

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087673.D
 Acq On : 4 Jun 2016 18:46
 Operator : UM/SJ
 Sample : PB91074BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BS

Quant Time: Jun 05 01:01:35 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	110907	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	473953	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	218300	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	395257	20.00	ng	0.00
75) Chrysene-d12	14.02	240	293635	20.00	ng	0.00
86) Perylene-d12	15.44	264	251960	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	751647	109.54	ng	0.01
7) Phenol-d6	6.49	99	1018426	118.35	ng	0.00
23) Nitrobenzene-d5	7.43	82	668061	81.55	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	288213	131.53	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1215729	85.71	ng	0.00
78) Terphenyl-d14	12.97	244	986779	82.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	105093	31.69	ng	# 24
3) Pyridine	3.28	79	335656	38.31	ng	96
4) n-Nitrosodimethylamine	3.23	42	146944	39.70	ng	99
6) Aniline	6.52	93	271862	22.29	ng	98
8) 2-Chlorophenol	6.64	128	318109	40.29	ng	97
9) Benzaldehyde	6.40	77	18143	3.12	ng	88
10) Phenol	6.50	94	426989	43.58	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	278080	39.06	ng	99
12) 1,3-Dichlorobenzene	6.80	146	325308	38.48	ng	99
13) 1,4-Dichlorobenzene	6.88	146	347864	41.01	ng	99
14) 1,2-Dichlorobenzene	6.88	146	347864	43.74	ng	96
15) Benzyl Alcohol	7.00	79	242024	38.07	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	409919	39.48	ng	97
17) 2-Methylphenol	7.12	107	284702	44.91	ng	95
18) Hexachloroethane	7.37	117	119869	40.41	ng	# 83
19) n-Nitroso-di-n-propylamine	7.28	70	208651	38.82	ng	97
20) 3+4-Methylphenols	7.27	107	316178	40.70	ng	91
22) Acetophenone	7.27	105	426356	39.72	ng	# 81
24) Nitrobenzene	7.44	77	302143	36.85	ng	# 86
25) Isophorone	7.69	82	606758	40.68	ng	96
26) 2-Nitrophenol	7.76	139	154843	40.65	ng	97
27) 2,4-Dimethylphenol	7.80	122	333510	42.24	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	354154	37.44	ng	97
29) 2,4-Dichlorophenol	8.00	162	260472	40.17	ng	100
30) 1,2,4-Trichlorobenzene	8.09	180	283575	41.76	ng	99
31) Naphthalene	8.17	128	969227	42.06	ng	99
32) Benzoic acid	7.92	122	213766	44.88	ng	98
33) 4-Chloroaniline	8.22	127	139709	13.96	ng	95
34) Hexachlorobutadiene	8.30	225	139540	39.53	ng	98
35) Caprolactam	8.58	113	56375	26.47	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	294936	43.97	ng	97
37) 2-Methylnaphthalene	8.86	142	598796	39.35	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	246830	41.03	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	275602	77.88	ng	99

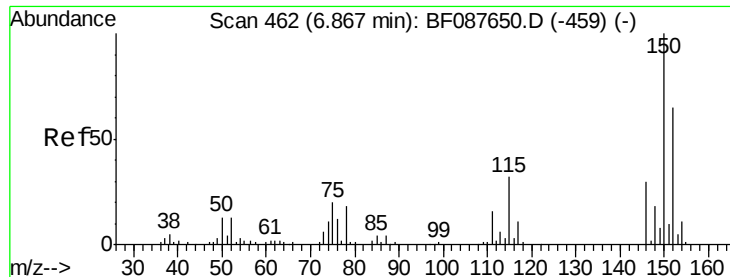
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	187081	41.17	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	195961	46.34	ng	# 90
45) 1,1'-Biphenyl	9.32	154	689955	38.94	ng	100
46) 2-Chloronaphthalene	9.35	162	553768	39.27	ng	99
47) 2-Nitroaniline	9.44	65	164536	41.43	ng	99
48) Acenaphthylene	9.77	152	936587	42.58	ng	99
49) Dimethylphthalate	9.63	163	723627	45.60	ng	100
50) 2,6-Dinitrotoluene	9.69	165	173497	48.05	ng	94
51) Acenaphthene	9.94	154	641513	45.33	ng	100
52) 3-Nitroaniline	9.85	138	91512	22.16	ng	98
53) 2,4-Dinitrophenol	9.95	184	150175	91.08	ng	# 86
54) Dibenzofuran	10.11	168	866955	45.00	ng	98
55) 4-Nitrophenol	10.01	139	250201	70.88	ng	94
56) 2,4-Dinitrotoluene	10.09	165	228640	49.73	ng	# 80
57) Fluorene	10.46	166	599111	39.78	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	166125	45.61	ng	# 57
59) Diethylphthalate	10.33	149	649930	40.78	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	269534	47.63	ng	99
61) 4-Nitroaniline	10.47	138	154997	39.04	ng	95
62) Azobenzene	10.60	77	727293	45.33	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	96494	44.09	ng	94
65) n-Nitrosodiphenylamine	10.56	169	564315	43.59	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	191028	48.74	ng	98
67) Hexachlorobenzene	10.99	284	180414	41.16	ng	99
68) Atrazine	11.10	200	174812	45.58	ng	99
69) Pentachlorophenol	11.19	266	231278	88.81	ng	99
70) Phenanthrene	11.41	178	877529	40.95	ng	100
71) Anthracene	11.46	178	958724	44.65	ng	100
72) Carbazole	11.61	167	830012	40.83	ng	99
73) Di-n-butylphthalate	11.95	149	1020183	46.81	ng	100
74) Fluoranthene	12.59	202	930008	44.10	ng	100
76) Benzidine	12.72	184	261440	22.58	ng	98
77) Pyrene	12.82	202	978625	46.80	ng	100
79) Butylbenzylphthalate	13.45	149	447265	50.26	ng	97
80) Benzo(a)anthracene	14.01	228	745312	43.98	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	126542	26.47	ng	98
82) Chrysene	14.05	228	771186	45.72	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	516293	48.75	ng	99
84) Di-n-octyl phthalate	14.62	149	917271	46.59	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.83	276	645891	46.33	ng	# 100
87) Benzo(b)fluoranthene	15.06	252	1336151	81.52	ng	# 95
88) Benzo(k)fluoranthene	15.06	252	1336785	98.03	ng	100
89) Benzo(a)pyrene	15.38	252	619238	44.94	ng	100
90) Dibenzo(a,h)anthracene	16.86	278	536072	45.72	ng	99
91) Benzo(g,h,i)perylene	17.26	276	540206	45.67	ng	99

(#) = 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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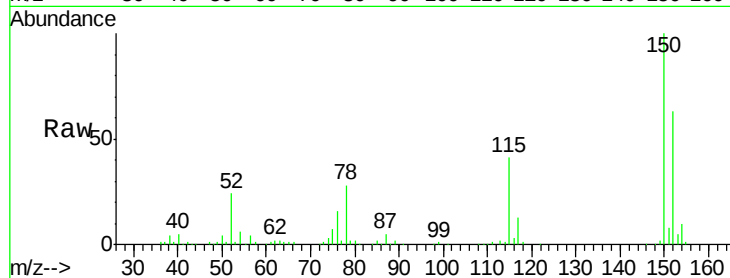
Tgt Ion:152 Resp: 110907

Ion Ratio Lower Upper

152 100

150 158.9 123.8 185.6

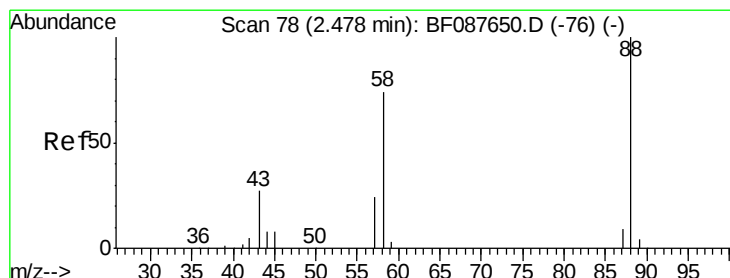
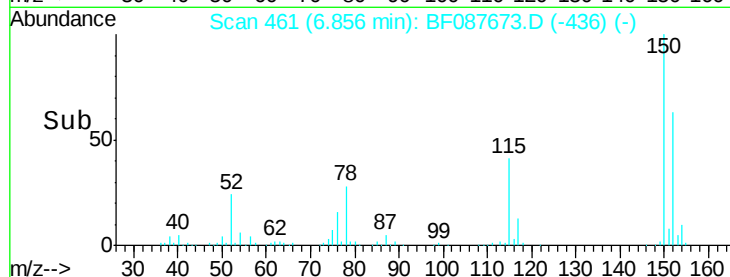
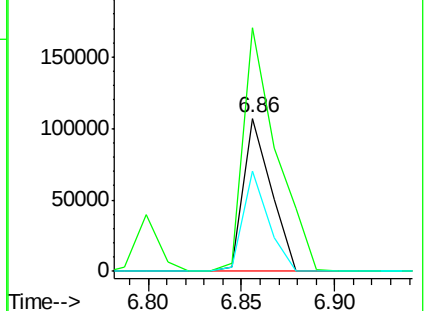
115 65.5 39.6 59.4#



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: 31.69 ng

RT: 2.57 min Scan# 86

Delta R.T. 0.09 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

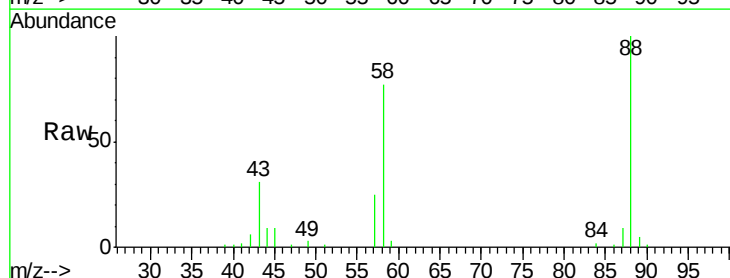
Tgt Ion: 88 Resp: 105093

Ion Ratio Lower Upper

88 100

58 77.0 0.0 0.0#

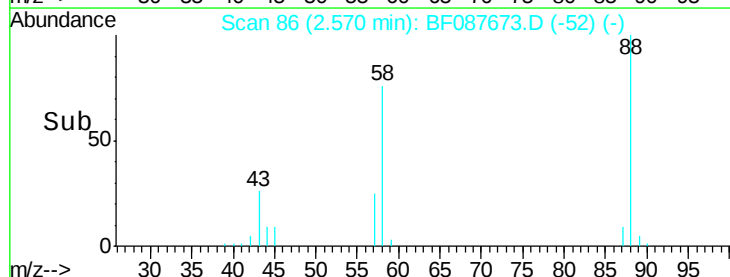
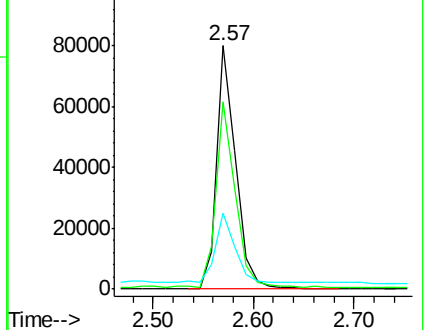
43 29.2 3.4 5.2#

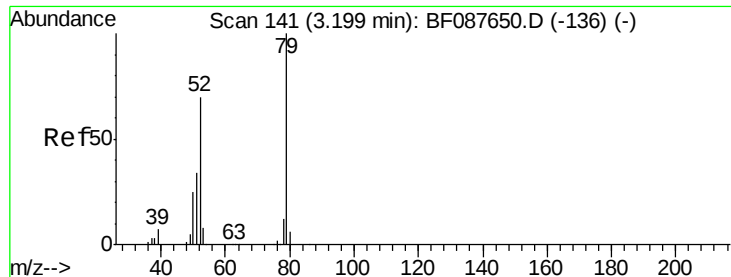


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.31 ng

RT: 3.28 min Scan# 148

Delta R.T. 0.08 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

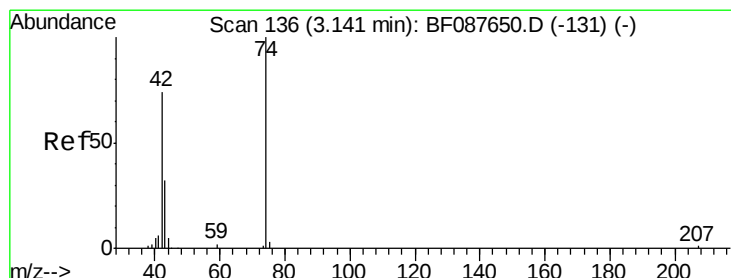
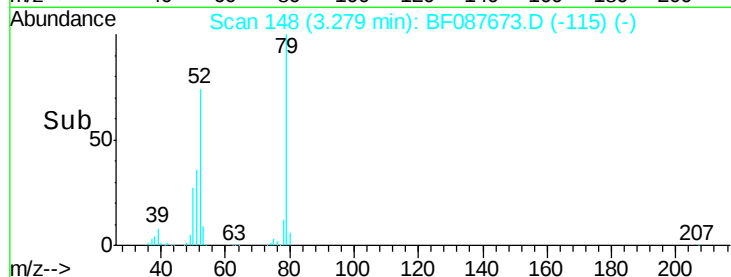
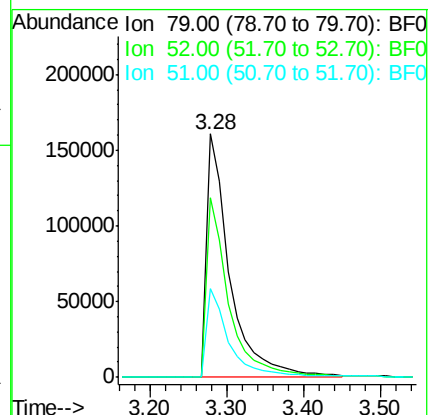
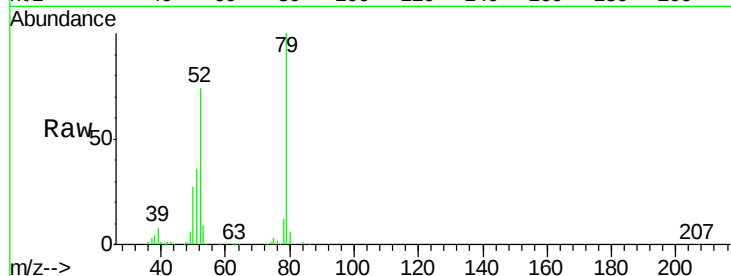
Tgt Ion: 79 Resp: 335656

Ion Ratio Lower Upper

79 100

52 74.0 56.3 84.5

51 36.3 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 39.70 ng

RT: 3.23 min Scan# 144

Delta R.T. 0.09 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

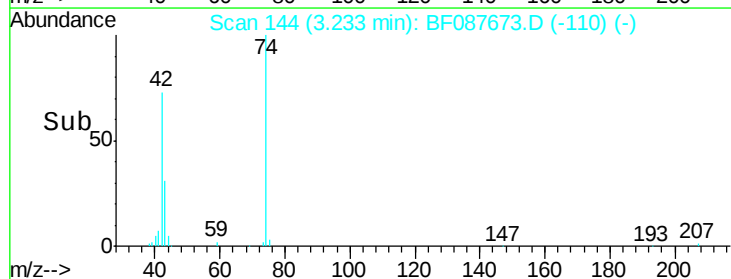
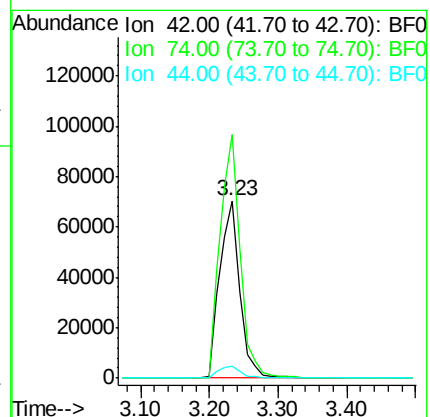
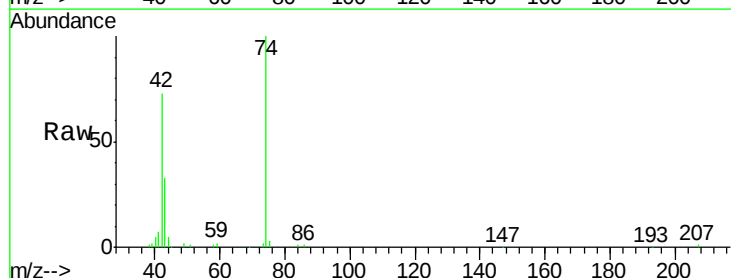
Tgt Ion: 42 Resp: 146944

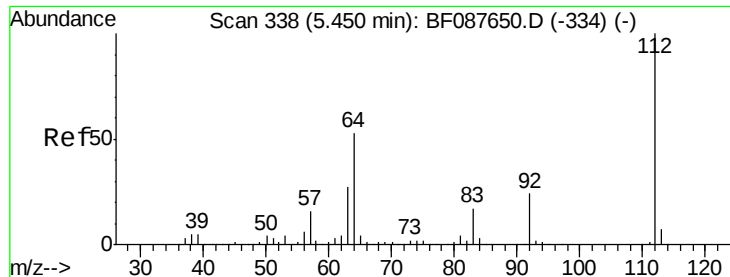
Ion Ratio Lower Upper

42 100

74 137.2 108.6 163.0

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 109.54 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

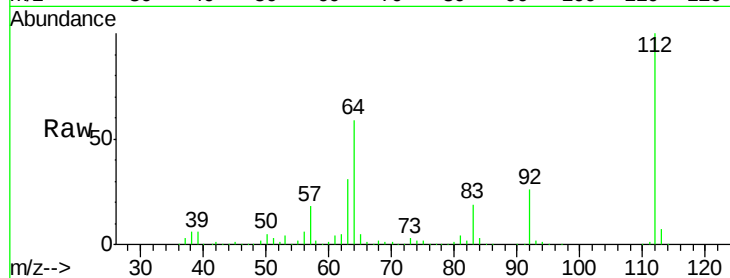
Tgt Ion: 112 Resp: 751647

Ion Ratio Lower Upper

112 100

64 59.3 42.2 63.2

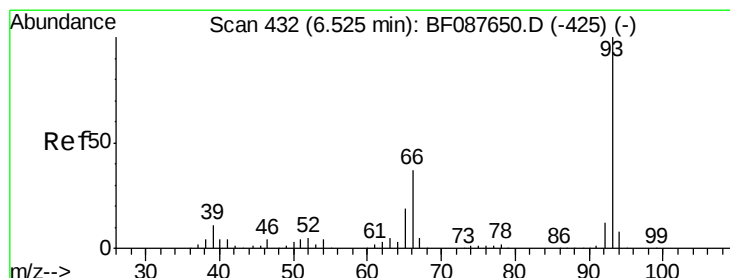
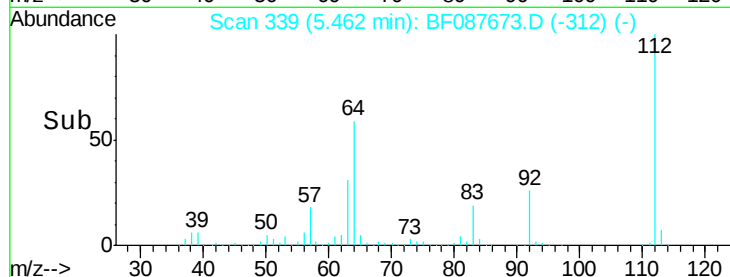
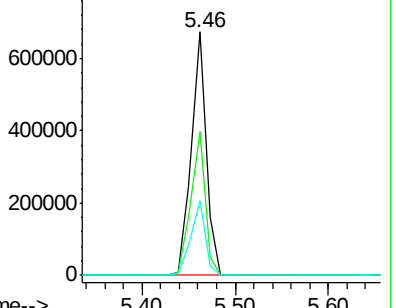
63 30.8 21.8 32.8



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: 22.29 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

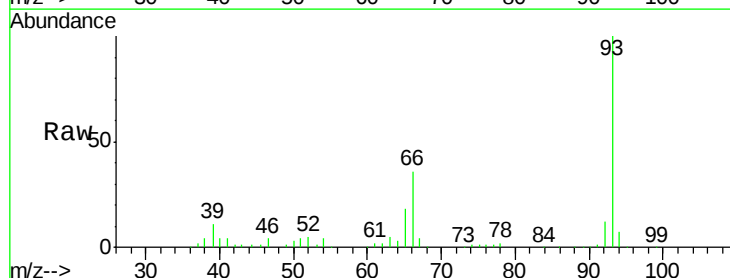
Tgt Ion: 93 Resp: 271862

Ion Ratio Lower Upper

93 100

66 35.6 29.8 44.8

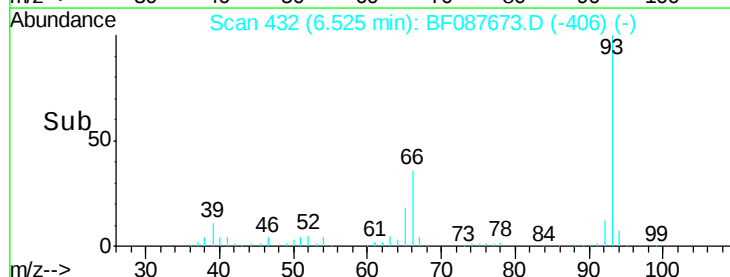
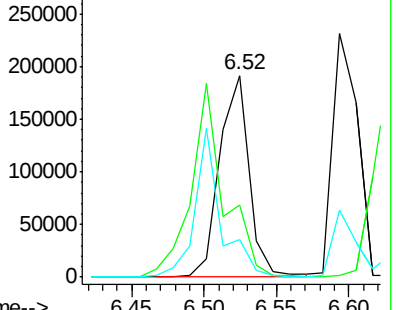
65 18.4 14.9 22.3

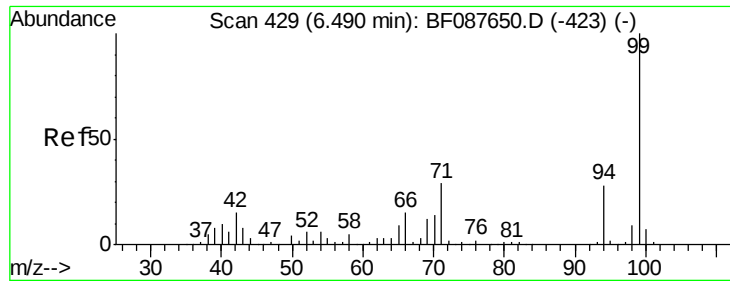


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.35 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

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BNA_F

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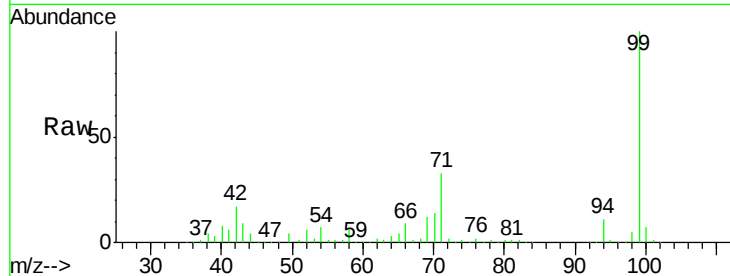
Tgt Ion: 99 Resp: 1018426

Ion Ratio Lower Upper

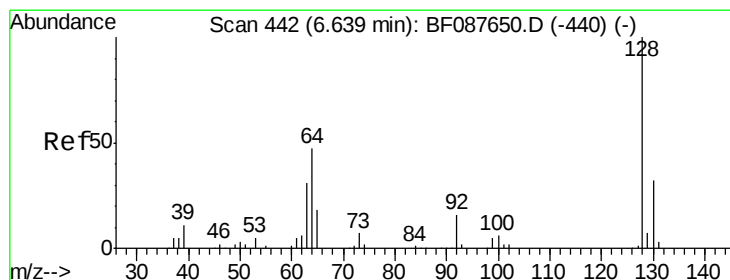
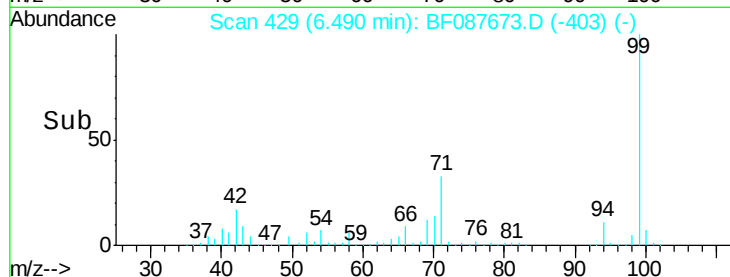
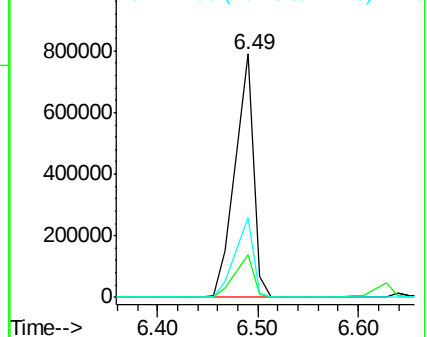
99 100

42 17.3 12.2 18.2

71 32.9 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: 40.29 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

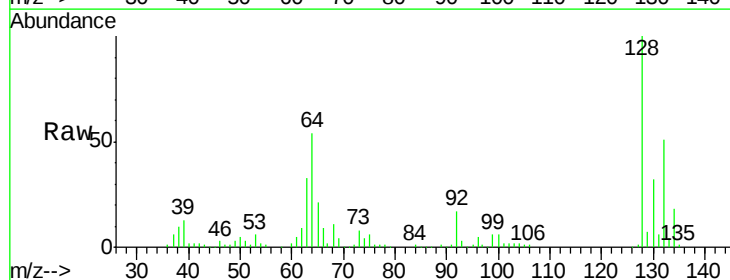
Tgt Ion: 128 Resp: 318109

Ion Ratio Lower Upper

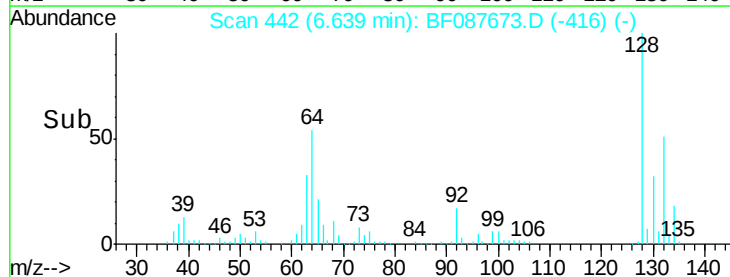
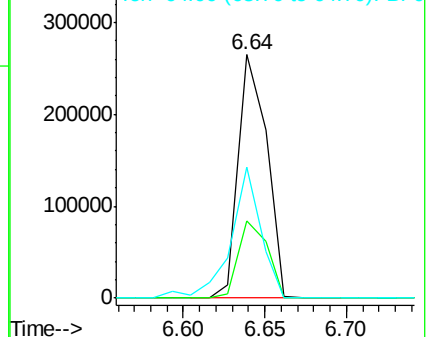
128 100

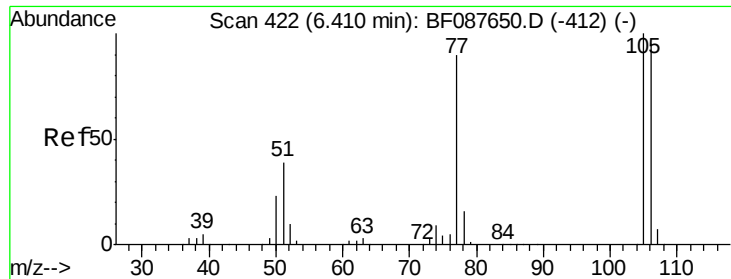
130 31.8 12.0 52.0

64 53.8 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

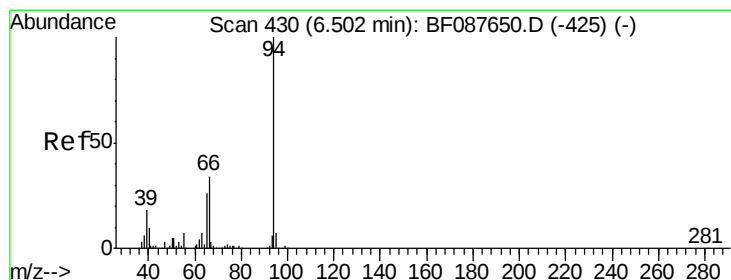
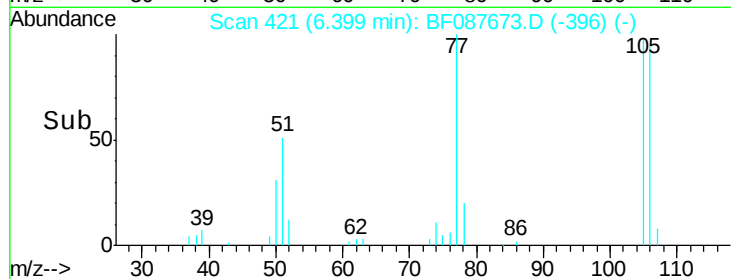
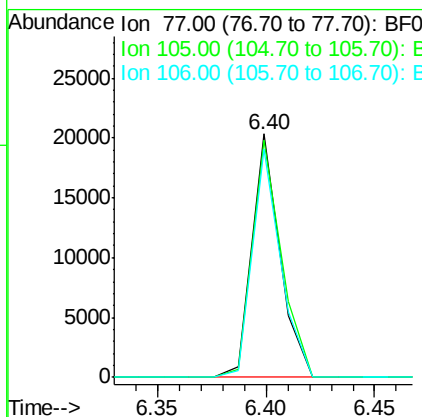
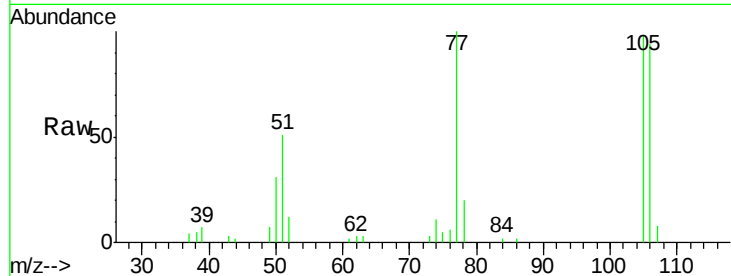




#9
Benzaldehyde
Concen: 3.12 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

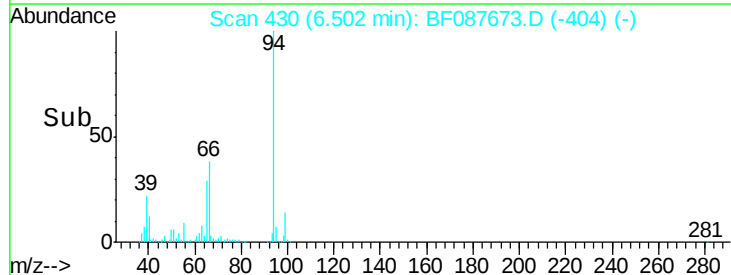
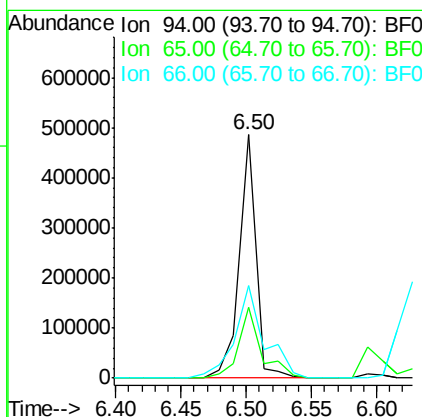
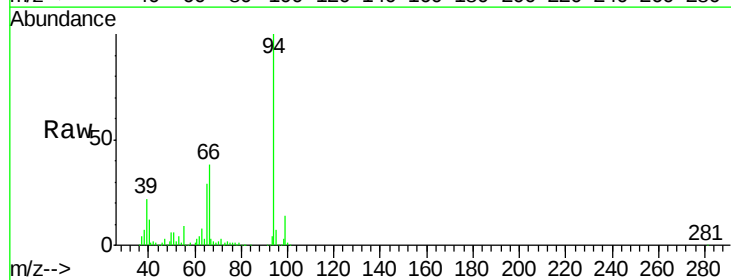
Instrument :
BNA_F
ClientSampled :
PB91074BS

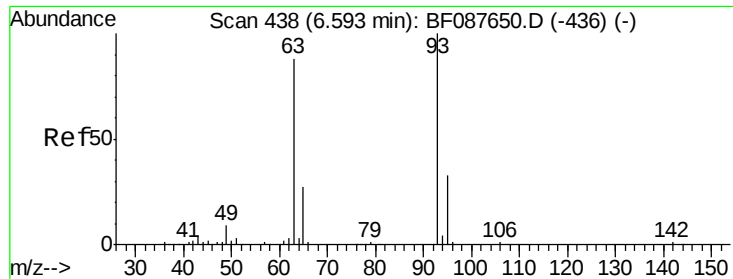
Tgt Ion: 77 Resp: 18143
Ion Ratio Lower Upper
77 100
105 97.7 90.6 130.6
106 93.9 85.3 125.3



#10
Phenol
Concen: 43.58 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Tgt Ion: 94 Resp: 426989
Ion Ratio Lower Upper
94 100
65 29.0 5.9 45.9
66 37.8 14.0 54.0





#11

bis(2-Chloroethyl)ether

Concen: 39.06 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

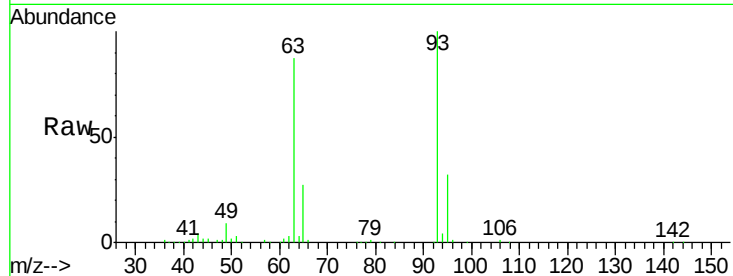
Tgt Ion: 93 Resp: 278080

Ion Ratio Lower Upper

93 100

63 86.9 67.6 107.6

95 32.4 12.5 52.5

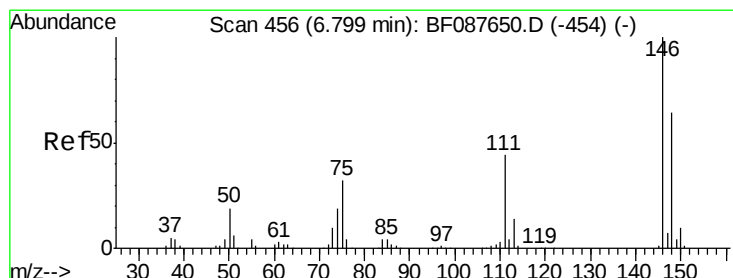
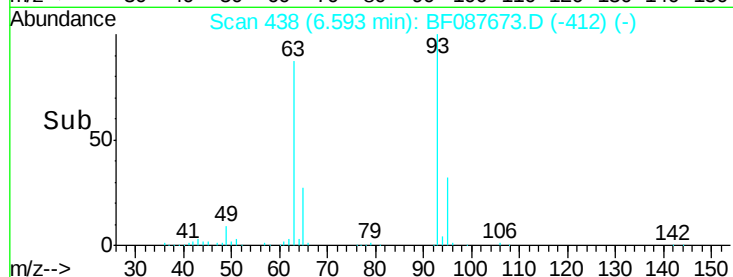
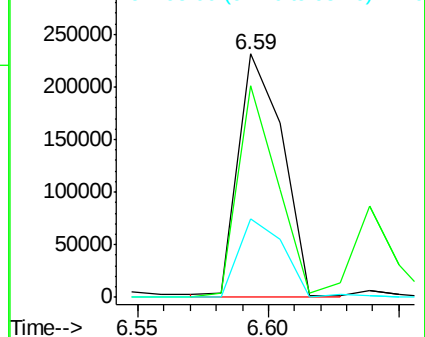


Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.48 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

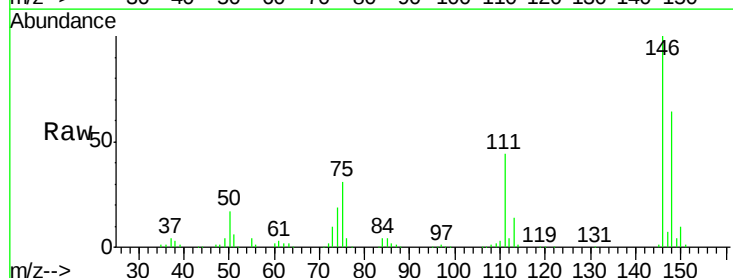
Tgt Ion: 146 Resp: 325308

Ion Ratio Lower Upper

146 100

148 63.7 50.9 76.3

75 30.8 25.6 38.4

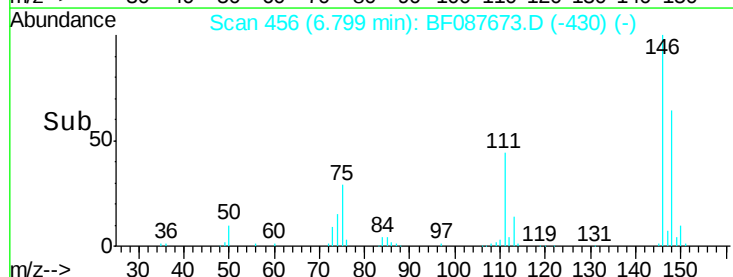
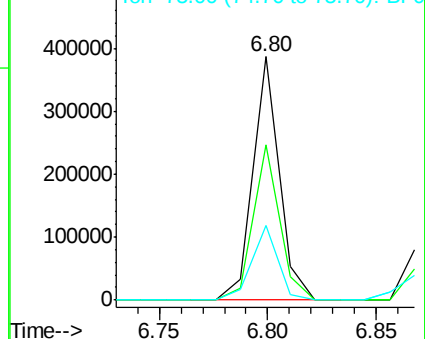


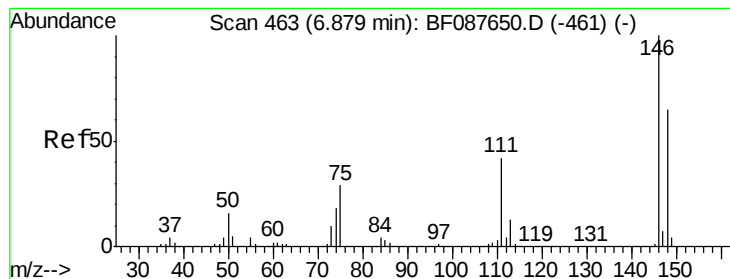
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.01 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

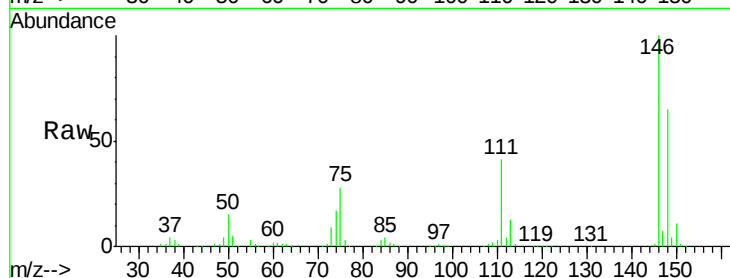
Tgt Ion:146 Resp: 347864

Ion Ratio Lower Upper

146 100

148 64.6 52.0 78.0

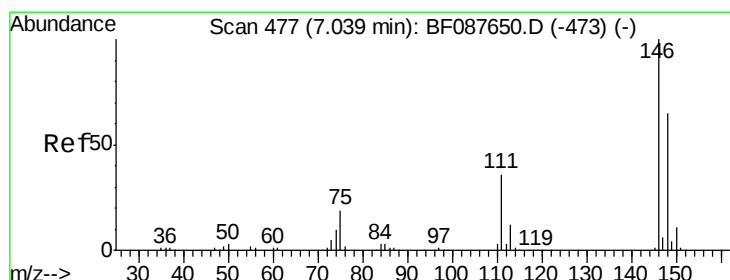
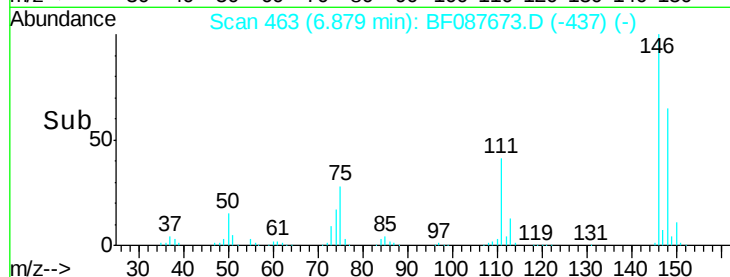
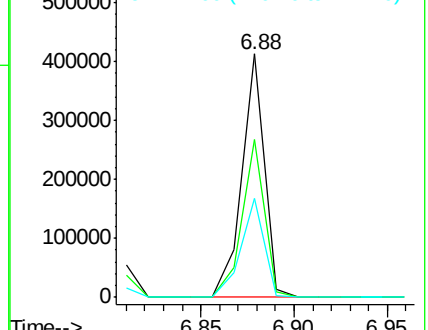
111 40.8 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.74 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.16 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

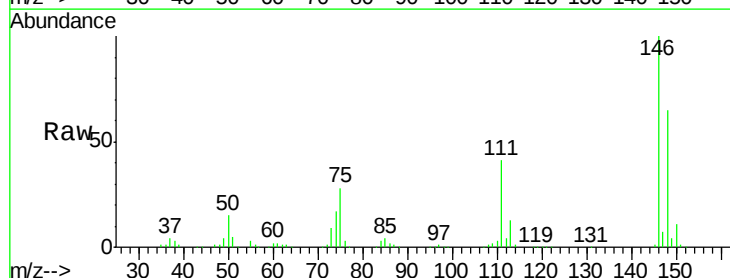
Tgt Ion:146 Resp: 347864

Ion Ratio Lower Upper

146 100

148 64.6 52.3 78.5

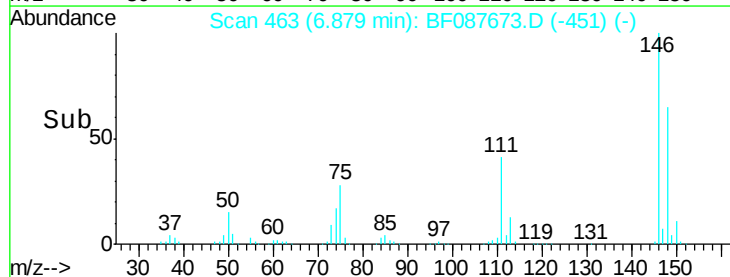
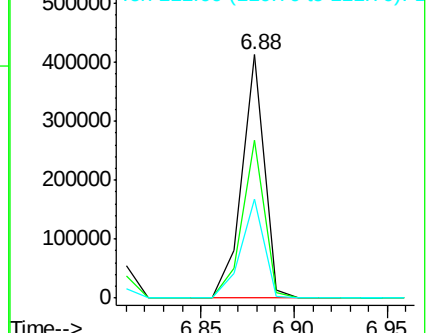
111 40.8 28.7 43.1

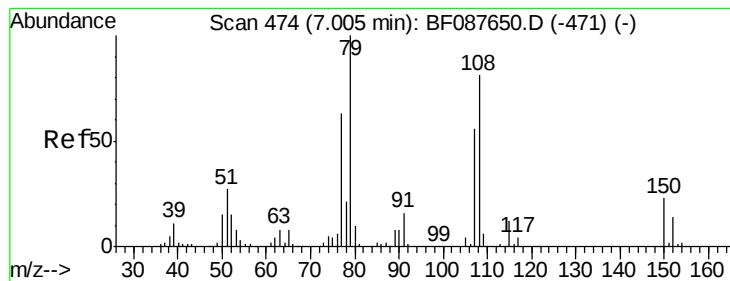


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.07 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

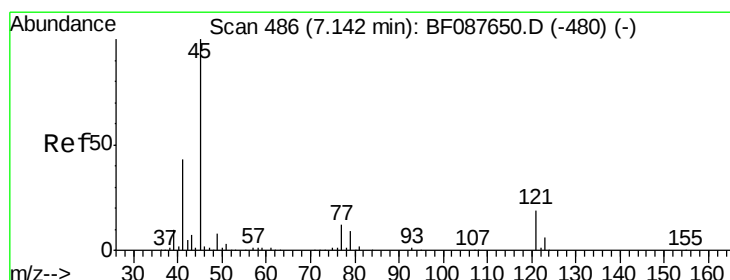
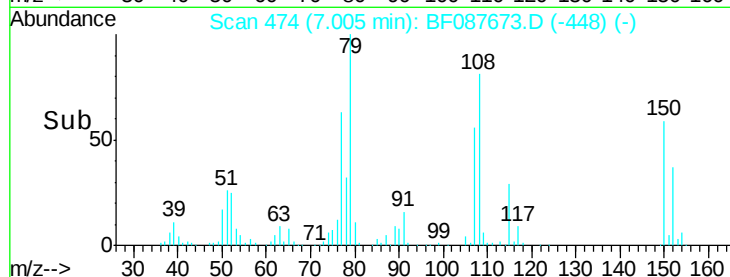
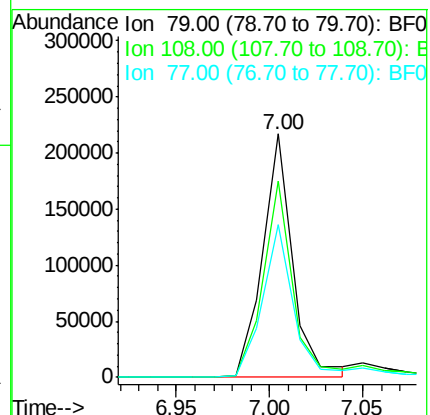
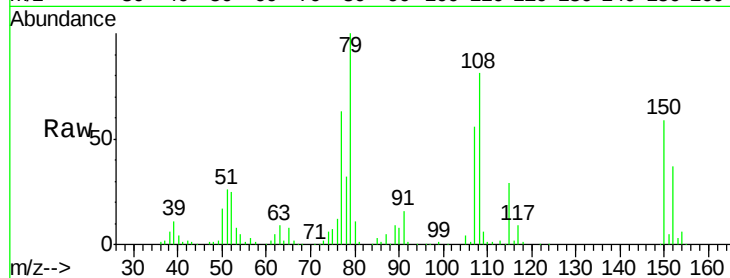
Tgt Ion: 79 Resp: 242024

Ion Ratio Lower Upper

79 100

108 80.6 65.0 97.6

77 62.6 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.48 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

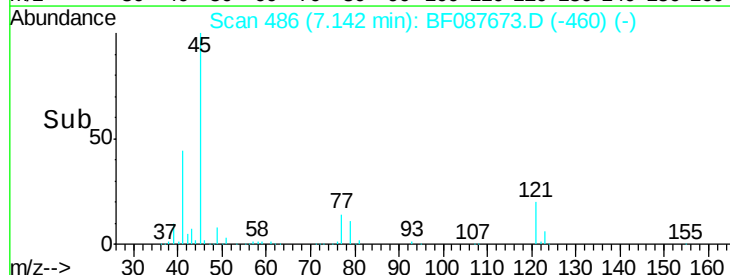
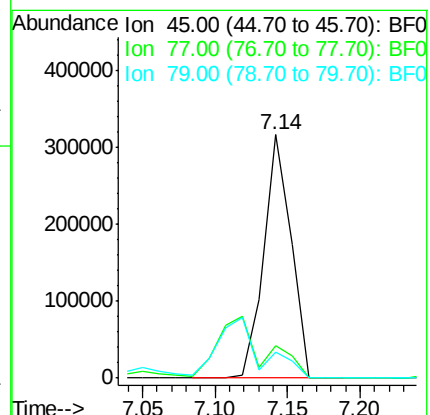
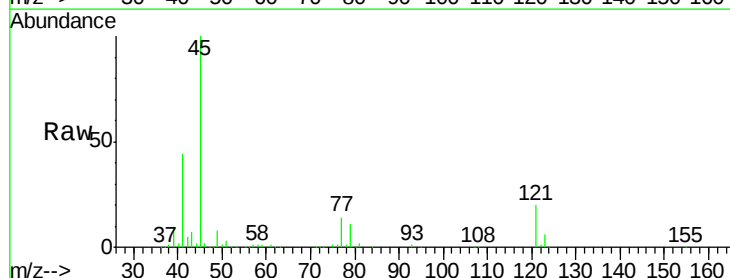
Tgt Ion: 45 Resp: 409919

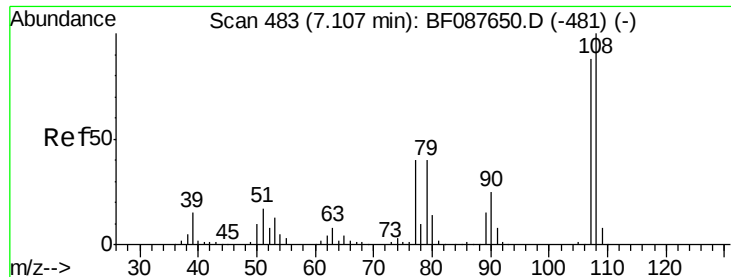
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.5

79 10.7 0.0 29.5

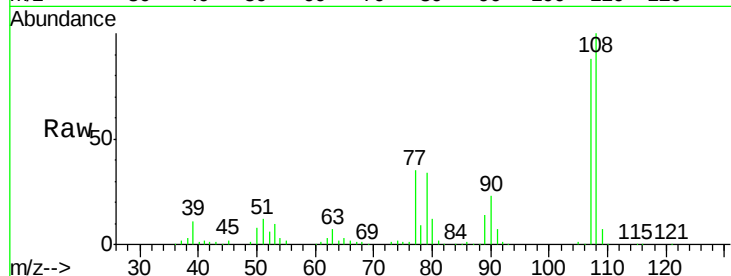




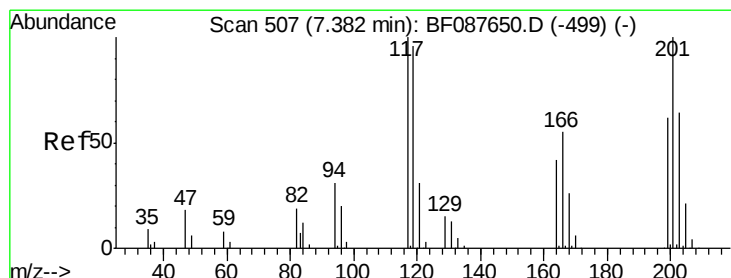
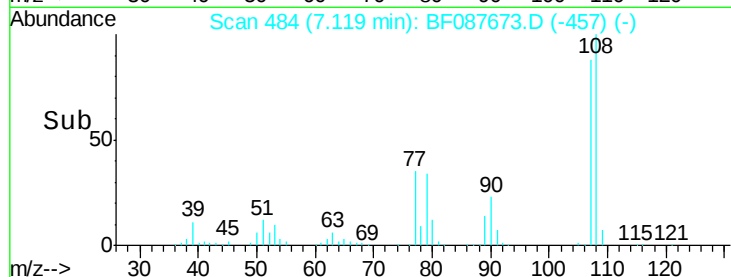
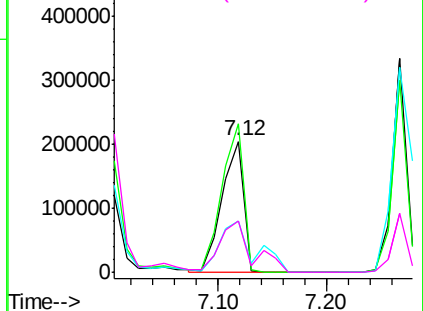
#17
2-Methylphenol
Concen: 44.91 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB91074BS

Tgt Ion:107 Resp: 284702
Ion Ratio Lower Upper
107 100
108 113.1 90.9 136.3
77 39.4 36.6 55.0
79 38.9 36.5 54.7

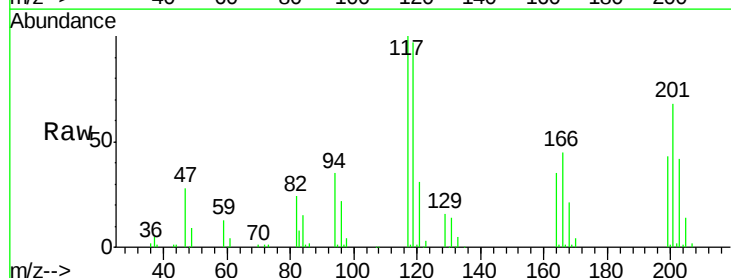


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

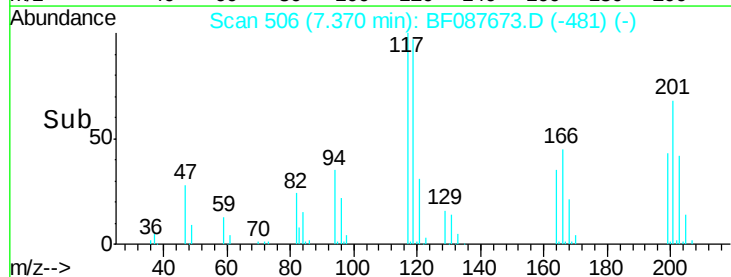
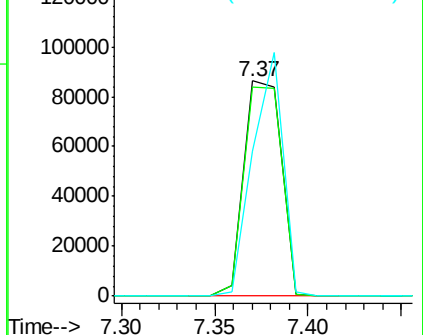


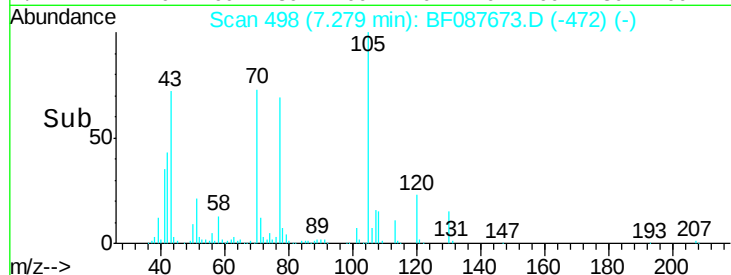
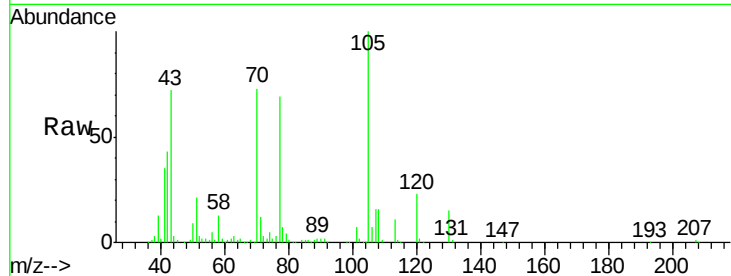
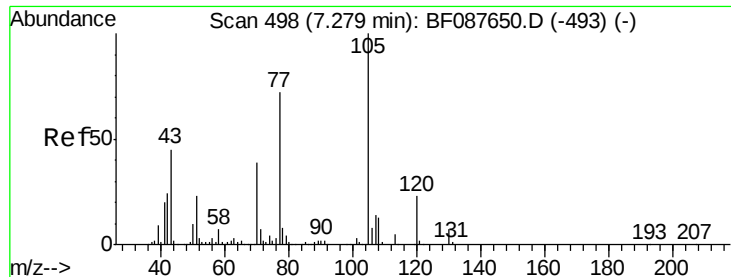
#18
Hexachloroethane
Concen: 40.41 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Tgt Ion:117 Resp: 119869
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.2
201 67.7 80.4 120.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

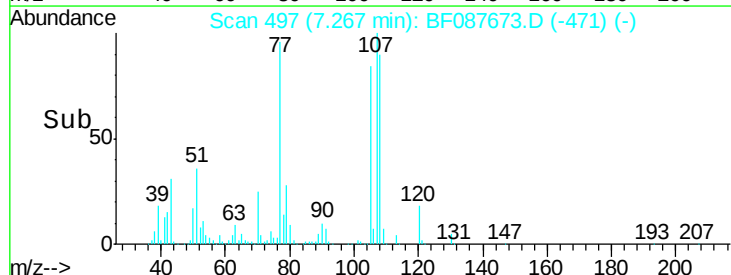
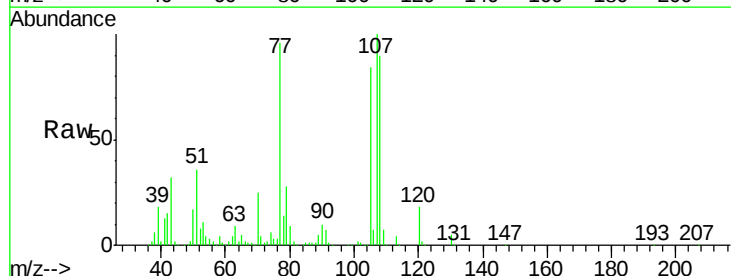
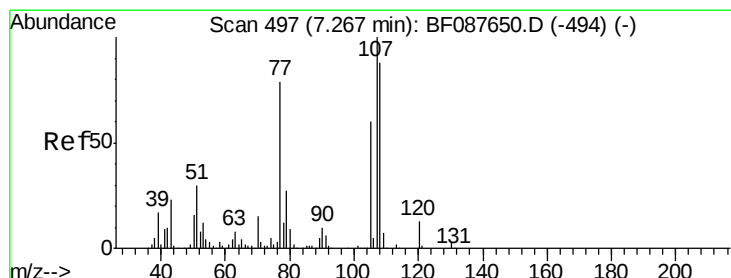
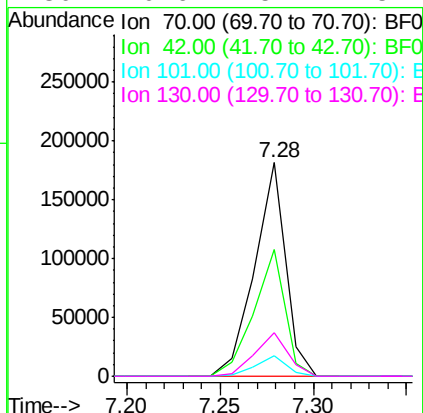




#19
n-Nitroso-di-n-propylamine
Concen: 38.82 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

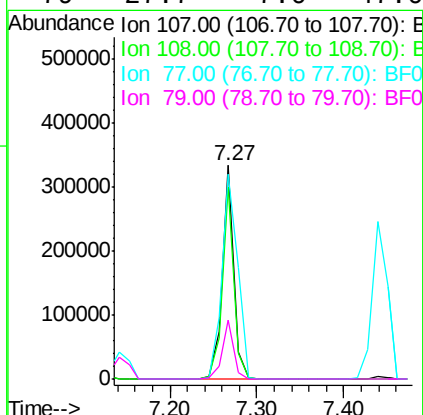
Instrument :
BNA_F
ClientSampleId :
PB91074BS

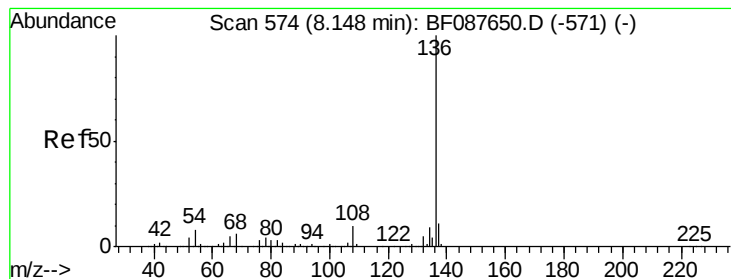
Tgt Ion:	70	Resp:	208651
Ion	Ratio	Lower	Upper
70	100		
42	59.1	49.6	74.4
101	9.5	7.1	10.7
130	20.6	15.4	23.2



#20
3+4-Methylphenols
Concen: 40.70 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Tgt Ion:	107	Resp:	316178
Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.8	107.8
77	96.0	59.3	99.3
79	27.7	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: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

Tgt Ion:136 Resp: 473953

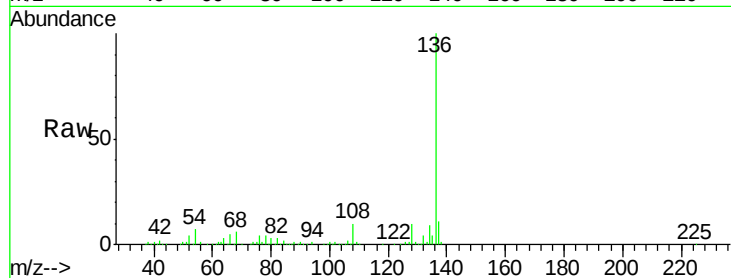
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.3 6.6 10.0

68 5.7 5.1 7.7

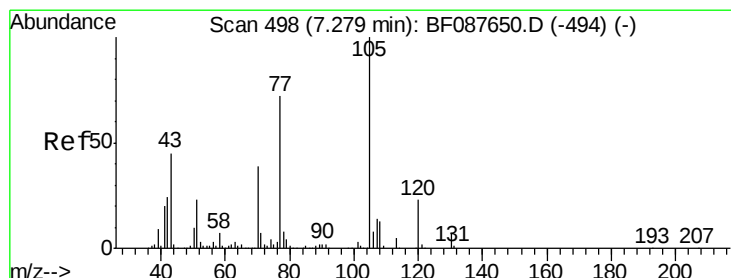
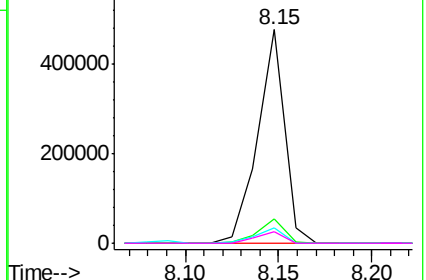
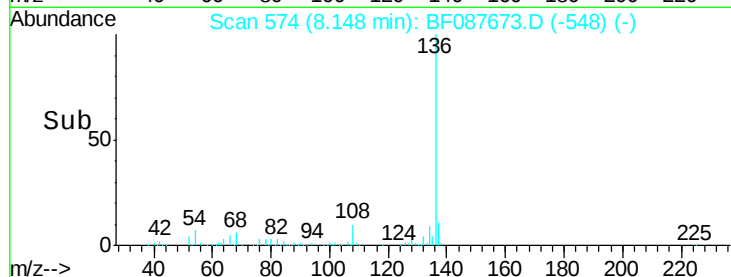


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.72 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Tgt Ion:105 Resp: 426356

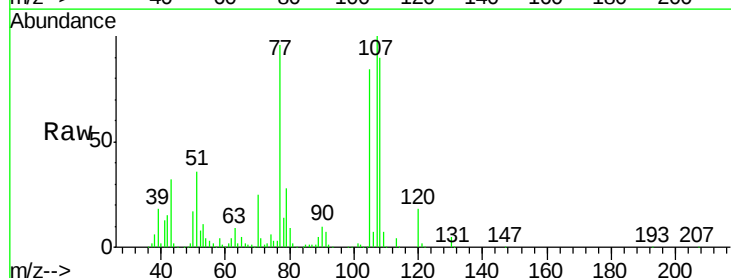
Ion Ratio Lower Upper

105 100

71 5.0 5.3 7.9#

51 42.3 18.2 27.4#

120 21.5 18.0 27.0

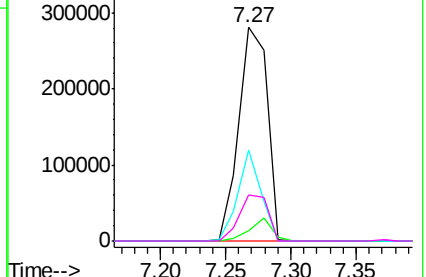
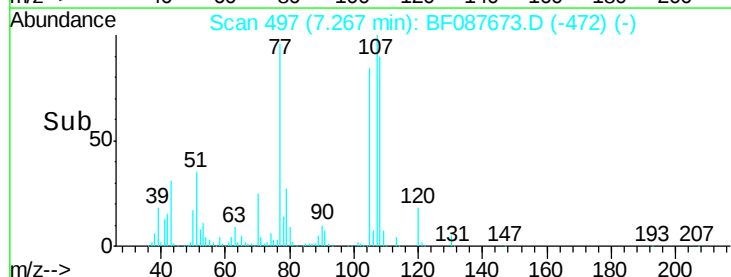


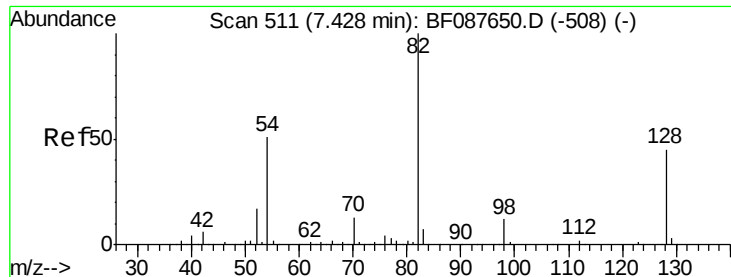
Abundance Ion 105.00 (104.70 to 105.70): E

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

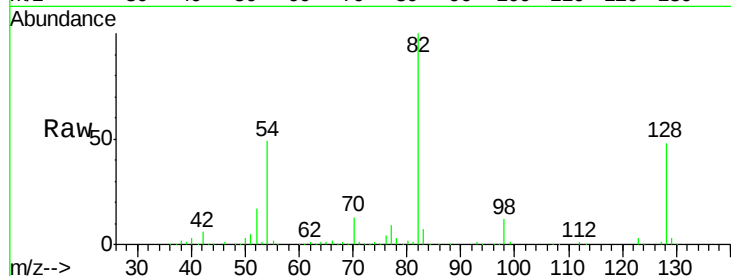




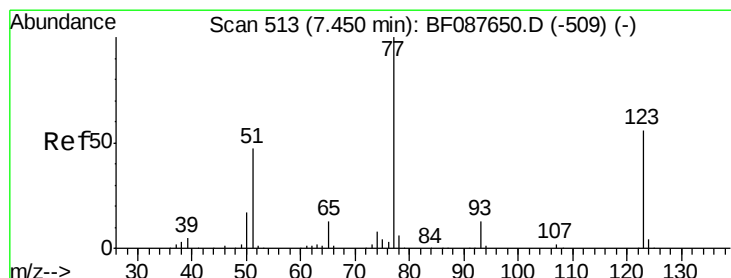
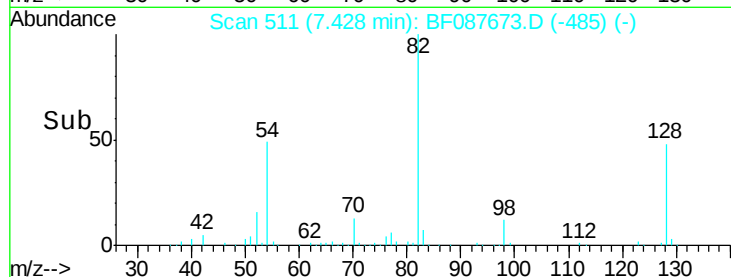
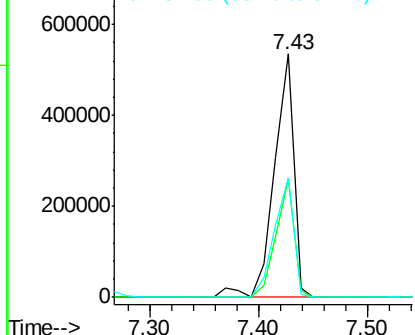
#23
 Nitrobenzene-d5
 Concen: 81.55 ng
 RT: 7.43 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BS

Tgt Ion: 82 Resp: 668061
 Ion Ratio Lower Upper
 82 100
 128 48.5 35.9 53.9
 54 49.0 40.9 61.3

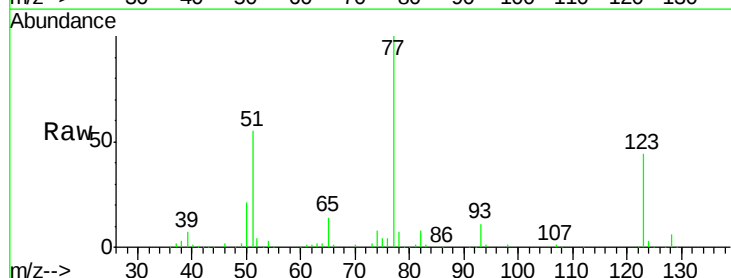


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

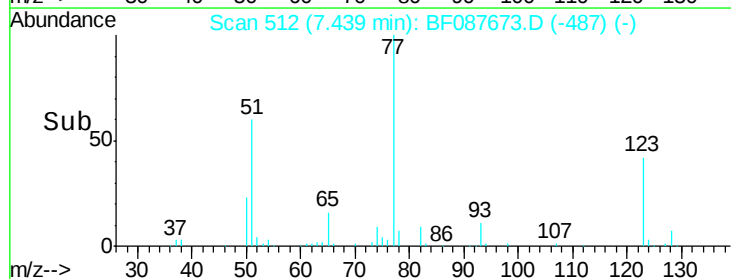
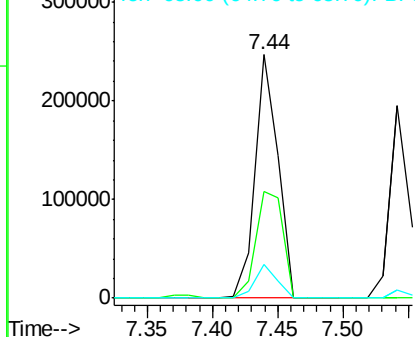


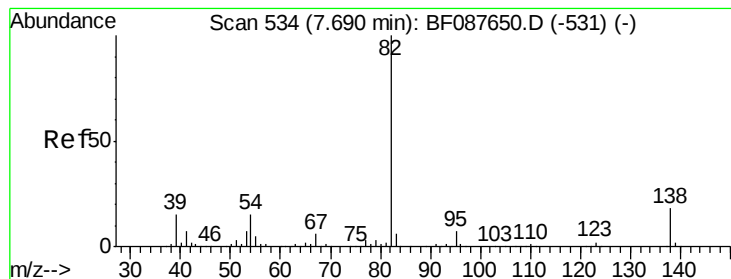
#24
 Nitrobenzene
 Concen: 36.85 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Tgt Ion: 77 Resp: 302143
 Ion Ratio Lower Upper
 77 100
 123 43.7 45.0 67.4#
 65 13.7 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: 40.68 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

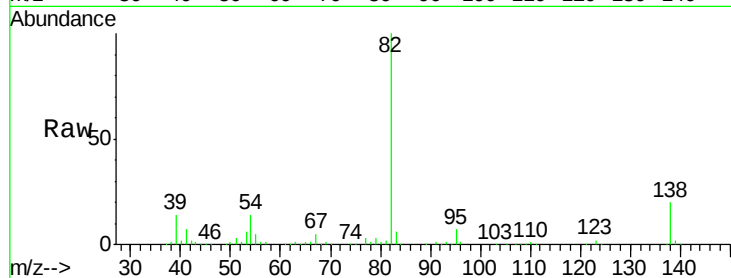
Tgt Ion: 82 Resp: 606758

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

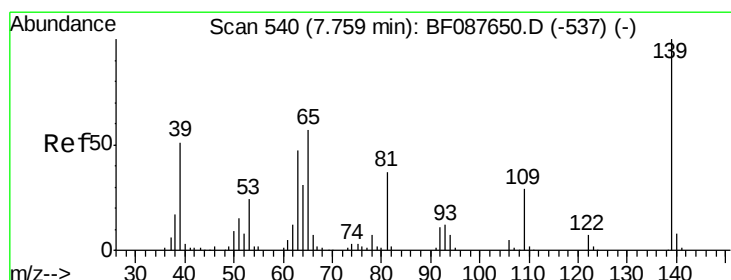
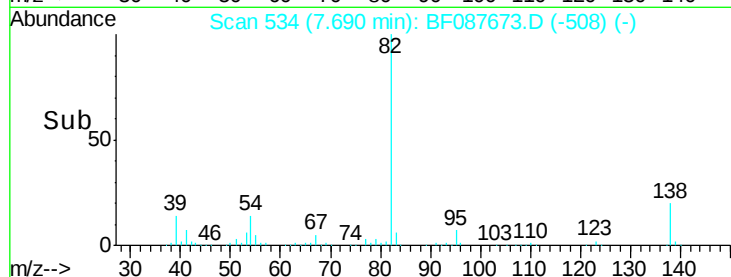
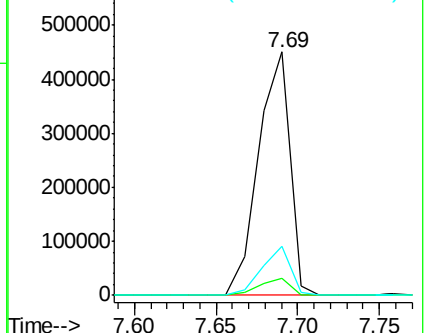
138 20.3 14.6 21.8



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: 40.65 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

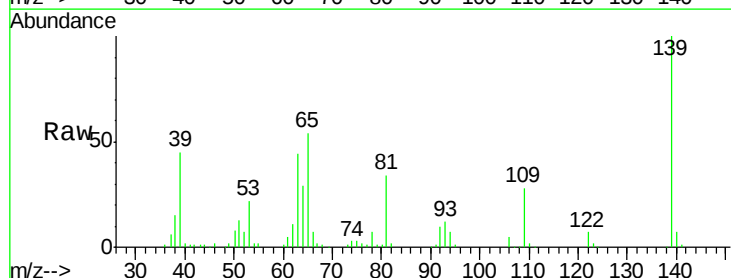
Tgt Ion: 139 Resp: 154843

Ion Ratio Lower Upper

139 100

109 28.3 23.0 34.4

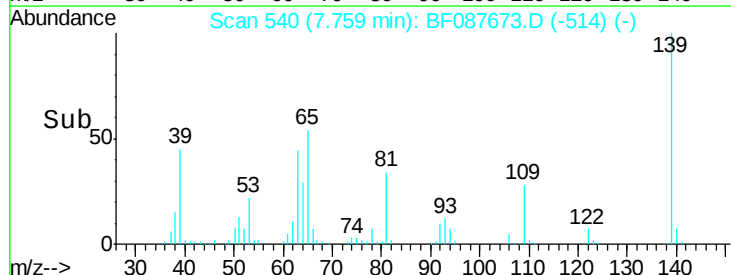
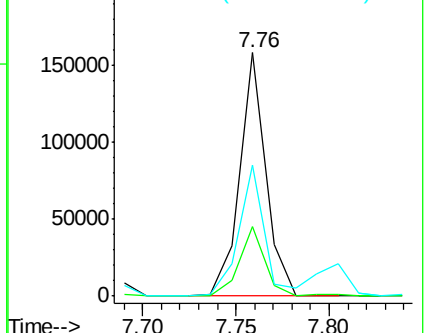
65 54.0 45.8 68.8

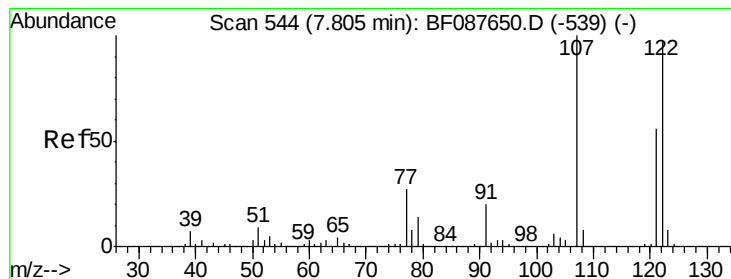


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.24 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

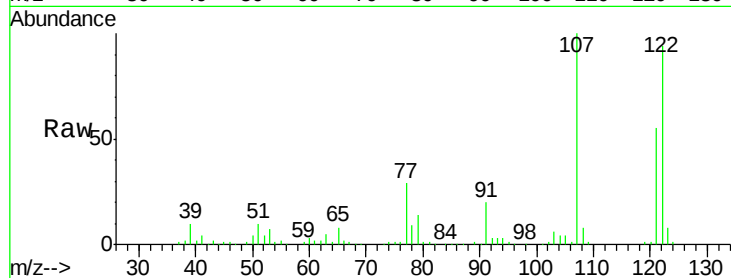
Tgt Ion:122 Resp: 333510

Ion Ratio Lower Upper

122 100

107 106.4 82.4 123.6

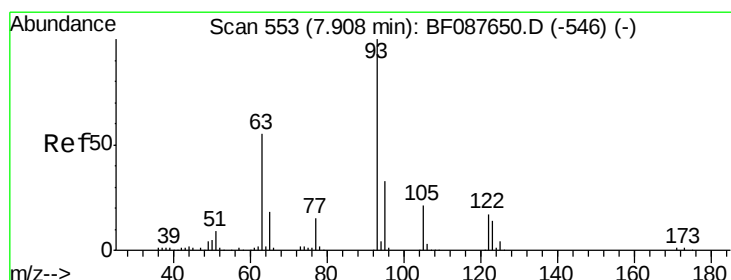
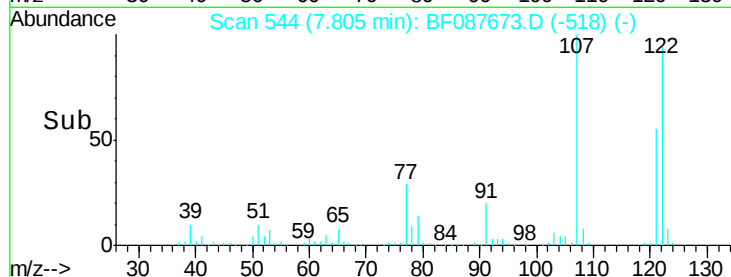
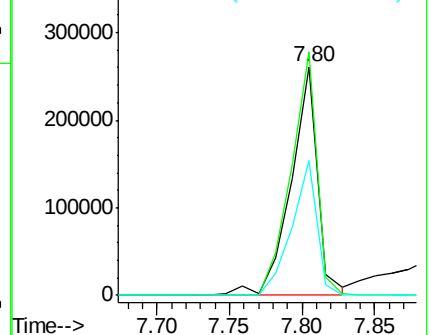
121 58.8 46.3 69.5



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: 37.44 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

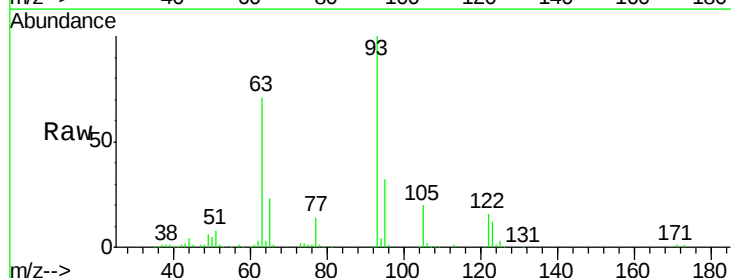
Tgt Ion: 93 Resp: 354154

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

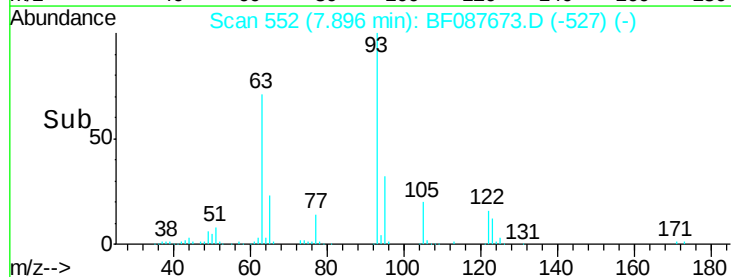
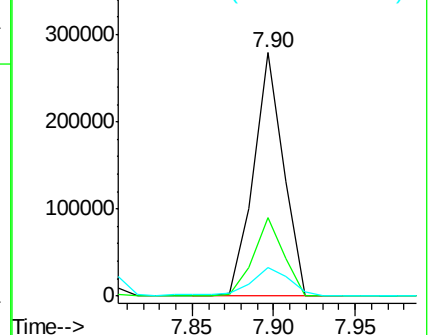
123 11.8 11.6 17.4

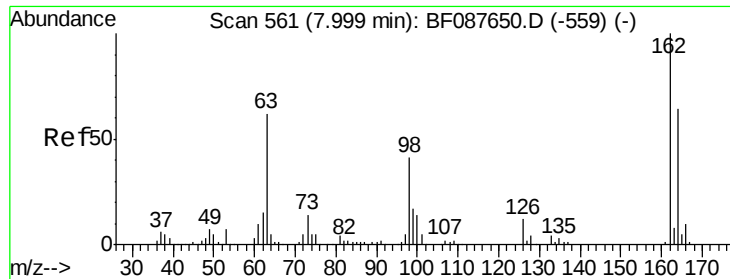


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

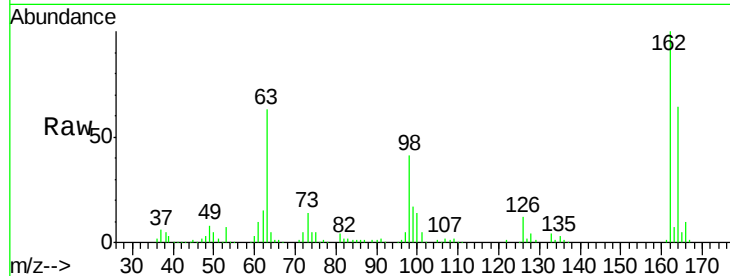




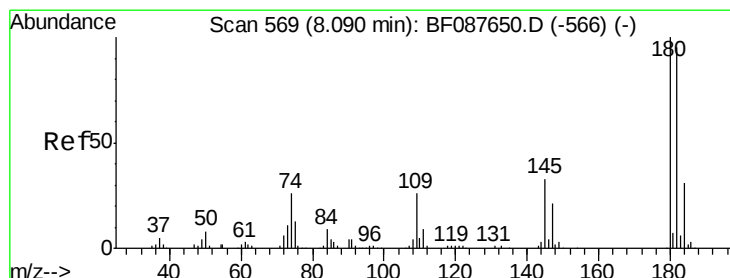
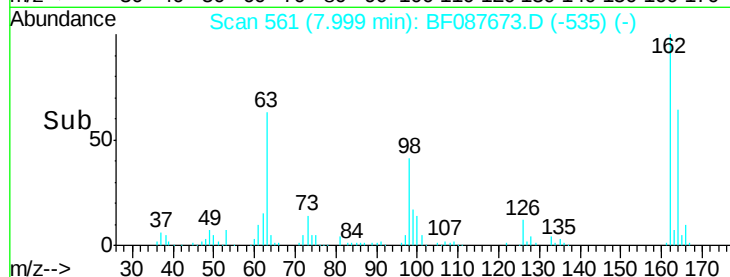
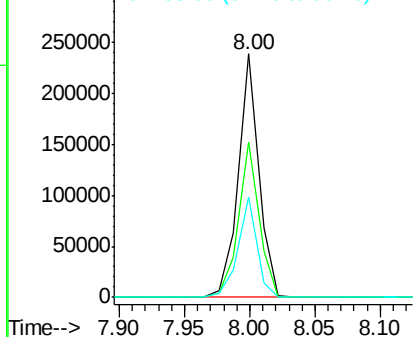
#29
 2,4-Dichlorophenol
 Concen: 40.17 ng
 RT: 8.00 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BS

Tgt Ion:162 Resp: 260472
 Ion Ratio Lower Upper
 162 100
 164 64.0 43.8 83.8
 98 41.4 21.3 61.3

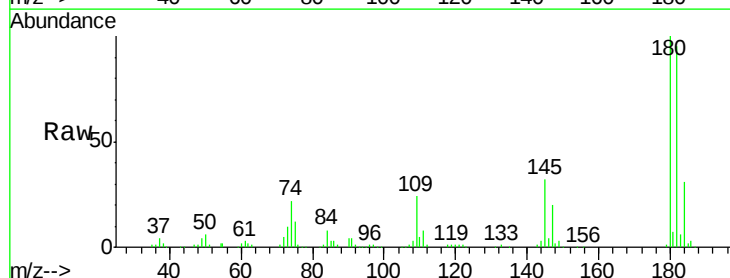


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

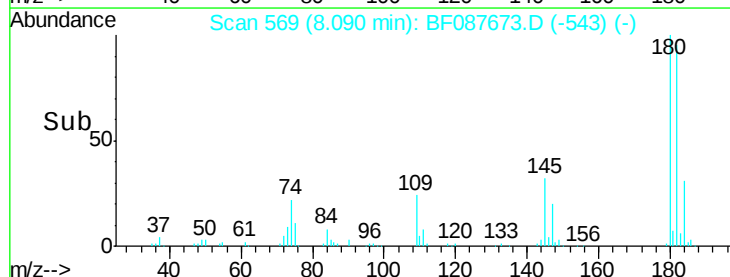
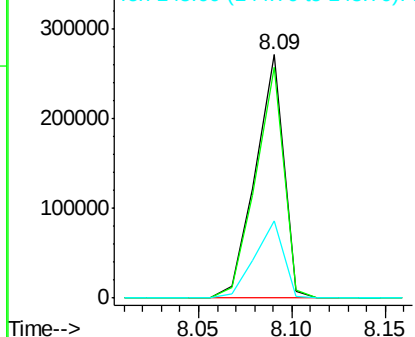


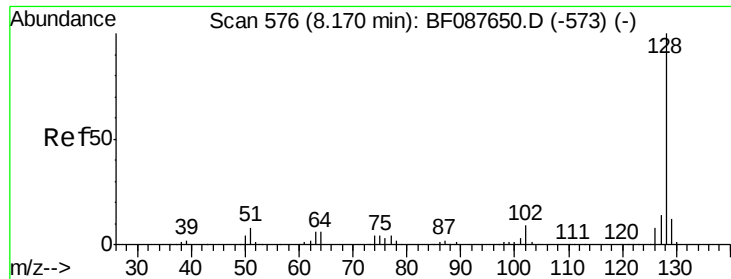
#30
 1,2,4-Trichlorobenzene
 Concen: 41.76 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Tgt Ion:180 Resp: 283575
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.0 114.0
 145 31.6 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

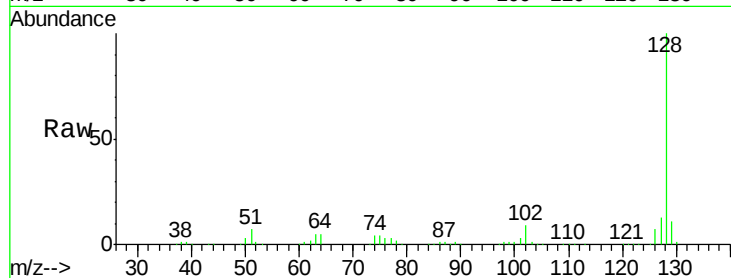




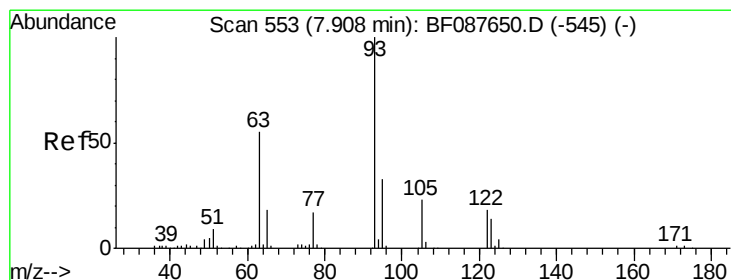
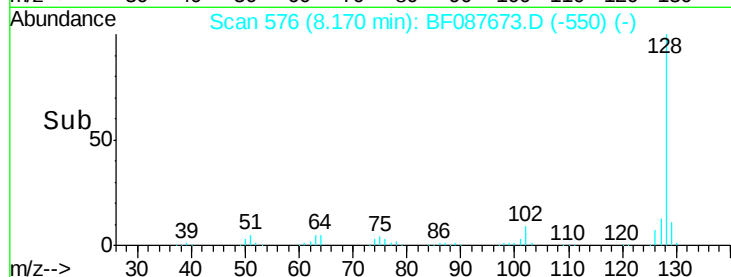
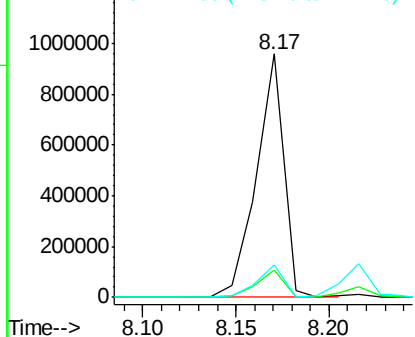
#31
Naphthalene
Concen: 42.06 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB91074BS

Tgt Ion:128 Resp: 969227
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.5 10.9 16.3

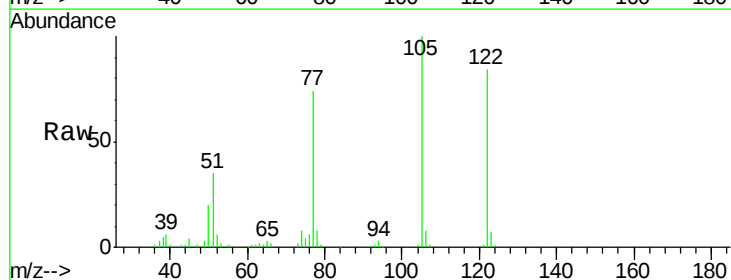


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

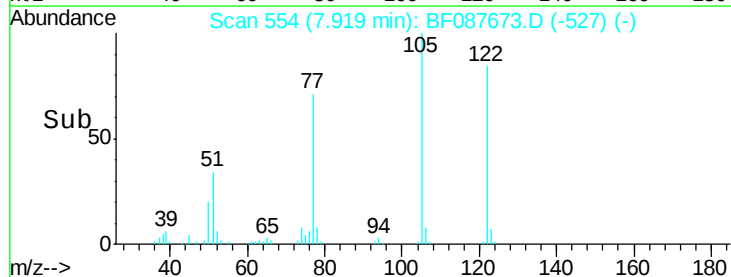
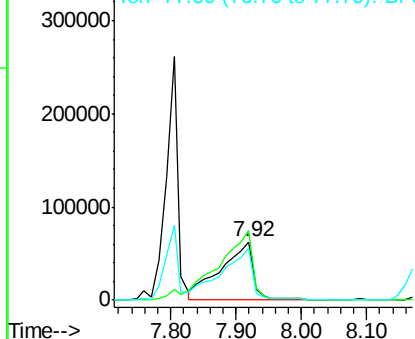


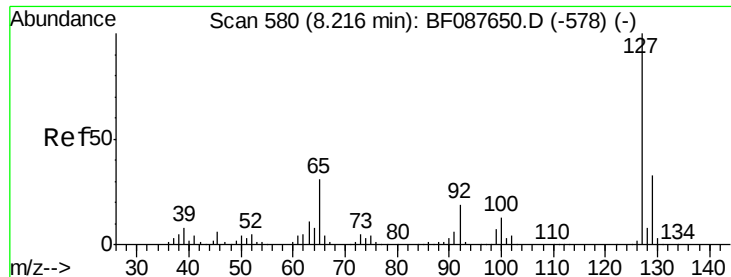
#32
Benzoic acid
Concen: 44.88 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Tgt Ion:122 Resp: 213766
Ion Ratio Lower Upper
122 100
105 119.0 101.6 141.6
77 88.1 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

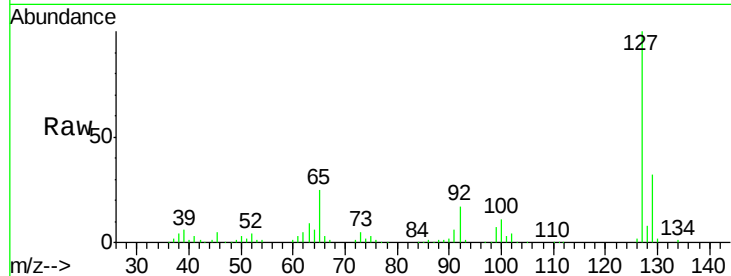




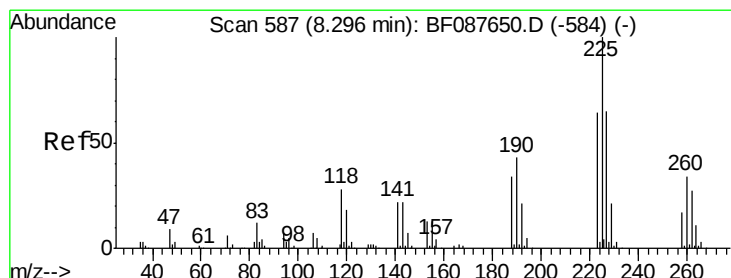
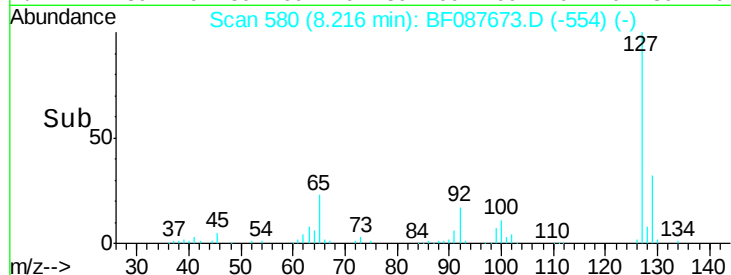
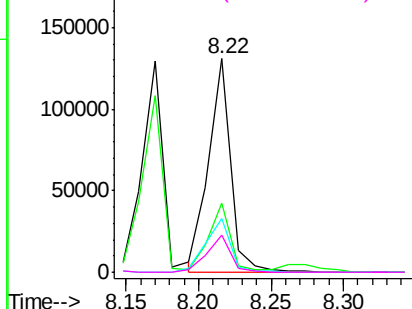
#33
4-Chloroaniline
Concen: 13.96 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB91074BS

Tgt Ion:	127	Resp:	139709
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	25.0	24.7	37.1
92	17.2	15.4	23.0

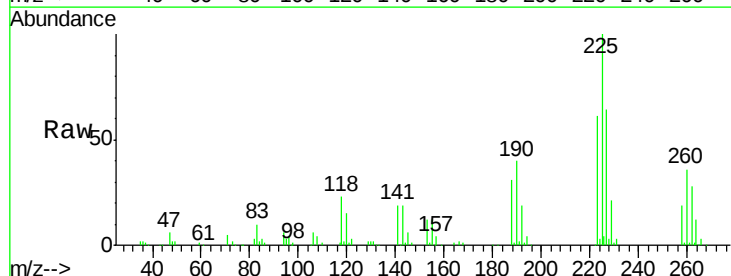


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

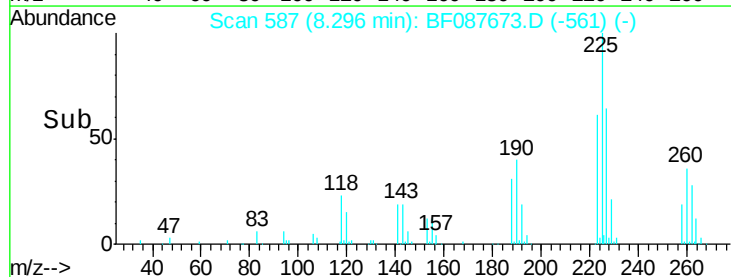
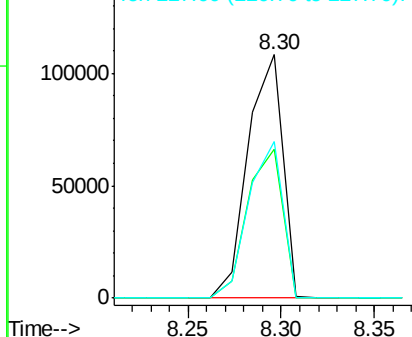


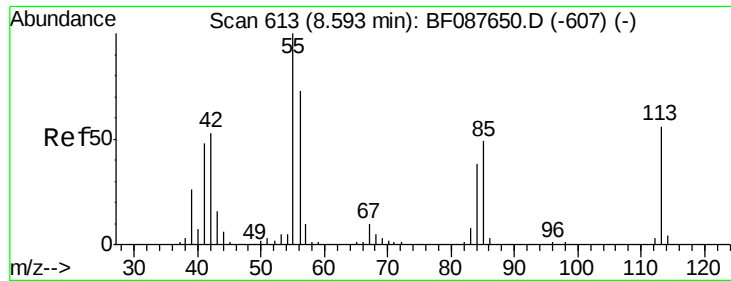
#34
Hexachlorobutadiene
Concen: 39.53 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Tgt Ion:	225	Resp:	139540
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.9	76.3
227	64.3	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

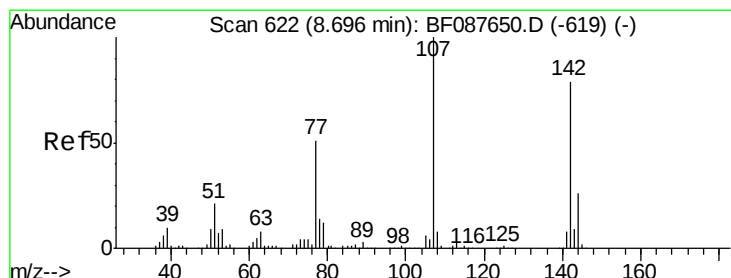
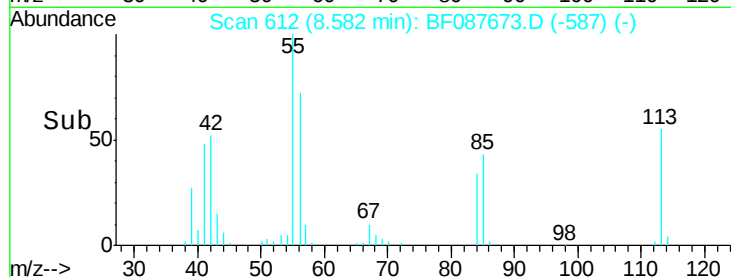
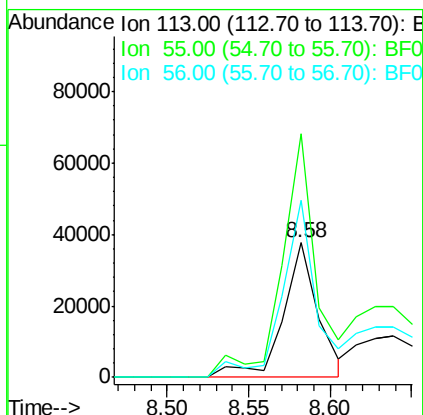
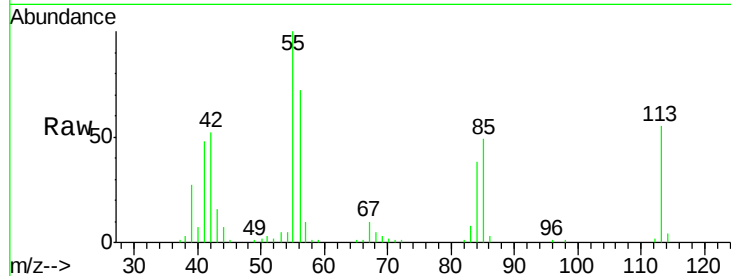




#35
 Caprolactam
 Concen: 26.47 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

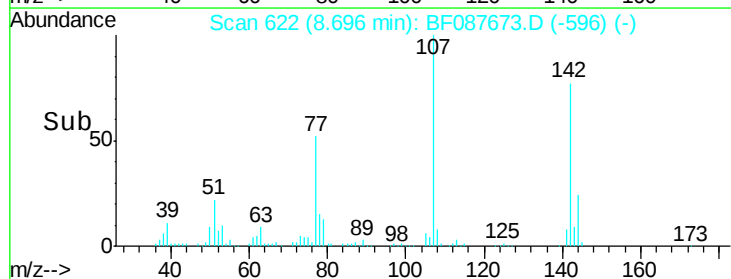
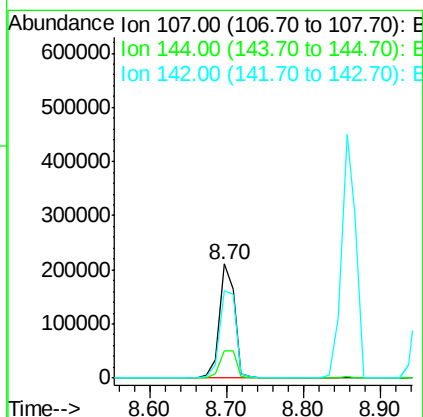
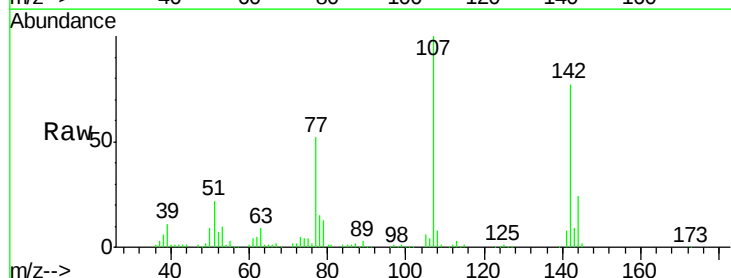
Instrument :
 BNA_F
 ClientSampleID :
 PB91074BS

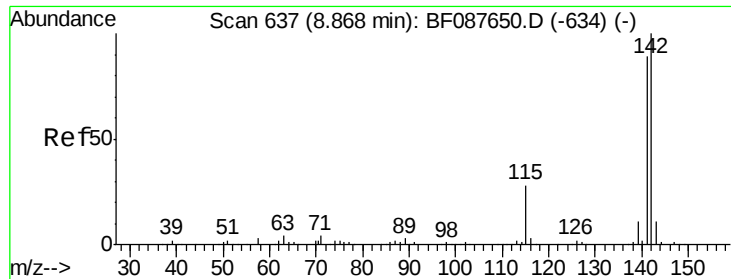
Tgt Ion:113 Resp: 56375
 Ion Ratio Lower Upper
 113 100
 55 181.2 158.6 198.6
 56 131.3 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.97 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Tgt Ion:107 Resp: 294936
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.8 31.2
 142 76.9 63.4 95.2

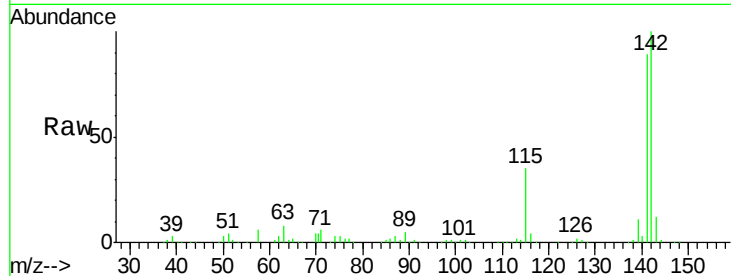




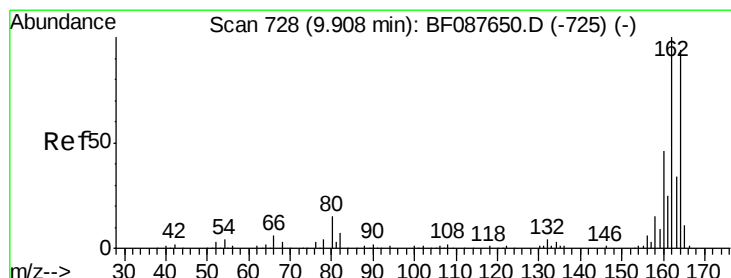
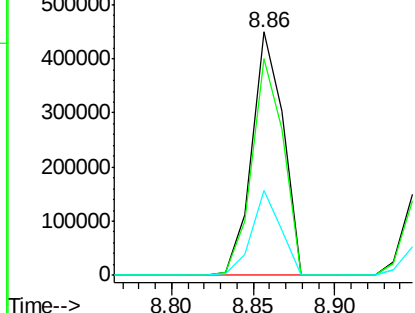
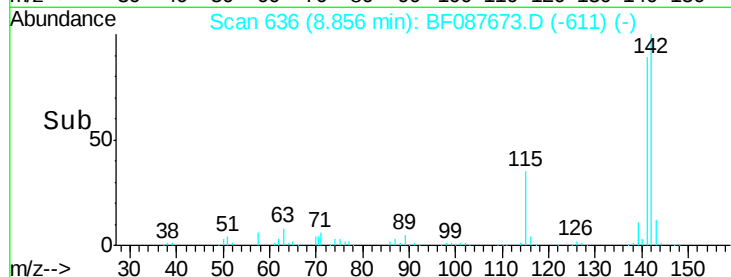
#37
 2-Methylnaphthalene
 Concen: 39.35 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BS

Tgt Ion:142 Resp: 598796
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.0 106.6
 115 34.9 22.6 33.8#

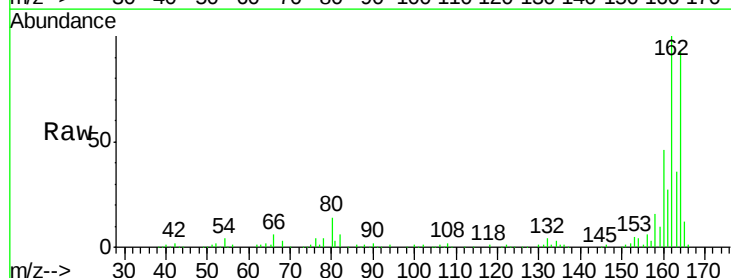


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

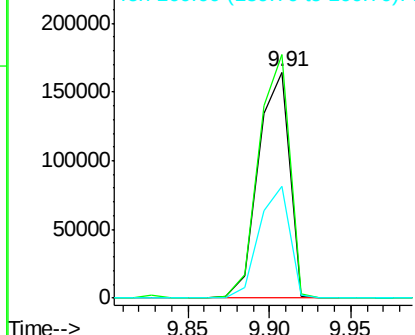
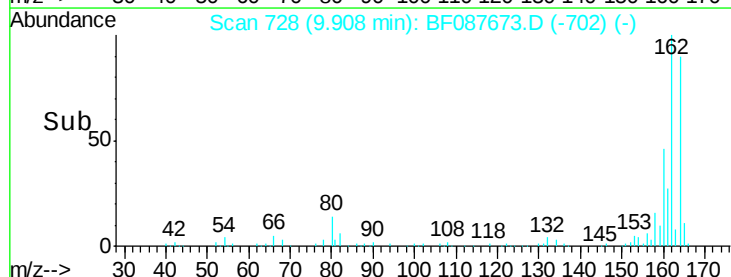


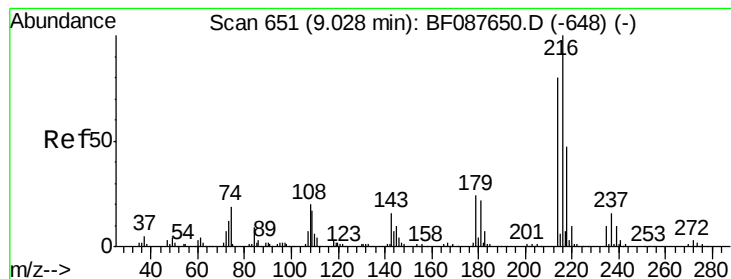
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Tgt Ion:164 Resp: 218300
 Ion Ratio Lower Upper
 164 100
 162 107.7 85.4 128.2
 160 49.6 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: 41.03 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

Tgt Ion:216 Resp: 246830

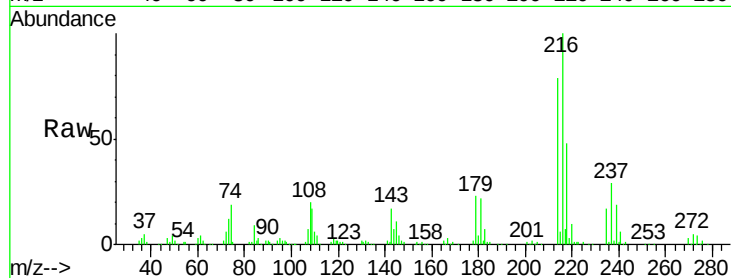
Ion Ratio Lower Upper

216 100

214 78.6 2.9 4.3#

179 22.8 0.0 0.0#

108 24.3 0.5 0.7#

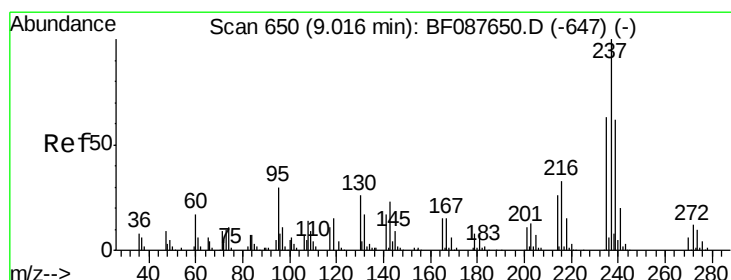
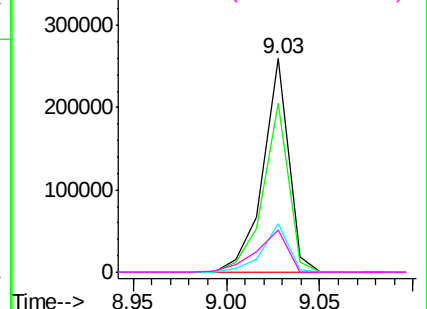
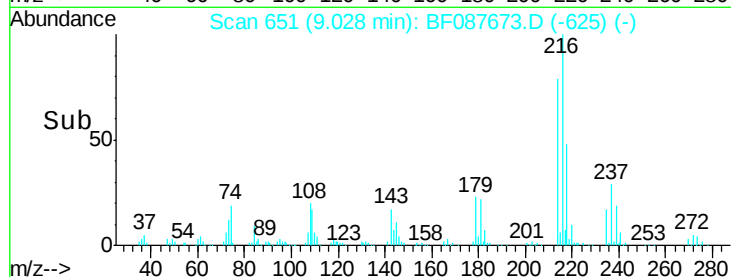


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.88 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

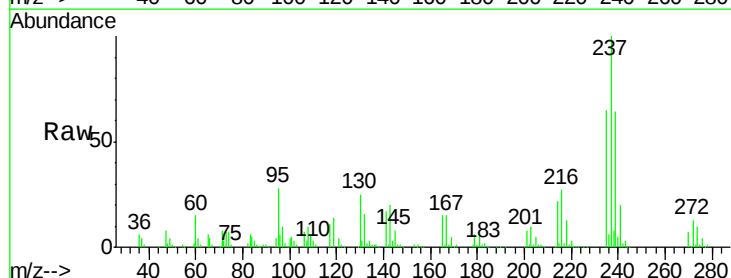
Tgt Ion:237 Resp: 275602

Ion Ratio Lower Upper

237 100

235 64.5 43.4 83.4

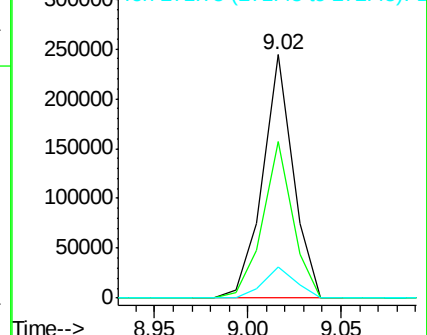
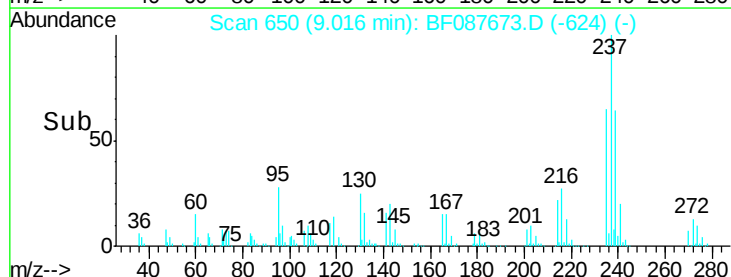
272 12.6 0.0 32.3

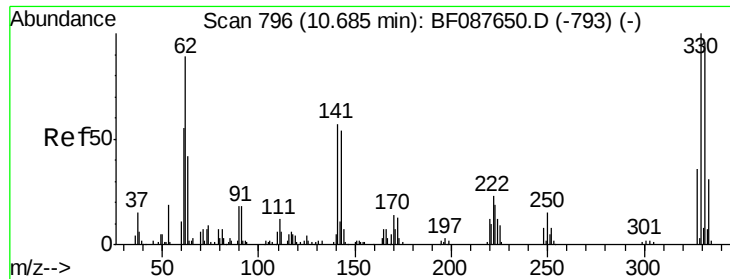


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

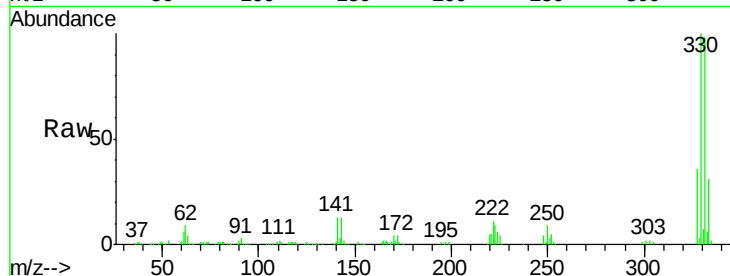




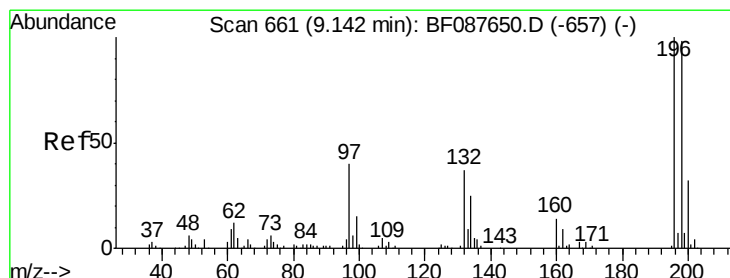
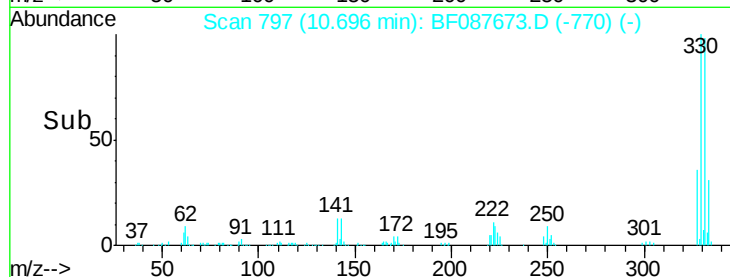
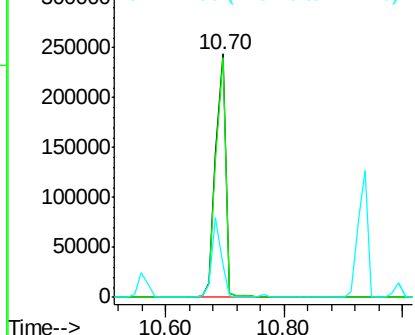
#41
 2,4,6-Tribromophenol
 Concen: 131.53 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BS

Tgt Ion:330 Resp: 288213
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 30.9 0.0 0.0#

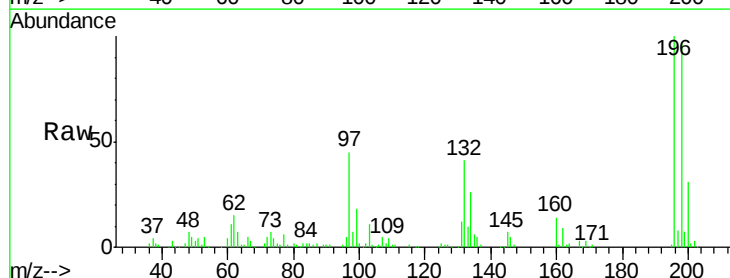


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

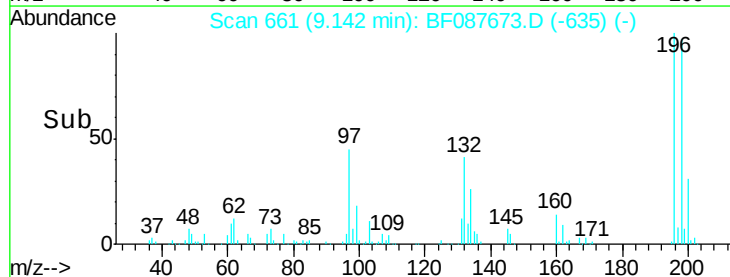
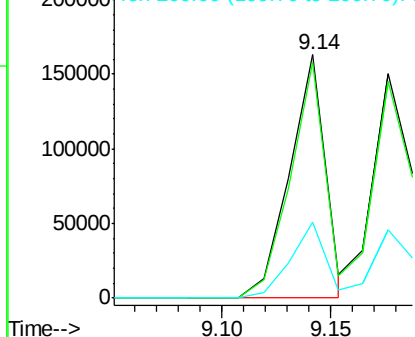


#42
 2,4,6-Trichlorophenol
 Concen: 41.17 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Tgt Ion:196 Resp: 187081
 Ion Ratio Lower Upper
 196 100
 198 96.8 78.0 117.0
 200 31.3 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

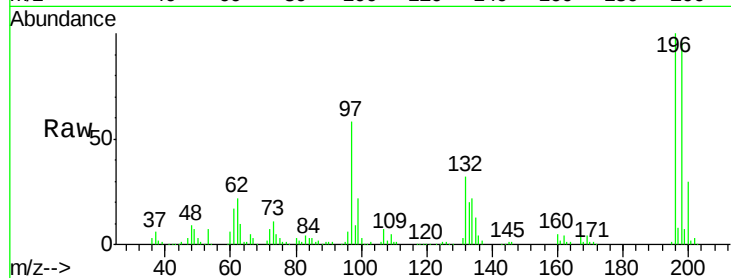




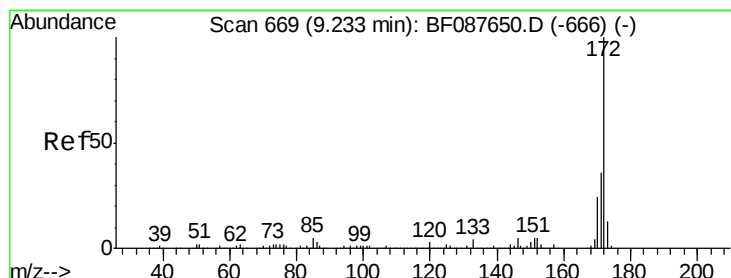
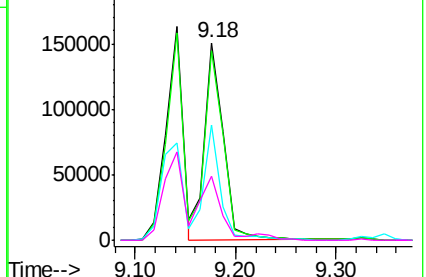
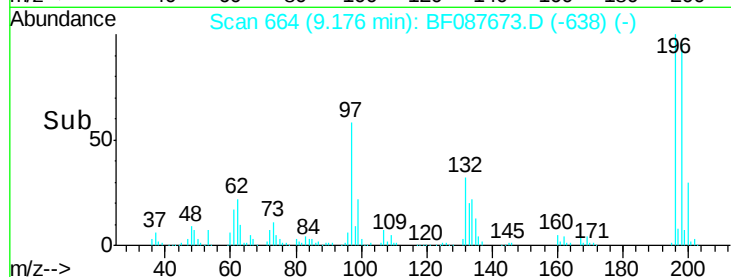
#43
 2,4,5-Trichlorophenol
 Concen: 46.34 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleID :
 PB91074BS

Tgt Ion:196 Resp: 195961
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.5 116.3
 97 58.1 32.0 48.0#
 132 32.3 20.9 31.3#

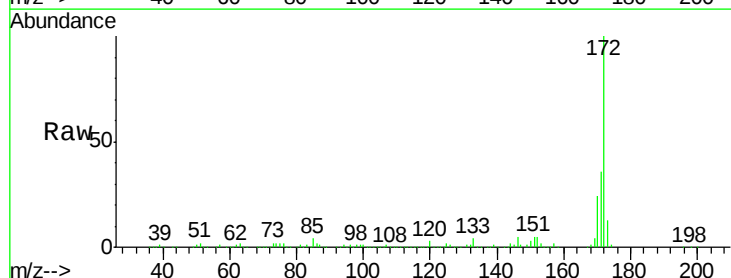


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

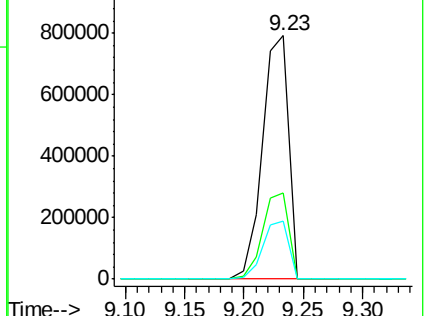
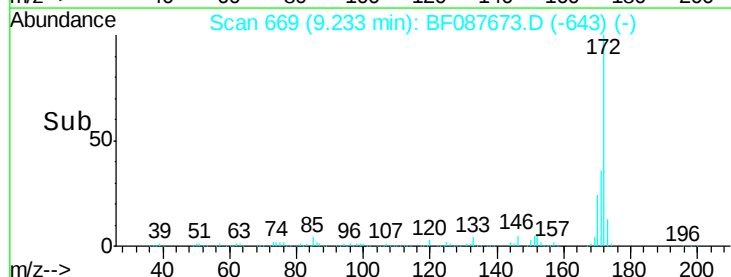


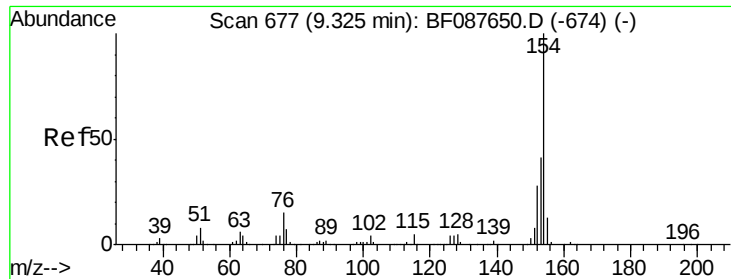
#44
 2-Fluorobiphenyl
 Concen: 85.71 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Tgt Ion:172 Resp: 1215729
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 24.0 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

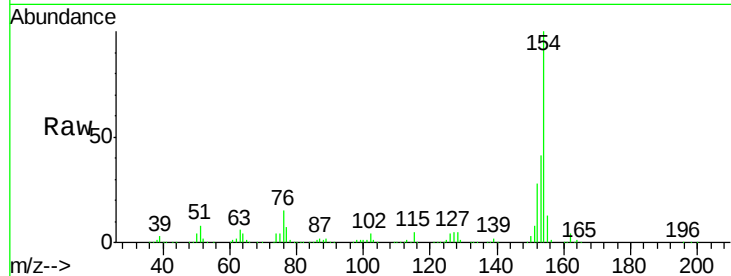




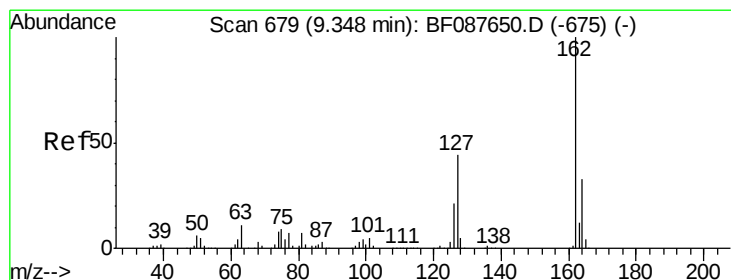
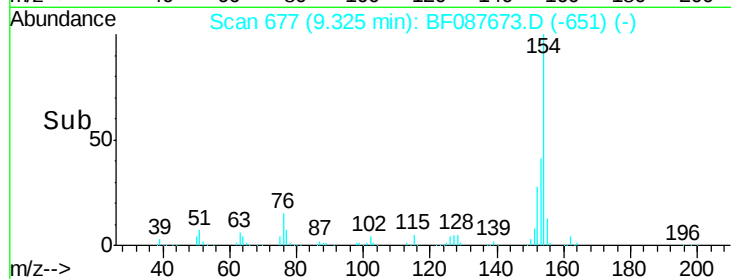
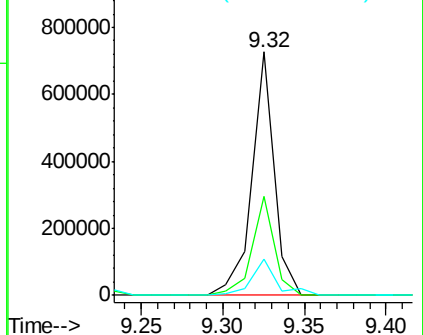
#45
 1,1'-Biphenyl
 Concen: 38.94 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BS

Tgt Ion:	154	Resp:	689955
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.6	60.6
76	15.0	0.0	35.1

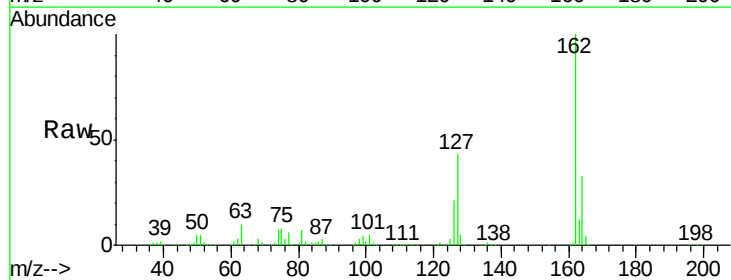


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

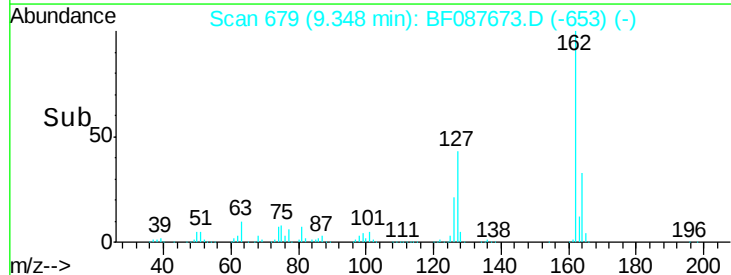
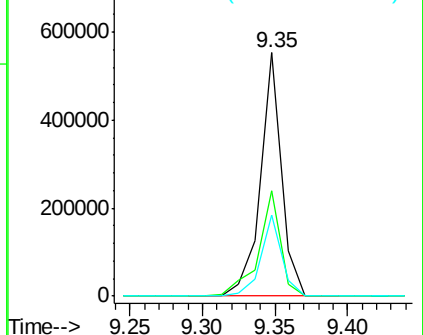


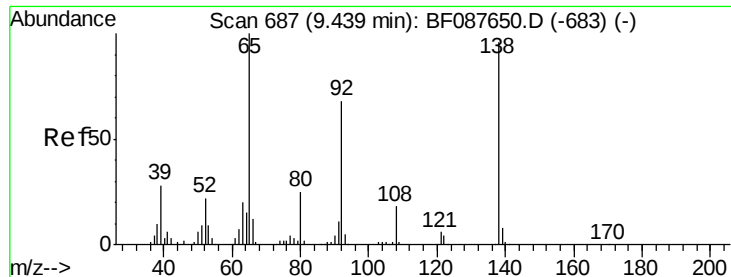
#46
 2-Chloronaphthalene
 Concen: 39.27 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Tgt Ion:	162	Resp:	553768
Ion Ratio	Lower	Upper	
162	100		
127	43.1	35.2	52.8
164	33.4	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

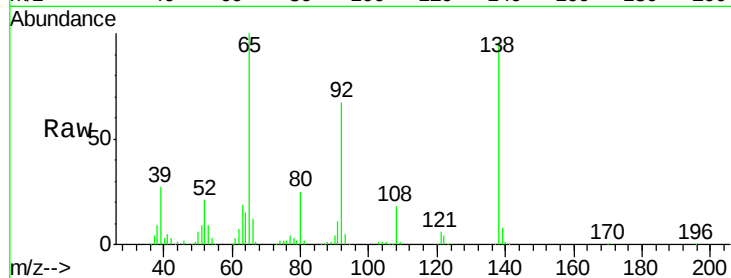




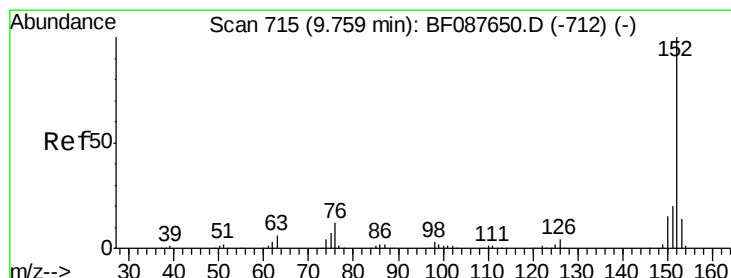
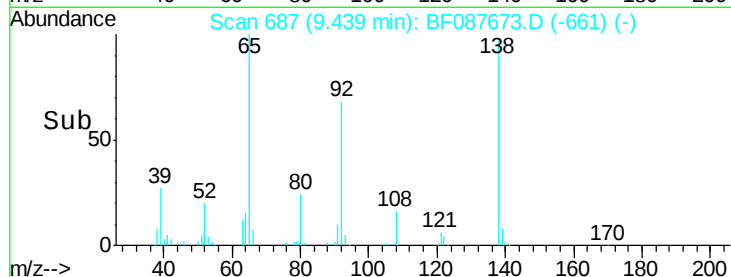
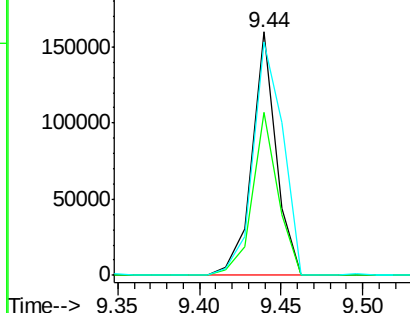
#47
2-Nitroaniline
Concen: 41.43 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB91074BS

Tgt Ion: 65 Resp: 164536
Ion Ratio Lower Upper
65 100
92 67.0 54.6 82.0
138 96.1 77.0 115.4

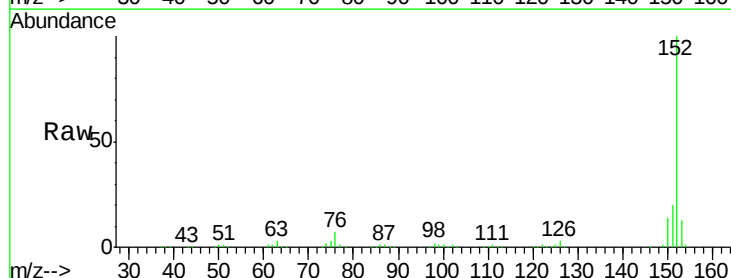


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

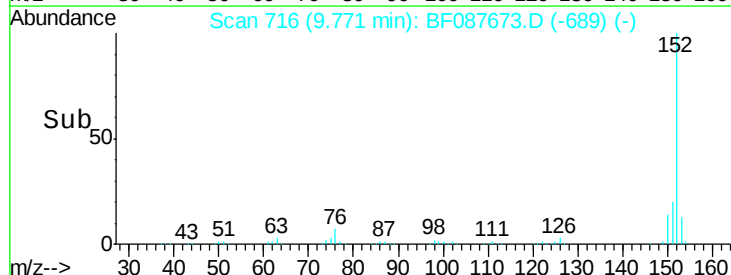
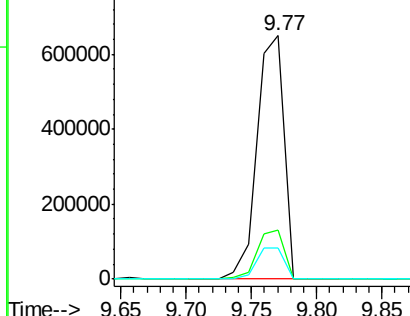


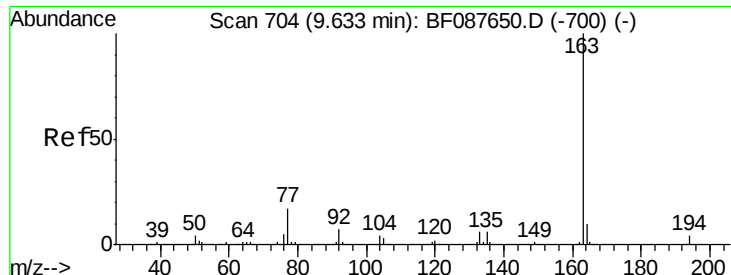
#48
Acenaphthylene
Concen: 42.58 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Tgt Ion: 152 Resp: 936587
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 12.9 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

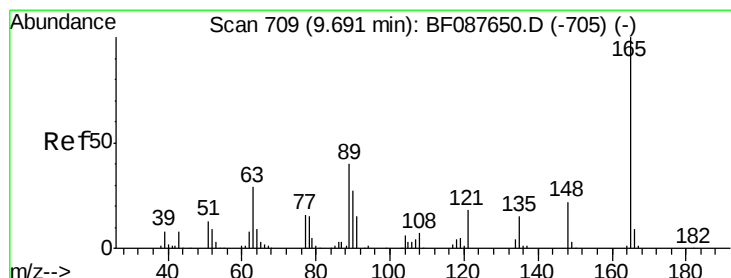
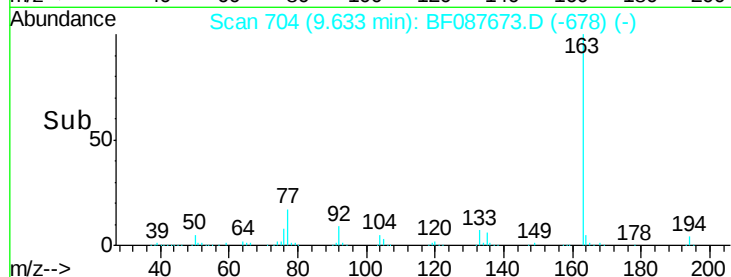
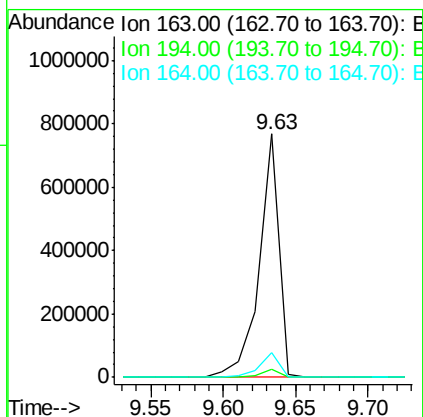
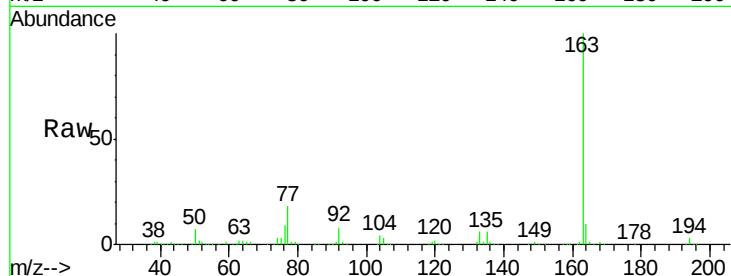




#49
Dimethylphthalate
Concen: 45.60 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

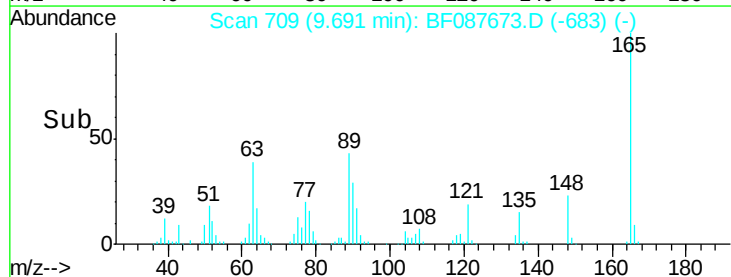
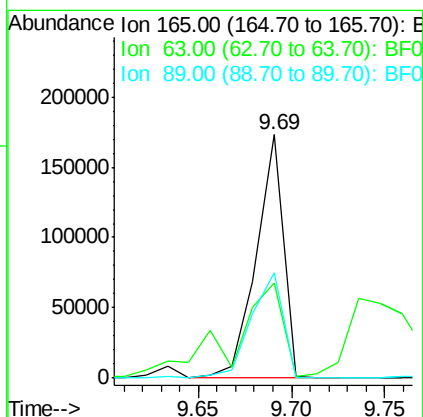
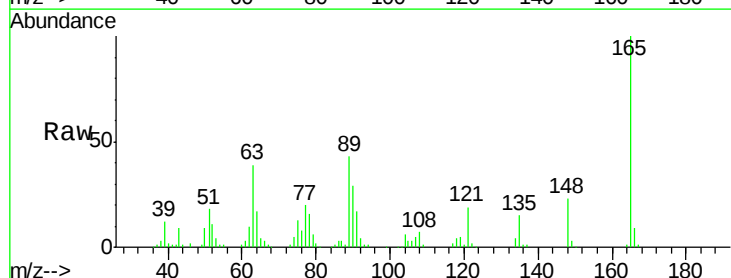
Instrument :
BNA_F
ClientSampleId :
PB91074BS

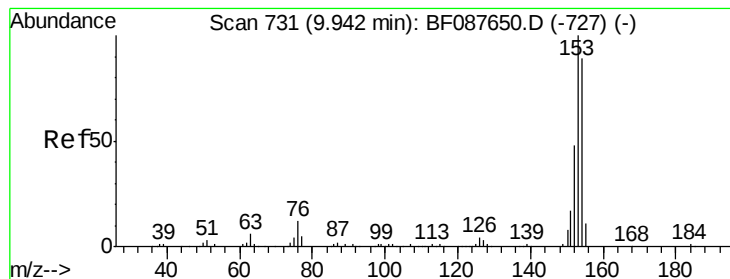
Tgt Ion:163 Resp: 723627
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.2 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 48.05 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Tgt Ion:165 Resp: 173497
Ion Ratio Lower Upper
165 100
63 39.3 28.1 42.1
89 43.1 32.2 48.2





#51

Acenaphthene

Concen: 45.33 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

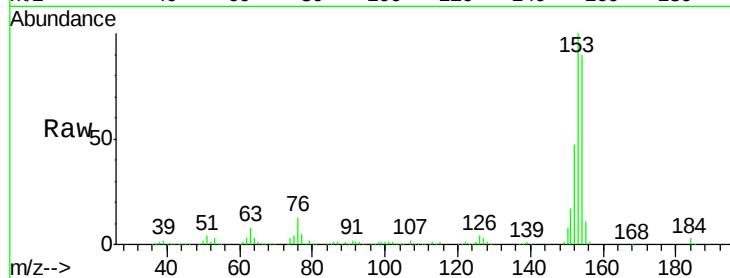
Tgt Ion:154 Resp: 641513

Ion Ratio Lower Upper

154 100

153 111.6 89.5 134.3

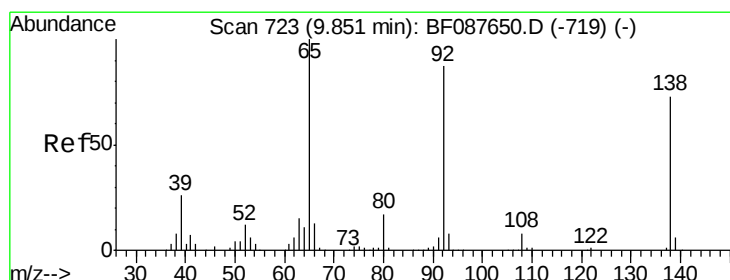
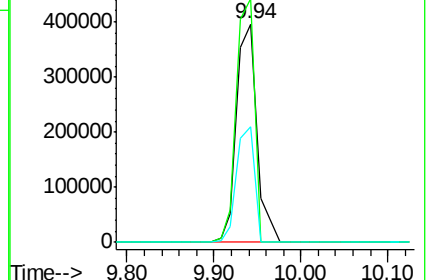
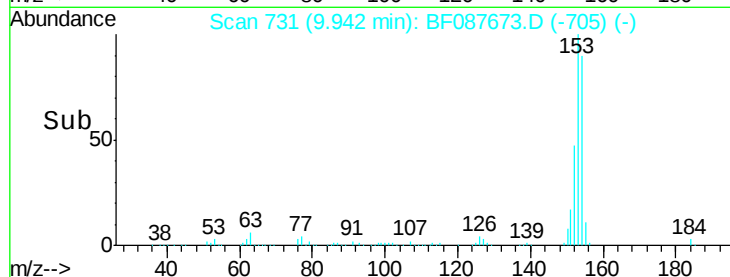
152 52.8 42.7 64.1



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: 22.16 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

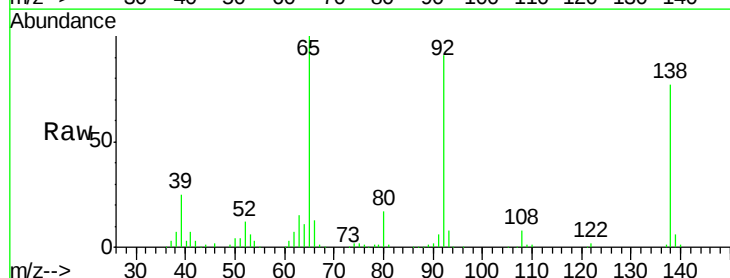
Tgt Ion:138 Resp: 91512

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

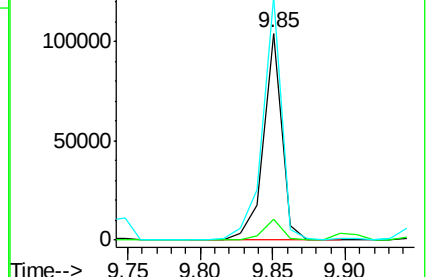
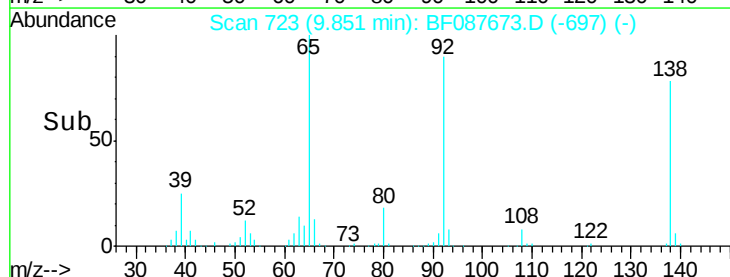
92 117.7 95.7 143.5

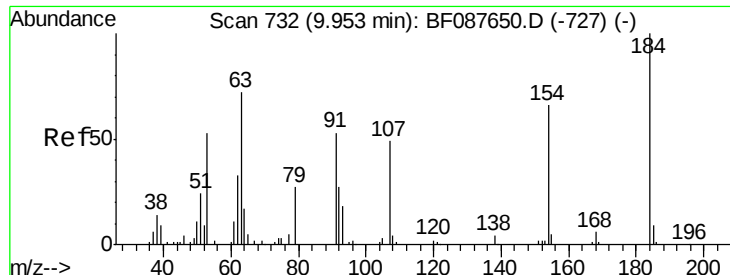


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

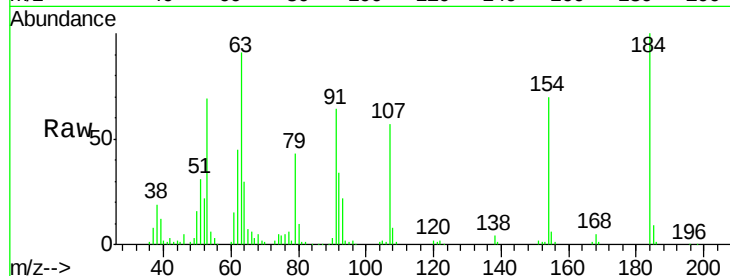




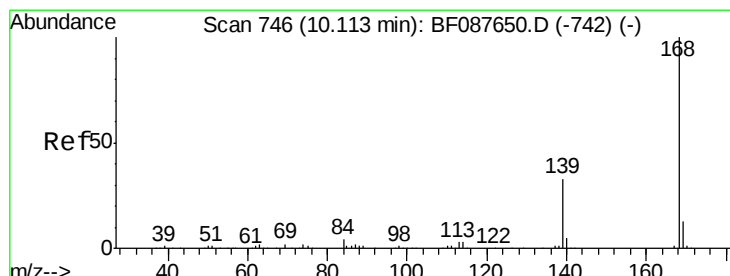
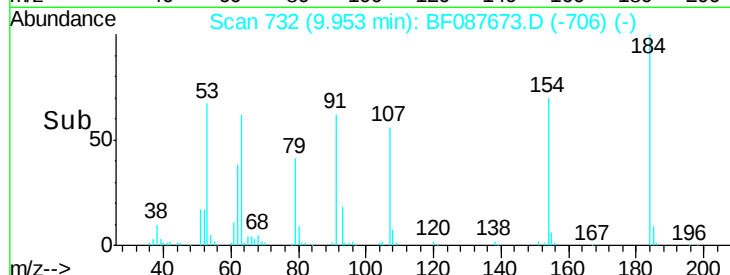
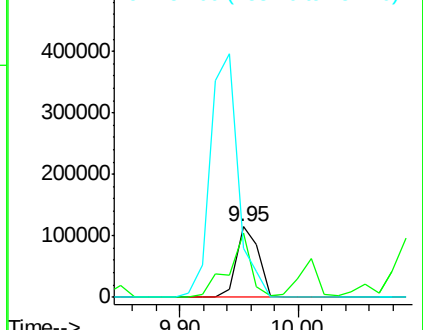
#53
2,4-Dinitrophenol
Concen: 91.08 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB91074BS

Tgt Ion:184 Resp: 150175
Ion Ratio Lower Upper
184 100
63 91.4 57.6 86.4#
154 69.5 53.5 80.3

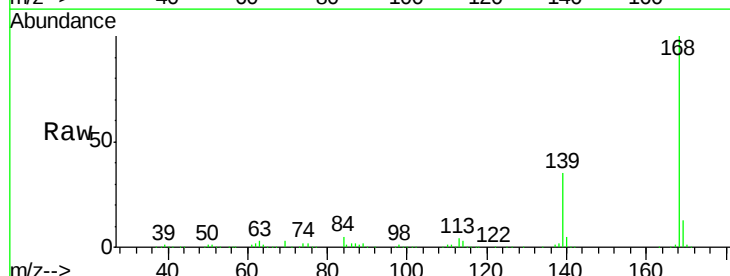


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

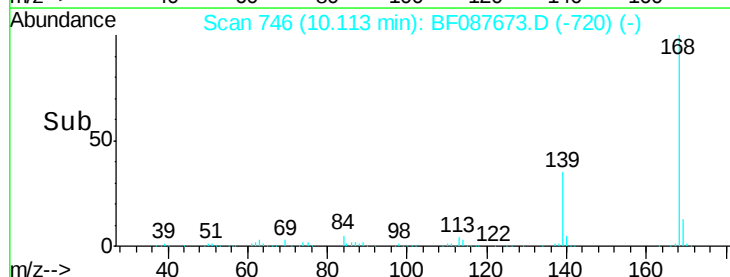
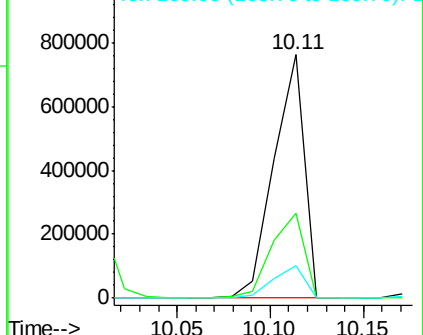


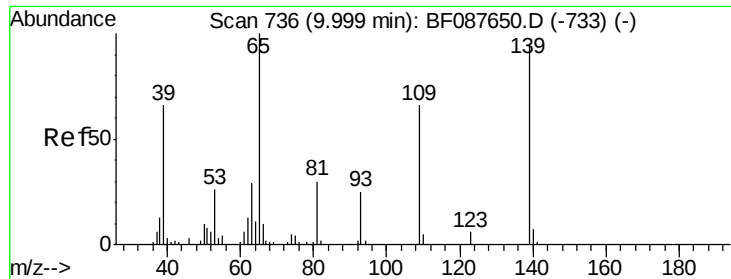
#54
Dibenzofuran
Concen: 45.00 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Tgt Ion:168 Resp: 866955
Ion Ratio Lower Upper
168 100
139 34.7 26.4 39.6
169 13.4 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

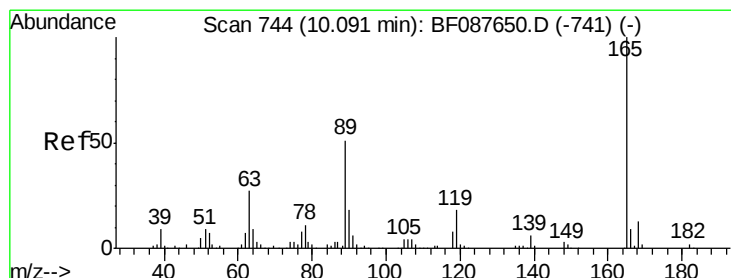
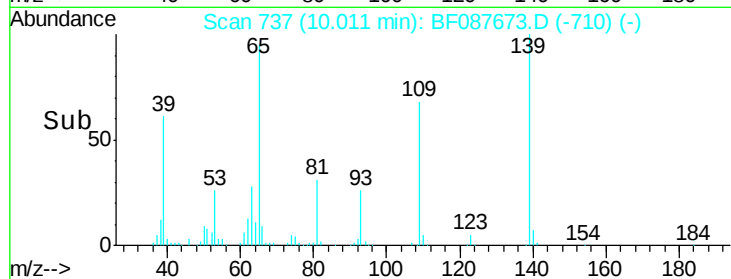
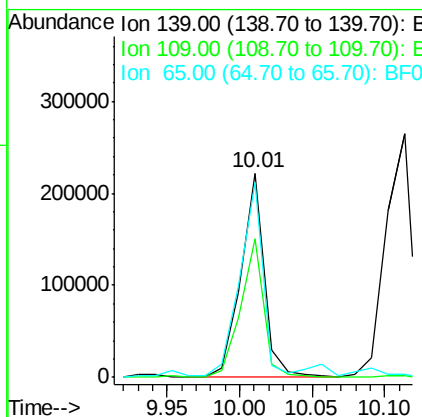
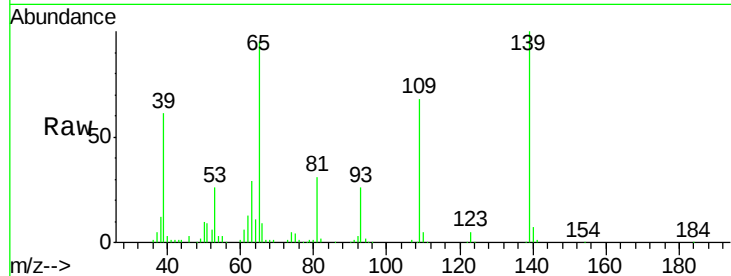




#55
4-Nitrophenol
Concen: 70.88 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

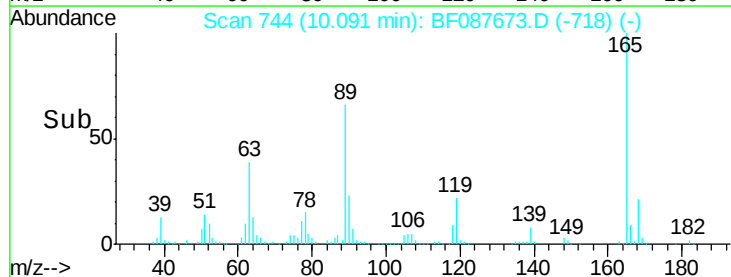
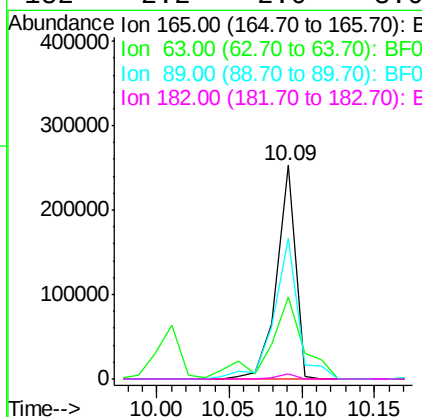
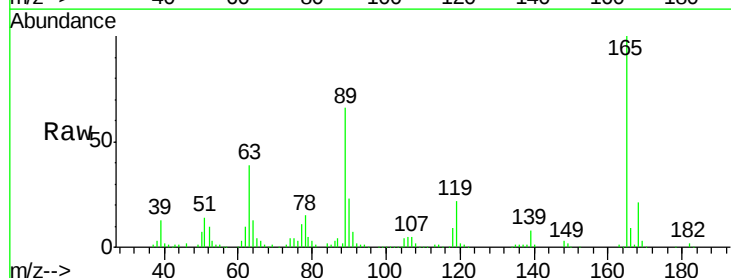
Instrument :
BNA_F
ClientSampleId :
PB91074BS

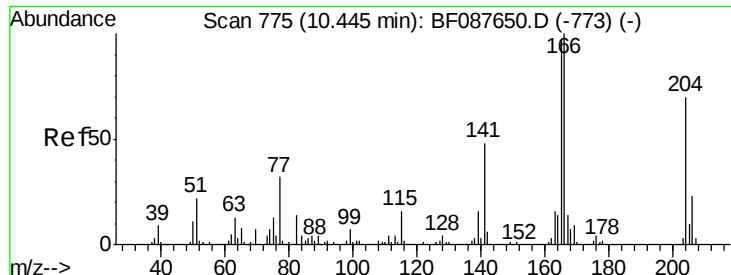
Tgt Ion:139 Resp: 250201
Ion Ratio Lower Upper
139 100
109 68.0 48.9 88.9
65 95.5 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 49.73 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Tgt Ion:165 Resp: 228640
Ion Ratio Lower Upper
165 100
63 38.5 22.0 33.0#
89 66.0 41.1 61.7#
182 2.2 2.0 3.0





#57

Fluorene

Concen: 39.78 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampled :

PB91074BS

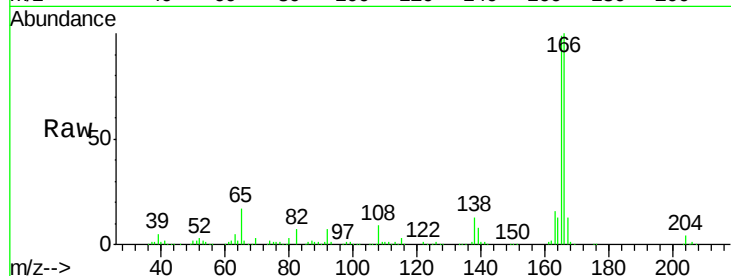
Tgt Ion:166 Resp: 599111

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

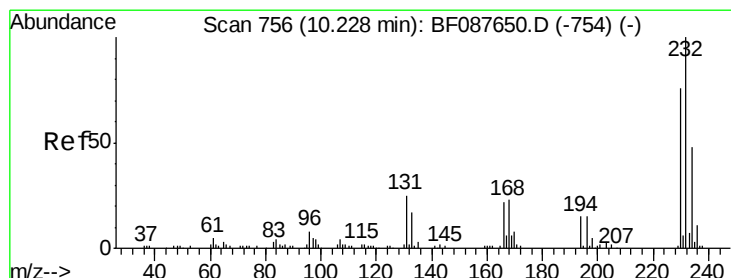
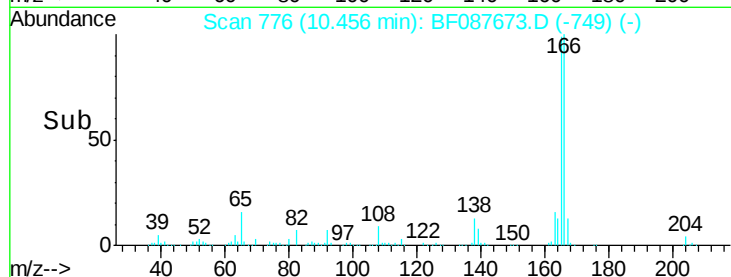
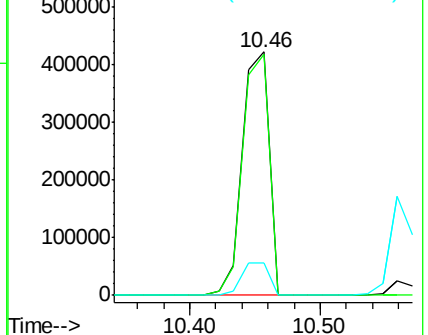
167 13.1 11.2 16.8



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: 45.61 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Tgt Ion:232 Resp: 166125

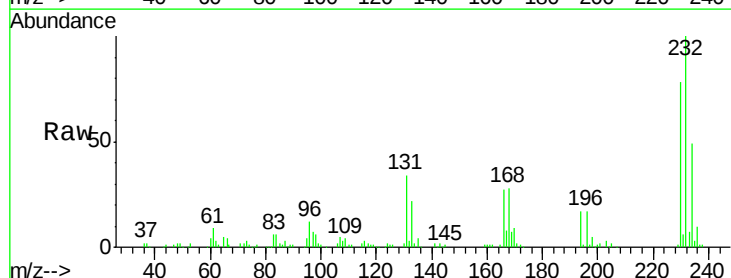
Ion Ratio Lower Upper

232 100

131 48.0 0.9 1.3#

130 2.3 1.5 2.3#

166 32.2 0.5 0.7#

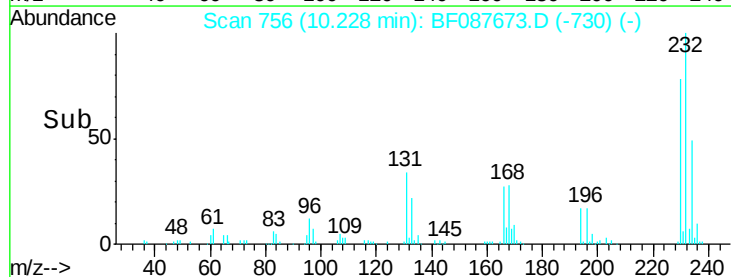
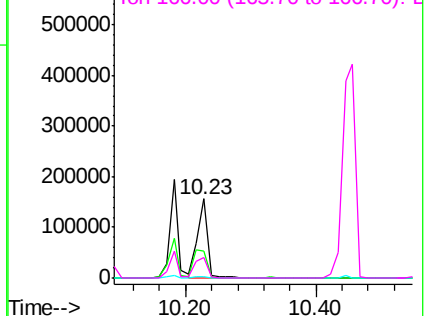


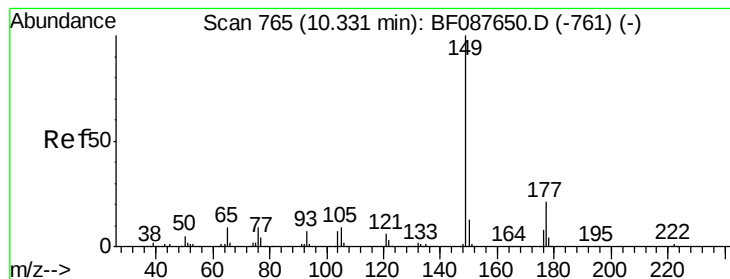
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.78 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

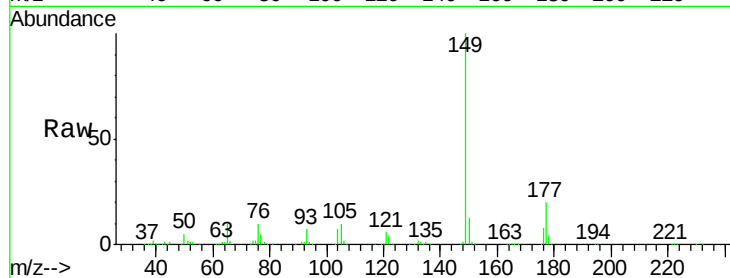
Tgt Ion:149 Resp: 649930

Ion Ratio Lower Upper

149 100

177 20.3 16.9 25.3

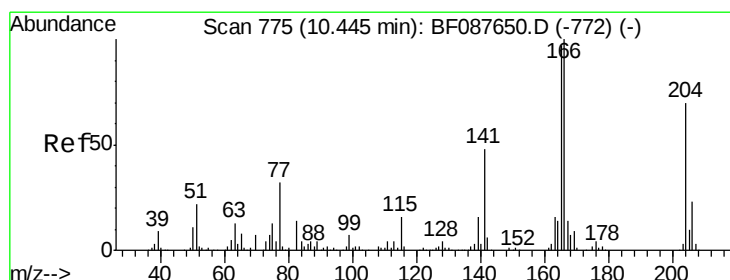
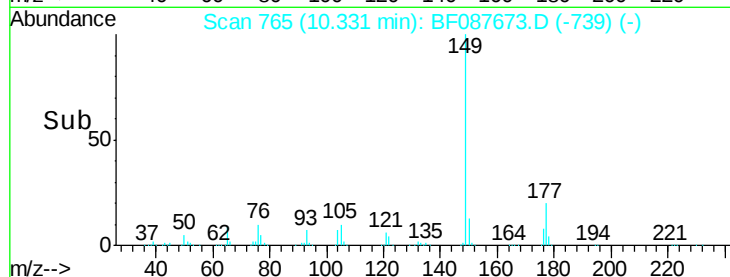
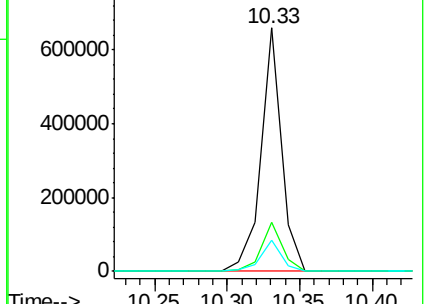
150 12.8 10.1 15.1



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: 47.63 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

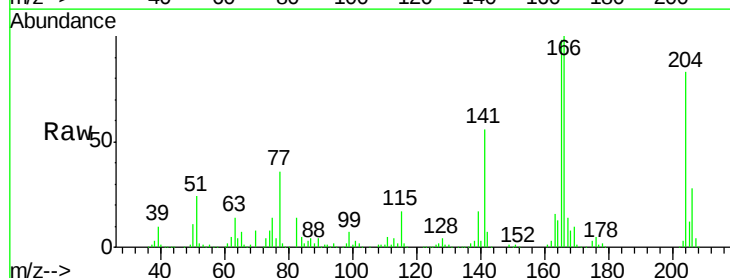
Tgt Ion:204 Resp: 269534

Ion Ratio Lower Upper

204 100

206 33.2 26.3 39.5

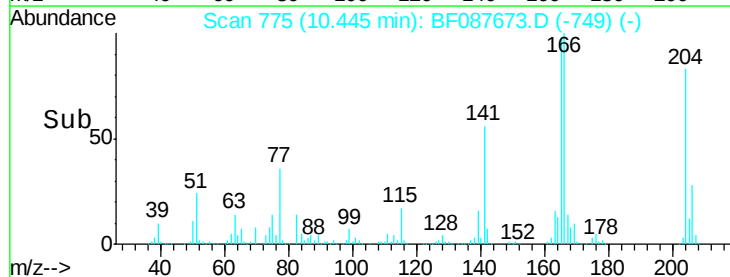
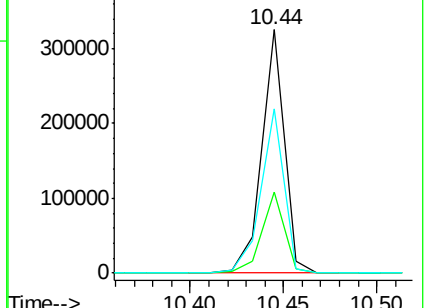
141 67.2 55.0 82.6

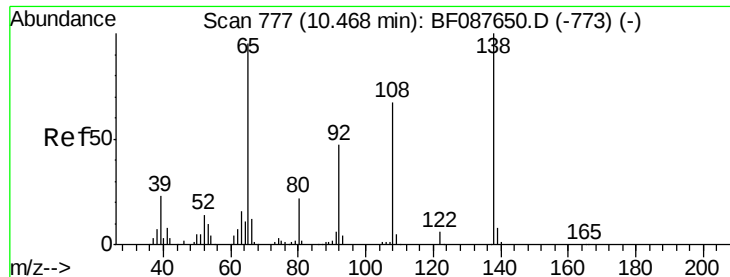


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

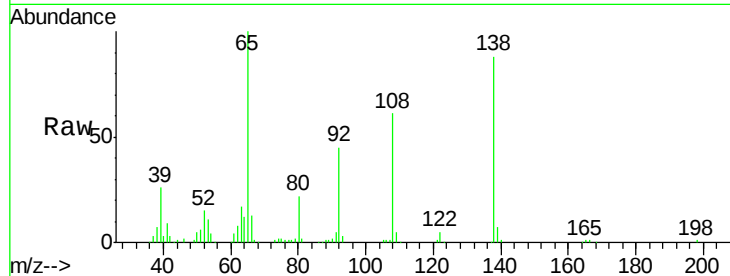




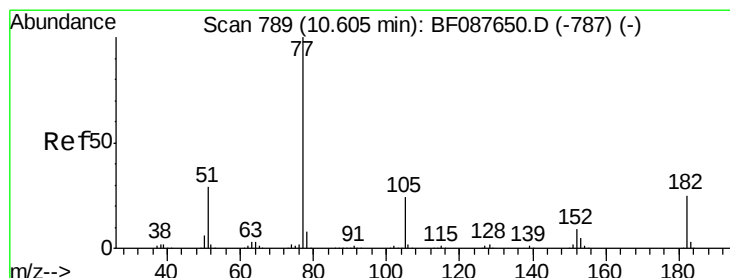
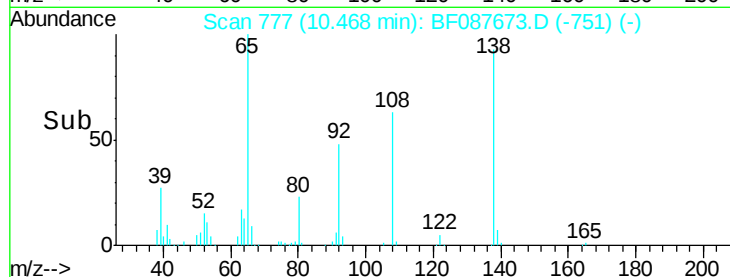
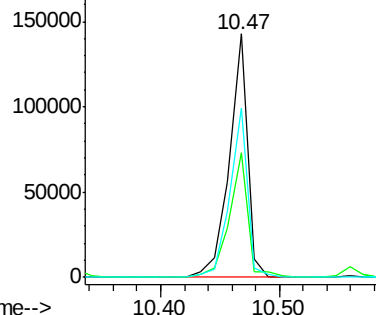
#61
4-Nitroaniline
Concen: 39.04 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB91074BS

Tgt Ion:138 Resp: 154997
Ion Ratio Lower Upper
138 100
92 51.1 27.3 67.3
108 69.8 46.7 86.7

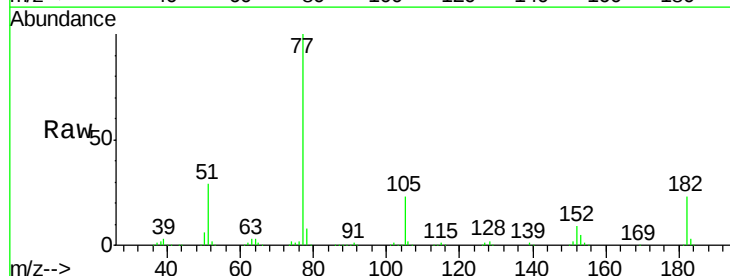


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

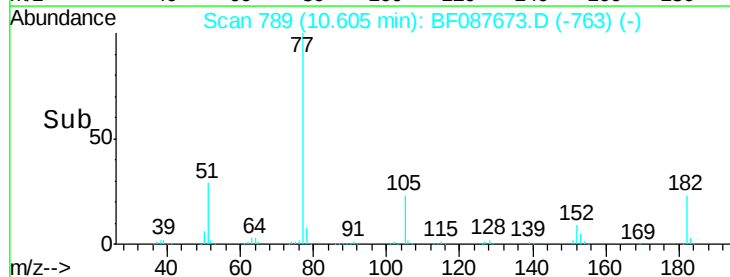
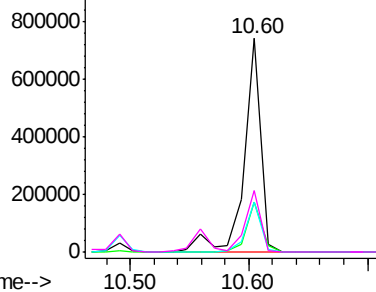


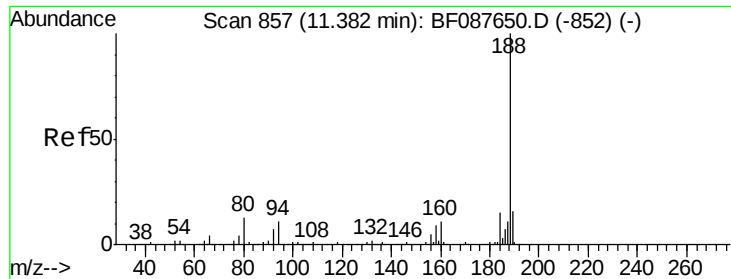
#62
Azobenzene
Concen: 45.33 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Tgt Ion: 77 Resp: 727293
Ion Ratio Lower Upper
77 100
182 23.3 4.4 44.4
105 23.1 3.8 43.8
51 29.1 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

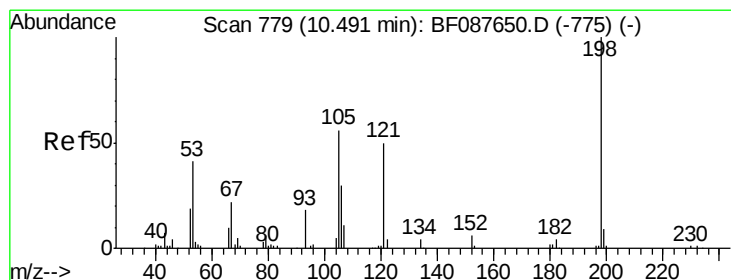
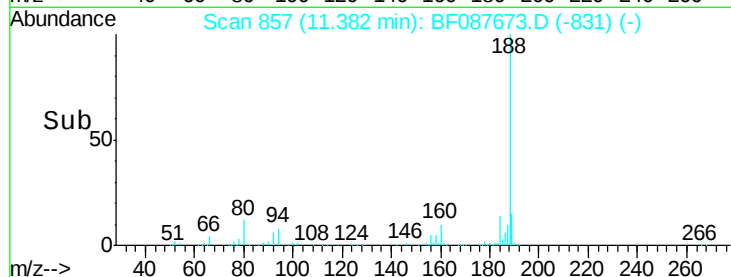
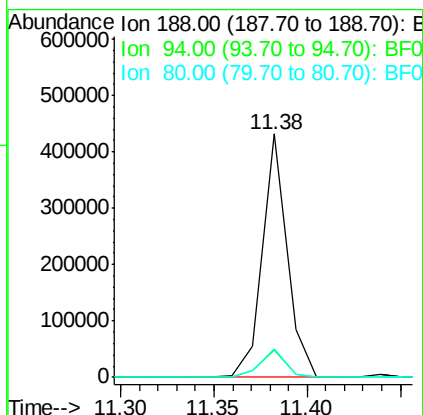
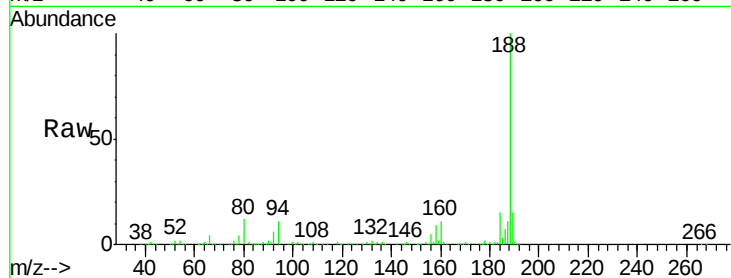




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

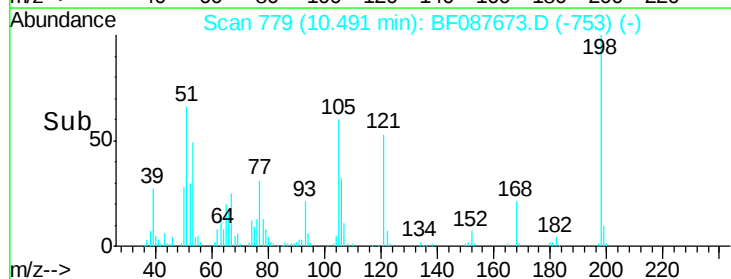
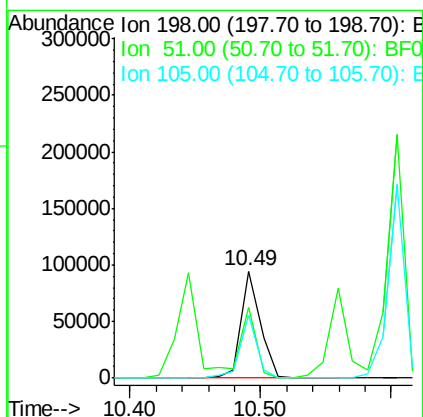
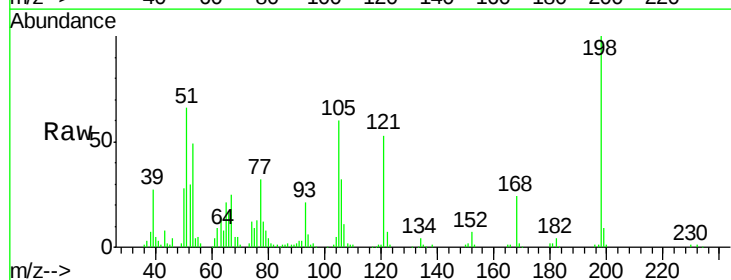
Instrument :
BNA_F
ClientSampleId :
PB91074BS

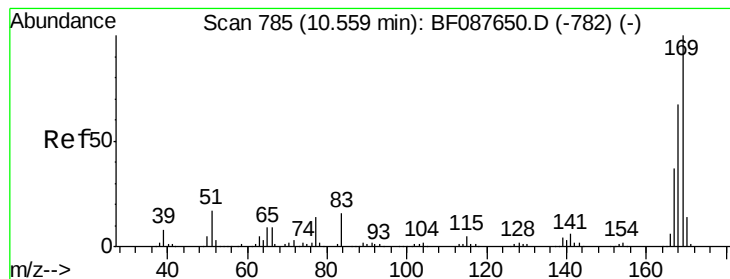
Tgt Ion:188 Resp: 395257
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 12.0 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 44.09 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Tgt Ion:198 Resp: 96494
Ion Ratio Lower Upper
198 100
51 66.0 39.6 79.6
105 59.6 36.6 76.6

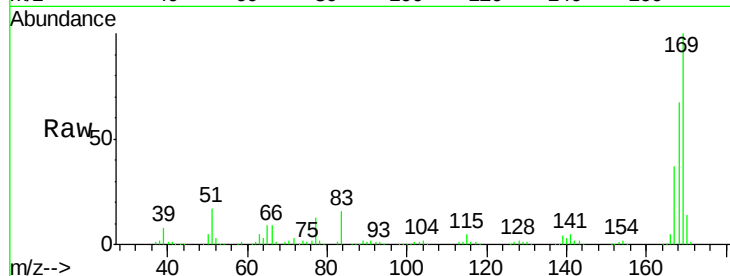




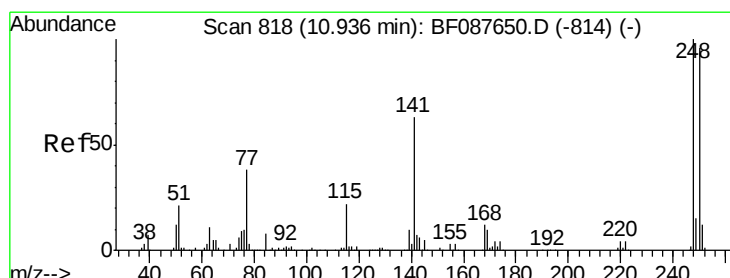
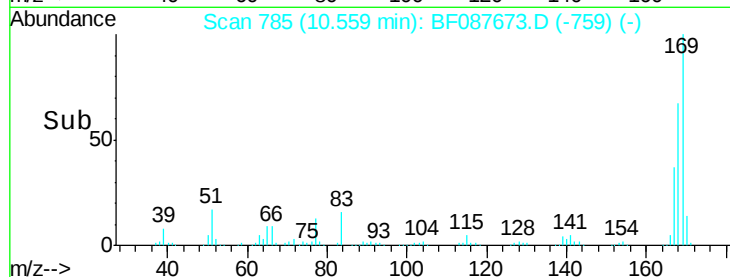
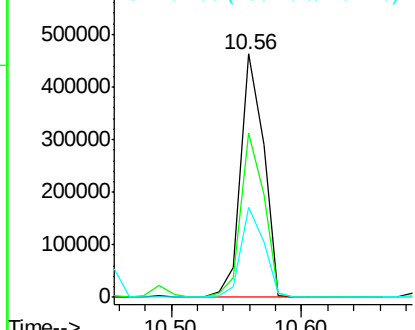
#65
 n-Nitrosodiphenylamine
 Concen: 43.59 ng
 RT: 10.56 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BS

Tgt Ion:169 Resp: 564315
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.4 80.0
 167 36.9 29.4 44.0

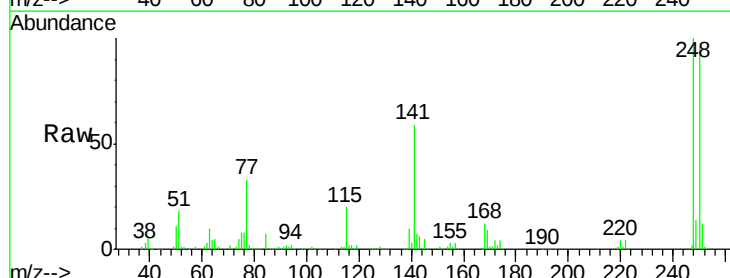


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

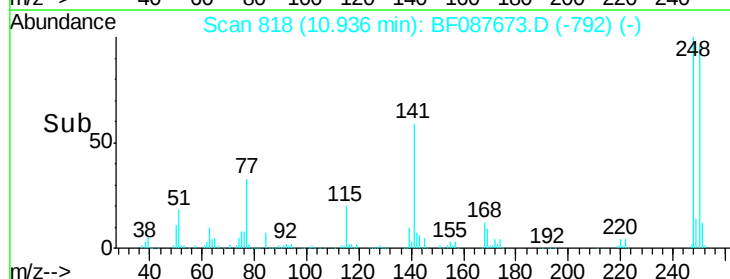
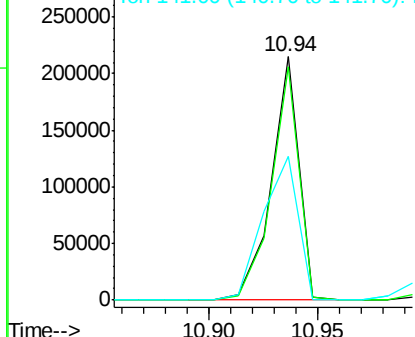


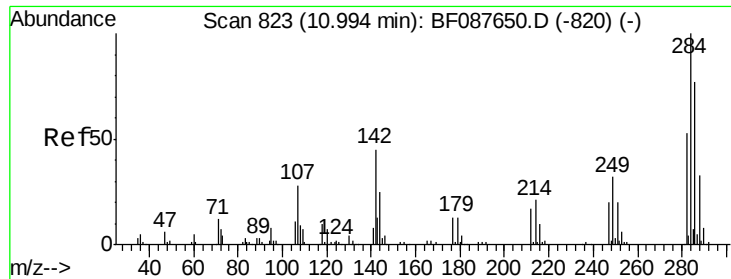
#66
 4-Bromophenyl-phenylether
 Concen: 48.74 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Tgt Ion:248 Resp: 191028
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.1 115.7
 141 59.3 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

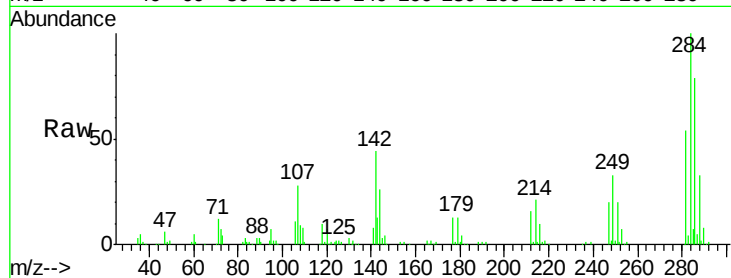




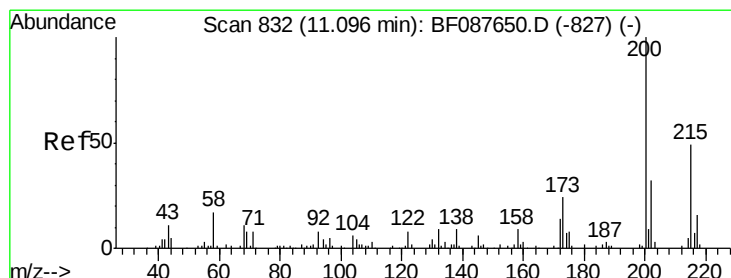
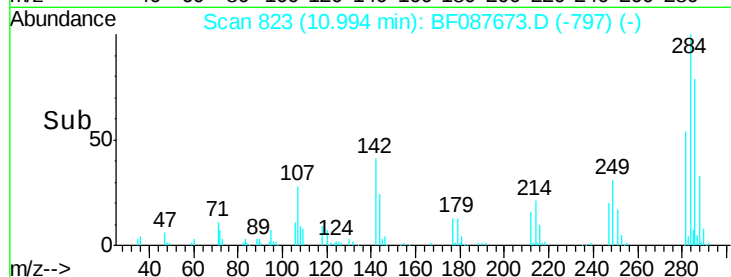
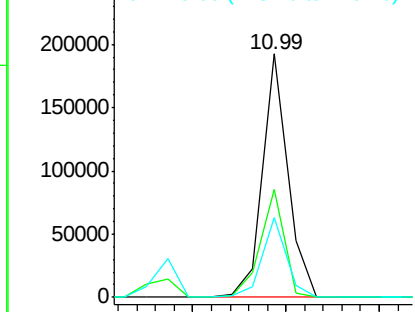
#67
Hexachlorobenzene
Concen: 41.16 ng
RT: 10.99 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Instrument :
BNA_F
ClientSampleId :
PB91074BS

Tgt Ion:284 Resp: 180414
Ion Ratio Lower Upper
284 100
142 44.4 35.8 53.8
249 32.7 25.8 38.6

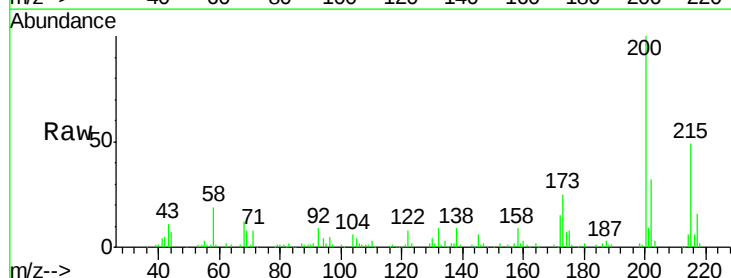


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

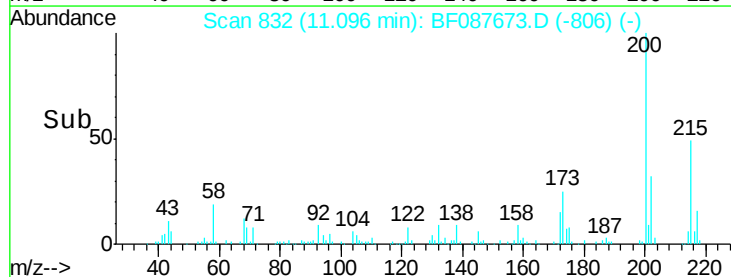
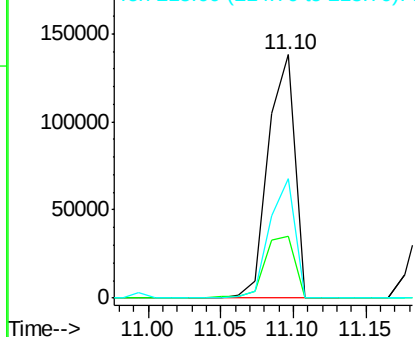


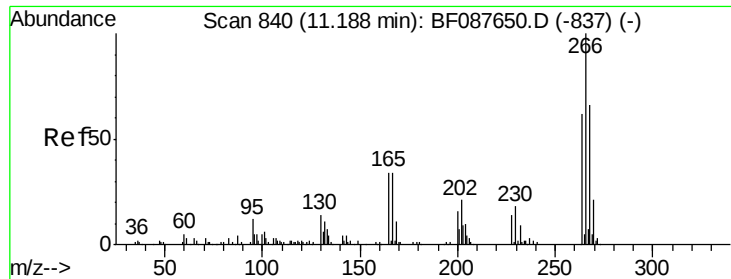
#68
Atrazine
Concen: 45.58 ng
RT: 11.10 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Tgt Ion:200 Resp: 174812
Ion Ratio Lower Upper
200 100
173 25.2 4.0 44.0
215 49.3 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

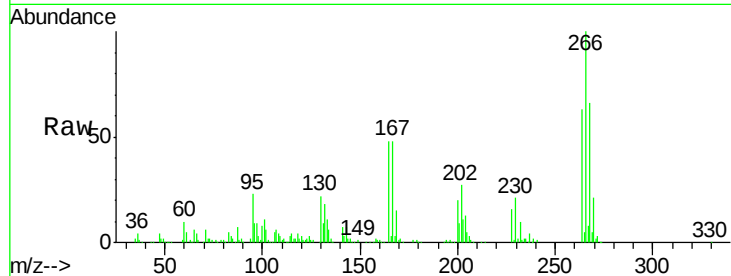




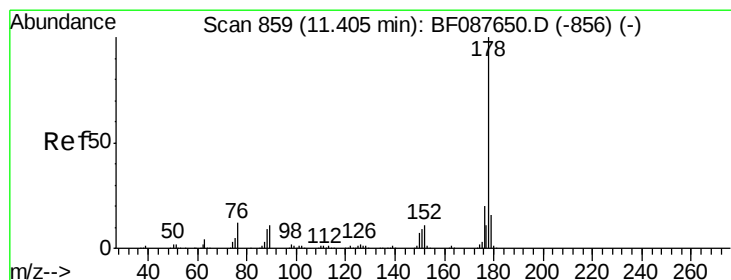
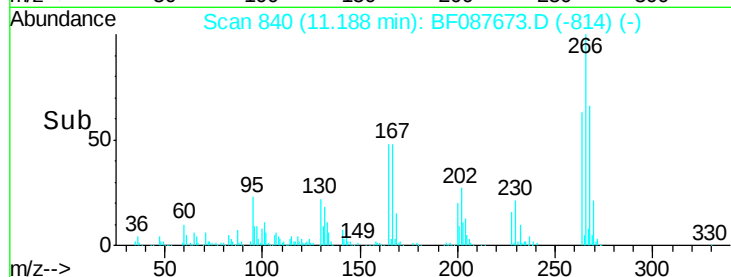
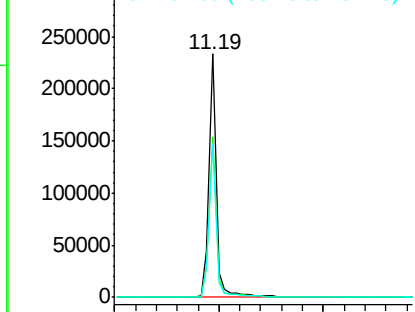
#69
 Pentachlorophenol
 Concen: 88.81 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BS

Tgt Ion:266 Resp: 231278
 Ion Ratio Lower Upper
 266 100
 268 65.9 52.8 79.2
 264 63.2 49.6 74.4

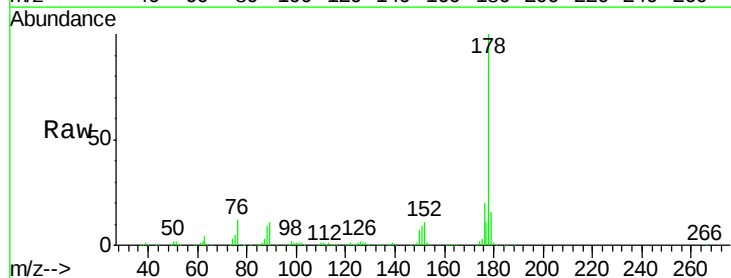


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

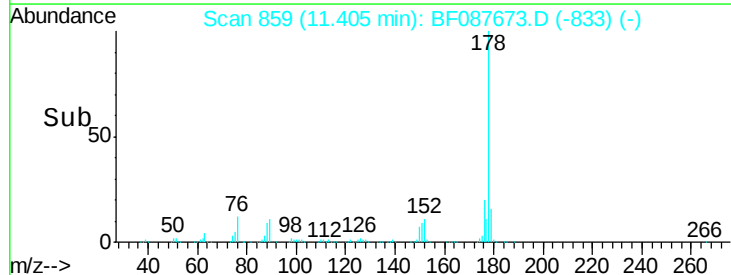
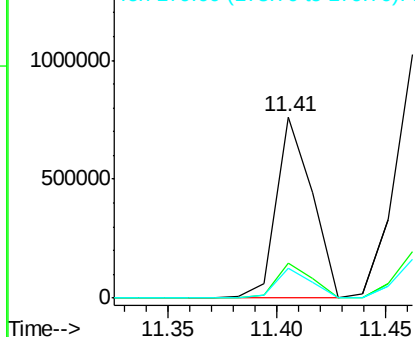


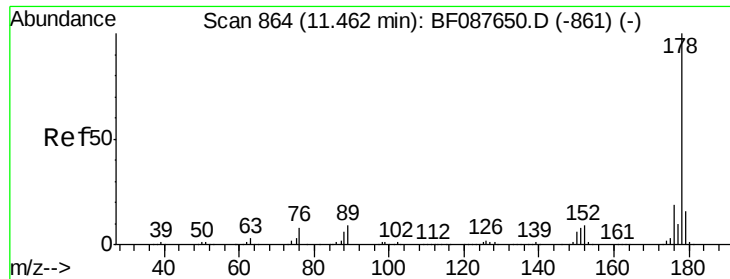
#70
 Phenanthrene
 Concen: 40.95 ng
 RT: 11.41 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Tgt Ion:178 Resp: 877529
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 16.2 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

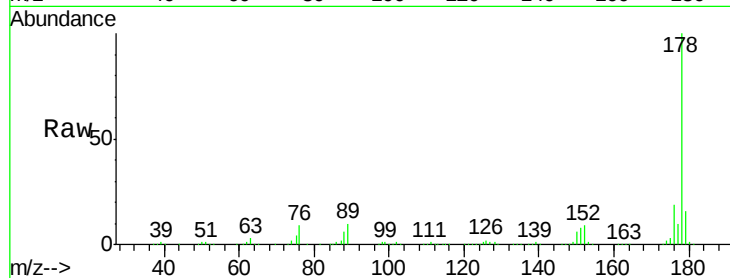




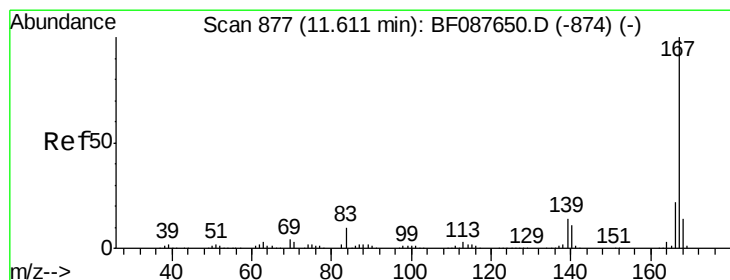
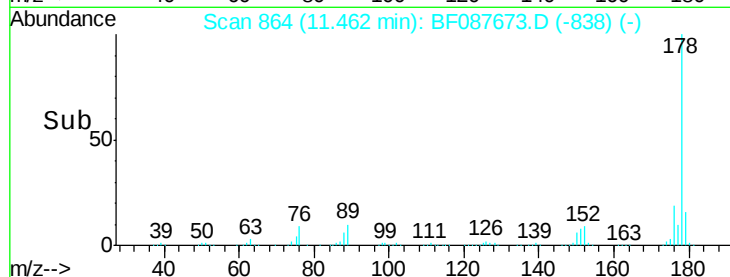
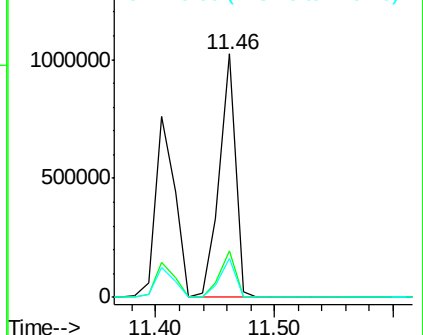
#71
 Anthracene
 Concen: 44.65 ng
 RT: 11.46 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BS

Tgt Ion:178 Resp: 958724
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.9 12.8 19.2

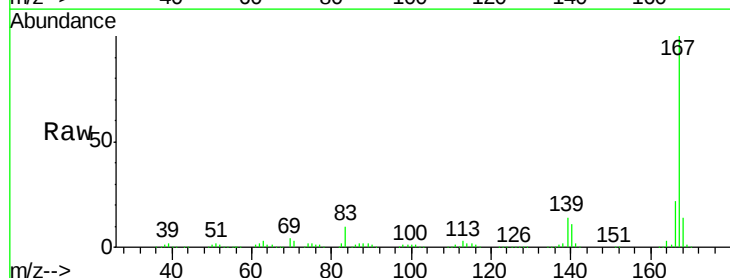


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

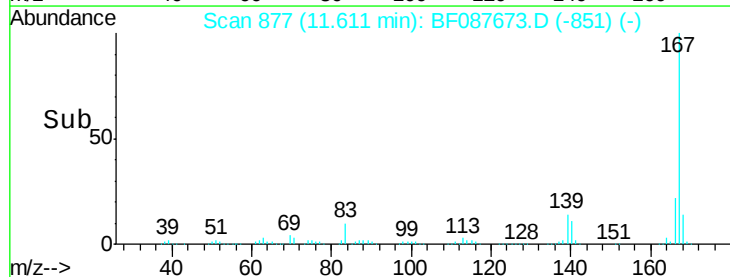
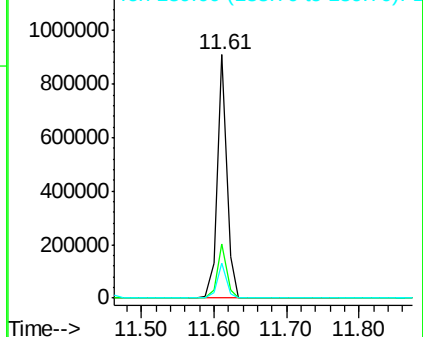


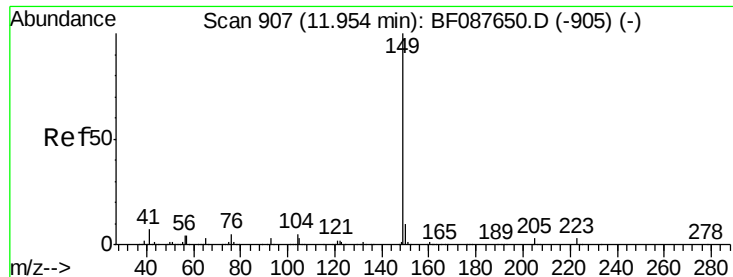
#72
 Carbazole
 Concen: 40.83 ng
 RT: 11.61 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Tgt Ion:167 Resp: 830012
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.6
 139 14.4 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

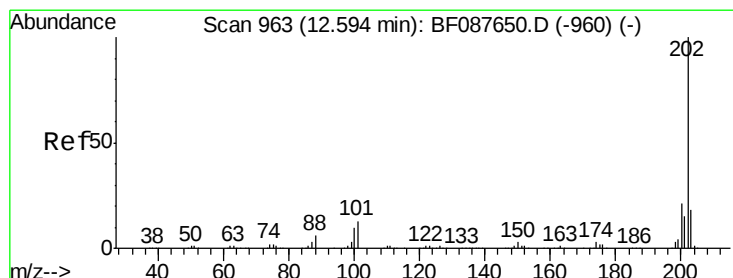
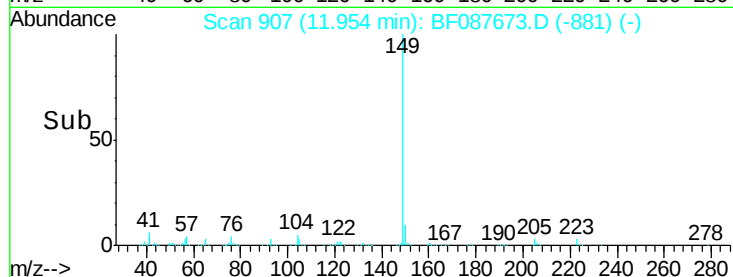
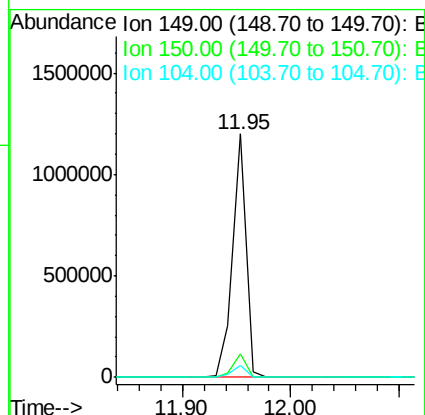
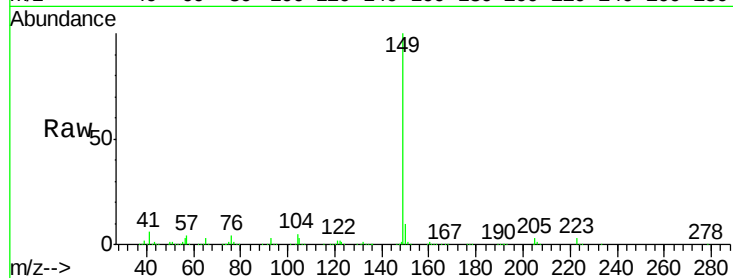




#73
Di-n-butylphthalate
Concen: 46.81 ng
RT: 11.95 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

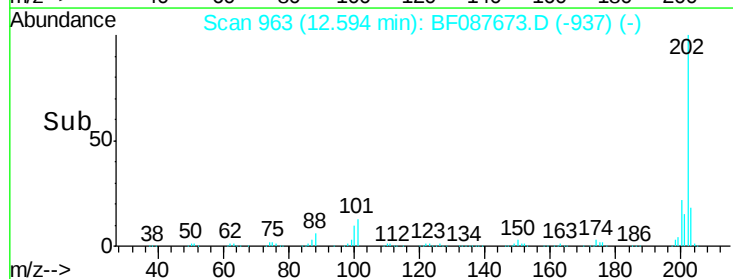
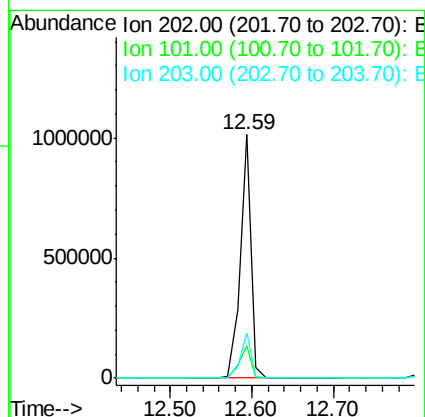
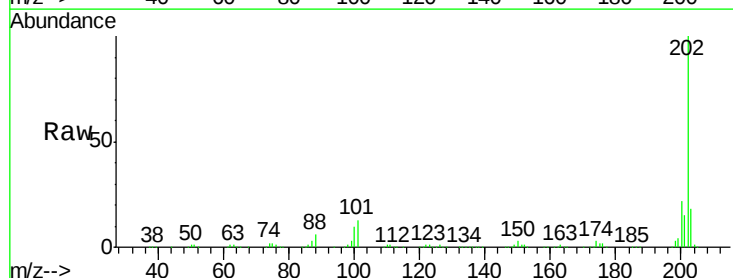
Instrument :
BNA_F
ClientSampleId :
PB91074BS

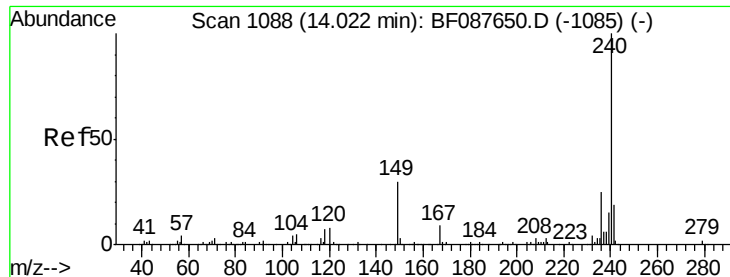
Tgt Ion:149 Resp: 1020183
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 44.10 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Tgt Ion:202 Resp: 930008
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.1
203 18.4 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: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

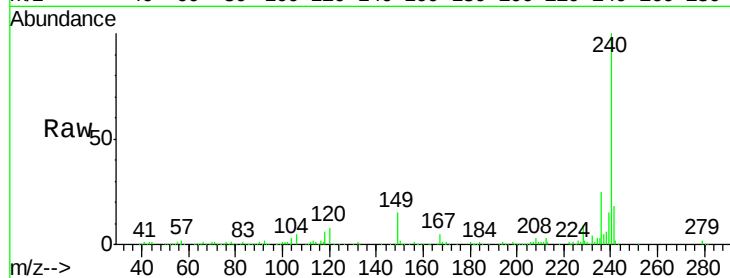
Tgt Ion:240 Resp: 293635

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

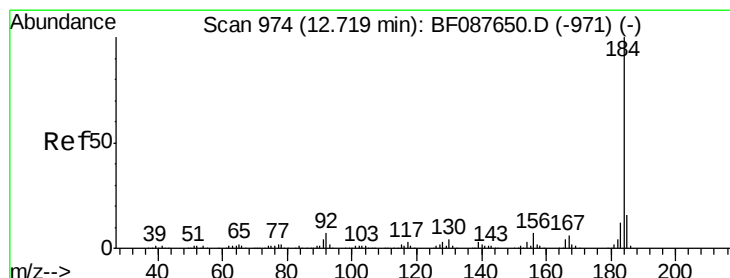
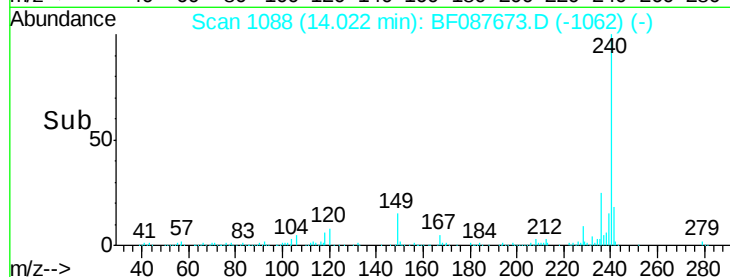
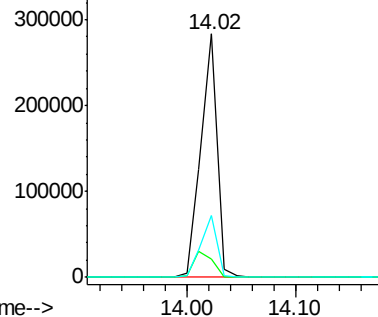
236 25.3 20.2 30.2



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: 22.58 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

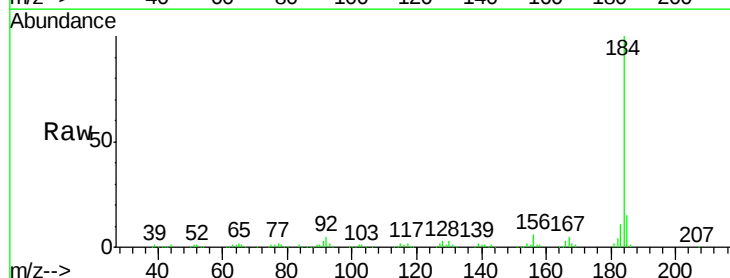
Tgt Ion:184 Resp: 261440

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

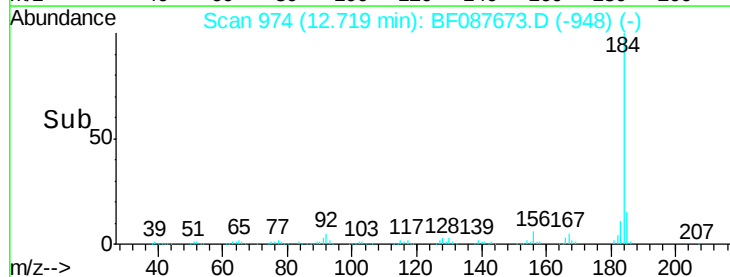
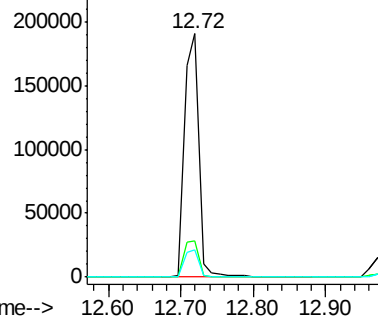
183 11.2 9.3 13.9

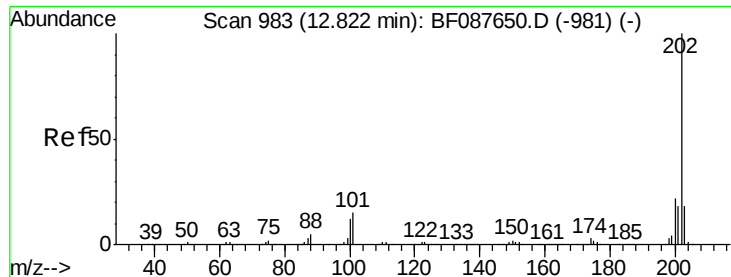


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

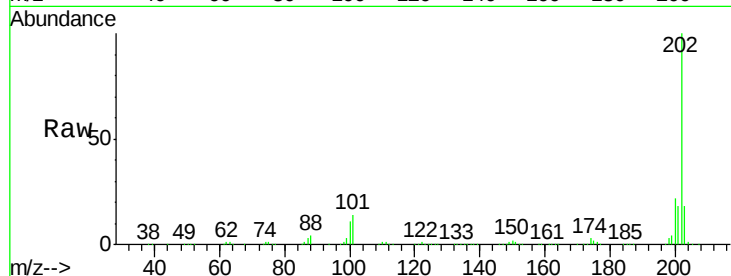




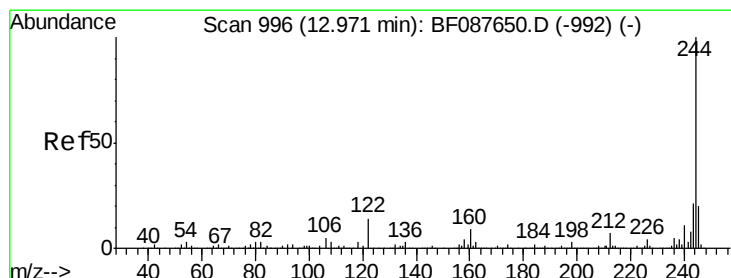
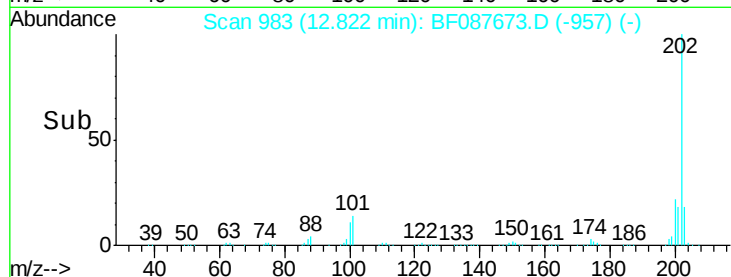
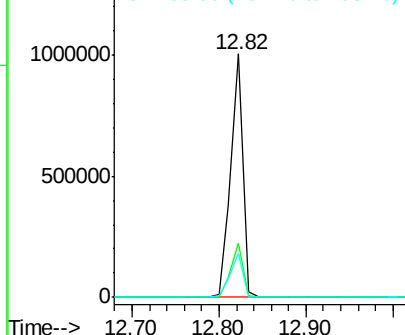
#77
 Pyrene
 Concen: 46.80 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BS

Tgt Ion: 202 Resp: 978625
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.4 26.2
 203 18.1 14.5 21.7

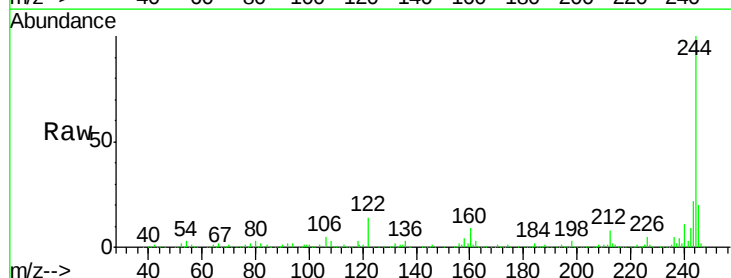


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

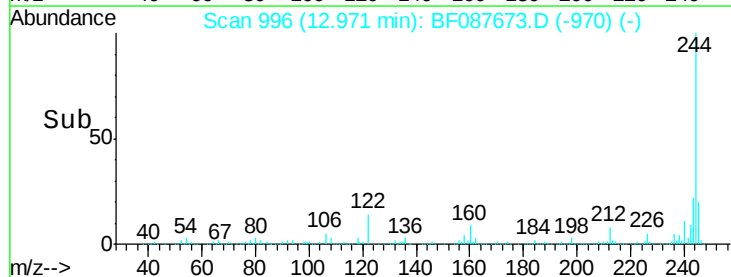
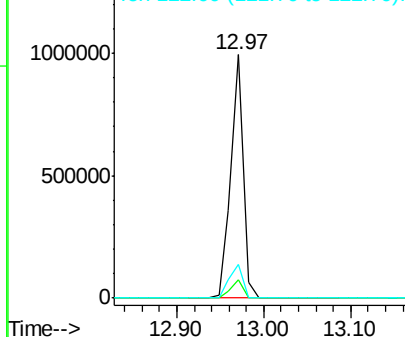


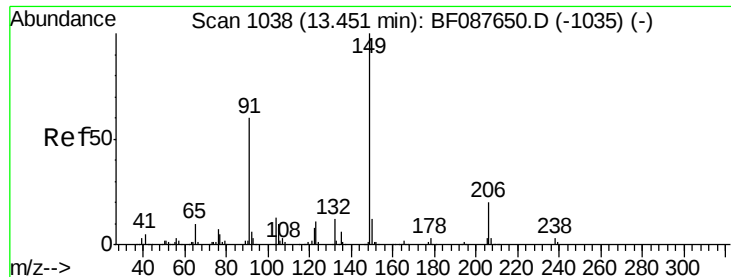
#78
 Terphenyl-d14
 Concen: 82.00 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Tgt Ion: 244 Resp: 986779
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 13.7 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: 50.26 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

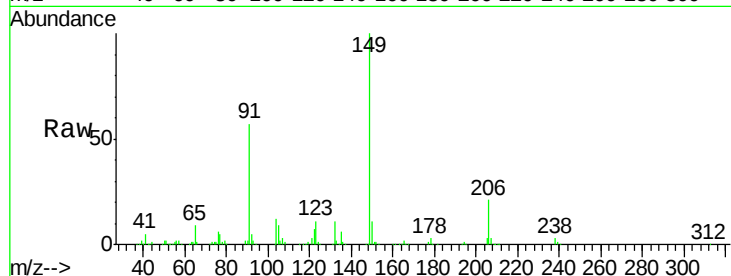
Tgt Ion:149 Resp: 447265

Ion Ratio Lower Upper

149 100

91 57.2 48.0 72.0

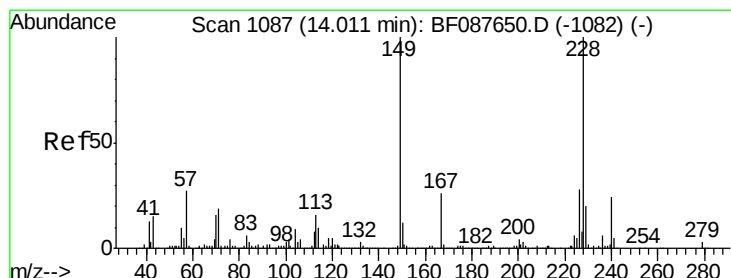
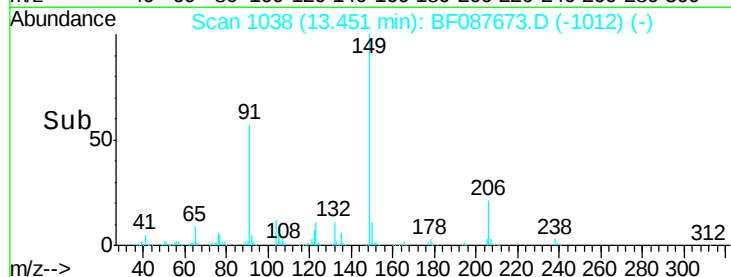
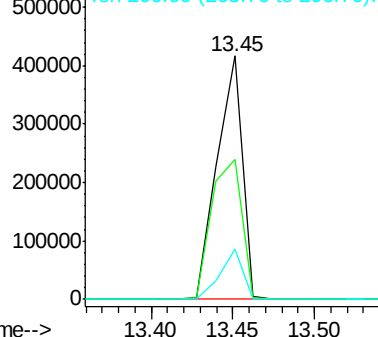
206 20.8 16.0 24.0



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: 43.98 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

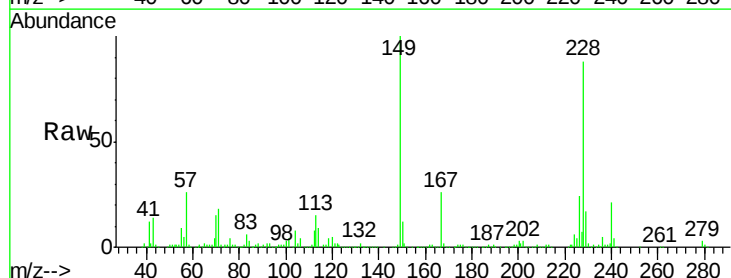
Tgt Ion:228 Resp: 745312

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

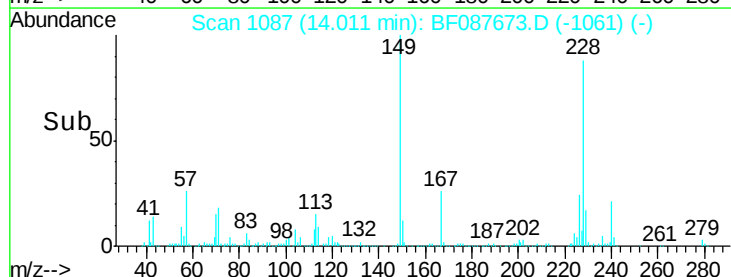
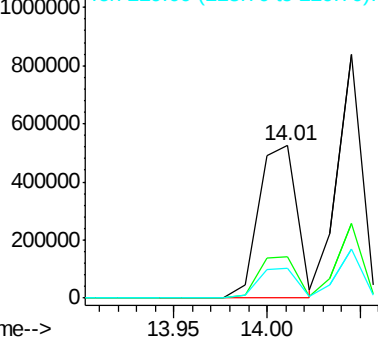
229 19.6 16.0 24.0

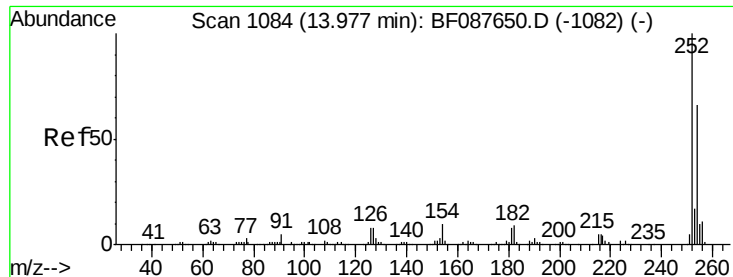


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

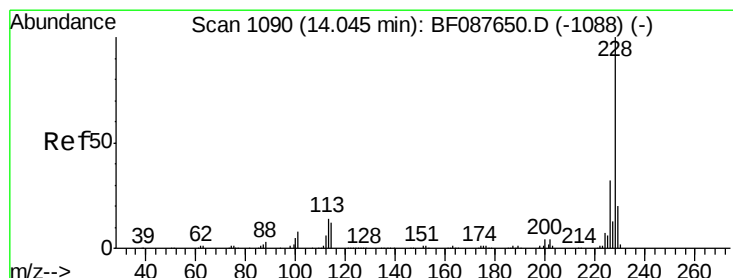
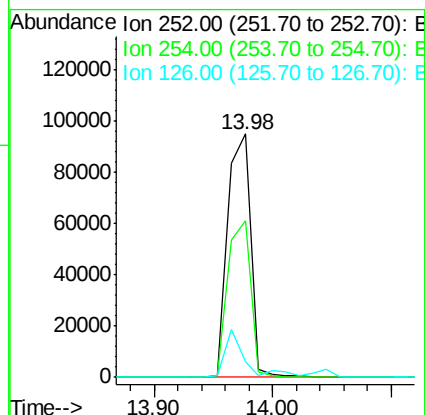
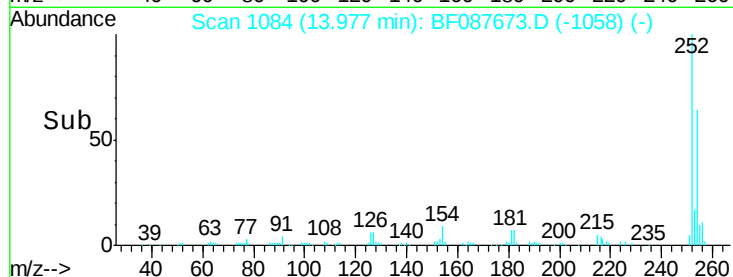
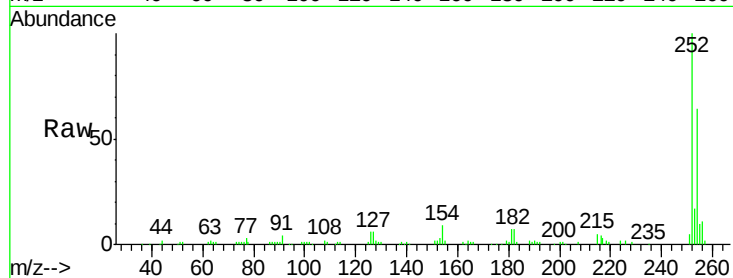




#81
 3,3'-Dichlorobenzidine
 Concen: 26.47 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

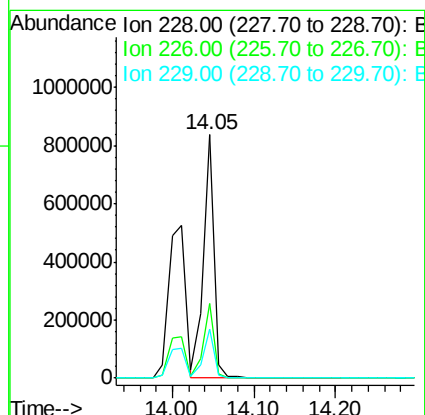
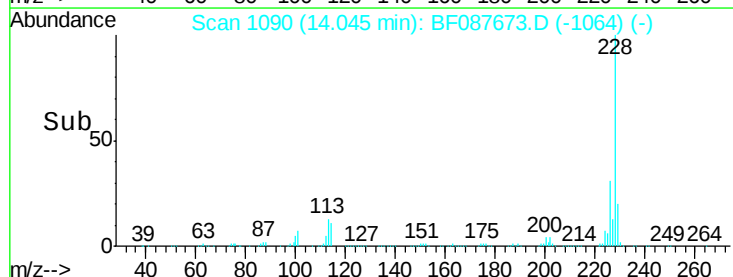
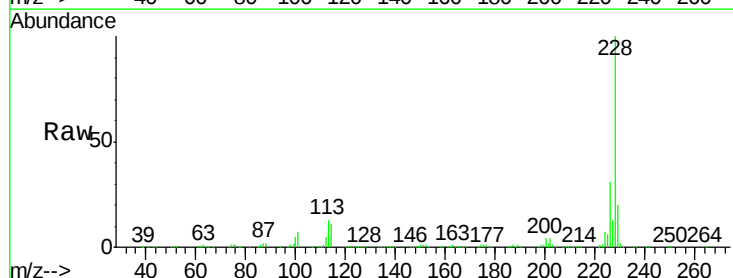
Instrument :
 BNA_F
 ClientSampleId :
 PB91074BS

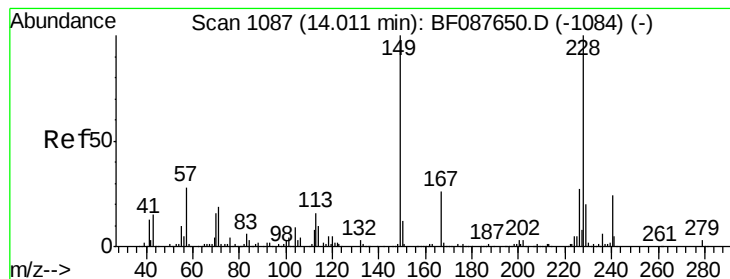
Tgt Ion:252 Resp: 126542
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.6 78.8
 126 6.5 6.2 9.2



#82
 Chrysene
 Concen: 45.72 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Tgt Ion:228 Resp: 771186
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.2
 229 20.1 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.75 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

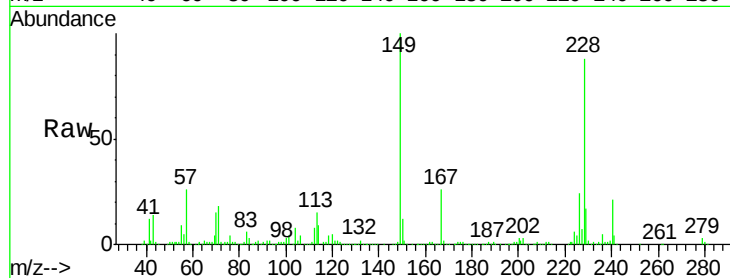
Tgt Ion:149 Resp: 516293

Ion Ratio Lower Upper

149 100

167 26.3 20.5 30.7

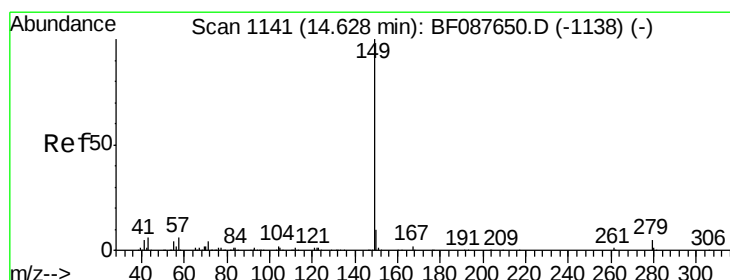
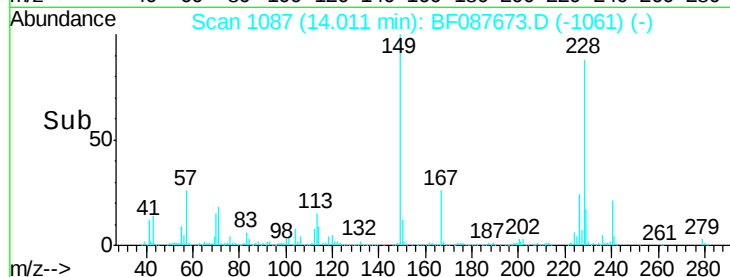
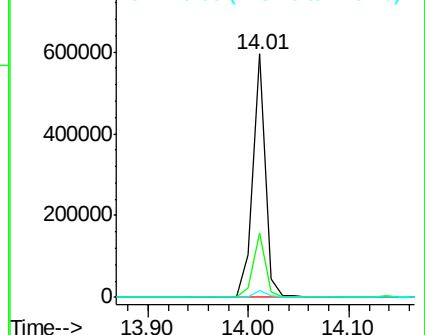
279 2.8 2.0 3.0



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: 46.59 ng

RT: 14.62 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

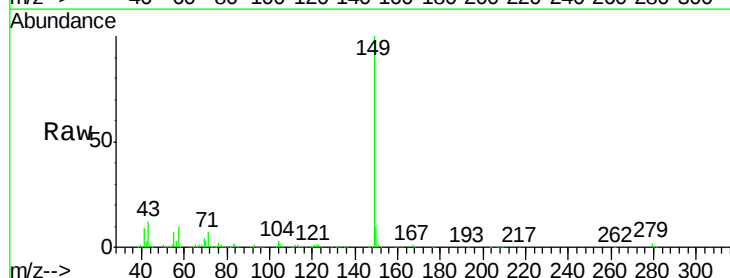
Tgt Ion:149 Resp: 917271

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

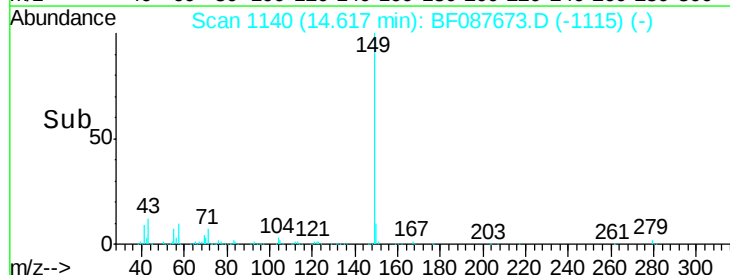
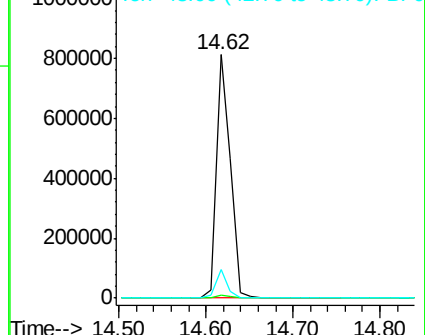
43 9.6 0.0 0.0#

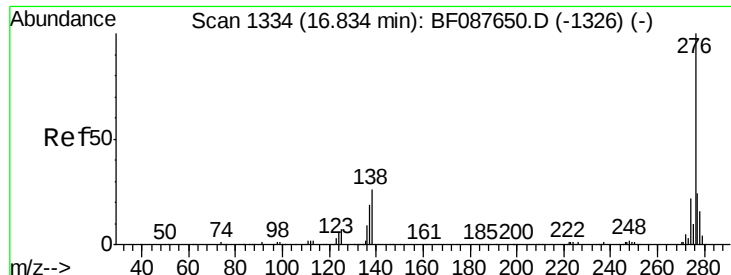


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

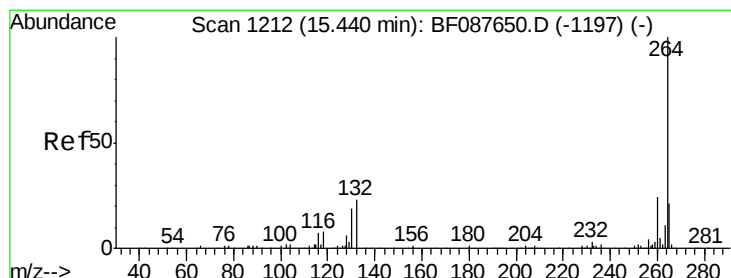
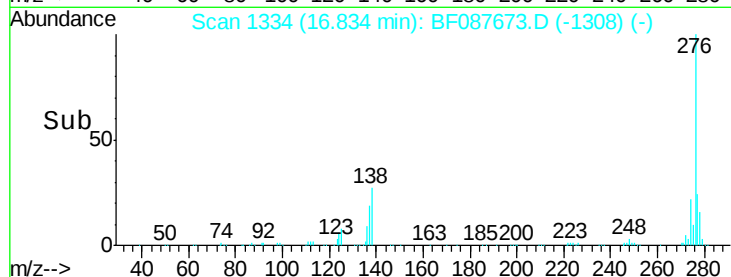
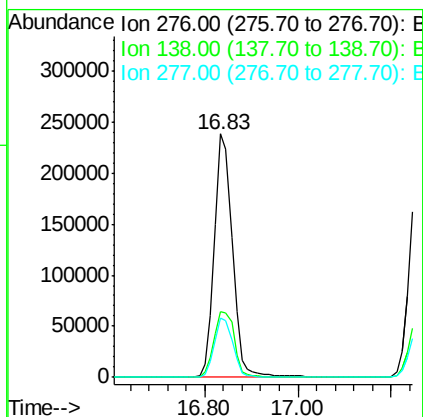
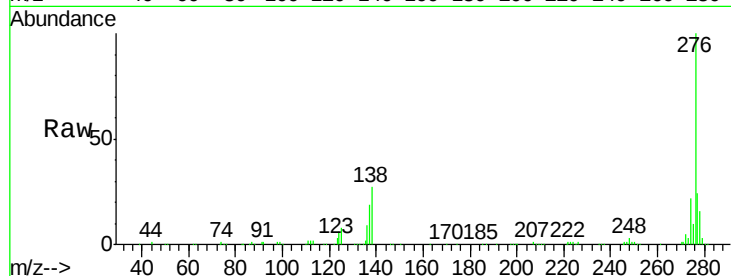




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.33 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

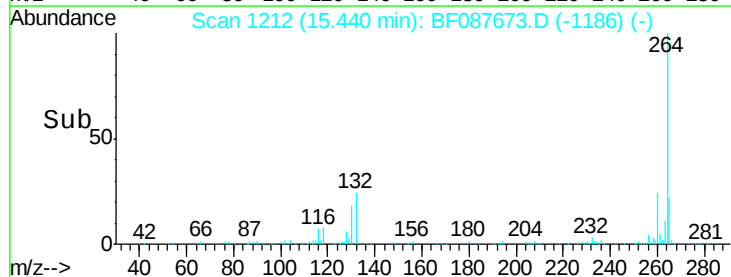
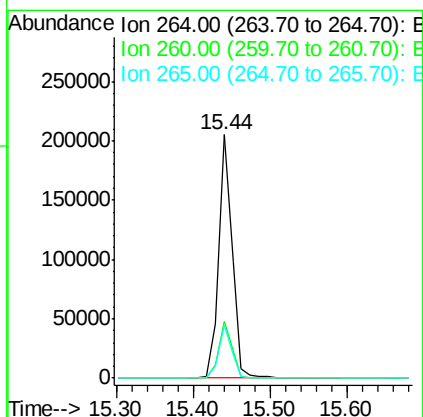
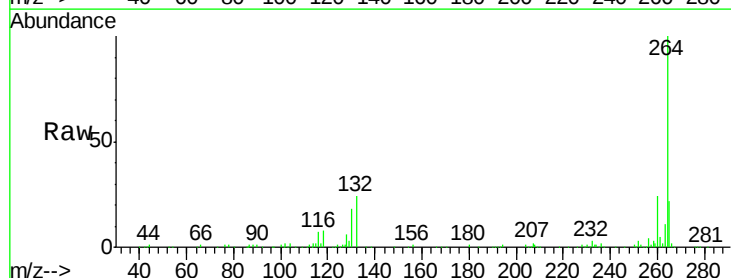
Instrument :
 BNA_F
 ClientSampleId :
 PB91074BS

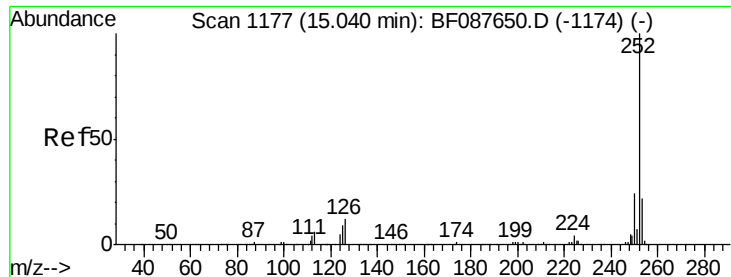
Tgt Ion: 276 Resp: 645891
 Ion Ratio Lower Upper
 276 100
 138 30.0 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Tgt Ion: 264 Resp: 251960
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.6 16.9 25.3

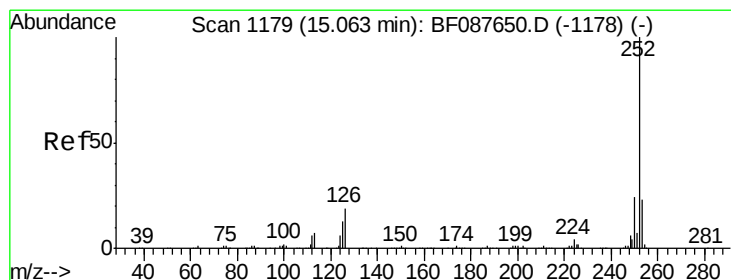
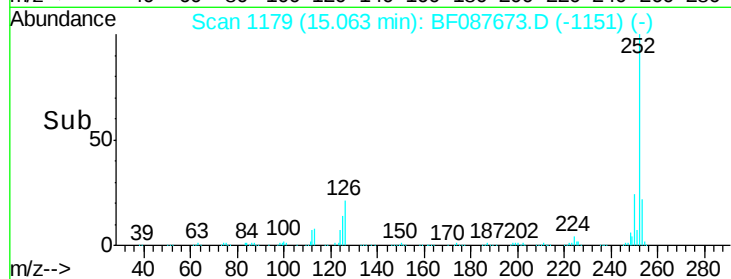
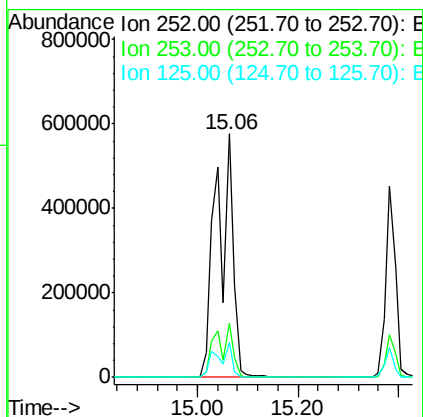
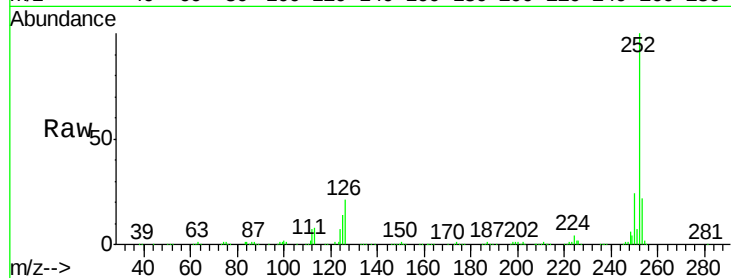




#87
Benzo(b)fluoranthene
Concen: 81.52 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.02 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

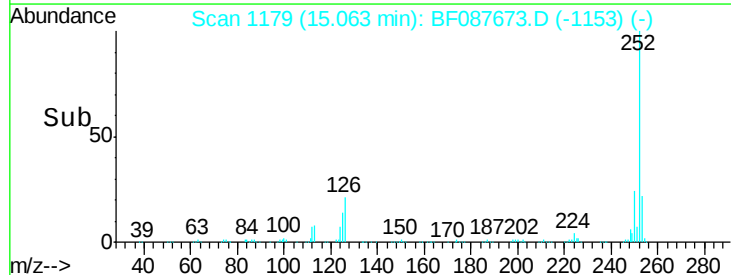
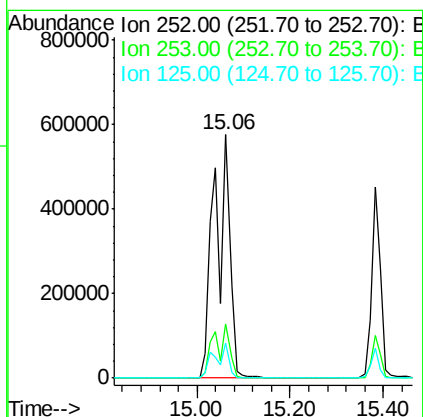
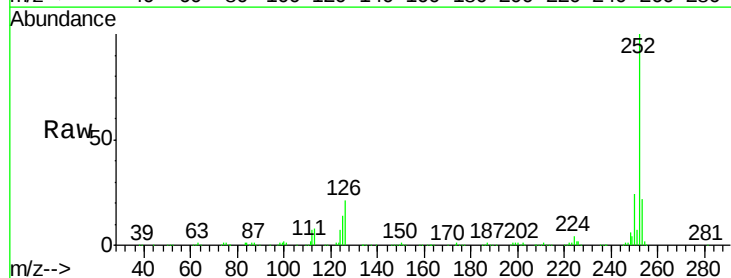
Instrument :
BNA_F
ClientSampleId :
PB91074BS

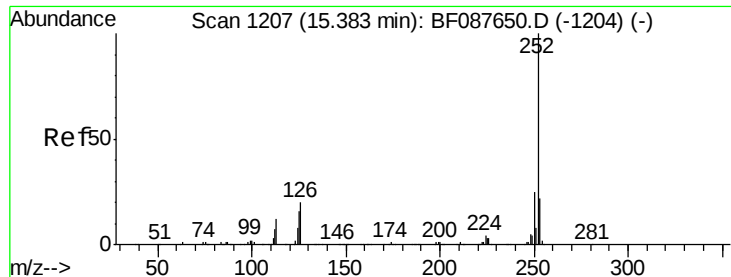
Tgt Ion:252 Resp: 1336151
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 14.3 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 98.03 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087673.D
Acq: 4 Jun 2016 18:46

Tgt Ion:252 Resp: 1336785
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 14.3 11.2 16.8





#89

Benzo(a)pyrene

Concen: 44.94 ng

RT: 15.38 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

Instrument :

BNA_F

ClientSampleId :

PB91074BS

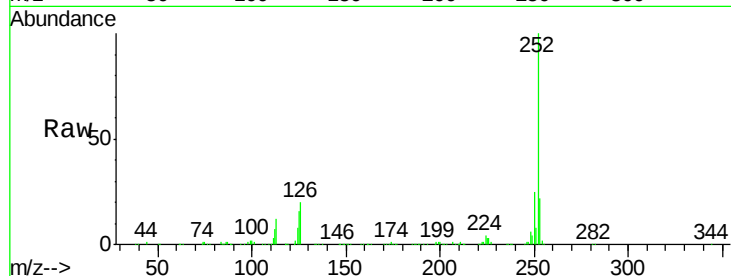
Tgt Ion:252 Resp: 619238

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

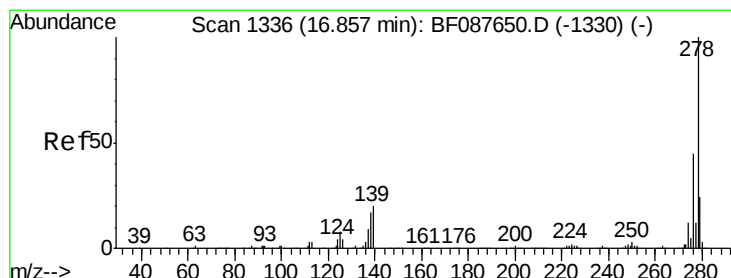
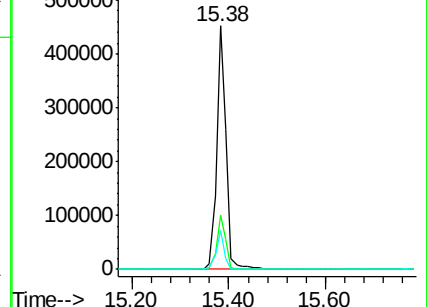
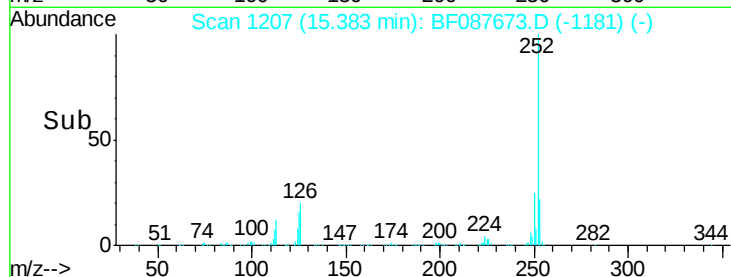
125 15.8 12.5 18.7



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



#90

Dibenzo(a,h)anthracene

Concen: 45.72 ng

RT: 16.86 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF087673.D

Acq: 4 Jun 2016 18:46

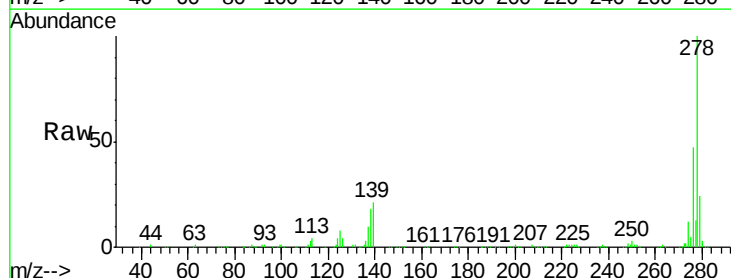
Tgt Ion:278 Resp: 536072

Ion Ratio Lower Upper

278 100

139 20.8 15.7 23.5

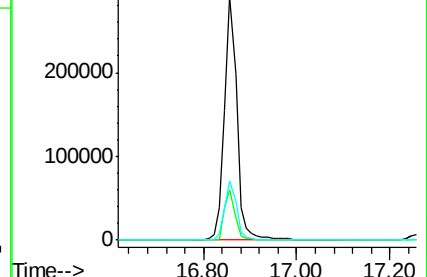
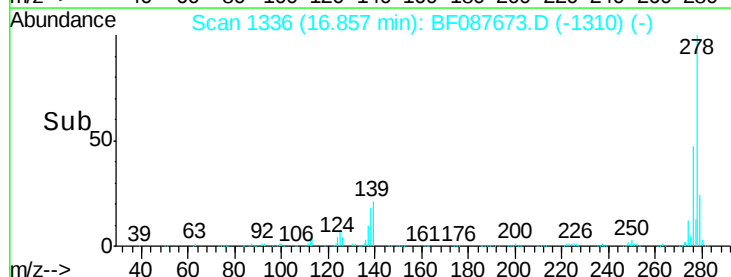
279 24.2 19.4 29.2

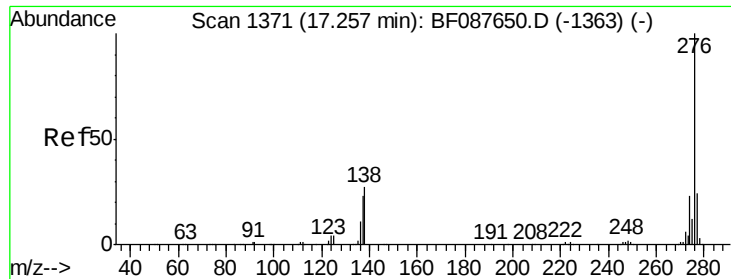


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 45.67 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF087673.D
 Acq: 4 Jun 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB91074BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	27.2	21.4	32.2

