

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087720.D
 Acq On : 5 Jun 2016 21:22
 Operator : UM/SJ
 Sample : H3379-04MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Quant Time: Jun 06 03:11:09 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	117579	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	486308	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	231825	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	416375	20.00	ng	0.00
75) Chrysene-d12	14.02	240	296256	20.00	ng	0.00
86) Perylene-d12	15.44	264	243310	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1007884	138.55	ng	0.02
7) Phenol-d6	6.50	99	1213494	133.01	ng	0.01
23) Nitrobenzene-d5	7.43	82	718139	85.44	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	305521	131.29	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1295427	86.15	ng	0.00
78) Terphenyl-d14	12.97	244	1012395	83.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	126138	35.87	ng	# 32
3) Pyridine	3.27	79	379803	40.89	ng	98
4) n-Nitrosodimethylamine	3.22	42	170565	43.46	ng	96
6) Aniline	6.52	93	364813	28.21	ng	99
8) 2-Chlorophenol	6.65	128	410431	49.03	ng	87
9) Benzaldehyde	6.40	77	26342	4.27	ng	88
10) Phenol	6.51	94	544011	52.37	ng	90
11) bis(2-Chloroethyl)ether	6.60	93	382220	50.64	ng	87
12) 1,3-Dichlorobenzene	6.80	146	376955	42.06	ng	99
13) 1,4-Dichlorobenzene	6.88	146	408572	45.43	ng	98
14) 1,2-Dichlorobenzene	6.88	146	408572	48.46	ng	96
15) Benzyl Alcohol	7.00	79	293602	43.56	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	486229	44.17	ng	97
17) 2-Methylphenol	7.12	107	310875	46.25	ng	99
18) Hexachloroethane	7.37	117	141356	44.95	ng	# 82
19) n-Nitroso-di-n-propylamine	7.29	70	267830	47.01	ng	# 85
20) 3+4-Methylphenols	7.28	107	394245	47.87	ng	# 77
22) Acetophenone	7.28	105	485395	44.07	ng	# 91
24) Nitrobenzene	7.45	77	433304	51.51	ng	97
25) Isophorone	7.69	82	714348	46.68	ng	99
26) 2-Nitrophenol	7.76	139	199402	51.01	ng	97
27) 2,4-Dimethylphenol	7.80	122	365511	45.12	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	456058	46.98	ng	# 96
29) 2,4-Dichlorophenol	8.00	162	323743	48.66	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	324827	46.62	ng	99
31) Naphthalene	8.17	128	1104097	46.70	ng	100
32) Benzoic acid	7.88	122	45498	9.31	ng	92
33) 4-Chloroaniline	8.22	127	237538	23.13	ng	97
34) Hexachlorobutadiene	8.30	225	167580	46.26	ng	98
35) Caprolactam	8.59	113	69494	31.80	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	359798	52.28	ng	94
37) 2-Methylnaphthalene	8.87	142	718705	46.03	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	278076	43.52	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	285791	76.05	ng	99

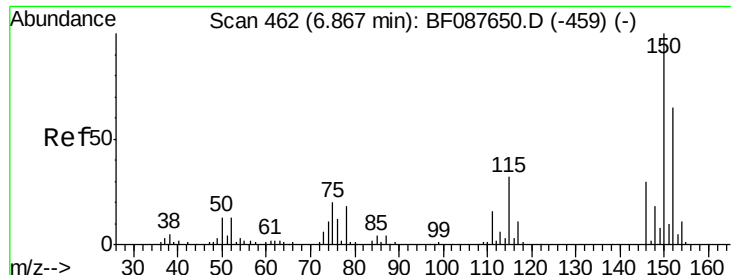
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	258016	53.47	ng	100
43) 2,4,5-Trichlorophenol	9.19	196	214369	47.74	ng	97
45) 1,1'-Biphenyl	9.32	154	787352	41.85	ng	99
46) 2-Chloronaphthalene	9.35	162	643589	42.97	ng	100
47) 2-Nitroaniline	9.45	65	220995	52.41	ng	# 58
48) Acenaphthylene	9.77	152	1140751	48.84	ng	99
49) Dimethylphthalate	9.63	163	858241	50.92	ng	99
50) 2,6-Dinitrotoluene	9.69	165	180472	47.06	ng	# 71
51) Acenaphthene	9.94	154	702052	46.72	ng	100
52) 3-Nitroaniline	9.85	138	138053	31.48	ng	99
53) 2,4-Dinitrophenol	9.95	184	86018	50.91	ng	# 88
54) Dibenzofuran	10.11	168	1000864	48.92	ng	96
55) 4-Nitrophenol	10.02	139	335253	89.44	ng	87
56) 2,4-Dinitrotoluene	10.09	165	228247	46.74	ng	# 65
57) Fluorene	10.46	166	727702	45.50	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	188657	48.77	ng	# 54
59) Diethylphthalate	10.33	149	708457	41.86	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	283836	46.92	ng	98
61) 4-Nitroaniline	10.48	138	200864	47.64	ng	88
62) Azobenzene	10.60	77	801986	47.07	ng	99
64) 4,6-Dinitro-2-methylphenol	10.50	198	106266	46.00	ng	# 51
65) n-Nitrosodiphenylamine	10.57	169	678089	49.72	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	208636	50.53	ng	97
67) Hexachlorobenzene	10.99	284	203961	44.18	ng	98
68) Atrazine	11.10	200	209040	51.75	ng	94
69) Pentachlorophenol	11.19	266	214023	78.02	ng	99
70) Phenanthrene	11.42	178	1036536	45.91	ng	99
71) Anthracene	11.46	178	981544	43.39	ng	100
72) Carbazole	11.61	167	992396	46.34	ng	99
73) Di-n-butylphthalate	11.95	149	1145026	49.88	ng	100
74) Fluoranthene	12.59	202	982384	44.22	ng	99
76) Benzidine	12.72	184	197095	16.87	ng	98
77) Pyrene	12.82	202	998691	47.34	ng	100
79) Butylbenzylphthalate	13.45	149	506008	56.36	ng	96
80) Benzo(a)anthracene	14.01	228	735897	43.04	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	179344	37.18	ng	100
82) Chrysene	14.05	228	740449	43.51	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	580380	54.32	ng	# 98
84) Di-n-octyl phthalate	14.62	149	965348	48.60	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.85	276	723163	51.41	ng	# 100
87) Benzo(b)fluoranthene	15.06	252	1367012	86.37	ng	# 95
88) Benzo(k)fluoranthene	15.06	252	1367953	103.88	ng	100
89) Benzo(a)pyrene	15.38	252	654109	49.16	ng	99
90) Dibenzo(a,h)anthracene	16.86	278	594550	52.51	ng	99
91) Benzo(g,h,i)perylene	17.27	276	601742	52.68	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

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SB-2MSD

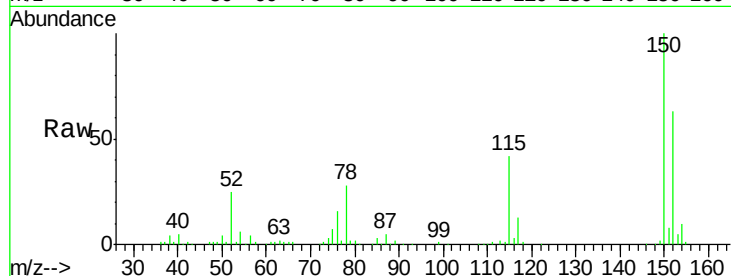
Tgt Ion:152 Resp: 117579

Ion Ratio Lower Upper

152 100

150 159.2 123.8 185.6

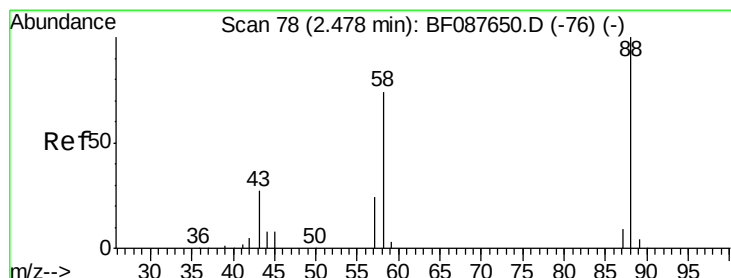
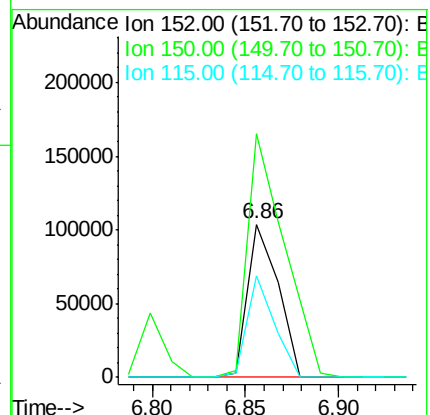
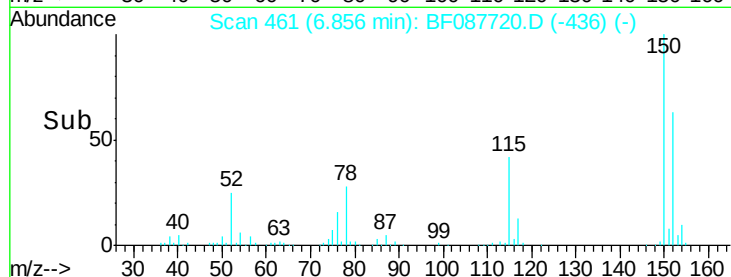
115 66.6 39.6 59.4#



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: 35.87 ng

RT: 2.55 min Scan# 84

Delta R.T. 0.07 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

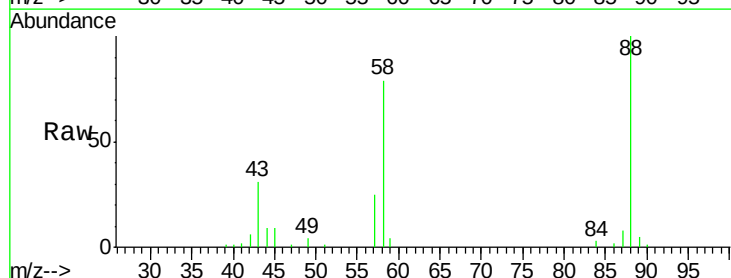
Tgt Ion: 88 Resp: 126138

Ion Ratio Lower Upper

88 100

58 73.9 0.0 0.0#

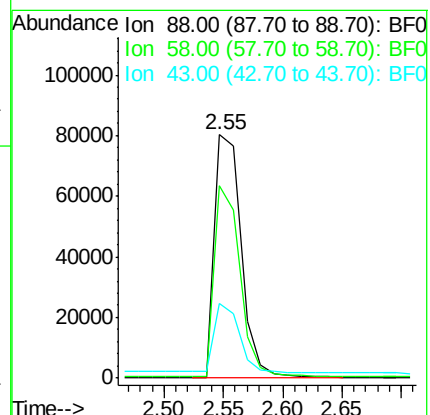
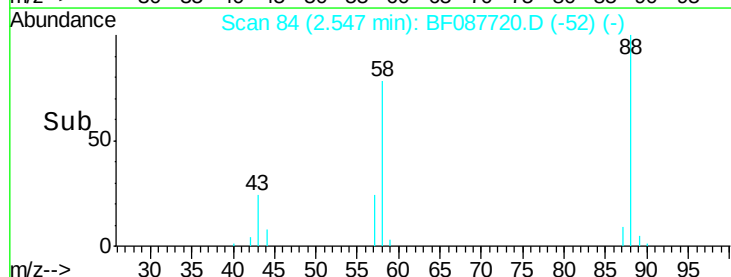
43 26.5 3.4 5.2#

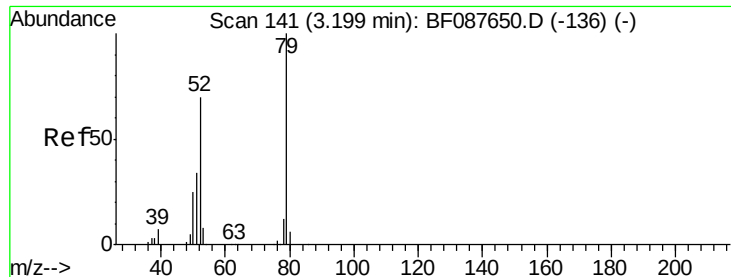


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.89 ng

RT: 3.27 min Scan# 147

Delta R.T. 0.07 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

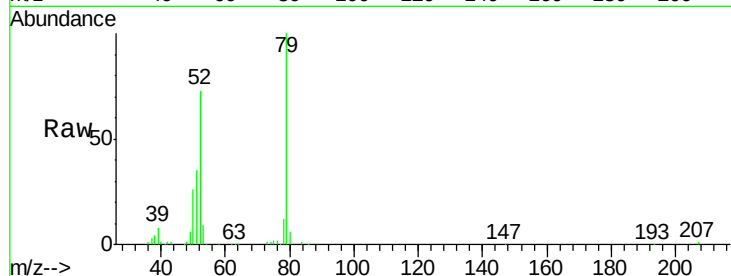
Tgt Ion: 79 Resp: 379803

Ion Ratio Lower Upper

79 100

52 72.7 56.3 84.5

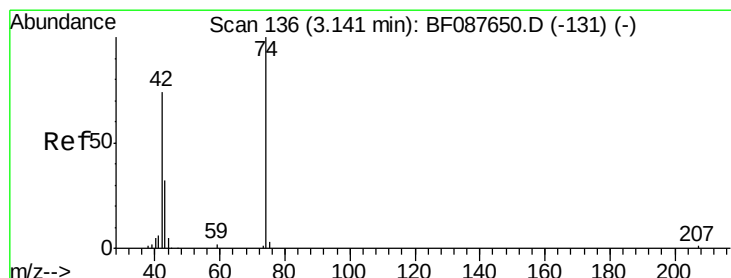
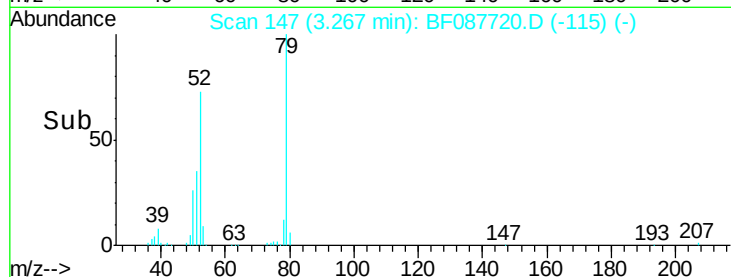
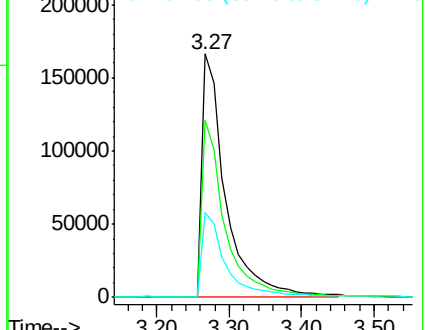
51 35.0 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.46 ng

RT: 3.22 min Scan# 143

Delta R.T. 0.08 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

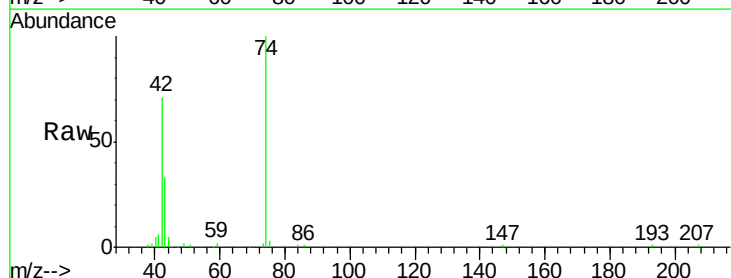
Tgt Ion: 42 Resp: 170565

Ion Ratio Lower Upper

42 100

74 140.3 108.6 163.0

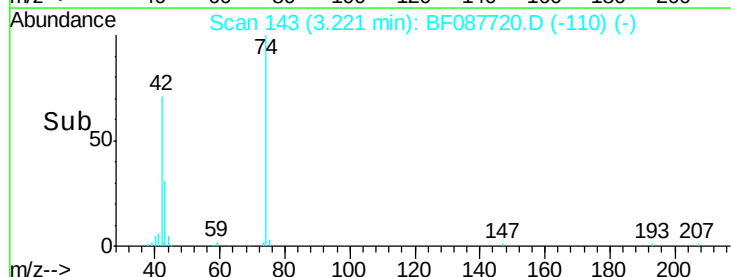
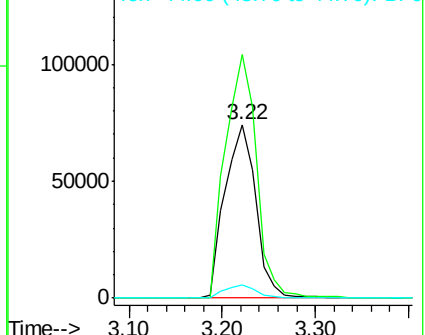
44 7.3 5.5 8.3

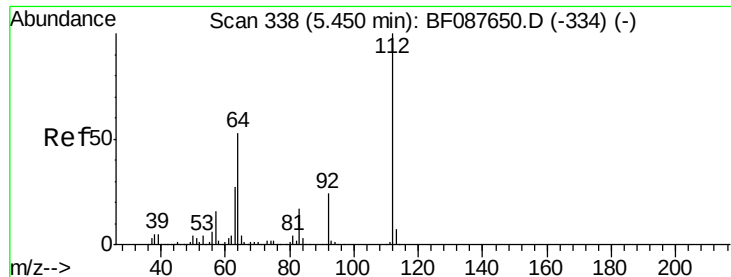


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 138.55 ng

RT: 5.47 min Scan# 340

Delta R.T. 0.02 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

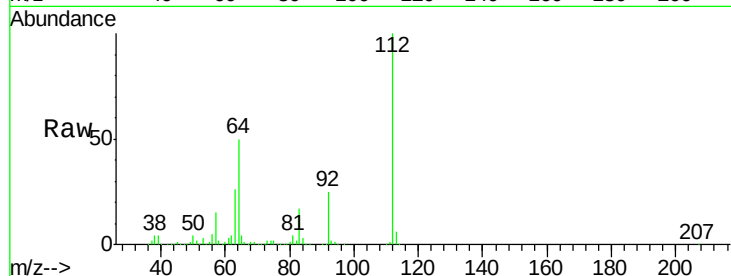
Tgt Ion: 112 Resp: 1007884

Ion Ratio Lower Upper

112 100

64 50.0 42.2 63.2

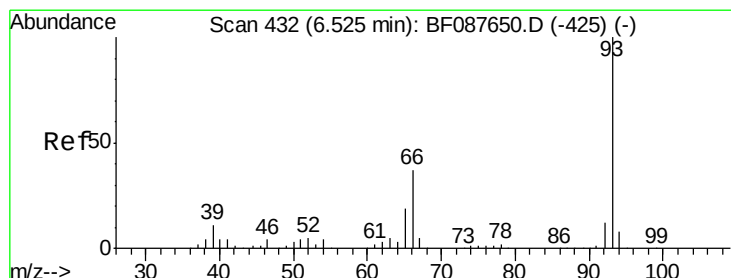
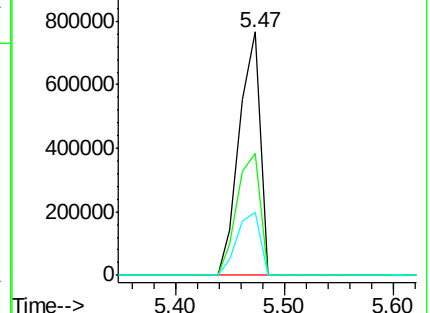
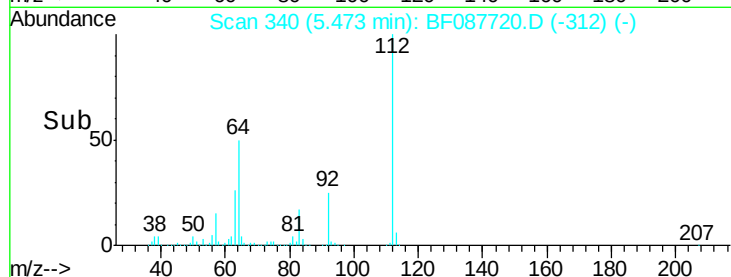
63 26.1 21.8 32.8



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: 28.21 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

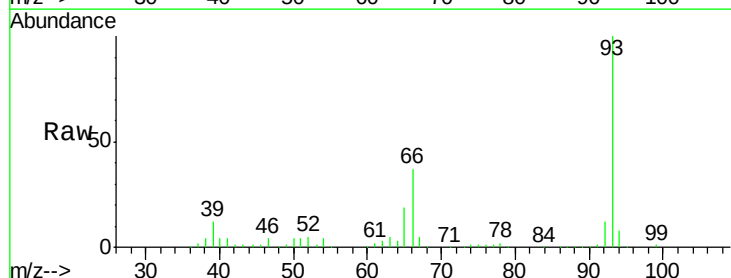
Tgt Ion: 93 Resp: 364813

Ion Ratio Lower Upper

93 100

66 37.4 29.8 44.8

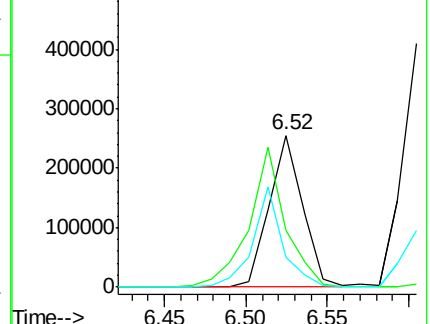
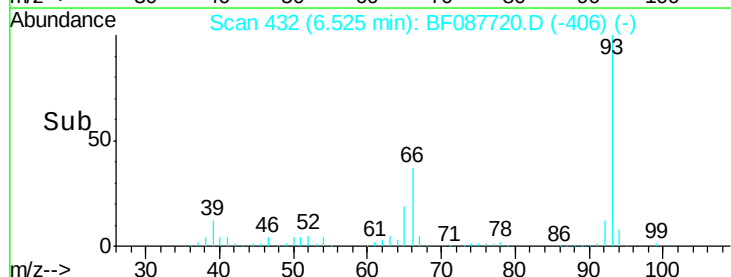
65 19.4 14.9 22.3

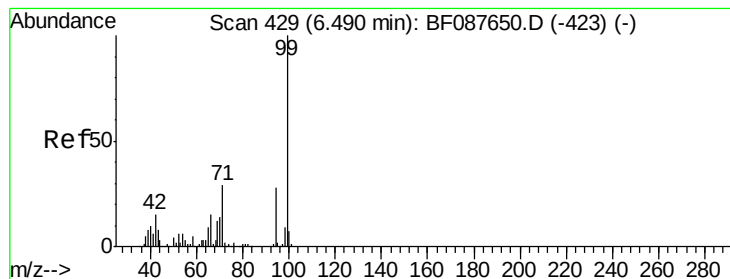


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.01 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF087720.D

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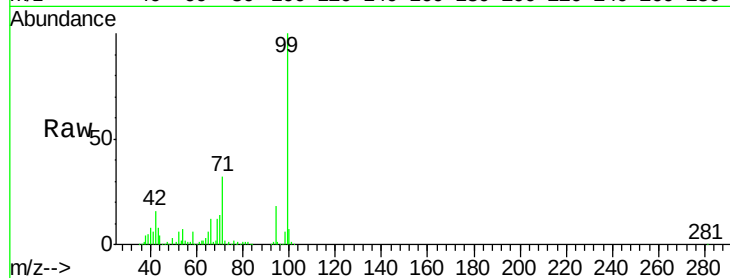
Tgt Ion: 99 Resp: 1213494

Ion Ratio Lower Upper

99 100

42 16.3 12.2 18.2

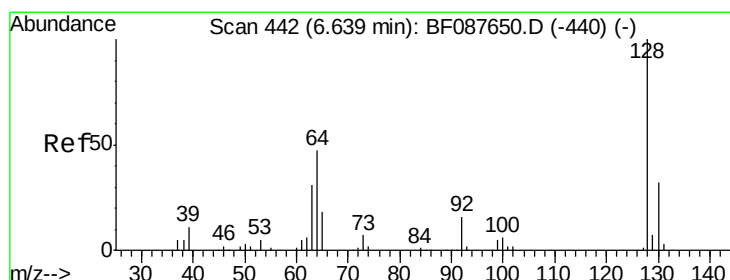
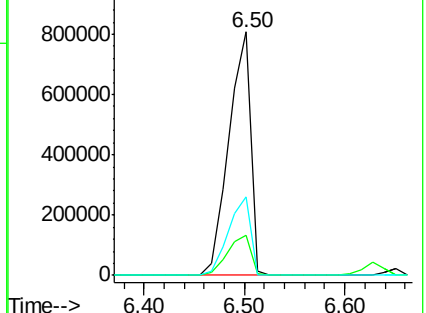
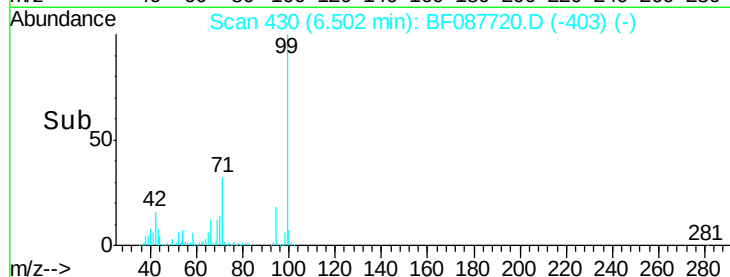
71 32.4 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.03 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

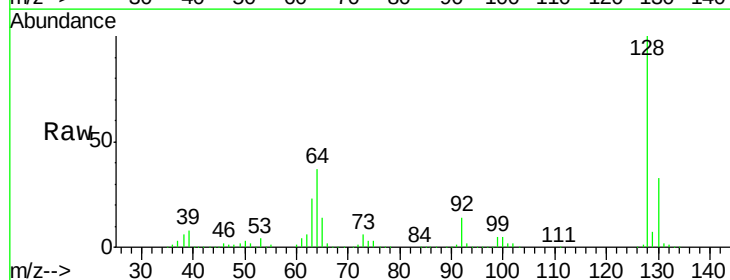
Tgt Ion: 128 Resp: 410431

Ion Ratio Lower Upper

128 100

130 33.4 12.0 52.0

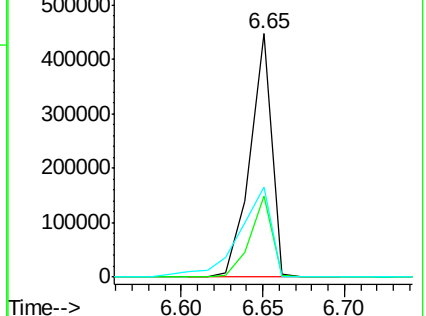
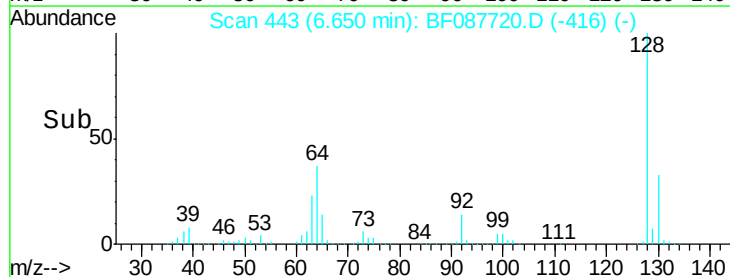
64 37.0 30.8 70.8

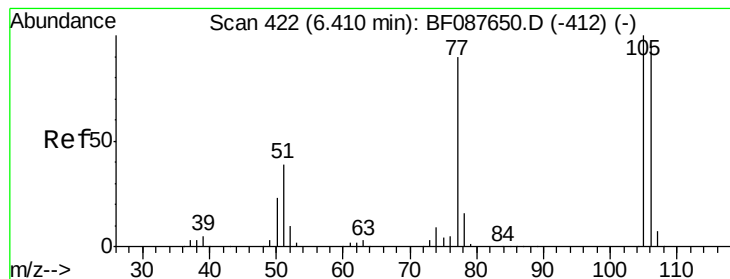


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.27 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

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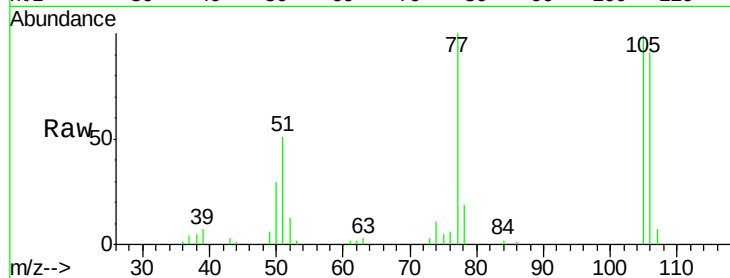
Tgt Ion: 77 Resp: 26342

Ion Ratio Lower Upper

77 100

105 99.4 90.6 130.6

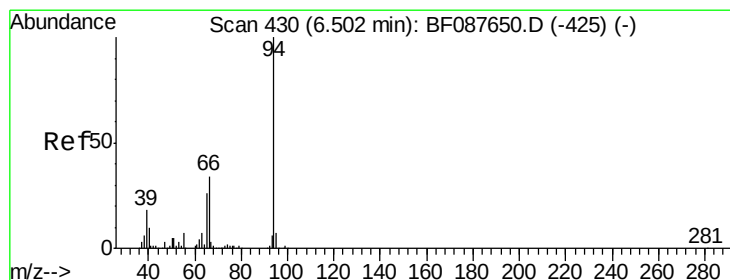
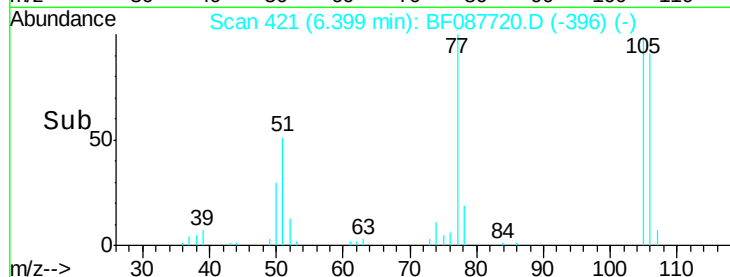
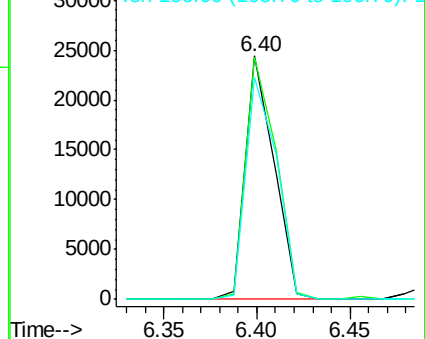
106 91.1 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 52.37 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

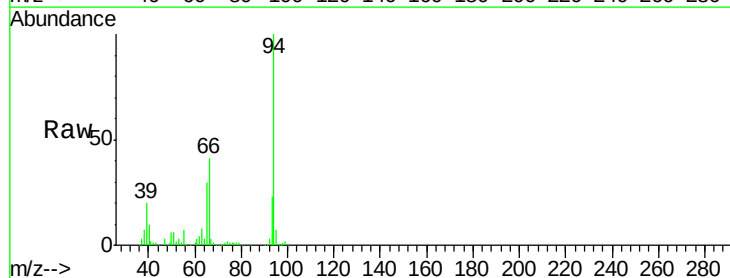
Tgt Ion: 94 Resp: 544011

Ion Ratio Lower Upper

94 100

65 29.6 5.9 45.9

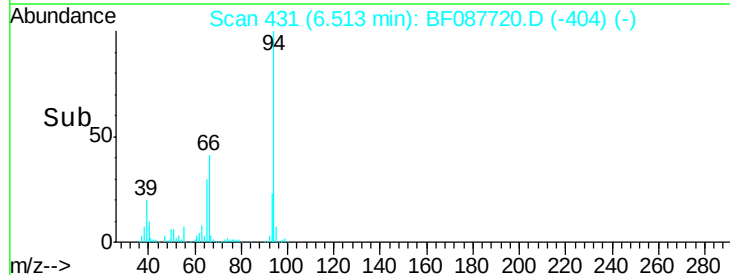
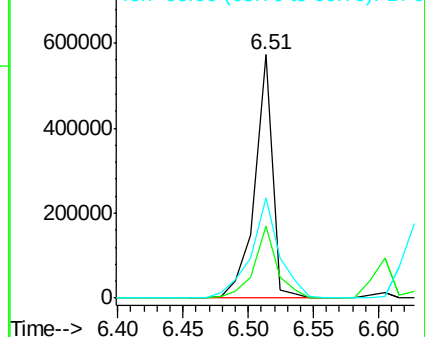
66 41.0 14.0 54.0

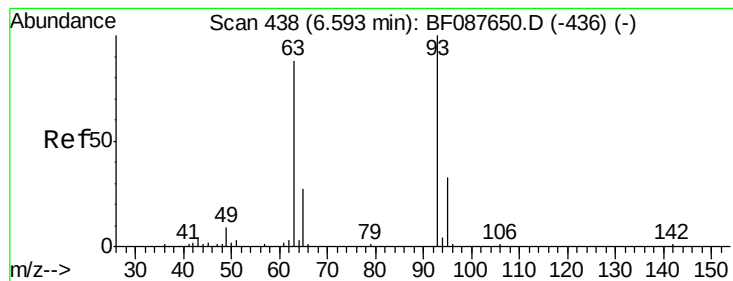


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

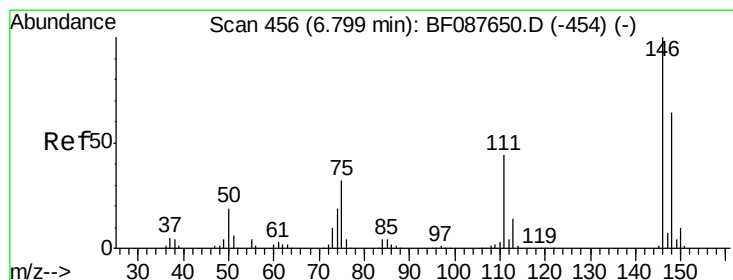
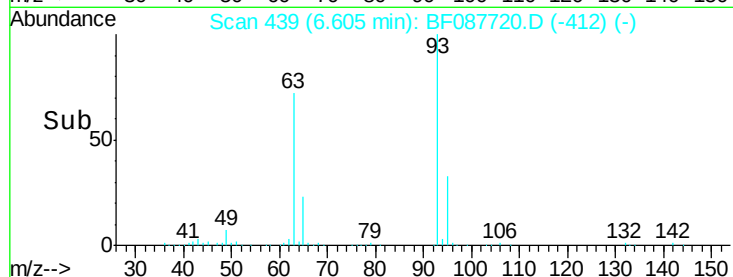
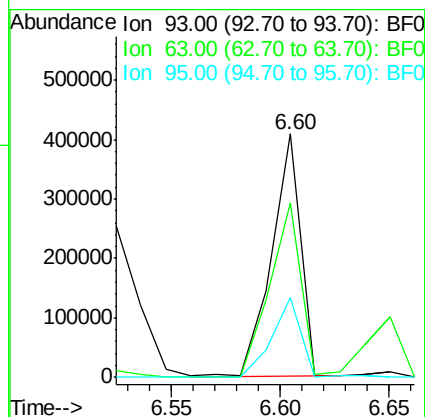
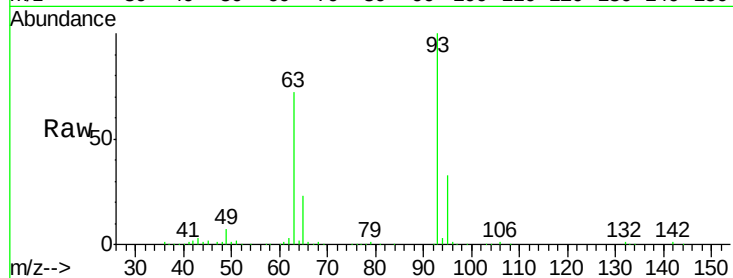




#11
 bis(2-Chloroethyl)ether
 Concen: 50.64 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

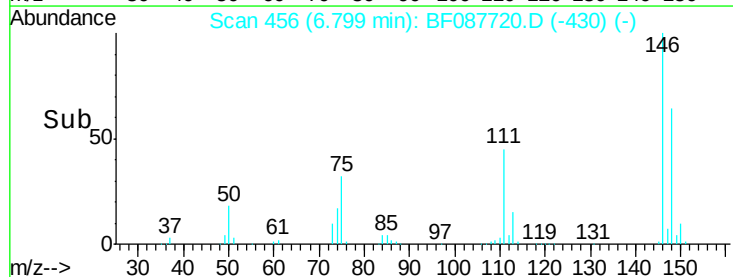
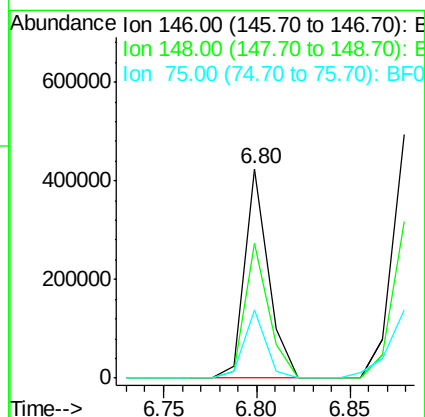
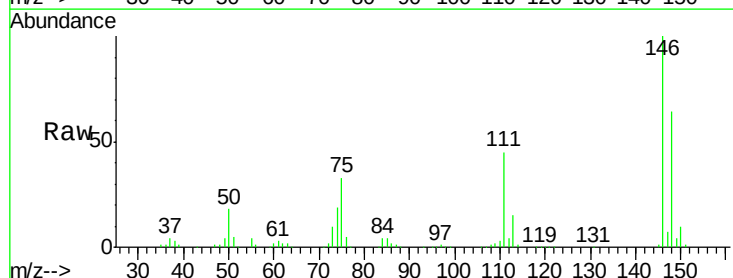
Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

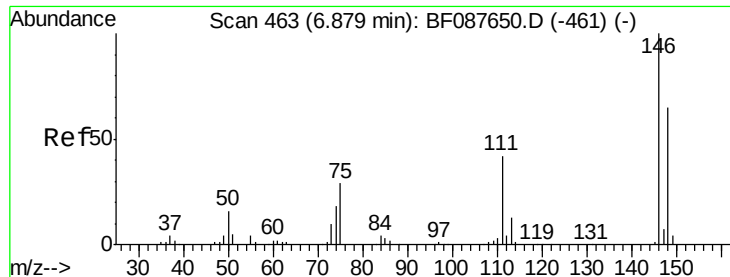
Tgt Ion: 93 Resp: 382220
 Ion Ratio Lower Upper
 93 100
 63 71.7 67.6 107.6
 95 32.9 12.5 52.5



#12
 1,3-Dichlorobenzene
 Concen: 42.06 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion: 146 Resp: 376955
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.9 76.3
 75 32.5 25.6 38.4

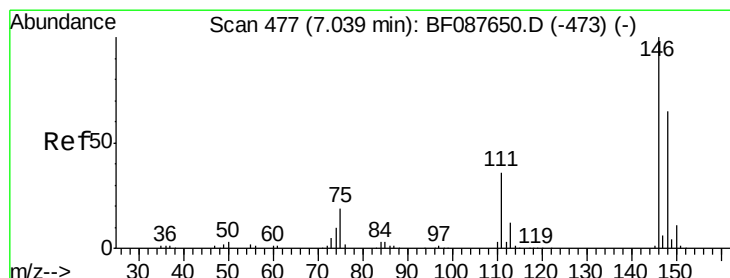
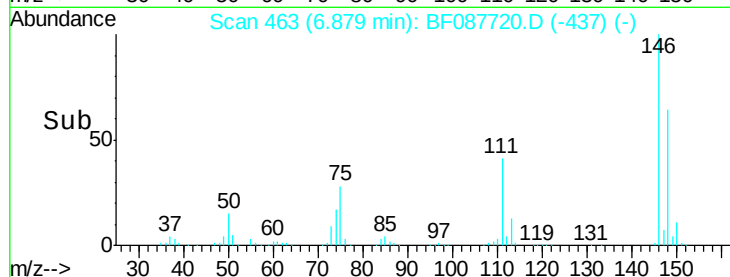
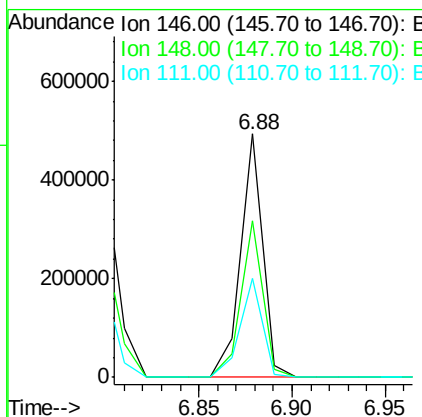
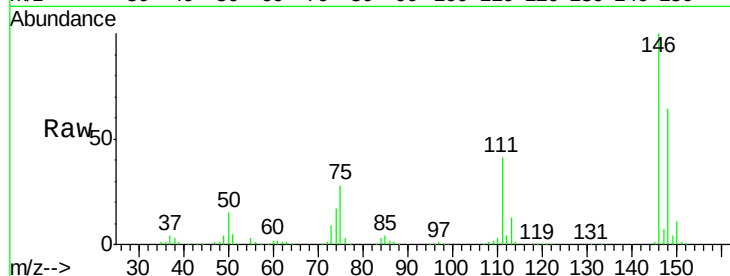




#13
 1,4-Dichlorobenzene
 Concen: 45.43 ng
 RT: 6.88 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

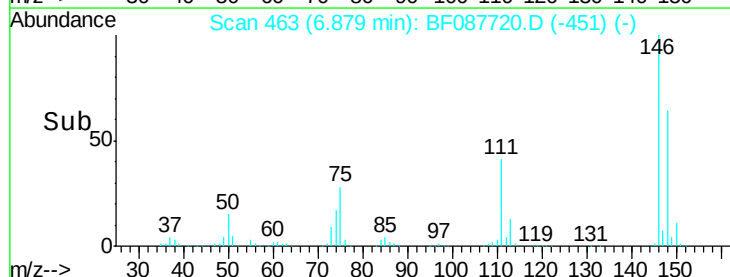
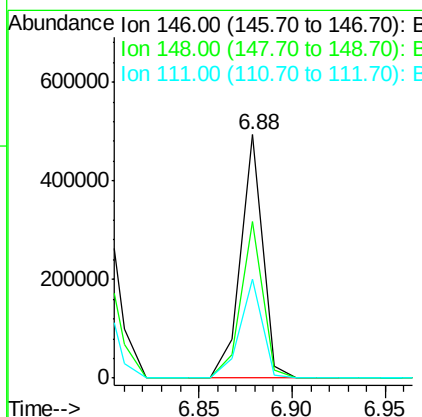
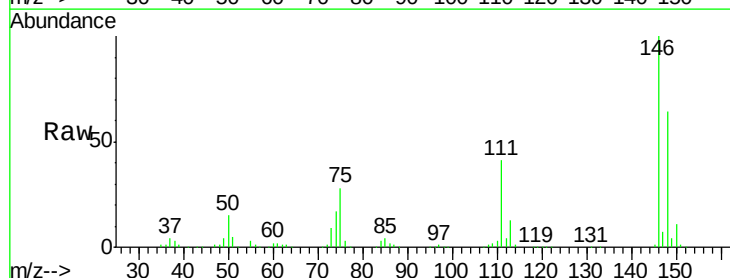
Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

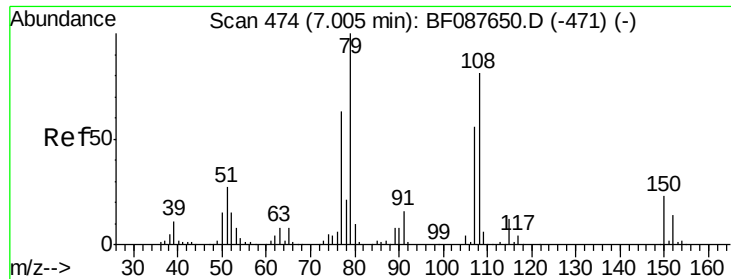
Tgt Ion:146 Resp: 408572
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.0 78.0
 111 40.9 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 48.46 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.16 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion:146 Resp: 408572
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.3 78.5
 111 40.9 28.7 43.1





#15

Benzyl Alcohol

Concen: 43.56 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

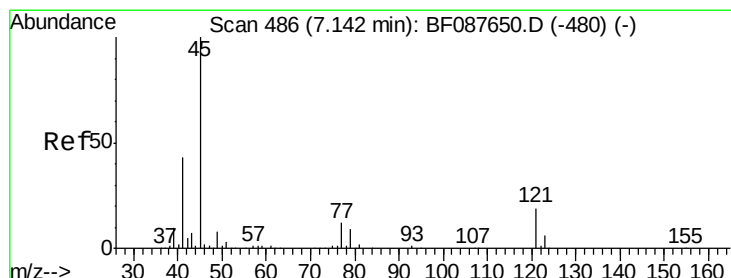
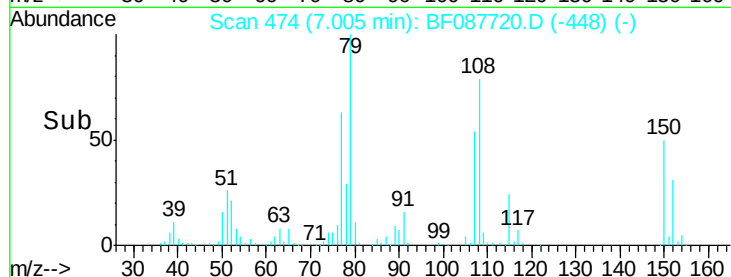
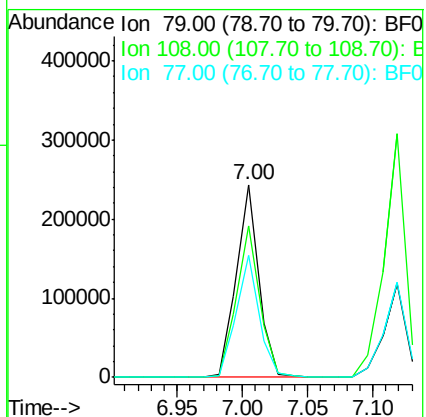
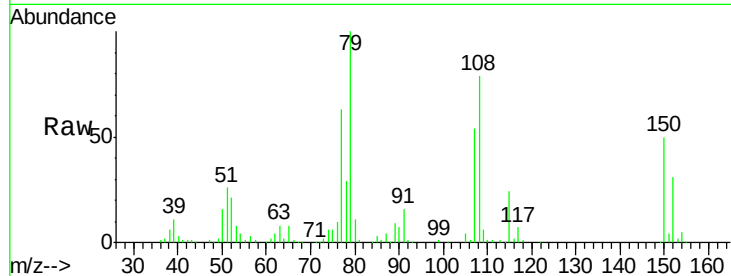
Tgt Ion: 79 Resp: 293602

Ion Ratio Lower Upper

79 100

108 78.6 65.0 97.6

77 63.3 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.17 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

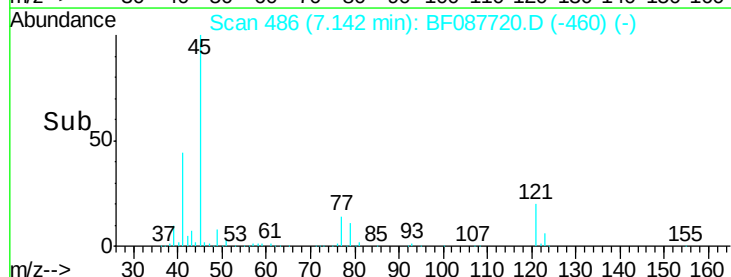
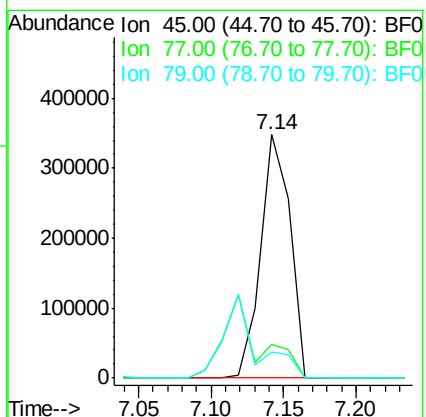
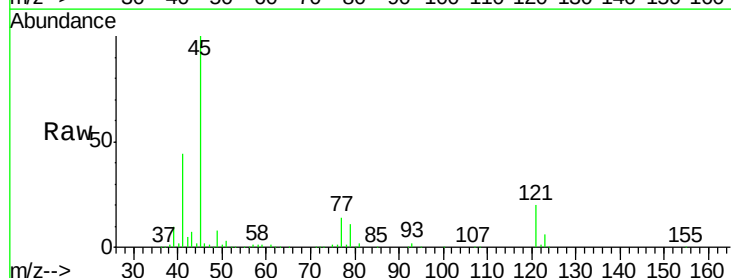
Tgt Ion: 45 Resp: 486229

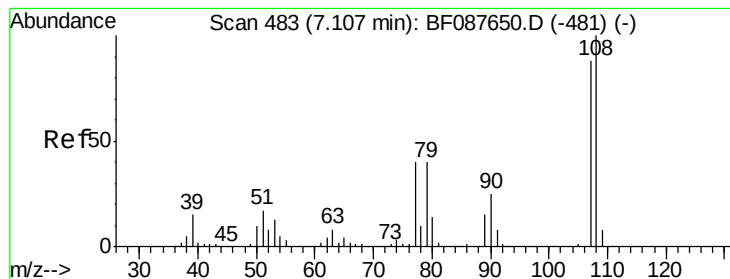
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.5

79 10.5 0.0 29.5





#17

2-Methylphenol

Concen: 46.25 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tgt Ion:107 Resp: 310875

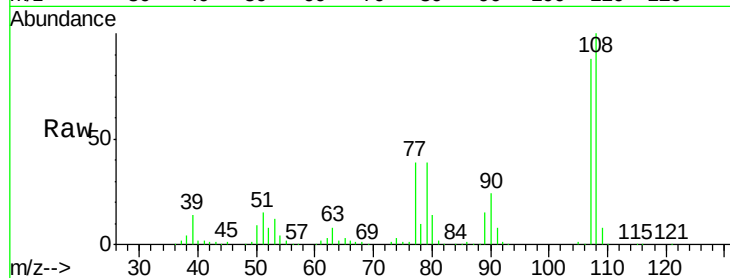
Ion Ratio Lower Upper

107 100

108 113.7 90.9 136.3

77 44.3 36.6 55.0

79 44.1 36.5 54.7

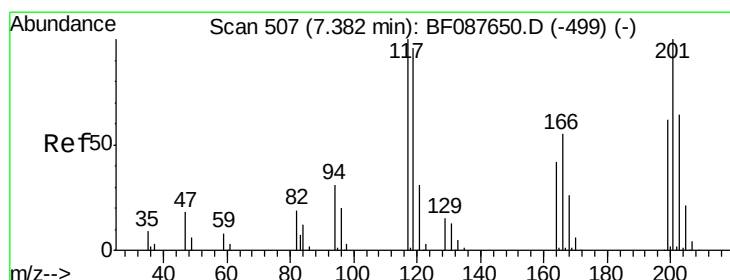
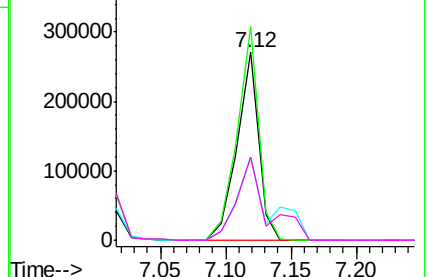
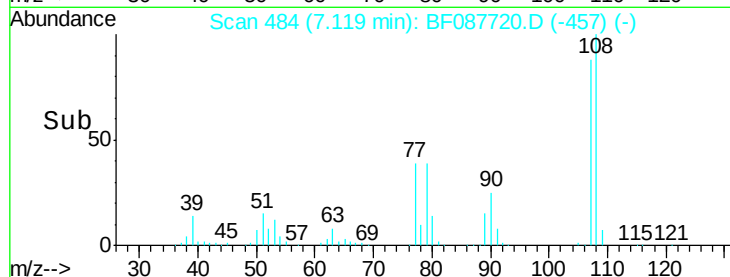


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.95 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

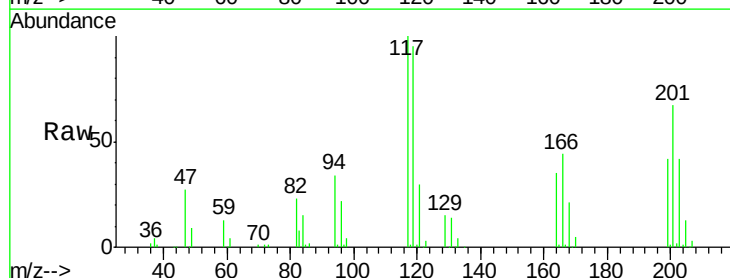
Tgt Ion:117 Resp: 141356

Ion Ratio Lower Upper

117 100

119 94.7 77.4 116.2

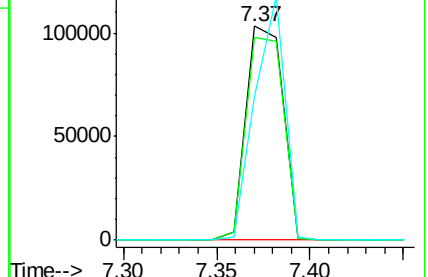
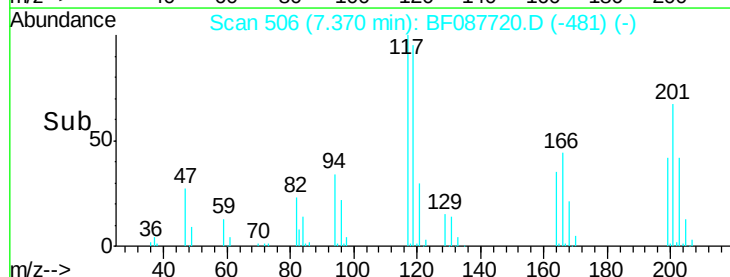
201 67.0 80.4 120.6#

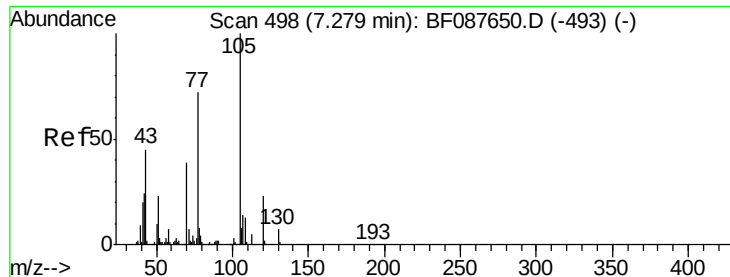


Abundance Ion 117.00 (116.70 to 117.70): E

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: 47.01 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tgt Ion: 70 Resp: 267830

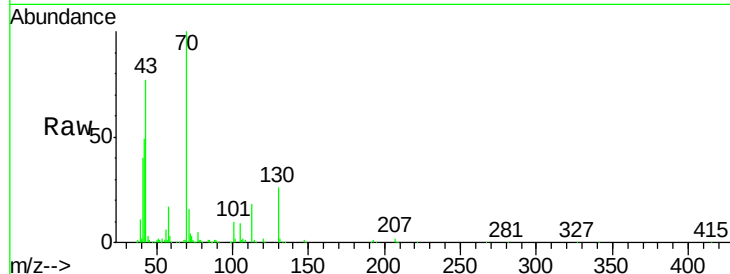
Ion Ratio Lower Upper

70 100

42 49.4 49.6 74.4#

101 10.4 7.1 10.7

130 26.4 15.4 23.2#

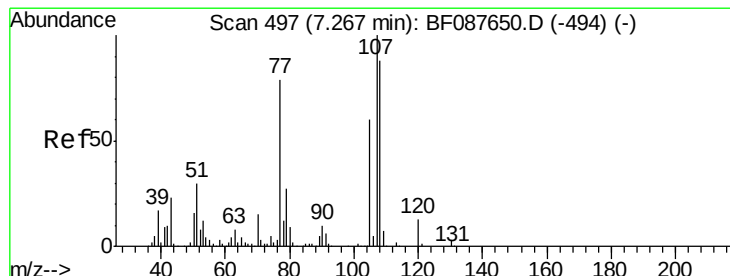
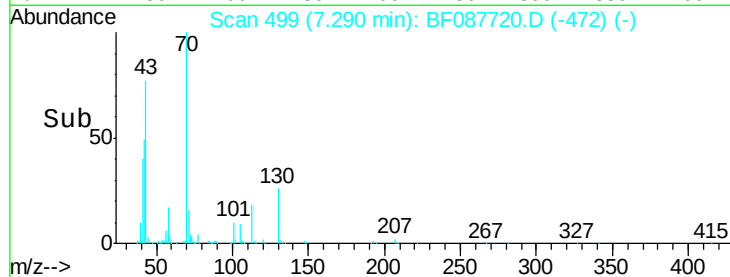
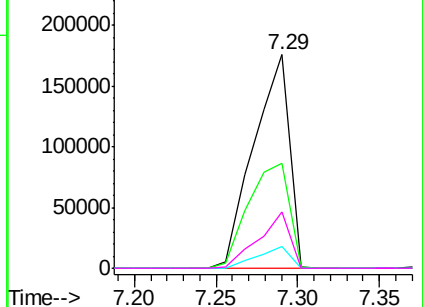


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 47.87 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Tgt Ion: 107 Resp: 394245

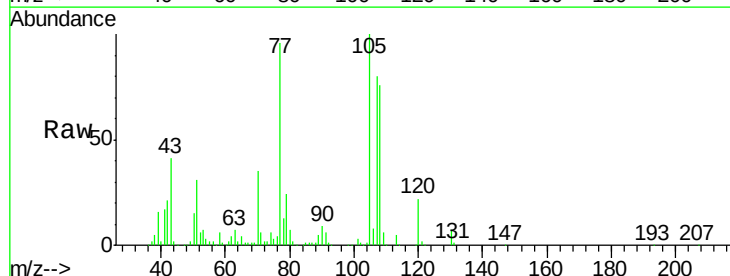
Ion Ratio Lower Upper

107 100

108 95.1 67.8 107.8

77 120.1 59.3 99.3#

79 29.9 7.0 47.0

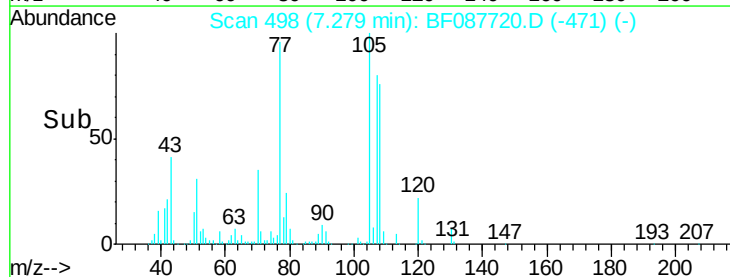
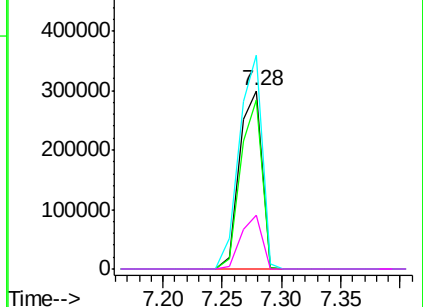


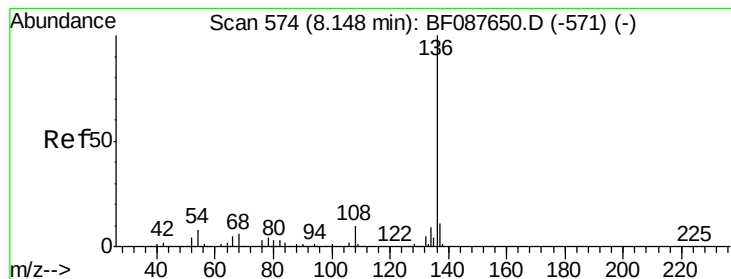
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tgt Ion:136 Resp: 486308

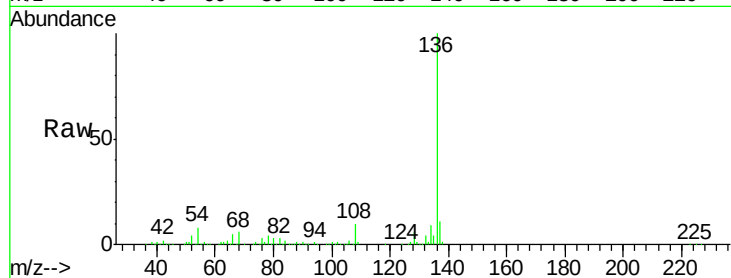
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.8 6.6 10.0

68 6.1 5.1 7.7

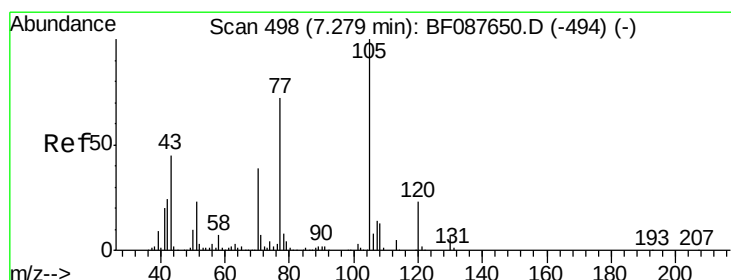
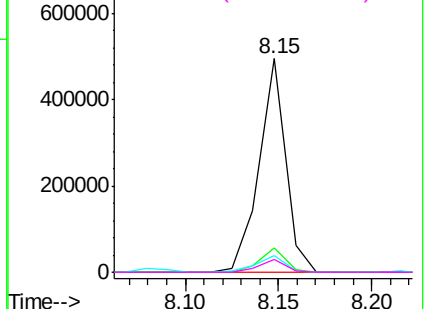
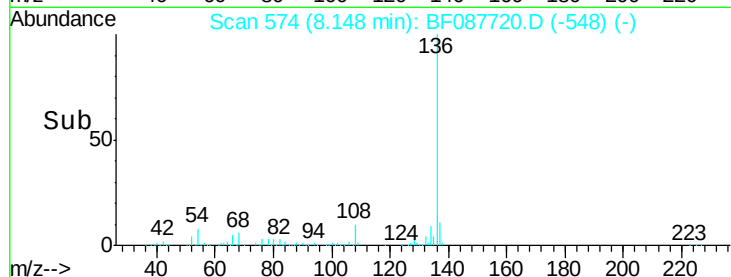


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.07 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Tgt Ion:105 Resp: 485395

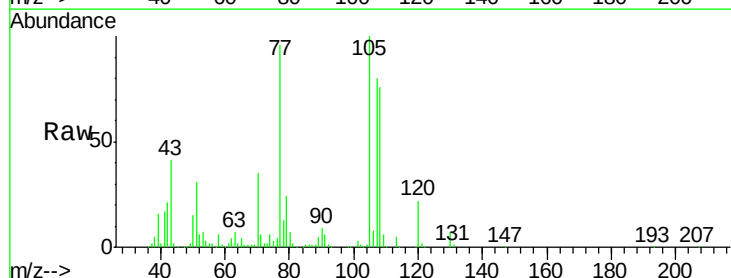
Ion Ratio Lower Upper

105 100

71 5.8 5.3 7.9

51 31.4 18.2 27.4#

120 21.7 18.0 27.0

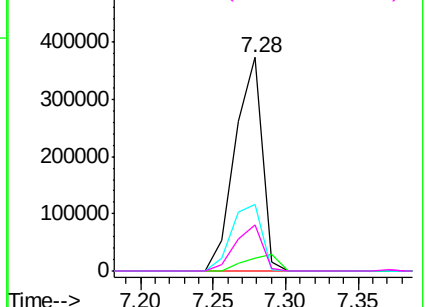
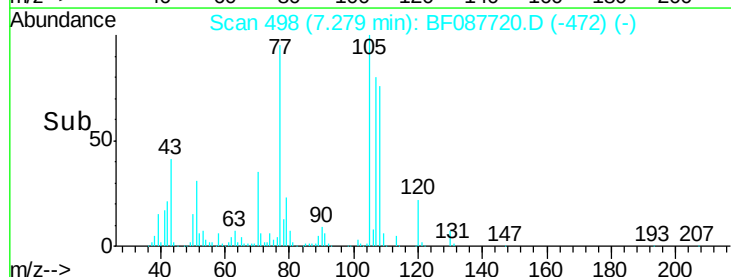


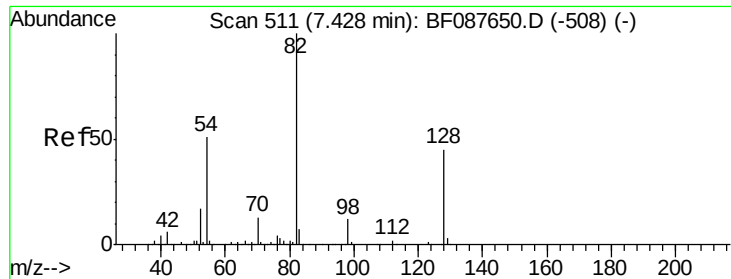
Abundance Ion 105.00 (104.70 to 105.70): E

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: 85.44 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

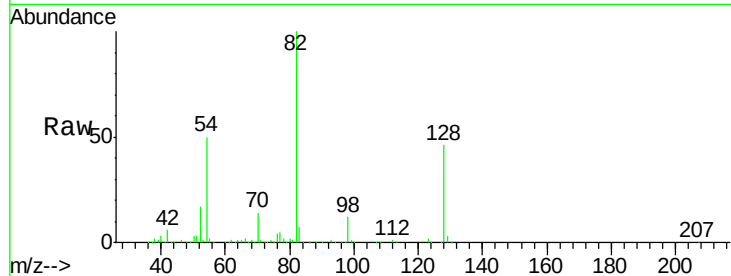
Tgt Ion: 82 Resp: 718139

Ion Ratio Lower Upper

82 100

128 46.4 35.9 53.9

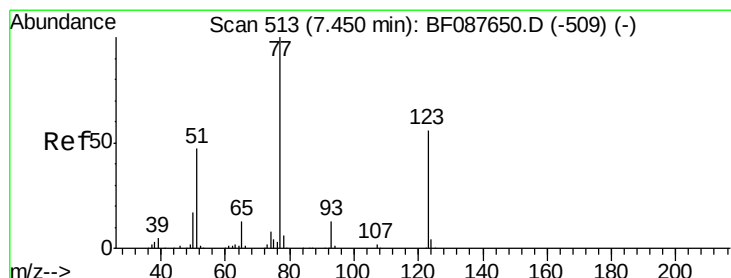
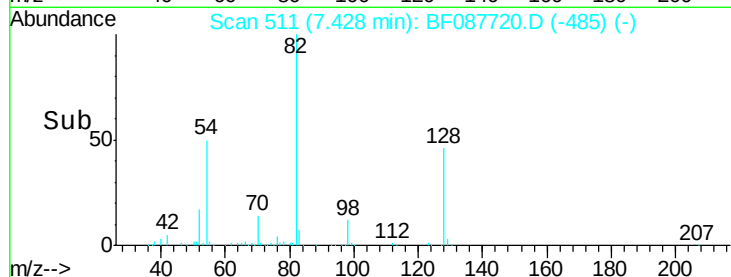
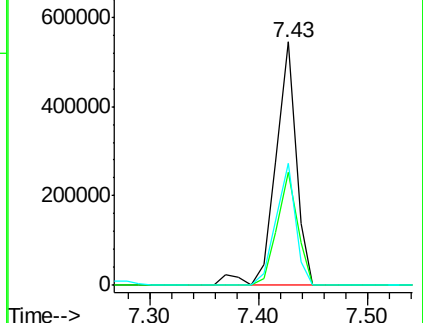
54 50.2 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 51.51 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

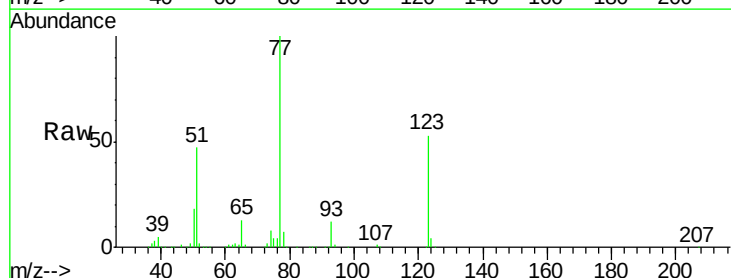
Tgt Ion: 77 Resp: 433304

Ion Ratio Lower Upper

77 100

123 53.3 45.0 67.4

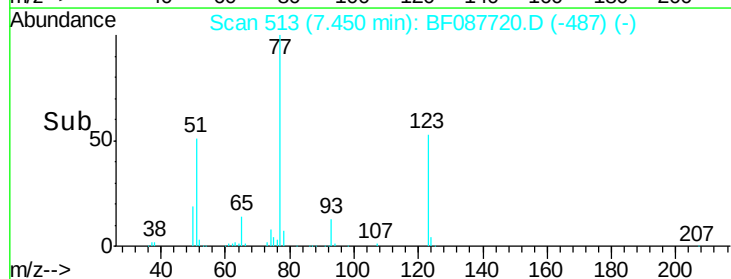
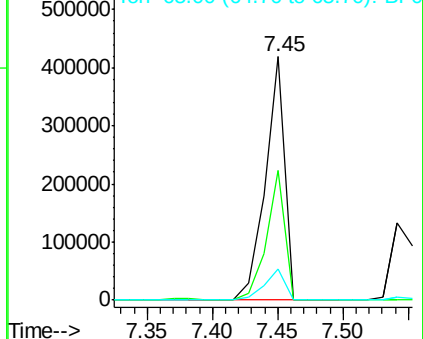
65 13.0 10.2 15.2

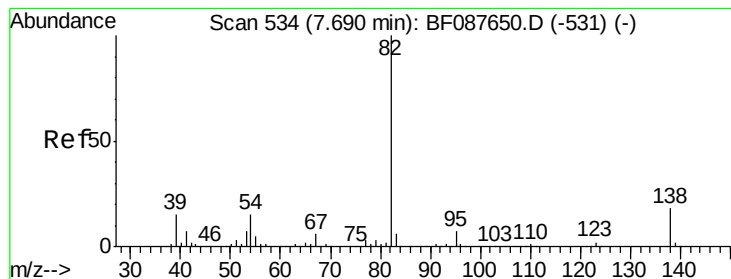


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.68 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

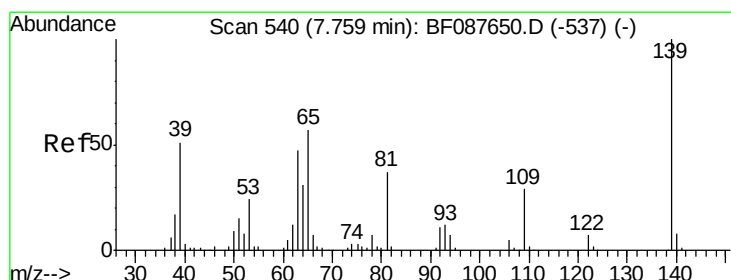
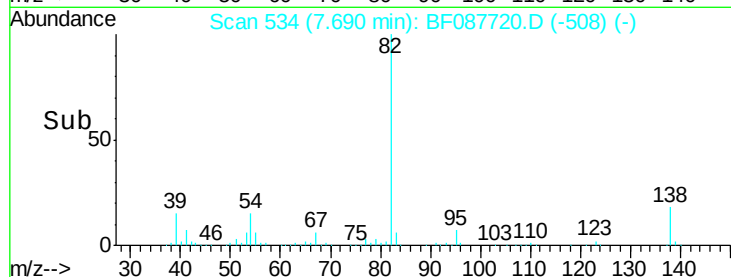
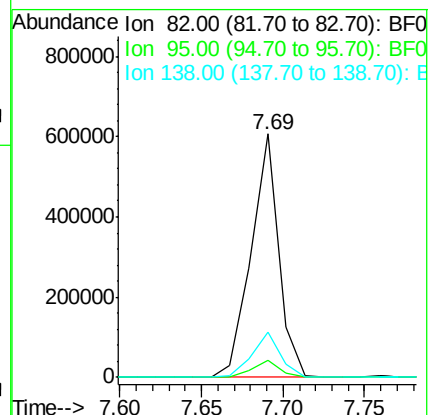
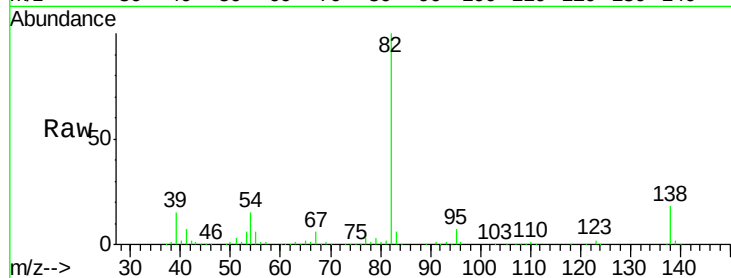
Tgt Ion: 82 Resp: 714348

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 18.4 14.6 21.8



#26

2-Nitrophenol

Concen: 51.01 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

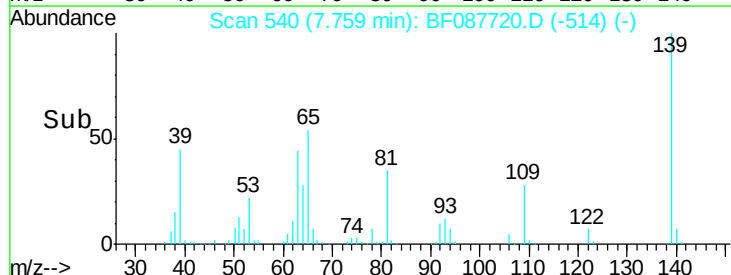
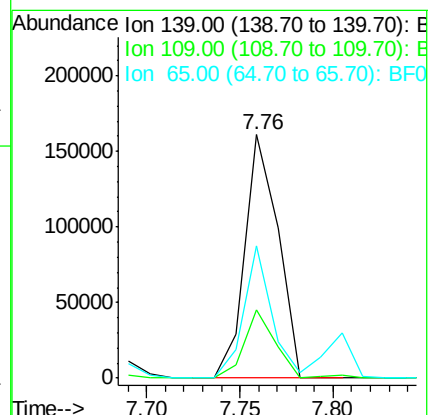
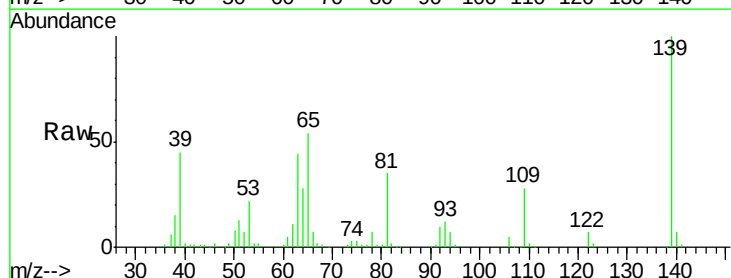
Tgt Ion: 139 Resp: 199402

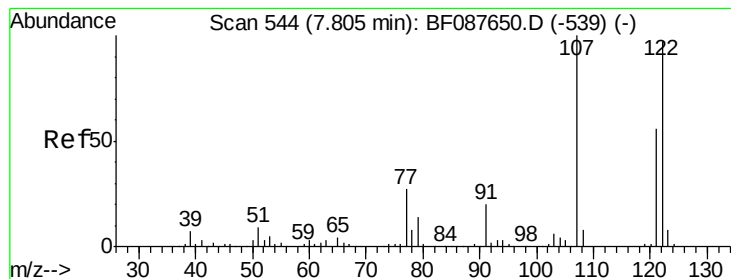
Ion Ratio Lower Upper

139 100

109 28.1 23.0 34.4

65 54.1 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 45.12 ng

RT: 7.80 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

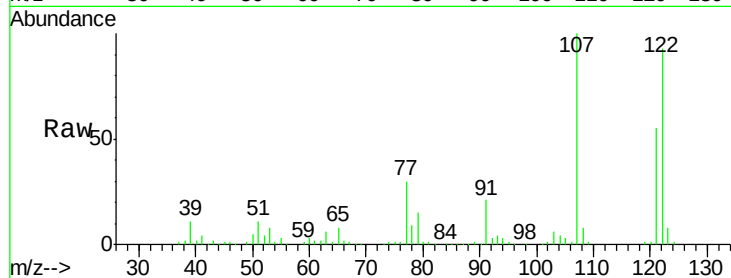
Tgt Ion:122 Resp: 365511

Ion Ratio Lower Upper

122 100

107 107.3 82.4 123.6

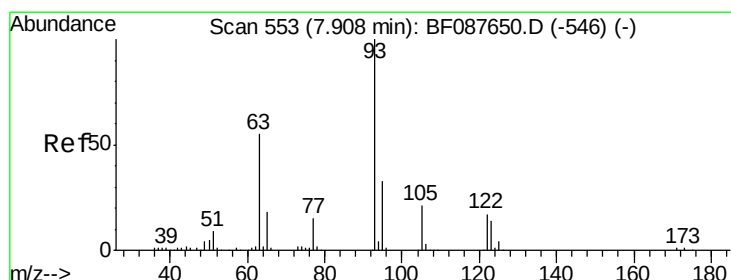
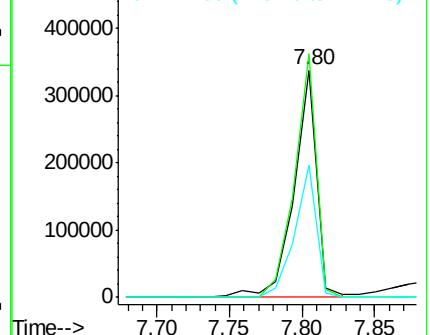
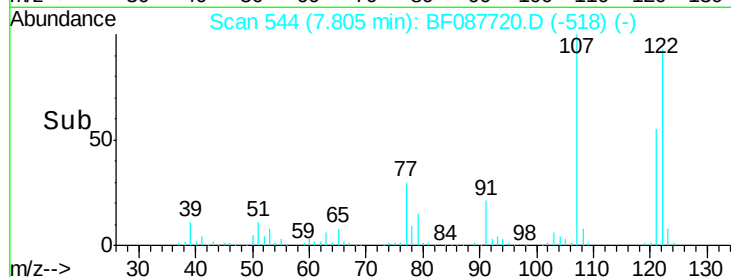
121 58.5 46.3 69.5



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: 46.98 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

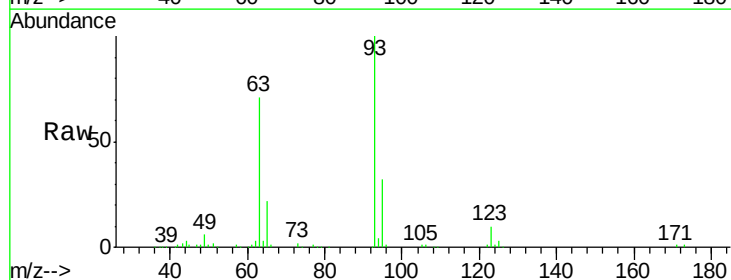
Tgt Ion: 93 Resp: 456058

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

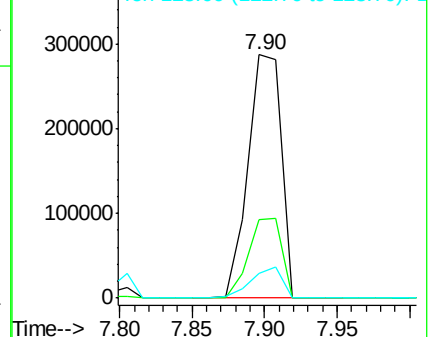
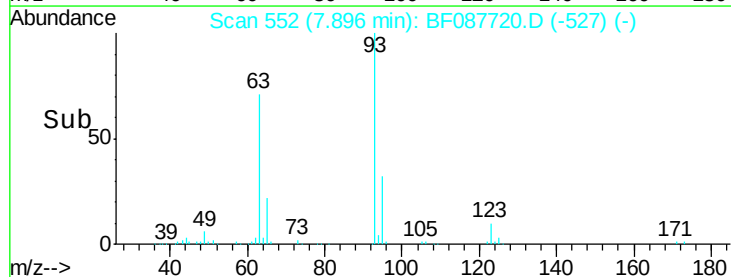
123 10.3 11.6 17.4#

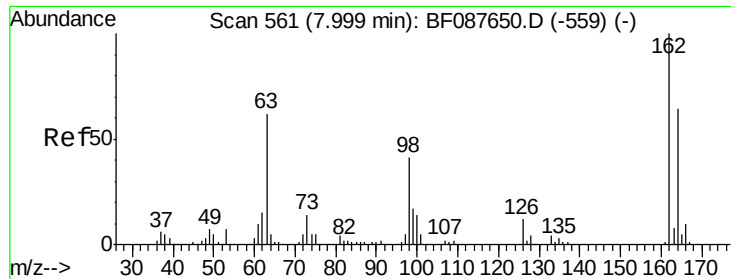


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

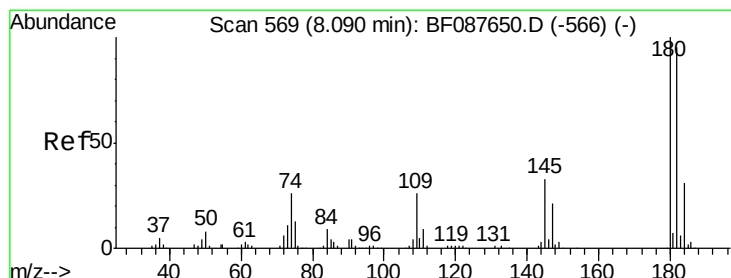
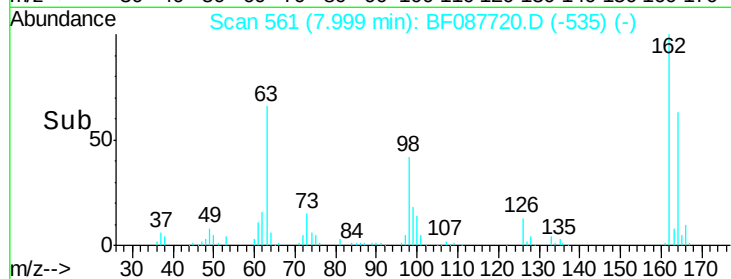
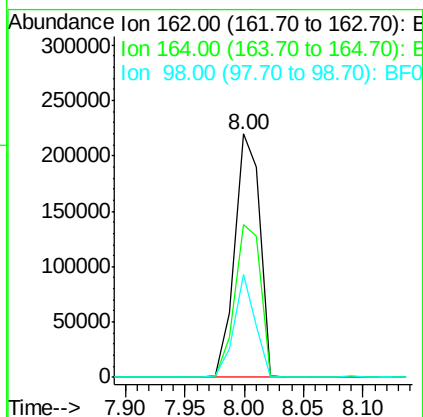
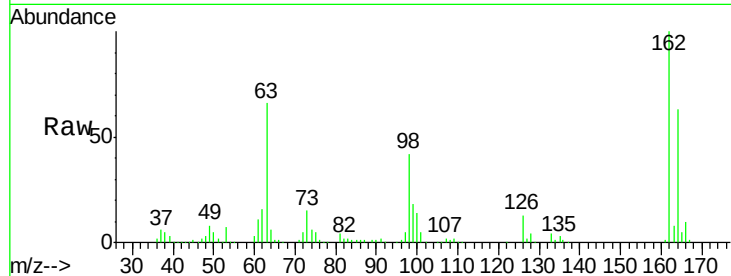




#29
2,4-Dichlorophenol
Concen: 48.66 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

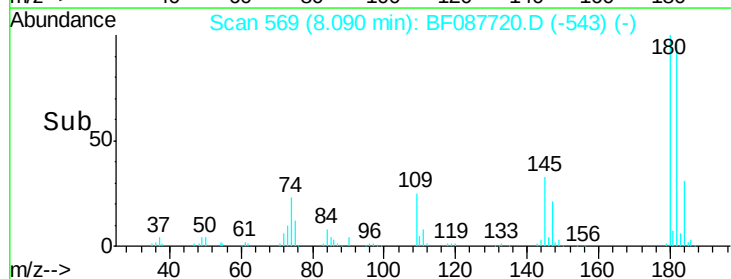
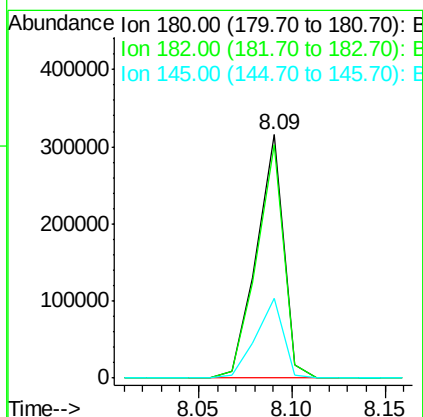
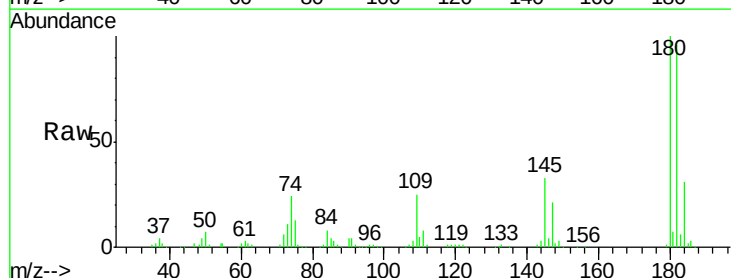
Instrument :
BNA_F
ClientSampleId :
SB-2MSD

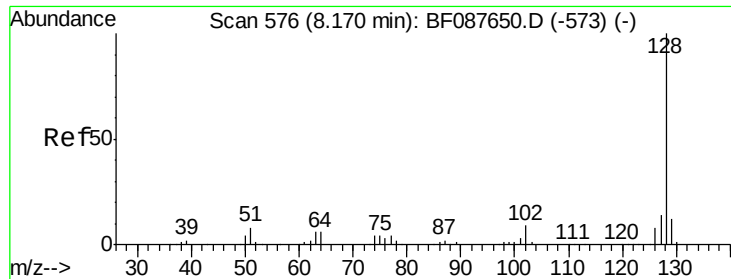
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.8	83.8
98	42.4	21.3	61.3



#30
1,2,4-Trichlorobenzene
Concen: 46.62 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.0	114.0
145	32.8	26.5	39.7

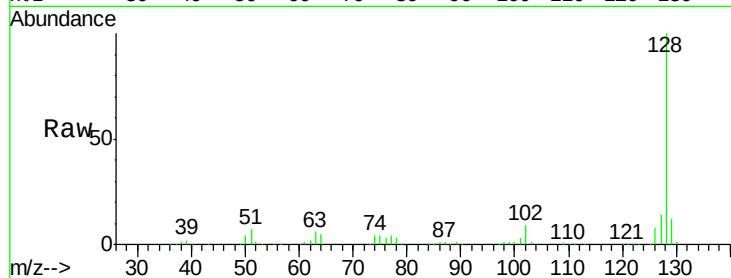




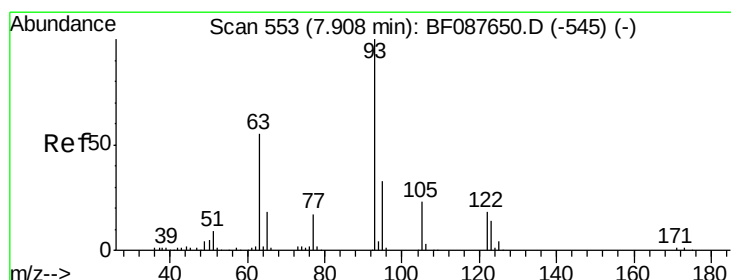
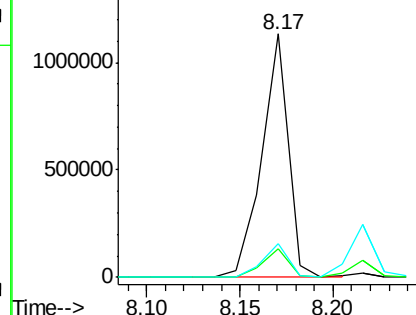
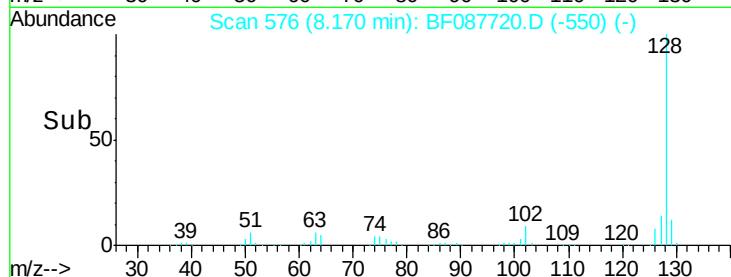
#31
Naphthalene
Concen: 46.70 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tgt Ion:128 Resp: 1104097
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 13.7 10.9 16.3

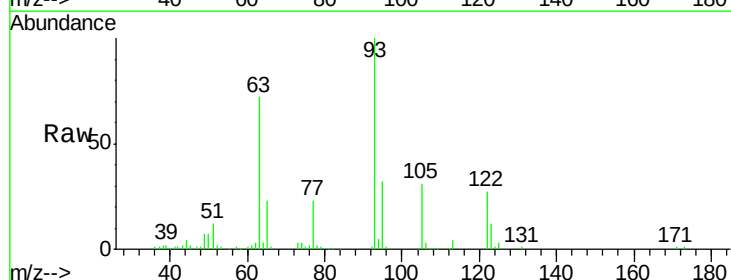


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

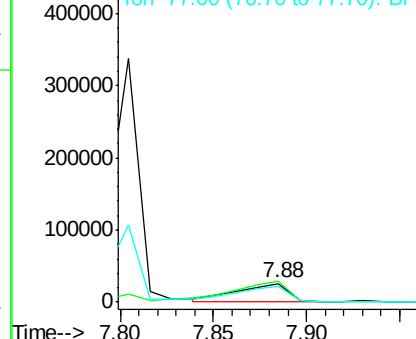
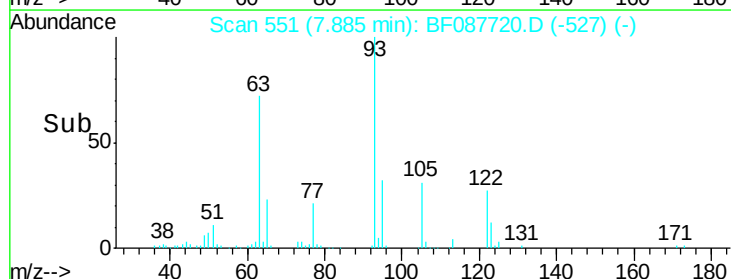


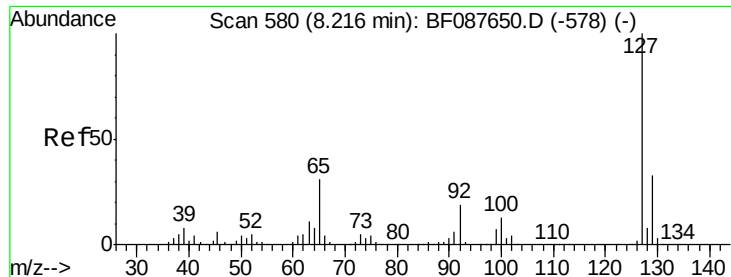
#32
Benzoic acid
Concen: 9.31 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion:122 Resp: 45498
Ion Ratio Lower Upper
122 100
105 113.5 101.6 141.6
77 82.6 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

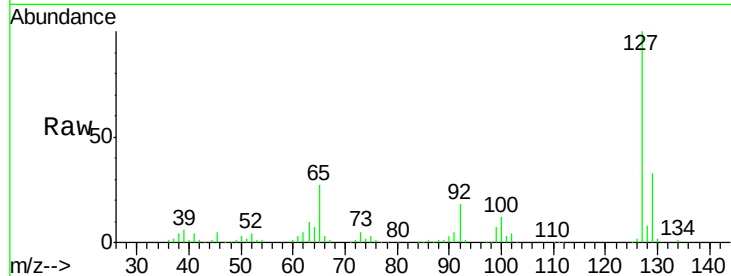




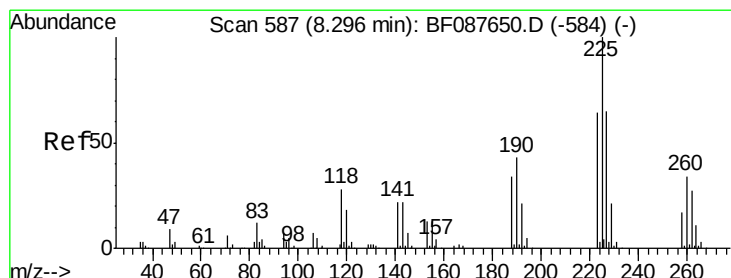
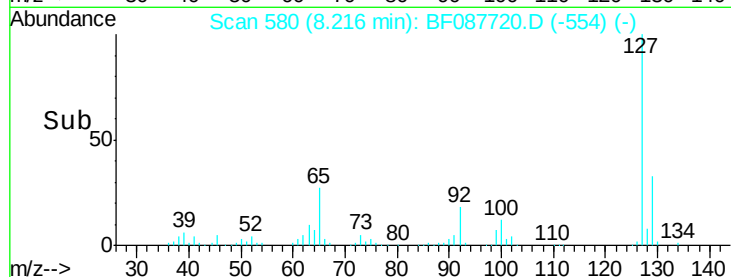
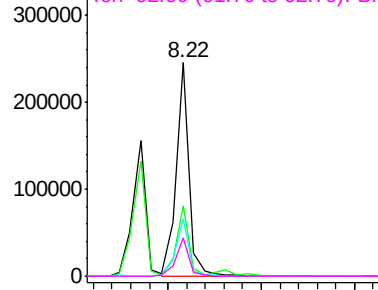
#33
4-Chloroaniline
Concen: 23.13 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tgt Ion:	127	Resp:	237538
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	27.1	24.7	37.1
92	17.7	15.4	23.0

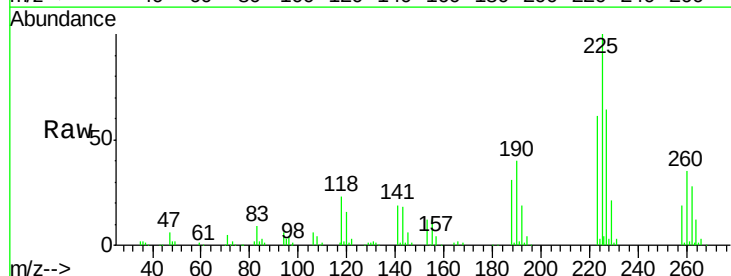


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

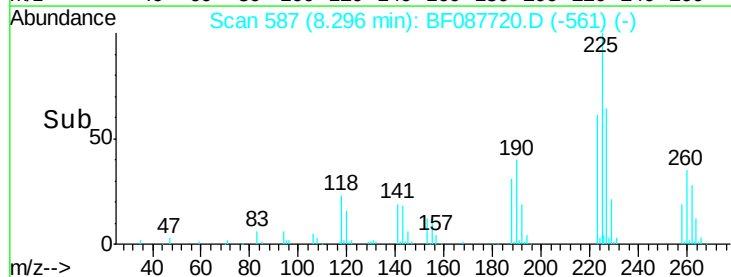
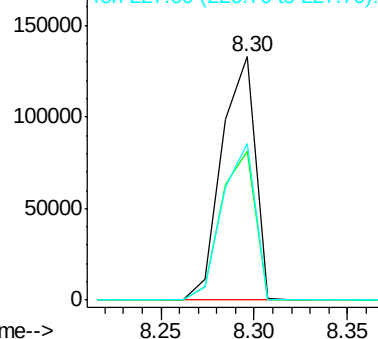


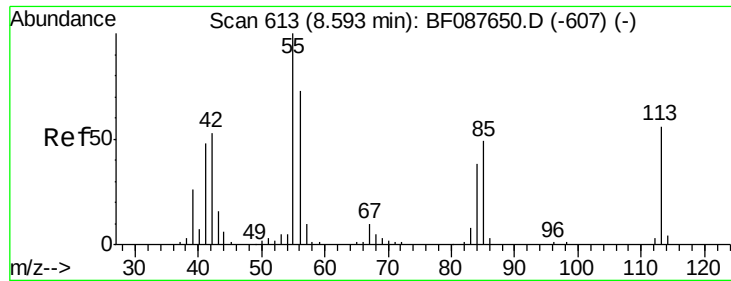
#34
Hexachlorobutadiene
Concen: 46.26 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion:	225	Resp:	167580
Ion	Ratio	Lower	Upper
225	100		
223	61.1	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: 31.80 ng

RT: 8.59 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

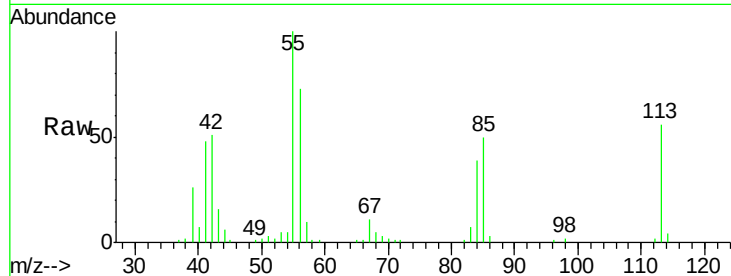
Tgt Ion:113 Resp: 69494

Ion Ratio Lower Upper

113 100

55 177.8 158.6 198.6

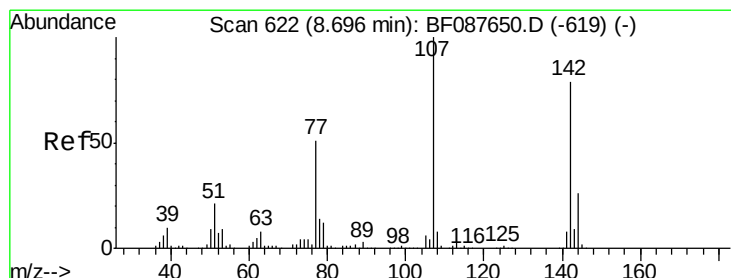
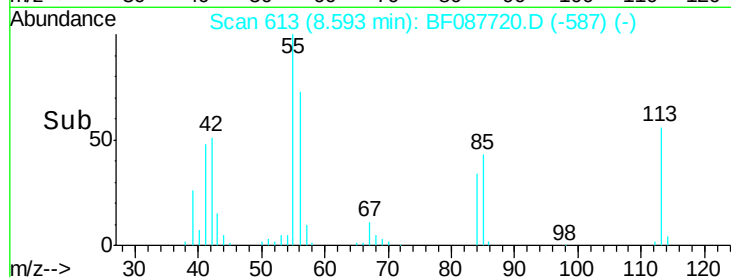
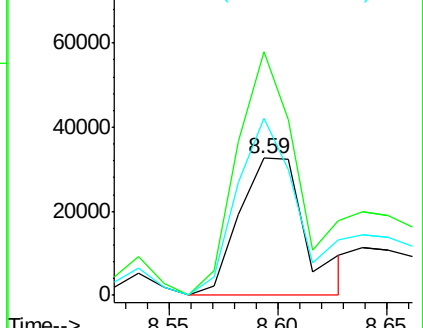
56 129.0 110.6 150.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 52.28 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

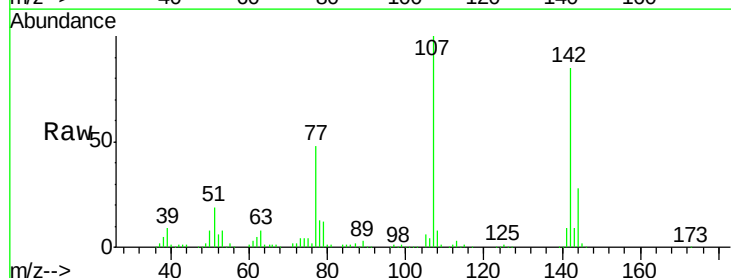
Tgt Ion:107 Resp: 359798

Ion Ratio Lower Upper

107 100

144 27.7 20.8 31.2

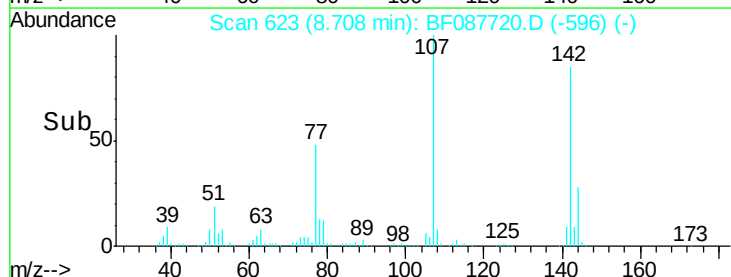
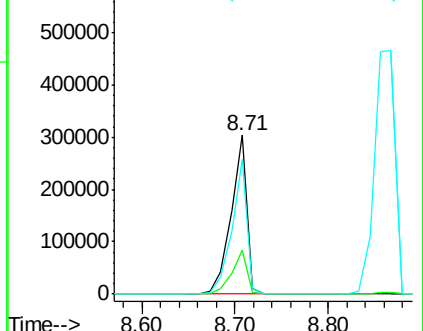
142 85.1 63.4 95.2

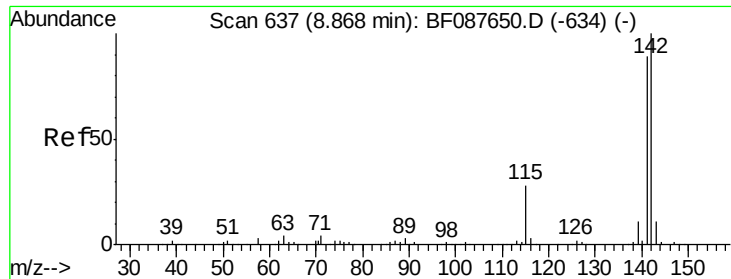


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

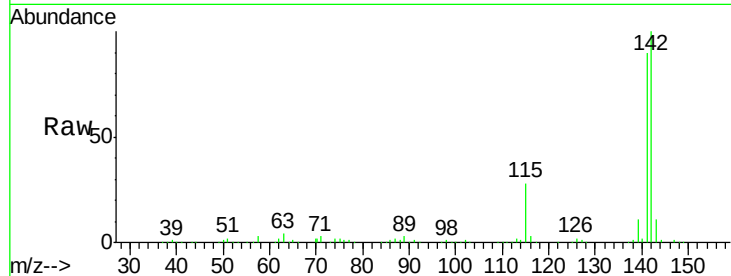




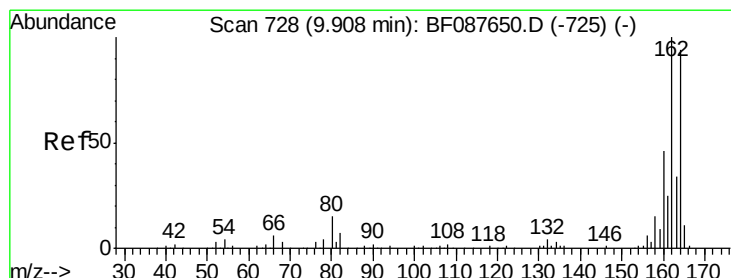
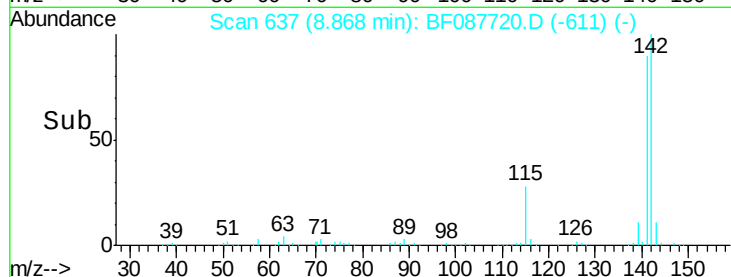
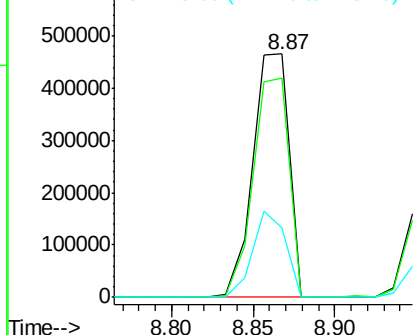
#37
 2-Methylnaphthalene
 Concen: 46.03 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tgt Ion:142 Resp: 718705
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 28.4 22.6 33.8

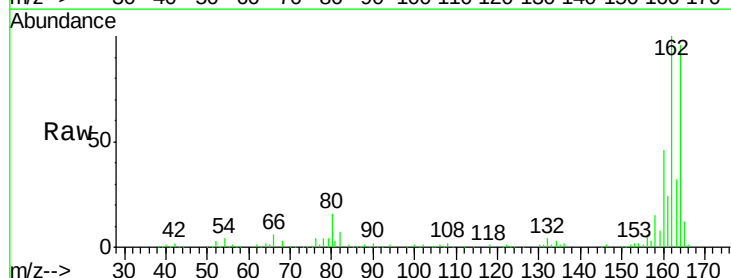


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

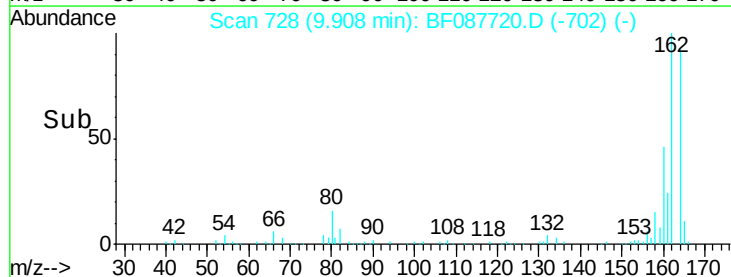
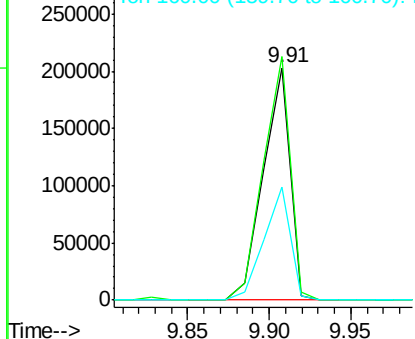


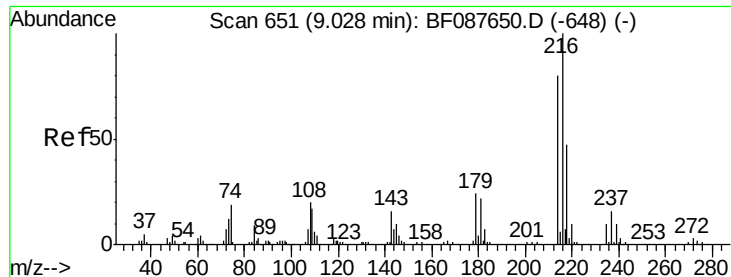
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion:164 Resp: 231825
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.4 128.2
 160 48.4 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.52 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tgt Ion:216 Resp: 278076

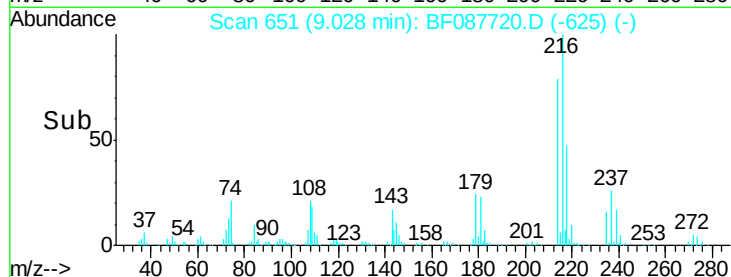
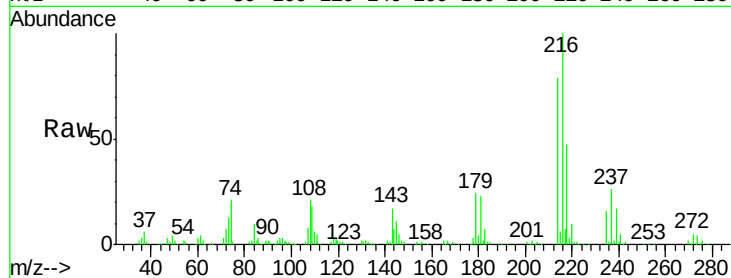
Ion Ratio Lower Upper

216 100

214 78.5 2.9 4.3#

179 23.0 0.0 0.0#

108 24.4 0.5 0.7#

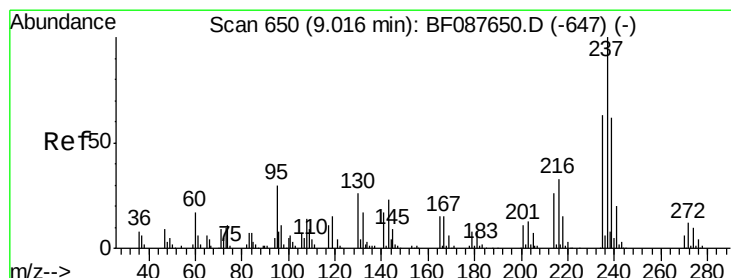
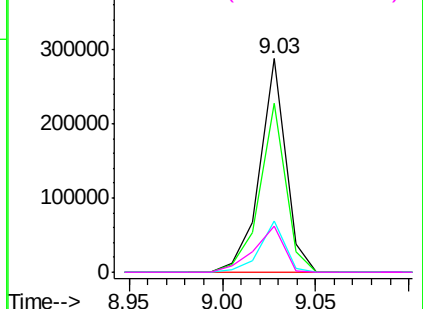


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.05 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

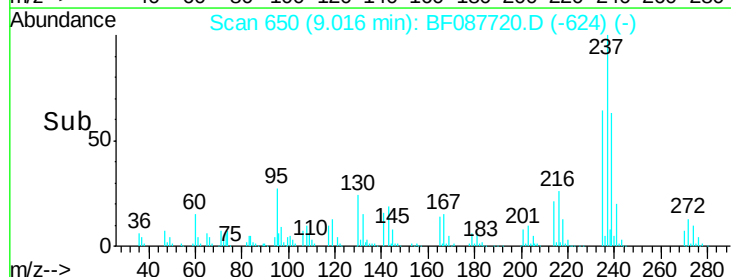
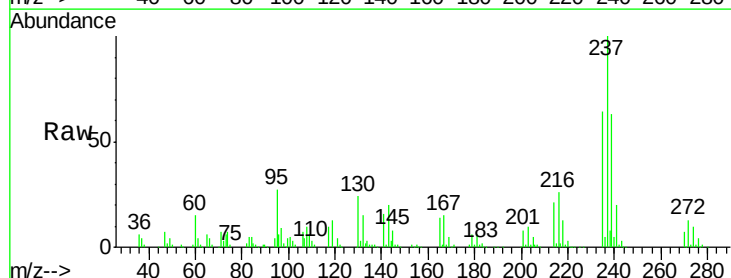
Tgt Ion:237 Resp: 285791

Ion Ratio Lower Upper

237 100

235 64.1 43.4 83.4

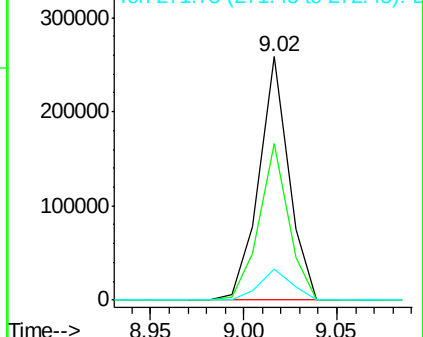
272 12.9 0.0 32.3

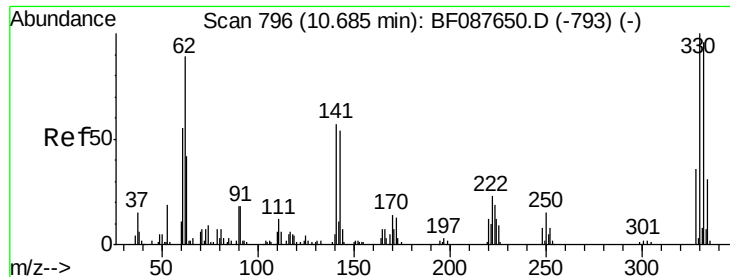


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

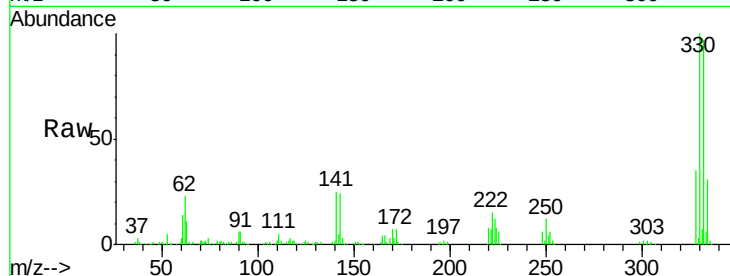




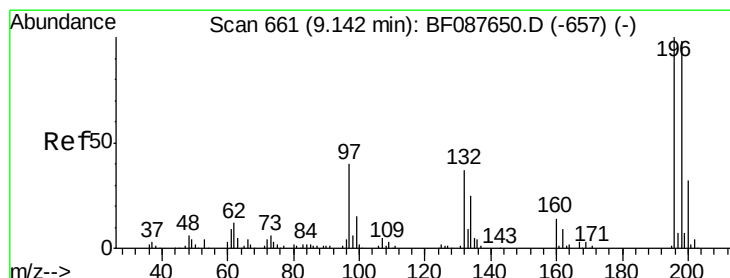
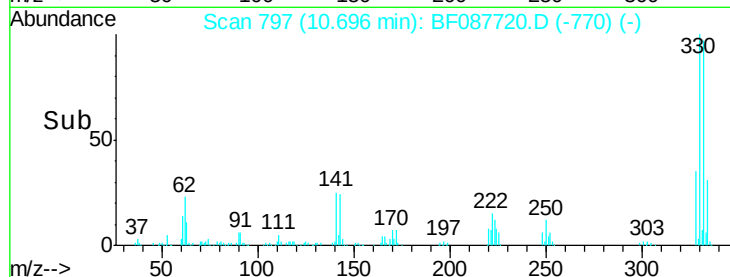
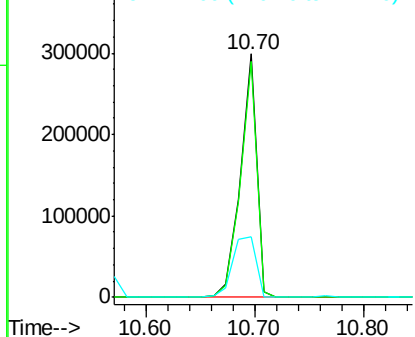
#41
 2,4,6-Tribromophenol
 Concen: 131.29 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	36.0	0.0	0.0#

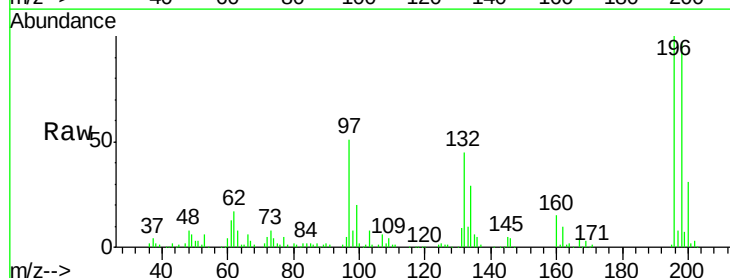


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

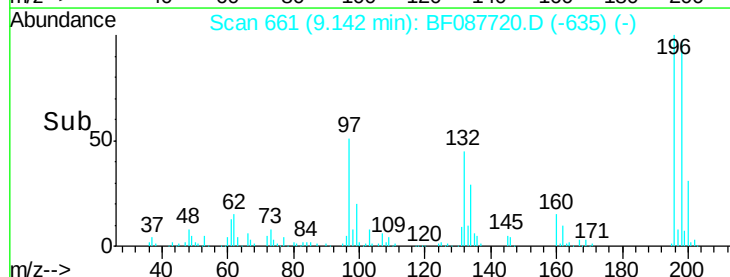
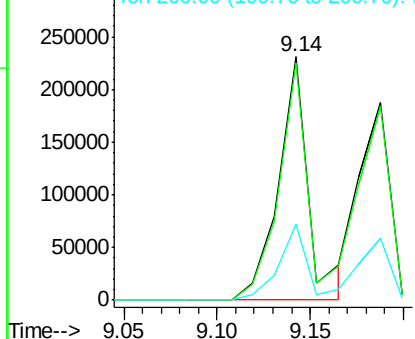


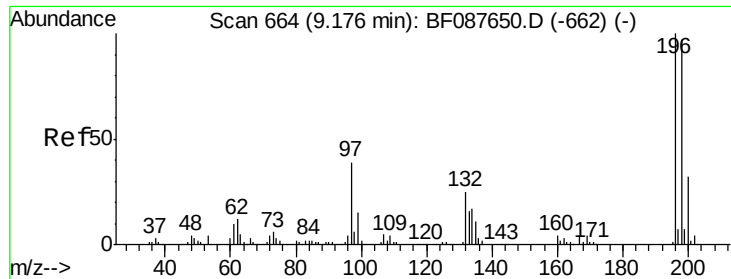
#42
 2,4,6-Trichlorophenol
 Concen: 53.47 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	78.0	117.0
200	30.9	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

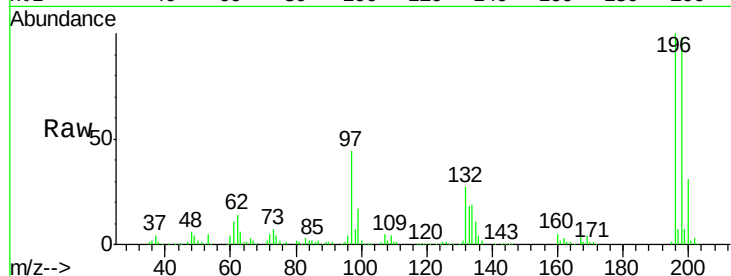




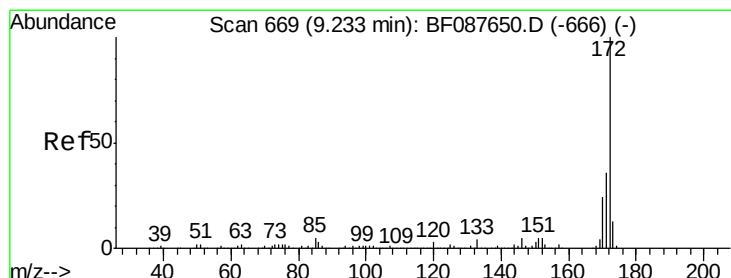
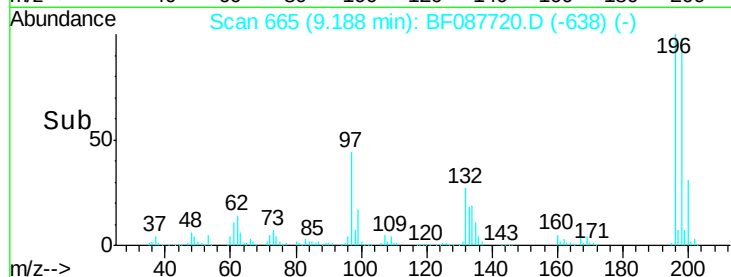
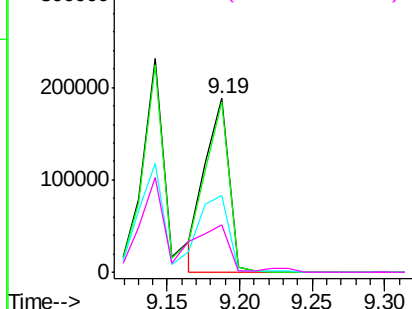
#43
 2,4,5-Trichlorophenol
 Concen: 47.74 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tgt Ion:196 Resp: 214369
 Ion Ratio Lower Upper
 196 100
 198 97.8 77.5 116.3
 97 44.4 32.0 48.0
 132 27.3 20.9 31.3

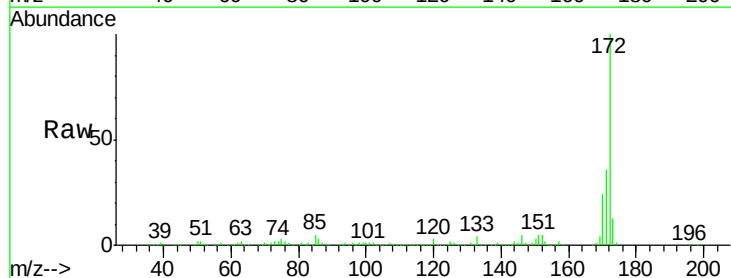


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

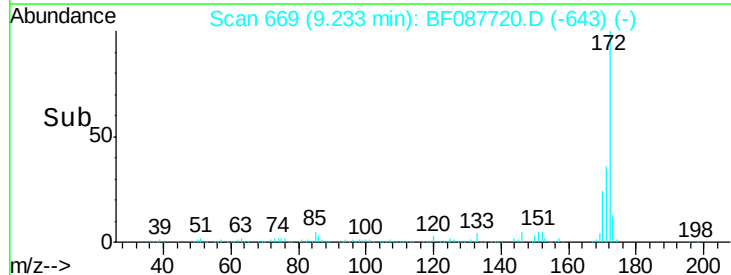
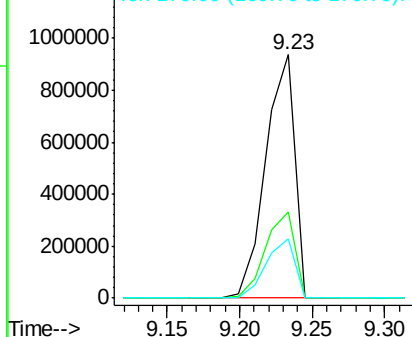


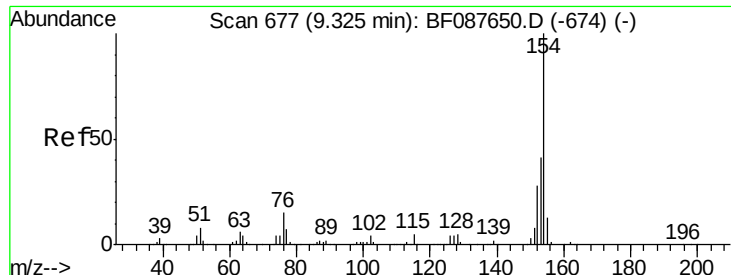
#44
 2-Fluorobiphenyl
 Concen: 86.15 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion:172 Resp: 1295427
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 24.3 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

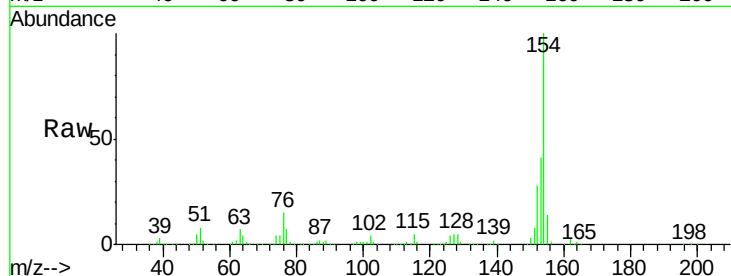




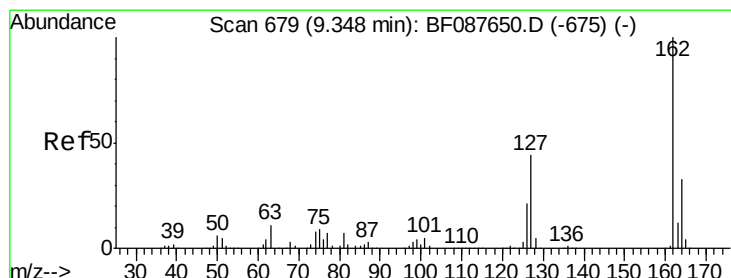
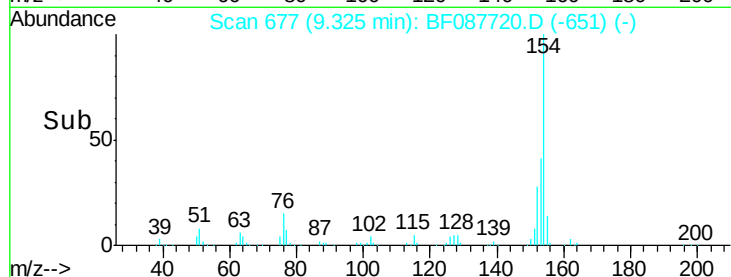
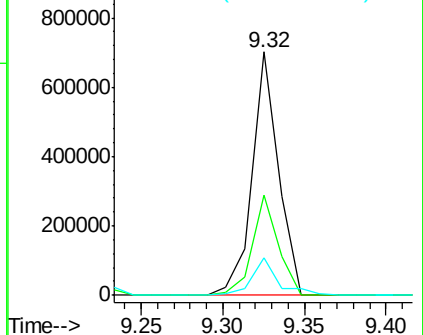
#45
 1,1'-Biphenyl
 Concen: 41.85 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tgt Ion:	154	Resp:	787352
Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.6	60.6
76	15.2	0.0	35.1

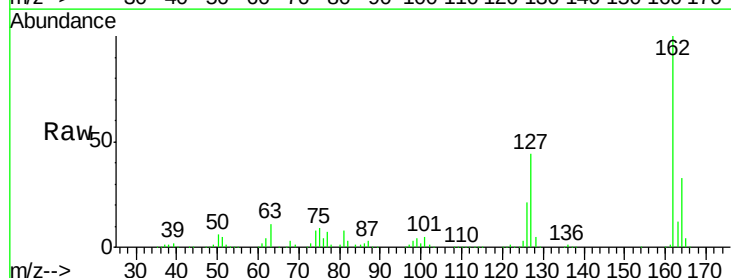


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

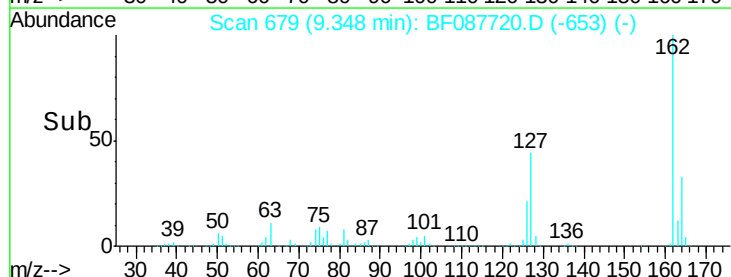
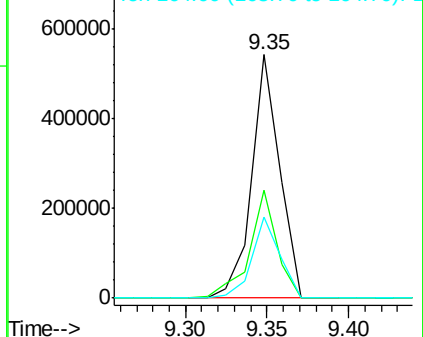


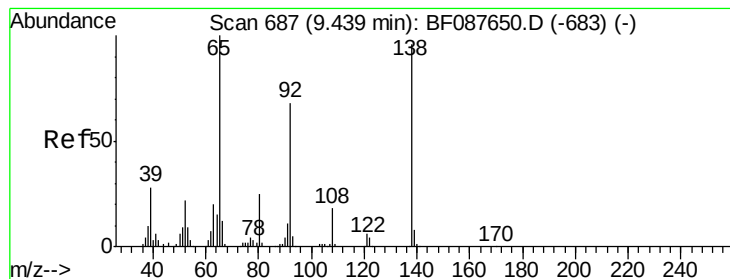
#46
 2-Chloronaphthalene
 Concen: 42.97 ng
 RT: 9.35 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion:	162	Resp:	643589
Ion	Ratio	Lower	Upper
162	100		
127	44.3	35.2	52.8
164	33.1	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: 52.41 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

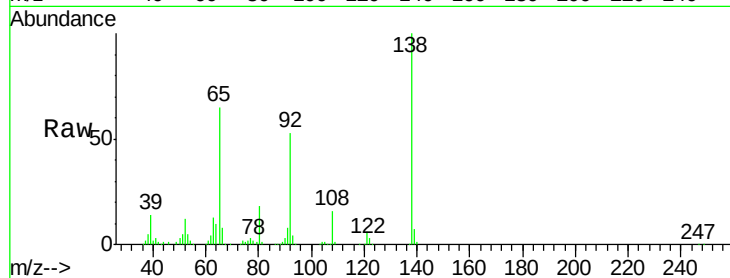
Tgt Ion: 65 Resp: 220995

Ion Ratio Lower Upper

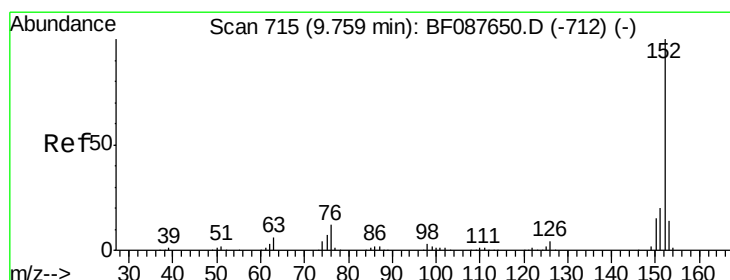
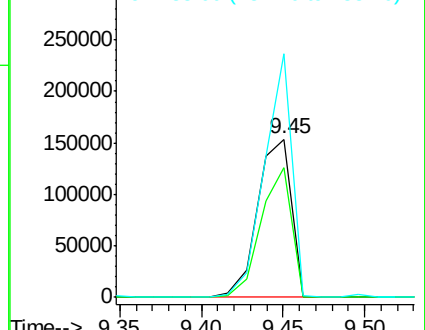
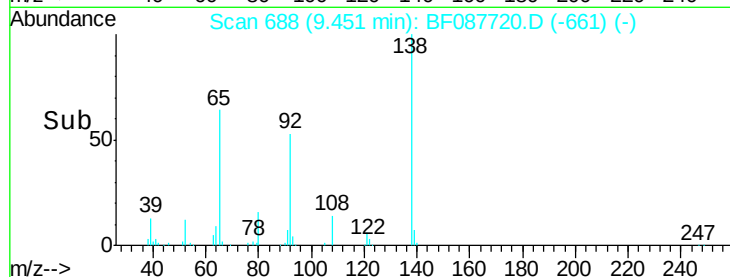
65 100

92 81.8 54.6 82.0

138 154.1 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): E



#48

Acenaphthylene

Concen: 48.84 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

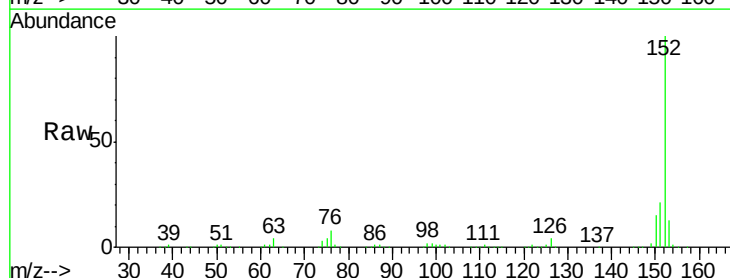
Tgt Ion: 152 Resp: 1140751

Ion Ratio Lower Upper

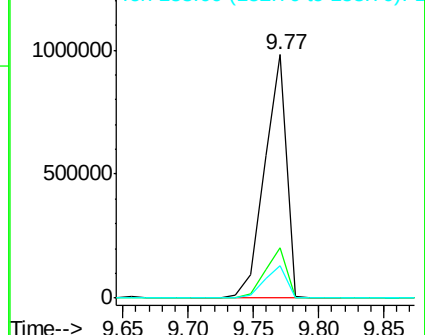
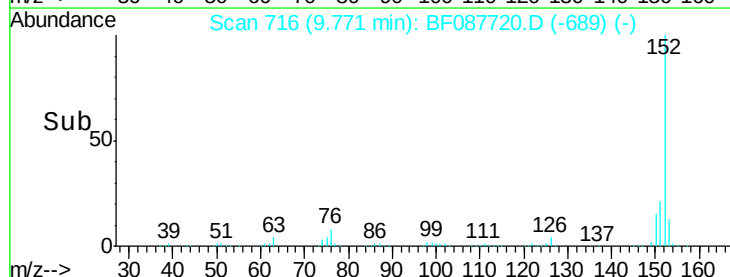
152 100

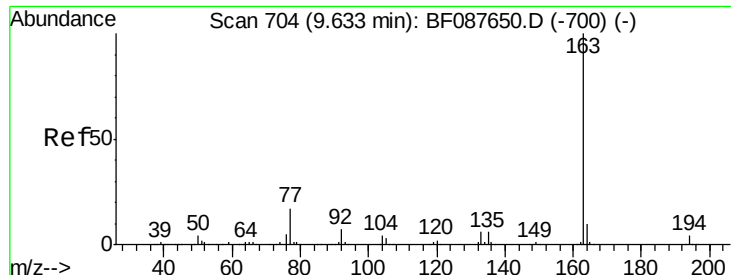
151 20.6 16.2 24.4

153 13.5 11.0 16.6



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





#49

Dimethylphthalate

Concen: 50.92 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

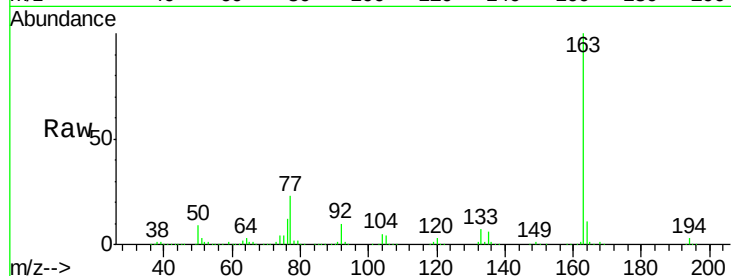
Tgt Ion:163 Resp: 858241

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

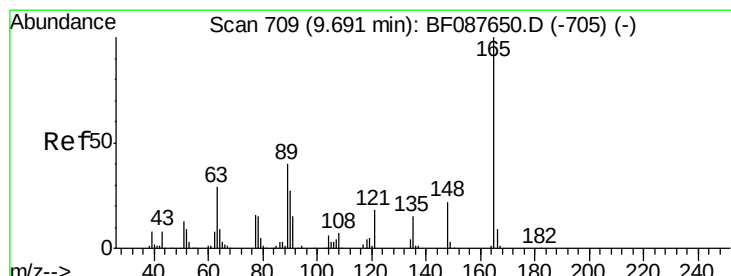
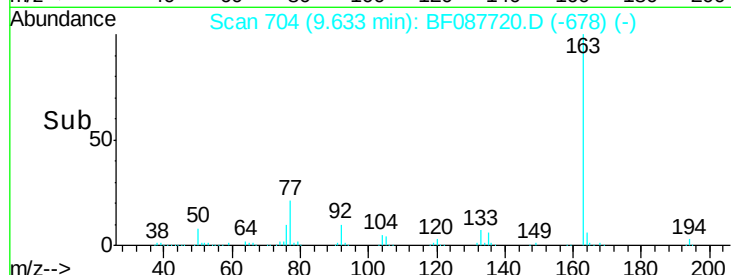
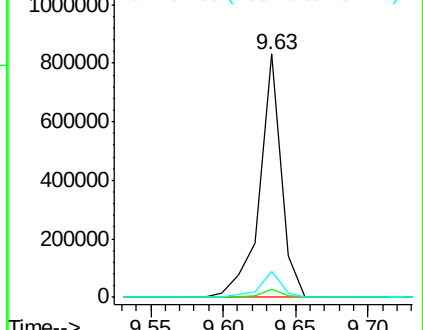
164 10.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.06 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

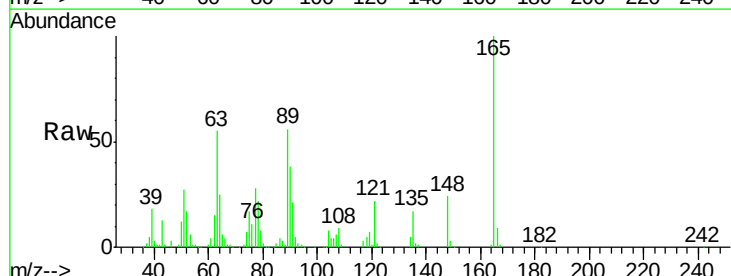
Tgt Ion:165 Resp: 180472

Ion Ratio Lower Upper

165 100

63 54.8 28.1 42.1#

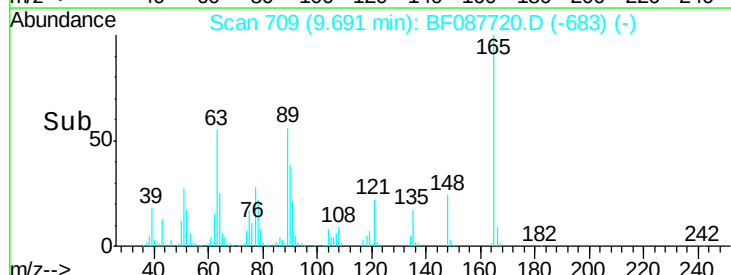
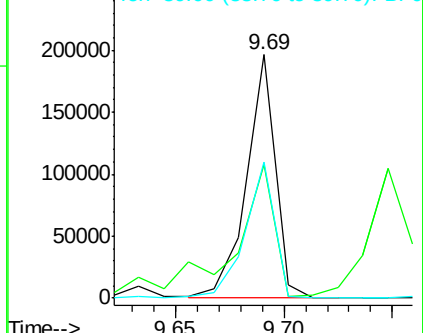
89 55.7 32.2 48.2#

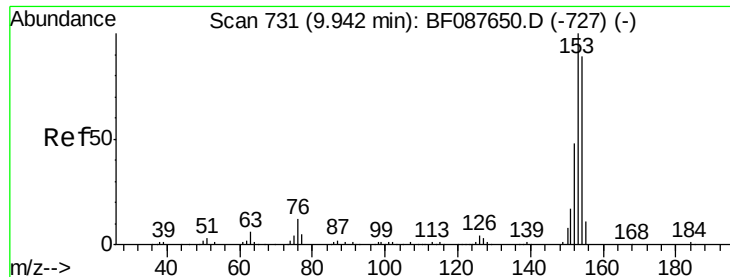


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.72 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

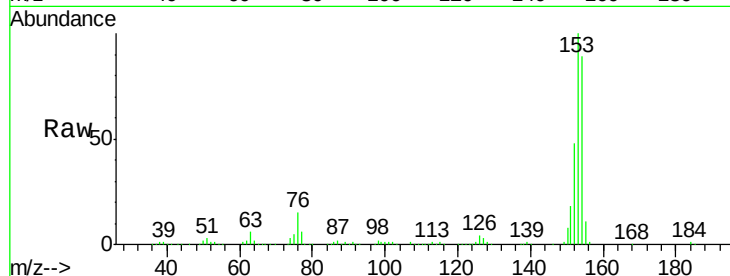
Tgt Ion:154 Resp: 702052

Ion Ratio Lower Upper

154 100

153 112.3 89.5 134.3

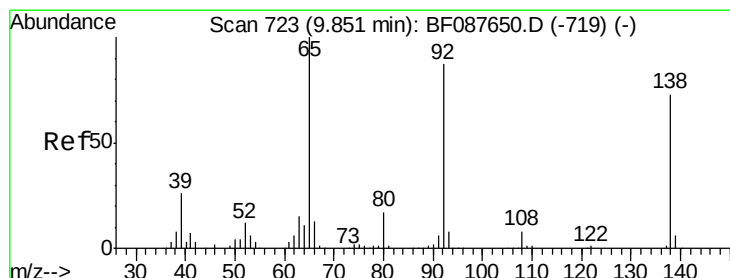
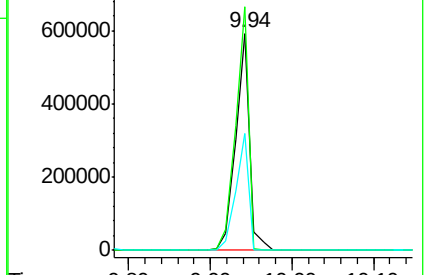
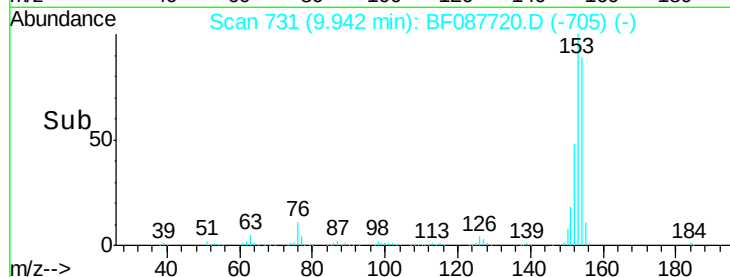
152 53.7 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.48 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

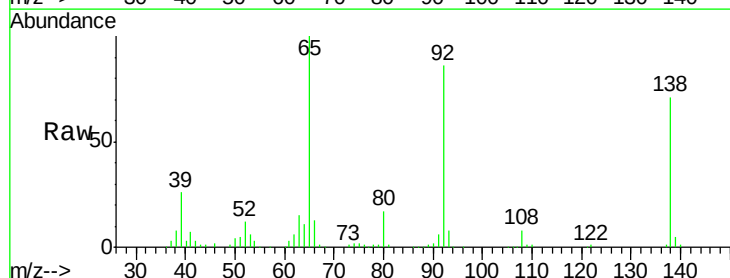
Tgt Ion:138 Resp: 138053

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

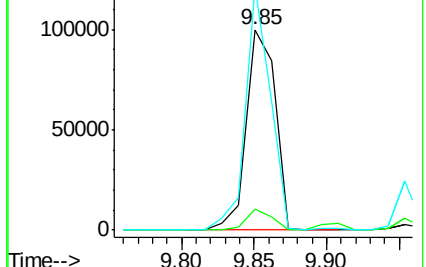
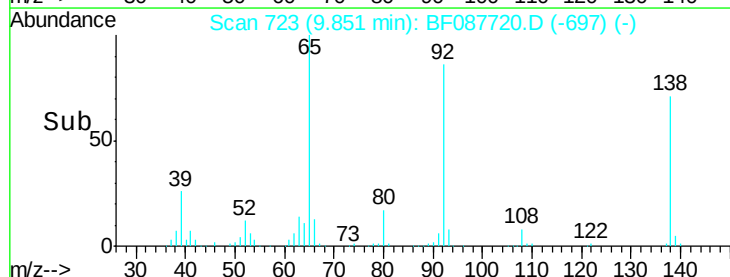
92 121.4 95.7 143.5

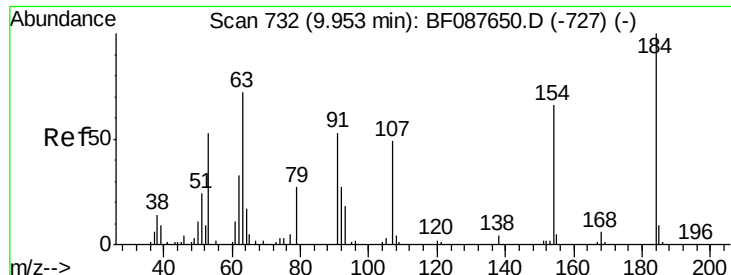


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

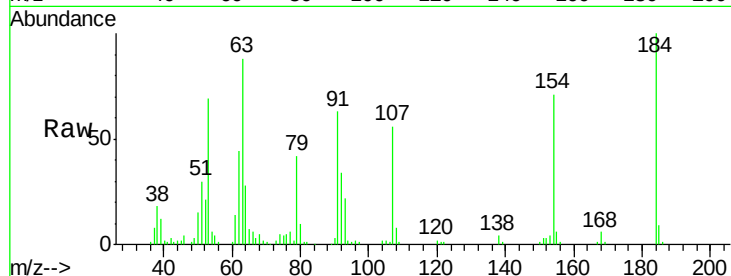




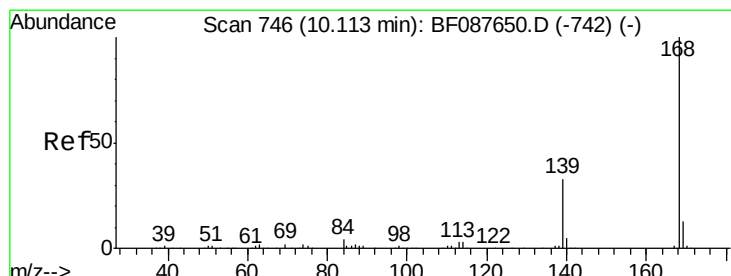
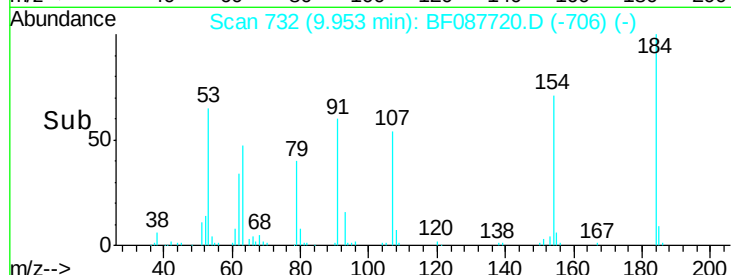
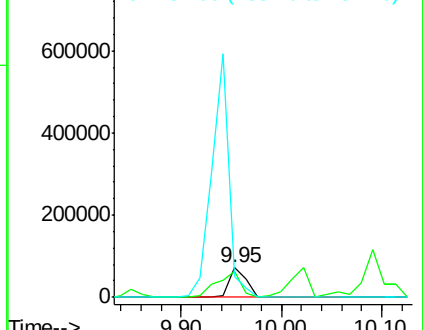
#53
2,4-Dinitrophenol
Concen: 50.91 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tgt Ion:184 Resp: 86018
Ion Ratio Lower Upper
184 100
63 87.8 57.6 86.4#
154 70.7 53.5 80.3

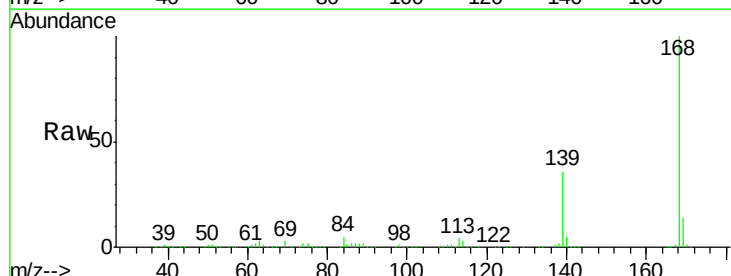


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

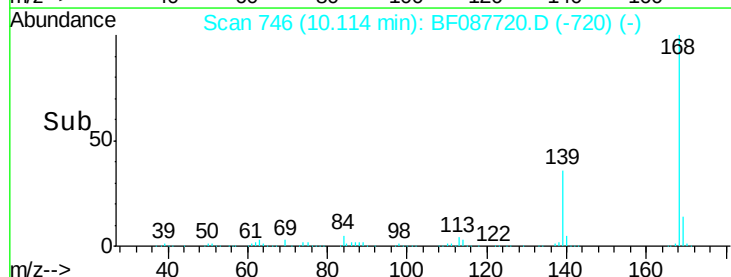
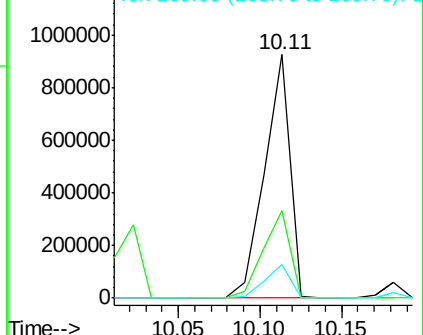


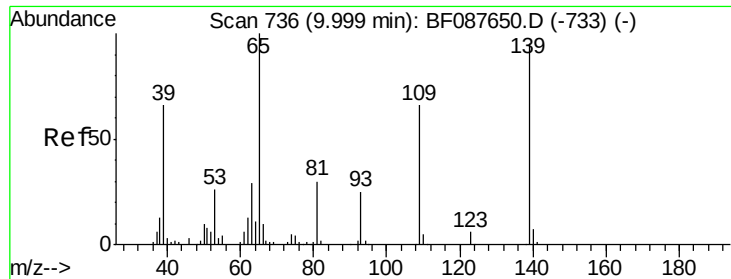
#54
Dibenzofuran
Concen: 48.92 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion:168 Resp: 1000864
Ion Ratio Lower Upper
168 100
139 36.1 26.4 39.6
169 13.7 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

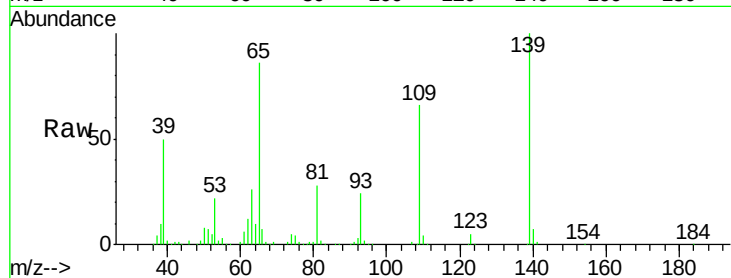




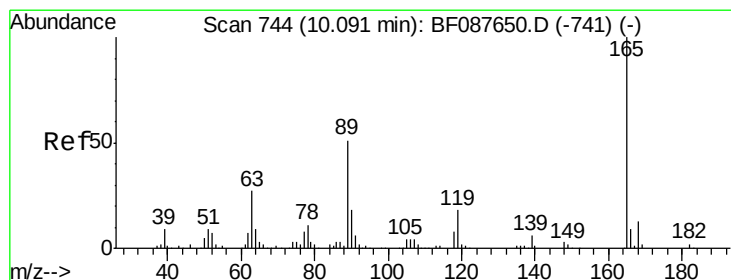
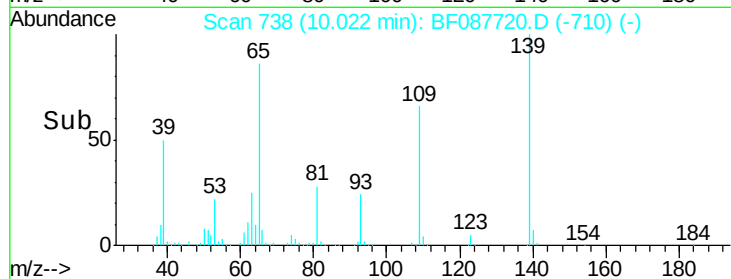
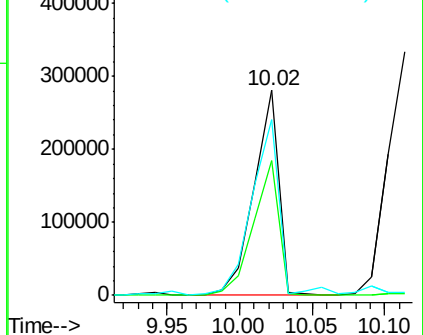
#55
4-Nitrophenol
Concen: 89.44 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.02 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tgt Ion:139 Resp: 335253
Ion Ratio Lower Upper
139 100
109 66.0 48.9 88.9
65 86.0 84.9 124.9

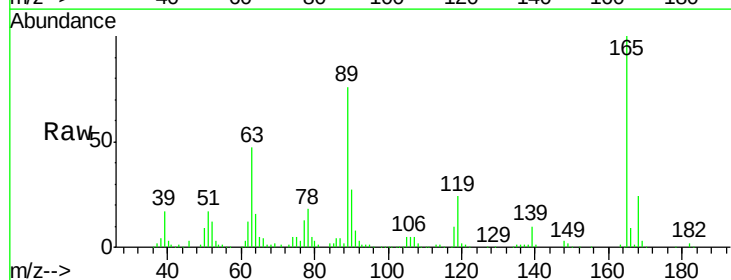


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

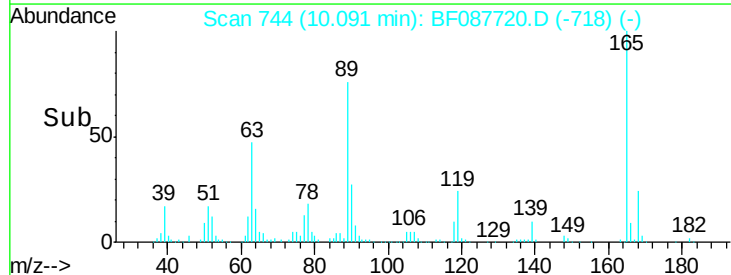
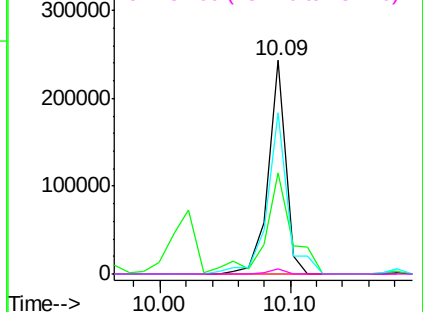


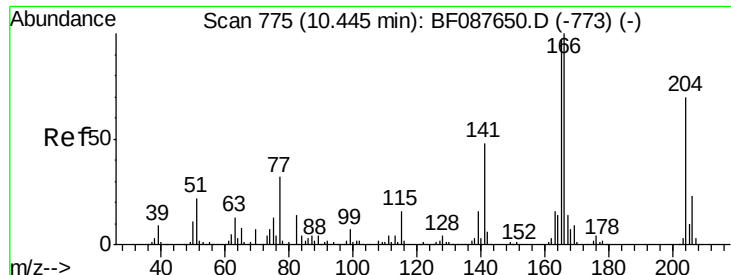
#56
2,4-Dinitrotoluene
Concen: 46.74 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion:165 Resp: 228247
Ion Ratio Lower Upper
165 100
63 47.2 22.0 33.0#
89 75.5 41.1 61.7#
182 2.3 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

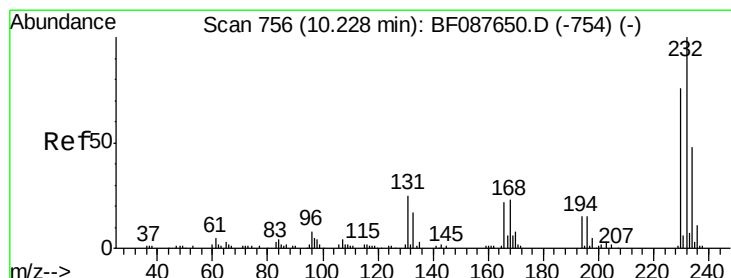
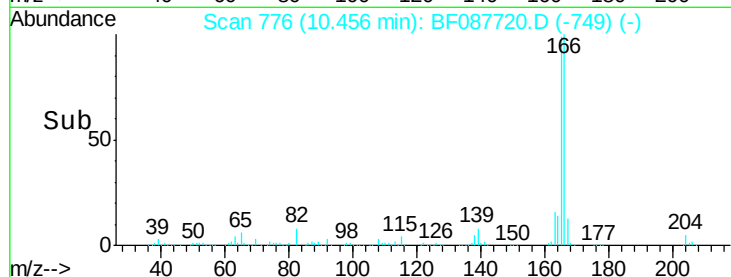
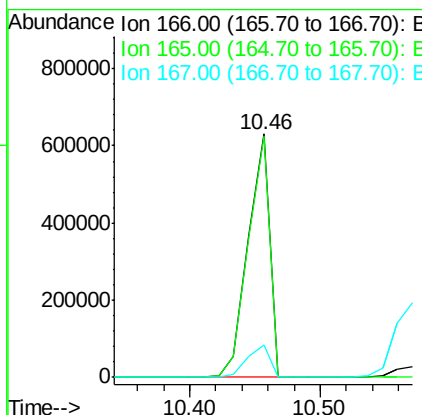
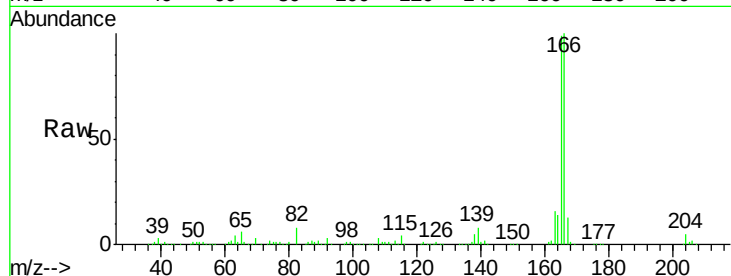




#57
Fluorene
 Concen: 45.50 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

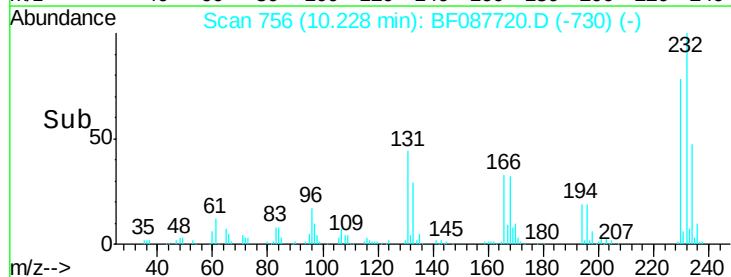
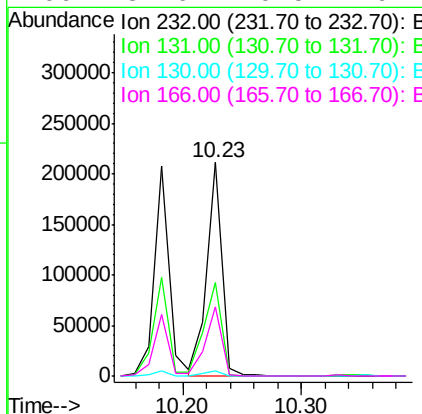
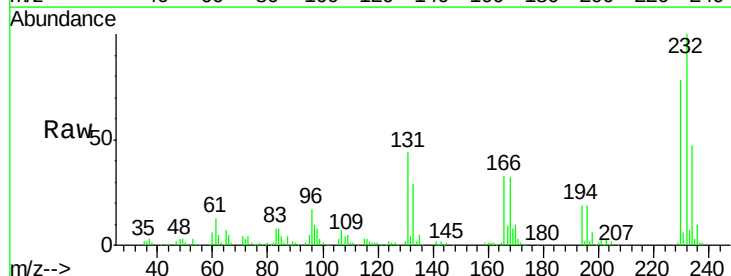
Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

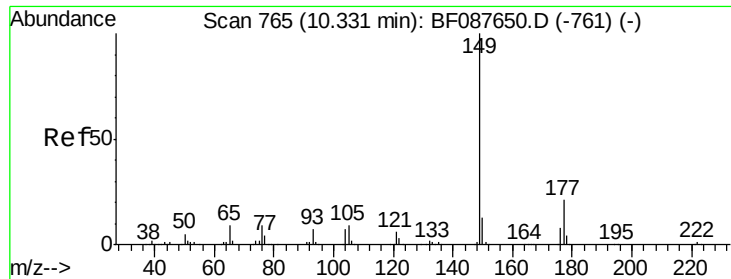
Tgt Ion:166 Resp: 727702
 Ion Ratio Lower Upper
 166 100
 165 98.9 77.8 116.8
 167 13.1 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.77 ng
 RT: 10.23 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion:232 Resp: 188657
 Ion Ratio Lower Upper
 232 100
 131 50.5 0.9 1.3#
 130 2.5 1.5 2.3#
 166 34.6 0.5 0.7#

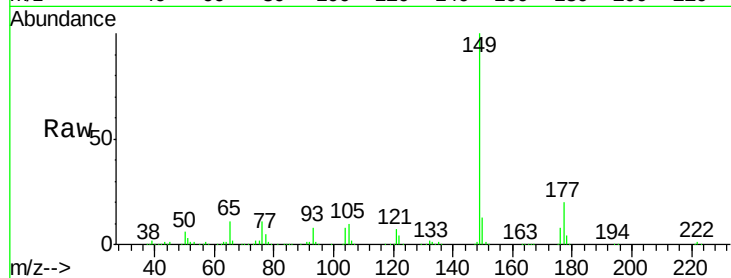




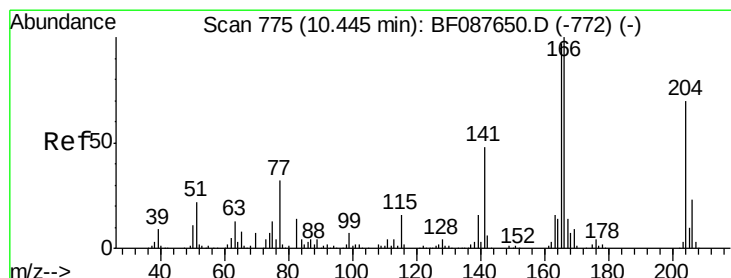
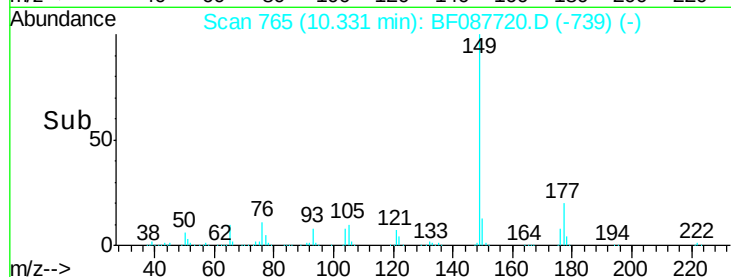
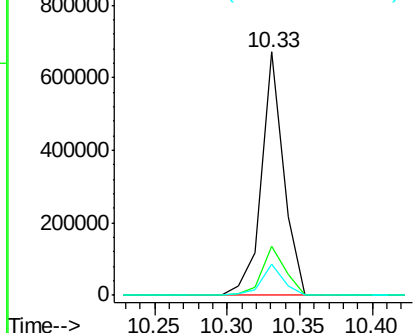
#59
Diethylphthalate
Concen: 41.86 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tgt Ion:149 Resp: 708457
Ion Ratio Lower Upper
149 100
177 20.2 16.9 25.3
150 13.0 10.1 15.1

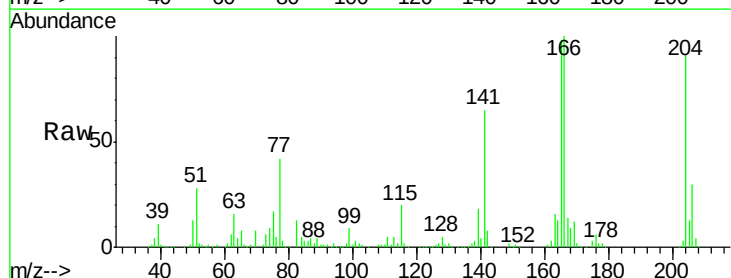


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

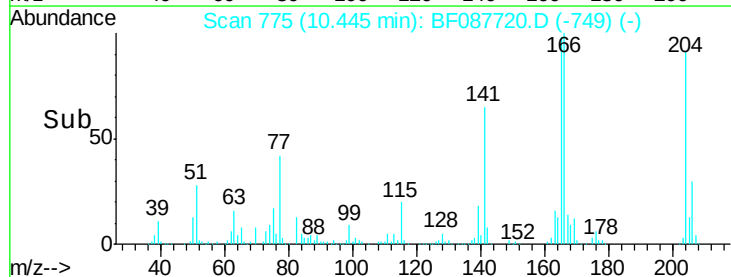
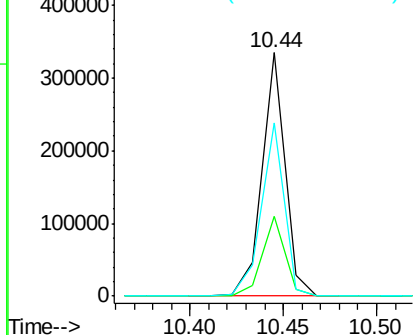


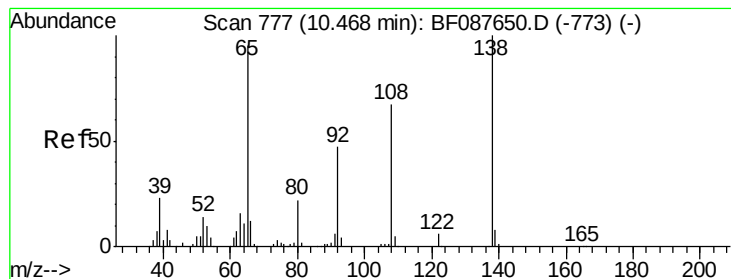
#60
4-Chlorophenyl-phenylether
Concen: 46.92 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion:204 Resp: 283836
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 71.2 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: 47.64 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

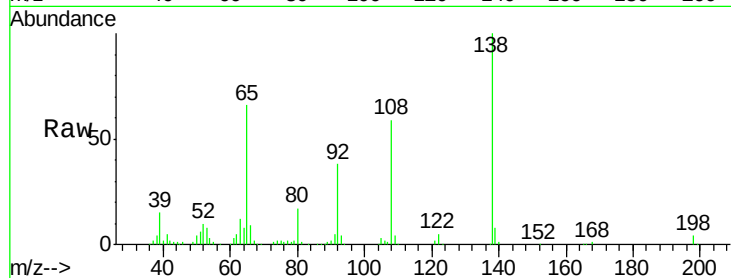
Tgt Ion:138 Resp: 200864

Ion Ratio Lower Upper

138 100

92 37.5 27.3 67.3

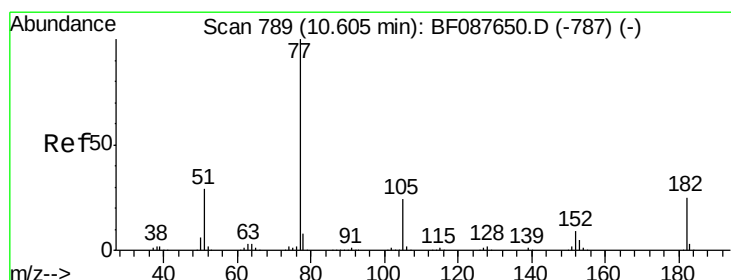
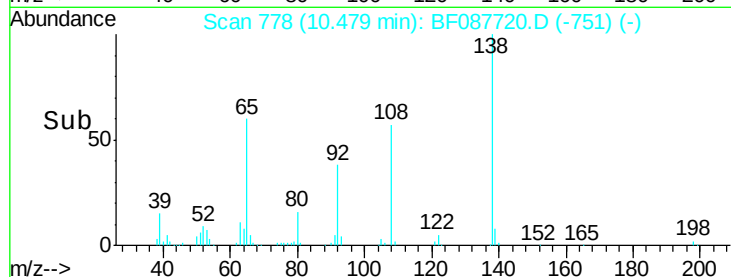
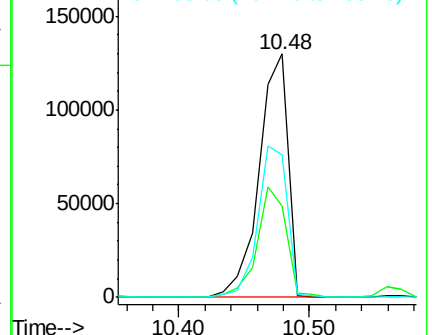
108 58.6 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.07 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Tgt Ion: 77 Resp: 801986

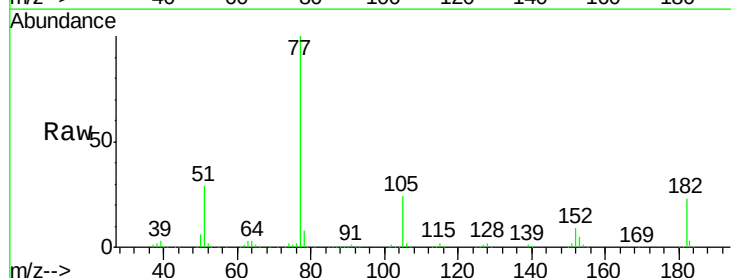
Ion Ratio Lower Upper

77 100

182 23.2 4.4 44.4

105 23.7 3.8 43.8

51 28.7 9.3 49.3

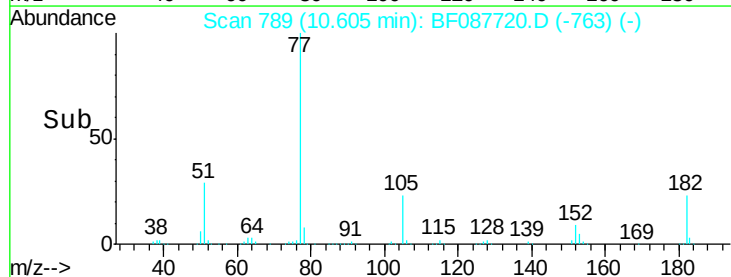
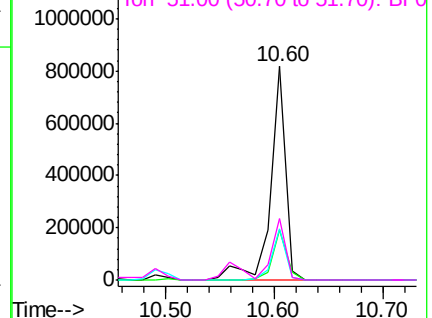


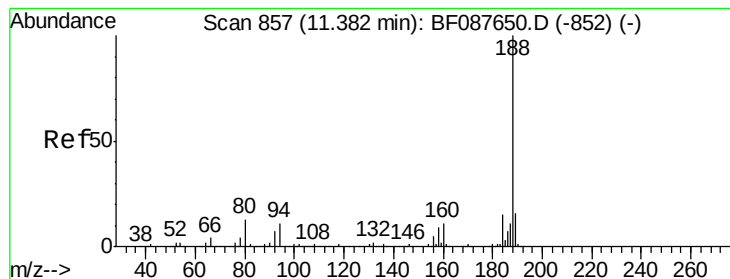
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

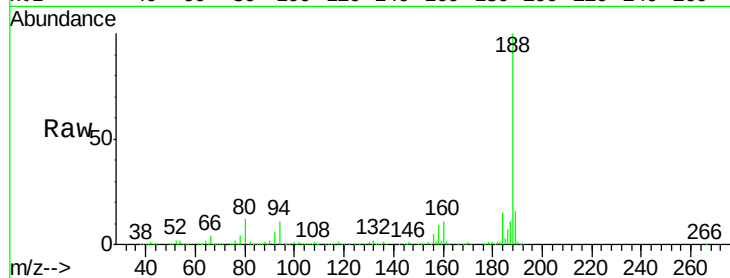
Tgt Ion:188 Resp: 416375

Ion Ratio Lower Upper

188 100

94 11.5 9.0 13.6

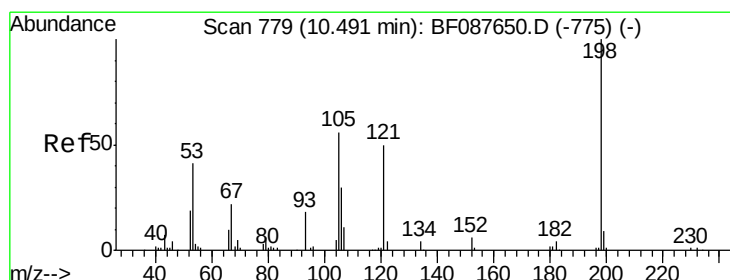
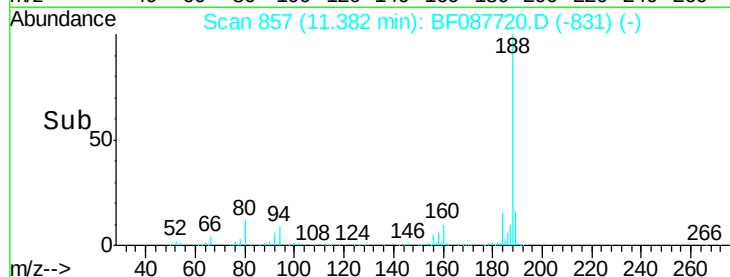
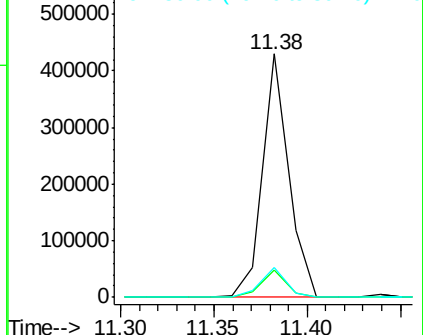
80 12.2 10.0 15.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.00 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

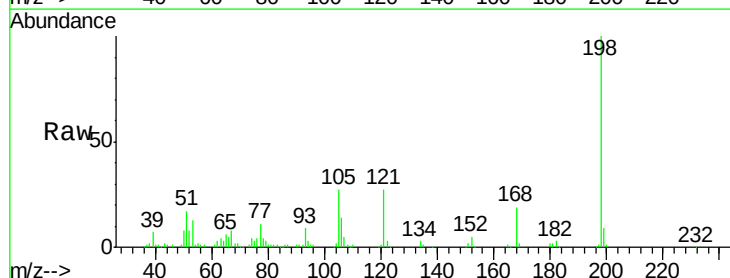
Tgt Ion:198 Resp: 106266

Ion Ratio Lower Upper

198 100

51 17.0 39.6 79.6#

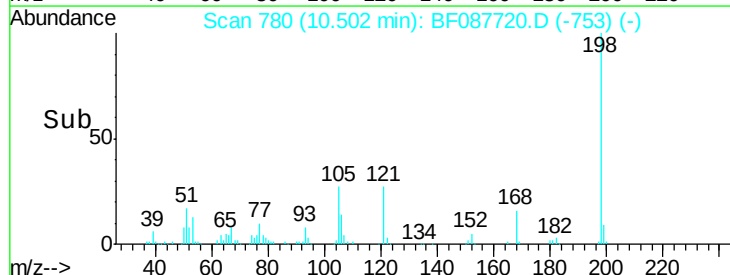
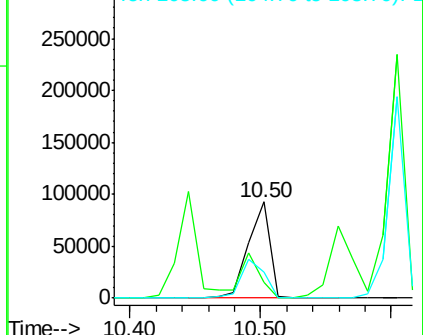
105 26.6 36.6 76.6#

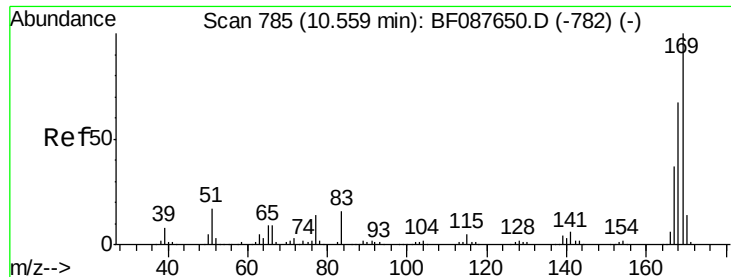


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

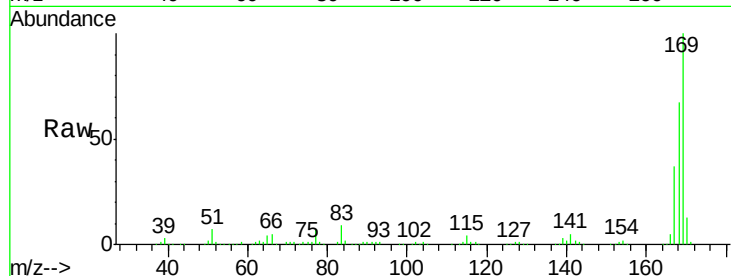




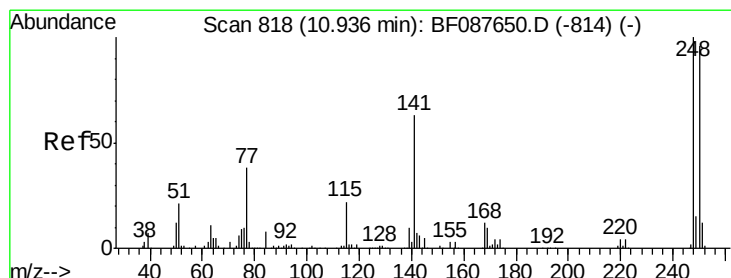
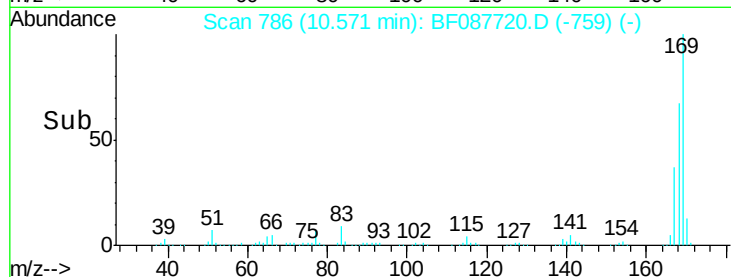
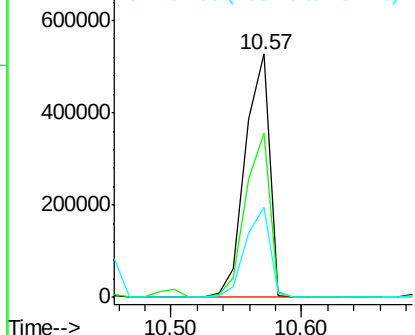
#65
 n-Nitrosodiphenylamine
 Concen: 49.72 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tgt Ion:169 Resp: 678089
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.4 80.0
 167 37.0 29.4 44.0

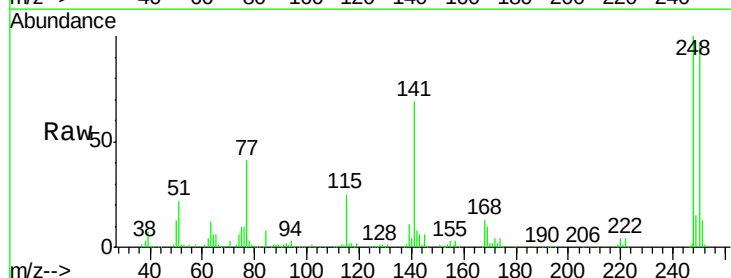


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

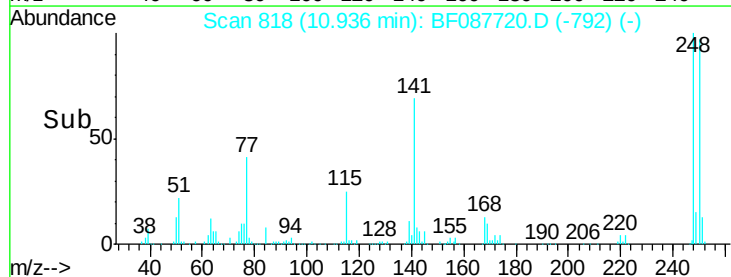
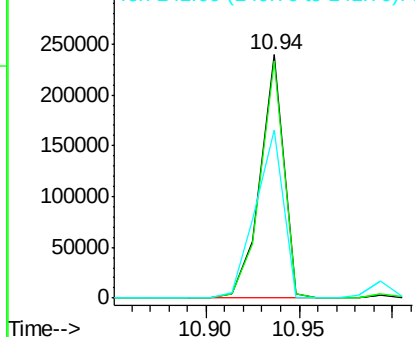


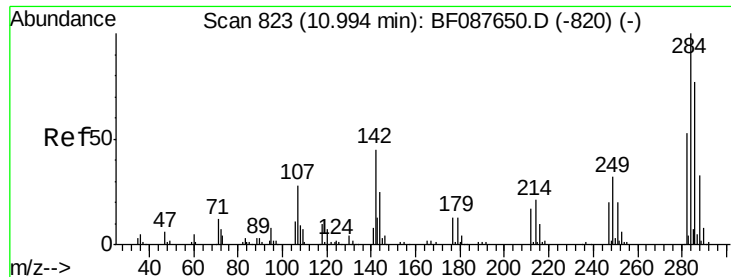
#66
 4-Bromophenyl-phenylether
 Concen: 50.53 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion:248 Resp: 208636
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.1 115.7
 141 69.1 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

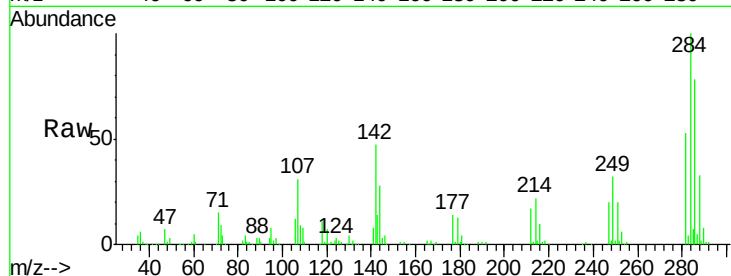




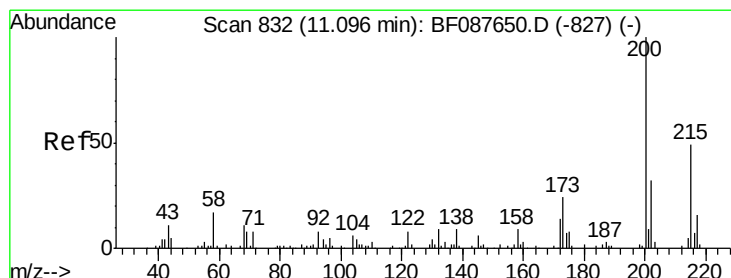
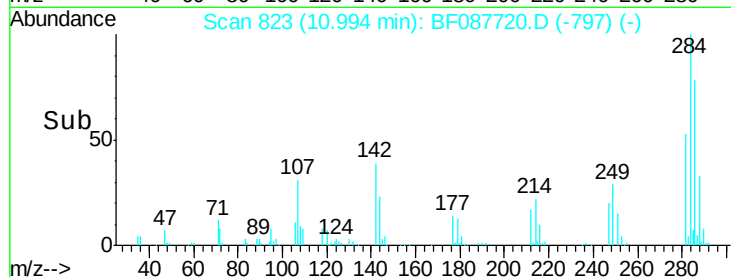
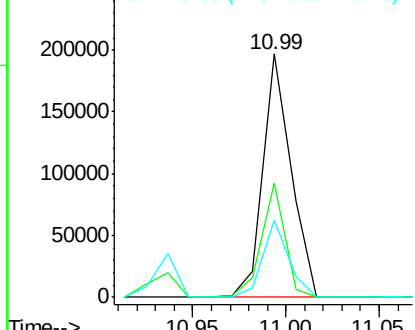
#67
Hexachlorobenzene
Concen: 44.18 ng
RT: 10.99 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tgt Ion:284 Resp: 203961
Ion Ratio Lower Upper
284 100
142 47.0 35.8 53.8
249 31.9 25.8 38.6

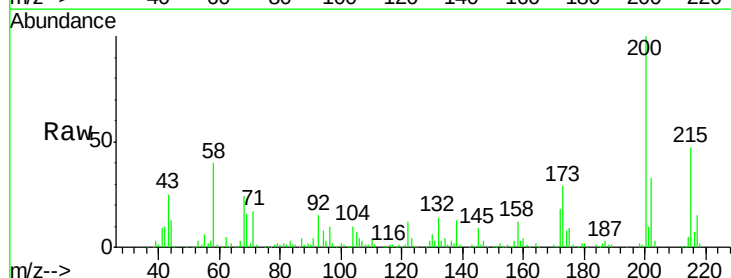


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

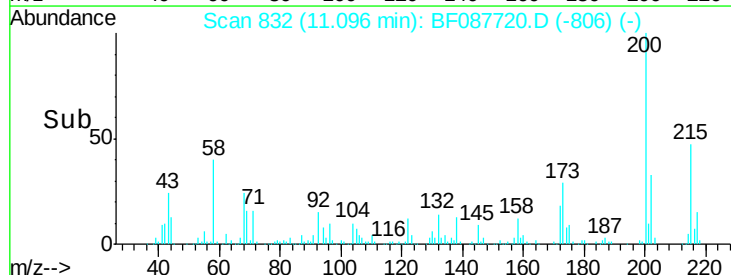
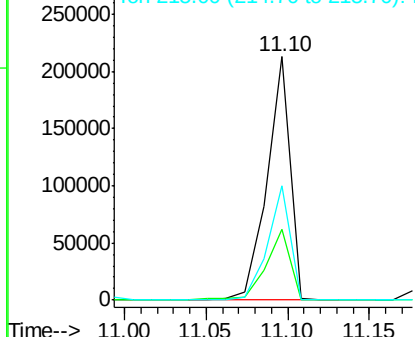


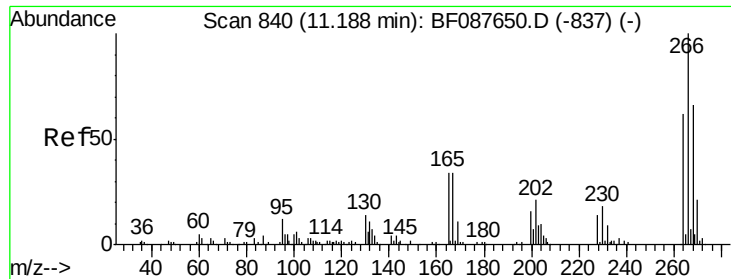
#68
Atrazine
Concen: 51.75 ng
RT: 11.10 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF087720.D
Acq: 5 Jun 2016 21:22

Tgt Ion:200 Resp: 209040
Ion Ratio Lower Upper
200 100
173 29.2 4.0 44.0
215 47.1 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

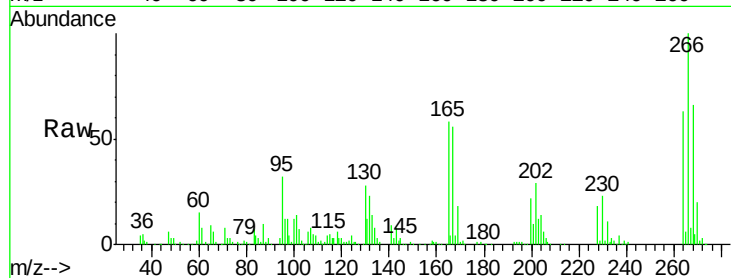




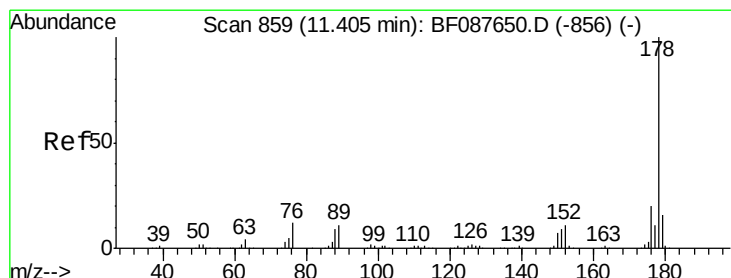
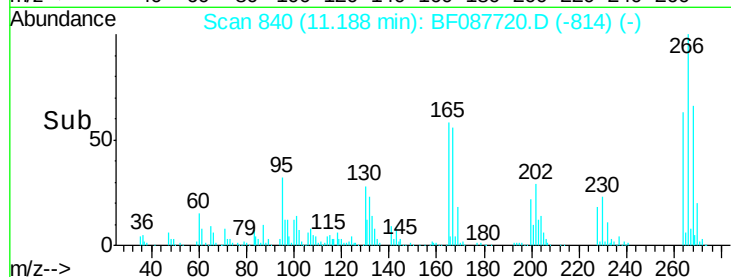
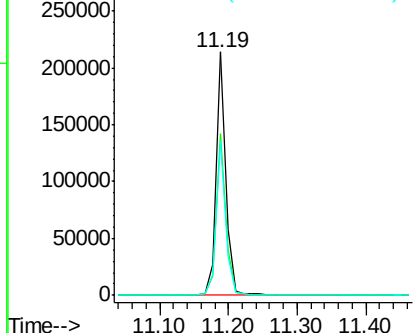
#69
 Pentachlorophenol
 Concen: 78.02 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tgt Ion: 266 Resp: 214023
 Ion Ratio Lower Upper
 266 100
 268 66.4 52.8 79.2
 264 63.2 49.6 74.4

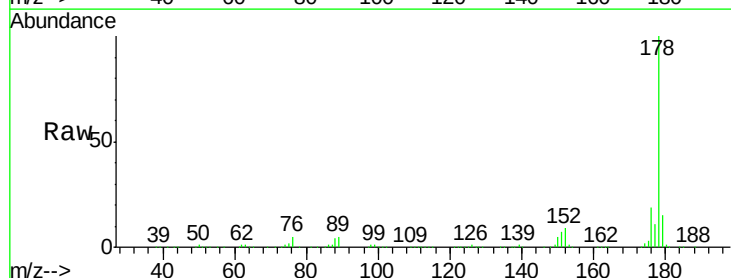


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

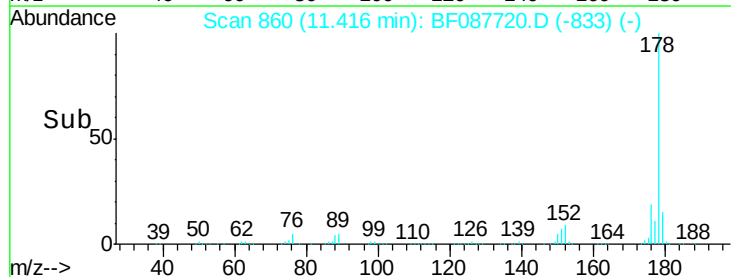
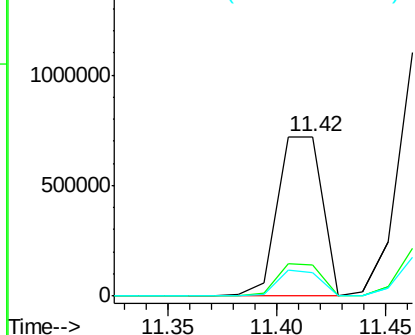


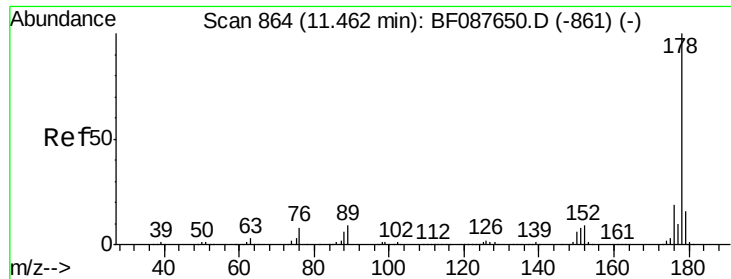
#70
 Phenanthrene
 Concen: 45.91 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion: 178 Resp: 1036536
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.1 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

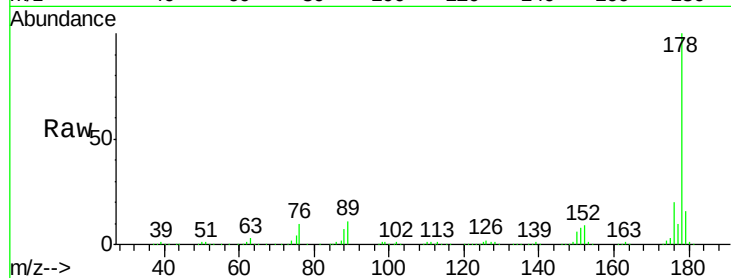




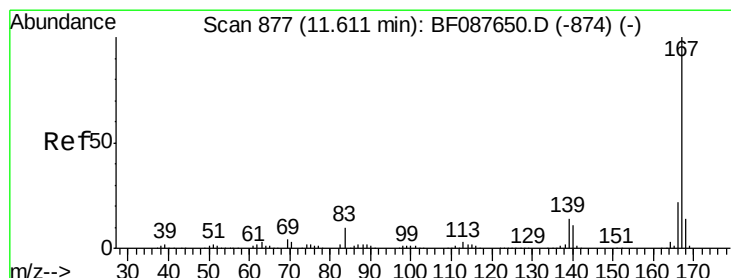
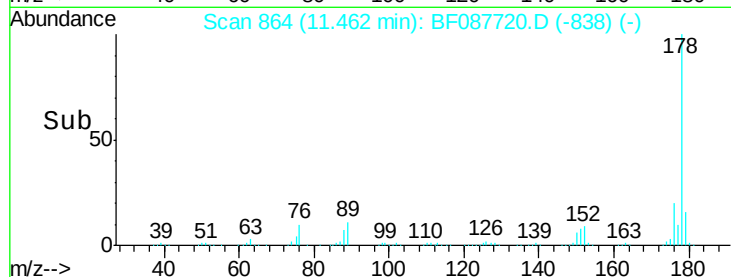
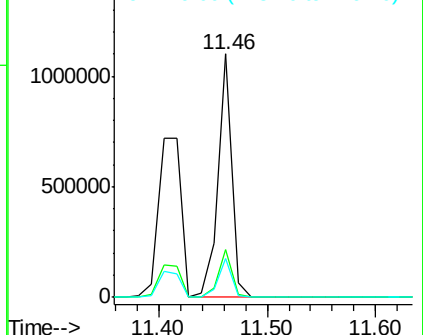
#71
 Anthracene
 Concen: 43.39 ng
 RT: 11.46 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampled :
 SB-2MSD

Tgt Ion:178 Resp: 981544
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.2 12.8 19.2

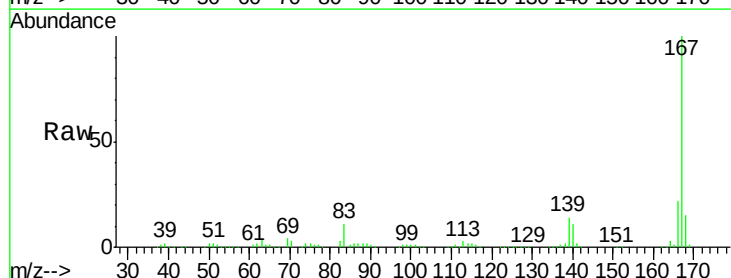


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

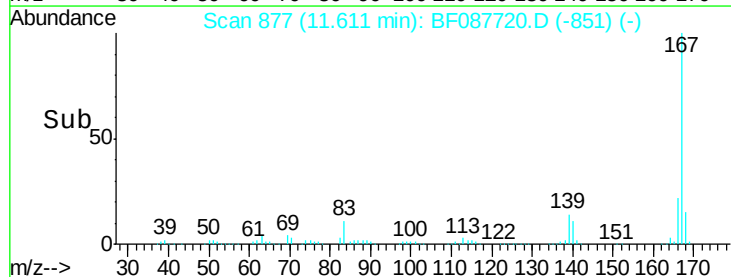
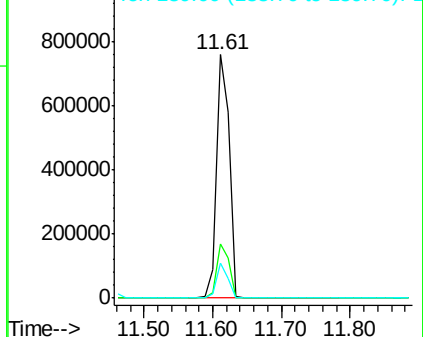


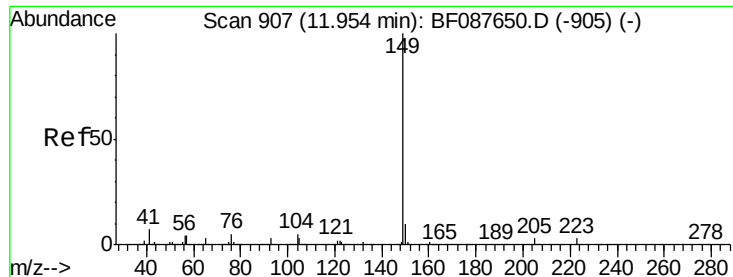
#72
 Carbazole
 Concen: 46.34 ng
 RT: 11.61 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion:167 Resp: 992396
 Ion Ratio Lower Upper
 167 100
 166 22.3 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: 49.88 ng

RT: 11.95 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

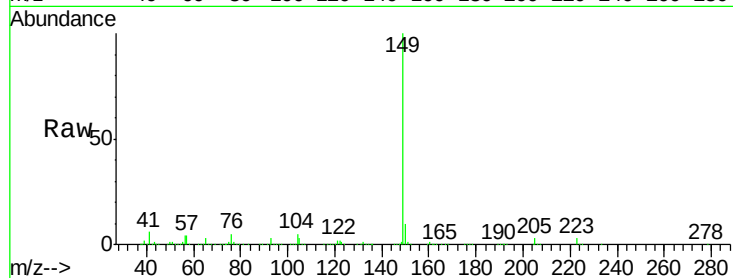
Tgt Ion:149 Resp: 1145026

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

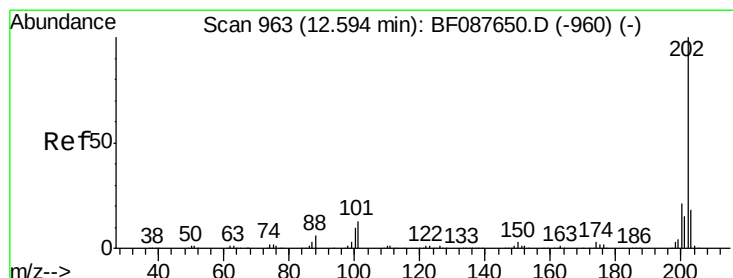
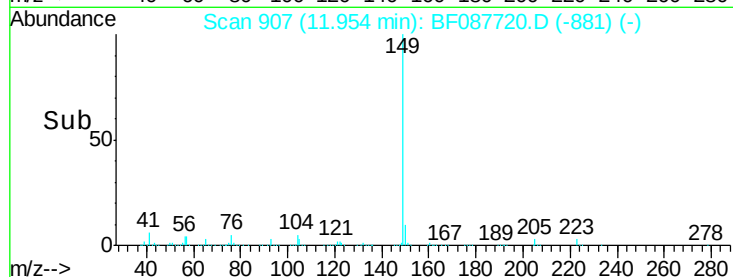
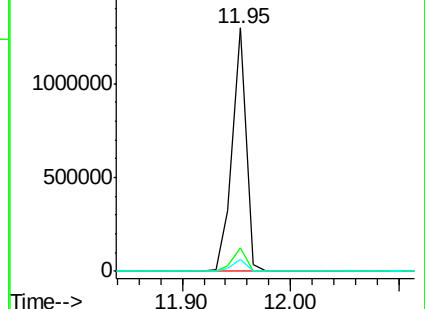
104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.22 ng

RT: 12.59 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

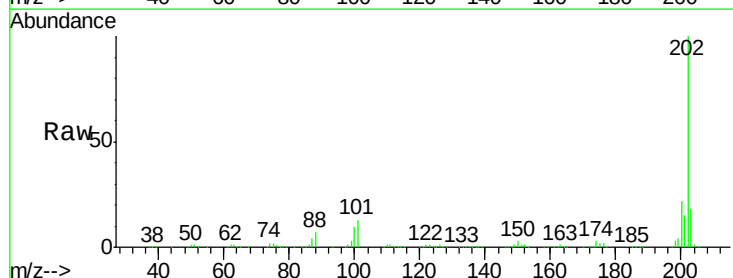
Tgt Ion:202 Resp: 982384

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.1

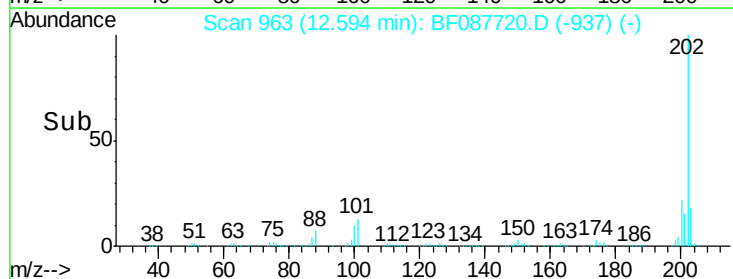
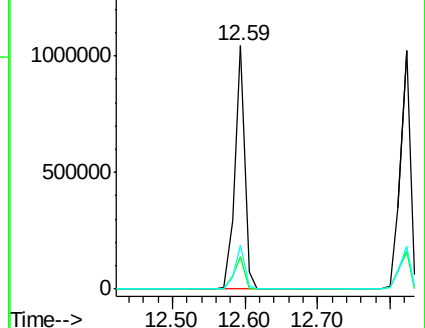
203 18.3 0.0 38.1

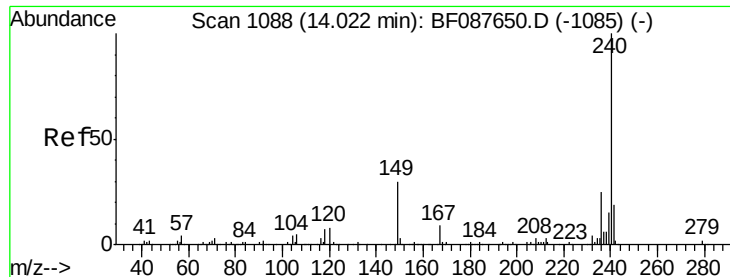


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

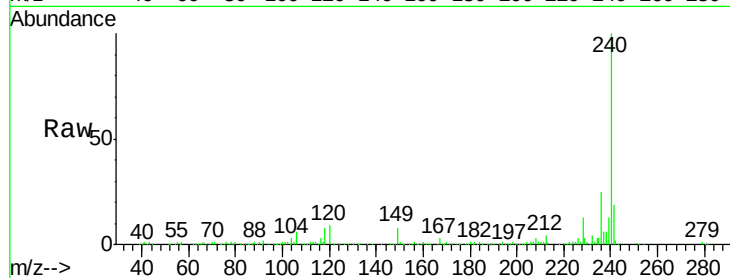
Tgt Ion:240 Resp: 296256

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

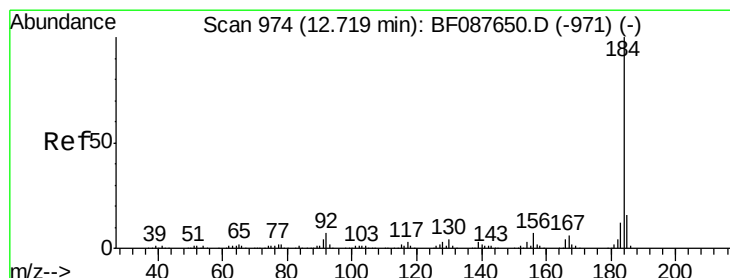
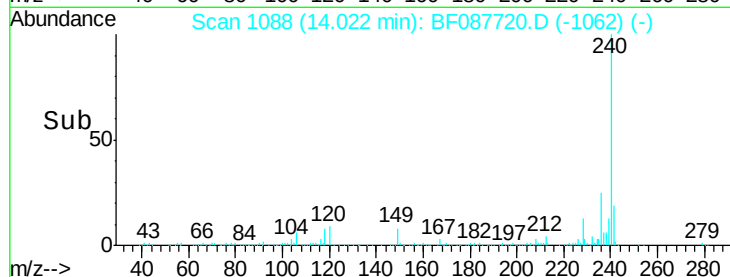
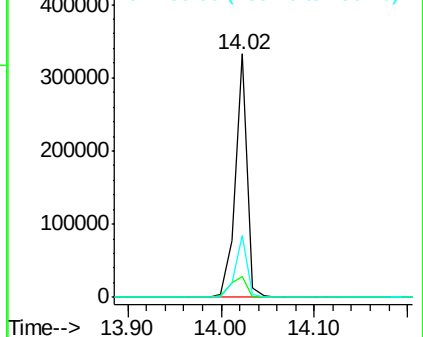
236 25.4 20.2 30.2



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: 16.87 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

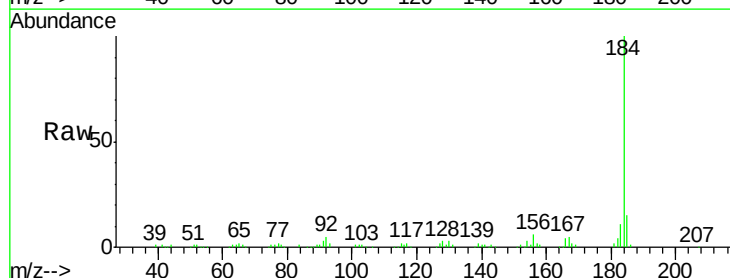
Tgt Ion:184 Resp: 197095

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

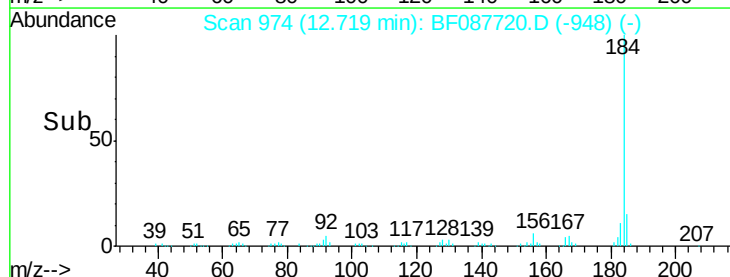
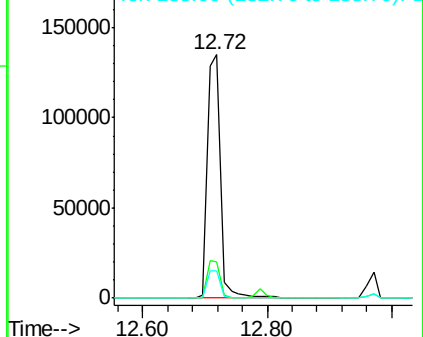
183 11.2 9.3 13.9

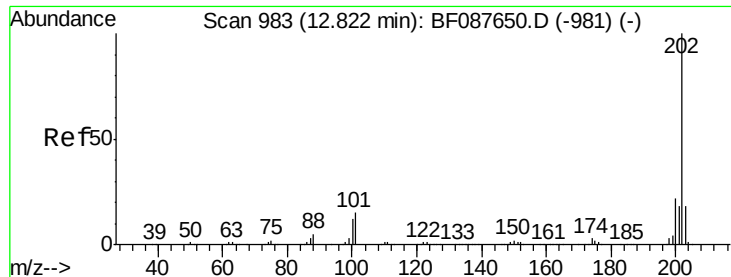


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

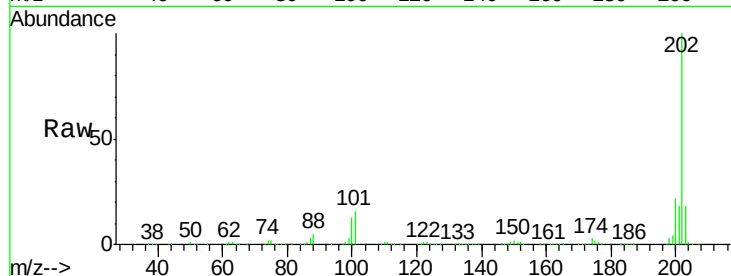




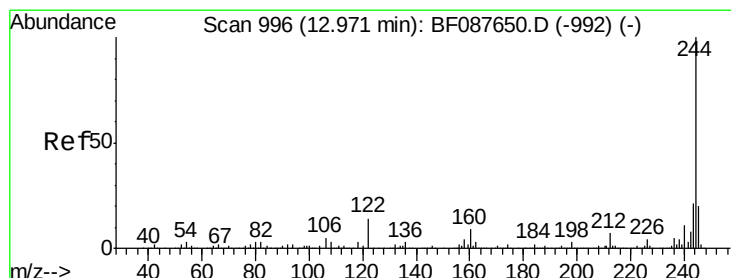
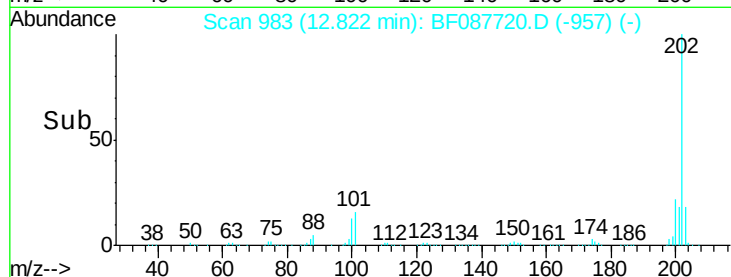
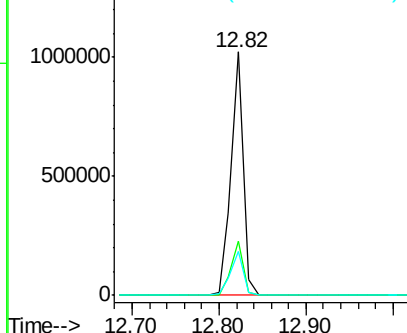
#77
 Pyrene
 Concen: 47.34 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.0	14.5	21.7

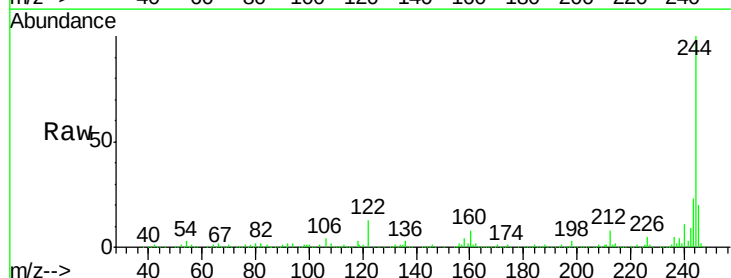


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

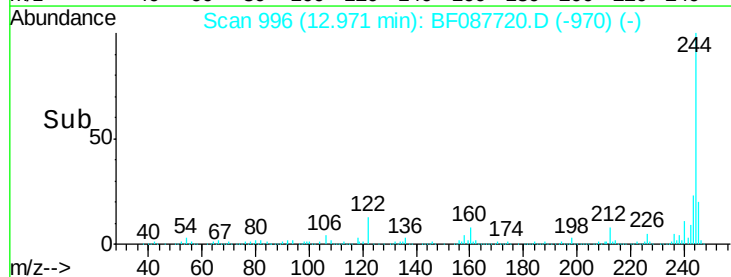
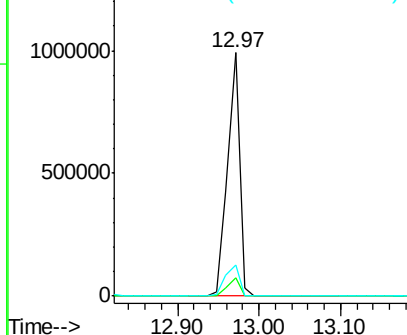


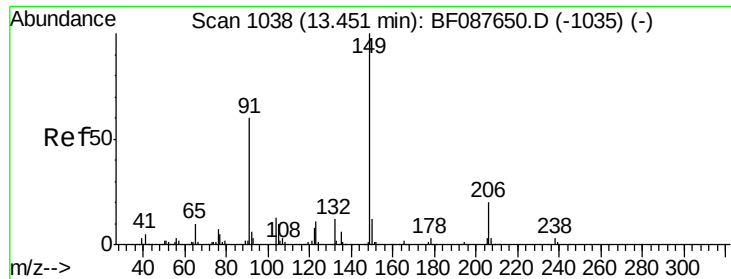
#78
 Terphenyl-d14
 Concen: 83.39 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.6	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: 56.36 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

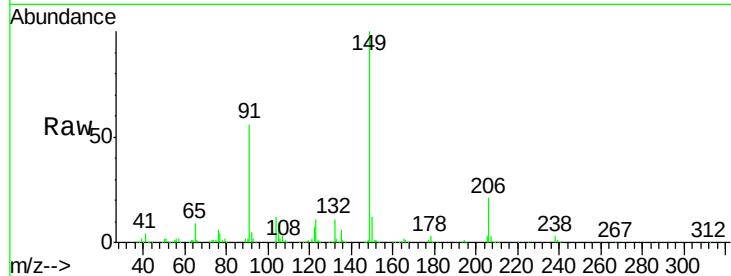
Tgt Ion:149 Resp: 506008

Ion Ratio Lower Upper

149 100

91 56.4 48.0 72.0

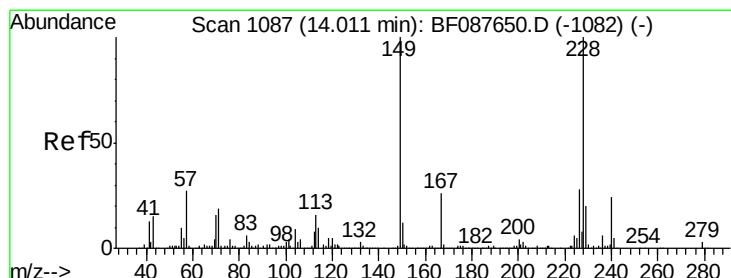
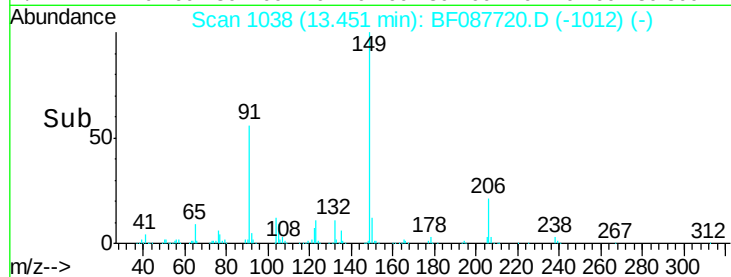
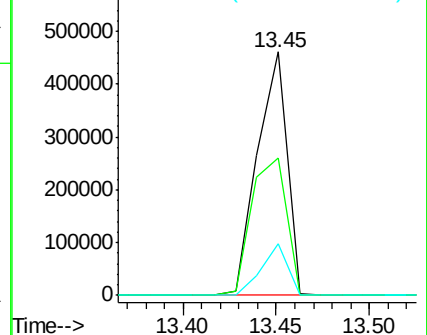
206 21.2 16.0 24.0



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: 43.04 ng

RT: 14.01 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

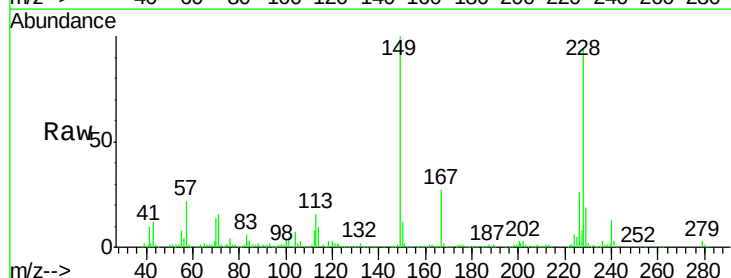
Tgt Ion:228 Resp: 735897

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

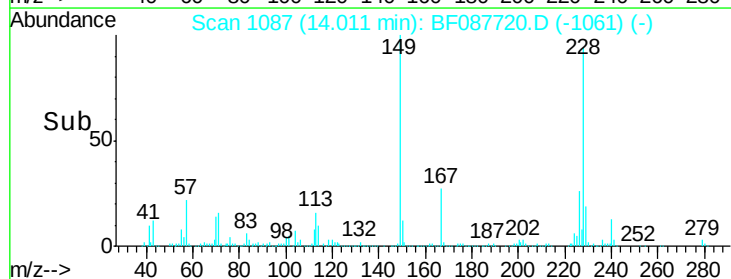
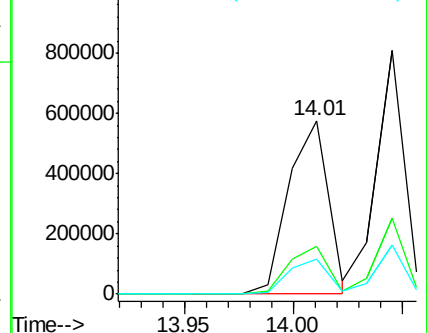
229 19.9 16.0 24.0

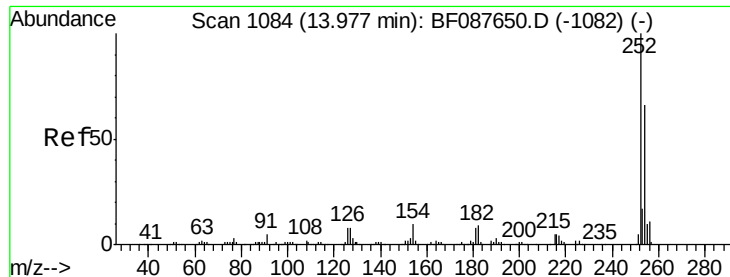


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

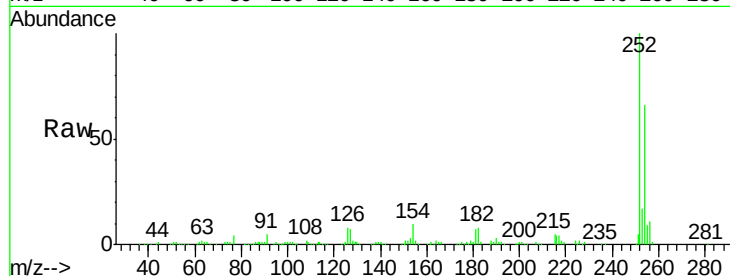




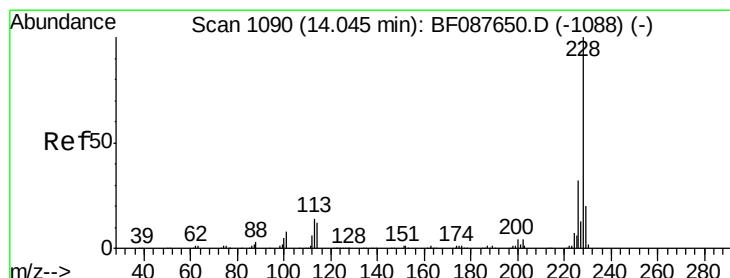
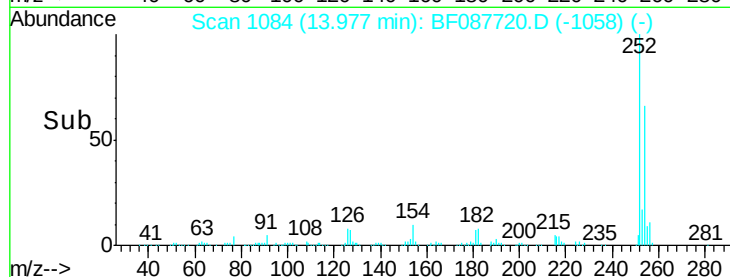
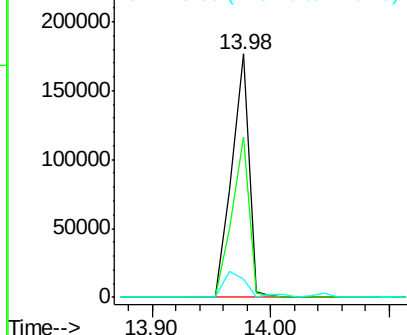
#81
 3,3'-Dichlorobenzidine
 Concen: 37.18 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tgt Ion:252 Resp: 179344
 Ion Ratio Lower Upper
 252 100
 254 66.0 52.6 78.8
 126 7.8 6.2 9.2

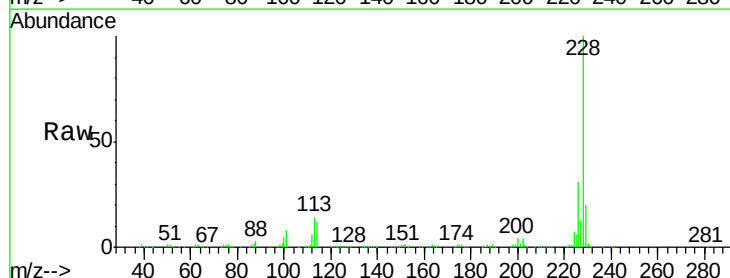


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

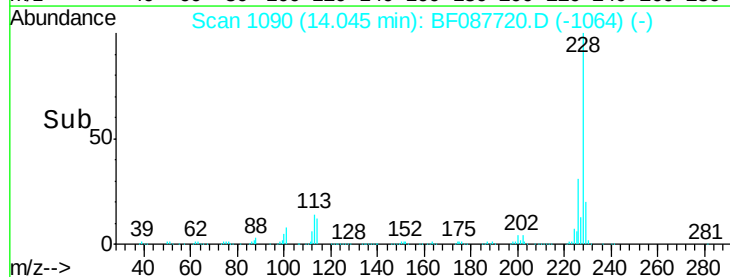
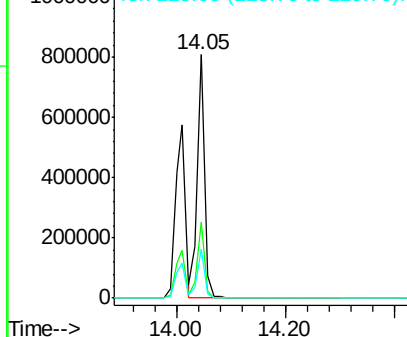


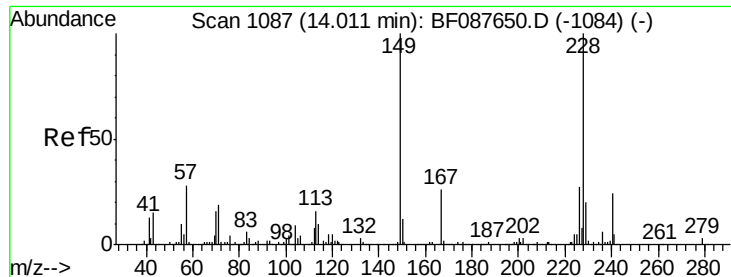
#82
 Chrysene
 Concen: 43.51 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion:228 Resp: 740449
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.2
 229 20.3 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.32 ng

RT: 14.01 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

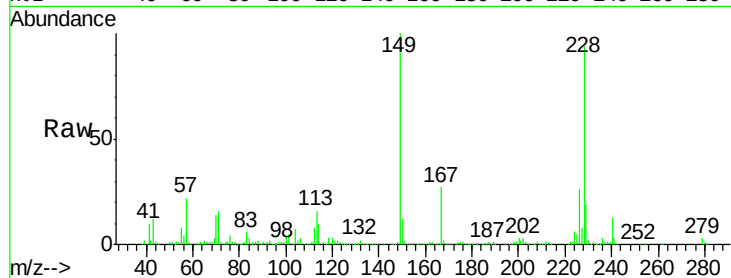
Tgt Ion:149 Resp: 580380

Ion Ratio Lower Upper

149 100

167 26.6 20.5 30.7

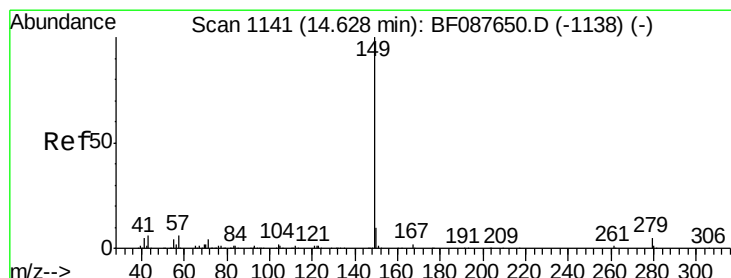
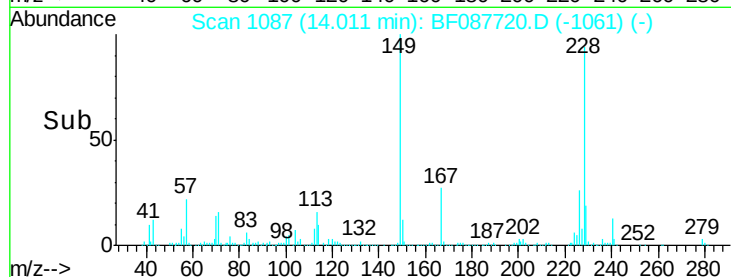
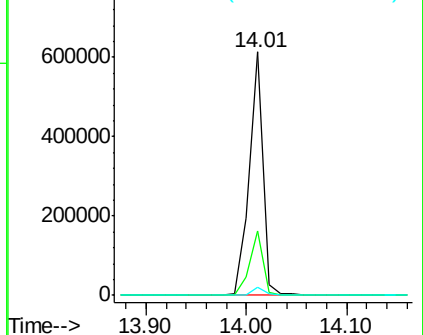
279 3.3 2.0 3.0#



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: 48.60 ng

RT: 14.62 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

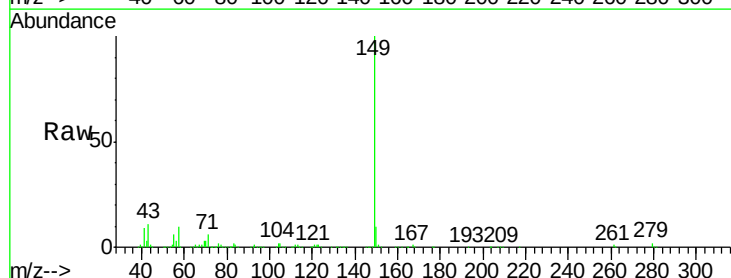
Tgt Ion:149 Resp: 965348

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

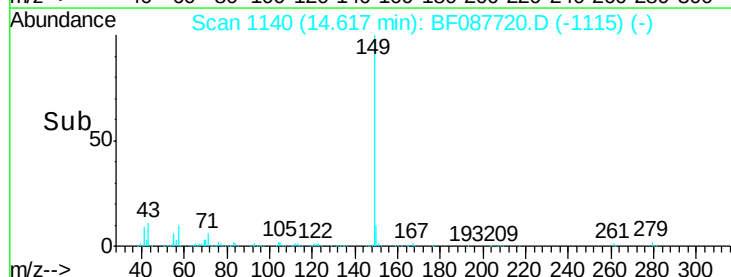
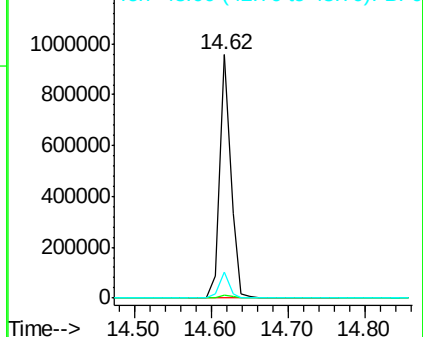
43 9.8 0.0 0.0#

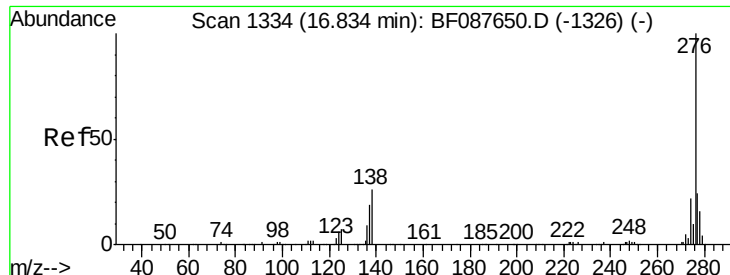


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

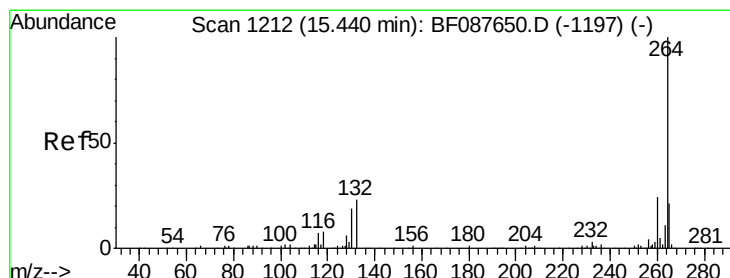
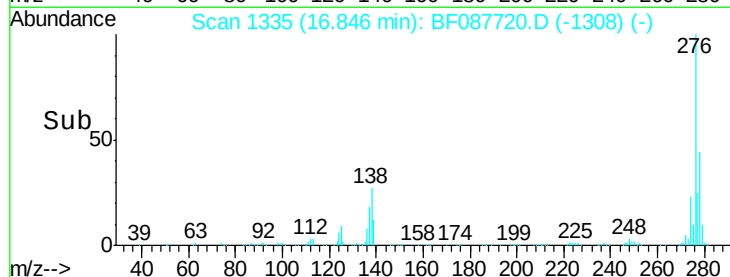
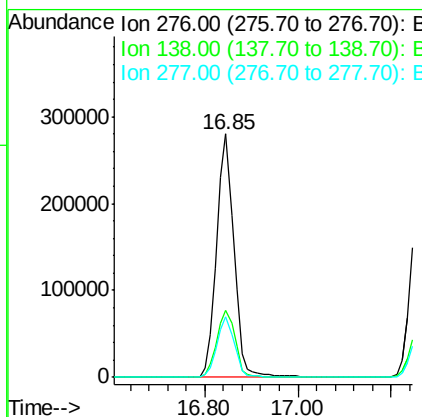
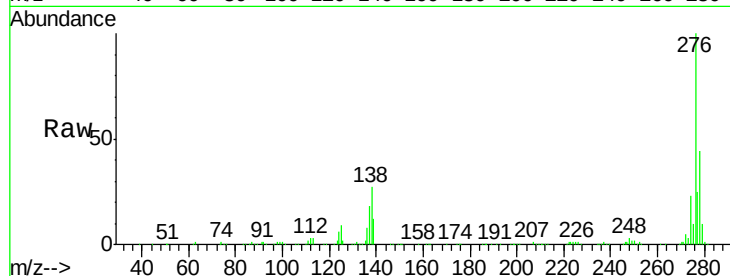




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.41 ng
 RT: 16.85 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

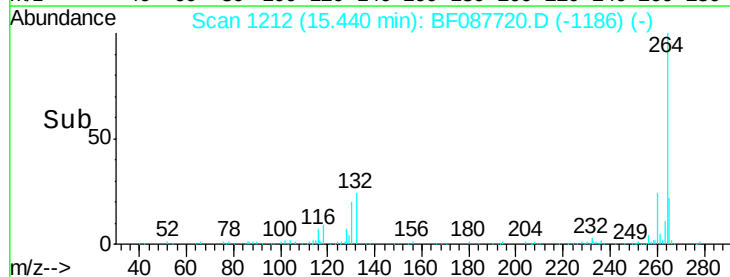
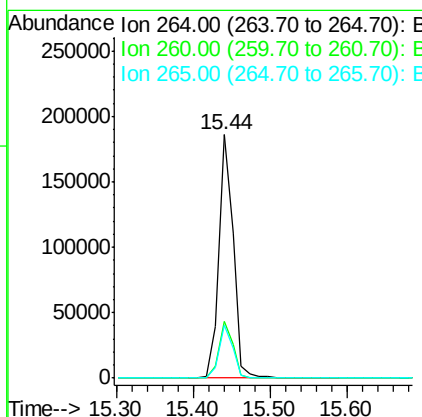
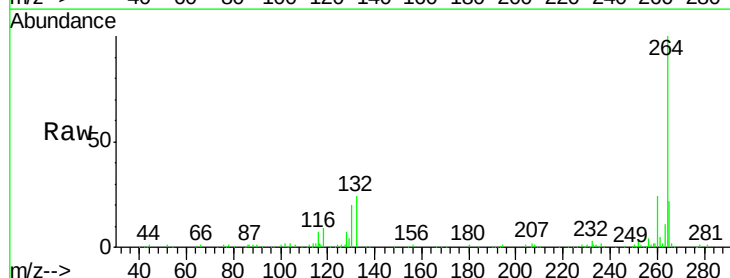
Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

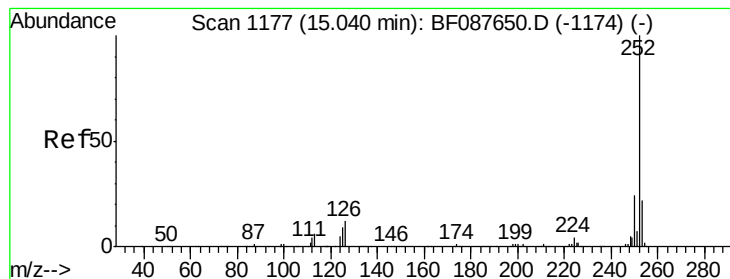
Tgt Ion: 276 Resp: 723163
 Ion Ratio Lower Upper
 276 100
 138 29.5 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF087720.D
 Acq: 5 Jun 2016 21:22

Tgt Ion: 264 Resp: 243310
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.5 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 86.37 ng

RT: 15.06 min Scan# 1179

Delta R.T. 0.02 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

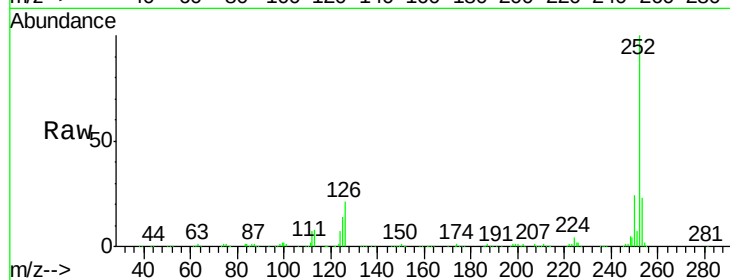
Tgt Ion:252 Resp: 1367012

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

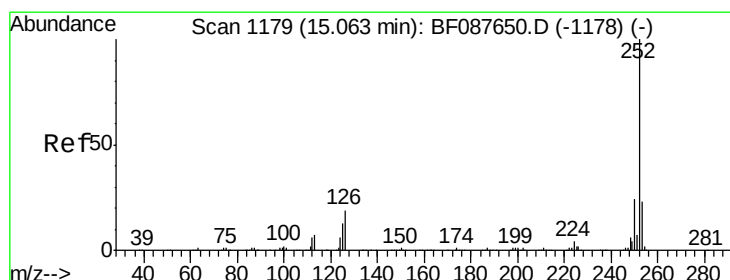
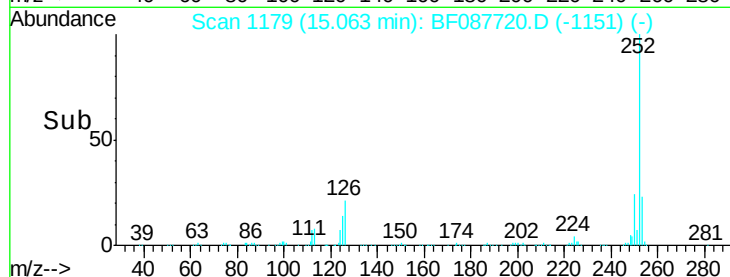
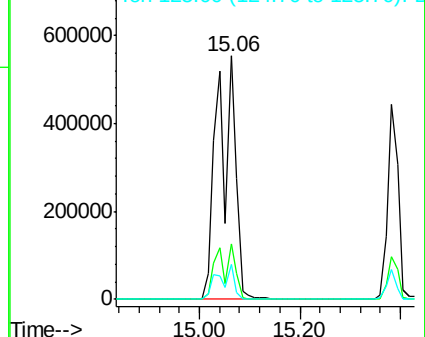
125 14.2 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 103.88 ng

RT: 15.06 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

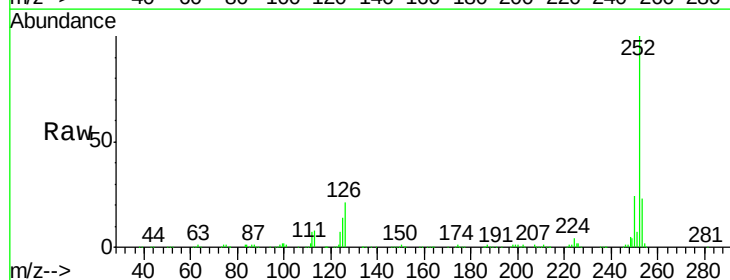
Tgt Ion:252 Resp: 1367953

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

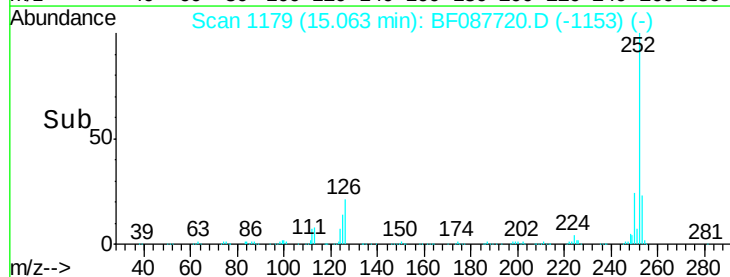
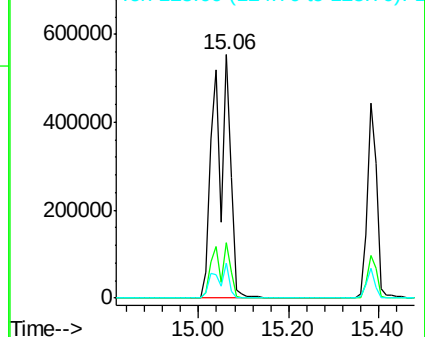
125 14.2 11.2 16.8

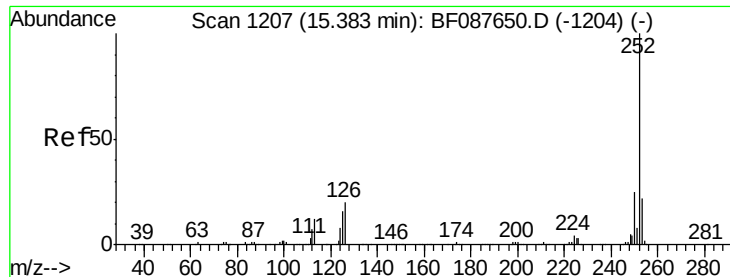


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.16 ng

RT: 15.38 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

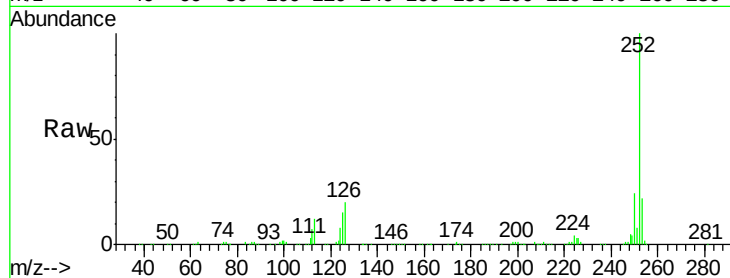
Tgt Ion:252 Resp: 654109

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

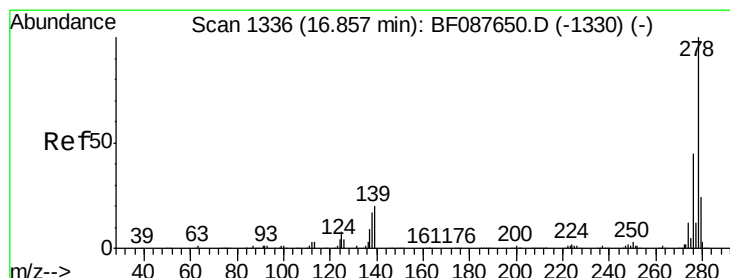
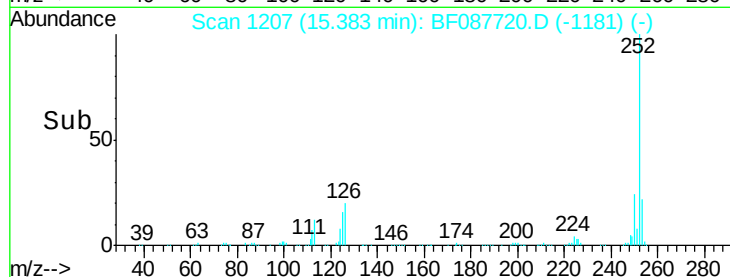
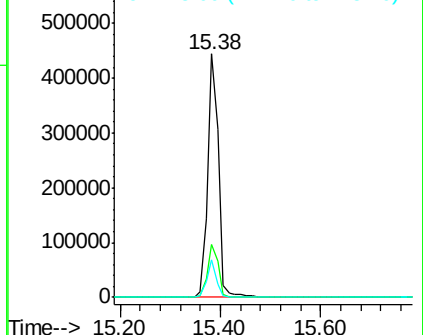
125 15.5 12.5 18.7



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: 52.51 ng

RT: 16.86 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF087720.D

Acq: 5 Jun 2016 21:22

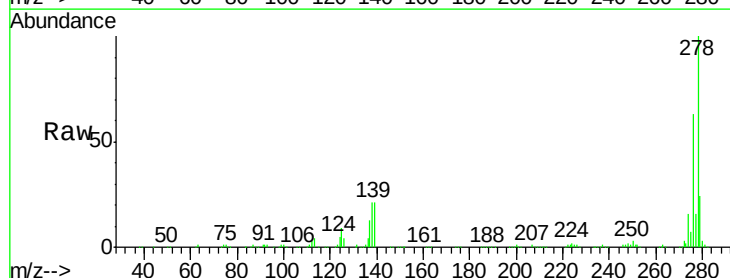
Tgt Ion:278 Resp: 594550

Ion Ratio Lower Upper

278 100

139 20.8 15.7 23.5

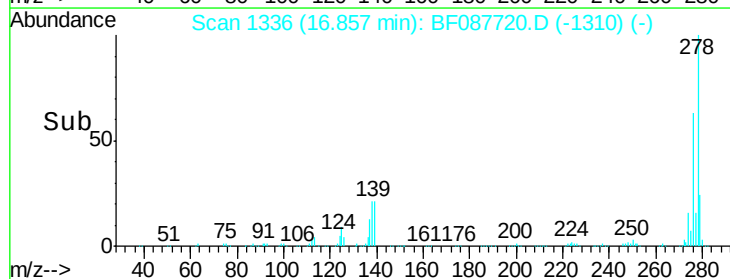
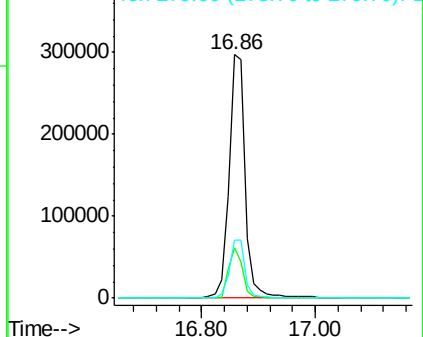
279 24.1 19.4 29.2

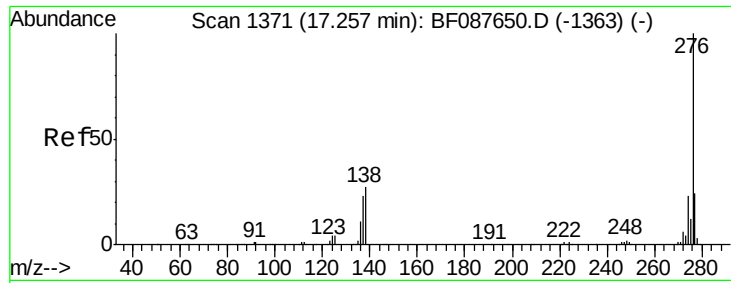


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.68 ng

RT: 17.27 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BF087720.D

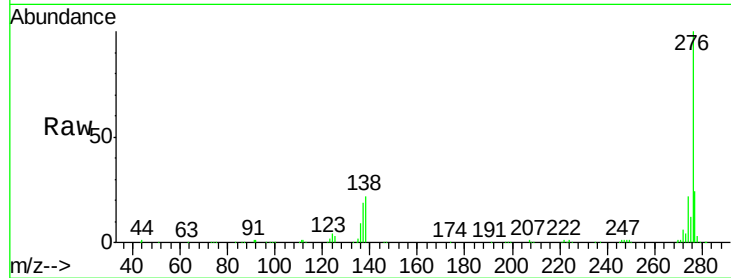
Acq: 5 Jun 2016 21:22

Instrument :

BNA_F

ClientSampleId :

SB-2MSD



Tgt Ion: 276 Resp: 601742

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 22.3 21.4 32.2

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

