

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
 Data File : BF082553.D
 Acq On : 27 Oct 2015 18:19
 Operator : UM/IZ
 Sample : G4157-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Quant Time: Oct 28 00:02:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	80332	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	314883	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	152329	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	285445	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	210382	20.00	ng	-0.02
86) Perylene-d12	15.29	264	152933	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	658493	161.82	ng	0.01
7) Phenol-d6	6.38	99	812710	153.24	ng	0.00
23) Nitrobenzene-d5	7.29	82	529677	108.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	185984	163.05	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1116465	116.55	ng	-0.01
78) Terphenyl-d14	12.82	244	967320	132.47	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	75130	36.79	ng	# 87
3) Pyridine	2.95	79	193620	40.67	ng	98
4) n-Nitrosodimethylamine	2.91	42	99206	47.38	ng	91
6) Aniline	6.38	93	183402	27.44	ng	# 90
8) 2-Chlorophenol	6.50	128	245071	51.35	ng	97
9) Benzaldehyde	6.26	77	83116	29.77	ng	94
10) Phenol	6.39	94	272769	45.30	ng	99
11) bis(2-Chloroethyl)ether	6.46	93	218272	45.68	ng	98
12) 1,3-Dichlorobenzene	6.88	146	248539	43.65	ng	99
13) 1,4-Dichlorobenzene	6.73	146	268529	45.84	ng	96
14) 1,2-Dichlorobenzene	6.73	146	270366	49.73	ng	98
15) Benzyl Alcohol	6.87	79	193110	52.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	319036	49.31	ng	# 41
17) 2-Methylphenol	6.99	107	193769	50.62	ng	# 90
18) Hexachloroethane	7.21	117	92854	46.57	ng	91
19) n-Nitroso-di-n-propylamine	7.14	70	182825	52.91	ng	99
20) 3+4-Methylphenols	7.15	107	253575	51.85	ng	94
22) Acetophenone	7.13	105	332240	48.63	ng	# 97
24) Nitrobenzene	7.31	77	244104	44.79	ng	92
25) Isophorone	7.54	82	461308	47.57	ng	95
26) 2-Nitrophenol	7.62	139	132267	50.24	ng	# 76
27) 2,4-Dimethylphenol	7.68	122	217016	50.72	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	297672	52.35	ng	98
29) 2,4-Dichlorophenol	7.87	162	235337	55.14	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	232194	48.11	ng	96
31) Naphthalene	8.02	128	705130	49.00	ng	99
32) Benzoic acid	7.68	122	217016	90.53	ng	# 10
33) 4-Chloroaniline	8.09	127	105773	18.96	ng	99
34) Hexachlorobutadiene	8.14	225	136170	48.78	ng	98
35) Caprolactam	8.47	113	40890	34.47	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	226552	54.59	ng	89
37) 2-Methylnaphthalene	8.72	142	489479	50.35	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	234220	50.94	ng	99
40) Hexachlorocyclopentadiene	8.86	237	96880	73.21	ng	99

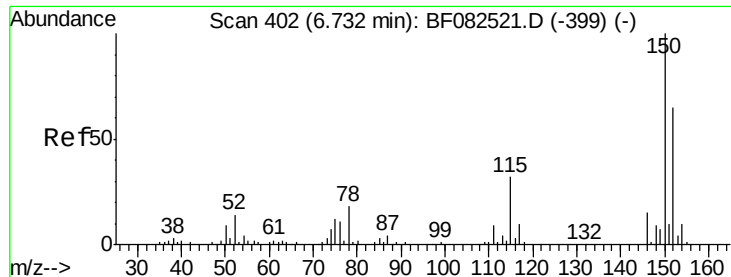
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	143518	50.07	ng	98
43) 2,4,5-Trichlorophenol	9.05	196	150015	49.91	ng #	93
45) 1,1'-Biphenyl	9.18	154	578499	51.03	ng	97
46) 2-Chloronaphthalene	9.21	162	471231	52.74	ng	95
47) 2-Nitroaniline	9.31	65	138933	53.54	ng	95
48) Acenaphthylene	9.62	152	753125	52.63	ng	99
49) Dimethylphthalate	9.50	163	726911	68.58	ng	98
50) 2,6-Dinitrotoluene	9.57	165	118270	50.89	ng #	87
51) Acenaphthene	9.79	154	432137	52.65	ng	99
52) 3-Nitroaniline	9.73	138	86672	34.37	ng #	73
53) 2,4-Dinitrophenol	9.86	184	13858	20.84	ng #	83
54) Dibenzofuran	9.97	168	660530	55.16	ng	94
55) 4-Nitrophenol	9.97	139	384549	197.73	ng #	17
56) 2,4-Dinitrotoluene	9.97	165	161408	57.27	ng #	78
57) Fluorene	10.31	166	519994	52.89	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	119305	51.85	ng	97
59) Diethylphthalate	10.18	149	504459	48.90	ng	96
60) 4-Chlorophenyl-phenylether	10.30	204	255858	55.34	ng #	85
61) 4-Nitroaniline	10.35	138	120411	47.68	ng	99
62) Azobenzene	10.46	77	549515	55.15	ng	85
64) 4,6-Dinitro-2-methylphenol	10.38	198	70473	42.08	ng	93
65) n-Nitrosodiphenylamine	10.42	169	464988	53.84	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	152617	56.97	ng #	76
67) Hexachlorobenzene	10.85	284	152712	53.45	ng #	81
68) Atrazine	10.96	200	145959	54.59	ng	93
69) Pentachlorophenol	11.05	266	78971	68.88	ng	98
70) Phenanthrene	11.27	178	803571	54.70	ng	100
71) Anthracene	11.31	178	774760	52.37	ng	99
72) Carbazole	11.49	167	685113	52.52	ng	98
73) Di-n-butylphthalate	11.81	149	900015	57.84	ng	99
74) Fluoranthene	12.46	202	810755	53.77	ng	94
76) Benzidine	12.58	184	174504	30.23	ng	98
77) Pyrene	12.69	202	804481	62.17	ng	98
79) Butylbenzylphthalate	13.30	149	346462	63.68	ng #	75
80) Benzo(a)anthracene	13.88	228	603965	53.55	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	124552	31.85	ng #	98
82) Chrysene	13.91	228	592689	55.63	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	414168	56.84	ng #	96
84) Di-n-octyl phthalate	14.47	149	574571	47.78	ng	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	460467	47.04	ng	98
87) Benzo(b)fluoranthene	14.93	252	932769	102.70	ng	100
88) Benzo(k)fluoranthene	14.93	252	933490	126.08	ng #	97
89) Benzo(a)pyrene	15.24	252	435194	55.31	ng #	97
90) Dibenzo(a,h)anthracene	16.65	278	397804	60.43	ng	99
91) Benzo(g,h,i)perylene	17.05	276	408969	62.79	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.02 min

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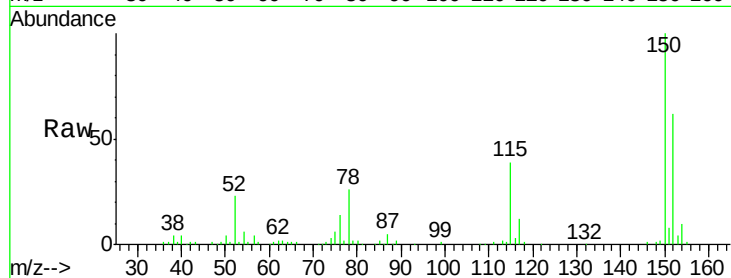
Tgt Ion:152 Resp: 80332

Ion Ratio Lower Upper

152 100

150 161.8 123.4 185.0

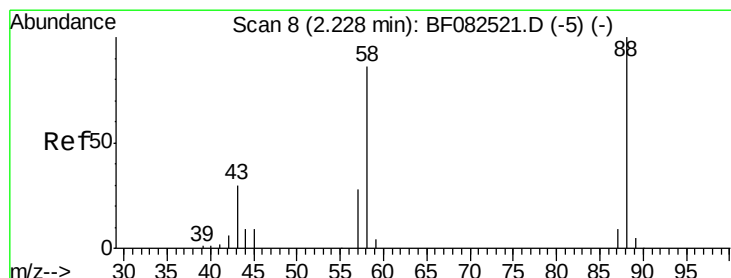
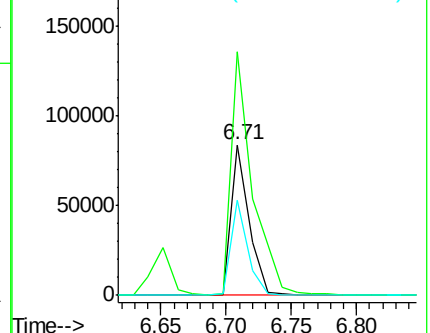
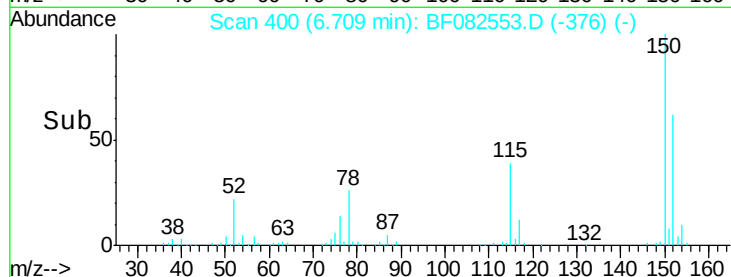
115 62.8 39.0 58.4#



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: 36.79 ng

RT: 2.26 min Scan# 11

Delta R.T. 0.03 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

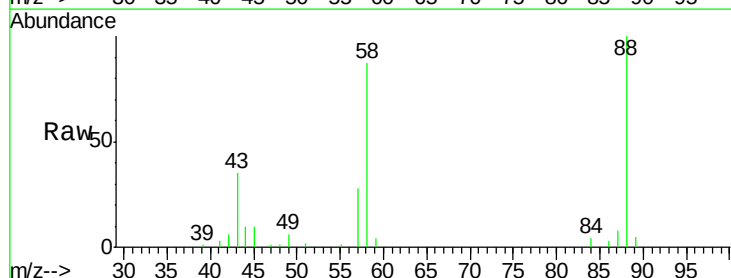
Tgt Ion: 88 Resp: 75130

Ion Ratio Lower Upper

88 100

58 90.1 63.0 94.4

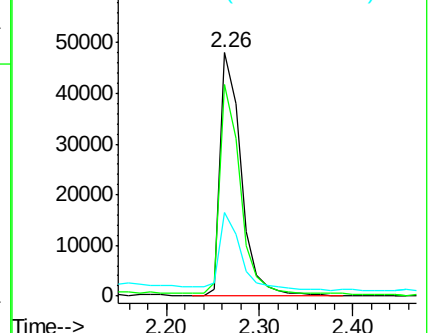
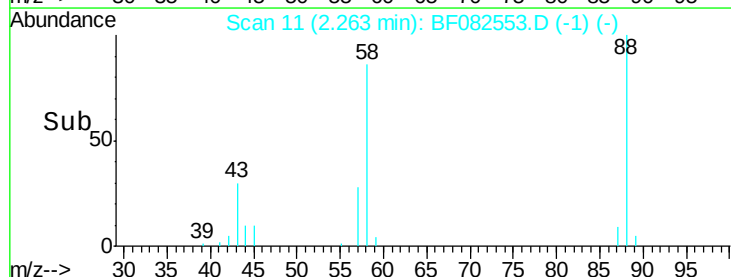
43 34.1 22.5 33.7#

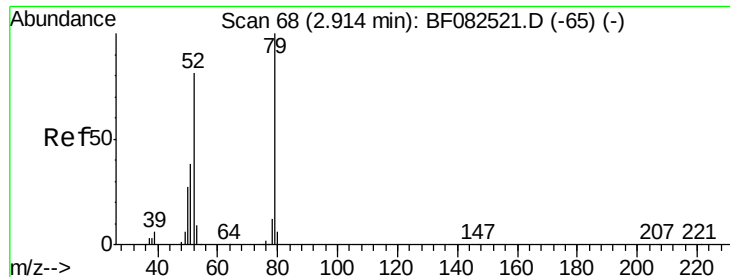


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.67 ng

RT: 2.95 min Scan# 71

Delta R.T. 0.03 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

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ClientSampleId :

SB-1MS

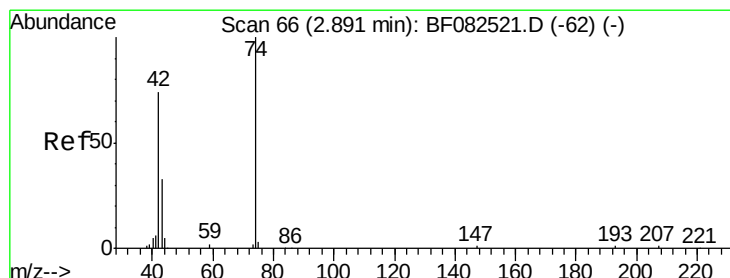
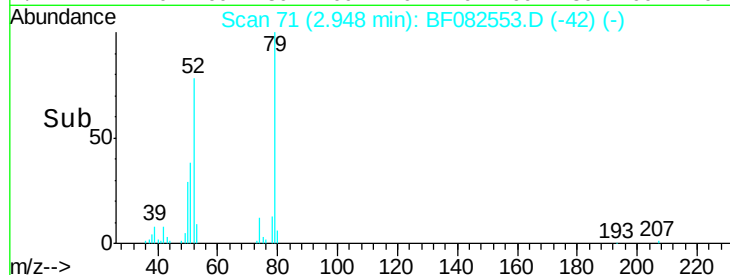
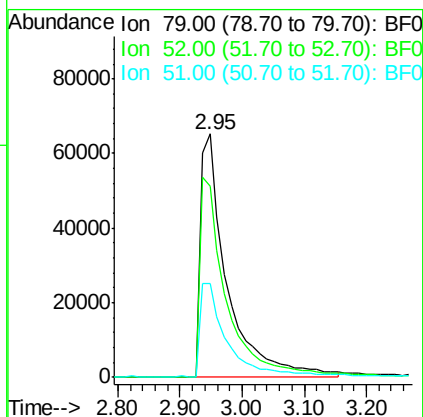
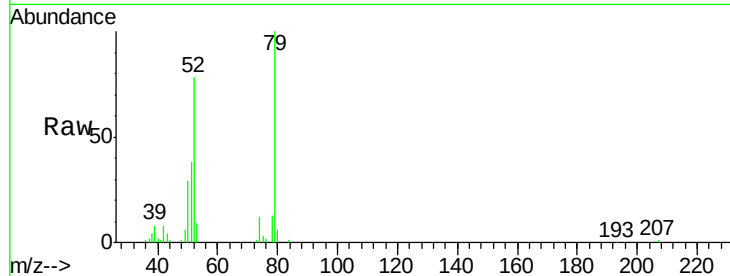
Tgt Ion: 79 Resp: 193620

Ion Ratio Lower Upper

79 100

52 78.4 64.4 96.6

51 38.3 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 47.38 ng

RT: 2.91 min Scan# 68

Delta R.T. 0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

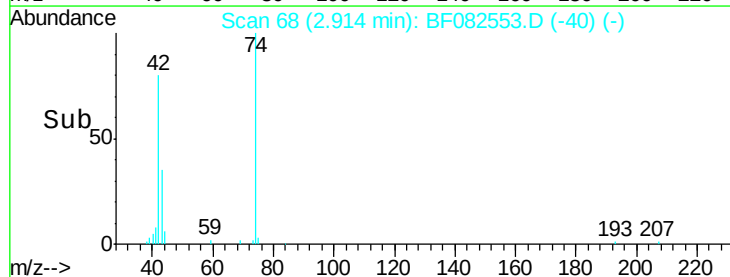
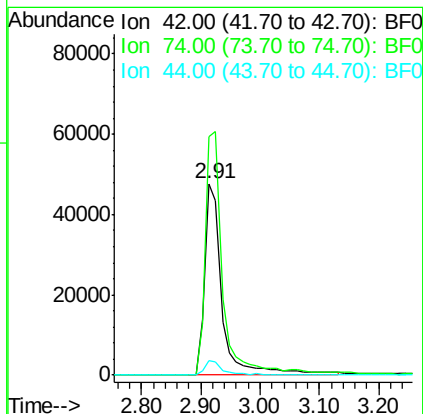
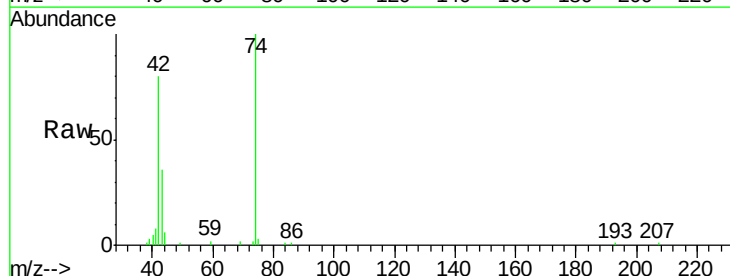
Tgt Ion: 42 Resp: 99206

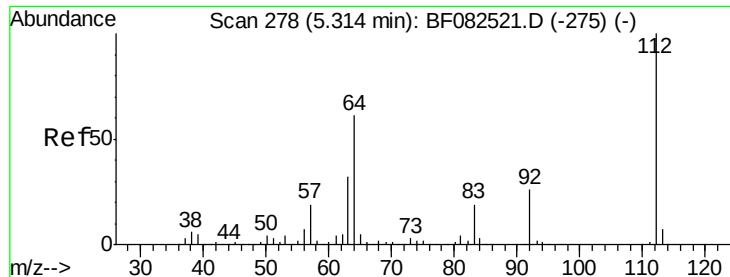
Ion Ratio Lower Upper

42 100

74 124.4 108.3 162.5

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 161.82 ng

RT: 5.33 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

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ClientSampleId :

SB-1MS

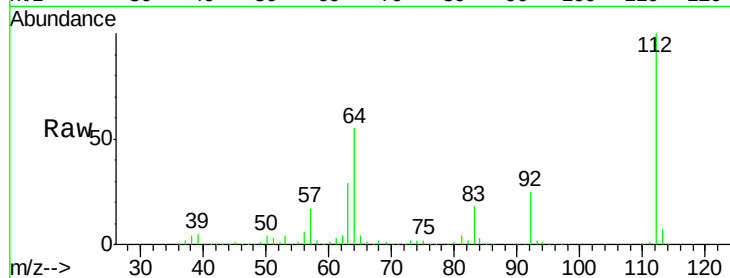
Tgt Ion: 112 Resp: 658493

Ion Ratio Lower Upper

112 100

64 55.1 49.0 73.4

63 28.7 25.8 38.6



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

5.33

400000

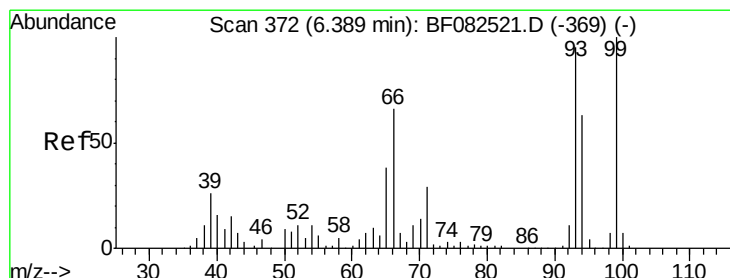
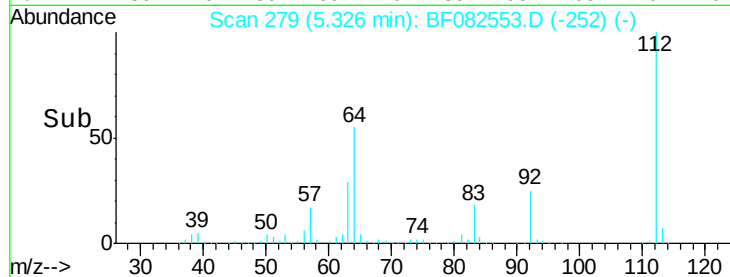
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 27.44 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

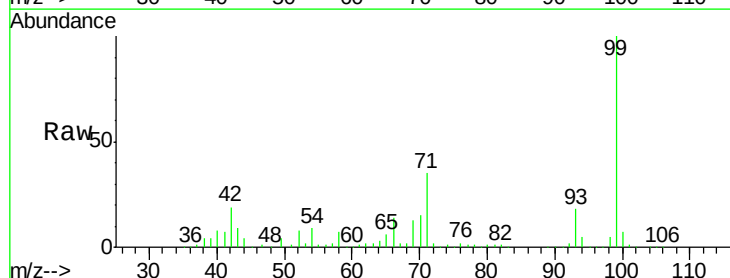
Tgt Ion: 93 Resp: 183402

Ion Ratio Lower Upper

93 100

66 77.3 55.9 83.9

65 31.8 31.8 47.6#



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

6.38

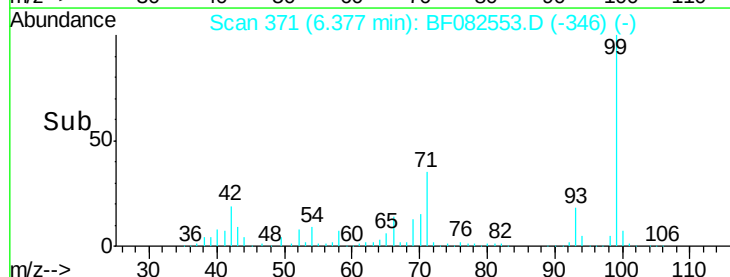
300000

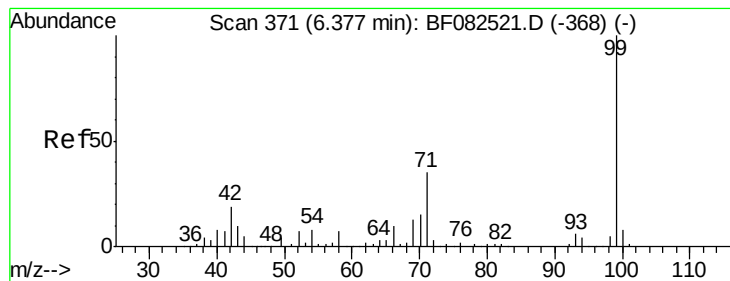
200000

100000

0

Time-->





#7

Phenol-d6

Concen: 153.24 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

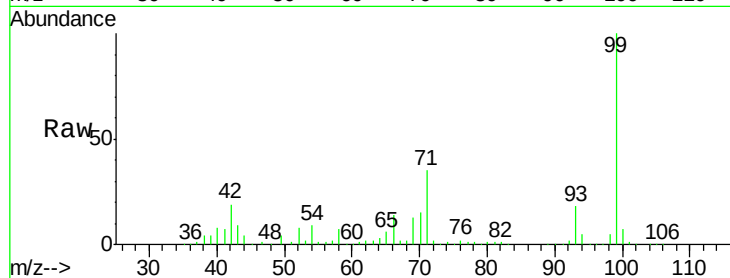
Tgt Ion: 99 Resp: 812710

Ion Ratio Lower Upper

99 100

42 18.8 15.1 22.7

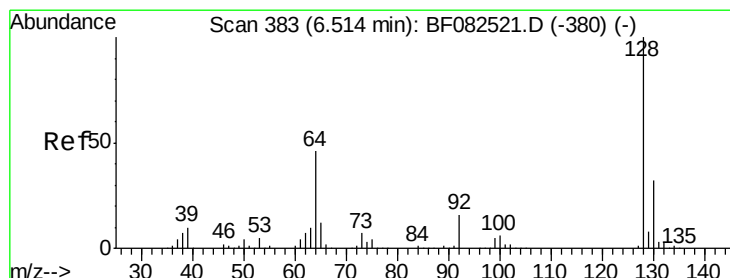
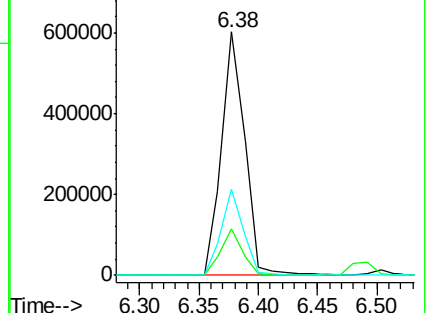
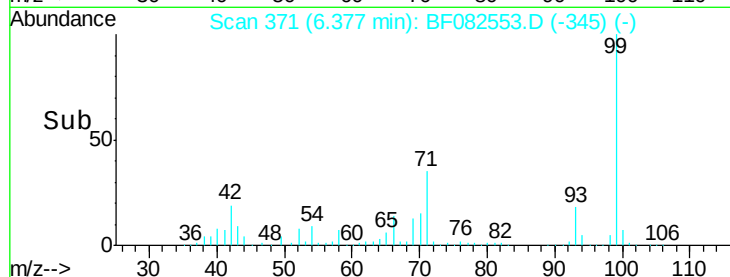
71 35.4 28.2 42.2



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: 51.35 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

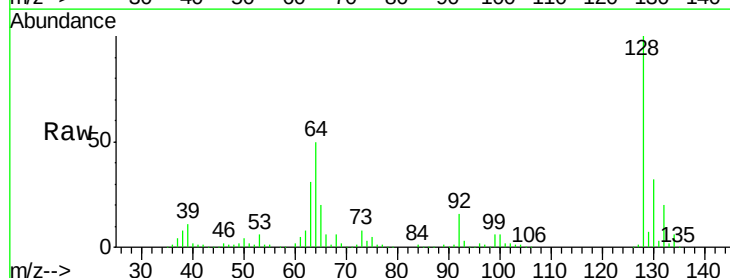
Tgt Ion: 128 Resp: 245071

Ion Ratio Lower Upper

128 100

130 32.2 12.1 52.1

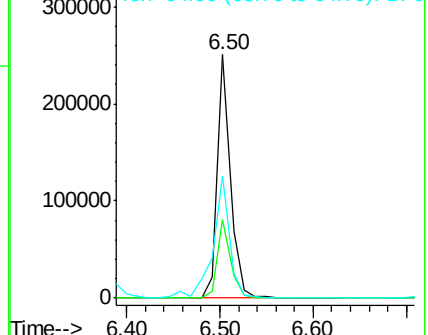
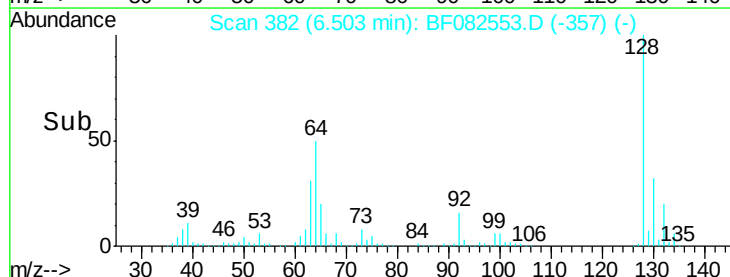
64 49.9 26.7 66.7

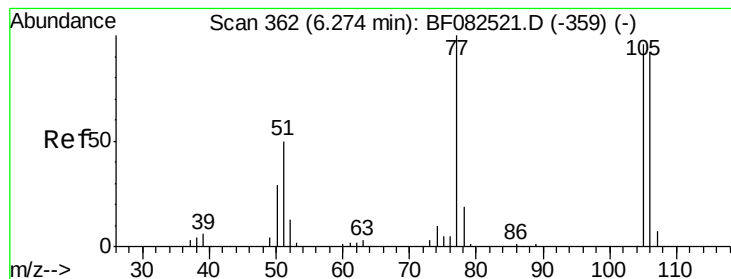


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.77 ng

RT: 6.26 min Scan# 361

Delta R.T. -0.01 min

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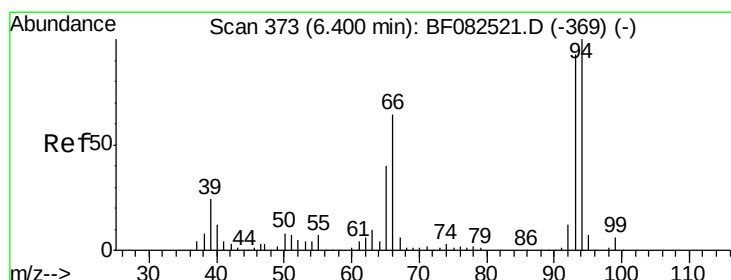
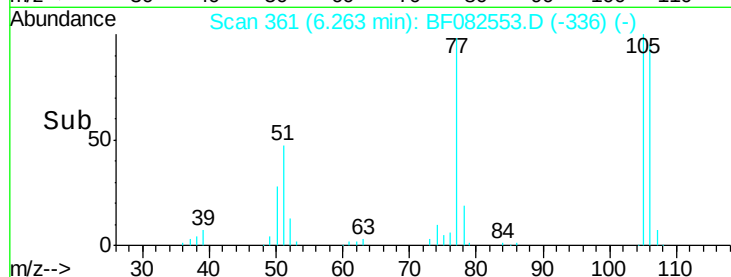
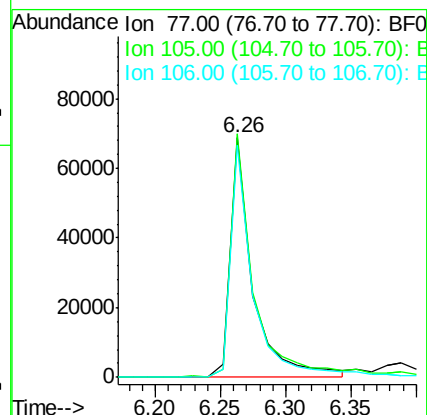
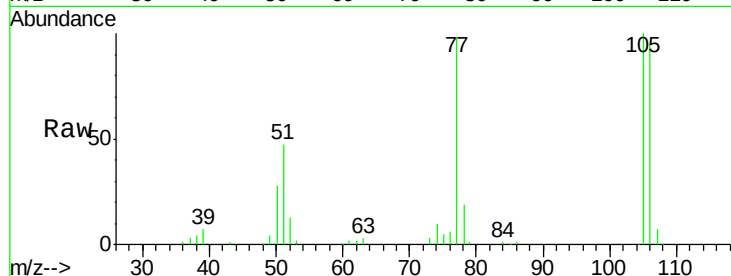
Tgt Ion: 77 Resp: 83116

Ion Ratio Lower Upper

77 100

105 101.7 75.9 115.9

106 97.0 71.8 111.8



#10

Phenol

Concen: 45.30 ng

RT: 6.39 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

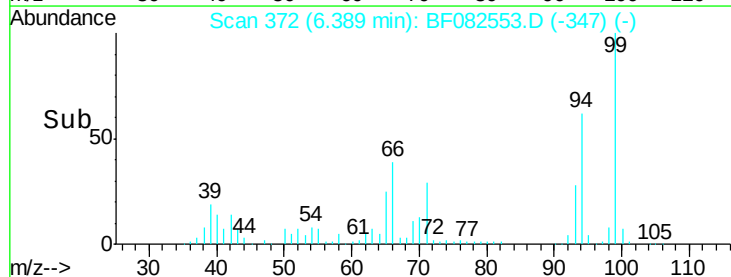
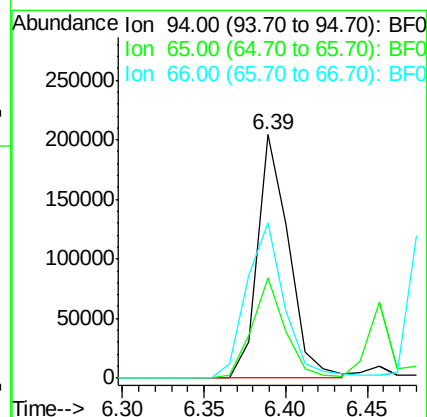
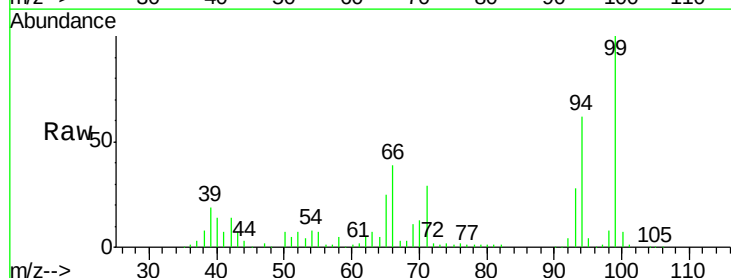
Tgt Ion: 94 Resp: 272769

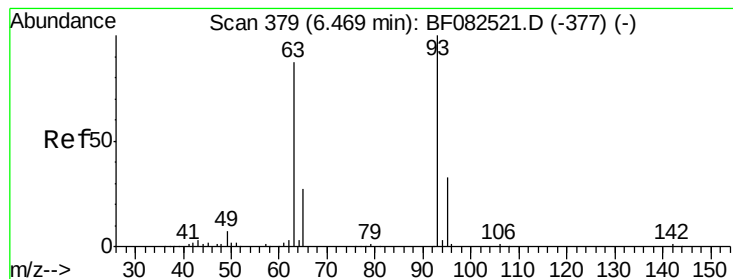
Ion Ratio Lower Upper

94 100

65 41.1 19.9 59.9

66 63.8 44.1 84.1





#11

bis(2-Chloroethyl)ether

Concen: 45.68 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

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SB-1MS

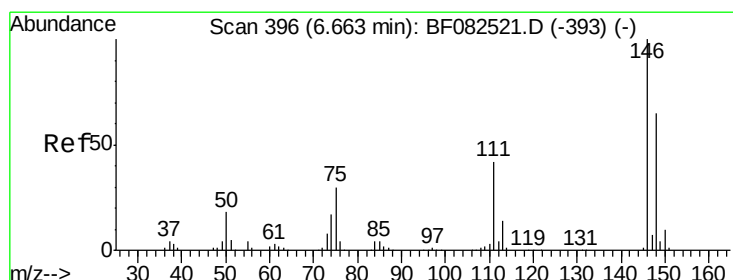
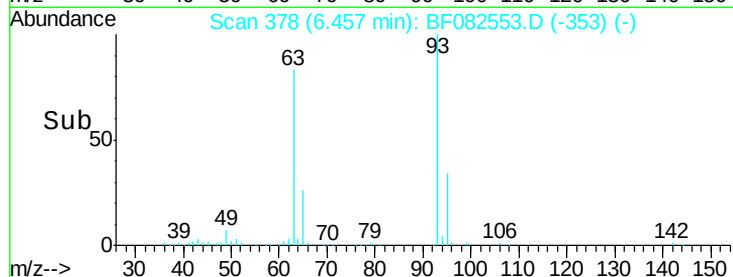
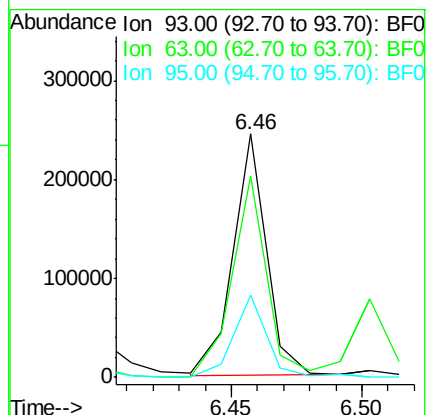
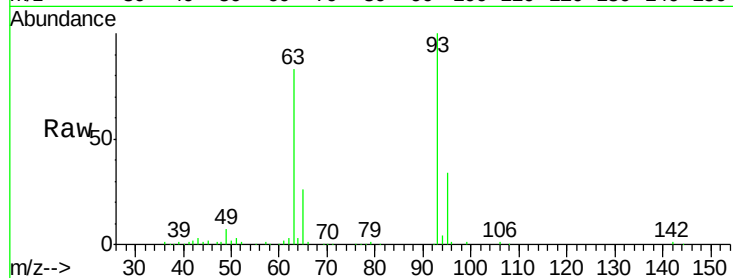
Tgt Ion: 93 Resp: 218272

Ion Ratio Lower Upper

93 100

63 82.9 65.2 105.2

95 33.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.65 ng

RT: 6.88 min Scan# 415

Delta R.T. 0.22 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

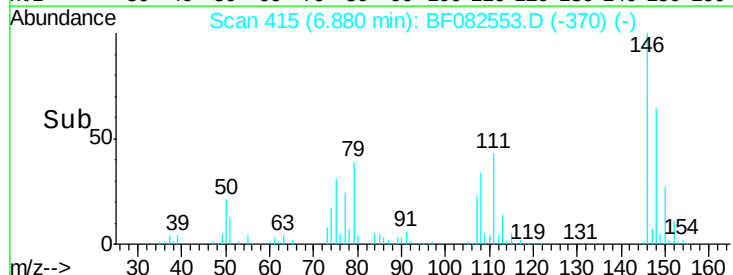
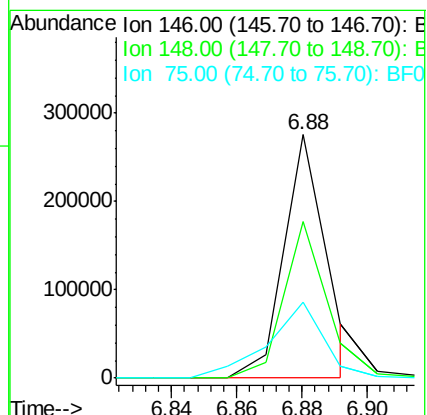
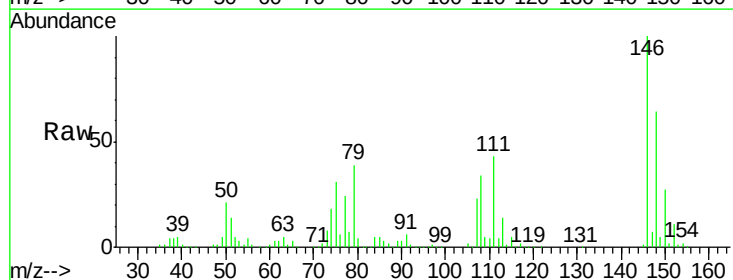
Tgt Ion: 146 Resp: 248539

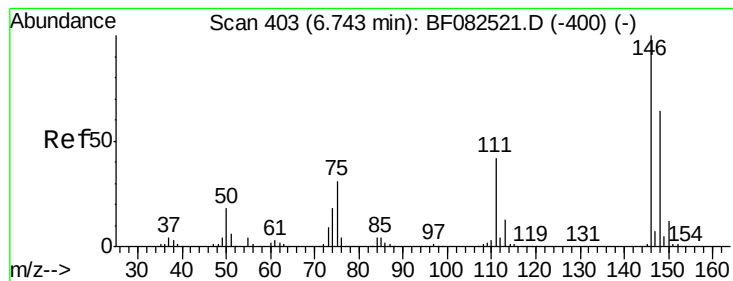
Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

75 31.3 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 45.84 ng

RT: 6.73 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

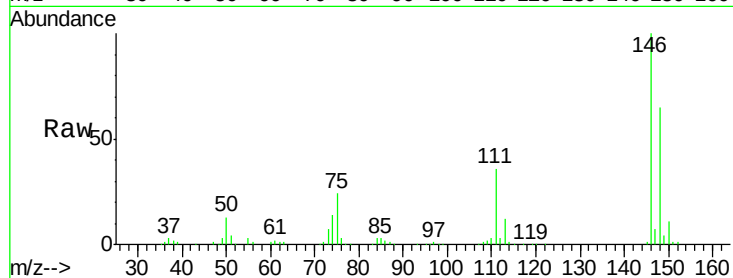
Tgt Ion:146 Resp: 268529

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.0

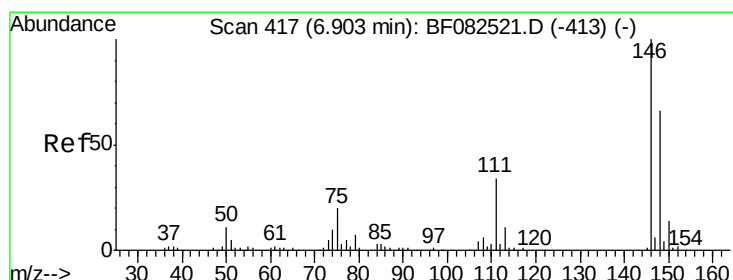
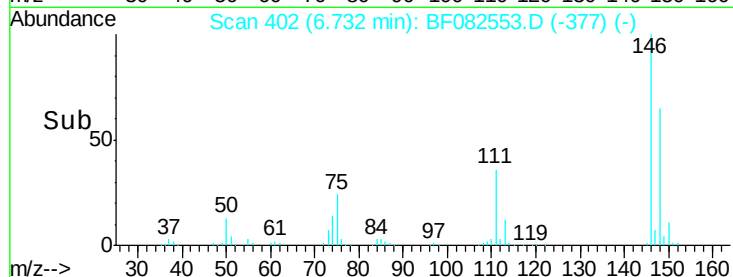
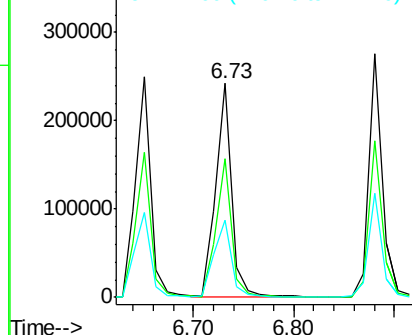
111 36.1 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 49.73 ng

RT: 6.73 min Scan# 402

Delta R.T. -0.17 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

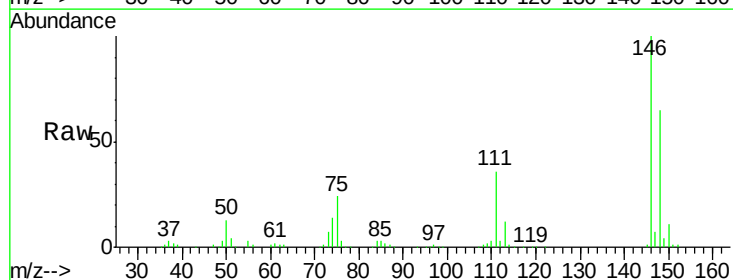
Tgt Ion:146 Resp: 270366

Ion Ratio Lower Upper

146 100

148 64.7 53.0 79.4

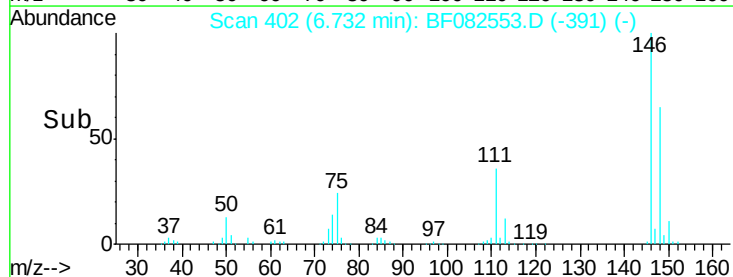
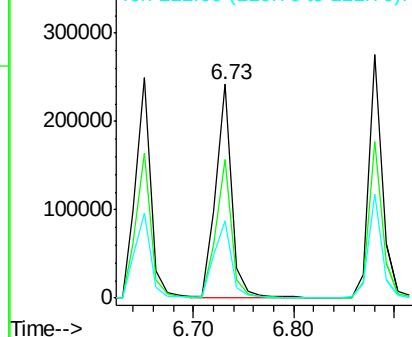
111 36.1 27.5 41.3

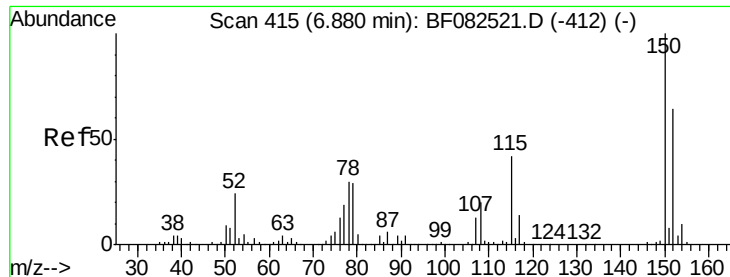


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

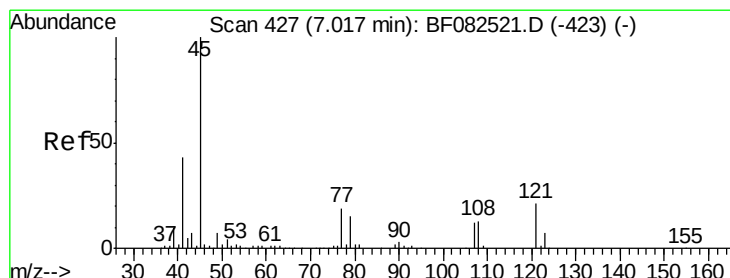
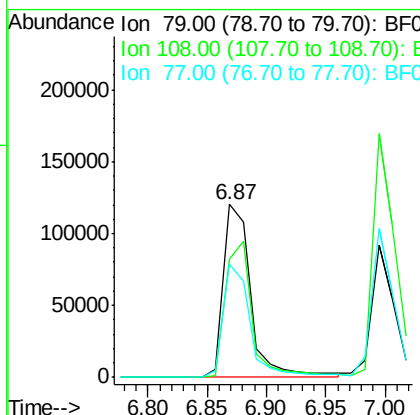
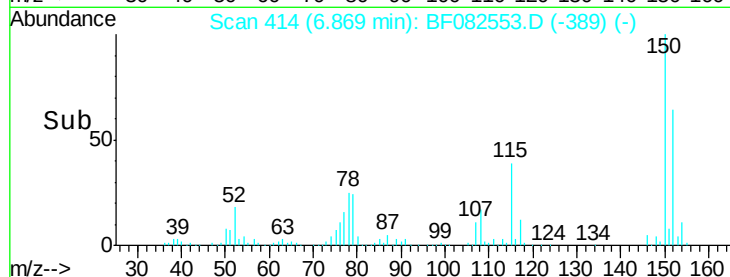
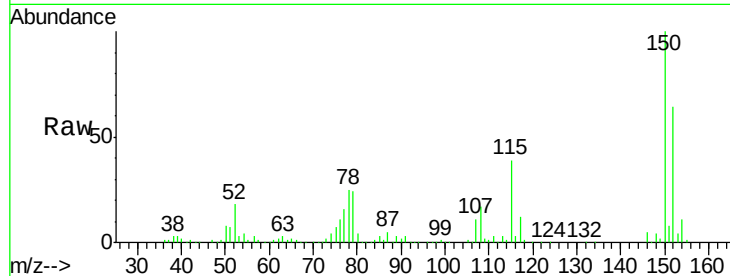




#15
Benzyl Alcohol
Concen: 52.31 ng
RT: 6.87 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

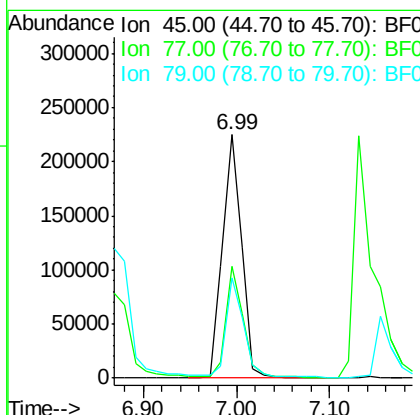
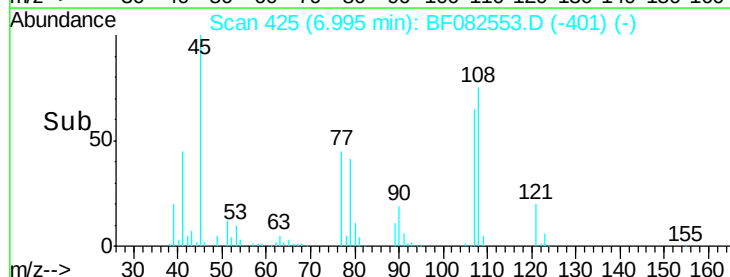
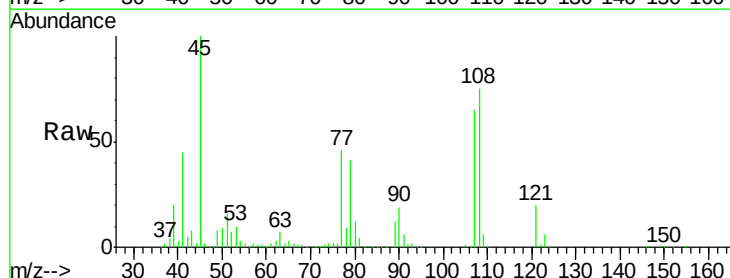
Instrument :
BNA_F
ClientSampleId :
SB-1MS

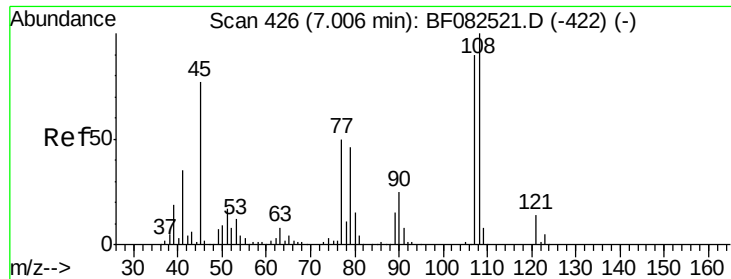
Tgt Ion: 79 Resp: 193110
Ion Ratio Lower Upper
79 100
108 68.3 55.0 82.6
77 65.1 52.5 78.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.31 ng
RT: 6.99 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion: 45 Resp: 319036
Ion Ratio Lower Upper
45 100
77 45.9 0.0 39.3#
79 41.0 0.0 35.7#

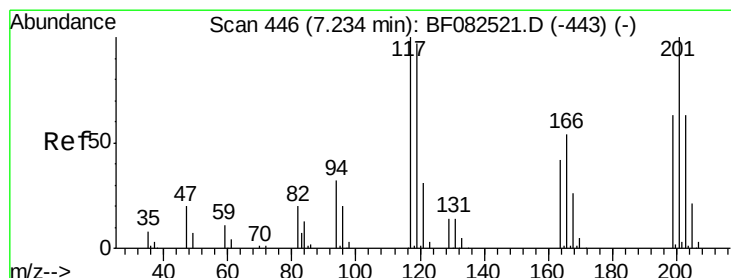
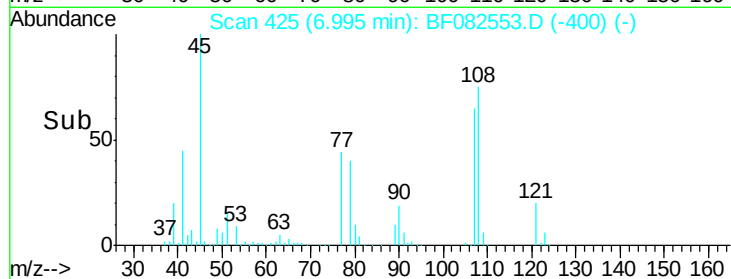
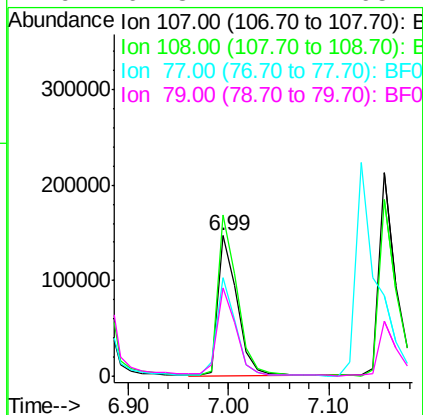
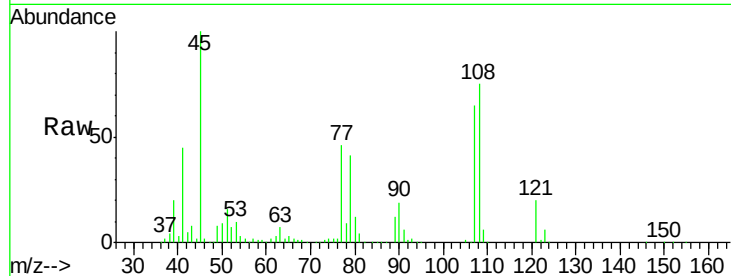




#17
2-Methylphenol
Concen: 50.62 ng
RT: 6.99 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

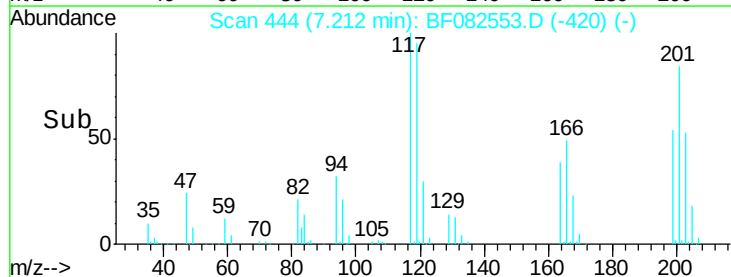
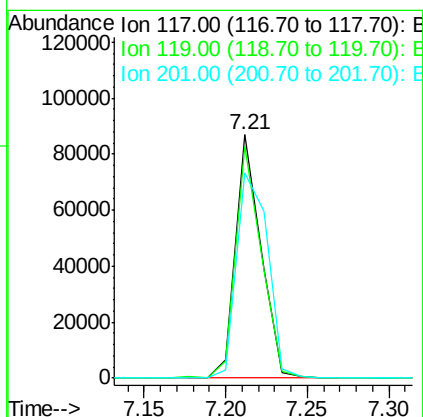
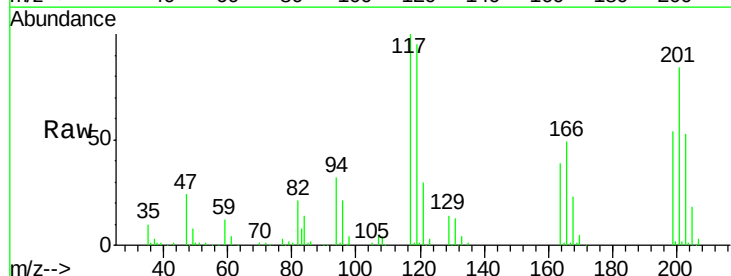
Instrument :
BNA_F
ClientSampleId :
SB-1MS

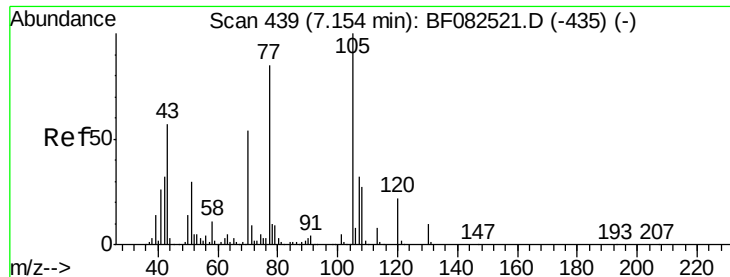
Tgt Ion:107 Resp: 193769
Ion Ratio Lower Upper
107 100
108 115.3 89.4 134.2
77 70.3 44.8 67.2#
79 62.8 42.1 63.1



#18
Hexachloroethane
Concen: 46.57 ng
RT: 7.21 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion:117 Resp: 92854
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3
201 84.1 80.1 120.1

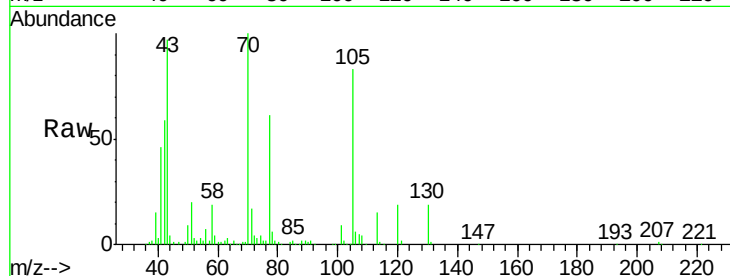




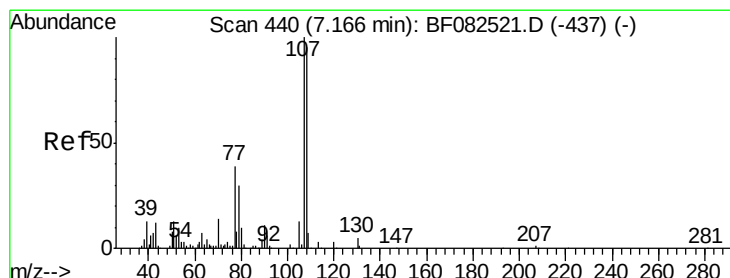
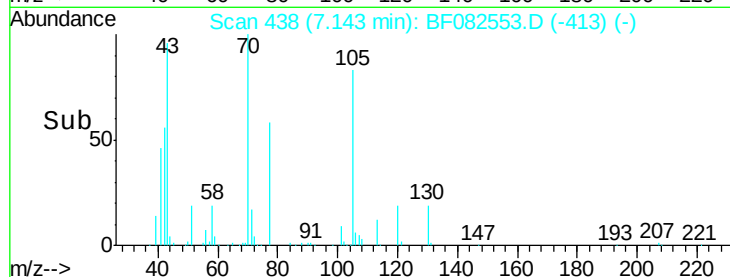
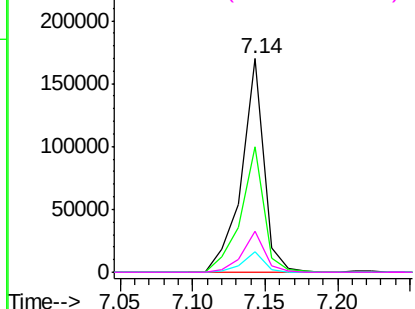
#19
 n-Nitroso-di-n-propylamine
 Concen: 52.91 ng
 RT: 7.14 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tgt Ion: 70 Resp: 182825
 Ion Ratio Lower Upper
 70 100
 42 58.5 46.9 70.3
 101 9.3 7.4 11.2
 130 19.4 14.2 21.4

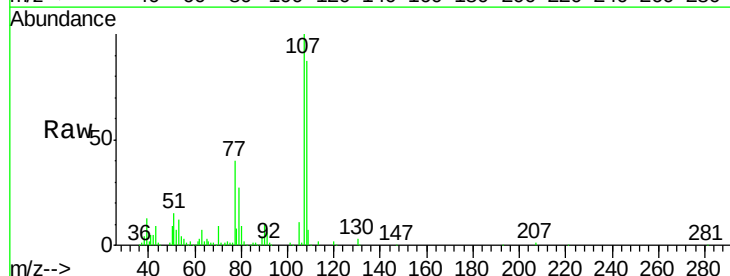


Abundance Ion 70.00 (69.70 to 70.70): BF0
 Ion 42.00 (41.70 to 42.70): BF0
 Ion 101.00 (100.70 to 101.70): E
 Ion 130.00 (129.70 to 130.70): E

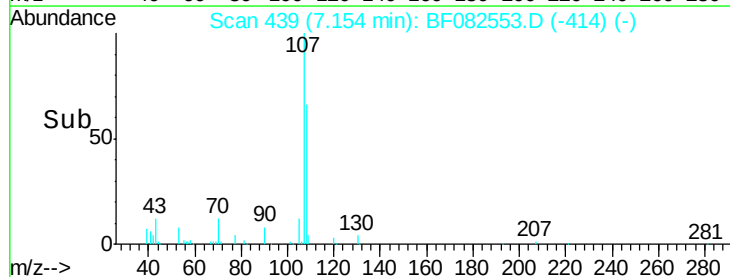
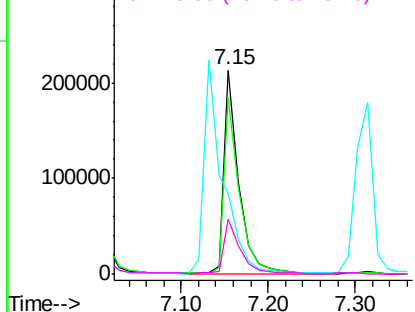


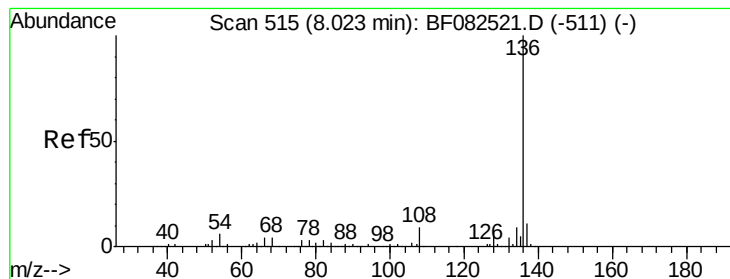
#20
 3+4-Methylphenols
 Concen: 51.85 ng
 RT: 7.15 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion: 107 Resp: 253575
 Ion Ratio Lower Upper
 107 100
 108 87.0 74.8 114.8
 77 39.7 20.3 60.3
 79 27.1 10.2 50.2



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: 8.00 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tgt Ion:136 Resp: 314883

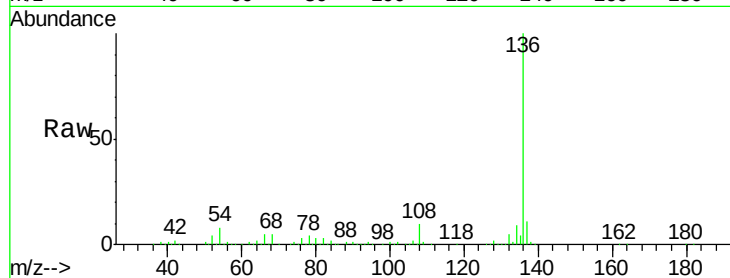
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 8.4 4.6 7.0#

68 5.0 3.2 4.8#

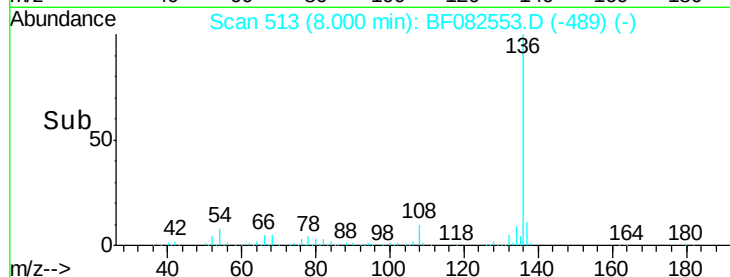


Abundance Ion 136.00 (135.70 to 136.70): E

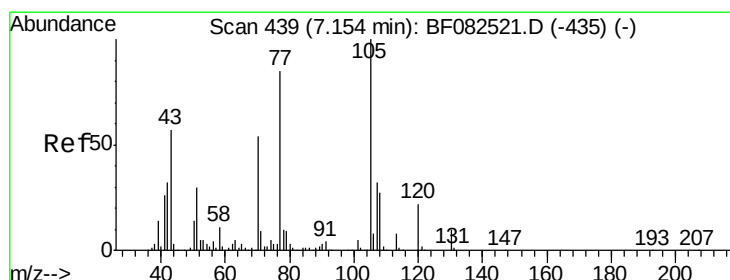
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 48.63 ng

RT: 7.13 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Tgt Ion:105 Resp: 332240

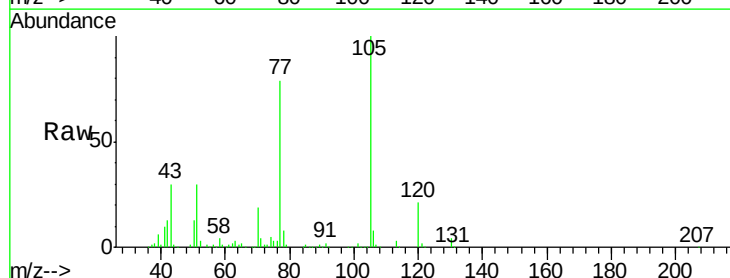
Ion Ratio Lower Upper

105 100

71 3.5 7.1 10.7#

51 29.5 24.4 36.6

120 21.1 17.3 25.9

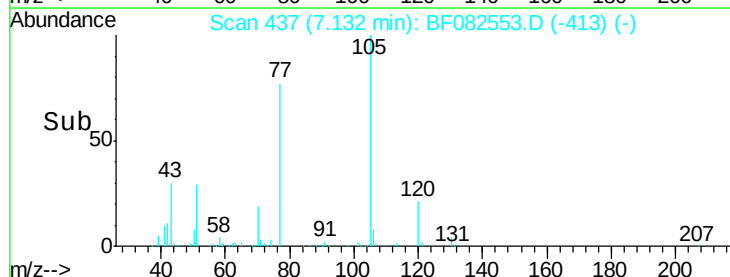


Abundance Ion 105.00 (104.70 to 105.70): E

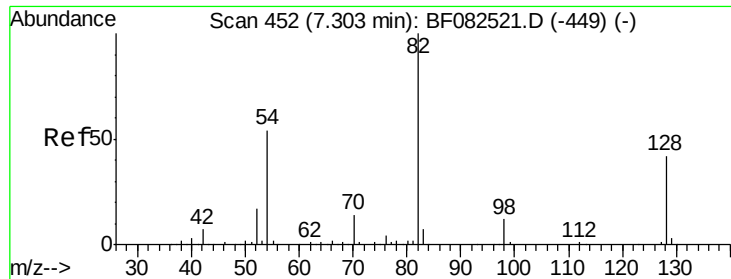
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



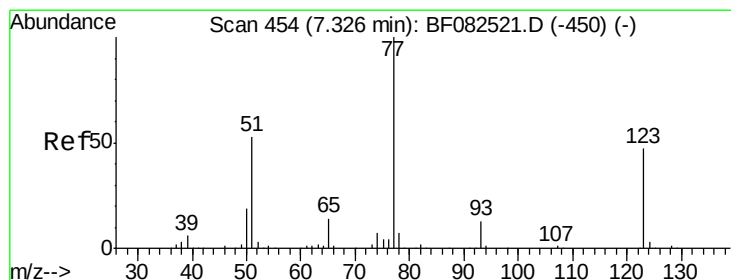
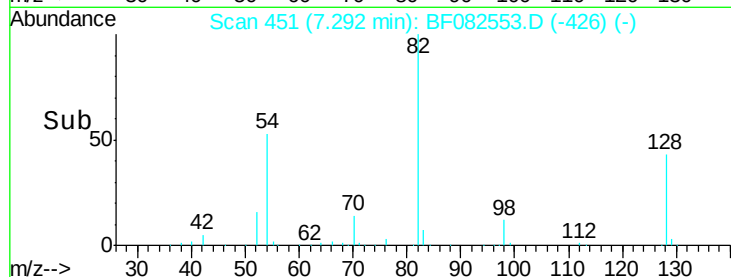
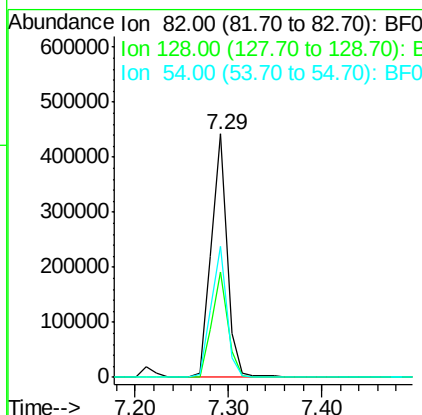
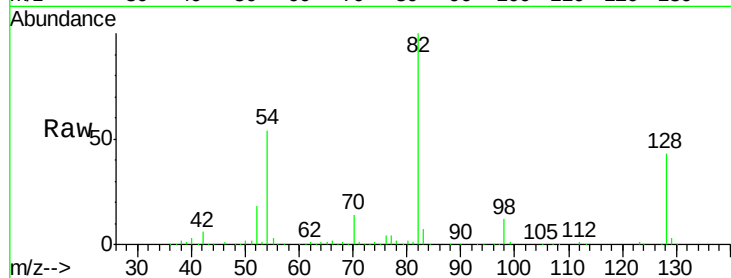
Time-->



#23
 Nitrobenzene-d5
 Concen: 108.52 ng
 RT: 7.29 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

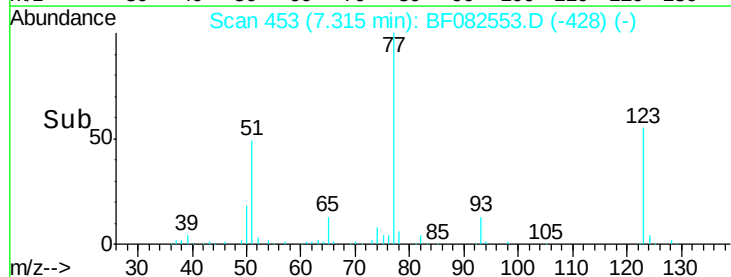
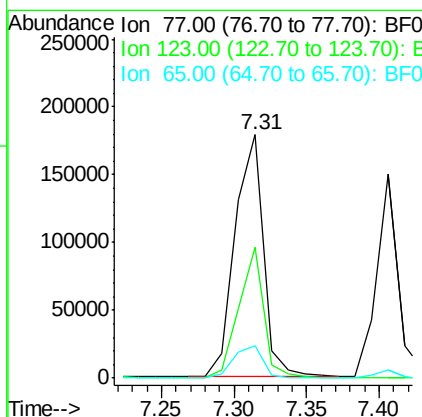
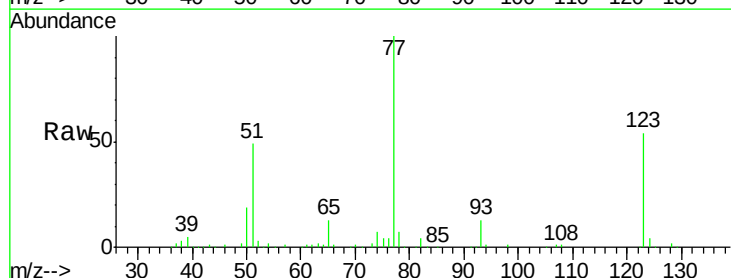
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

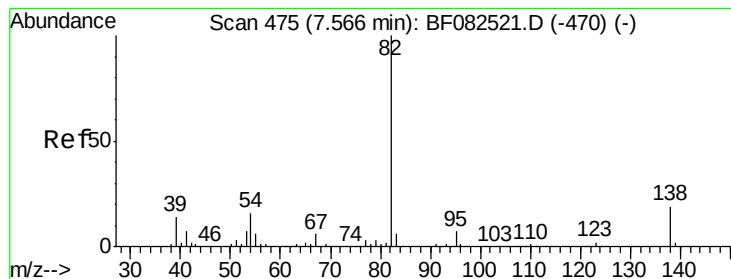
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.4	50.0
54	53.6	43.5	65.3



#24
 Nitrobenzene
 Concen: 44.79 ng
 RT: 7.31 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.8	37.4	56.0
65	13.3	11.0	16.4





#25

Isophorone

Concen: 47.57 ng

RT: 7.54 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

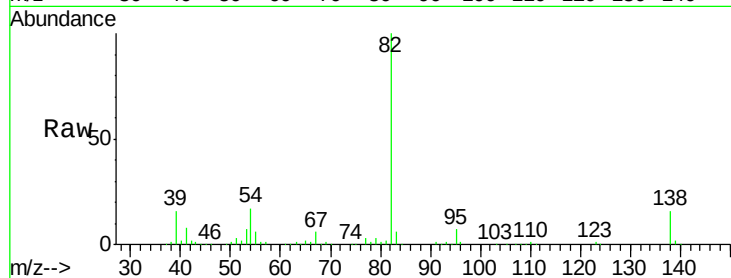
Tgt Ion: 82 Resp: 461308

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

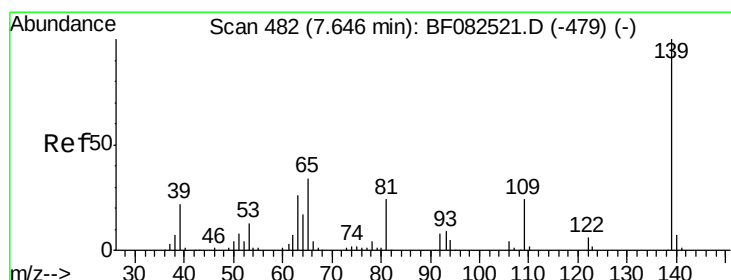
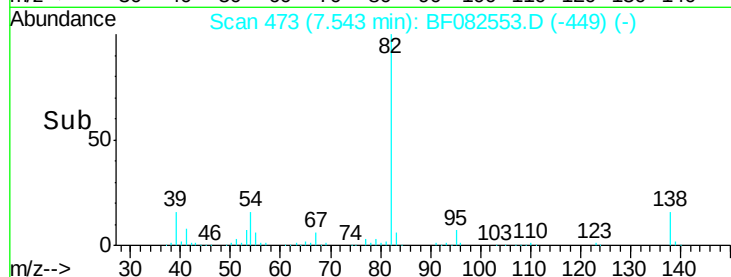
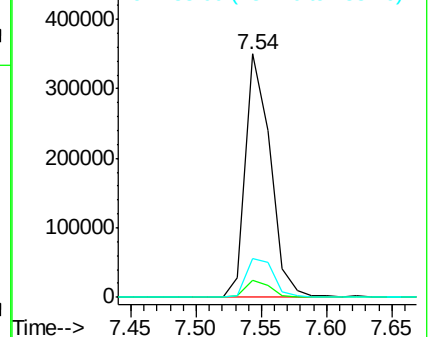
138 16.0 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.24 ng

RT: 7.62 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

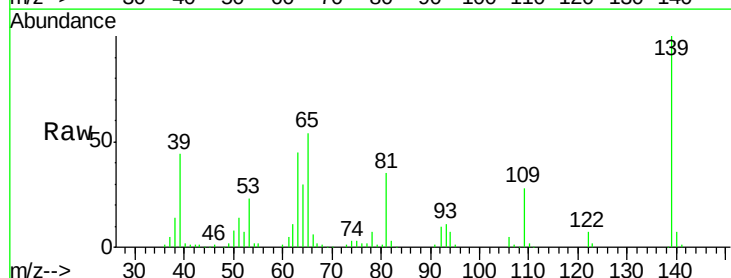
Tgt Ion: 139 Resp: 132267

Ion Ratio Lower Upper

139 100

109 28.3 19.3 28.9

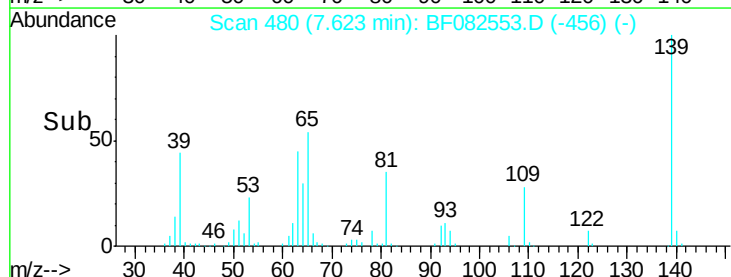
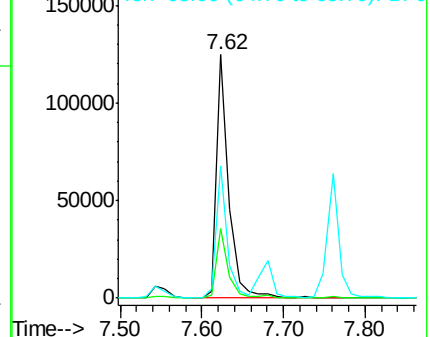
65 54.1 27.1 40.7#

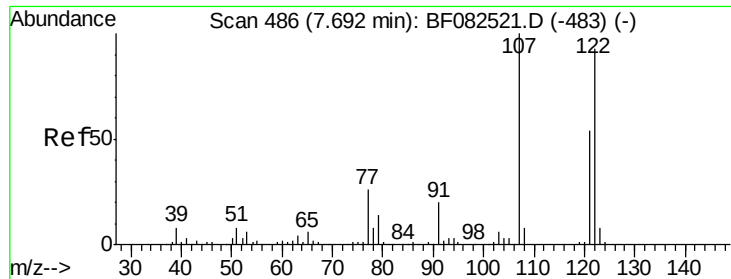


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 50.72 ng

RT: 7.68 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

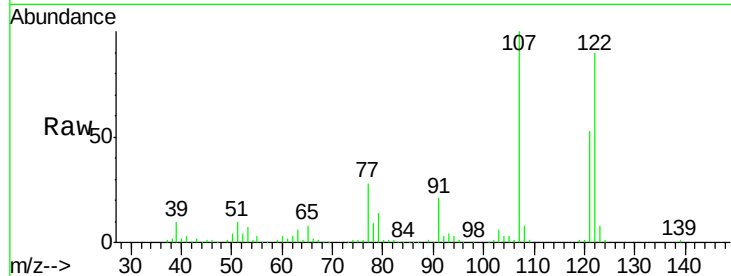
Tgt Ion: 122 Resp: 217016

Ion Ratio Lower Upper

122 100

107 111.4 85.8 128.8

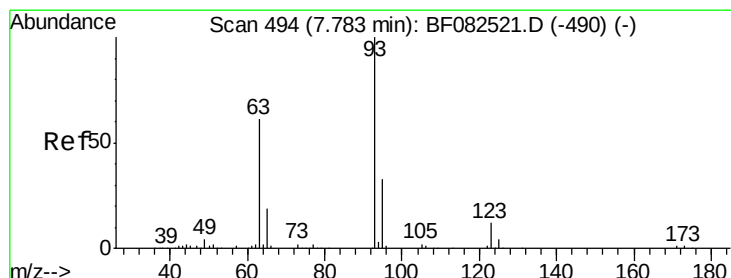
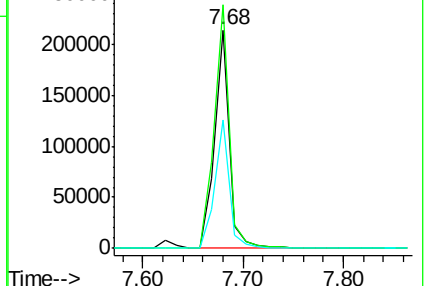
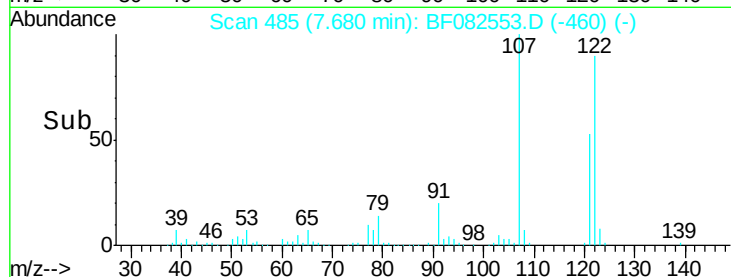
121 58.5 46.2 69.2



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: 52.35 ng

RT: 7.76 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

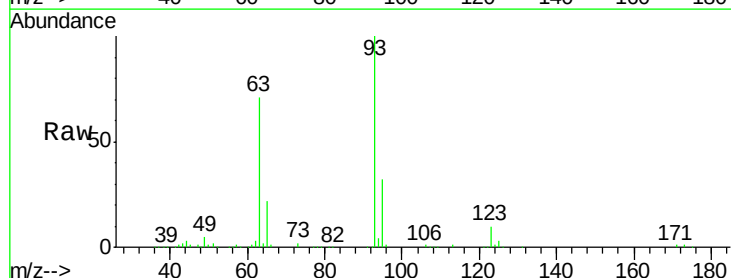
Tgt Ion: 93 Resp: 297672

Ion Ratio Lower Upper

93 100

95 31.9 26.2 39.2

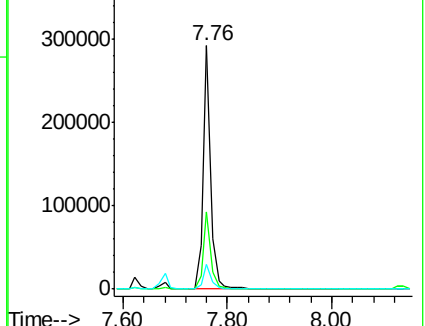
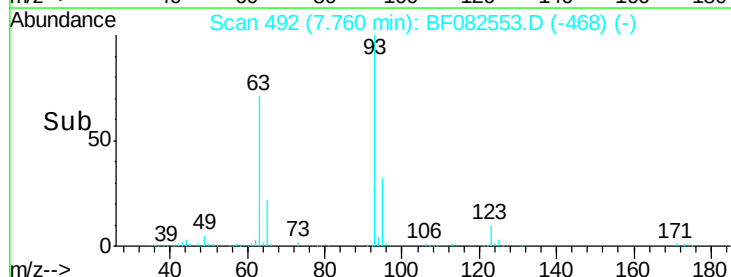
123 10.0 9.3 13.9

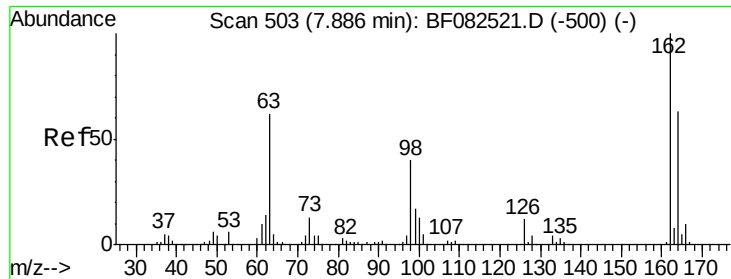


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

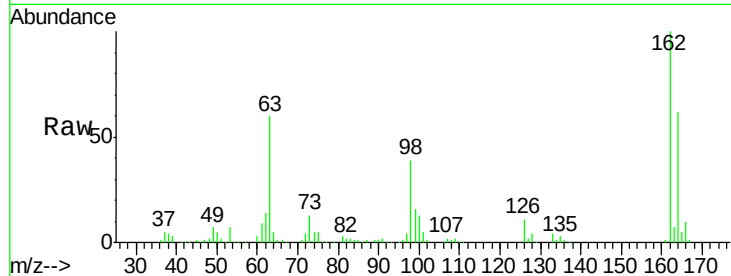




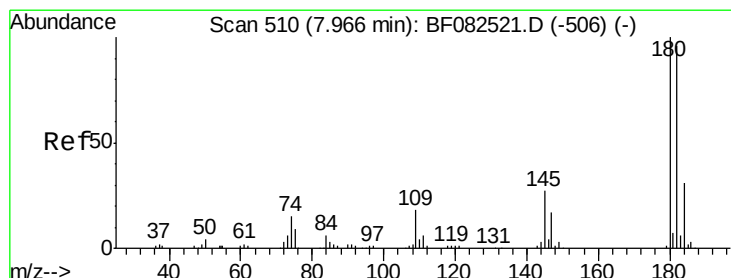
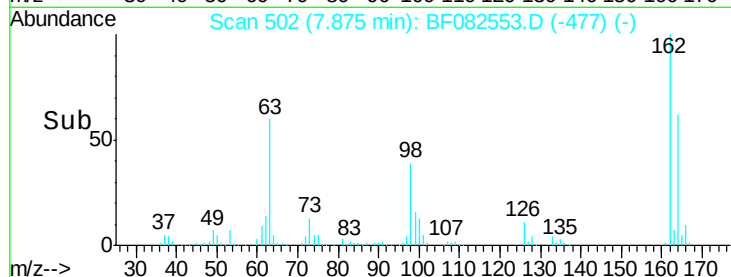
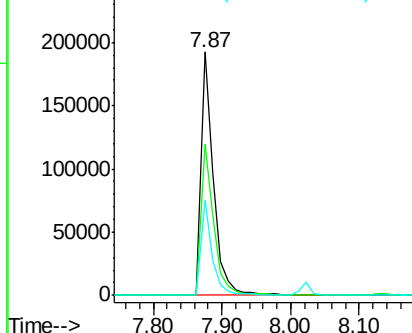
#29
 2,4-Dichlorophenol
 Concen: 55.14 ng
 RT: 7.87 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.1	43.1	83.1
98	38.9	19.6	59.6

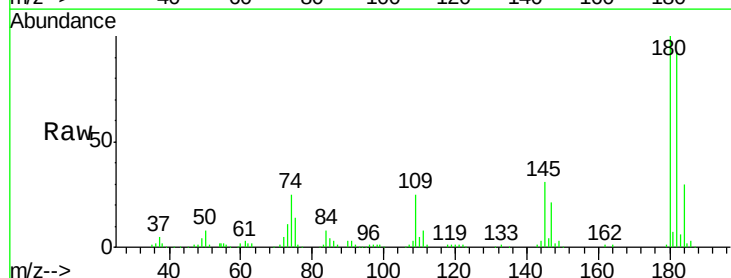


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

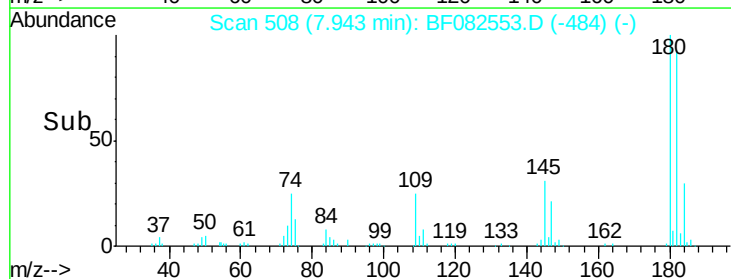
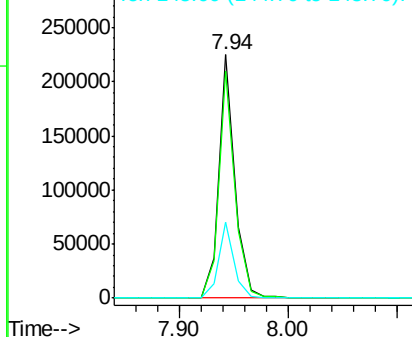


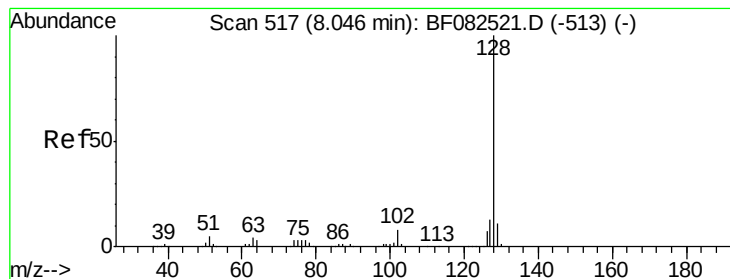
#30
 1,2,4-Trichlorobenzene
 Concen: 48.11 ng
 RT: 7.94 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.6	115.0
145	31.1	21.3	31.9



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





#31

Naphthalene

Concen: 49.00 ng

RT: 8.02 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

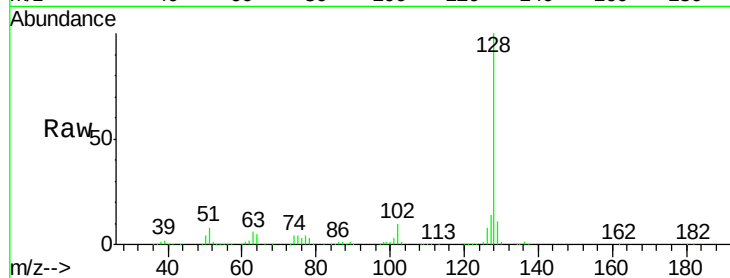
Tgt Ion:128 Resp: 705130

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

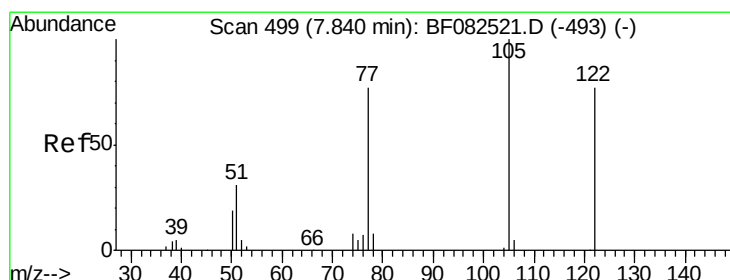
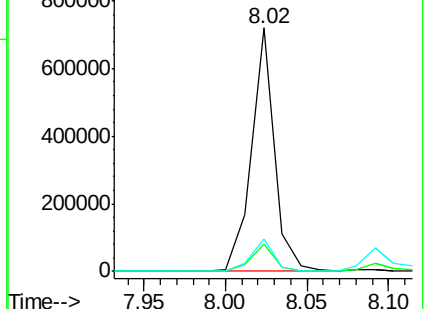
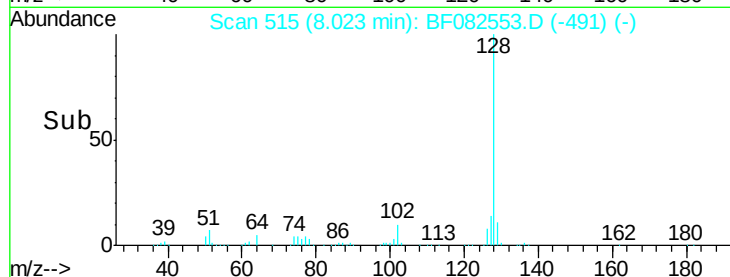
127 13.6 10.7 16.1



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: 90.53 ng

RT: 7.68 min Scan# 485

Delta R.T. -0.16 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

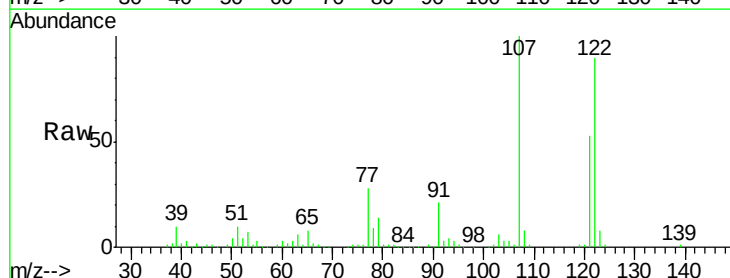
Tgt Ion:122 Resp: 217016

Ion Ratio Lower Upper

122 100

105 3.6 106.4 146.4#

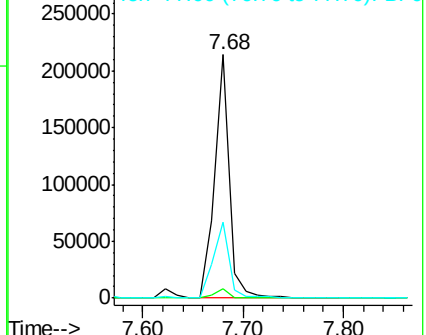
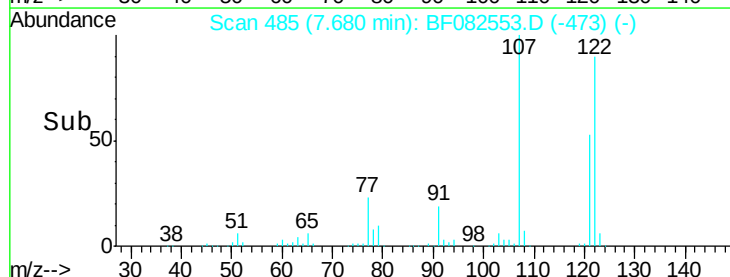
77 31.4 79.1 119.1#

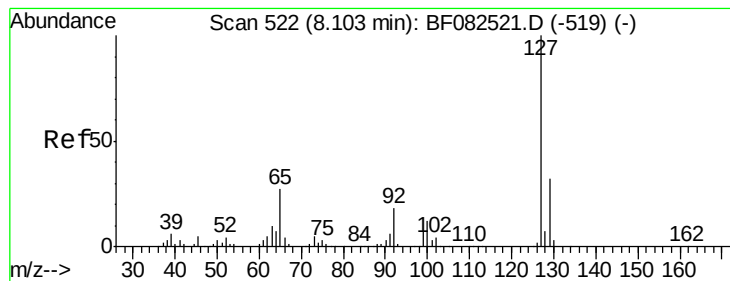


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 18.96 ng

RT: 8.09 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tgt Ion:127 Resp: 105773

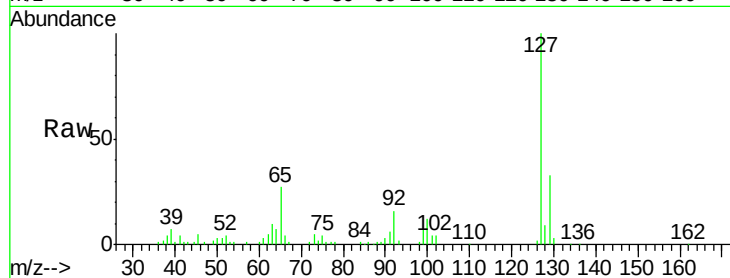
Ion Ratio Lower Upper

127 100

129 32.6 25.8 38.8

65 27.3 21.8 32.6

92 16.4 14.6 22.0

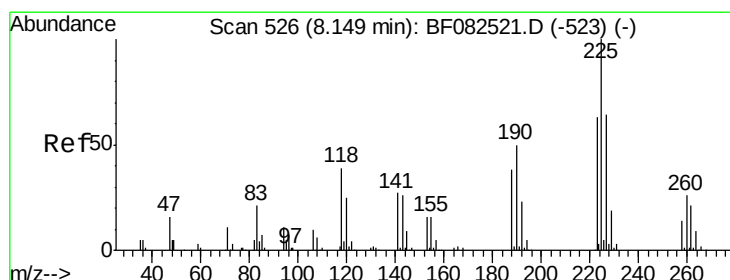
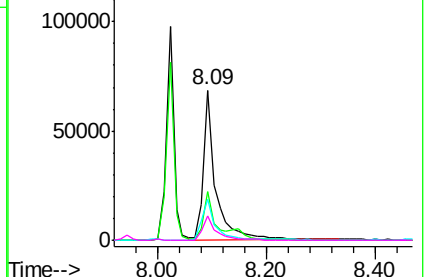
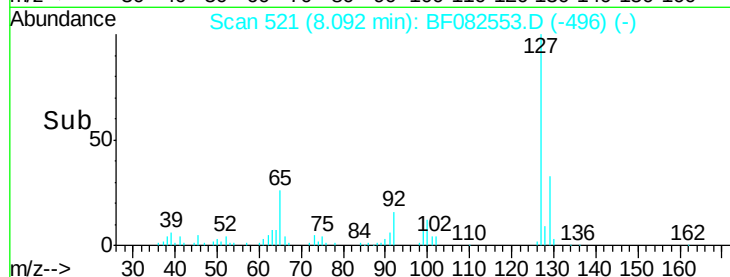


Abundance Ion 127.00 (126.70 to 127.70): E

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: 48.78 ng

RT: 8.14 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

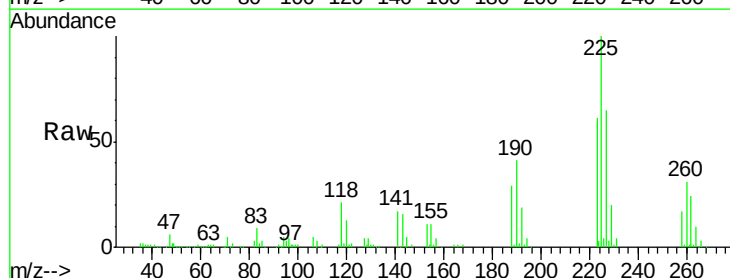
Tgt Ion:225 Resp: 136170

Ion Ratio Lower Upper

225 100

223 60.7 50.2 75.4

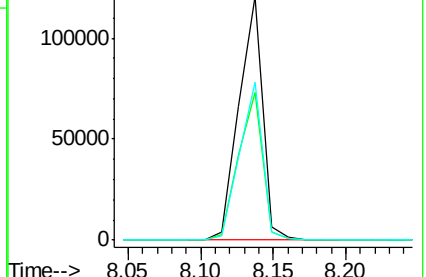
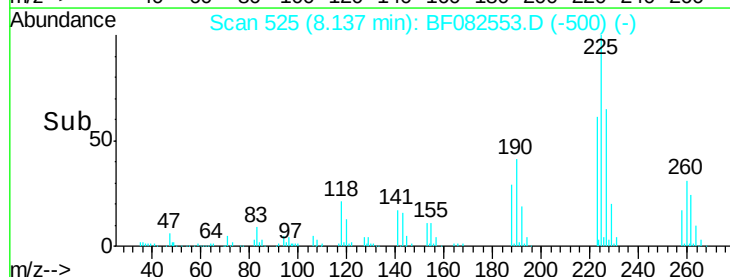
227 64.7 51.4 77.0

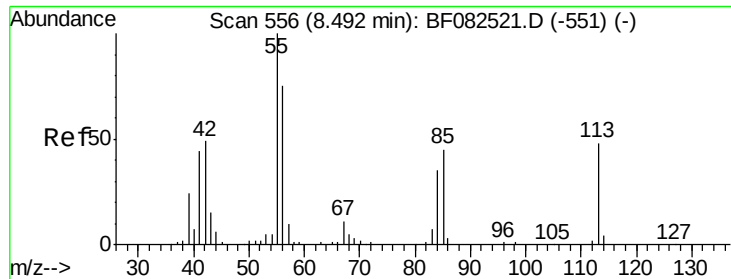


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

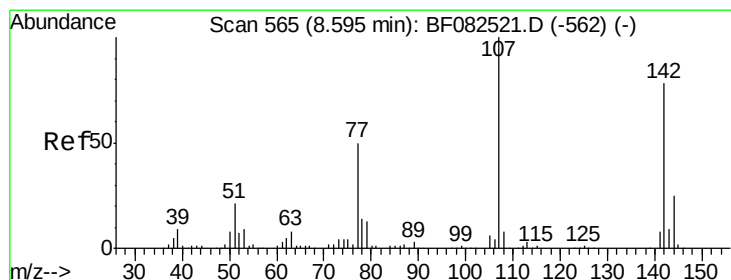
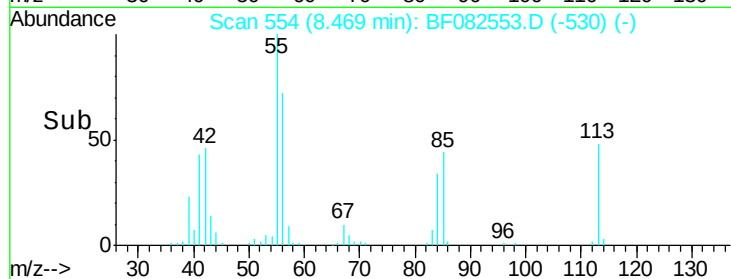
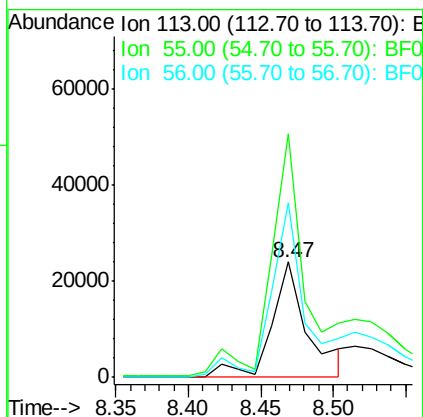
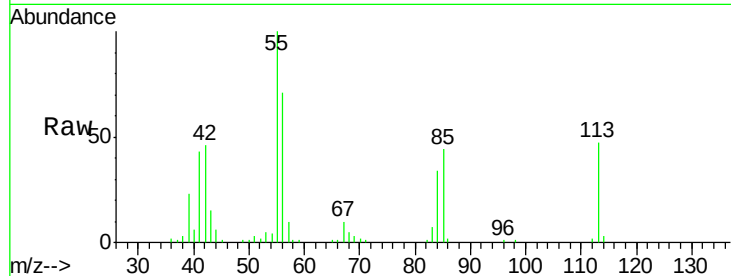




#35
 Caprolactam
 Concen: 34.47 ng
 RT: 8.47 min Scan# 554
 Delta R.T. -0.02 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

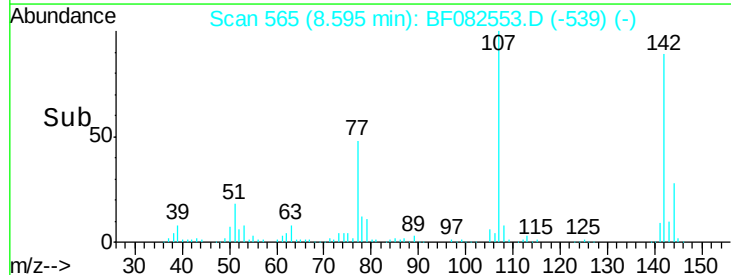
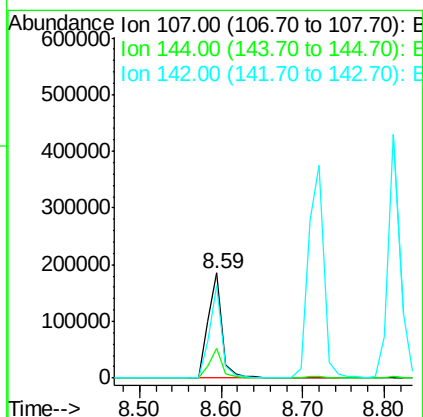
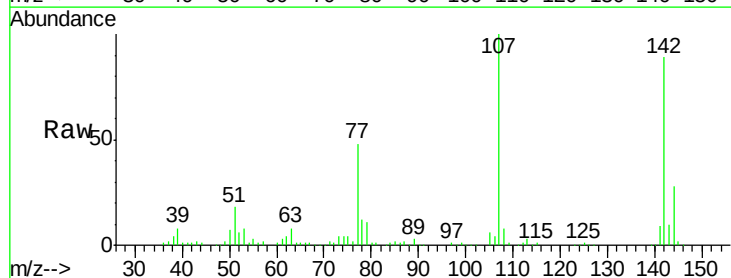
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

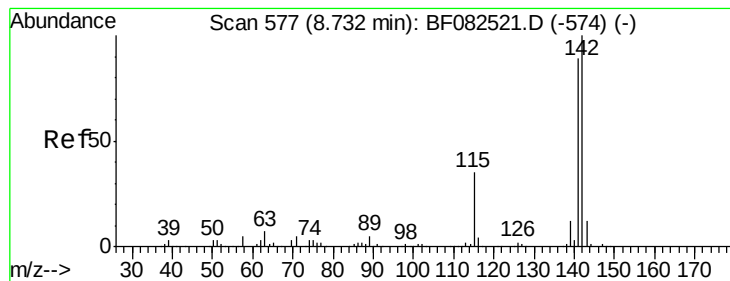
Tgt Ion:113 Resp: 40890
 Ion Ratio Lower Upper
 113 100
 55 211.7 188.9 228.9
 56 151.3 135.8 175.8



#36
 4-Chloro-3-methylphenol
 Concen: 54.59 ng
 RT: 8.59 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion:107 Resp: 226552
 Ion Ratio Lower Upper
 107 100
 144 28.2 20.2 30.2
 142 88.9 62.6 93.8





#37

2-Methylnaphthalene

Concen: 50.35 ng

RT: 8.72 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

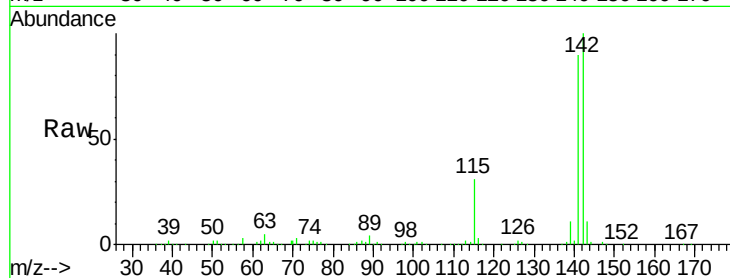
Tgt Ion:142 Resp: 489479

Ion Ratio Lower Upper

142 100

141 90.4 71.0 106.6

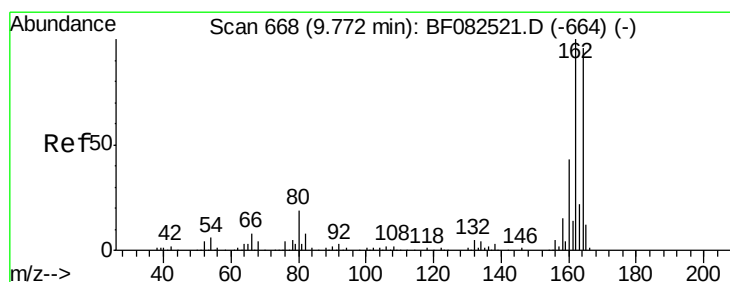
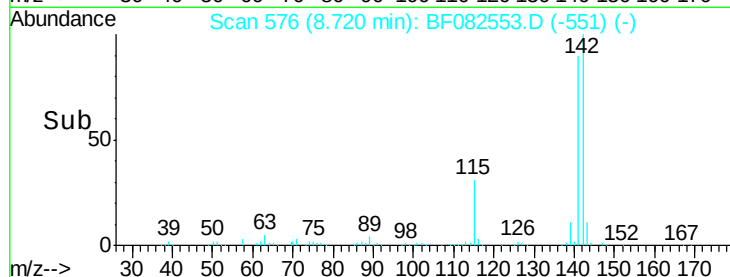
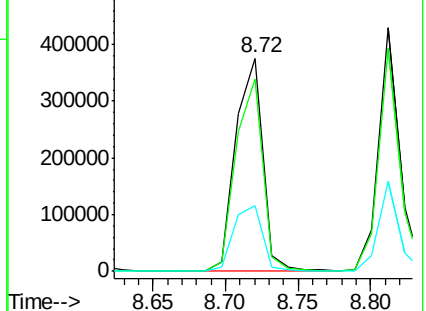
115 30.9 28.0 42.0



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: 9.75 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

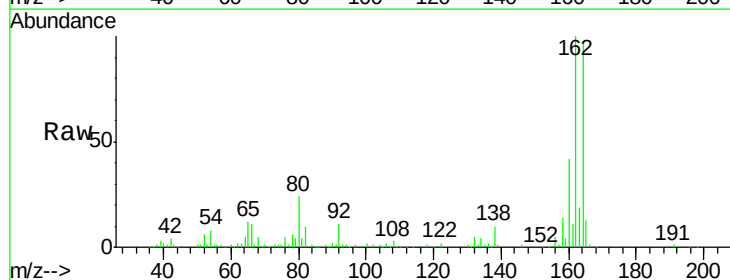
Tgt Ion:164 Resp: 152329

Ion Ratio Lower Upper

164 100

162 102.7 83.6 125.4

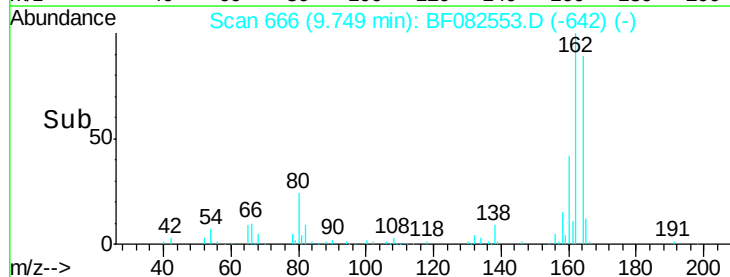
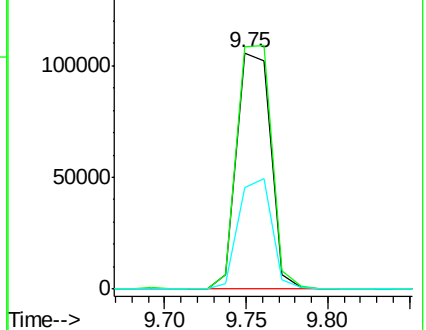
160 43.2 36.0 54.0

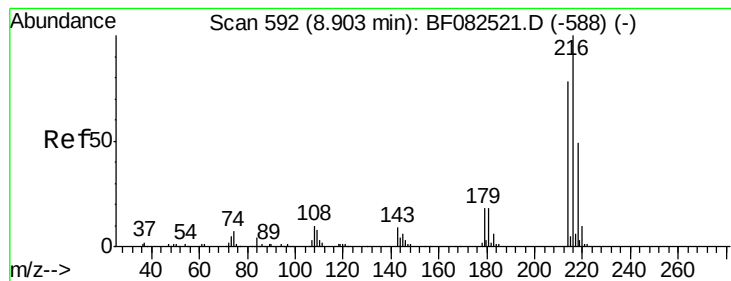


Abundance Ion 164.00 (163.70 to 164.70): E

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: 50.94 ng

RT: 8.88 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tgt Ion:216 Resp: 234220

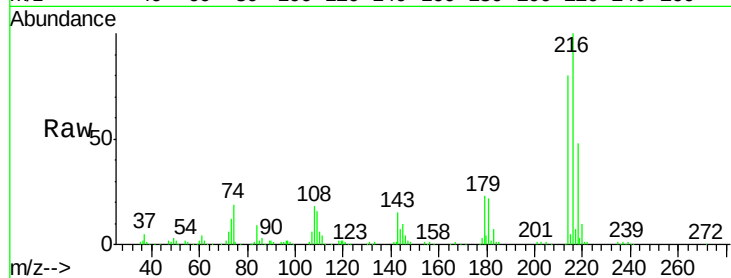
Ion Ratio Lower Upper

216 100

214 79.4 63.1 94.7

179 21.3 16.5 24.7

108 18.5 13.0 19.4

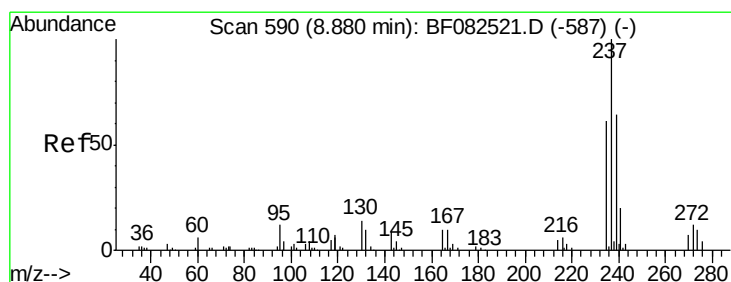
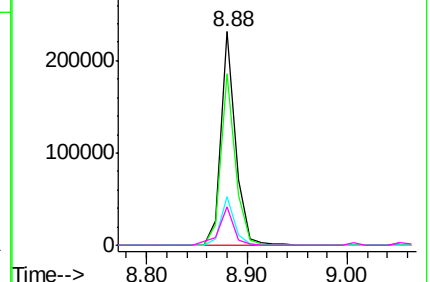
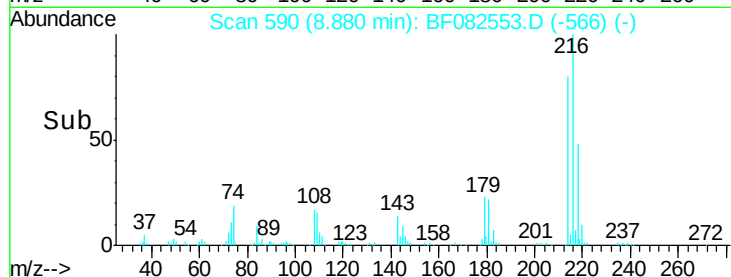


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.21 ng

RT: 8.86 min Scan# 588

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

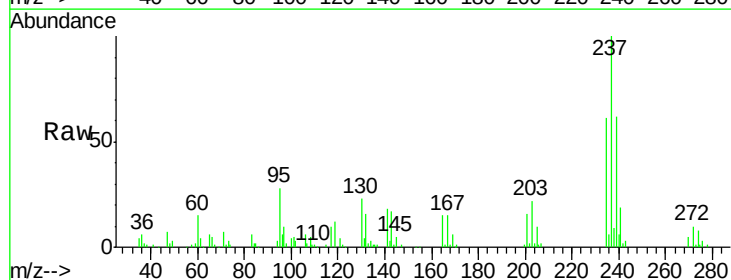
Tgt Ion:237 Resp: 96880

Ion Ratio Lower Upper

237 100

235 61.3 41.4 81.4

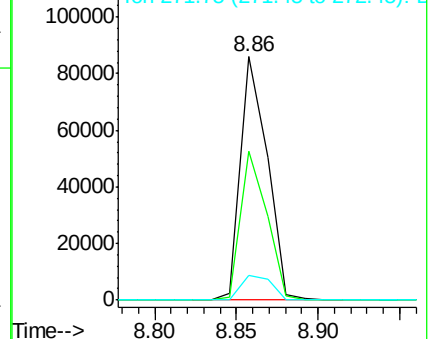
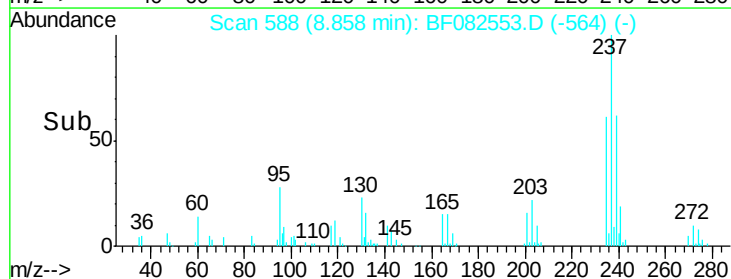
272 9.9 0.0 31.7

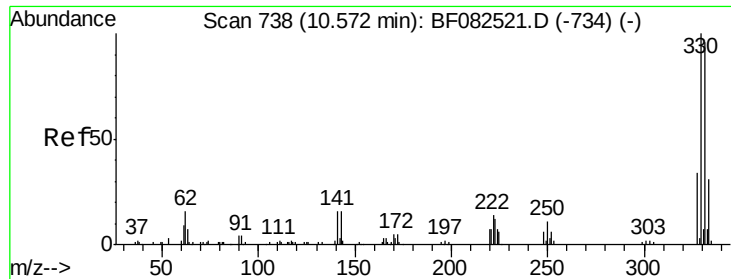


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

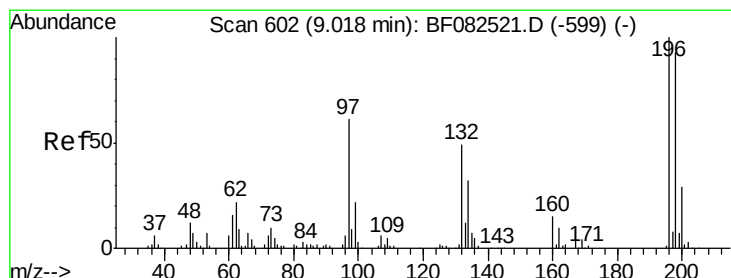
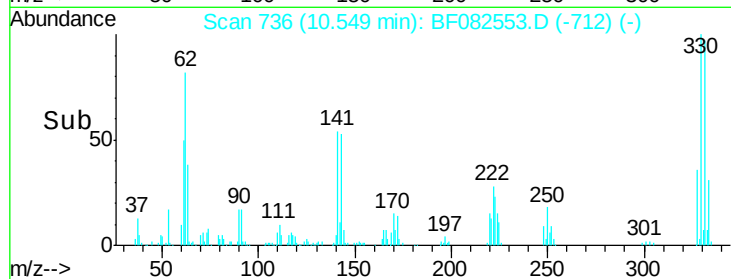
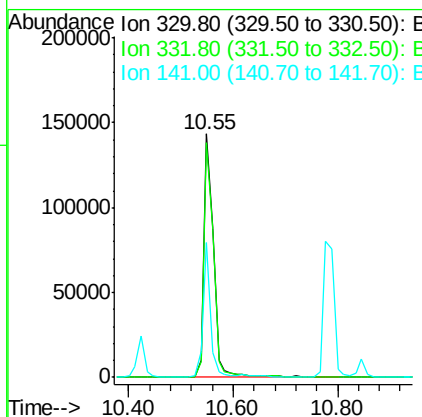
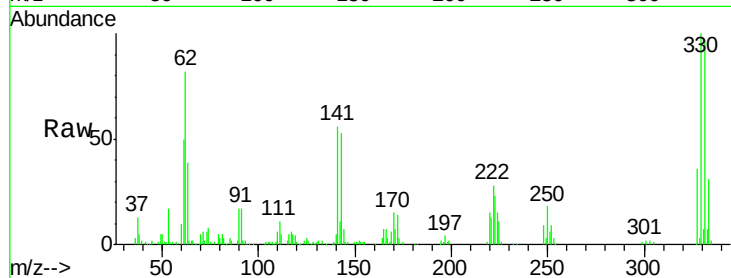




#41
 2,4,6-Tribromophenol
 Concen: 163.05 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

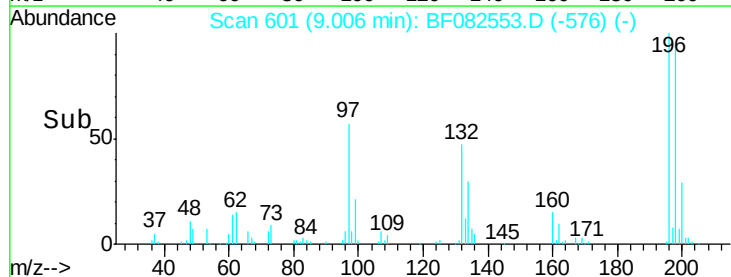
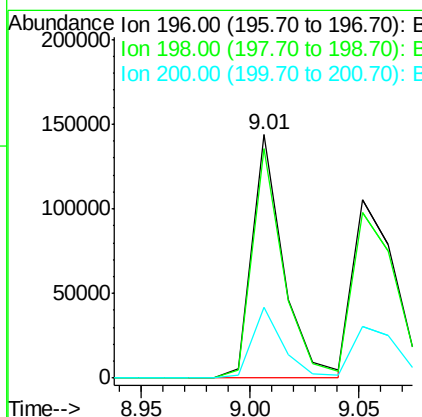
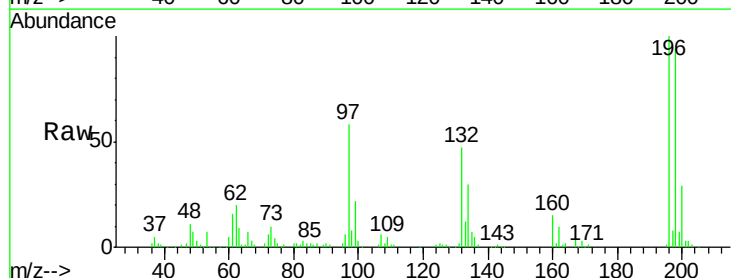
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

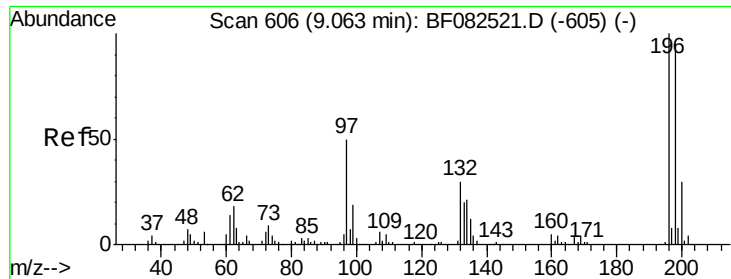
Tgt Ion:330 Resp: 185984
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.0
 141 43.0 32.5 48.7



#42
 2,4,6-Trichlorophenol
 Concen: 50.07 ng
 RT: 9.01 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion:196 Resp: 143518
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.1 111.1
 200 29.3 23.4 35.0

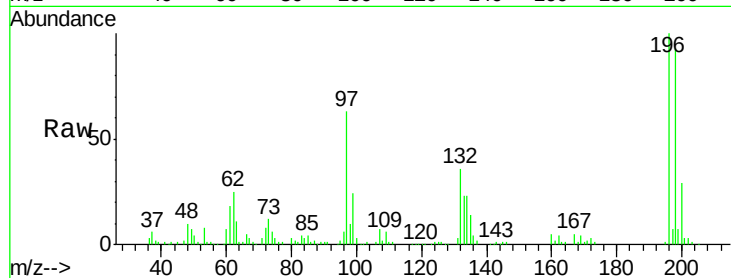




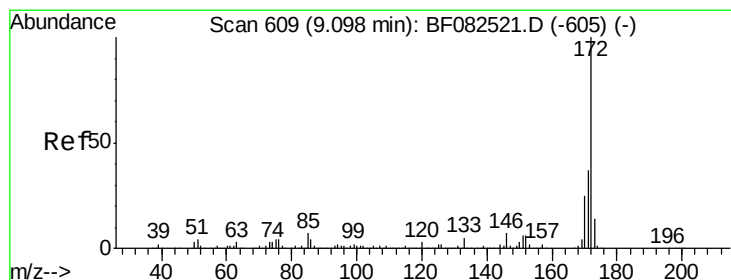
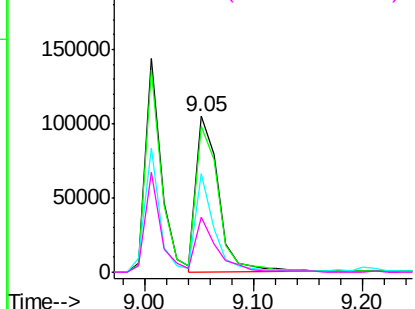
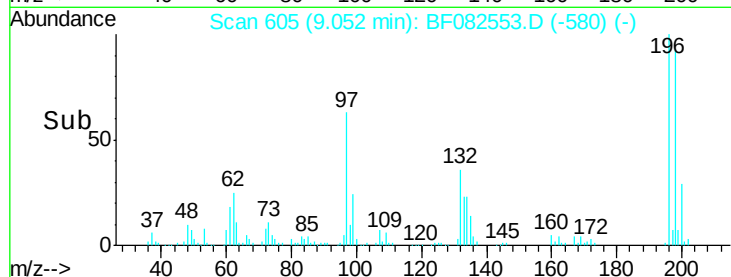
#43
 2,4,5-Trichlorophenol
 Concen: 49.91 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tgt Ion:196 Resp: 150015
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.4 113.2
 97 63.1 40.8 61.2#
 132 35.6 24.6 37.0

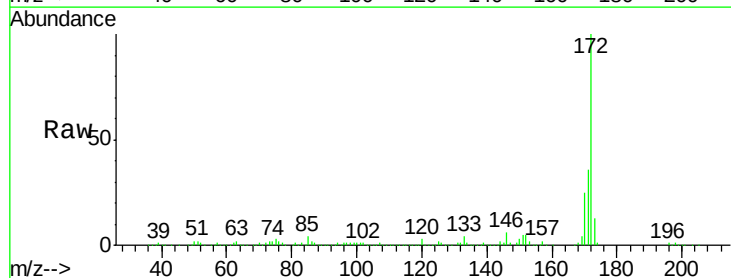


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

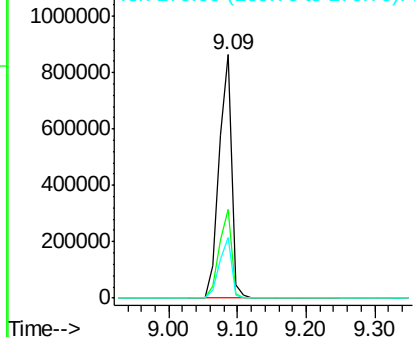
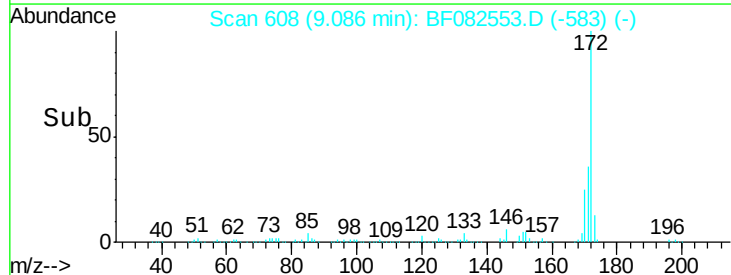


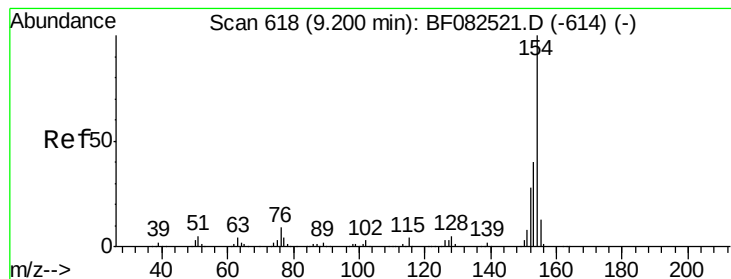
#44
 2-Fluorobiphenyl
 Concen: 116.55 ng
 RT: 9.09 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion:172 Resp: 1116465
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.3 43.9
 170 24.7 19.8 29.6



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: 51.03 ng

RT: 9.18 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

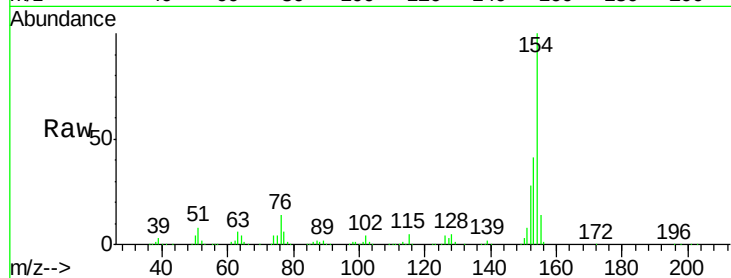
Tgt Ion:154 Resp: 578499

Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

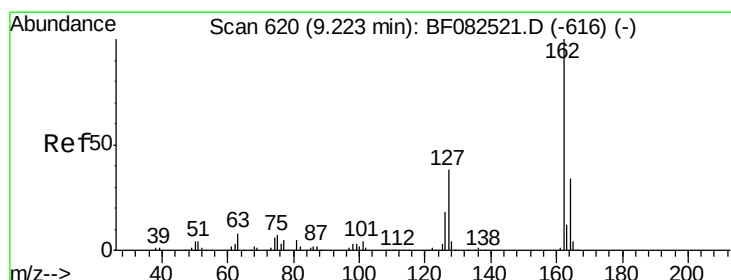
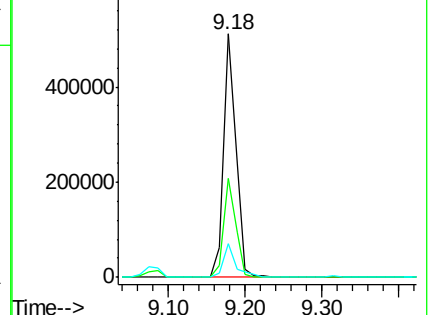
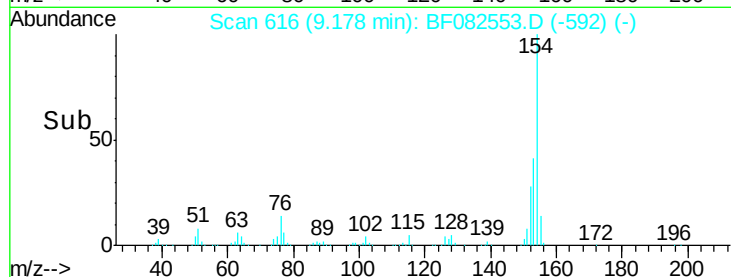
76 13.8 0.0 29.2



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: 52.74 ng

RT: 9.21 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

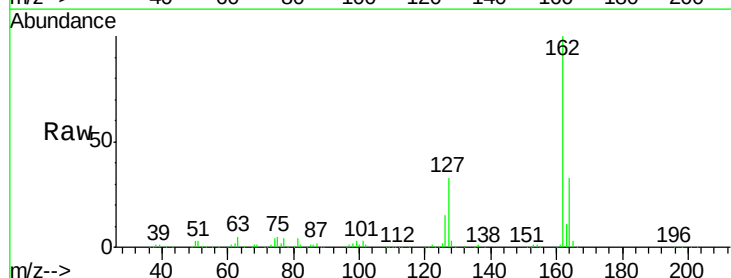
Tgt Ion:162 Resp: 471231

Ion Ratio Lower Upper

162 100

127 32.8 30.6 46.0

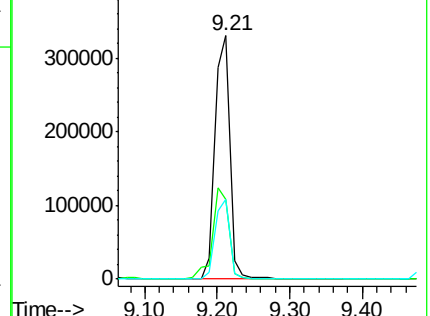
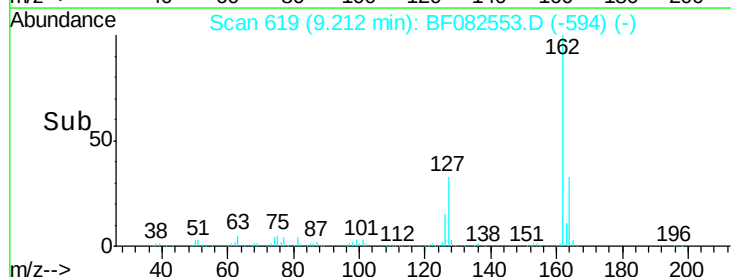
164 32.9 26.8 40.2

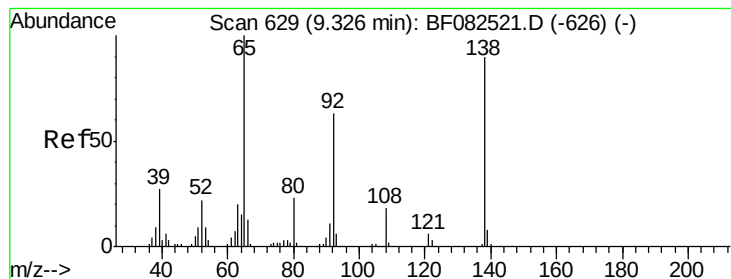


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.54 ng

RT: 9.31 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

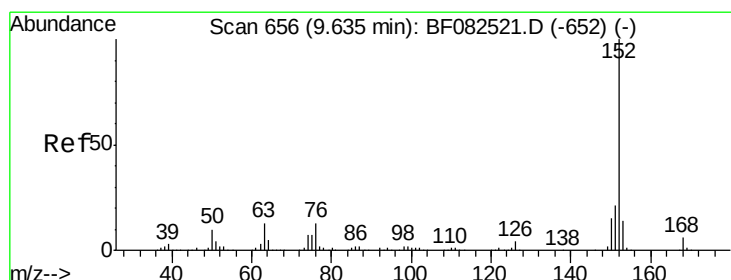
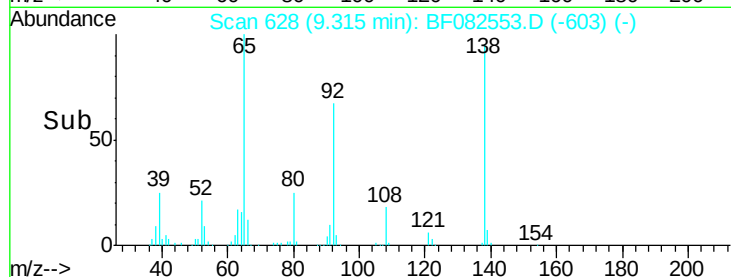
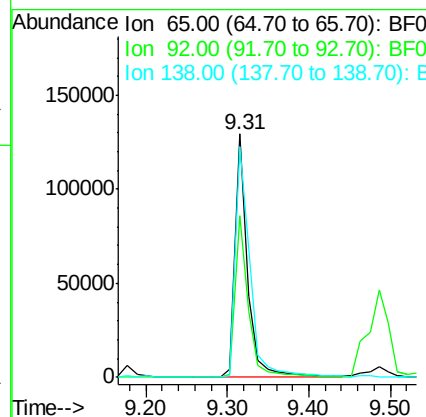
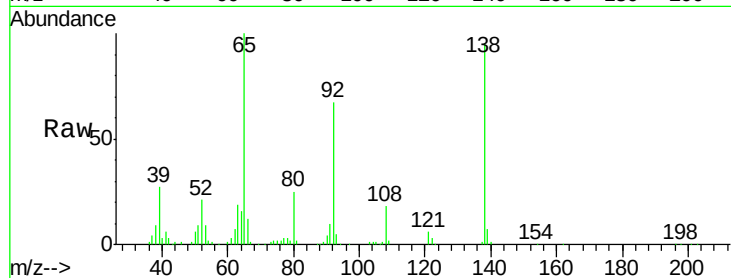
Tgt Ion: 65 Resp: 138933

Ion Ratio Lower Upper

65 100

92 66.5 50.6 76.0

138 94.9 71.8 107.6



#48

Acenaphthylene

Concen: 52.63 ng

RT: 9.62 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

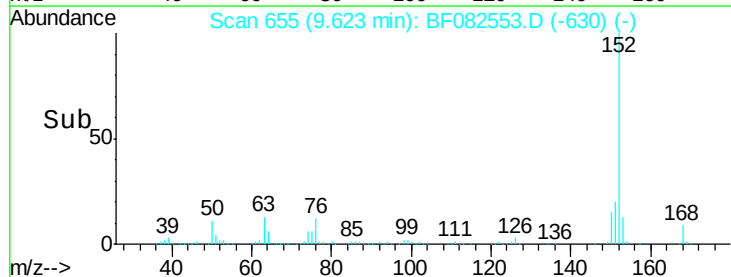
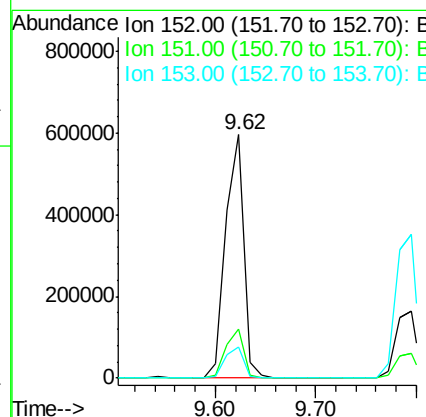
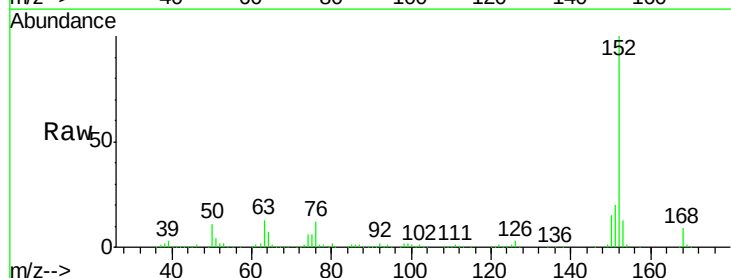
Tgt Ion: 152 Resp: 753125

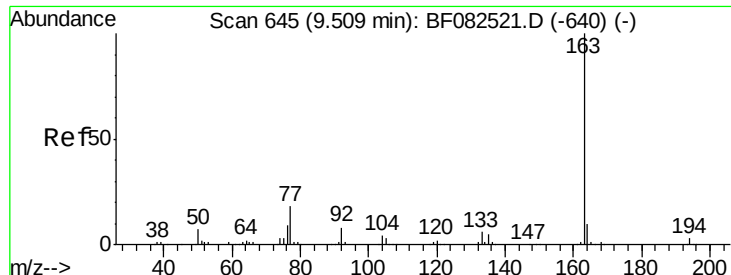
Ion Ratio Lower Upper

152 100

151 20.2 16.6 25.0

153 12.9 10.9 16.3





#49

Dimethylphthalate

Concen: 68.58 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

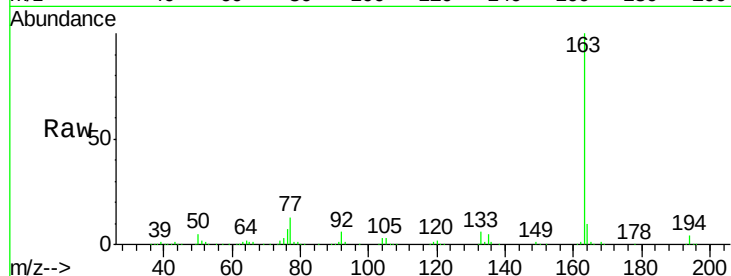
Tgt Ion:163 Resp: 726911

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

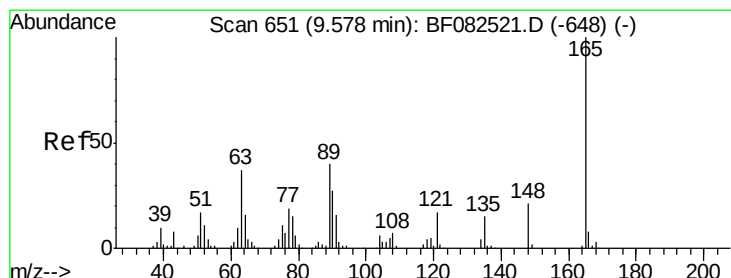
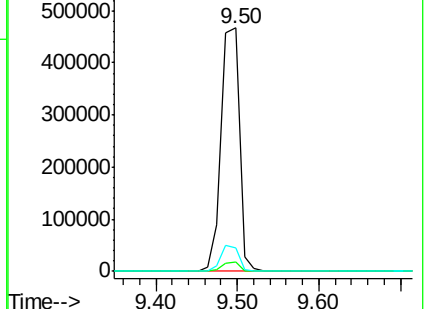
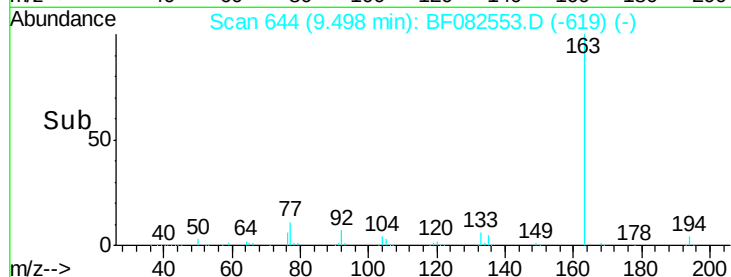
164 9.6 8.2 12.4



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: 50.89 ng

RT: 9.57 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

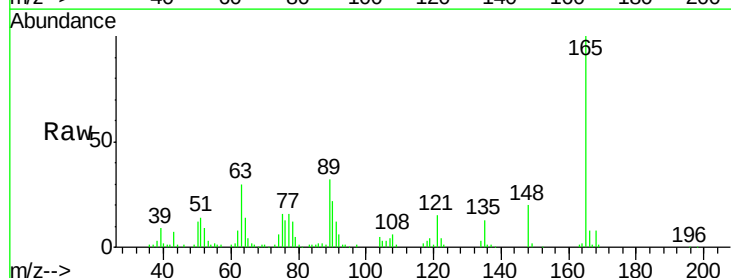
Tgt Ion:165 Resp: 118270

Ion Ratio Lower Upper

165 100

63 30.0 30.7 46.1#

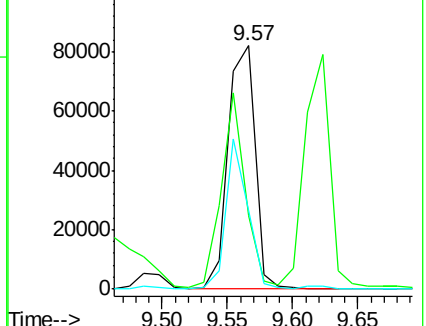
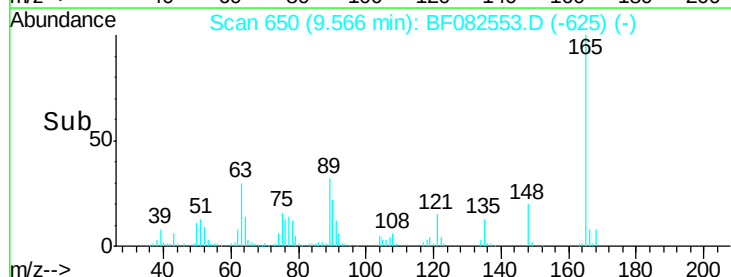
89 32.3 31.8 47.8

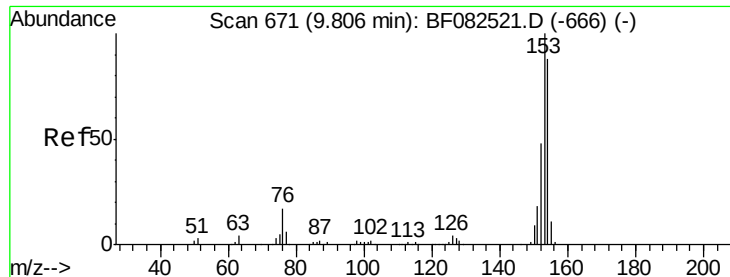


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 52.65 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

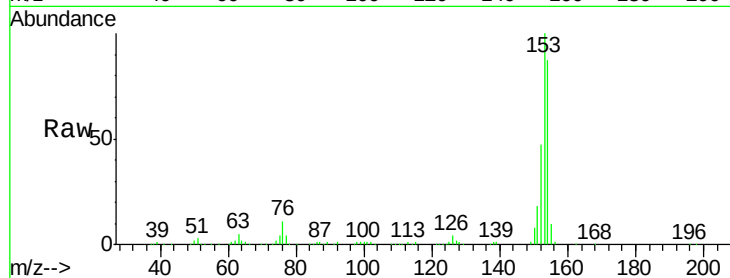
Tgt Ion:154 Resp: 432137

Ion Ratio Lower Upper

154 100

153 114.4 90.7 136.1

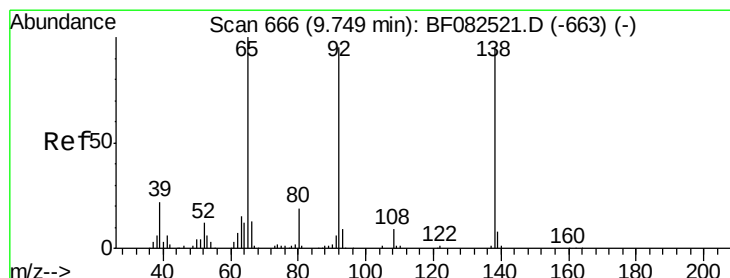
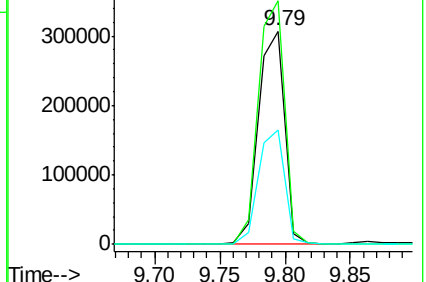
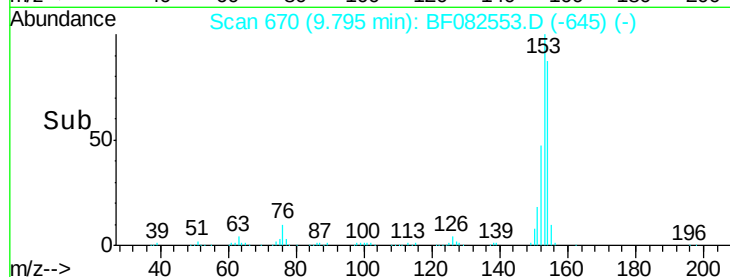
152 53.7 44.0 66.0



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: 34.37 ng

RT: 9.73 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

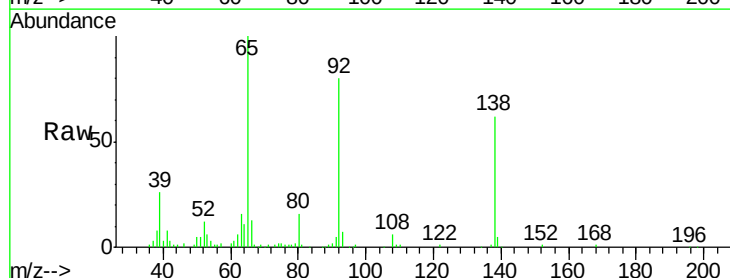
Tgt Ion:138 Resp: 86672

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.2

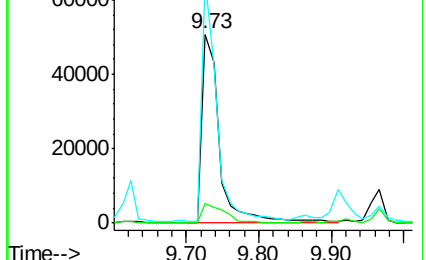
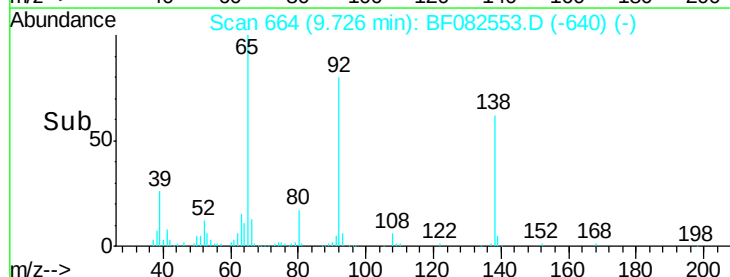
92 129.0 80.2 120.2#

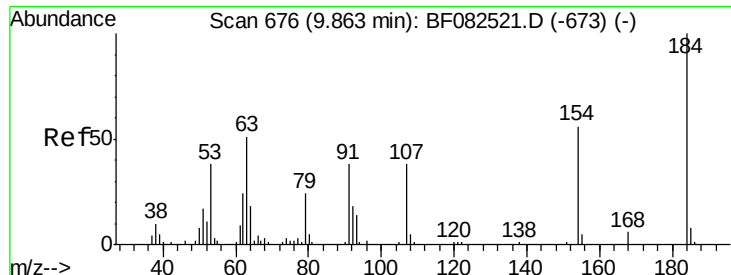


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

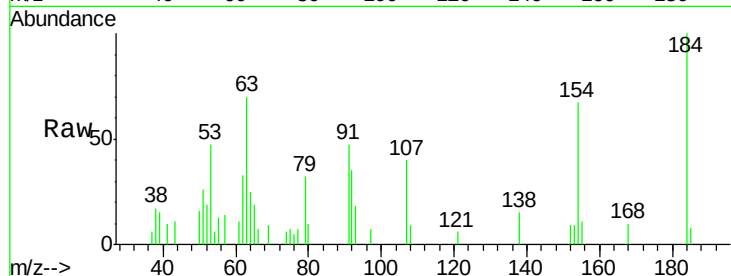




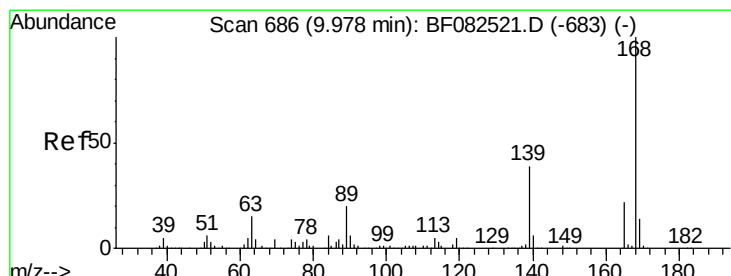
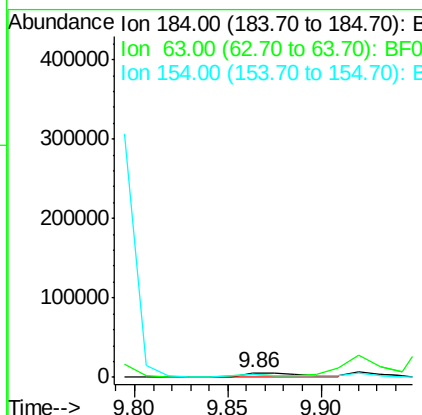
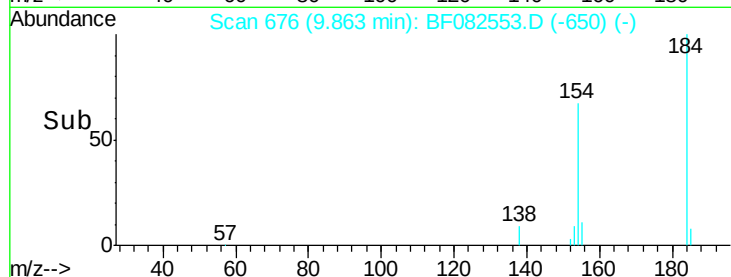
#53
 2,4-Dinitrophenol
 Concen: 20.84 ng
 RT: 9.86 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tgt Ion:184 Resp: 13858
 Ion Ratio Lower Upper
 184 100
 63 69.8 41.4 62.0#
 154 67.1 48.2 72.2

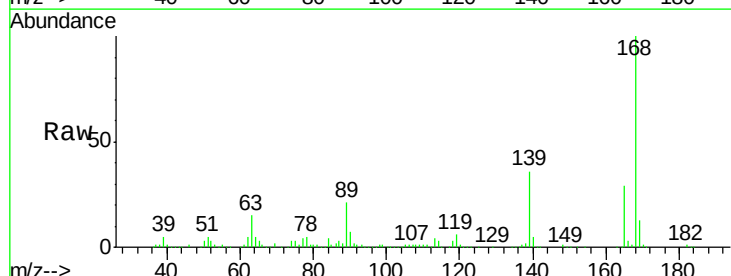


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

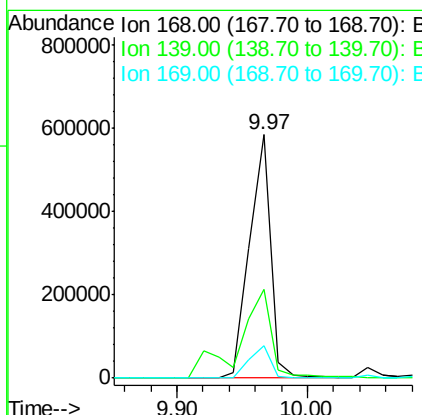
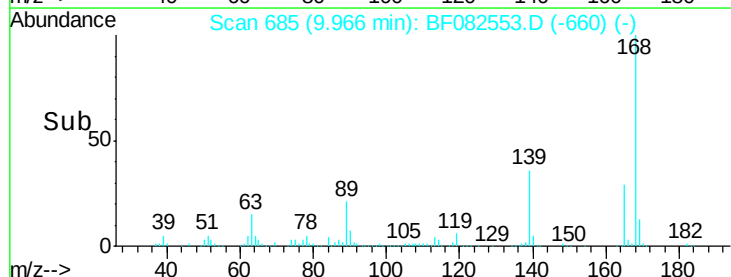


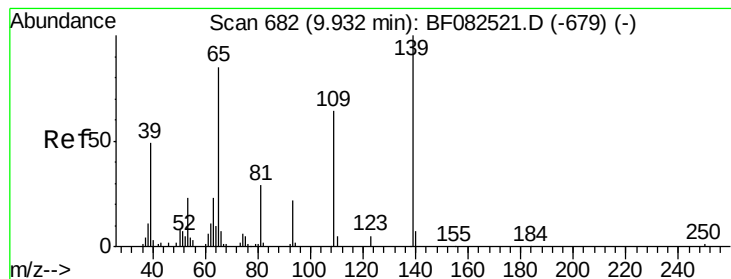
#54
 Dibenzofuran
 Concen: 55.16 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion:168 Resp: 660530
 Ion Ratio Lower Upper
 168 100
 139 36.3 33.0 49.6
 169 13.1 11.0 16.4



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: 197.73 ng

RT: 9.97 min Scan# 685

Delta R.T. 0.04 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

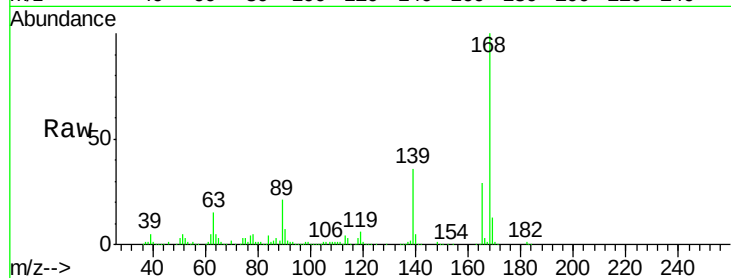
Tgt Ion:139 Resp: 384549

Ion Ratio Lower Upper

139 100

109 3.3 44.2 84.2#

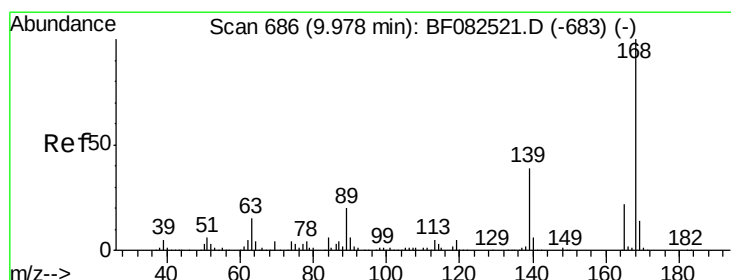
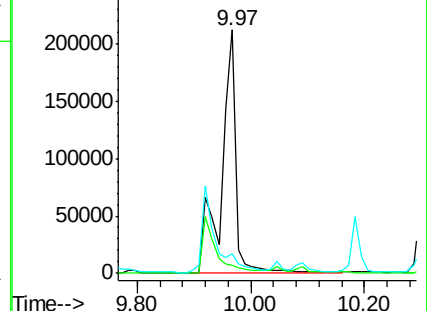
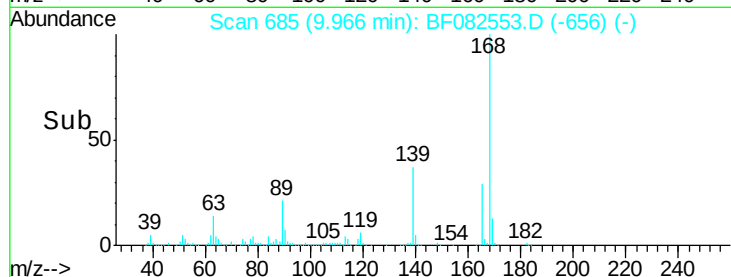
65 7.8 68.1 108.1#



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: 57.27 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Tgt Ion:165 Resp: 161408

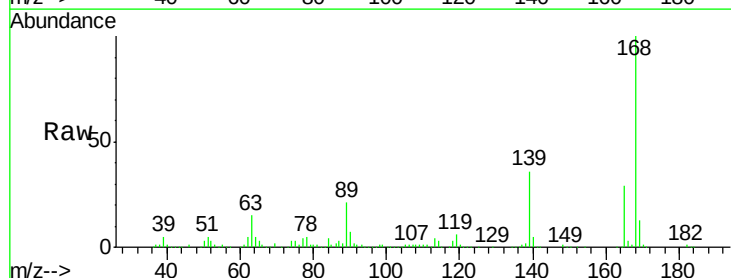
Ion Ratio Lower Upper

165 100

63 52.2 58.6 88.0#

89 72.1 72.3 108.5#

182 2.2 1.8 2.8

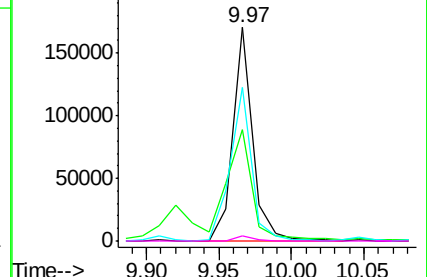
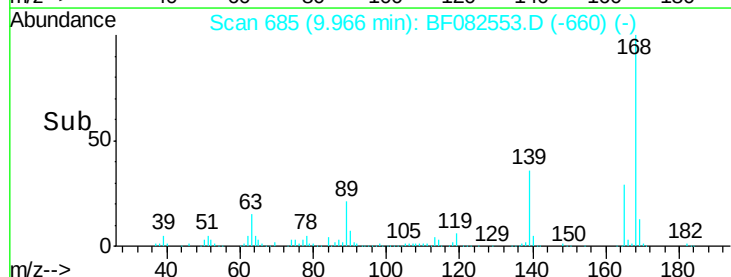


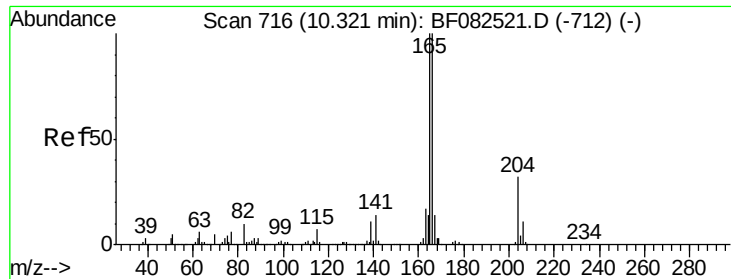
Abundance Ion 165.00 (164.70 to 165.70): E

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: 52.89 ng

RT: 10.31 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

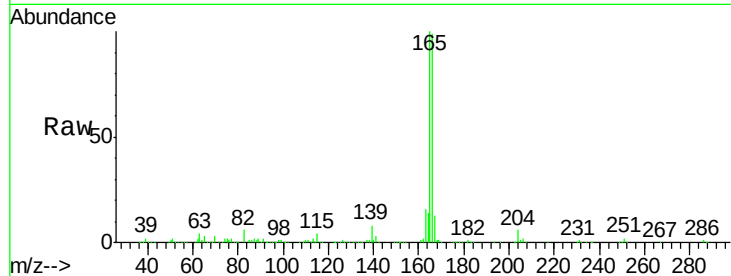
Tgt Ion:166 Resp: 519994

Ion Ratio Lower Upper

166 100

165 100.5 79.7 119.5

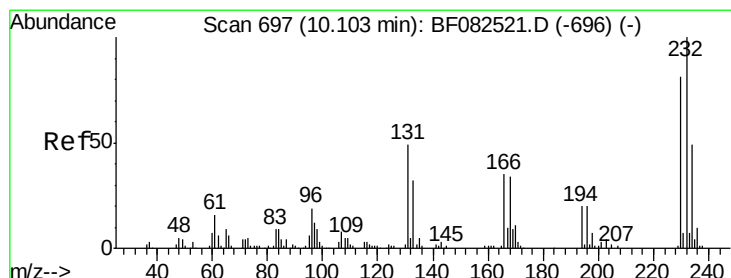
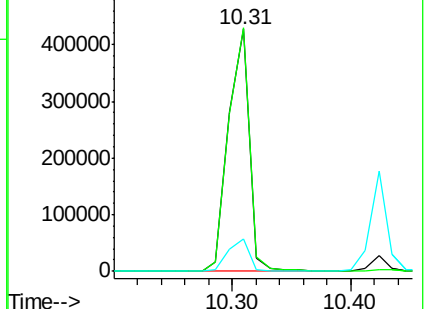
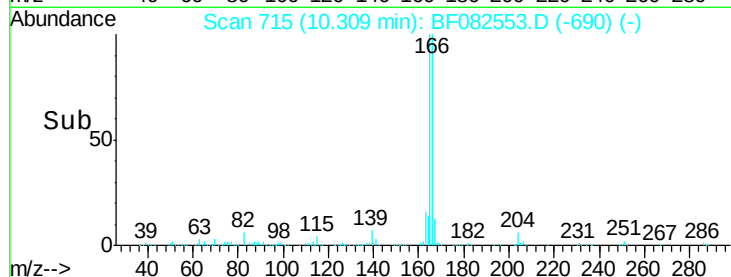
167 13.3 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.85 ng

RT: 10.09 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Tgt Ion:232 Resp: 119305

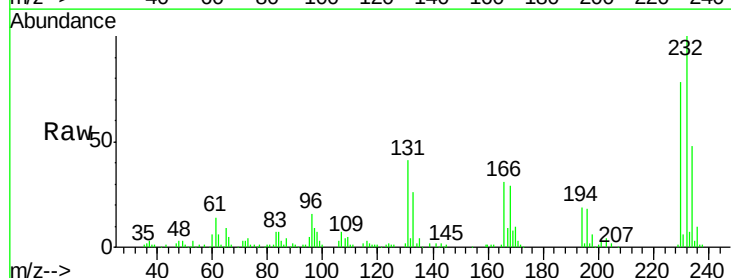
Ion Ratio Lower Upper

232 100

131 44.0 36.4 54.6

130 1.8 1.7 2.5

166 28.9 25.4 38.0

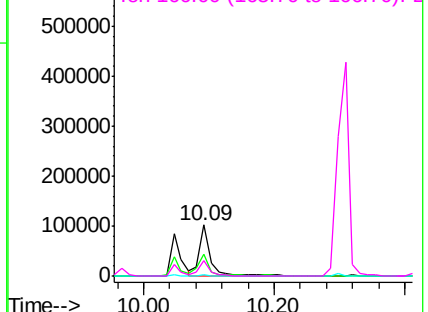
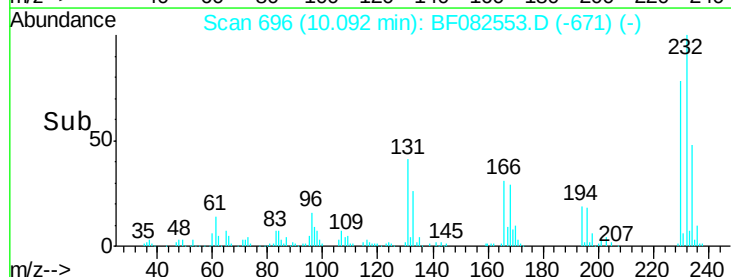


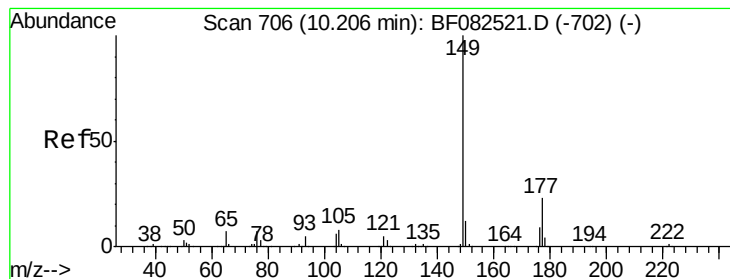
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.90 ng

RT: 10.18 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

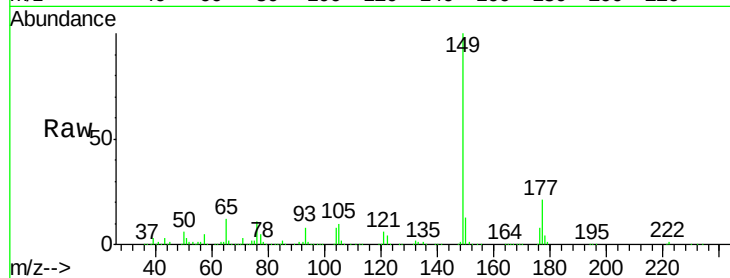
Tgt Ion:149 Resp: 504459

Ion Ratio Lower Upper

149 100

177 20.7 18.6 28.0

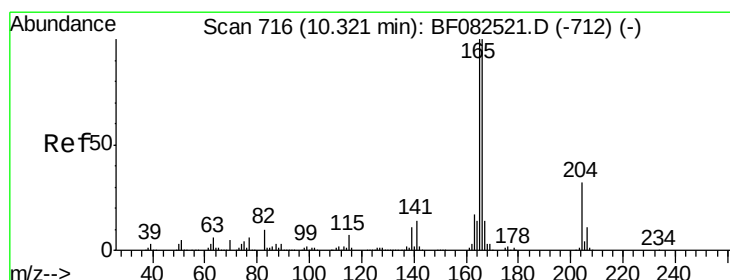
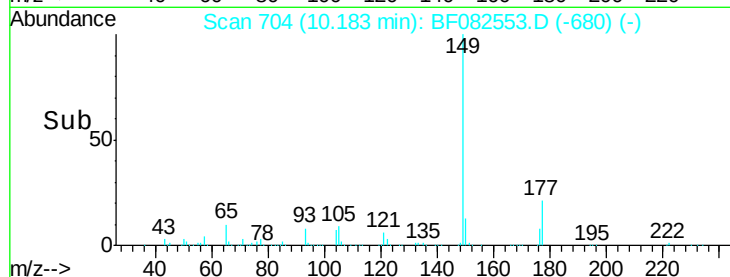
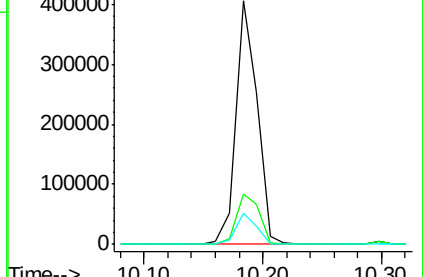
150 13.0 9.9 14.9



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: 55.34 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

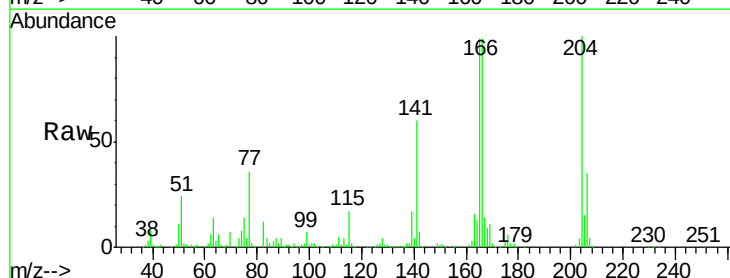
Tgt Ion:204 Resp: 255858

Ion Ratio Lower Upper

204 100

206 34.5 27.7 41.5

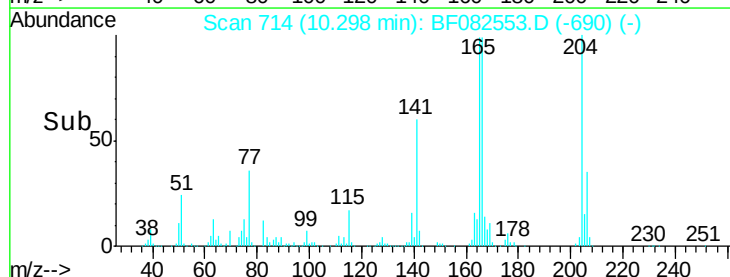
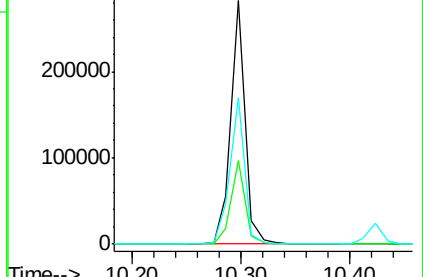
141 60.2 33.9 50.9#

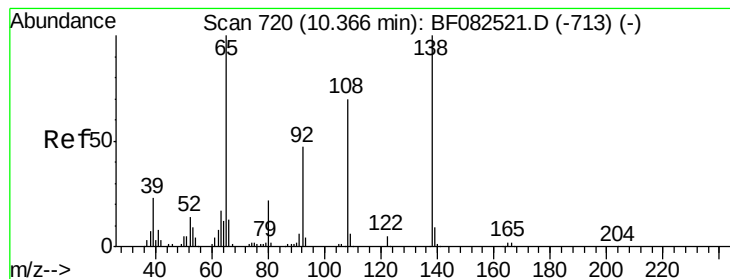


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 47.68 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

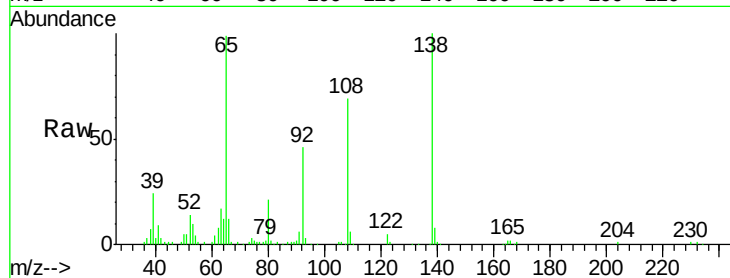
Tgt Ion:138 Resp: 120411

Ion Ratio Lower Upper

138 100

92 46.2 27.3 67.3

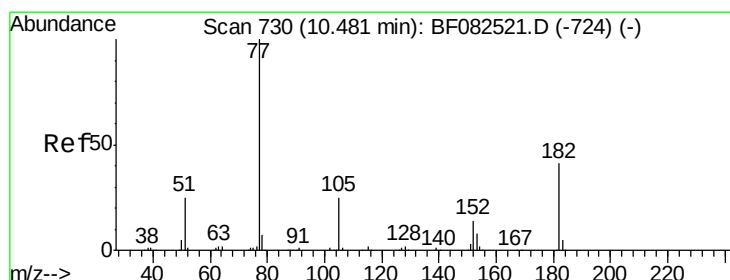
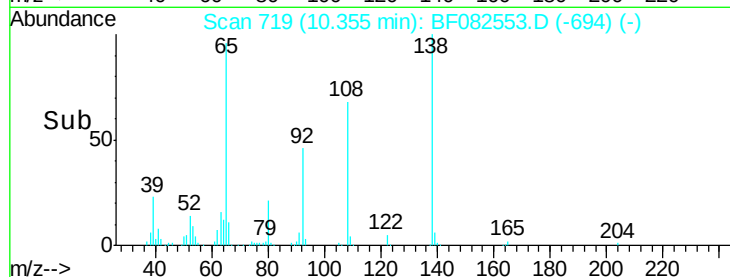
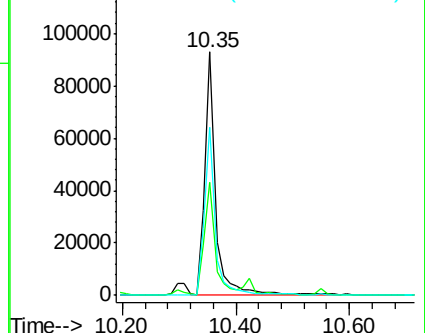
108 69.0 49.8 89.8



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: 55.15 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Tgt Ion: 77 Resp: 549515

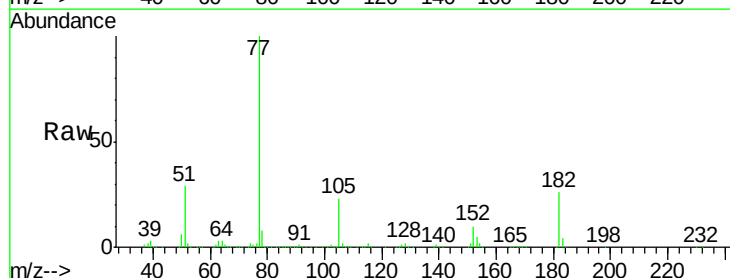
Ion Ratio Lower Upper

77 100

182 25.7 20.8 60.8

105 22.7 5.8 45.8

51 29.4 5.3 45.3

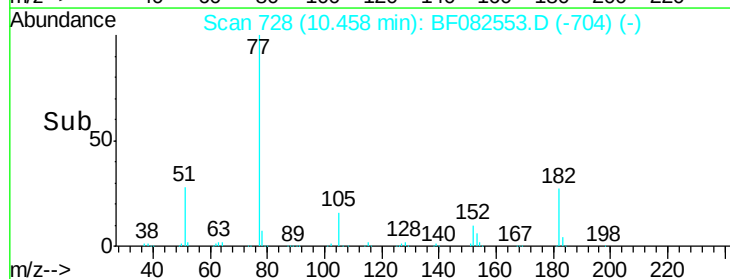
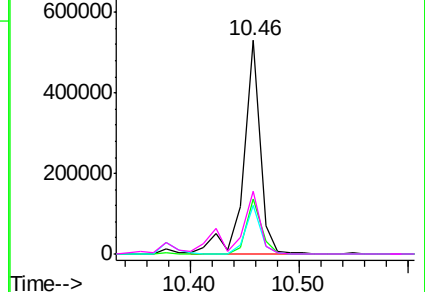


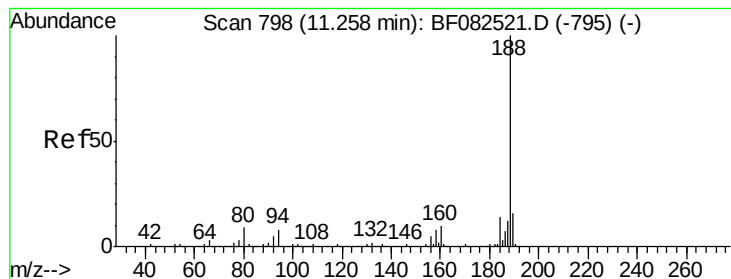
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.25 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

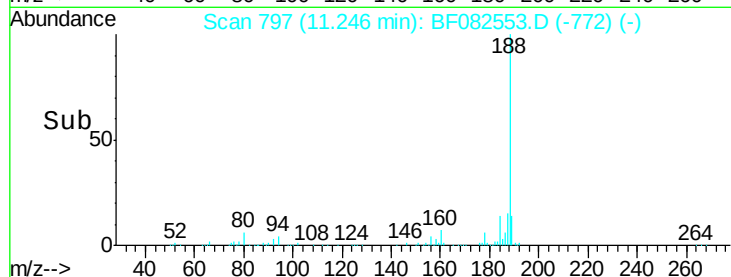
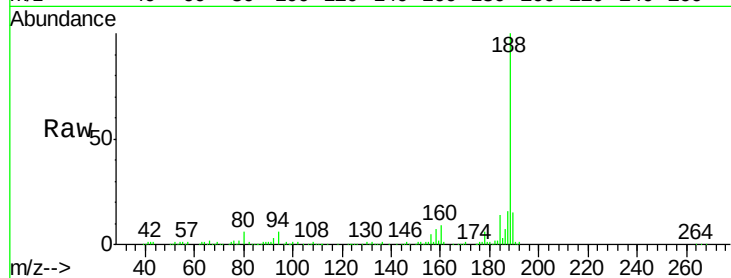
Tgt Ion:188 Resp: 285445

Ion Ratio Lower Upper

188 100

94 5.7 6.4 9.6#

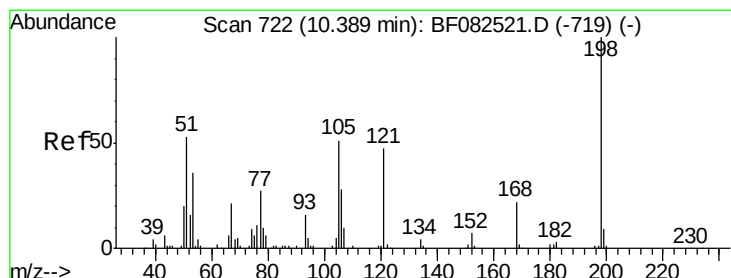
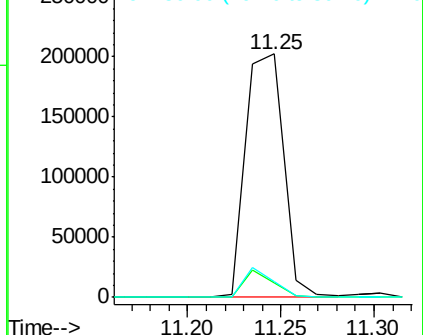
80 6.2 7.0 10.6#



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: 42.08 ng

RT: 10.38 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

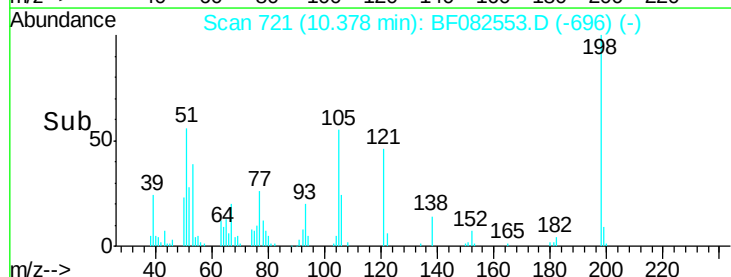
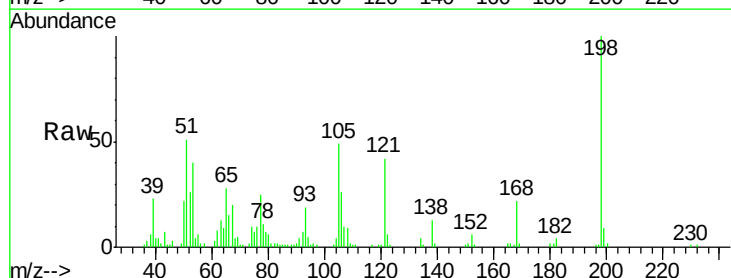
Tgt Ion:198 Resp: 70473

Ion Ratio Lower Upper

198 100

51 51.1 38.2 78.2

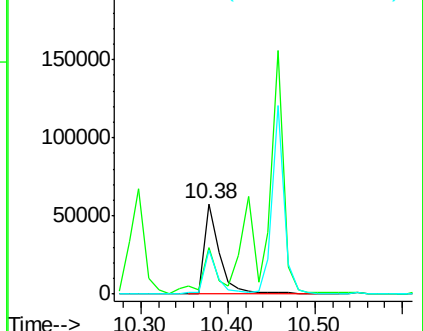
105 49.4 32.2 72.2

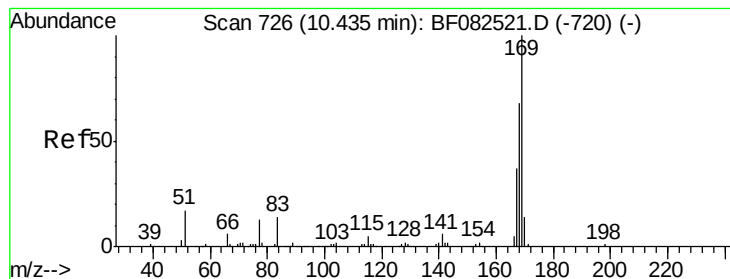


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 53.84 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

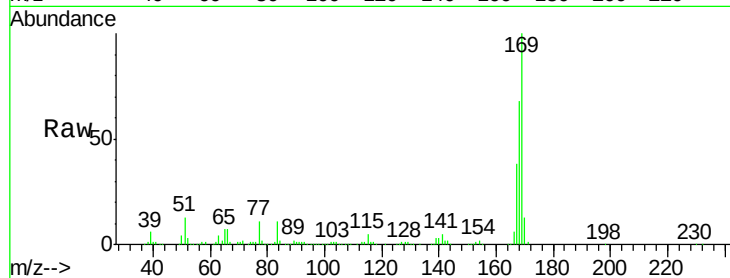
Tgt Ion:169 Resp: 464988

Ion Ratio Lower Upper

169 100

168 67.6 54.8 82.2

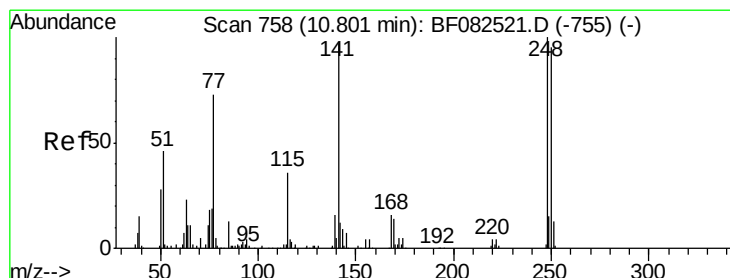
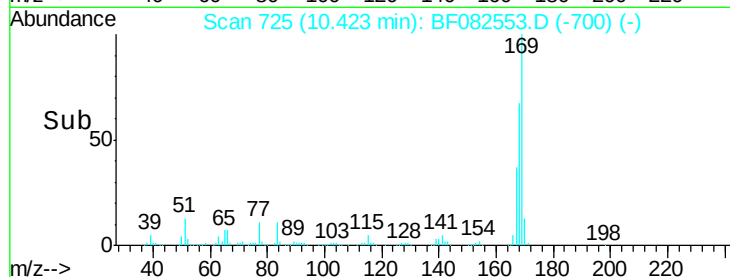
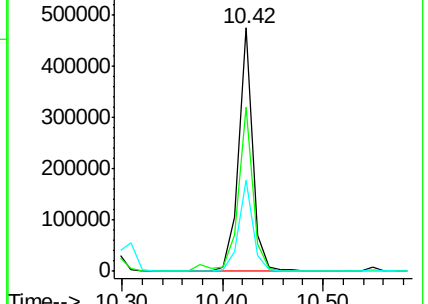
167 37.5 29.5 44.3



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: 56.97 ng

RT: 10.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

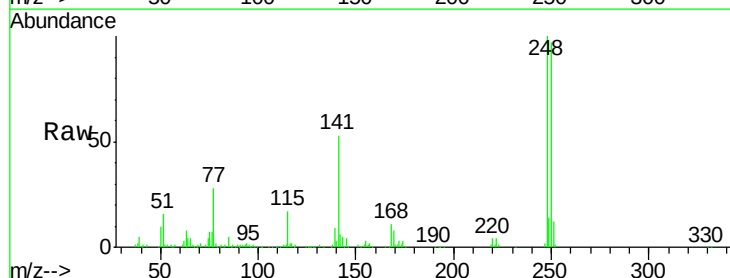
Tgt Ion:248 Resp: 152617

Ion Ratio Lower Upper

248 100

250 97.2 76.0 114.0

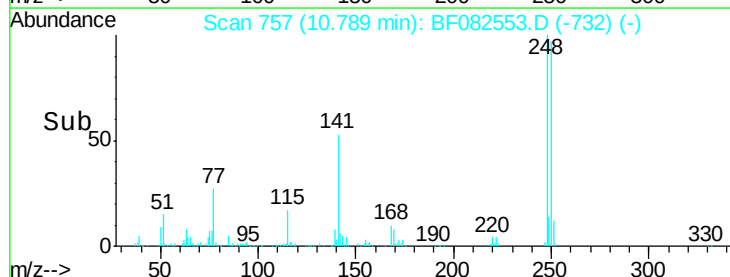
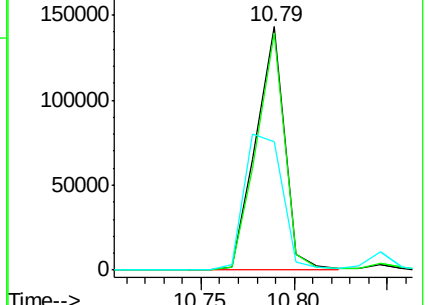
141 52.6 77.5 116.3#

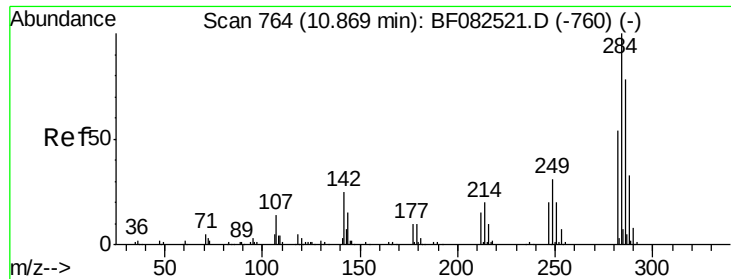


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 53.45 ng

RT: 10.85 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

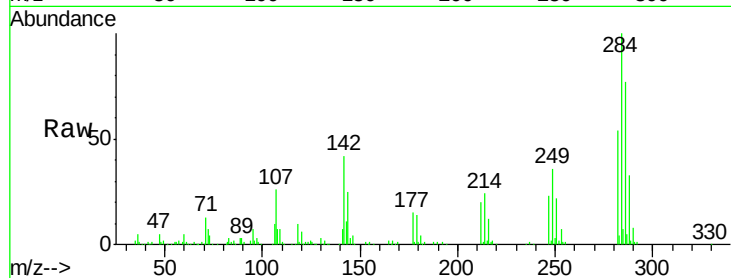
Tgt Ion:284 Resp: 152712

Ion Ratio Lower Upper

284 100

142 42.1 20.3 30.5#

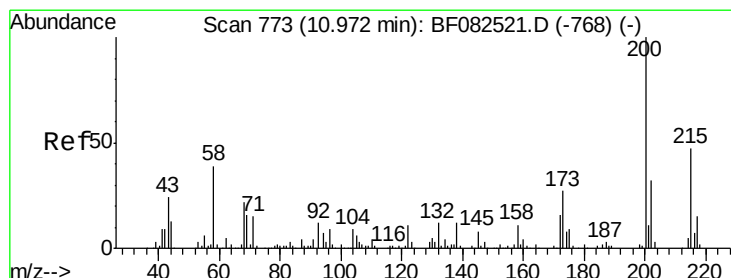
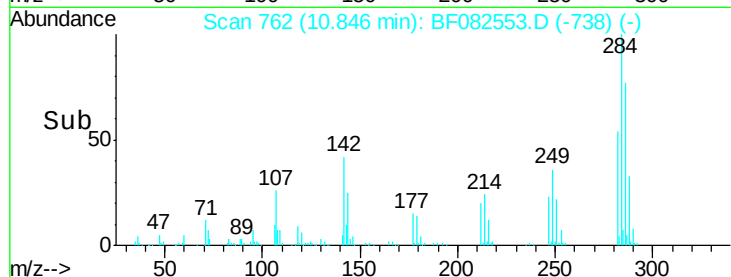
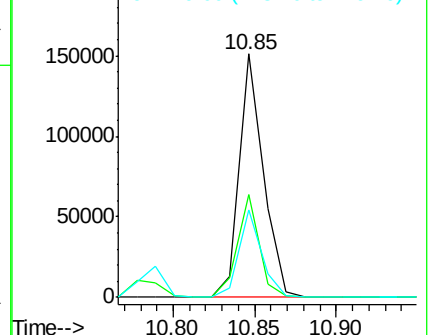
249 35.7 25.3 37.9



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: 54.59 ng

RT: 10.96 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

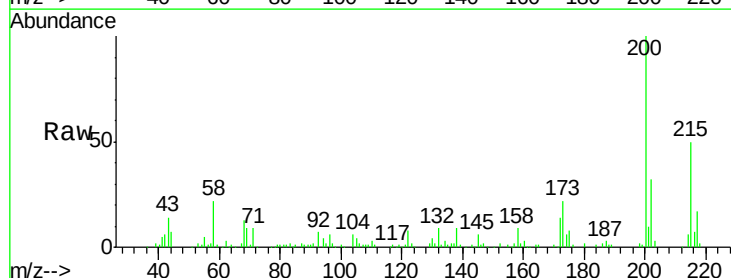
Tgt Ion:200 Resp: 145959

Ion Ratio Lower Upper

200 100

173 22.3 7.2 47.2

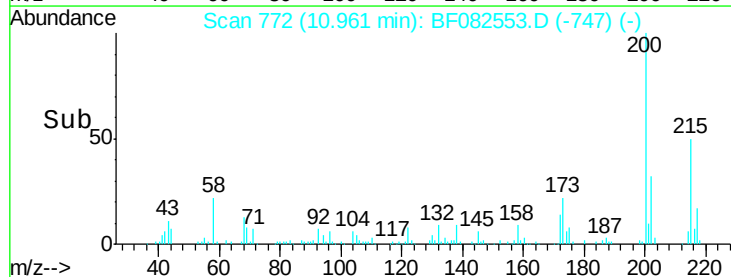
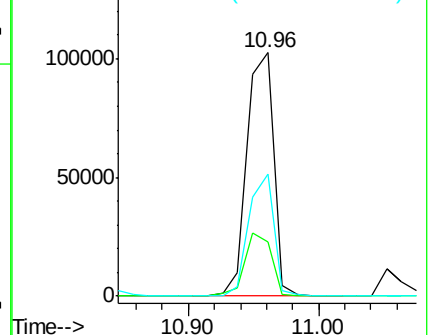
215 50.3 27.0 67.0

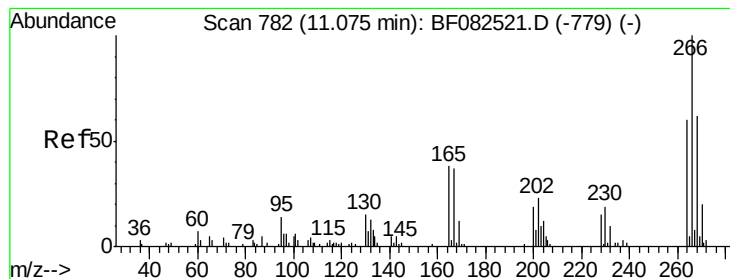


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 68.88 ng

RT: 11.05 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

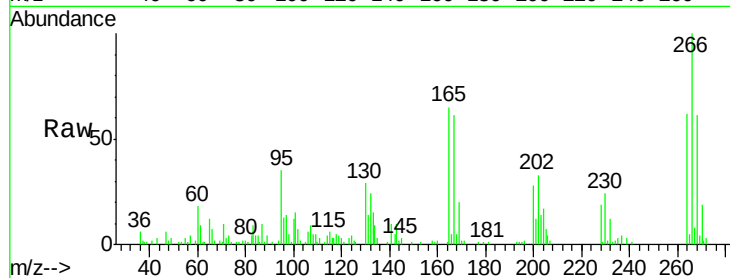
Tgt Ion:266 Resp: 78971

Ion Ratio Lower Upper

266 100

268 61.0 49.5 74.3

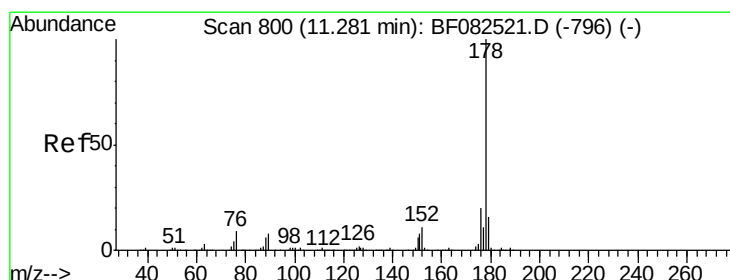
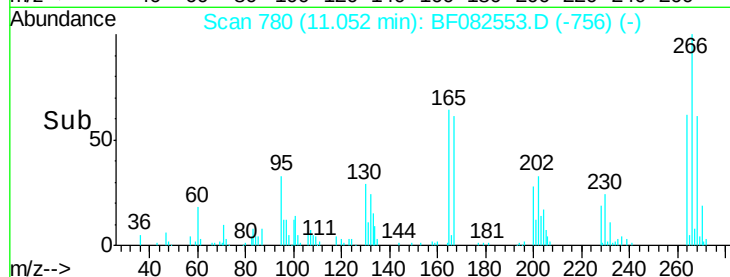
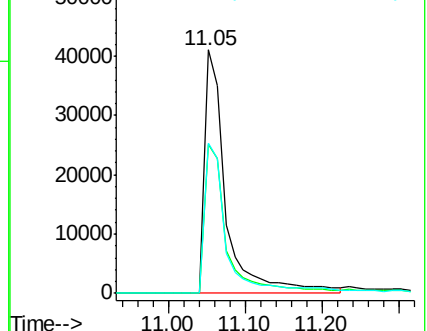
264 61.9 48.0 72.0



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: 54.70 ng

RT: 11.27 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

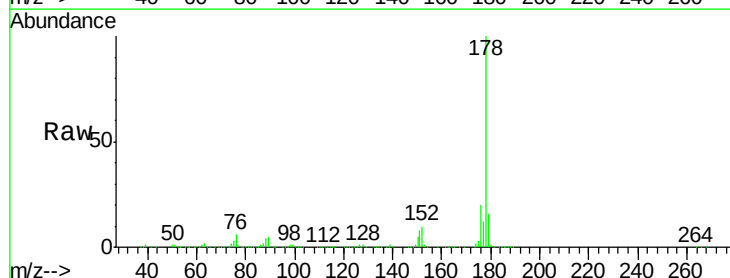
Tgt Ion:178 Resp: 803571

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

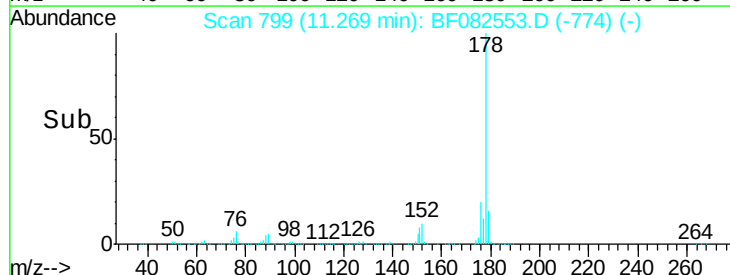
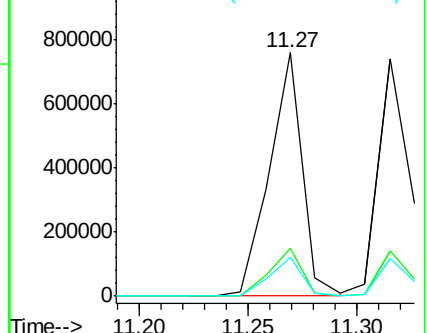
179 15.7 12.8 19.2

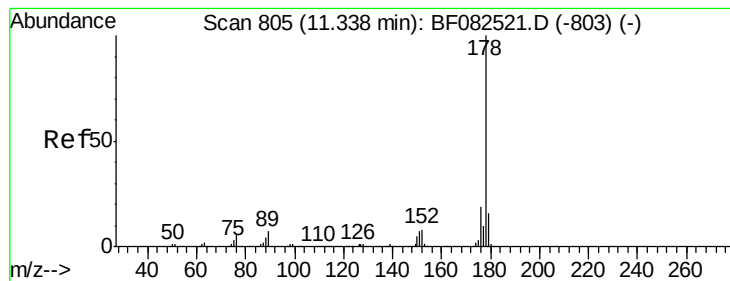


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 52.37 ng

RT: 11.31 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

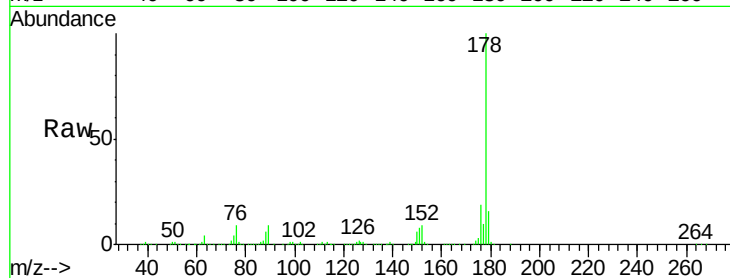
Tgt Ion:178 Resp: 774760

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

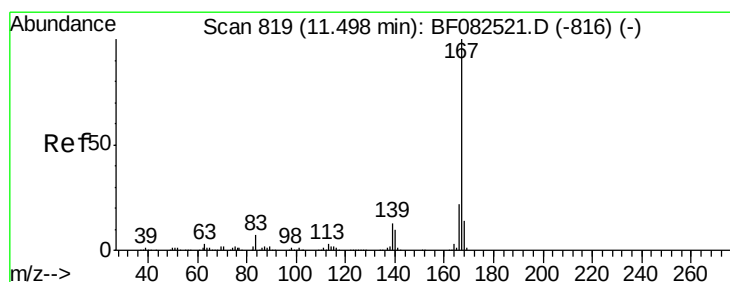
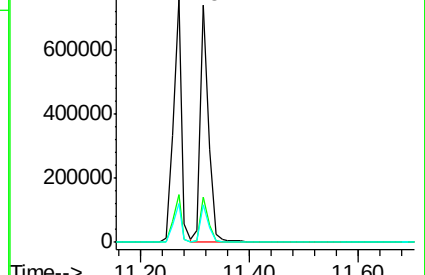
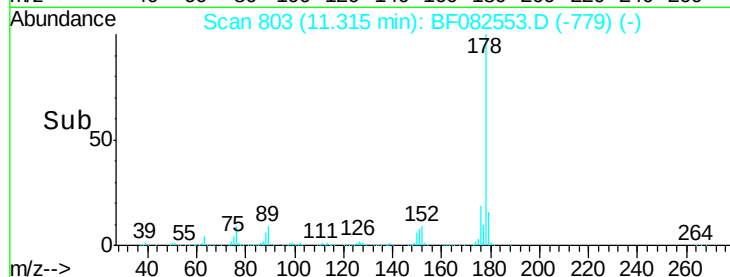
179 16.0 12.6 19.0



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: 52.52 ng

RT: 11.49 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

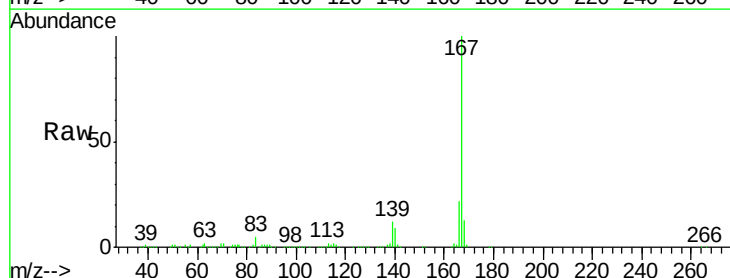
Tgt Ion:167 Resp: 685113

Ion Ratio Lower Upper

167 100

166 22.2 17.9 26.9

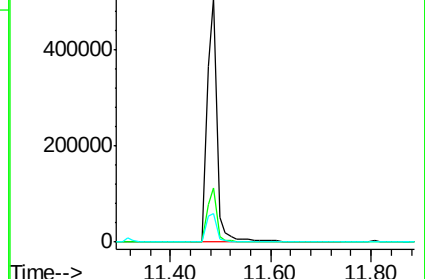
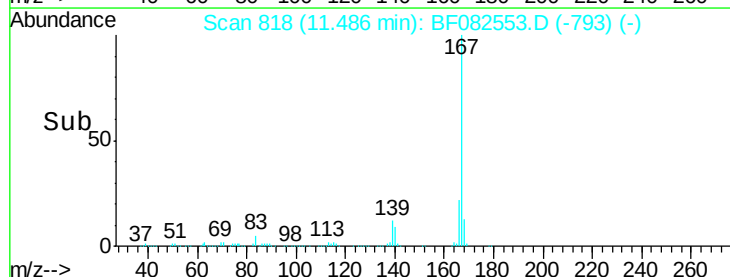
139 11.6 10.4 15.6

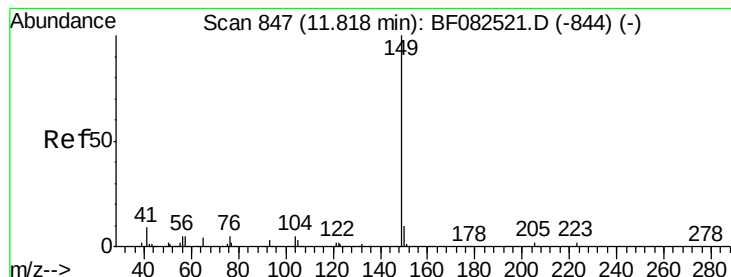


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 57.84 ng

RT: 11.81 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

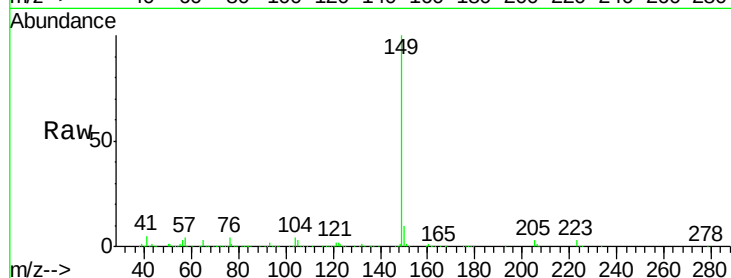
Tgt Ion:149 Resp: 900015

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

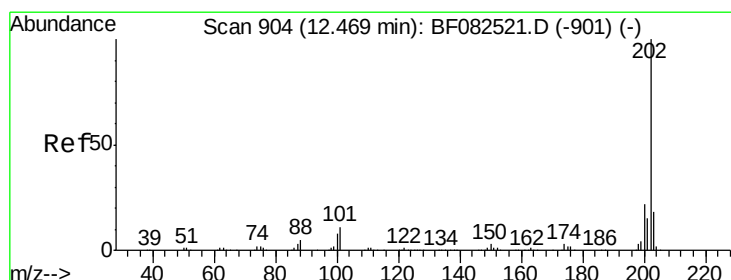
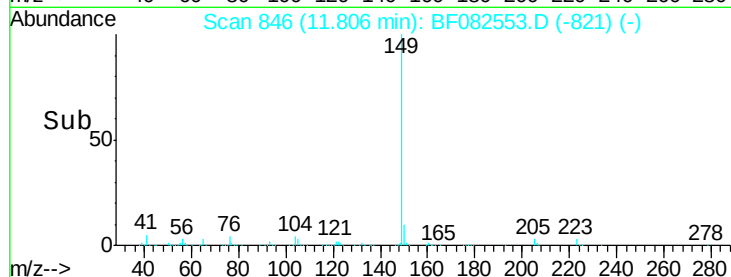
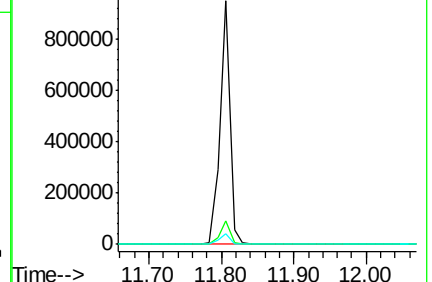
104 4.4 4.2 6.4



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: 53.77 ng

RT: 12.46 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

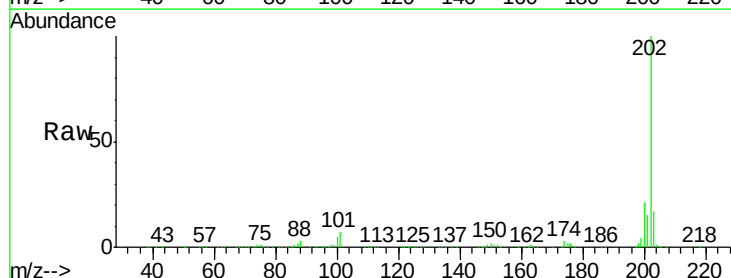
Tgt Ion:202 Resp: 810755

Ion Ratio Lower Upper

202 100

101 6.6 0.0 31.2

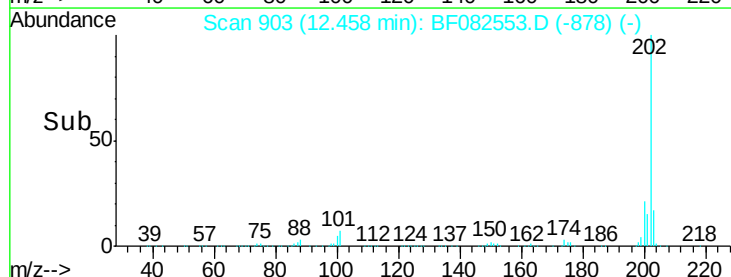
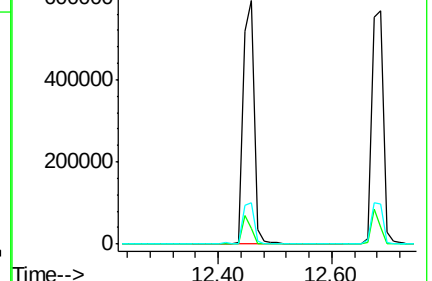
203 17.1 0.0 38.1

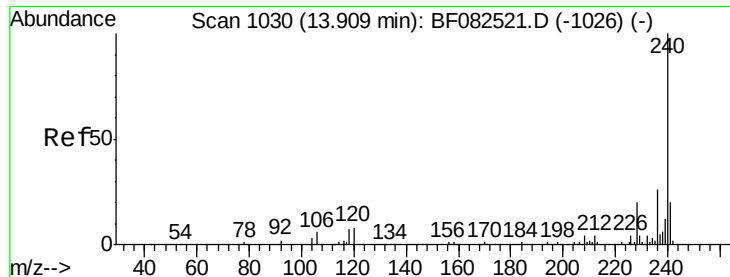


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

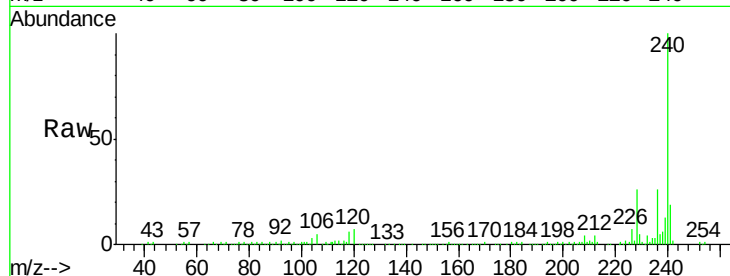
Tgt Ion:240 Resp: 210382

Ion Ratio Lower Upper

240 100

120 7.0 6.5 9.7

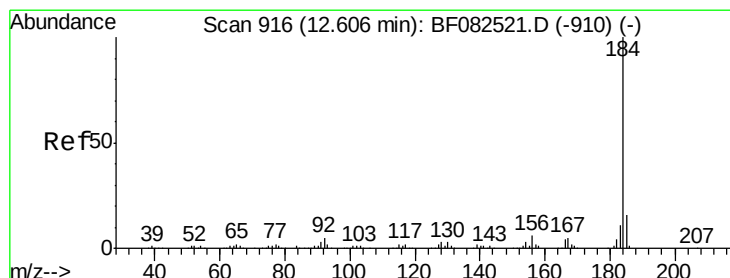
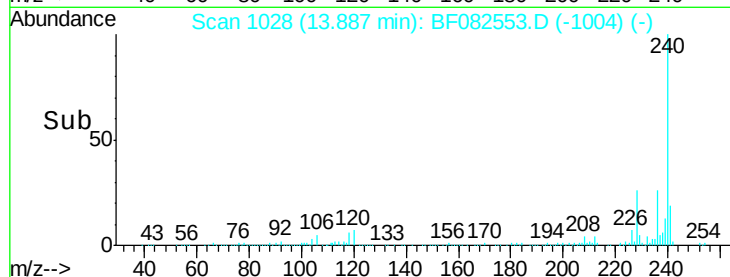
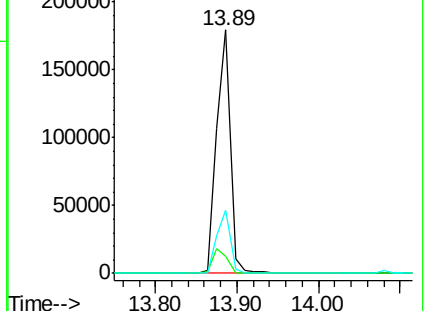
236 25.7 20.5 30.7



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: 30.23 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

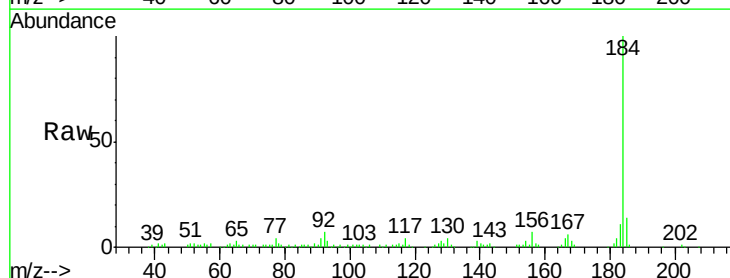
Tgt Ion:184 Resp: 174504

Ion Ratio Lower Upper

184 100

185 14.4 12.8 19.2

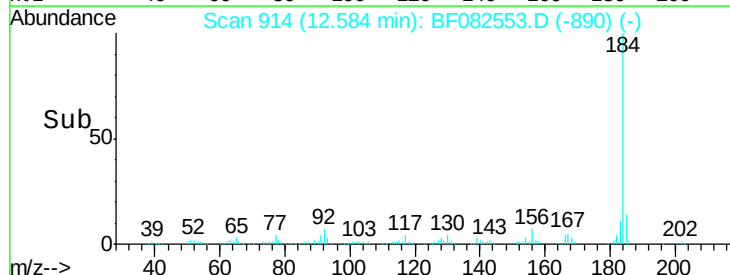
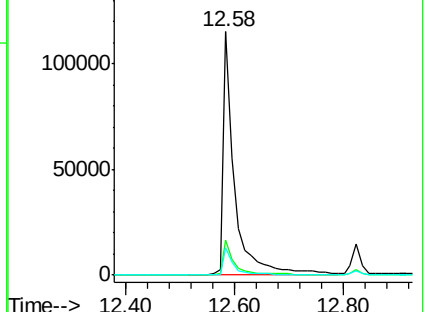
183 11.1 8.9 13.3

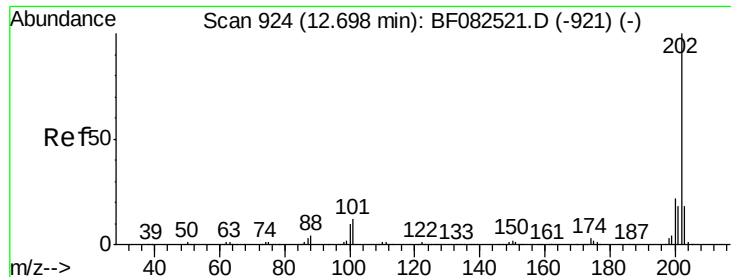


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

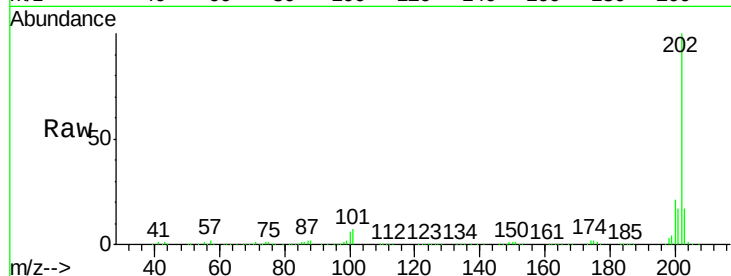




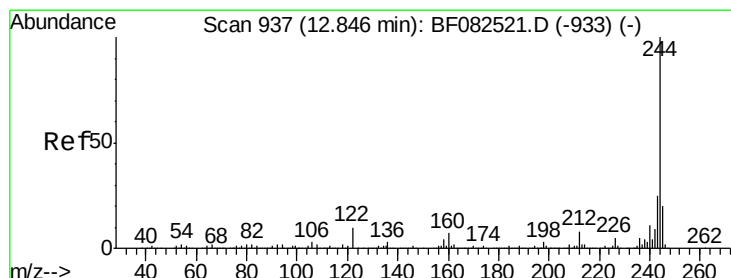
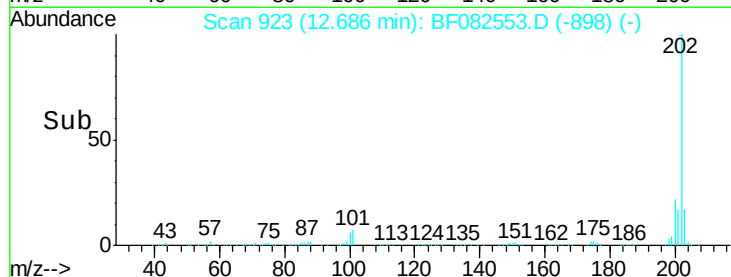
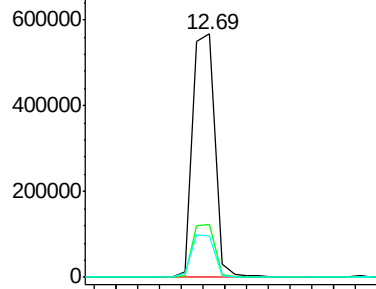
#77
 Pyrene
 Concen: 62.17 ng
 RT: 12.69 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tgt Ion: 202 Resp: 804481
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.6 26.4
 203 17.2 14.6 22.0

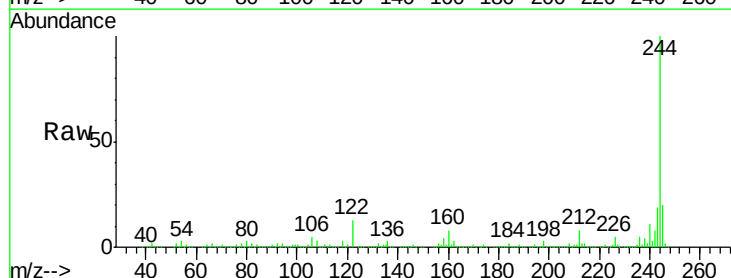


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

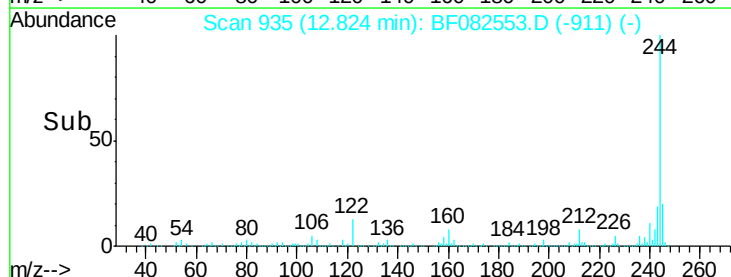
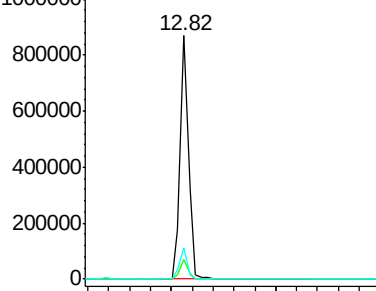


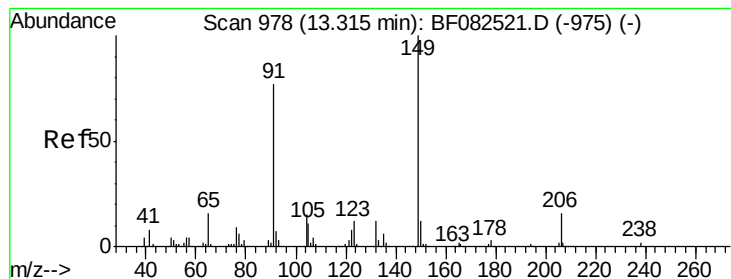
#78
 Terphenyl-d14
 Concen: 132.47 ng
 RT: 12.82 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion: 244 Resp: 967320
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.4 9.6
 122 12.6 8.1 12.1#



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: 63.68 ng

RT: 13.30 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

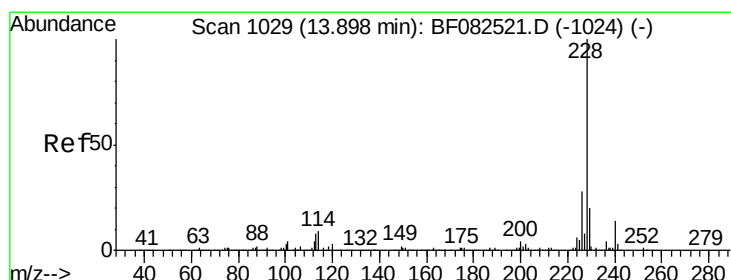
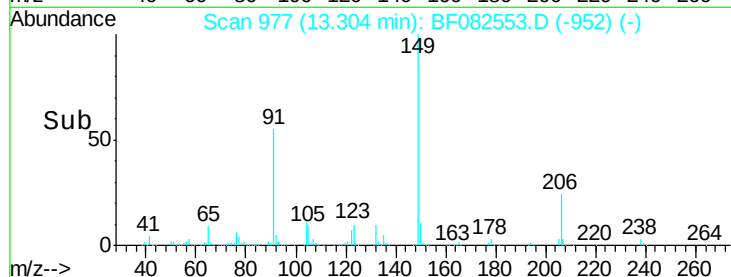
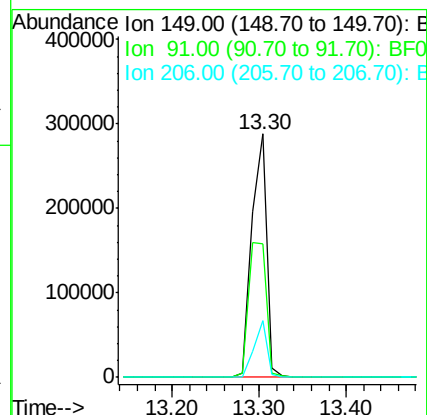
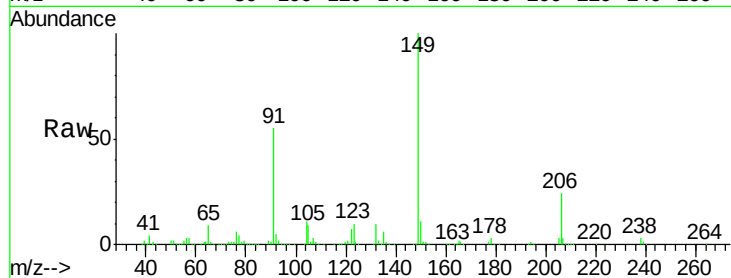
Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tgt Ion:	149	Resp:	346462
Ion Ratio	Lower	Upper	
149	100		
91	54.9	62.0	93.0#
206	23.5	13.0	19.4#



#80

Benzo(a)anthracene

Concen: 53.55 ng

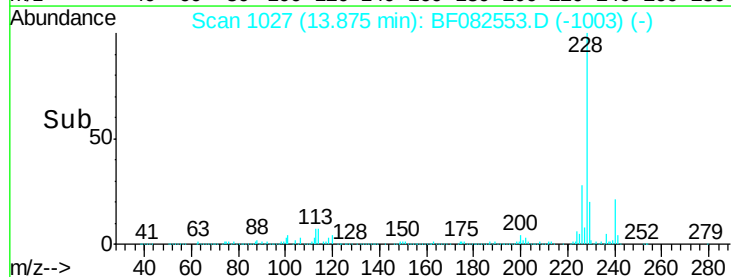
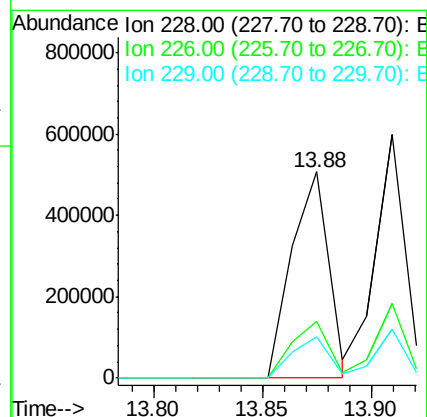
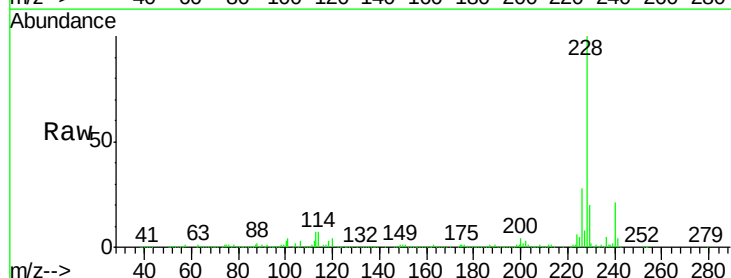
RT: 13.88 min Scan# 1027

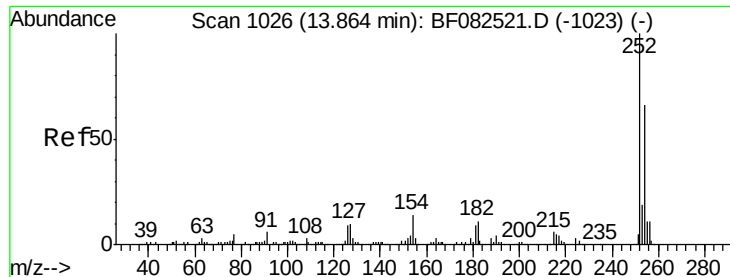
Delta R.T. -0.02 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Tgt Ion:	228	Resp:	603965
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.1	33.1
229	20.1	16.1	24.1

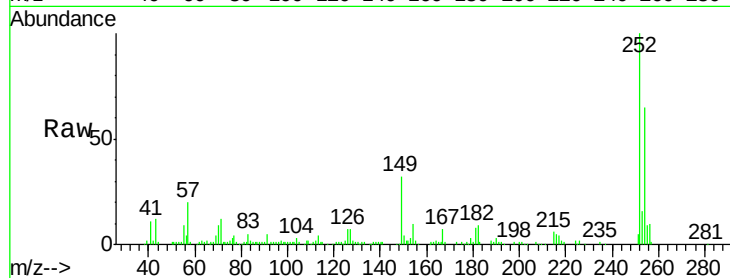




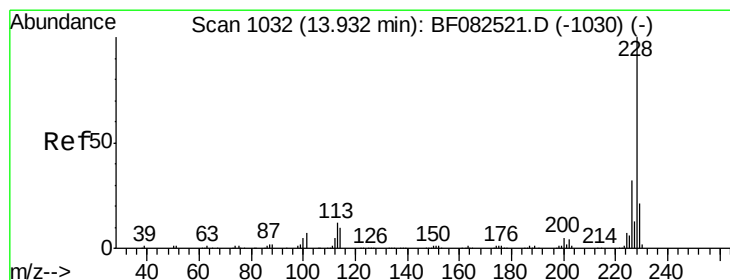
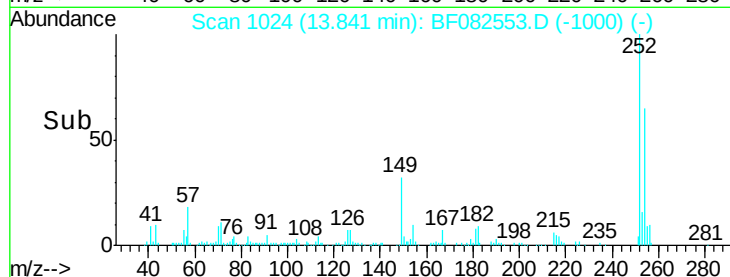
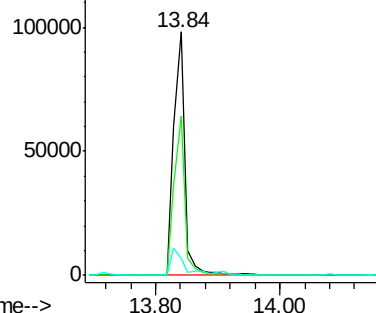
#81
 3,3'-Dichlorobenzidine
 Concen: 31.85 ng
 RT: 13.84 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tgt Ion:252 Resp: 124552
 Ion Ratio Lower Upper
 252 100
 254 65.3 53.0 79.6
 126 7.0 7.4 11.2#

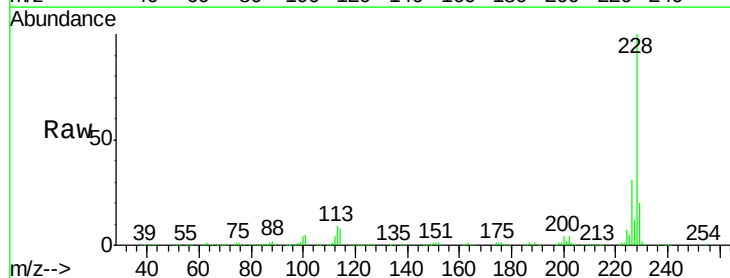


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

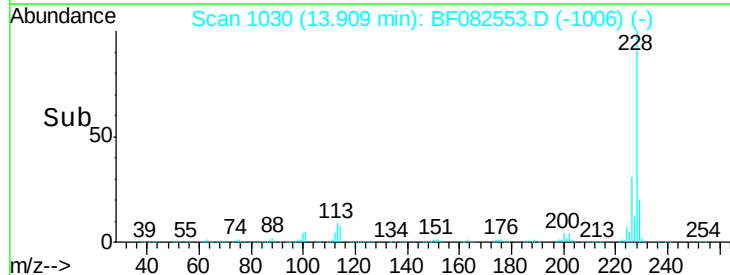
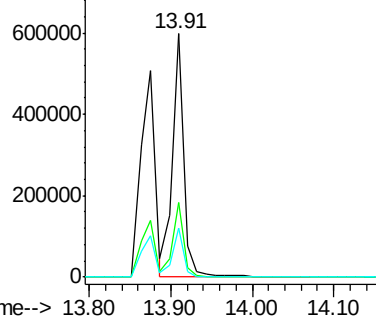


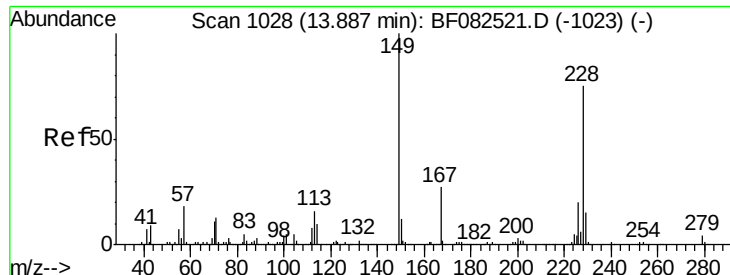
#82
 Chrysene
 Concen: 55.63 ng
 RT: 13.91 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion:228 Resp: 592689
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.2 37.8
 229 20.0 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

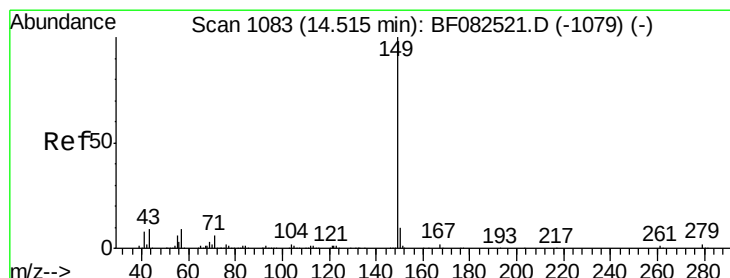
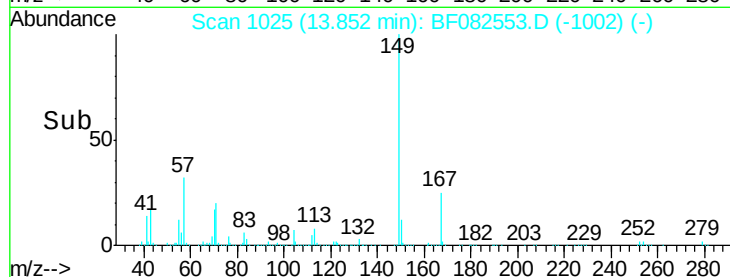
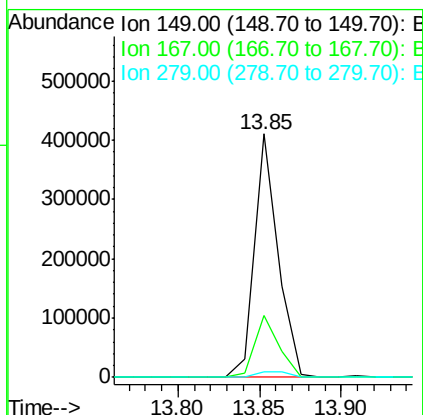
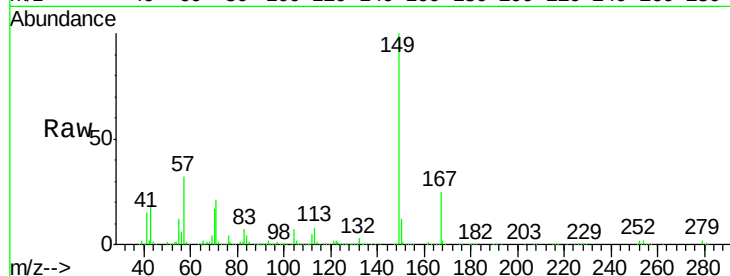




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.84 ng
 RT: 13.85 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

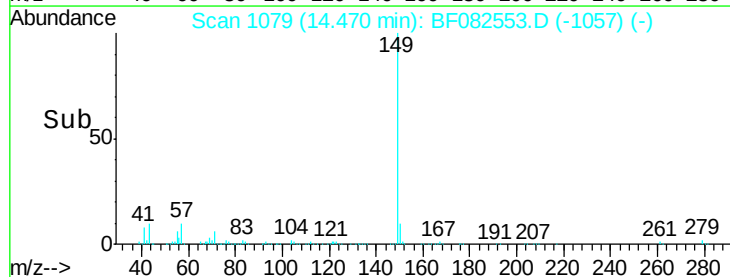
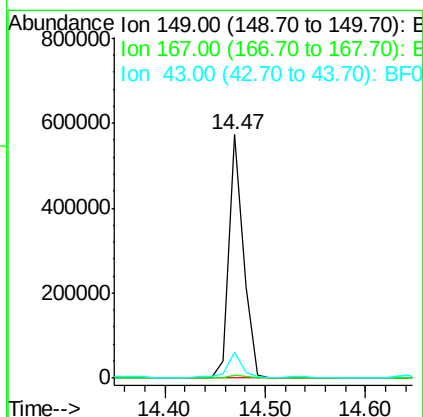
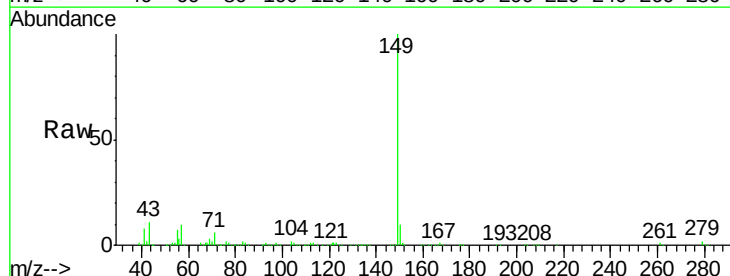
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

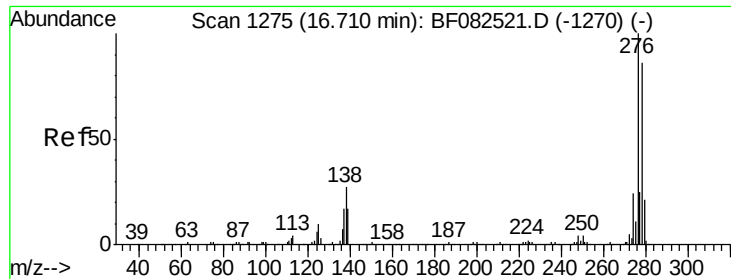
Tgt Ion:149 Resp: 414168
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.8 32.6
 279 2.1 3.0 4.6#



#84
 Di-n-octyl phthalate
 Concen: 47.78 ng
 RT: 14.47 min Scan# 1079
 Delta R.T. -0.05 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion:149 Resp: 574571
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.5 7.7 11.5

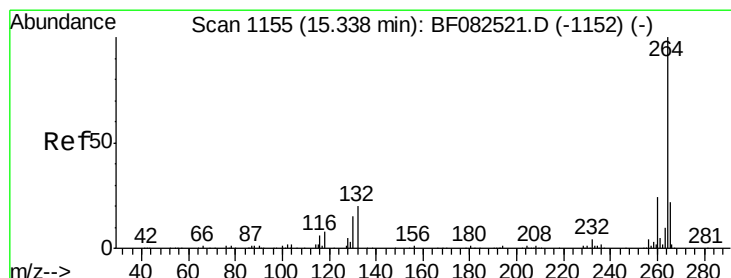
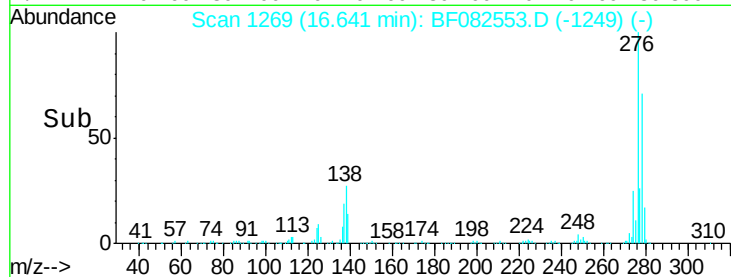
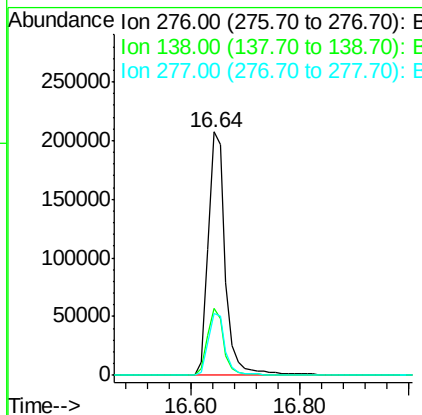
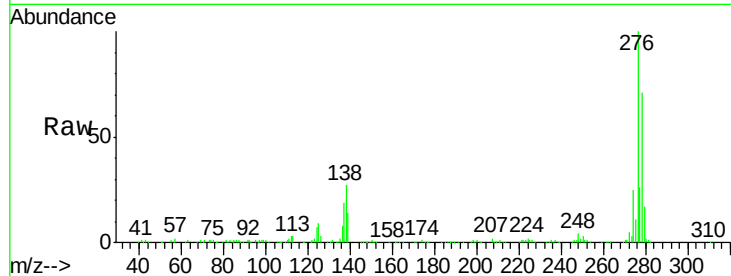




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.04 ng
 RT: 16.64 min Scan# 1269
 Delta R.T. -0.07 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

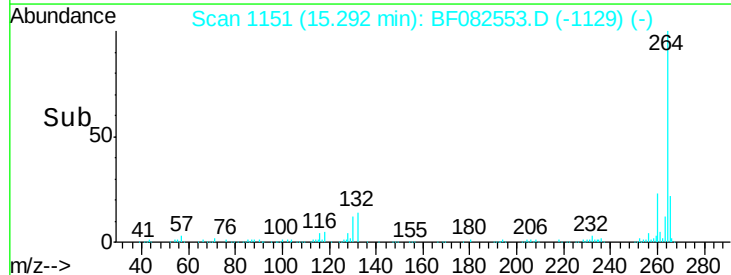
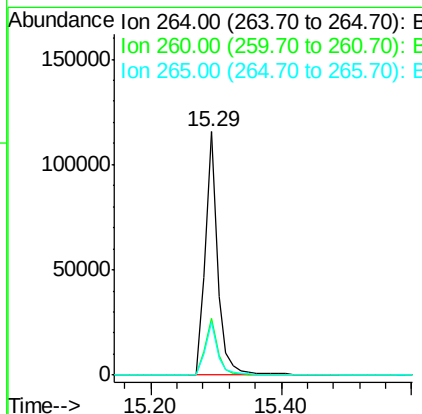
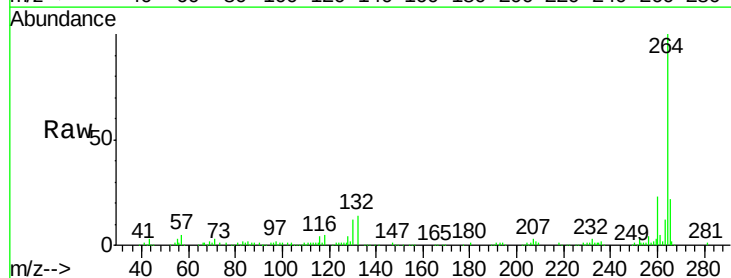
Instrument :
 BNA_F
 ClientSampled :
 SB-1MS

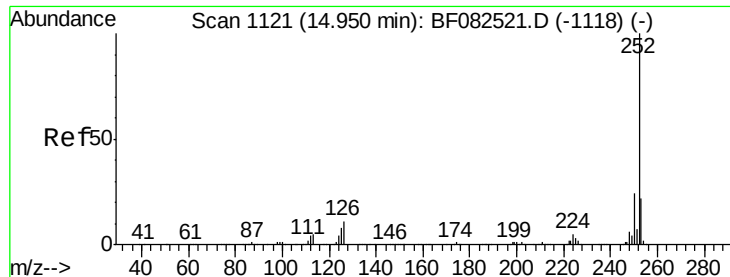
Tgt Ion: 276 Resp: 460467
 Ion Ratio Lower Upper
 276 100
 138 26.7 20.6 30.8
 277 25.5 19.9 29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Tgt Ion: 264 Resp: 152933
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.6 17.8 26.6

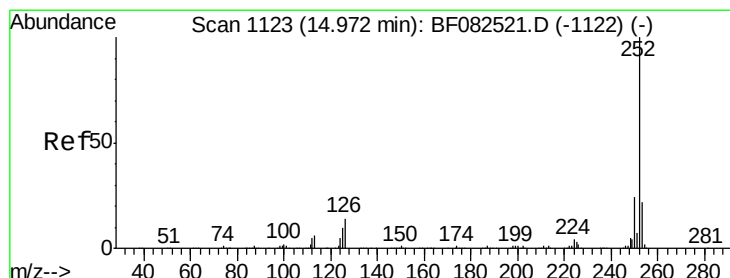
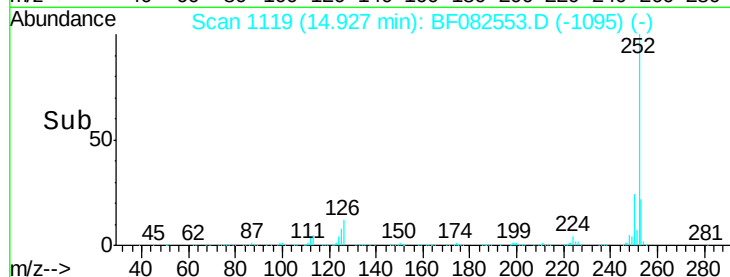
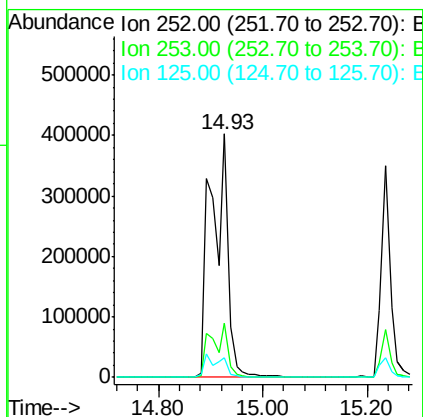
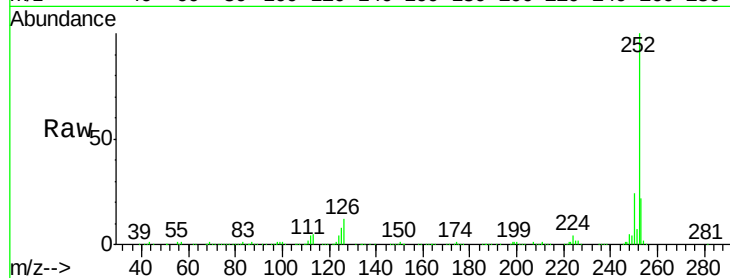




#87
Benzo(b)fluoranthene
Concen: 102.70 ng
RT: 14.93 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

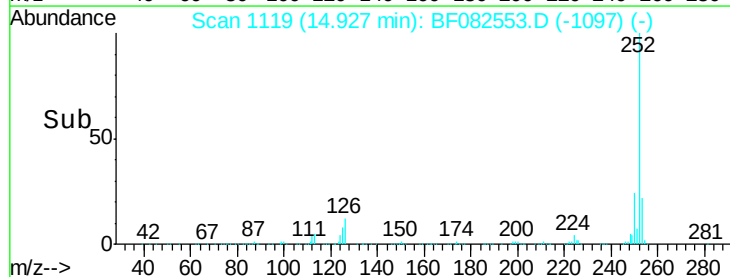
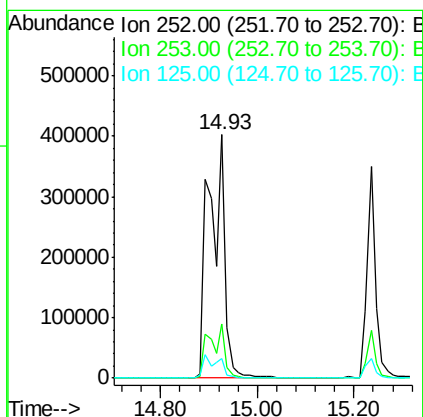
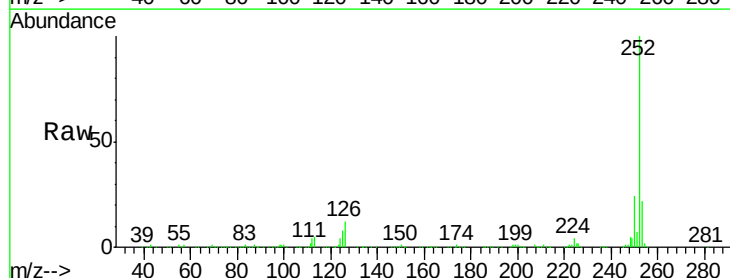
Instrument :
BNA_F
ClientSampleId :
SB-1MS

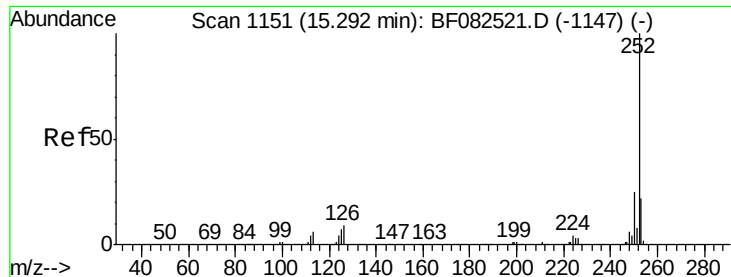
Tgt Ion:252 Resp: 932769
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 7.9 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 126.08 ng
RT: 14.93 min Scan# 1119
Delta R.T. -0.05 min
Lab File: BF082553.D
Acq: 27 Oct 2015 18:19

Tgt Ion:252 Resp: 933490
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 7.9 8.7 13.1#





#89

Benzo(a)pyrene

Concen: 55.31 ng

RT: 15.24 min Scan# 1146

Delta R.T. -0.06 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

Instrument :

BNA_F

ClientSampleId :

SB-1MS

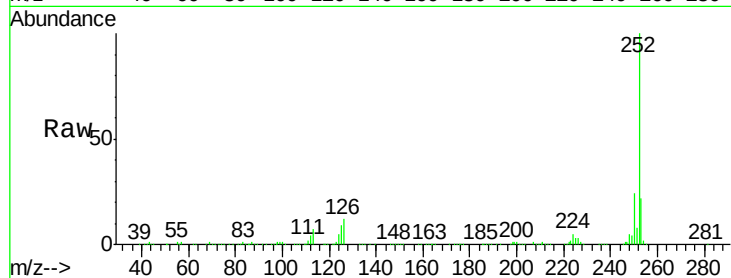
Tgt Ion:252 Resp: 435194

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

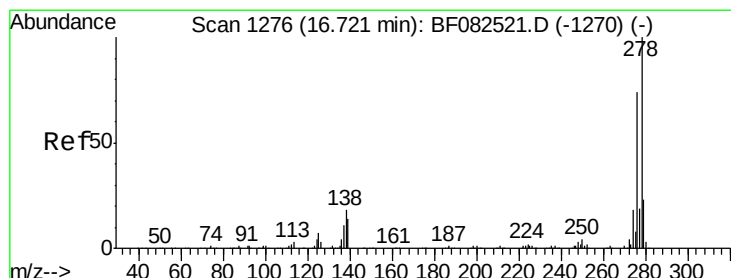
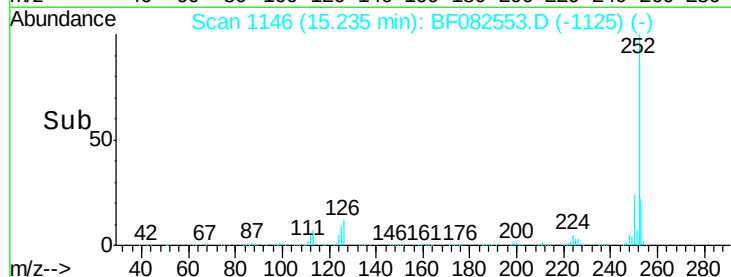
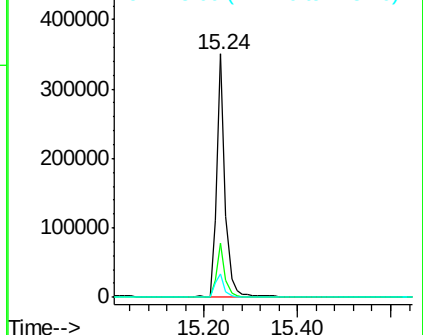
125 9.5 5.9 8.9#



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: 60.43 ng

RT: 16.65 min Scan# 1270

Delta R.T. -0.07 min

Lab File: BF082553.D

Acq: 27 Oct 2015 18:19

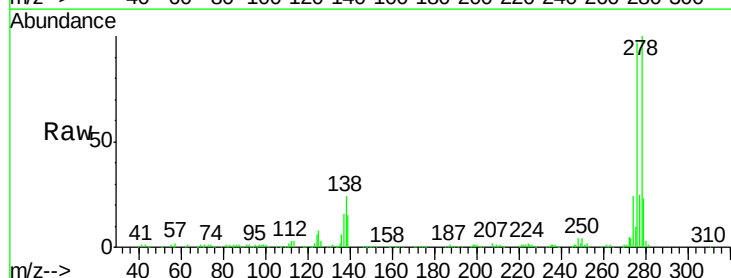
Tgt Ion:278 Resp: 397804

Ion Ratio Lower Upper

278 100

139 14.9 11.6 17.4

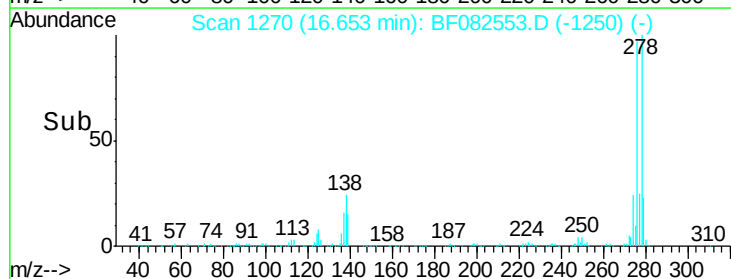
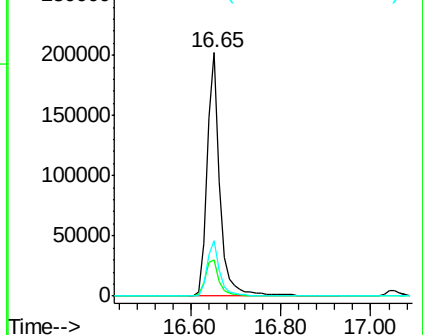
279 23.0 18.7 28.1

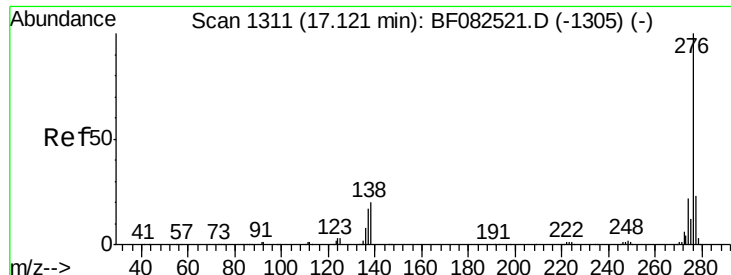


Abundance Ion 278.00 (277.70 to 278.70): E

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: 62.79 ng
 RT: 17.05 min Scan# 1305
 Delta R.T. -0.07 min
 Lab File: BF082553.D
 Acq: 27 Oct 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	20.4	16.0	24.0

