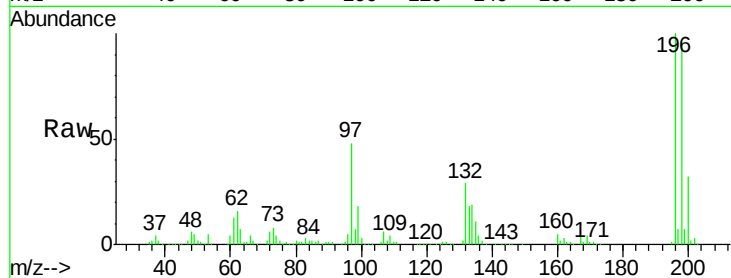




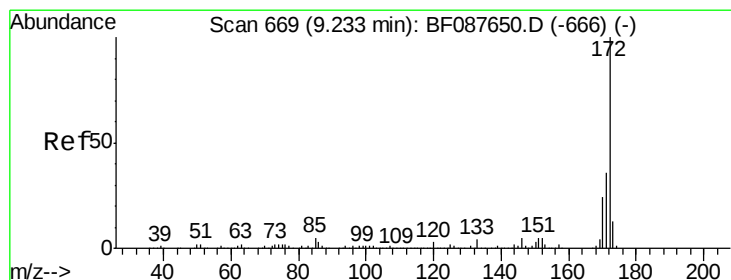
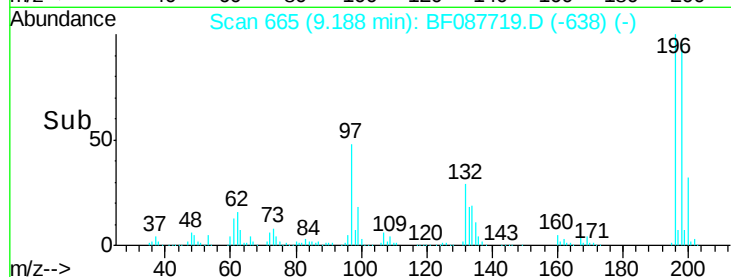
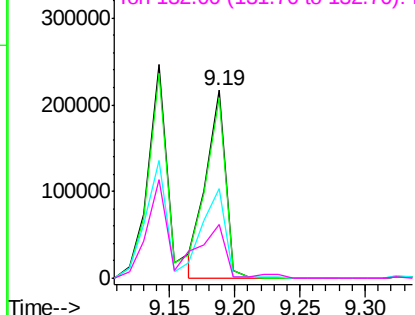
#43
 2,4,5-Trichlorophenol
 Concen: 50.26 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tgt Ion:196 Resp: 225580
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.5 116.3
 97 47.6 32.0 48.0
 132 28.5 20.9 31.3

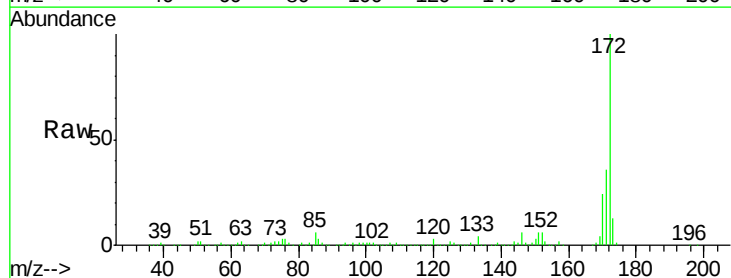


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

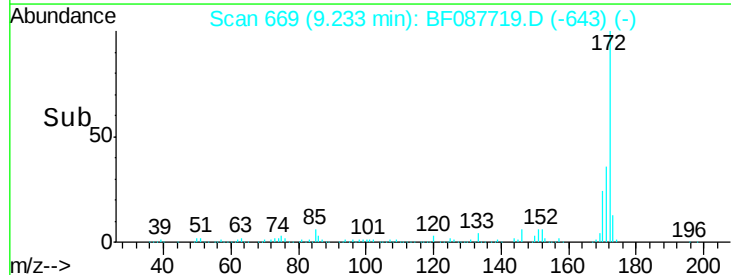
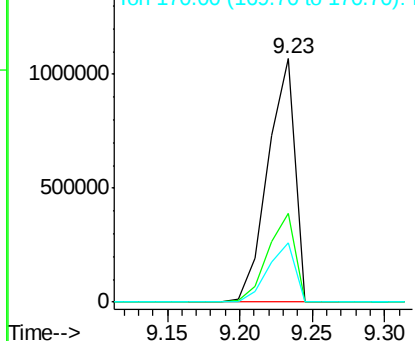


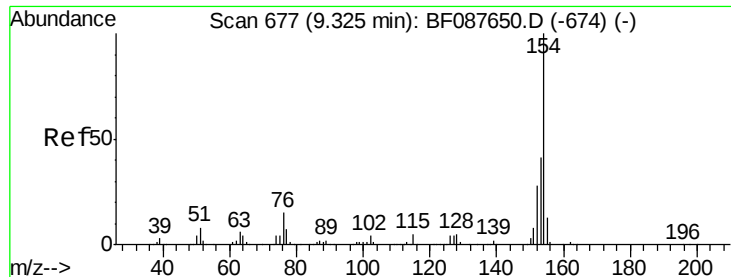
#44
 2-Fluorobiphenyl
 Concen: 94.93 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion:172 Resp: 1378603
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.4 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.39 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

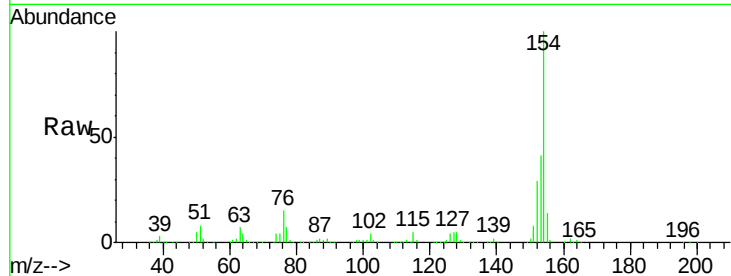
Tgt Ion:154 Resp: 816000

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

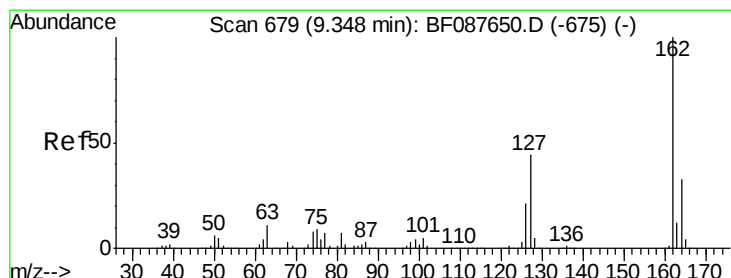
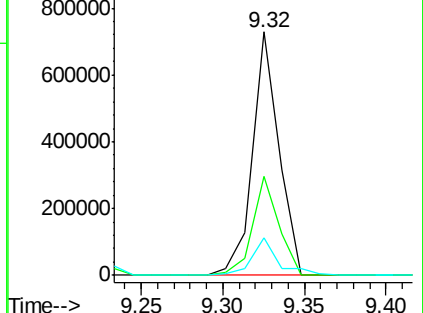
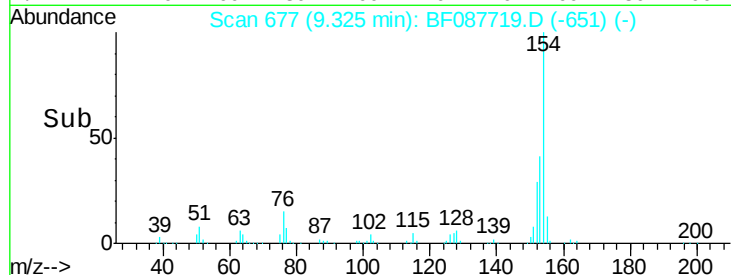
76 15.3 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.85 ng

RT: 9.35 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

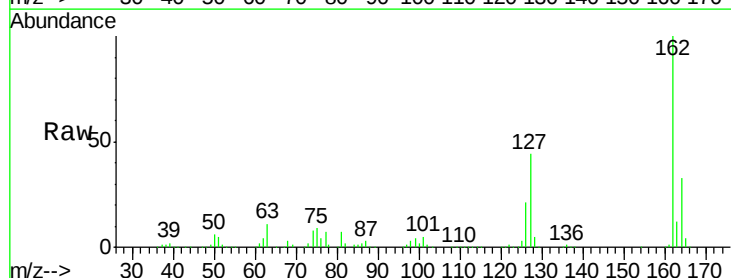
Tgt Ion:162 Resp: 656495

Ion Ratio Lower Upper

162 100

127 44.2 35.2 52.8

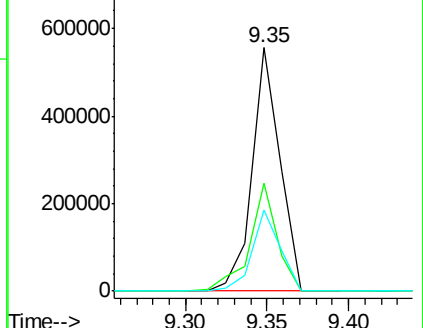
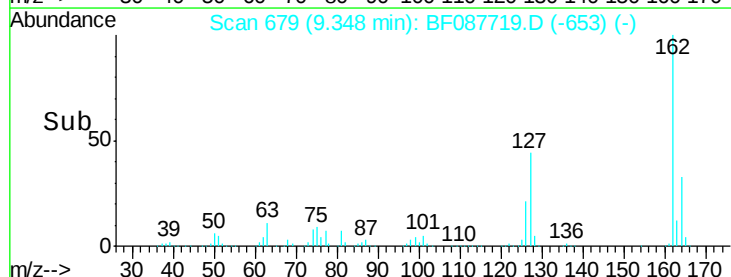
164 33.0 26.6 39.8

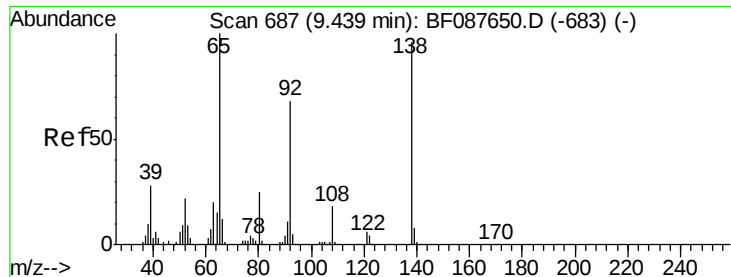


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 56.82 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

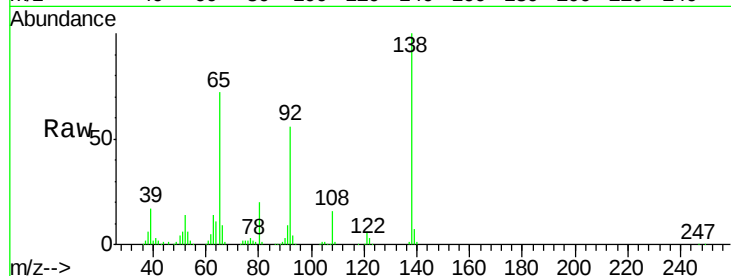
Tgt Ion: 65 Resp: 239502

Ion Ratio Lower Upper

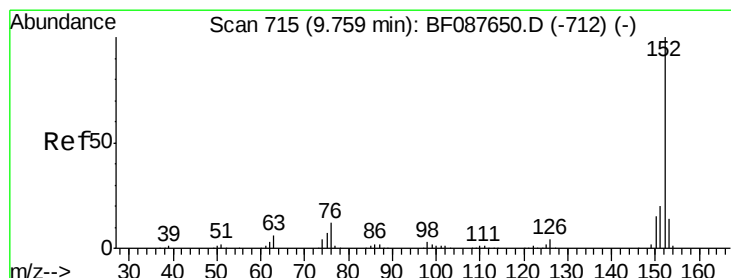
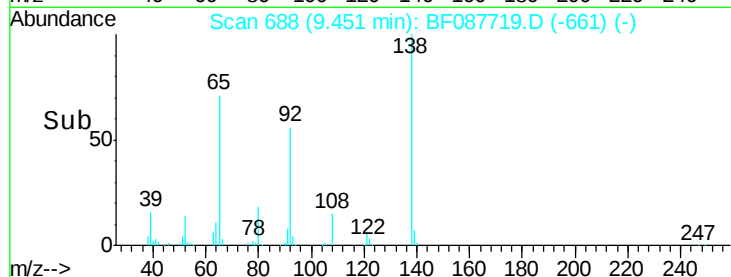
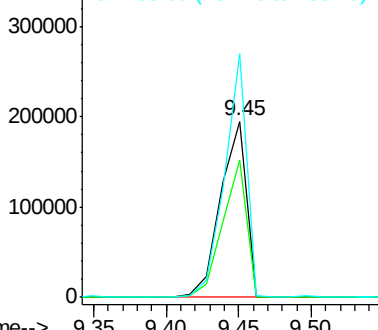
65 100

92 77.9 54.6 82.0

138 138.4 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 50.33 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

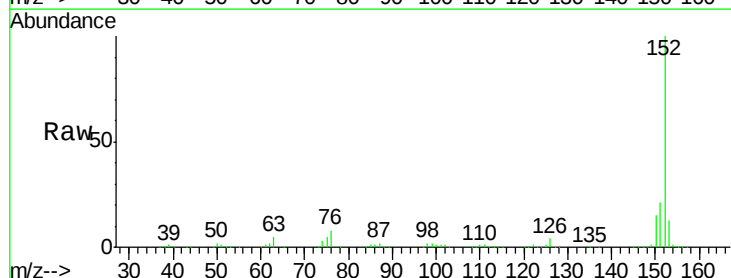
Tgt Ion: 152 Resp: 1174926

Ion Ratio Lower Upper

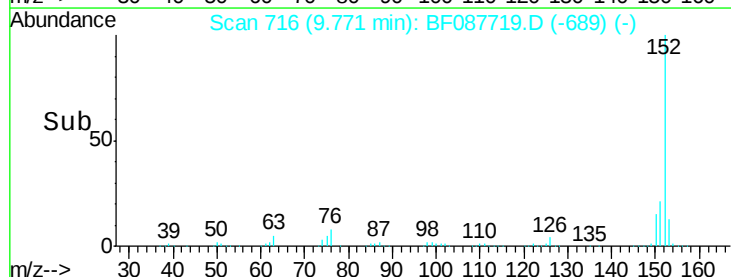
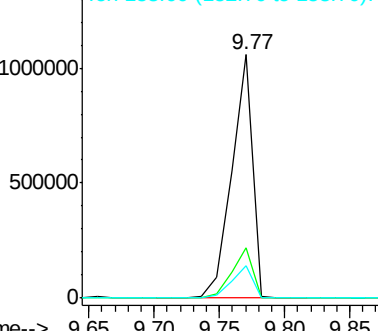
152 100

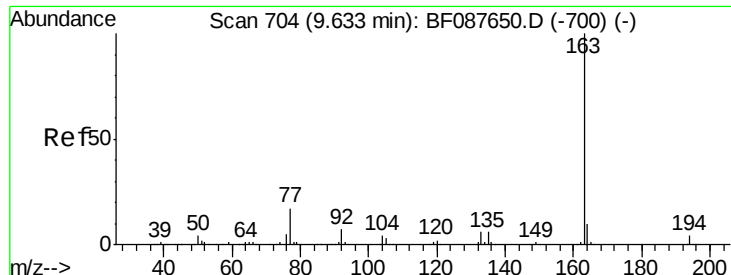
151 20.7 16.2 24.4

153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 51.21 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

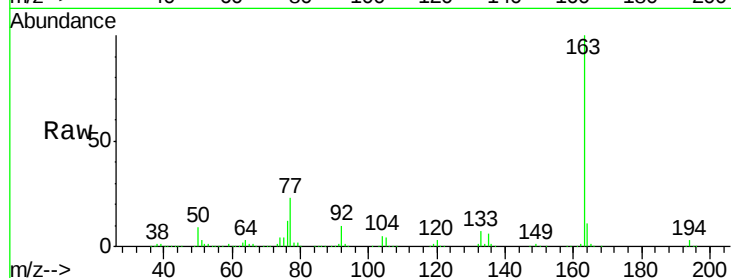
Tgt Ion:163 Resp: 862639

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

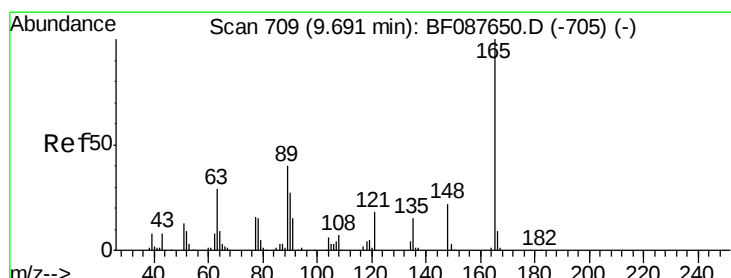
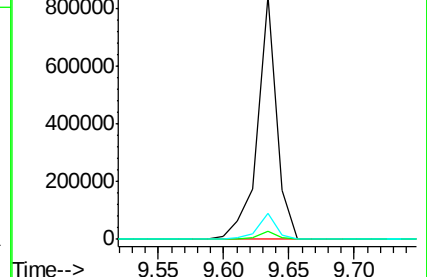
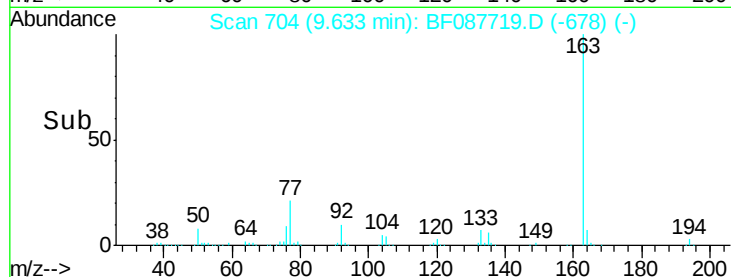
164 10.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.50 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

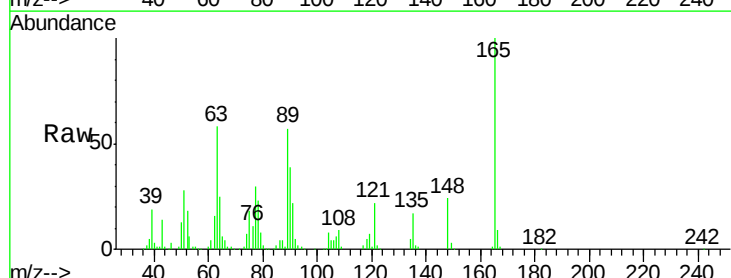
Tgt Ion:165 Resp: 182070

Ion Ratio Lower Upper

165 100

63 57.6 28.1 42.1#

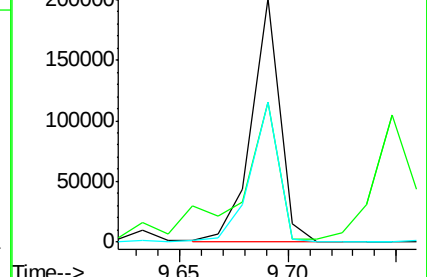
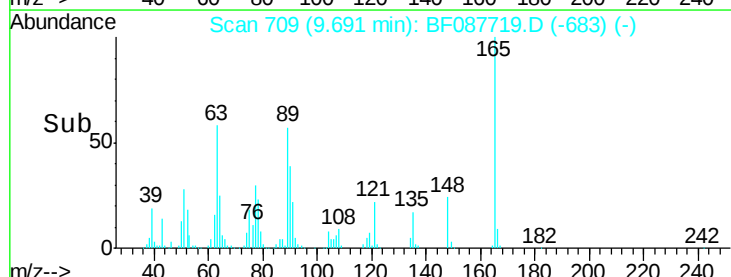
89 57.4 32.2 48.2#

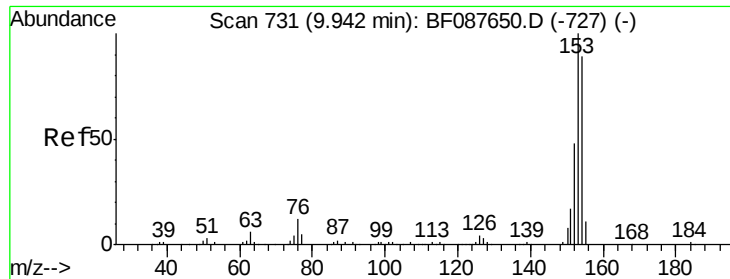


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

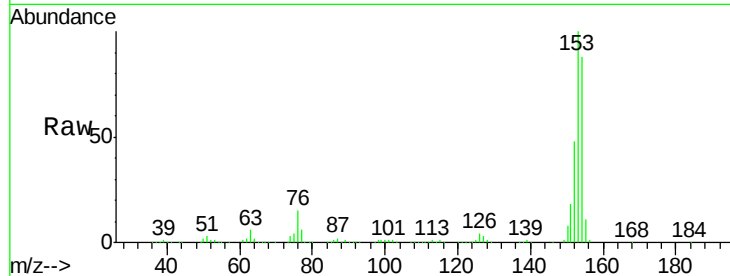




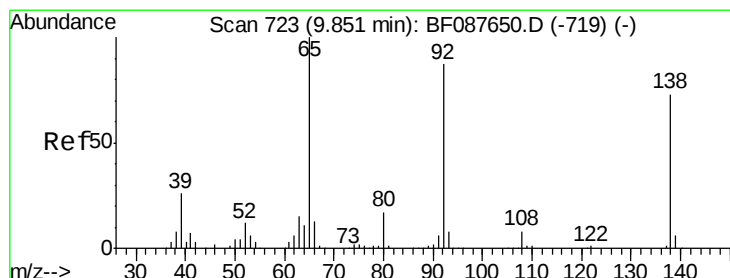
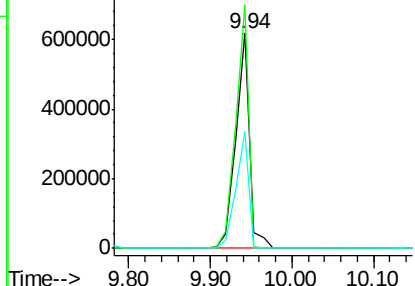
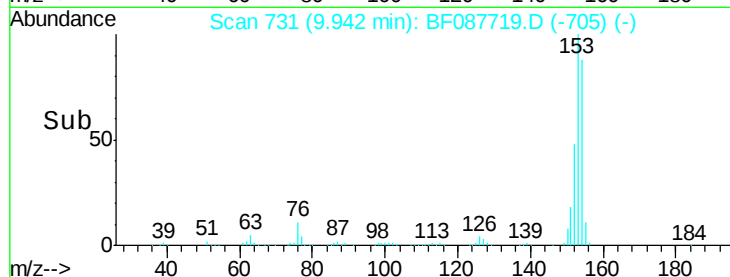
#51
Acenaphthene
Concen: 48.26 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion:154 Resp: 724885
Ion Ratio Lower Upper
154 100
153 113.1 89.5 134.3
152 54.1 42.7 64.1

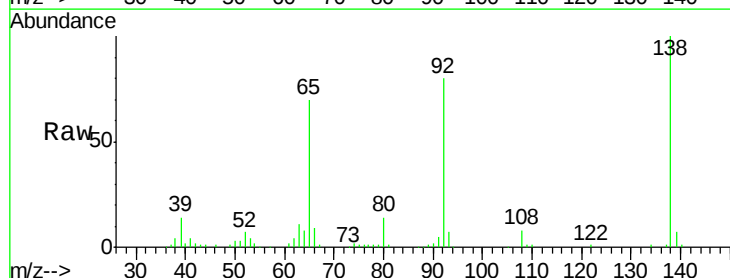


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

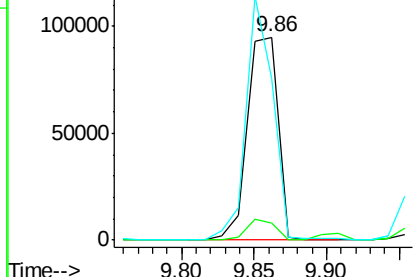
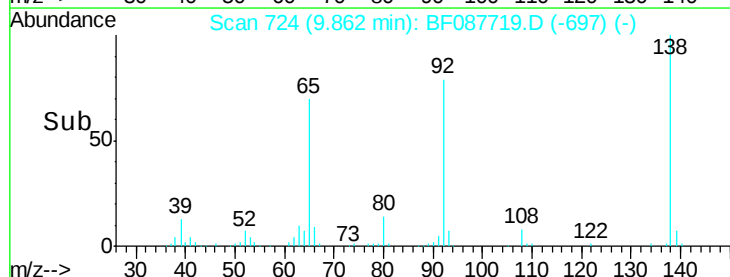


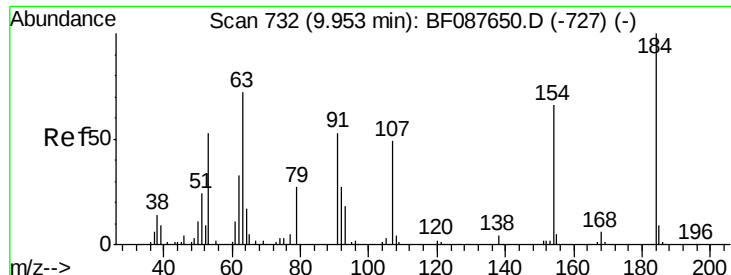
#52
3-Nitroaniline
Concen: 31.77 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion:138 Resp: 139288
Ion Ratio Lower Upper
138 100
108 8.2 8.5 12.7#
92 79.5 95.7 143.5#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

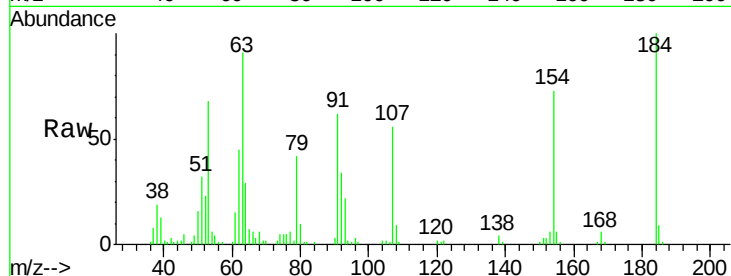




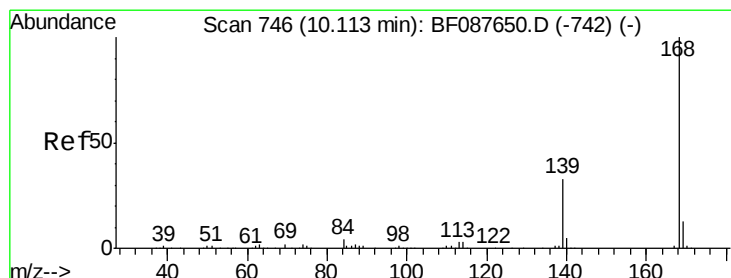
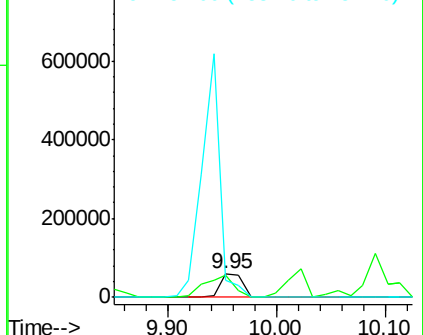
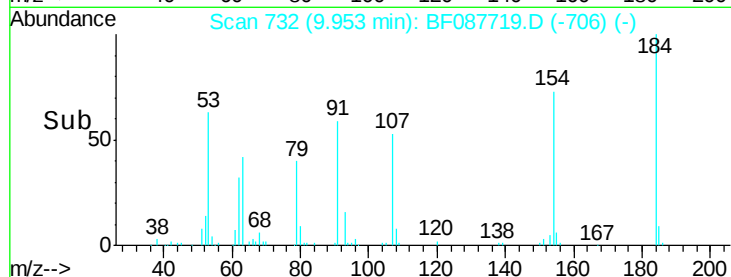
#53
2,4-Dinitrophenol
Concen: 51.02 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion:184 Resp: 86174
Ion Ratio Lower Upper
184 100
63 91.1 57.6 86.4#
154 73.3 53.5 80.3

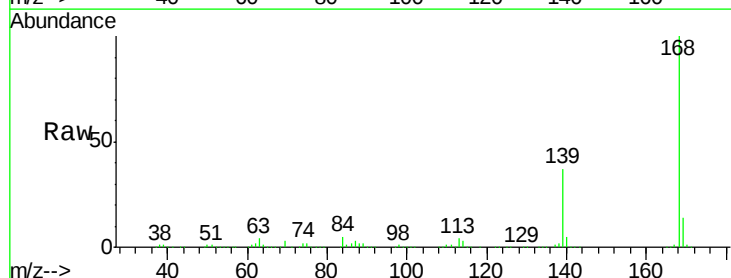


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

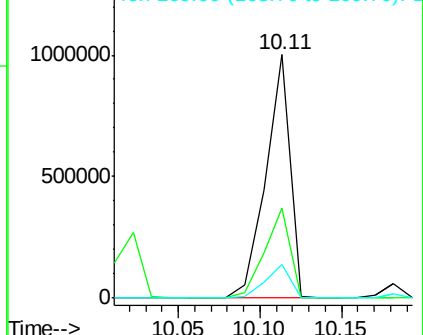
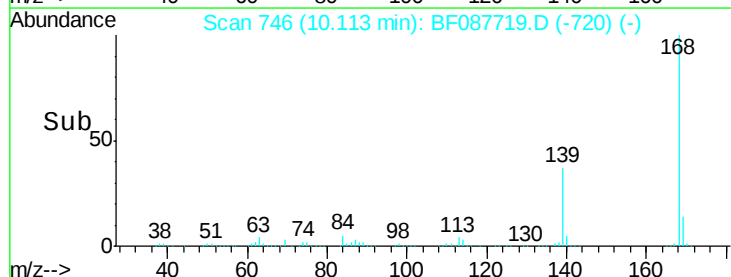


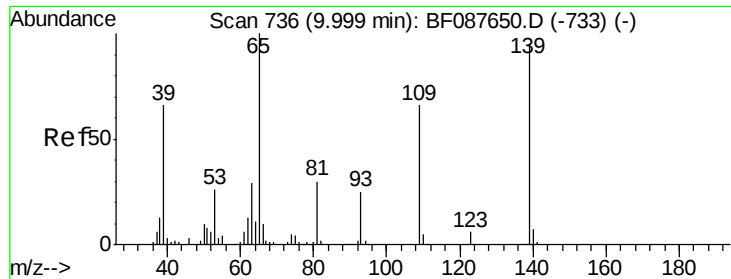
#54
Dibenzofuran
Concen: 50.76 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion:168 Resp: 1038066
Ion Ratio Lower Upper
168 100
139 37.2 26.4 39.6
169 13.6 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 84.66 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.02 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

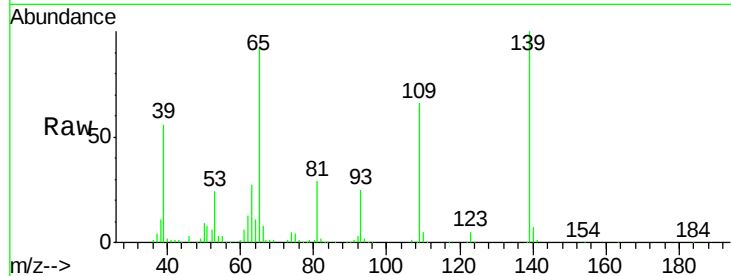
Tgt Ion:139 Resp: 317203

Ion Ratio Lower Upper

139 100

109 66.3 48.9 88.9

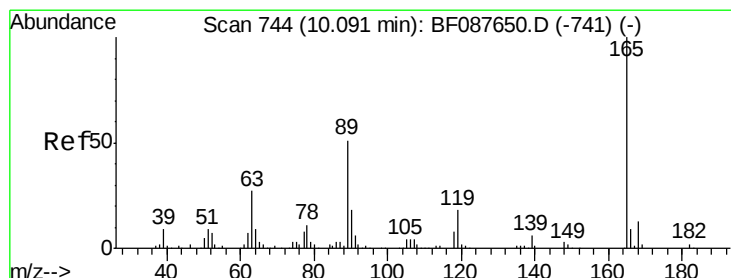
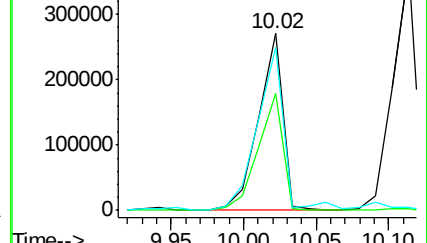
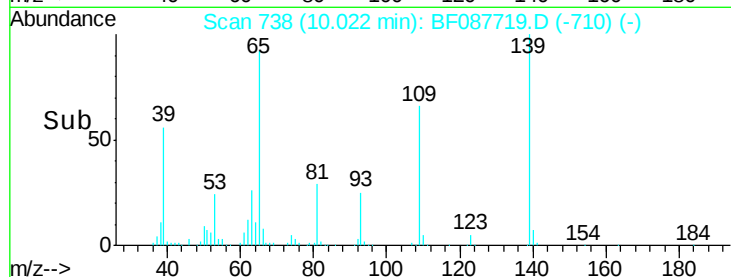
65 92.1 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.76 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Tgt Ion:165 Resp: 228208

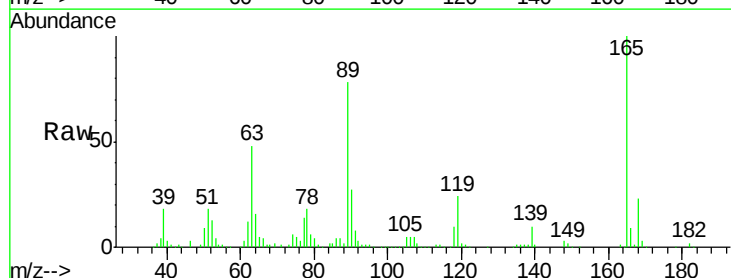
Ion Ratio Lower Upper

165 100

63 48.5 22.0 33.0#

89 77.6 41.1 61.7#

182 2.2 2.0 3.0

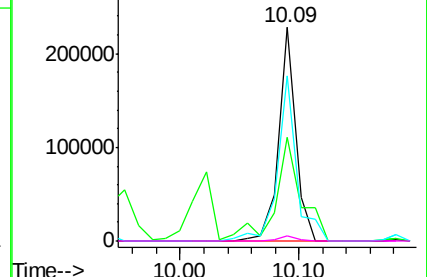
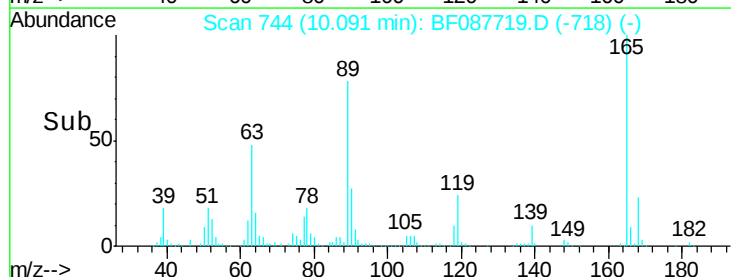


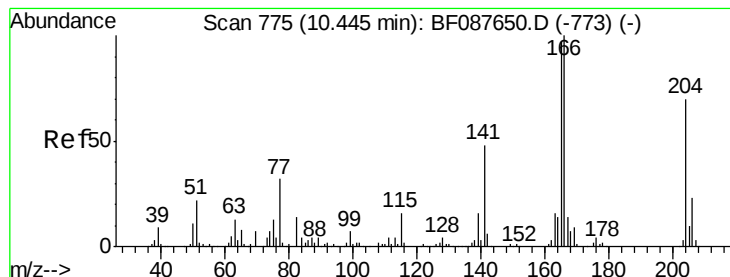
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.16 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

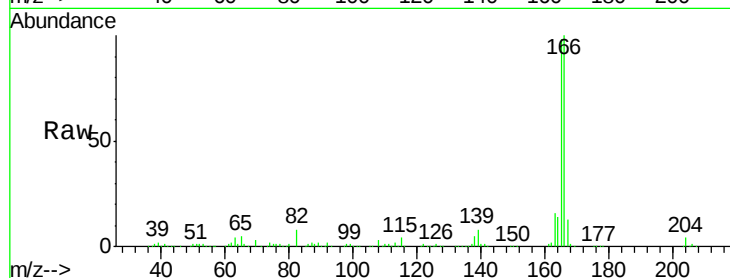
Tgt Ion:166 Resp: 753927

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.8

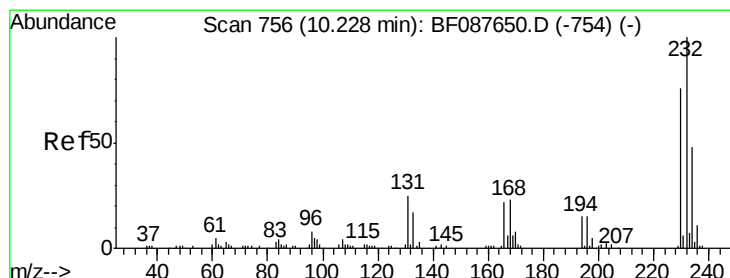
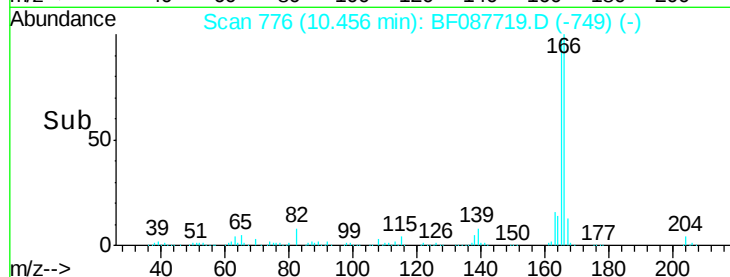
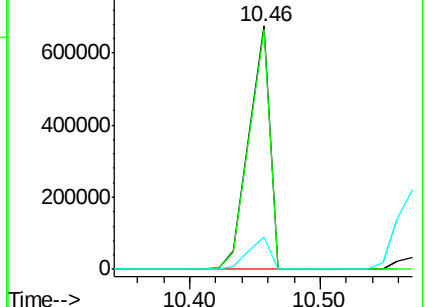
167 13.1 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.67 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Tgt Ion:232 Resp: 195906

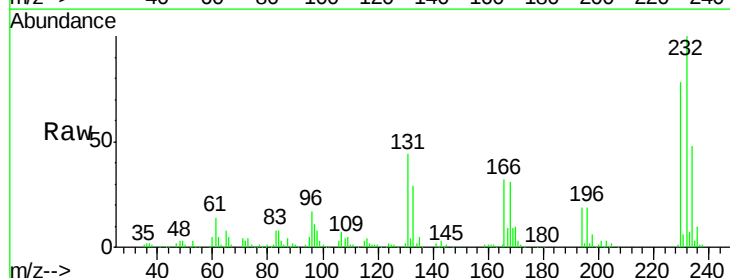
Ion Ratio Lower Upper

232 100

131 51.3 0.9 1.3#

130 2.6 1.5 2.3#

166 34.8 0.5 0.7#

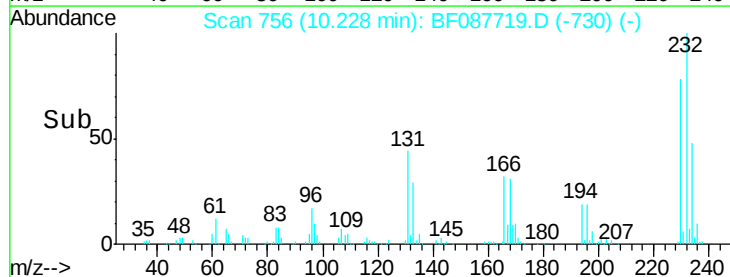
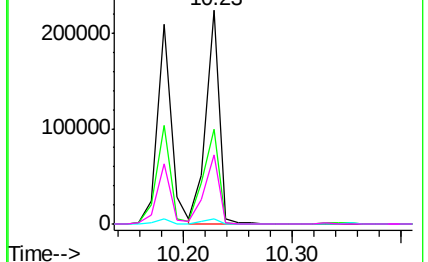


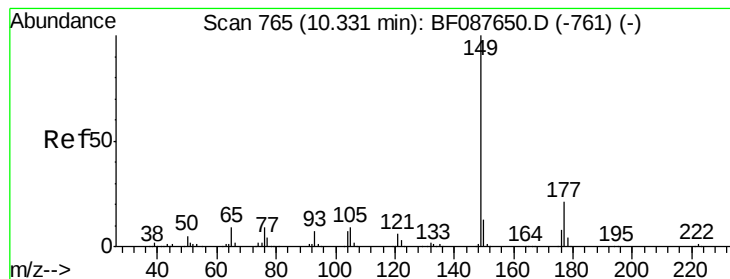
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.62 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

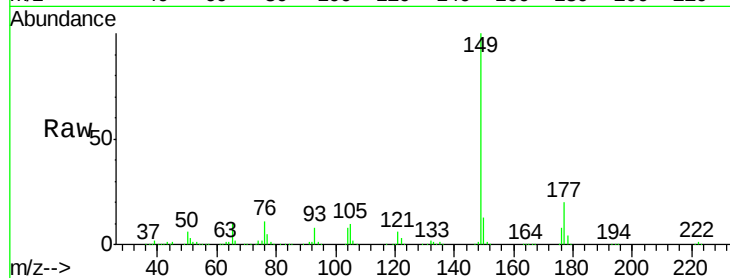
Tgt Ion:149 Resp: 754922

Ion Ratio Lower Upper

149 100

177 19.9 16.9 25.3

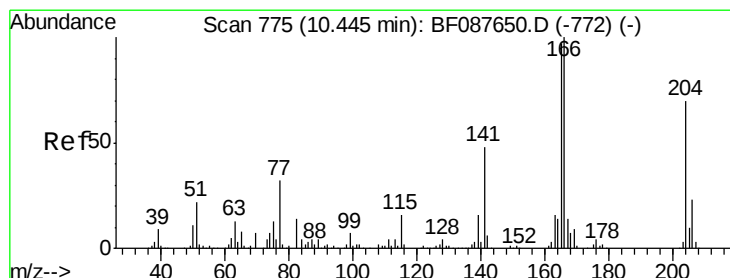
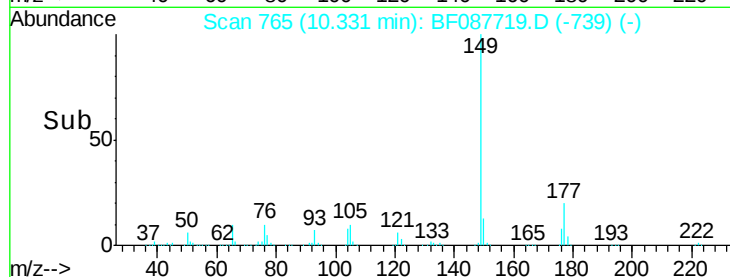
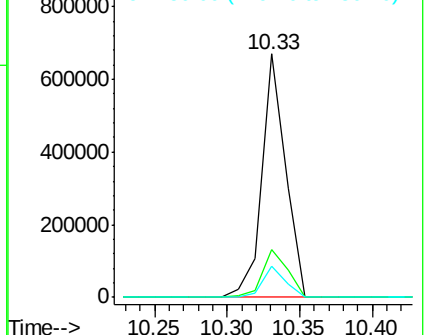
150 12.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 51.09 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

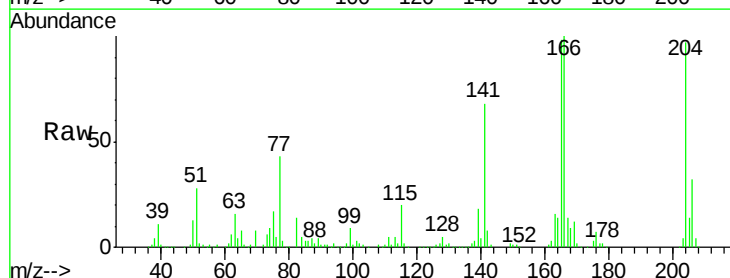
Tgt Ion:204 Resp: 296953

Ion Ratio Lower Upper

204 100

206 32.9 26.3 39.5

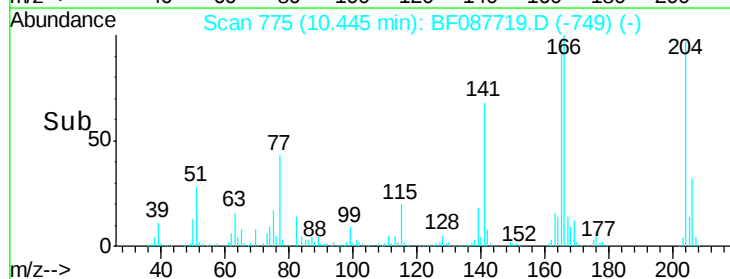
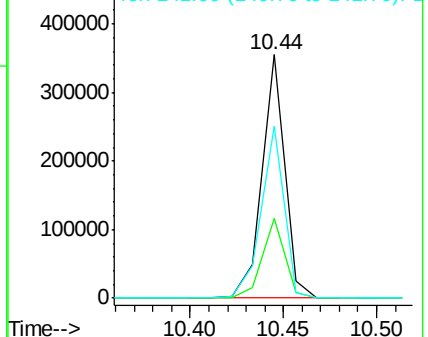
141 70.6 55.0 82.6

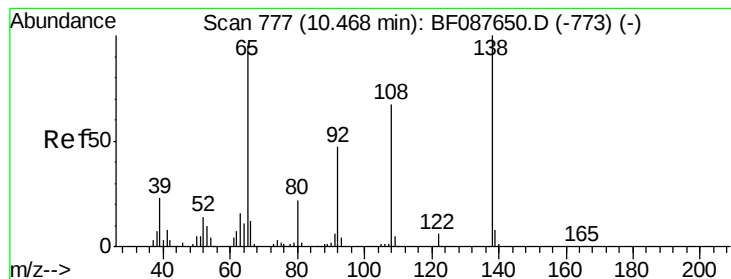


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 50.96 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

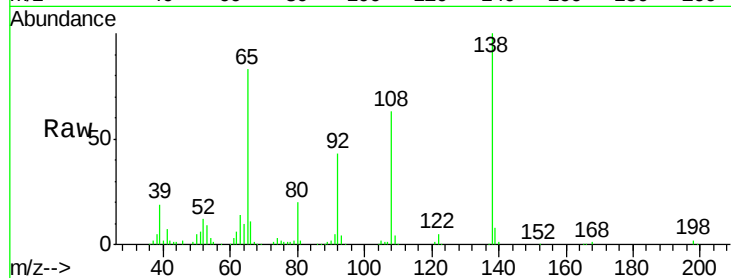
Tgt Ion:138 Resp: 214778

Ion Ratio Lower Upper

138 100

92 42.9 27.3 67.3

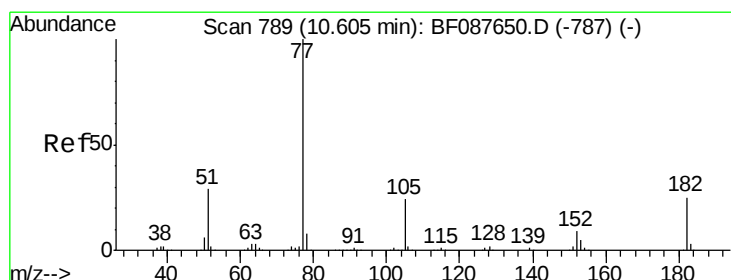
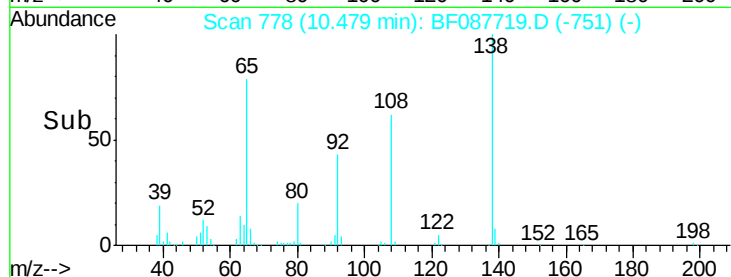
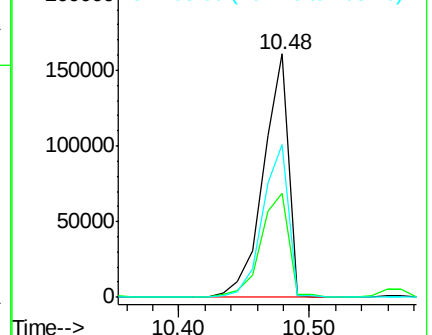
108 62.9 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.83 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Tgt Ion: 77 Resp: 814447

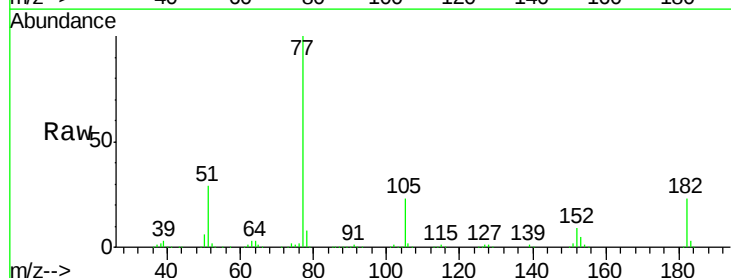
Ion Ratio Lower Upper

77 100

182 22.8 4.4 44.4

105 23.4 3.8 43.8

51 28.8 9.3 49.3

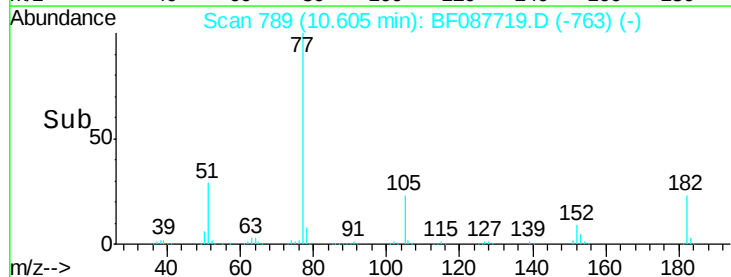
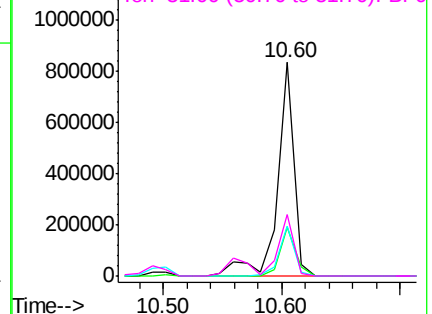


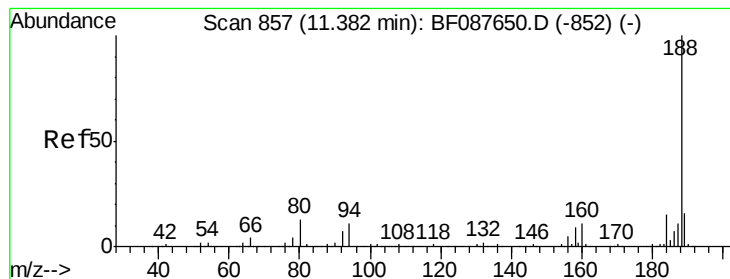
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

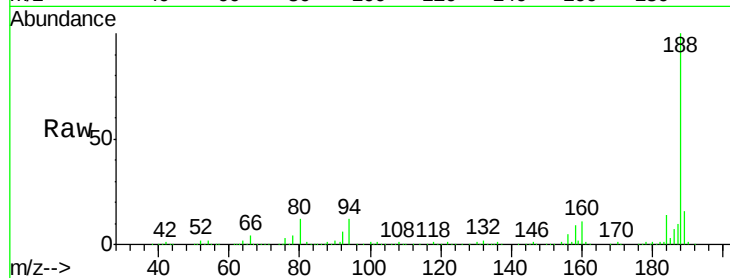
Tgt Ion:188 Resp: 414116

Ion Ratio Lower Upper

188 100

94 11.8 9.0 13.6

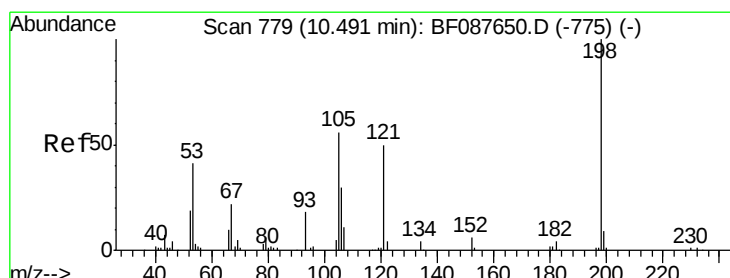
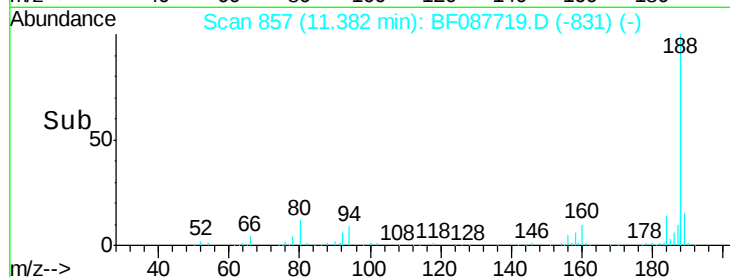
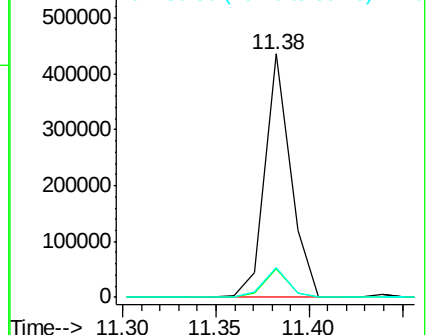
80 12.3 10.0 15.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 49.28 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

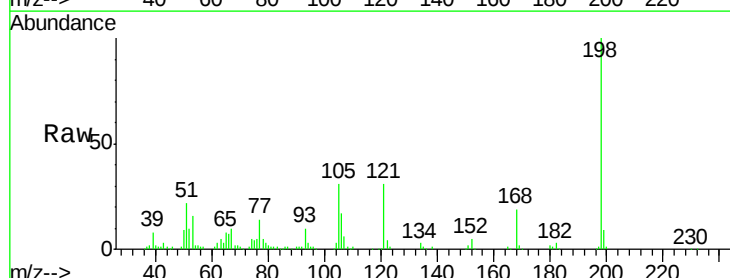
Tgt Ion:198 Resp: 113565

Ion Ratio Lower Upper

198 100

51 21.9 39.6 79.6#

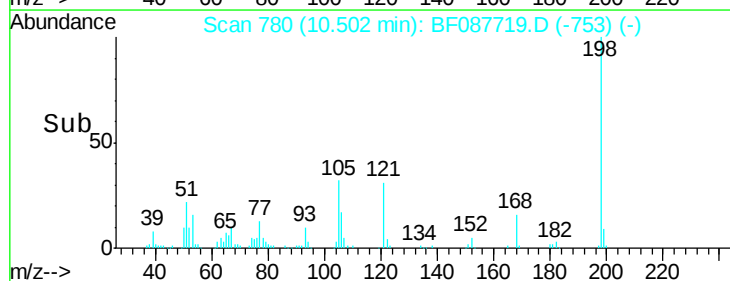
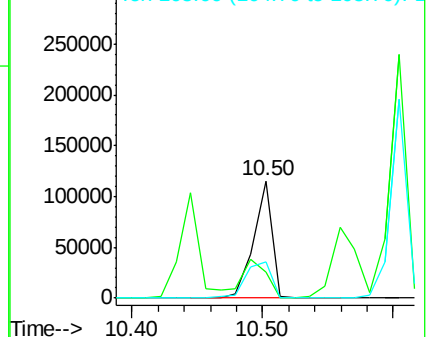
105 31.3 36.6 76.6#

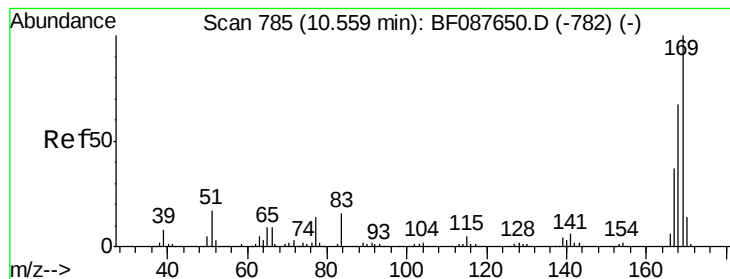


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 53.71 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

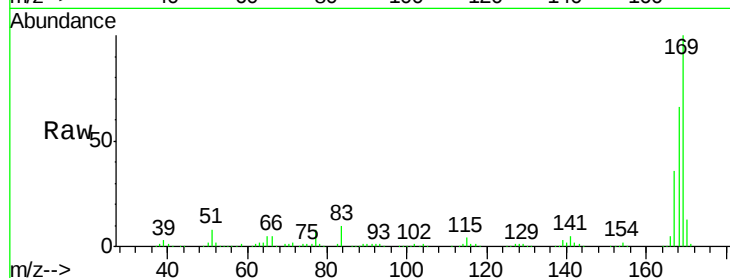
Tgt Ion:169 Resp: 728504

Ion Ratio Lower Upper

169 100

168 66.4 53.4 80.0

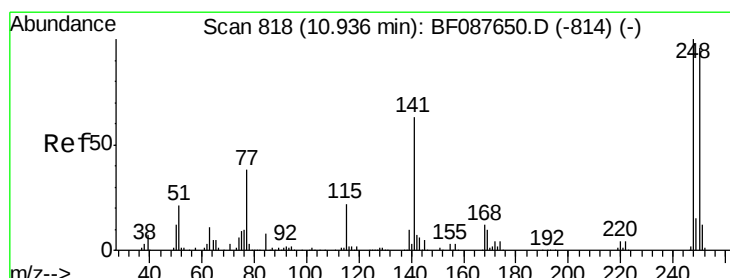
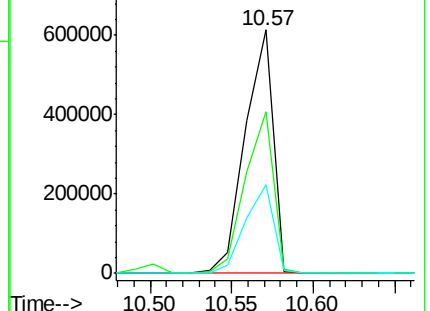
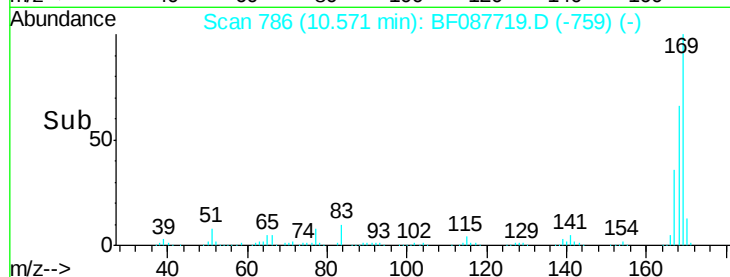
167 36.3 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.85 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

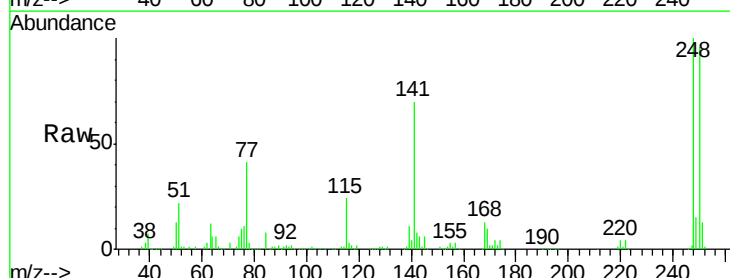
Tgt Ion:248 Resp: 212925

Ion Ratio Lower Upper

248 100

250 96.4 77.1 115.7

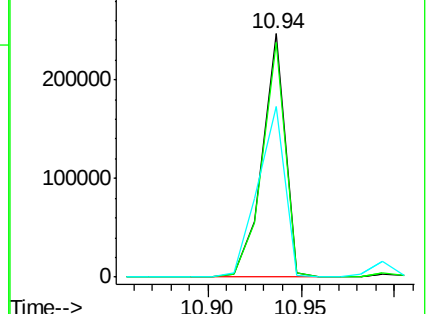
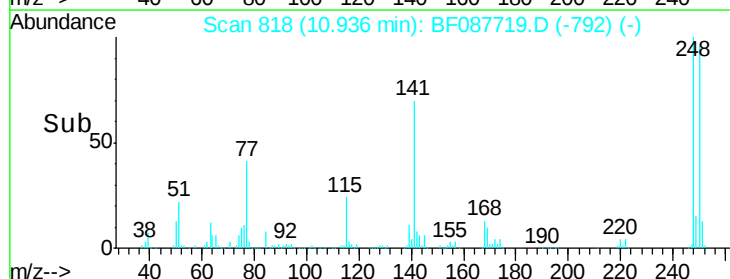
141 69.8 50.6 76.0

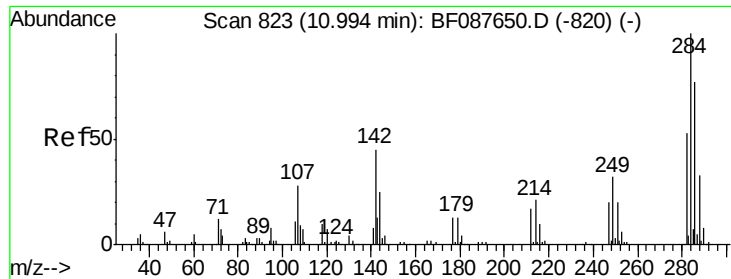


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.42 ng

RT: 10.99 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

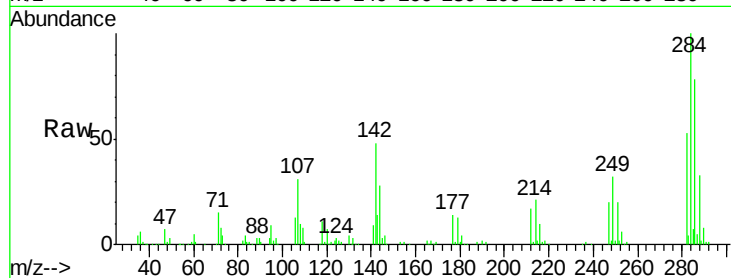
Tgt Ion:284 Resp: 213177

Ion Ratio Lower Upper

284 100

142 48.0 35.8 53.8

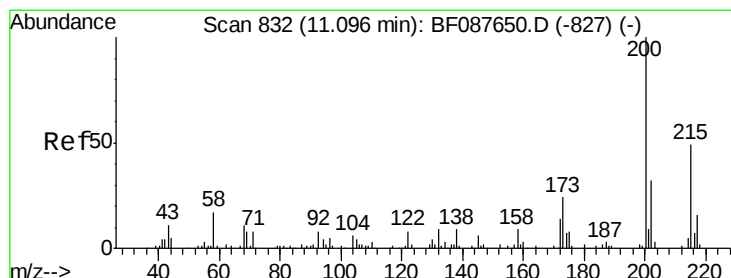
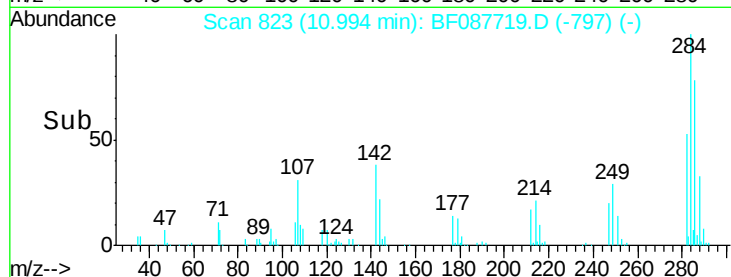
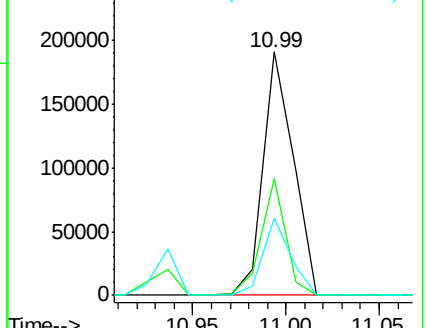
249 32.0 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.64 ng

RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

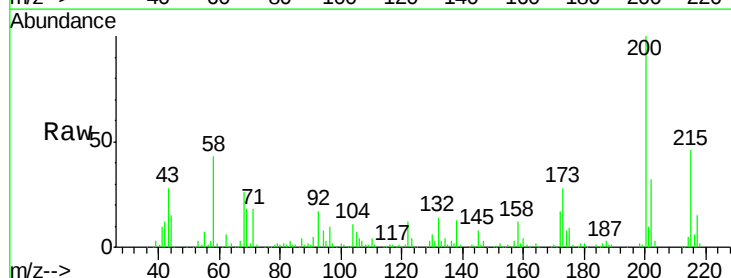
Tgt Ion:200 Resp: 211482

Ion Ratio Lower Upper

200 100

173 28.2 4.0 44.0

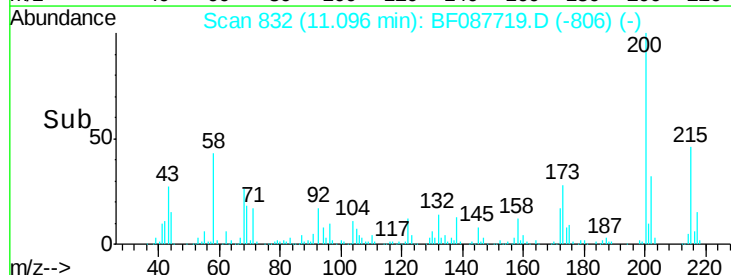
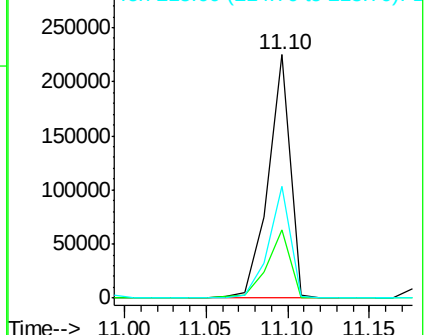
215 45.9 29.3 69.3

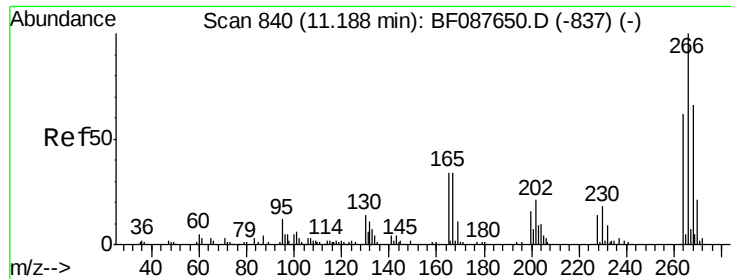


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

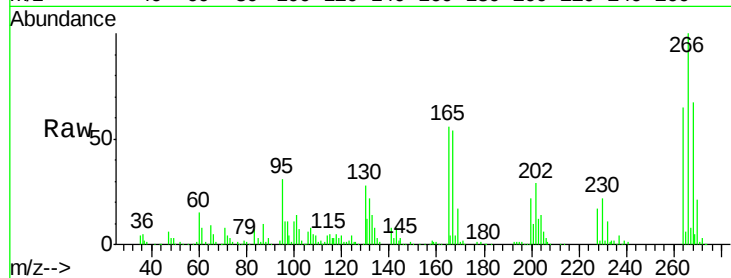




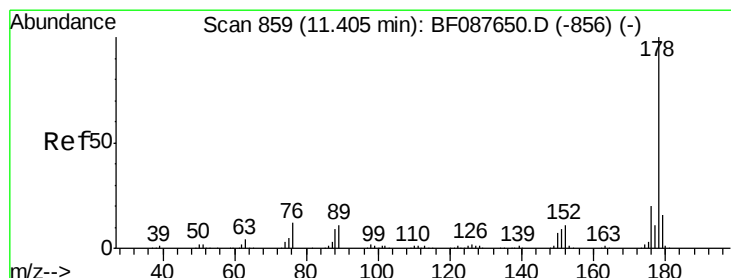
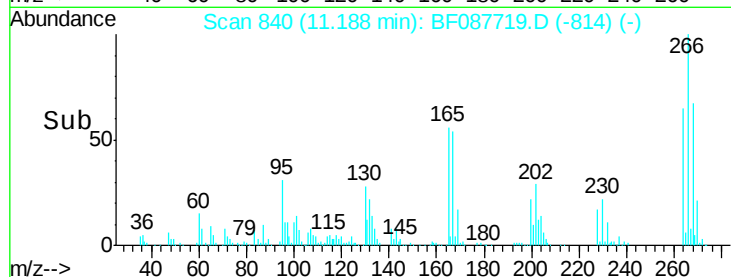
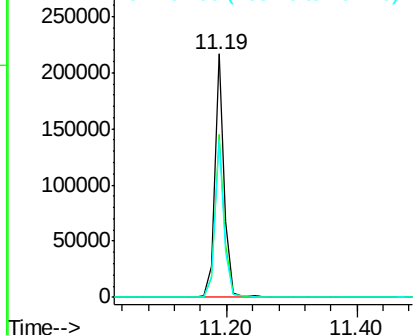
#69
 Pentachlorophenol
 Concen: 81.75 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tgt Ion: 266 Resp: 223055
 Ion Ratio Lower Upper
 266 100
 268 67.1 52.8 79.2
 264 65.1 49.6 74.4

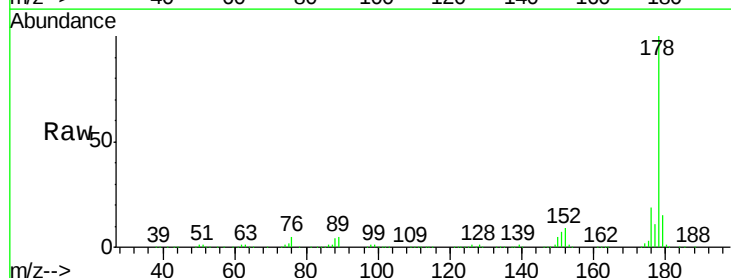


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

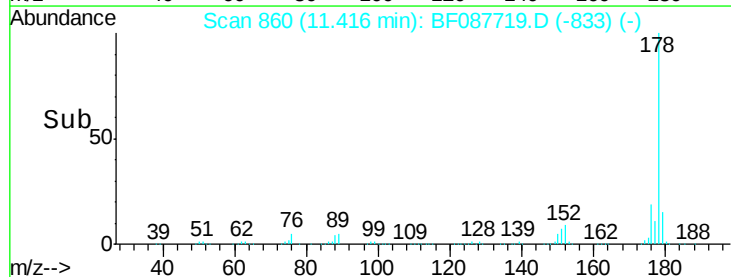
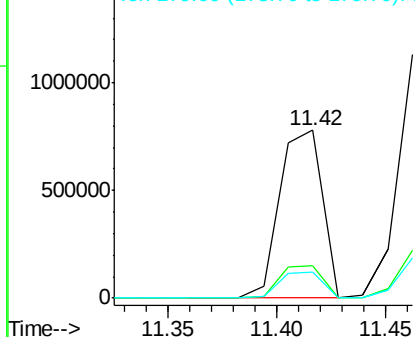


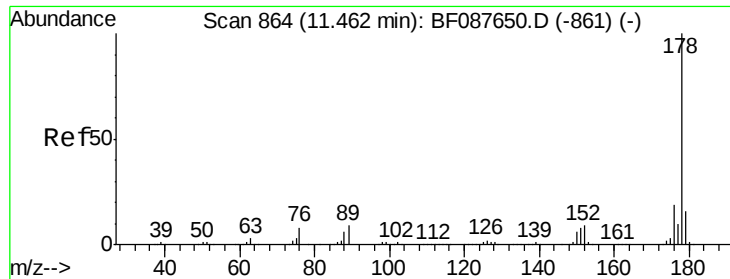
#70
 Phenanthrene
 Concen: 47.87 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion: 178 Resp: 1074830
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.4 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

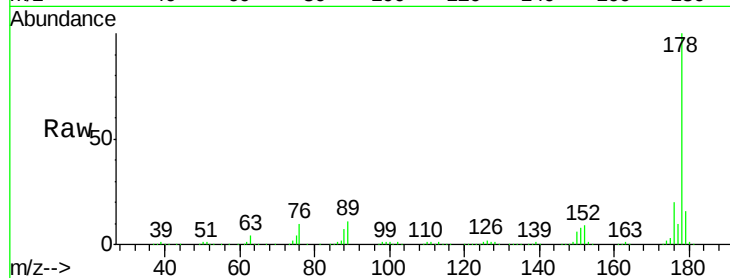




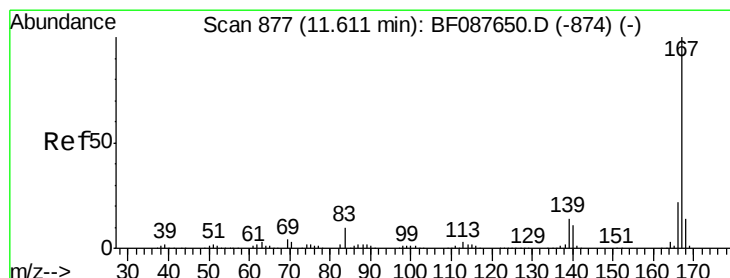
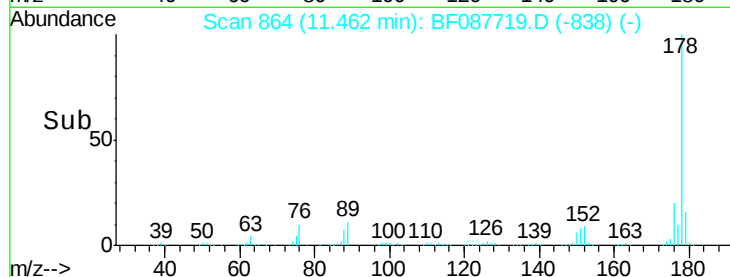
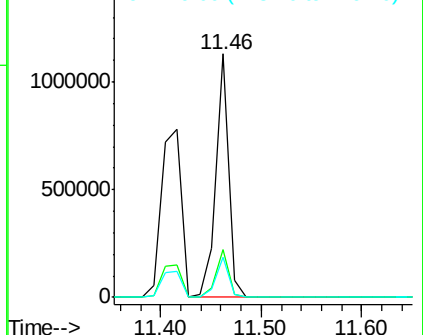
#71
 Anthracene
 Concen: 44.50 ng
 RT: 11.46 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tgt Ion:178 Resp: 1001179
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 16.3 12.8 19.2

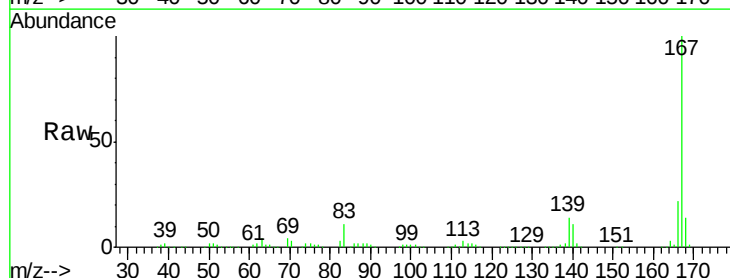


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

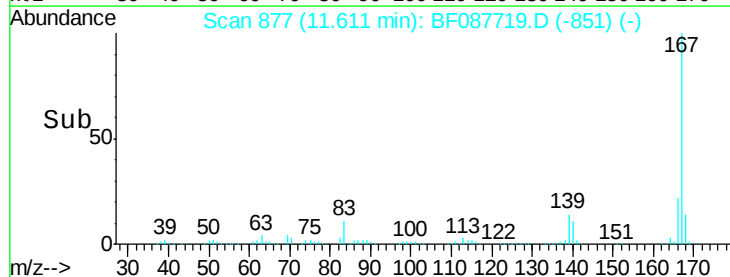
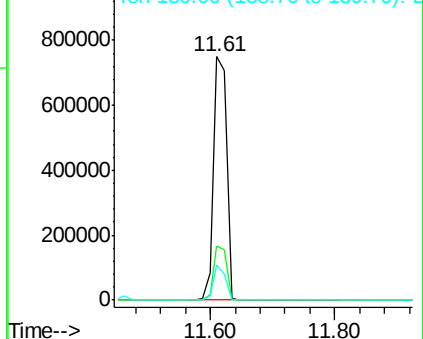


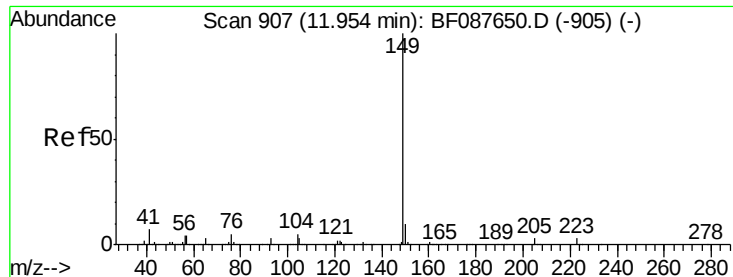
#72
 Carbazole
 Concen: 50.05 ng
 RT: 11.61 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion:167 Resp: 1065888
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.2 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

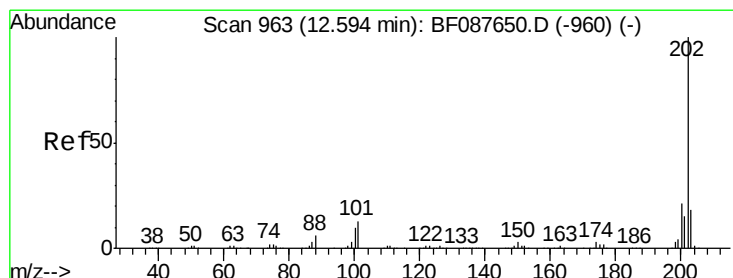
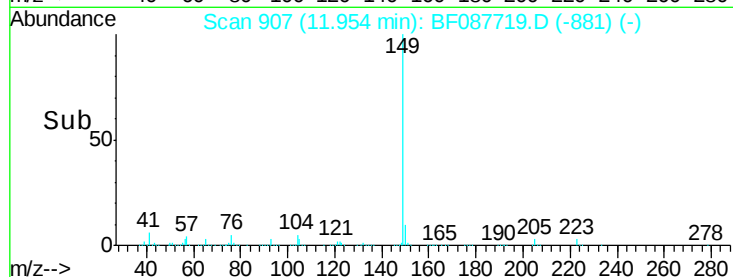
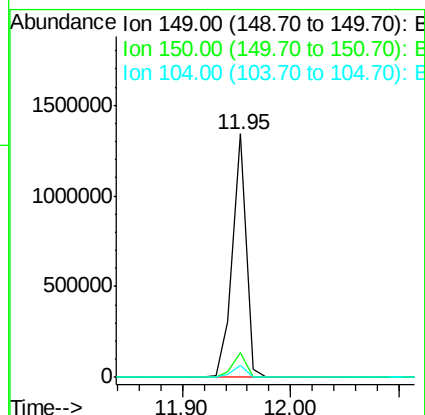
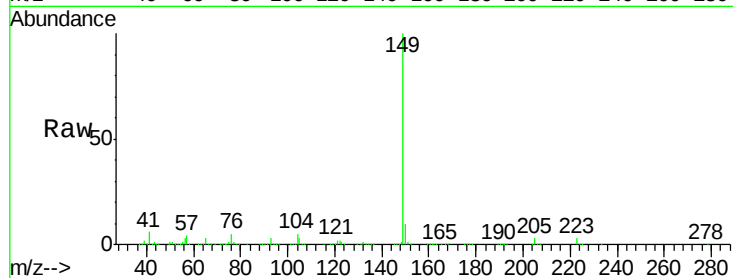




#73
Di-n-butylphthalate
Concen: 51.19 ng
RT: 11.95 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

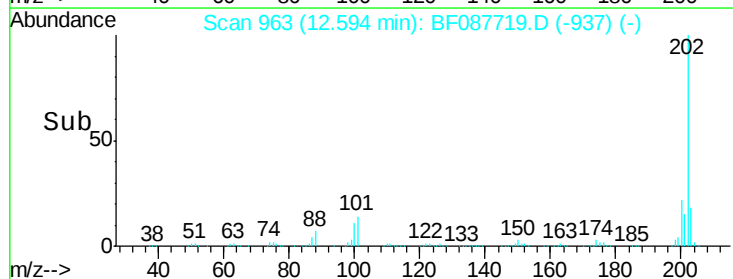
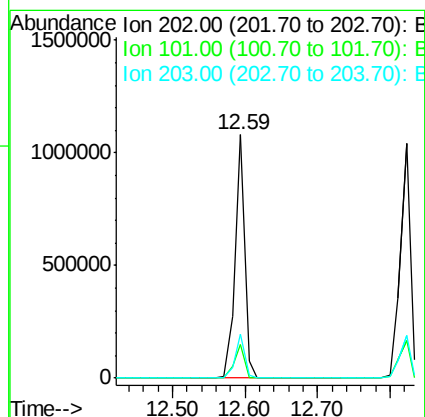
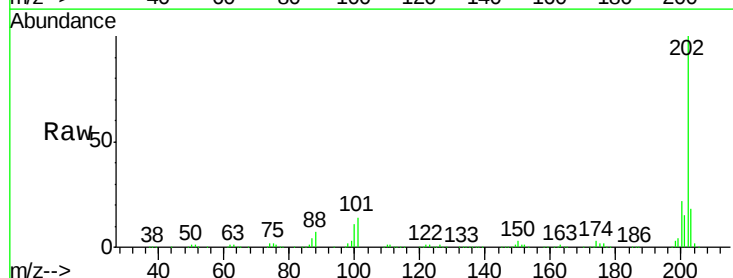
Instrument :
BNA_F
ClientSampleId :
SB-2MS

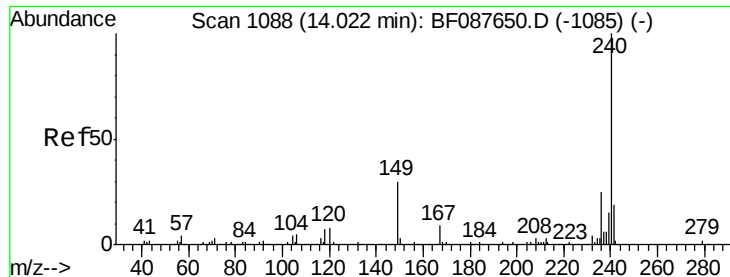
Tgt Ion:149 Resp: 1168910
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 5.0 4.0 6.0



#74
Fluoranthene
Concen: 44.95 ng
RT: 12.59 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion:202 Resp: 993131
Ion Ratio Lower Upper
202 100
101 13.9 0.0 33.1
203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

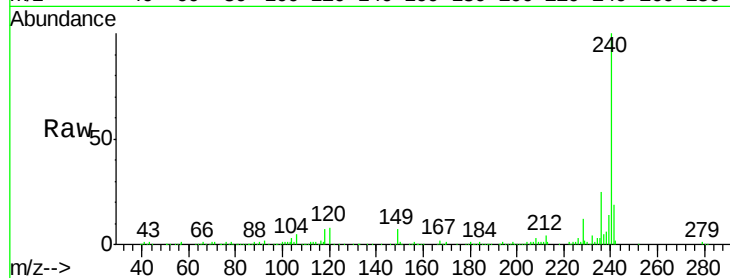
Tgt Ion:240 Resp: 285585

Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

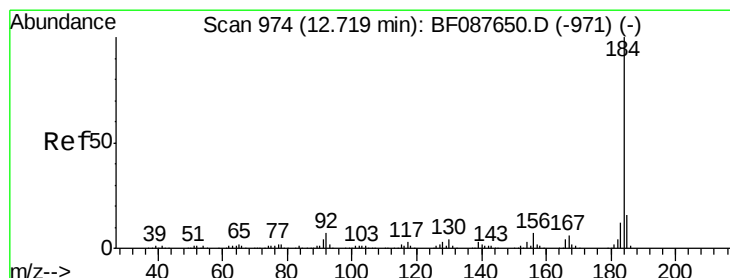
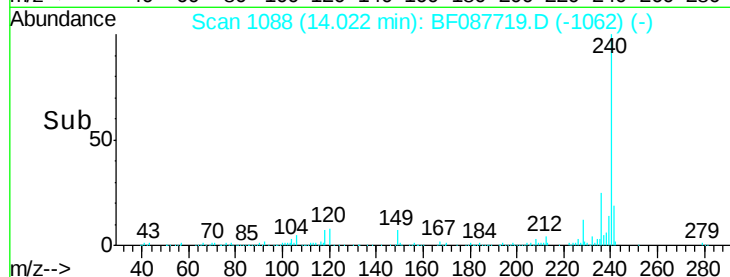
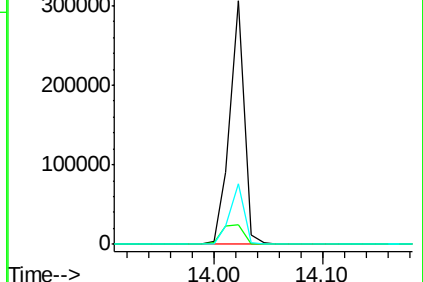
236 25.1 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.97 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

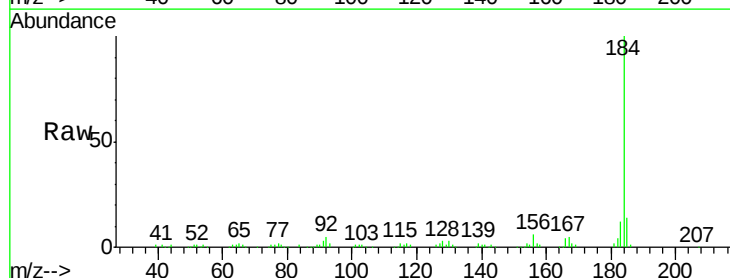
Tgt Ion:184 Resp: 202398

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

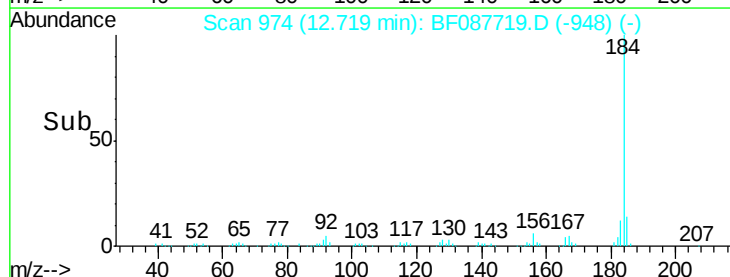
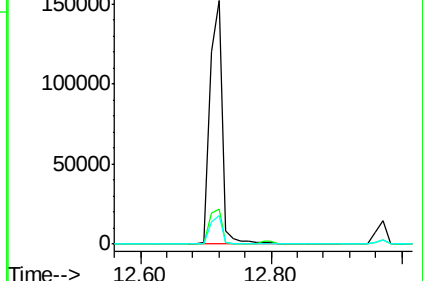
183 11.5 9.3 13.9

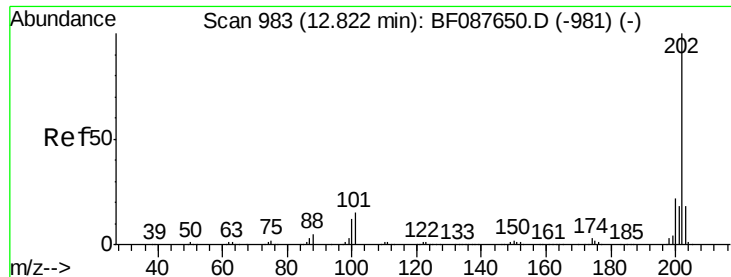


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

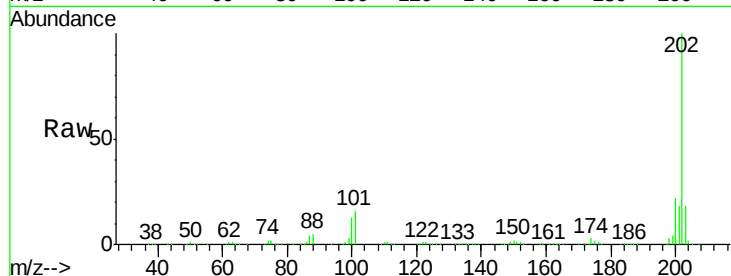




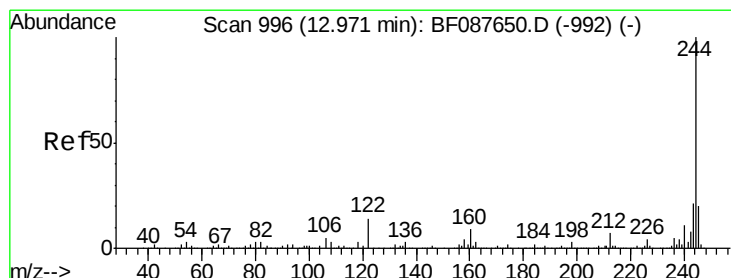
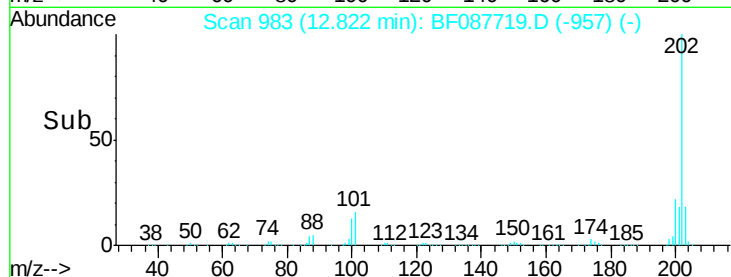
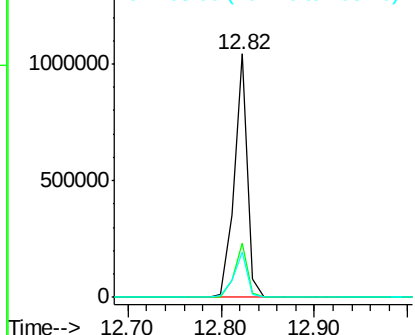
#77
 Pyrene
 Concen: 50.52 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tgt Ion:202 Resp: 1027462
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.4 26.2
 203 18.4 14.5 21.7

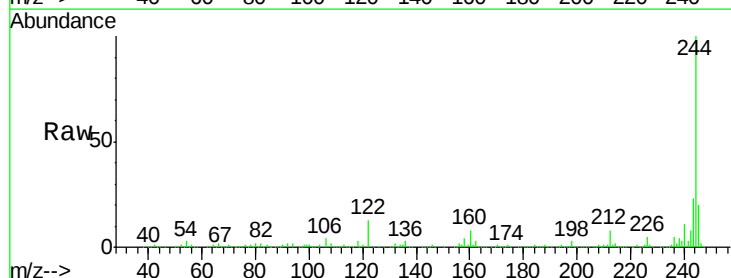


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

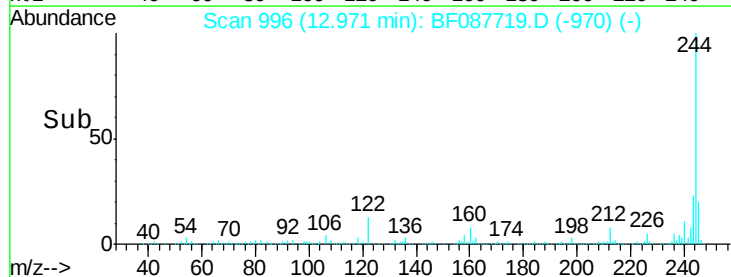
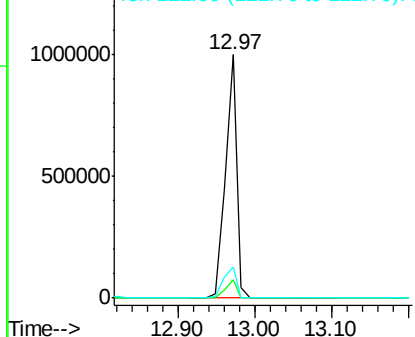


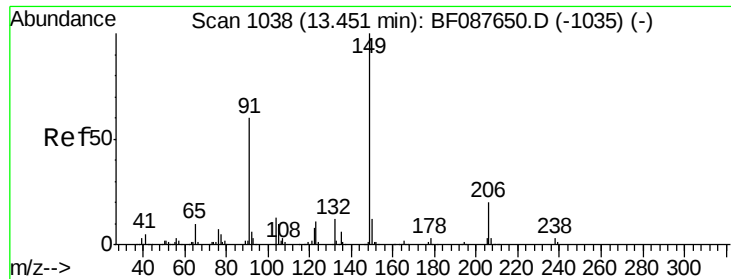
#78
 Terphenyl-d14
 Concen: 88.73 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion:244 Resp: 1038429
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 12.7 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

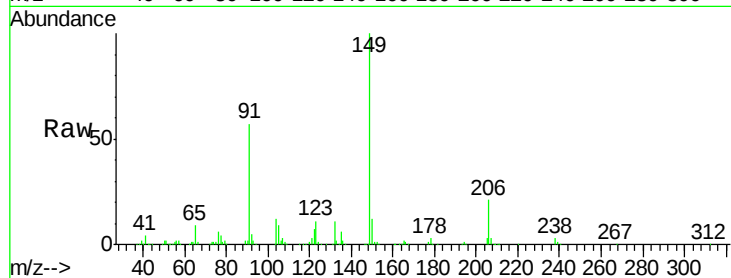




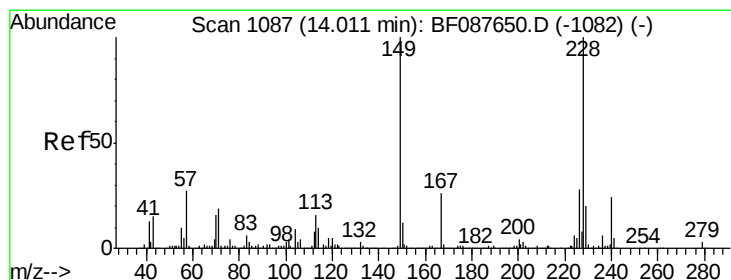
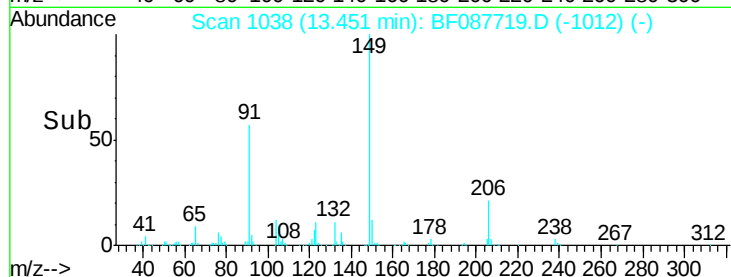
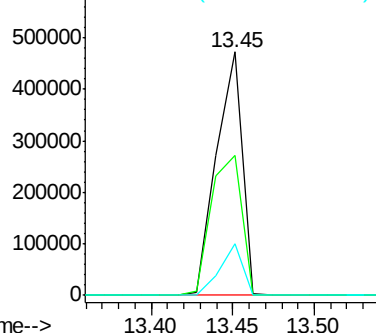
#79
Butylbenzylphthalate
Concen: 59.89 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion:149 Resp: 518326
Ion Ratio Lower Upper
149 100
91 57.4 48.0 72.0
206 21.4 16.0 24.0

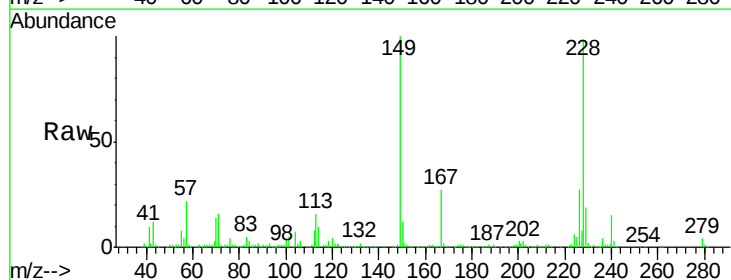


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

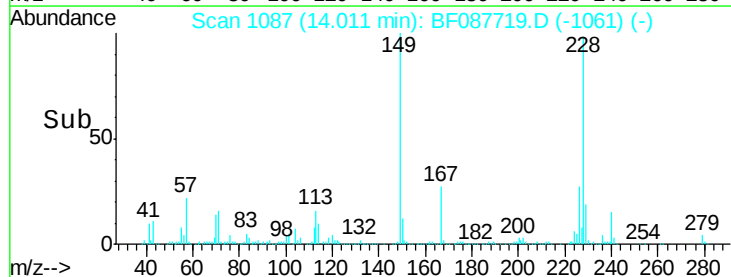
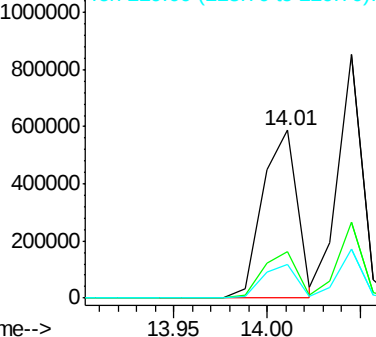


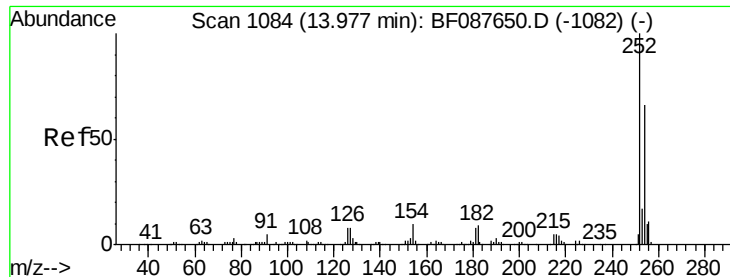
#80
Benzo(a)anthracene
Concen: 46.17 ng
RT: 14.01 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion:228 Resp: 760998
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 19.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

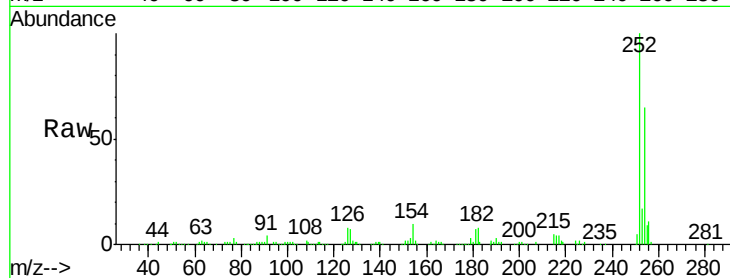




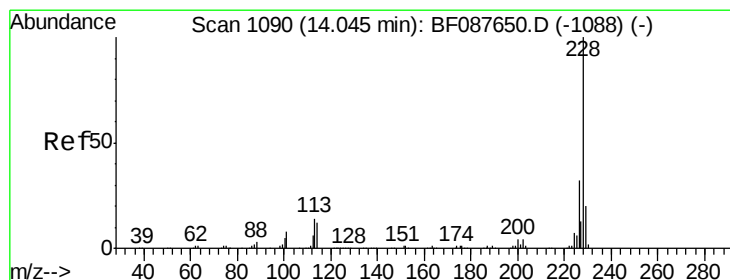
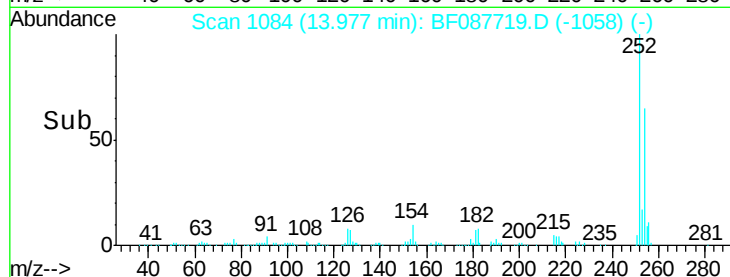
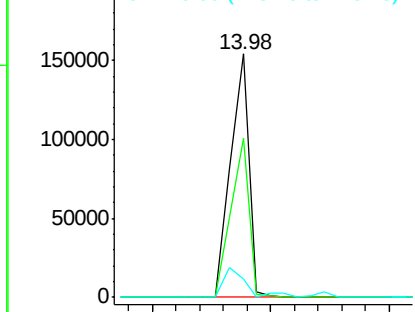
#81
 3,3'-Dichlorobenzidine
 Concen: 35.70 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Tgt Ion:252 Resp: 166015
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.6 78.8
 126 7.5 6.2 9.2

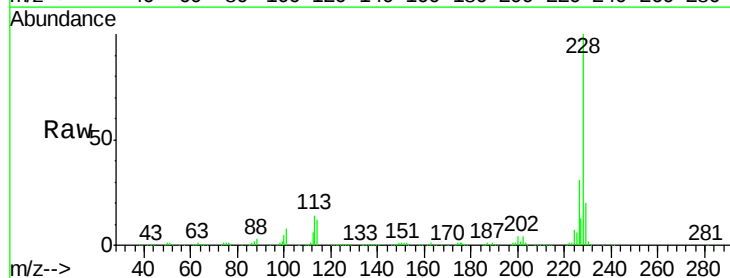


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

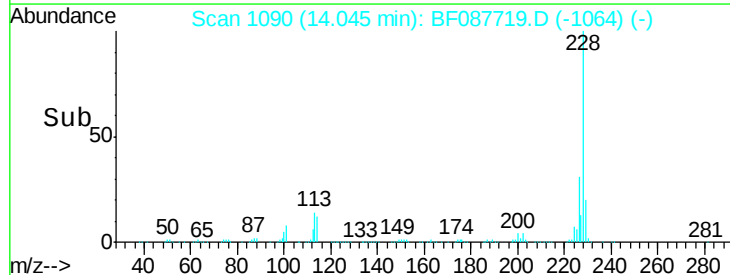
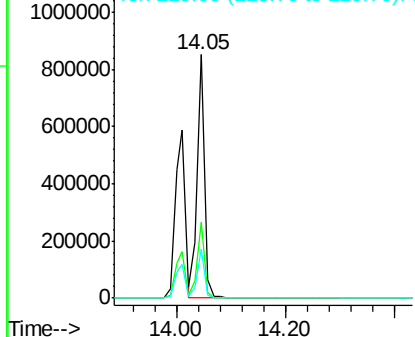


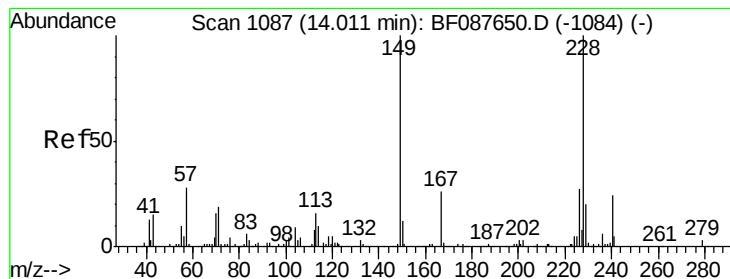
#82
 Chrysene
 Concen: 47.64 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion:228 Resp: 781518
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.2
 229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.16 ng

RT: 14.01 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

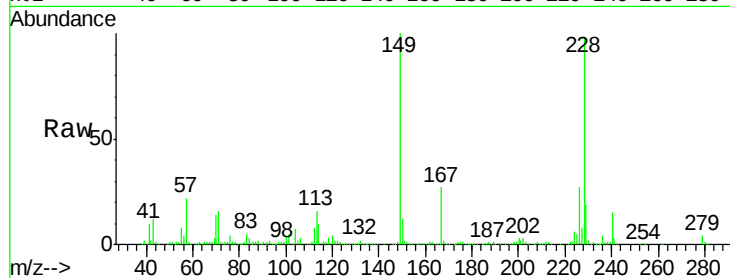
Tgt Ion:149 Resp: 588716

Ion Ratio Lower Upper

149 100

167 26.8 20.5 30.7

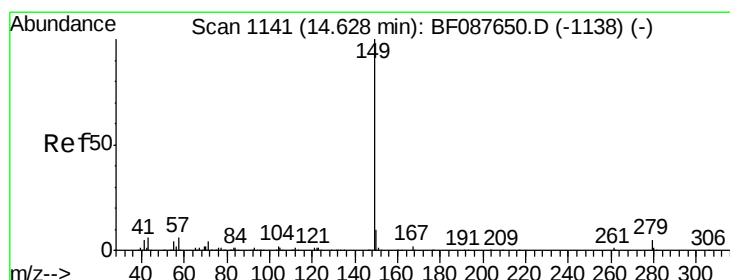
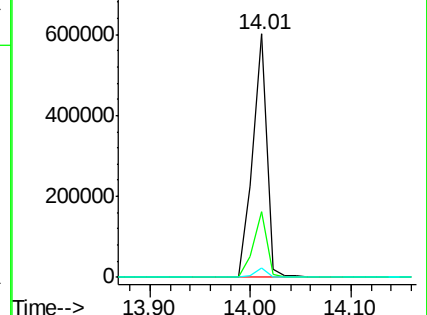
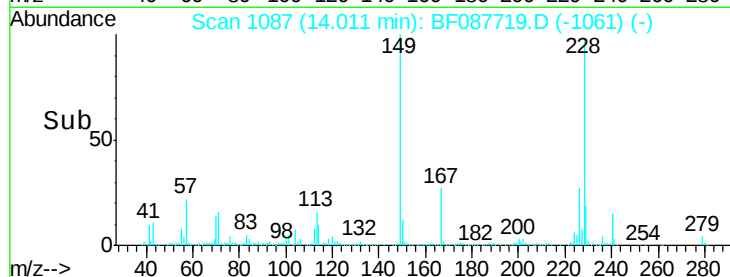
279 3.6 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.42 ng

RT: 14.62 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

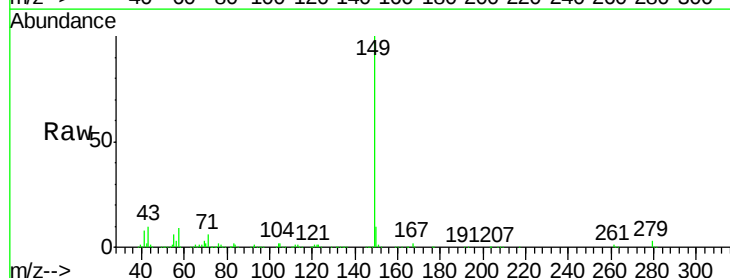
Tgt Ion:149 Resp: 1003807

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

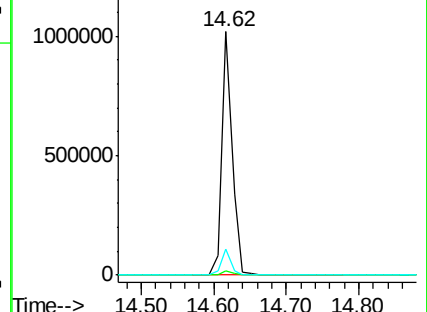
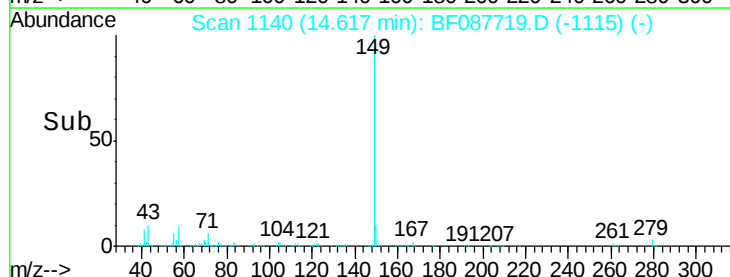
43 9.7 0.0 0.0#

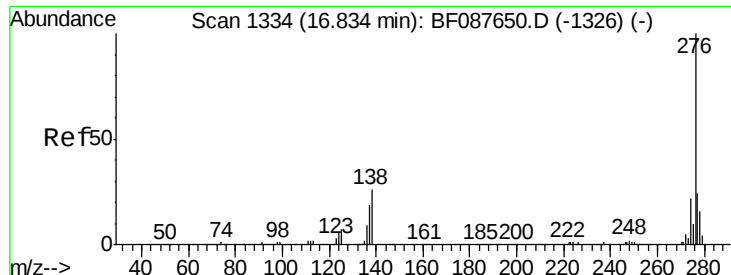


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

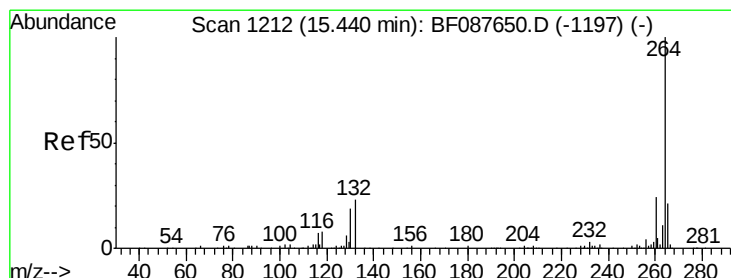
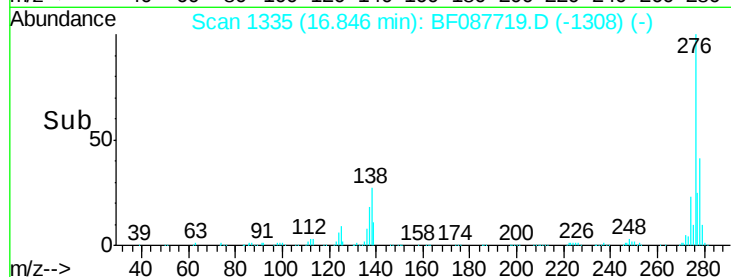
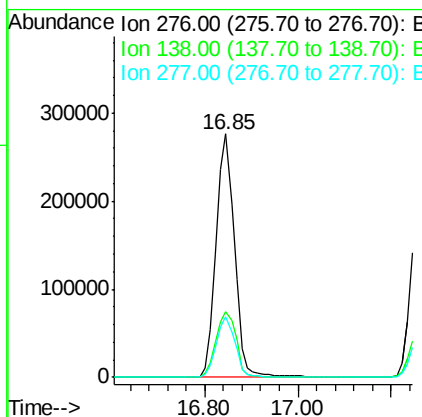
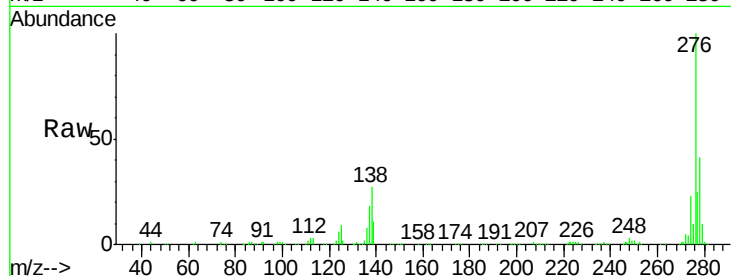




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.81 ng
 RT: 16.85 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

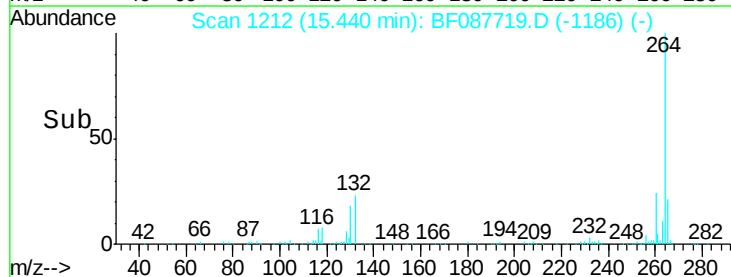
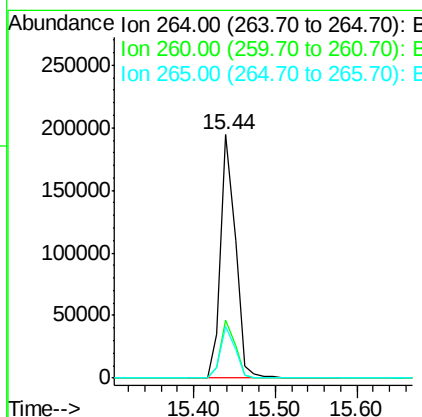
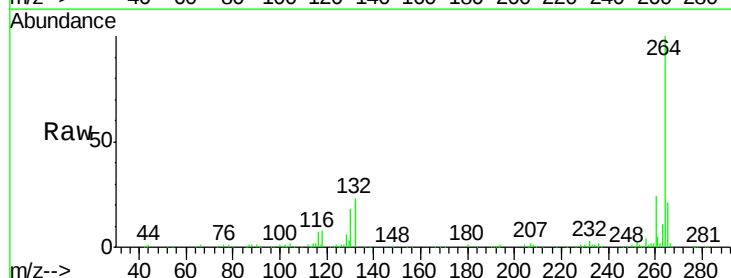
Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

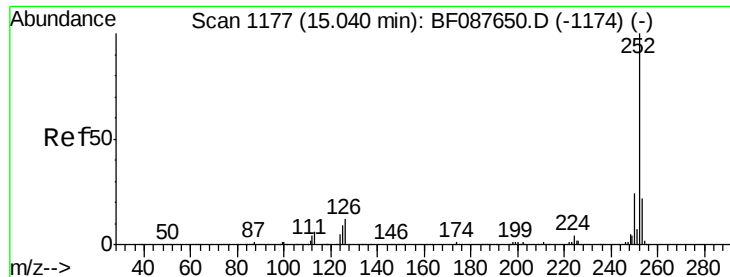
Tgt Ion: 276 Resp: 756831
 Ion Ratio Lower Upper
 276 100
 138 29.8 0.0 0.0#
 277 25.4 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF087719.D
 Acq: 5 Jun 2016 20:52

Tgt Ion: 264 Resp: 244965
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.1 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 49.00 ng

RT: 15.04 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS

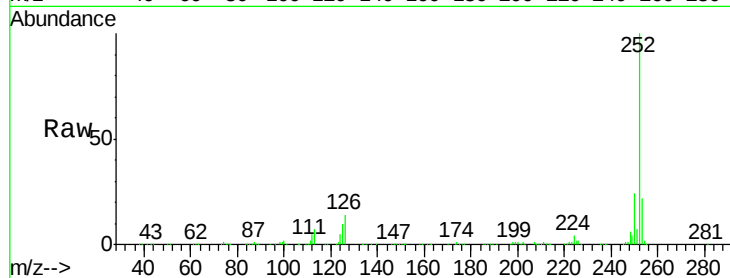
Tgt Ion:252 Resp: 780898

Ion Ratio Lower Upper

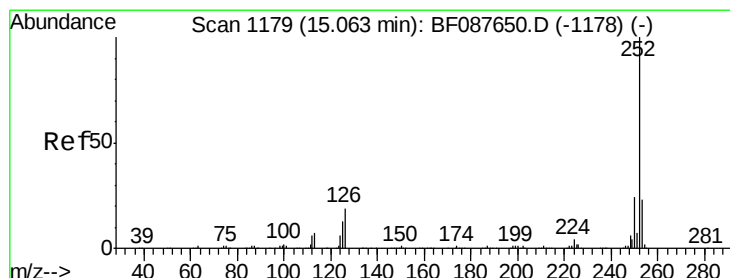
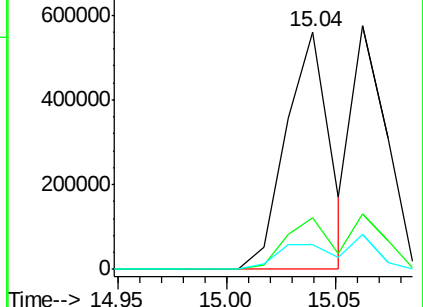
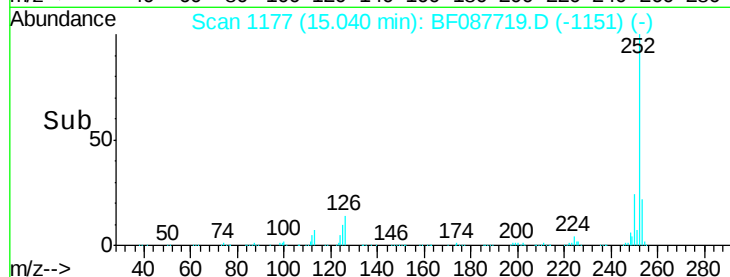
252 100

253 21.9 17.4 26.2

125 10.5 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 58.90 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF087719.D

Acq: 5 Jun 2016 20:52

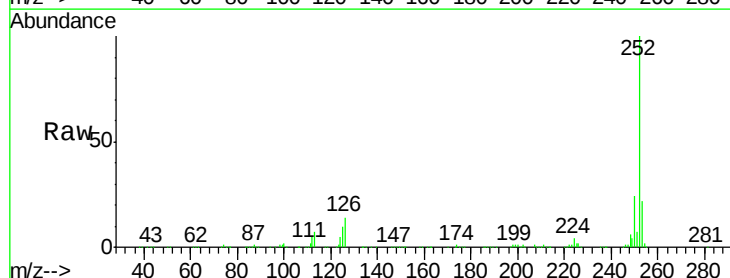
Tgt Ion:252 Resp: 780898

Ion Ratio Lower Upper

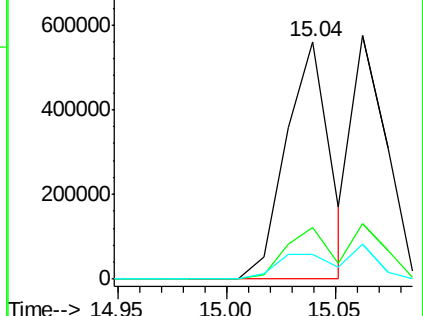
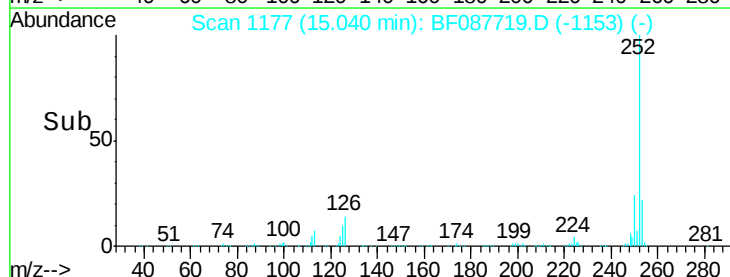
252 100

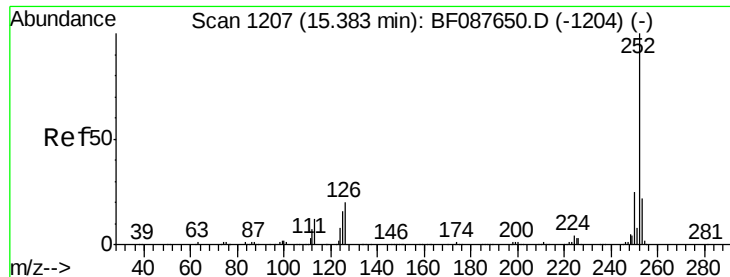
253 21.9 18.0 27.0

125 10.5 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

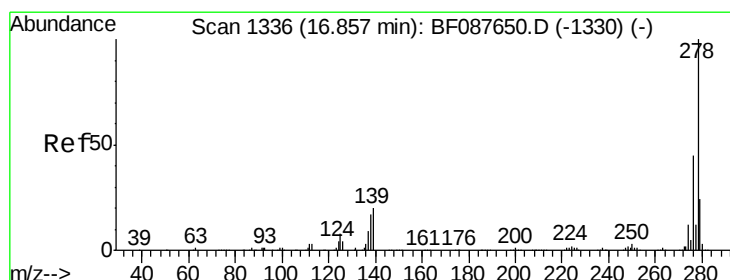
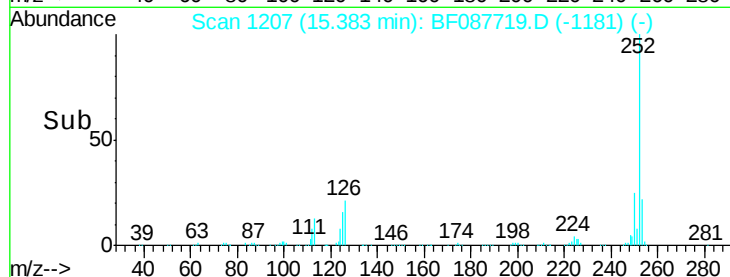
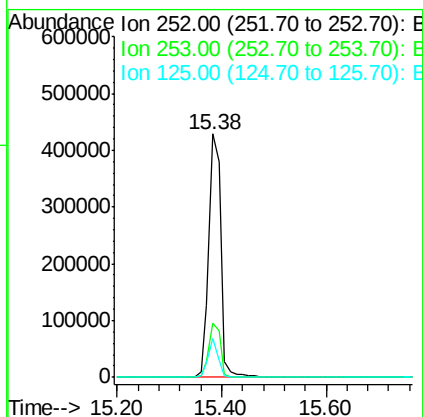
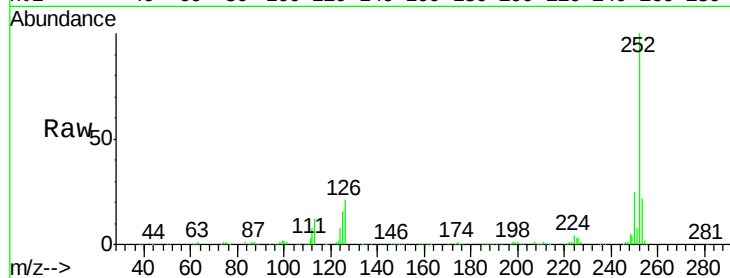




#89
Benzo(a)pyrene
Concen: 51.23 ng
RT: 15.38 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

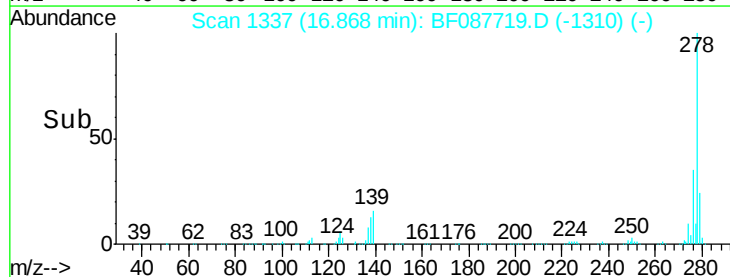
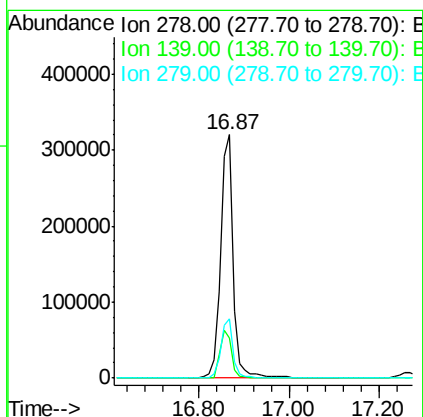
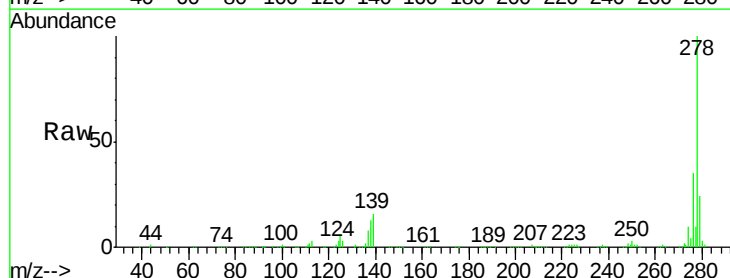
Instrument :
BNA_F
ClientSampleId :
SB-2MS

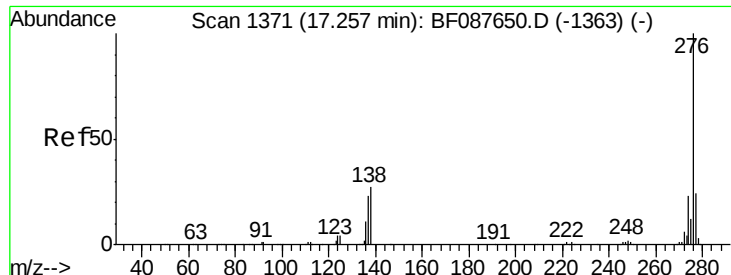
Tgt Ion: 252 Resp: 686300
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 16.2 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 54.88 ng
RT: 16.87 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF087719.D
Acq: 5 Jun 2016 20:52

Tgt Ion: 278 Resp: 625574
Ion Ratio Lower Upper
278 100
139 16.5 15.7 23.5
279 24.3 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 55.61 ng

RT: 17.27 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BF087719.D

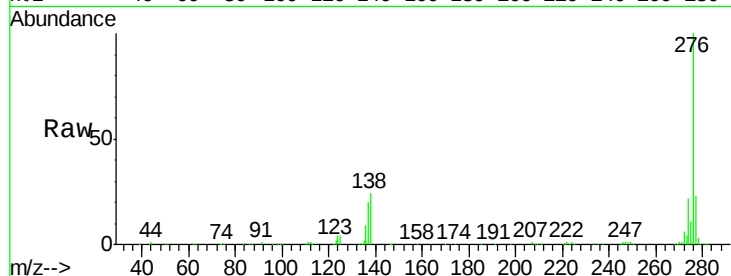
Acq: 5 Jun 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SB-2MS



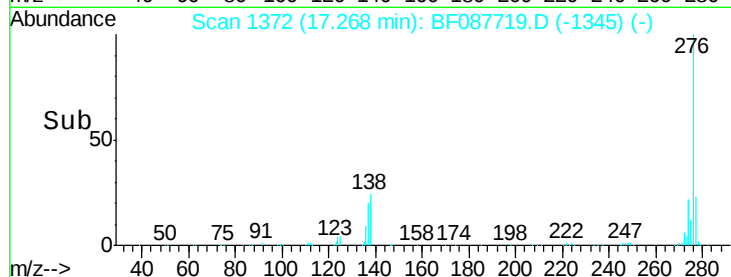
Tgt Ion:276 Resp: 639593

Ion Ratio Lower Upper

276 100

277 23.0 18.9 28.3

138 23.6 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

17.27

