

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
 Data File : BF082554.D
 Acq On : 27 Oct 2015 18:48
 Operator : UM/IZ
 Sample : G4157-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Quant Time: Oct 28 00:03:27 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	76858	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	303287	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	145178	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	281695	20.00	ng	-0.02
75) Chrysene-d12	13.89	240	207970	20.00	ng	-0.02
86) Perylene-d12	15.29	264	150362	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	433055	111.23	ng	0.00
7) Phenol-d6	6.38	99	591224	116.51	ng	0.00
23) Nitrobenzene-d5	7.29	82	356208	75.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	130066	119.64	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	733531	80.34	ng	-0.02
78) Terphenyl-d14	12.82	244	733198	101.57	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	52561	26.90	ng	94
3) Pyridine	2.94	79	133225	29.25	ng	98
4) n-Nitrosodimethylamine	2.90	42	62419	31.16	ng	94
6) Aniline	6.38	93	136157	21.29	ng	90
8) 2-Chlorophenol	6.50	128	163340	35.77	ng	96
9) Benzaldehyde	6.26	77	56664	19.97	ng	96
10) Phenol	6.39	94	202121	35.09	ng	80
11) bis(2-Chloroethyl)ether	6.46	93	158482	34.67	ng	89
12) 1,3-Dichlorobenzene	6.88	146	171796	31.54	ng	98
13) 1,4-Dichlorobenzene	6.73	146	182512	32.57	ng	95
14) 1,2-Dichlorobenzene	6.88	146	180137	34.63	ng	95
15) Benzyl Alcohol	6.87	79	136679	38.70	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	223785	36.15	ng	# 46
17) 2-Methylphenol	6.99	107	127253	34.75	ng	93
18) Hexachloroethane	7.21	117	64450	33.78	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	111667	33.78	ng	93
20) 3+4-Methylphenols	7.15	107	164211	35.10	ng	95
22) Acetophenone	7.13	105	229278	34.84	ng	# 95
24) Nitrobenzene	7.30	77	168264	32.05	ng	92
25) Isophorone	7.54	82	315606	33.79	ng	97
26) 2-Nitrophenol	7.62	139	91805	36.20	ng	# 81
27) 2,4-Dimethylphenol	7.67	122	137139	33.28	ng	90
28) bis(2-Chloroethoxy)methane	7.76	93	203009	37.07	ng	99
29) 2,4-Dichlorophenol	7.87	162	157456	38.30	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	161498	34.74	ng	98
31) Naphthalene	8.02	128	488645	35.26	ng	99
32) Benzoic acid	7.67	122	137139	59.40	ng	# 14
33) 4-Chloroaniline	8.09	127	102297	19.04	ng	99
34) Hexachlorobutadiene	8.14	225	91597	34.07	ng	99
35) Caprolactam	8.46	113	36604	32.03	ng	# 83
36) 4-Chloro-3-methylphenol	8.58	107	159009	39.78	ng	99
37) 2-Methylnaphthalene	8.71	142	321855	34.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	171935	39.23	ng	99
40) Hexachlorocyclopentadiene	8.86	237	45950	47.56	ng	99

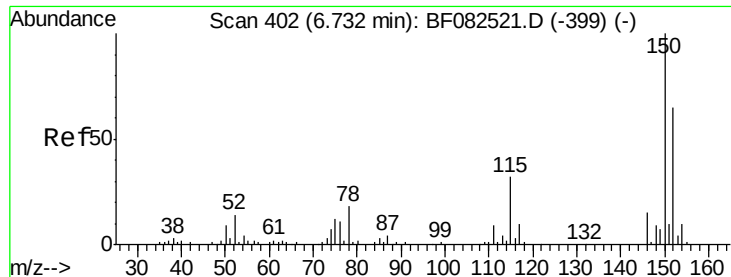
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	96909	35.48	ng	97
43) 2,4,5-Trichlorophenol	9.05	196	105446	36.81	ng	99
45) 1,1'-Biphenyl	9.18	154	426985	39.52	ng	98
46) 2-Chloronaphthalene	9.20	162	314955	36.98	ng	96
47) 2-Nitroaniline	9.31	65	97184	39.29	ng	# 84
48) Acenaphthylene	9.61	152	502305	36.83	ng	99
49) Dimethylphthalate	9.49	163	489221	48.43	ng	99
50) 2,6-Dinitrotoluene	9.55	165	84870	38.32	ng	# 65
51) Acenaphthene	9.78	154	294347	37.63	ng	99
52) 3-Nitroaniline	9.73	138	71076	29.57	ng	86
53) 2,4-Dinitrophenol	9.87	184	4631	10.73	ng	# 76
54) Dibenzofuran	9.95	168	451401	39.55	ng	98
55) 4-Nitrophenol	9.95	139	256800	158.46	ng	# 19
56) 2,4-Dinitrotoluene	9.97	165	109194	40.65	ng	# 64
57) Fluorene	10.30	166	352091	37.58	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	79858	36.42	ng	94
59) Diethylphthalate	10.18	149	395578	40.24	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	182068	41.32	ng	# 91
61) 4-Nitroaniline	10.34	138	79302	32.95	ng	95
62) Azobenzene	10.46	77	387098	40.76	ng	89
64) 4,6-Dinitro-2-methylphenol	10.38	198	39840	24.11	ng	# 72
65) n-Nitrosodiphenylamine	10.42	169	323088	37.91	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	98653	37.32	ng	# 73
67) Hexachlorobenzene	10.85	284	106956	37.94	ng	# 87
68) Atrazine	10.95	200	97917	37.11	ng	99
69) Pentachlorophenol	11.05	266	48613	45.72	ng	97
70) Phenanthrene	11.26	178	547773	37.78	ng	99
71) Anthracene	11.31	178	573190	39.26	ng	100
72) Carbazole	11.48	167	484054	37.60	ng	98
73) Di-n-butylphthalate	11.81	149	622964	40.57	ng	# 97
74) Fluoranthene	12.45	202	569467	38.27	ng	98
76) Benzidine	12.58	184	147364	25.82	ng	97
77) Pyrene	12.68	202	556266	43.49	ng	100
79) Butylbenzylphthalate	13.29	149	235292	43.75	ng	97
80) Benzo(a)anthracene	13.88	228	429595	38.53	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	99863	25.83	ng	# 95
82) Chrysene	13.91	228	403562	38.32	ng	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	313441	43.52	ng	# 97
84) Di-n-octyl phthalate	14.47	149	423083	35.59	ng	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	320294	33.10	ng	99
87) Benzo(b)fluoranthene	14.93	252	642796	71.99	ng	100
88) Benzo(k)fluoranthene	14.93	252	643108	88.34	ng	# 98
89) Benzo(a)pyrene	15.24	252	302113	39.05	ng	# 98
90) Dibenzo(a,h)anthracene	16.65	278	267086	41.27	ng	99
91) Benzo(g,h,i)perylene	17.05	276	277915	43.40	ng	97

(#) = 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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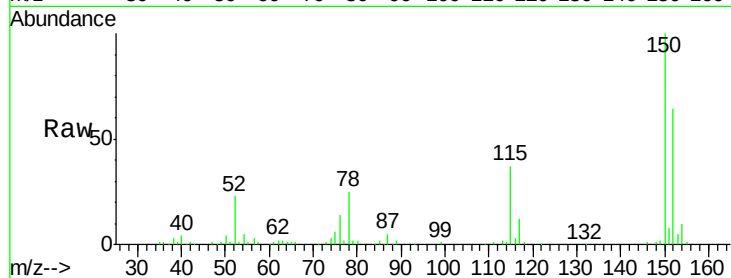
Tgt Ion:152 Resp: 76858

Ion Ratio Lower Upper

152 100

150 156.5 123.4 185.0

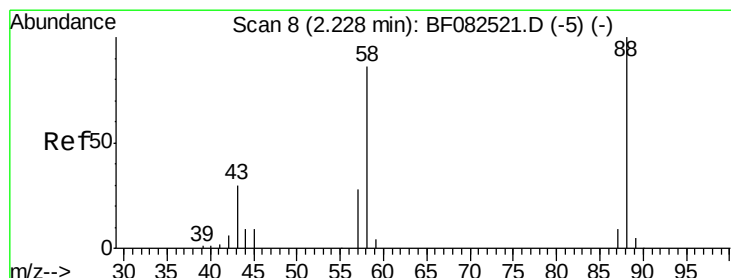
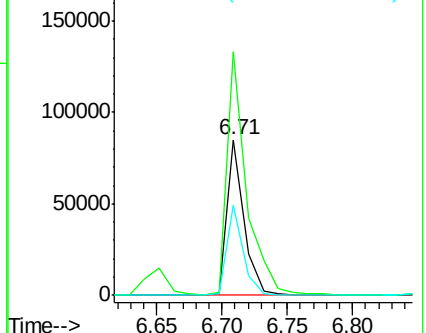
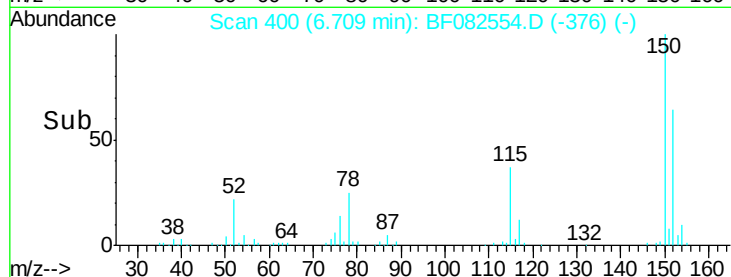
115 57.9 39.0 58.4



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: 26.90 ng

RT: 2.26 min Scan# 11

Delta R.T. 0.03 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

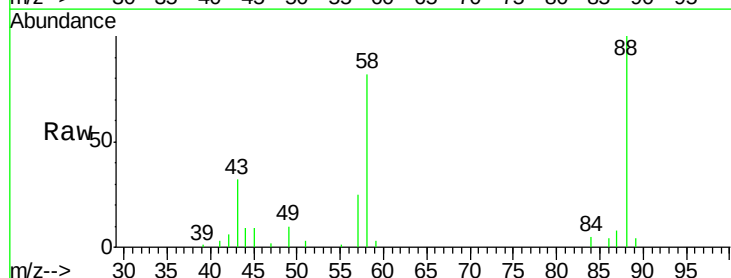
Tgt Ion: 88 Resp: 52561

Ion Ratio Lower Upper

88 100

58 82.4 63.0 94.4

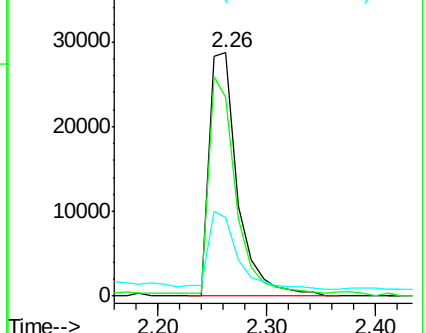
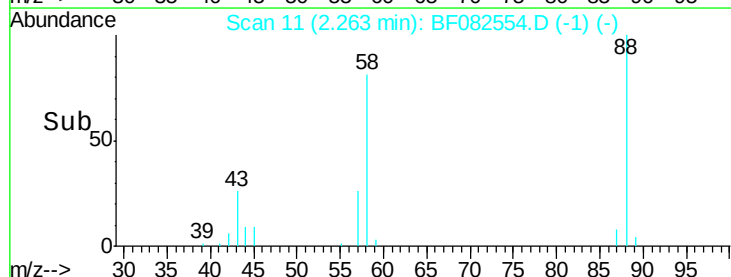
43 33.5 22.5 33.7

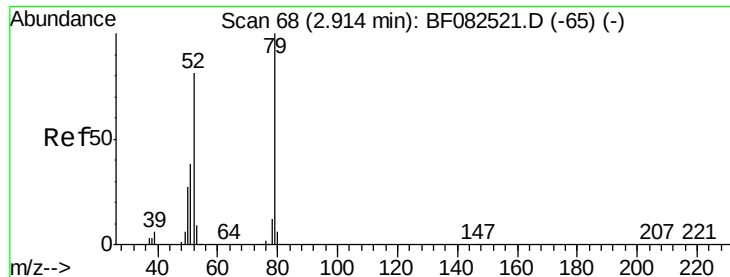


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.25 ng

RT: 2.94 min Scan# 70

Delta R.T. 0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

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ClientSampleId :

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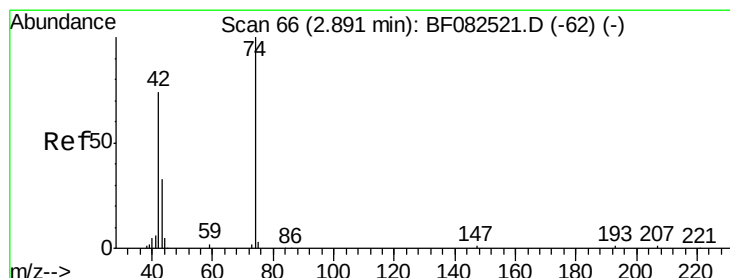
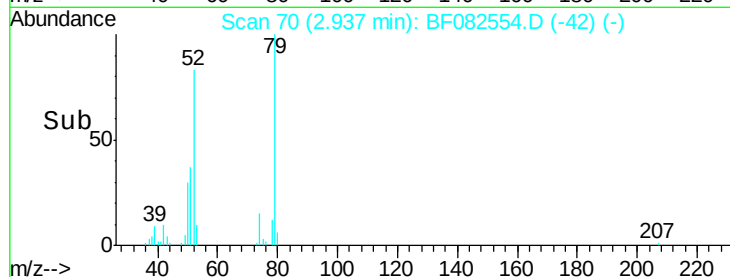
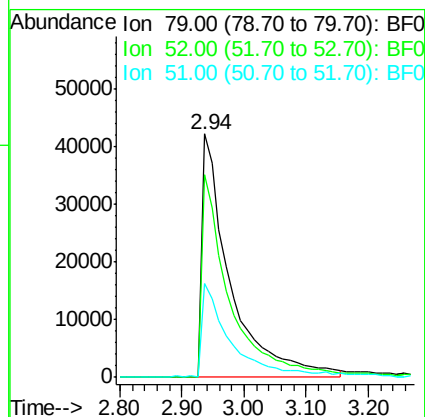
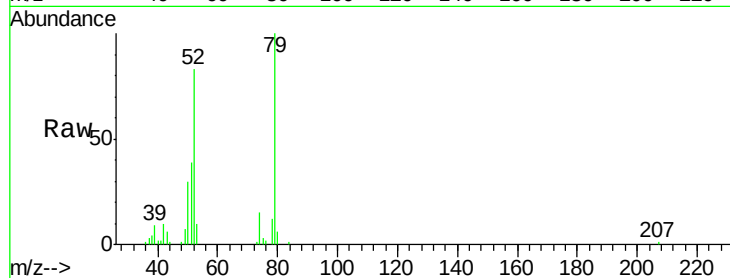
Tgt Ion: 79 Resp: 133225

Ion Ratio Lower Upper

79 100

52 83.2 64.4 96.6

51 38.6 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 31.16 ng

RT: 2.90 min Scan# 67

Delta R.T. 0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

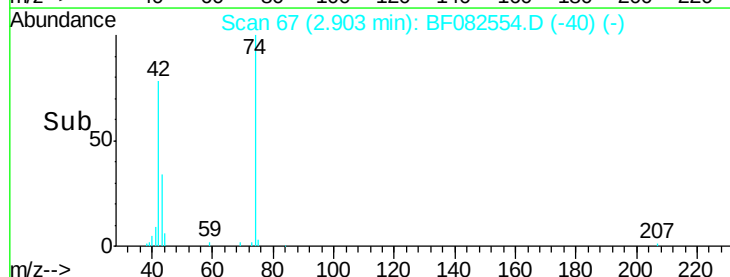
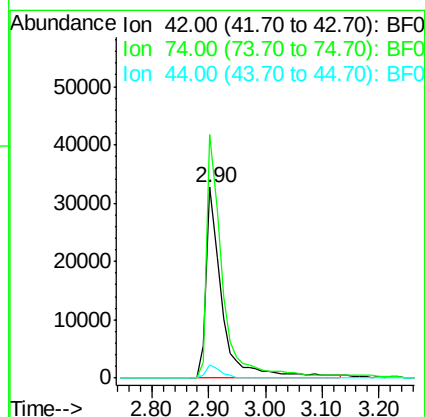
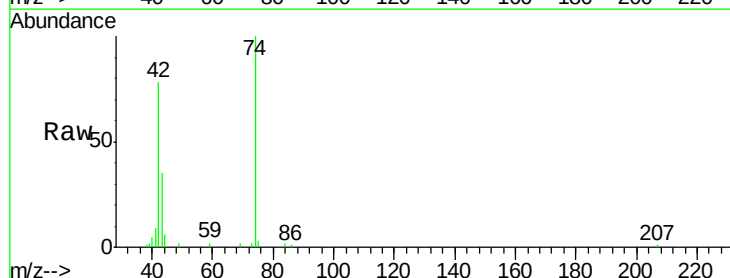
Tgt Ion: 42 Resp: 62419

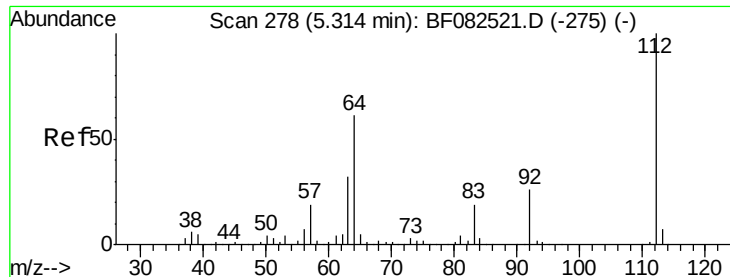
Ion Ratio Lower Upper

42 100

74 127.8 108.3 162.5

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 111.23 ng

RT: 5.31 min Scan# 278

Delta R.T. 0.00 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

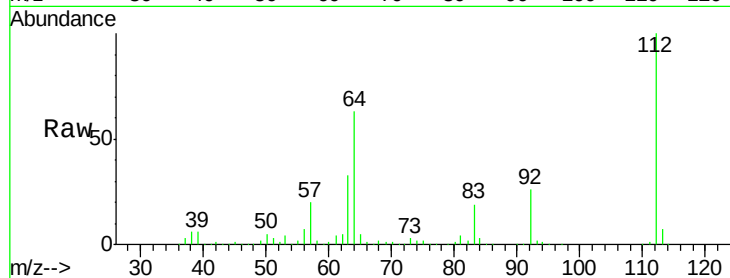
Tgt Ion: 112 Resp: 433055

Ion Ratio Lower Upper

112 100

64 63.1 49.0 73.4

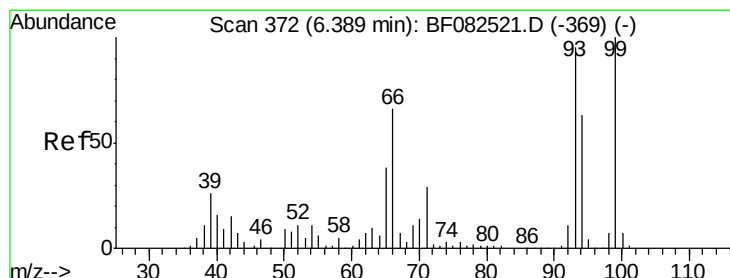
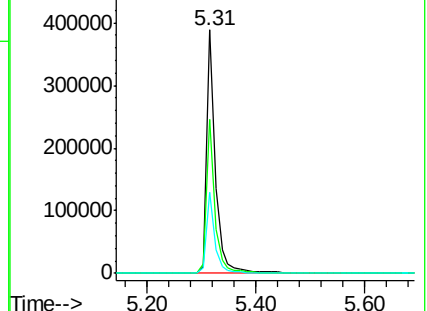
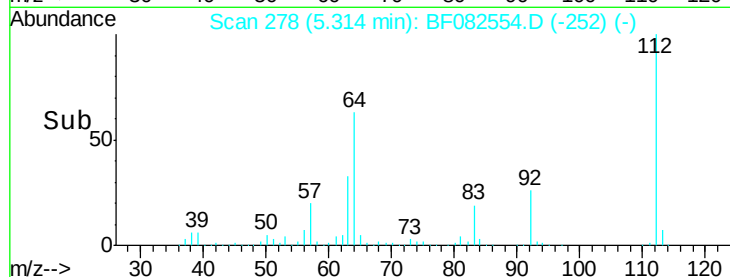
63 33.3 25.8 38.6



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



#6

Aniline

Concen: 21.29 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

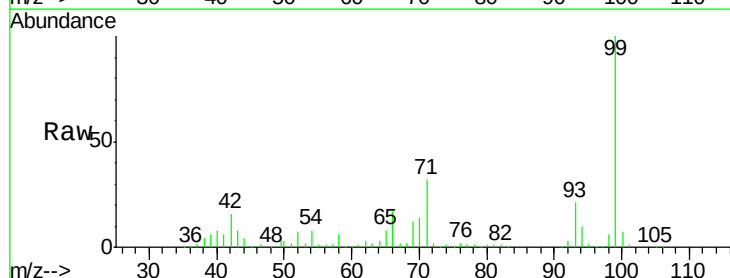
Tgt Ion: 93 Resp: 136157

Ion Ratio Lower Upper

93 100

66 80.0 55.9 83.9

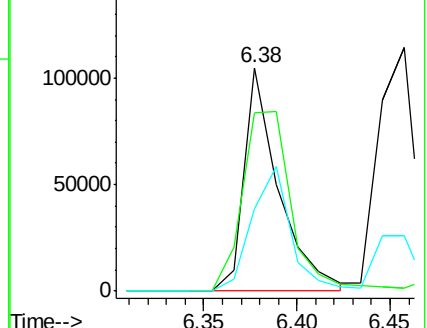
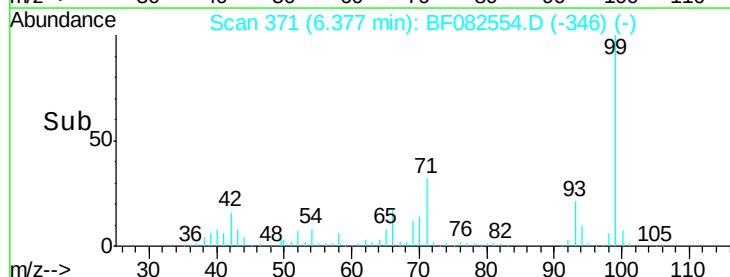
65 36.9 31.8 47.6

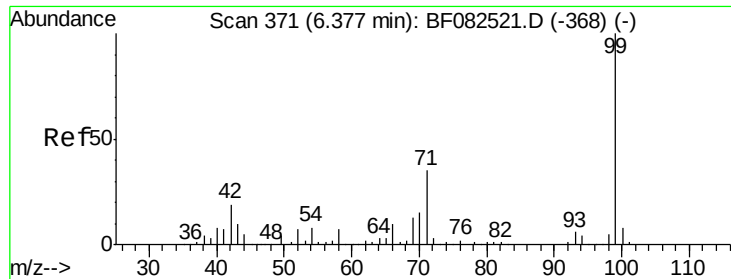


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.51 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

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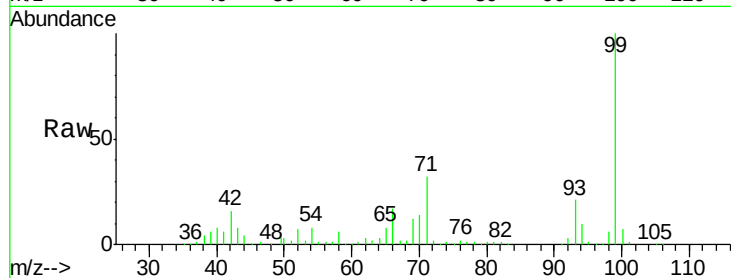
Tgt Ion: 99 Resp: 591224

Ion Ratio Lower Upper

99 100

42 16.2 15.1 22.7

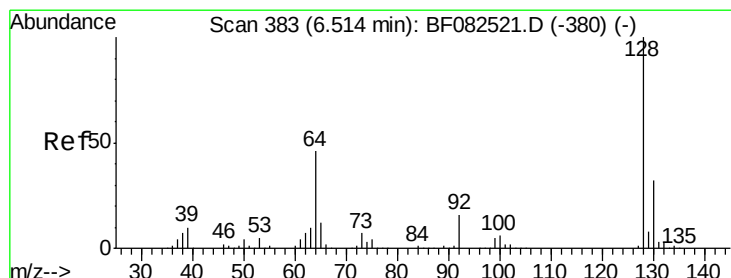
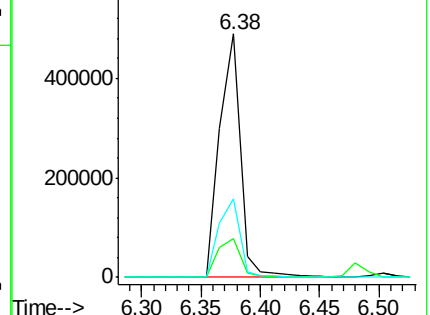
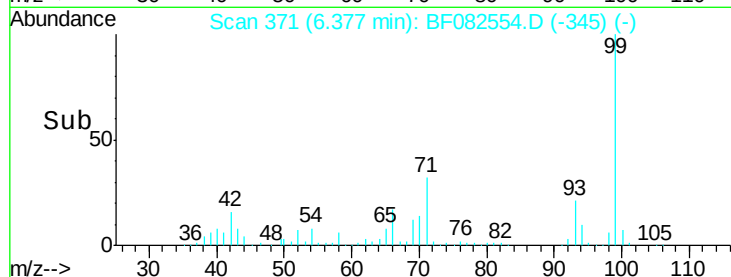
71 32.3 28.2 42.2



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: 35.77 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

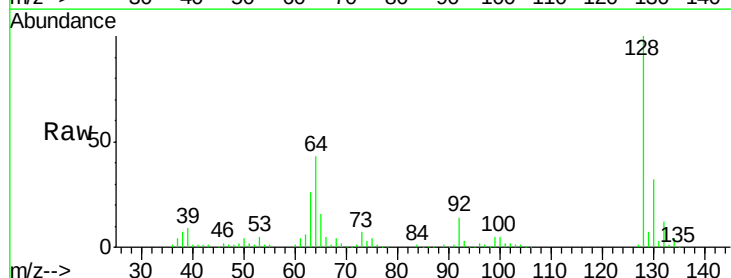
Tgt Ion: 128 Resp: 163340

Ion Ratio Lower Upper

128 100

130 32.5 12.1 52.1

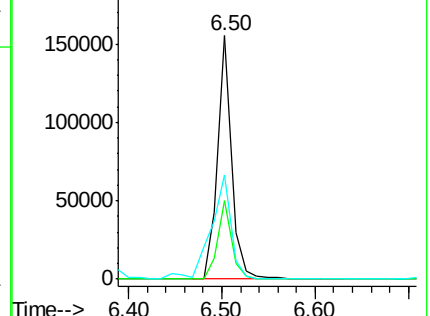
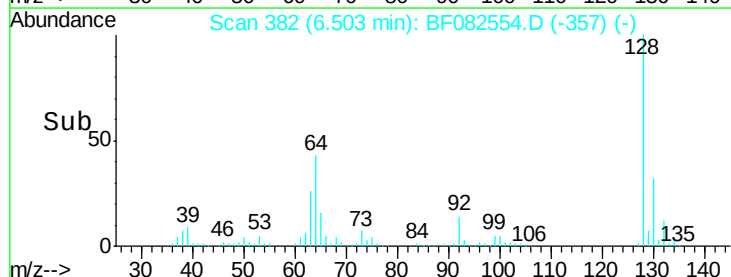
64 42.8 26.7 66.7

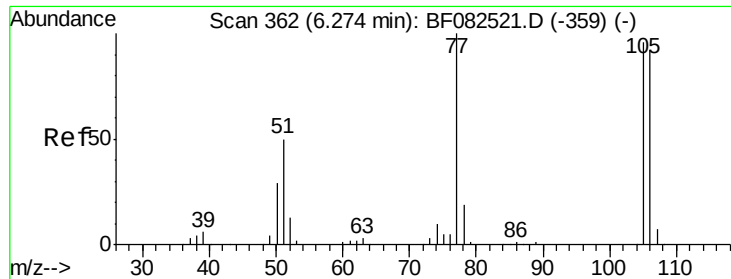


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

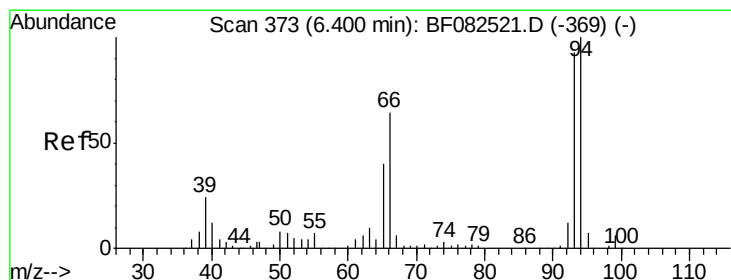
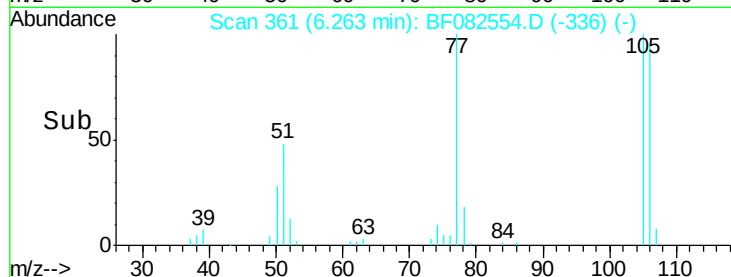
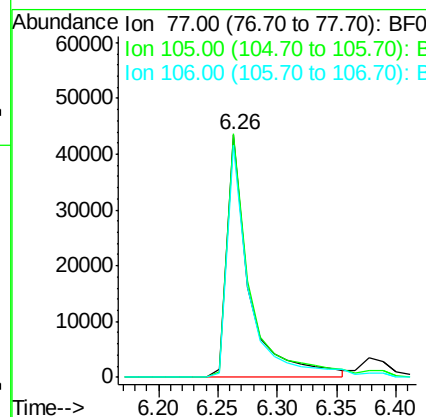
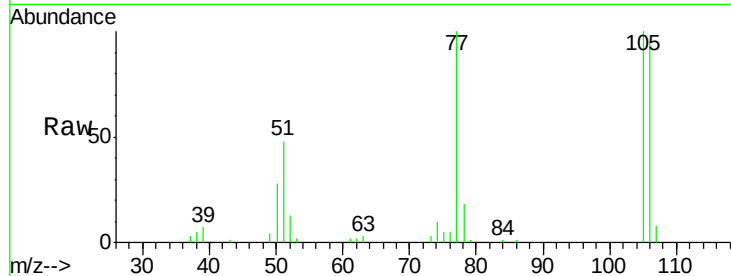




#9
Benzaldehyde
Concen: 19.97 ng
RT: 6.26 min Scan# 361
Delta R.T. -0.01 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

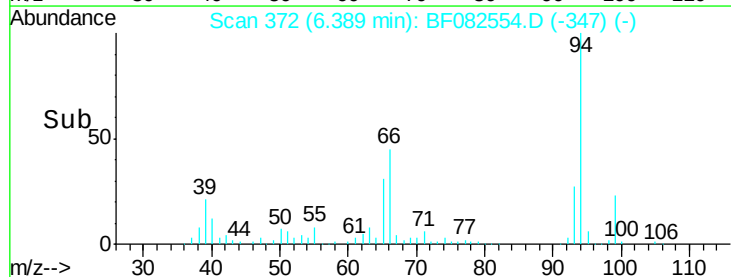
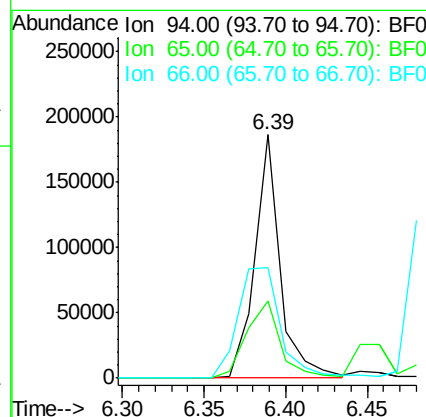
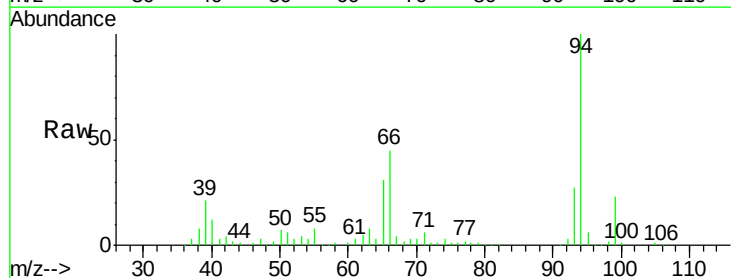
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

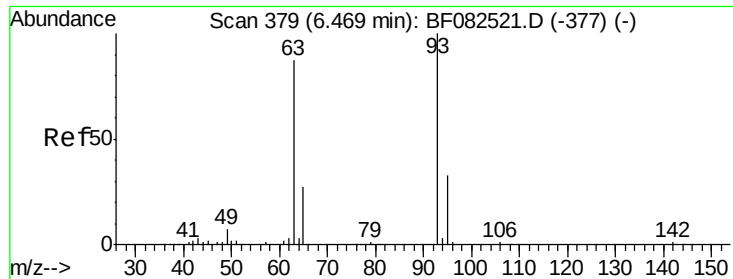
Tgt Ion: 77 Resp: 56664
Ion Ratio Lower Upper
77 100
105 100.4 75.9 115.9
106 95.9 71.8 111.8



#10
Phenol
Concen: 35.09 ng
RT: 6.39 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion: 94 Resp: 202121
Ion Ratio Lower Upper
94 100
65 31.5 19.9 59.9
66 45.3 44.1 84.1





#11

bis(2-Chloroethyl)ether

Concen: 34.67 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

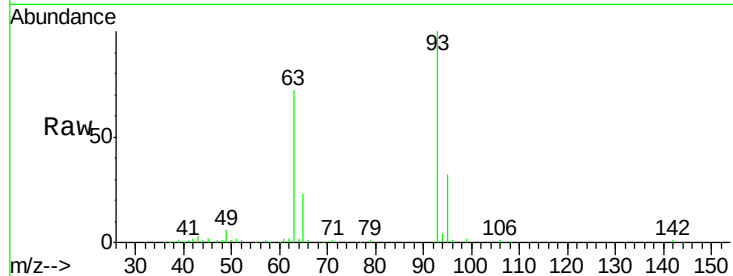
Tgt Ion: 93 Resp: 158482

Ion Ratio Lower Upper

93 100

63 71.8 65.2 105.2

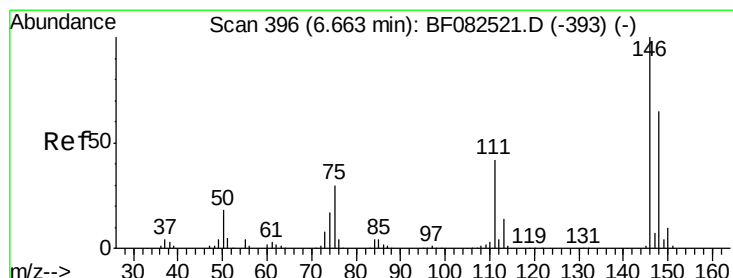
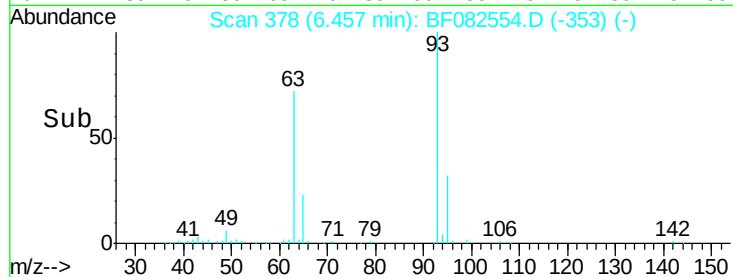
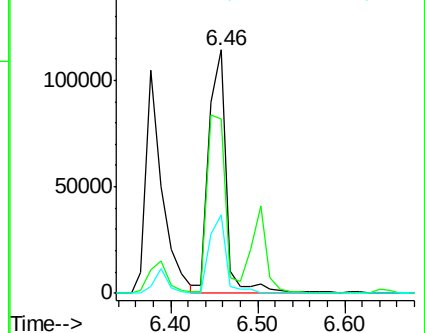
95 32.2 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 31.54 ng

RT: 6.88 min Scan# 415

Delta R.T. 0.22 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

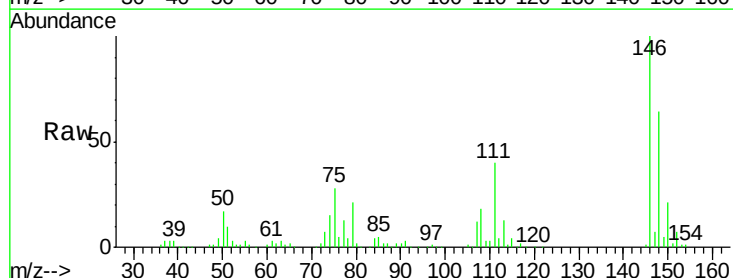
Tgt Ion: 146 Resp: 171796

Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

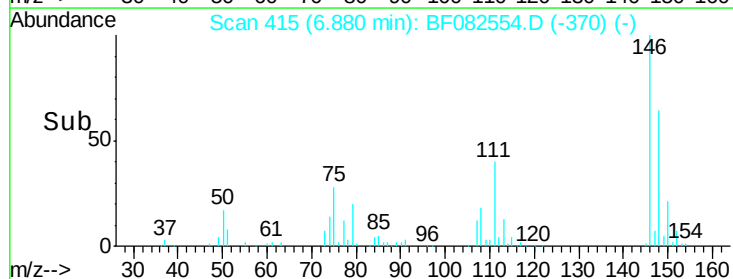
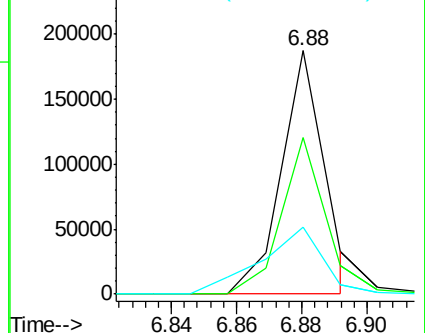
75 27.8 24.3 36.5

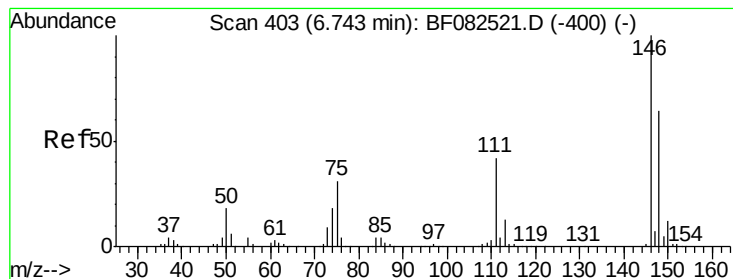


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 32.57 ng

RT: 6.73 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

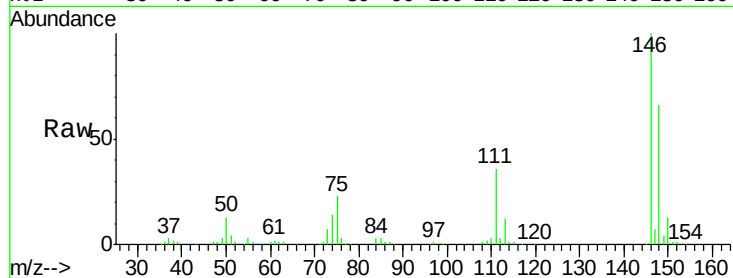
Tgt Ion:146 Resp: 182512

Ion Ratio Lower Upper

146 100

148 65.7 51.4 77.0

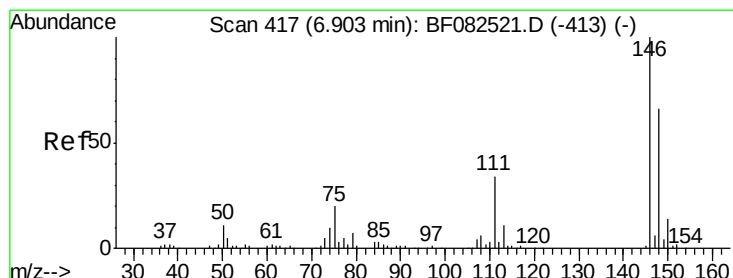
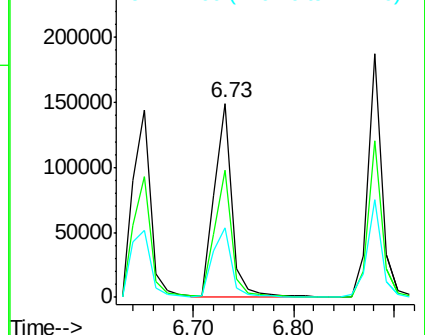
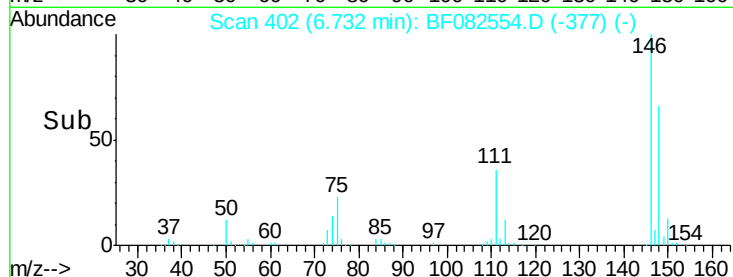
111 35.8 33.3 49.9



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: 34.63 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

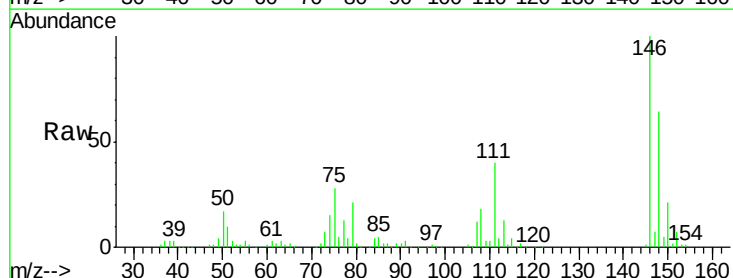
Tgt Ion:146 Resp: 180137

Ion Ratio Lower Upper

146 100

148 64.2 53.0 79.4

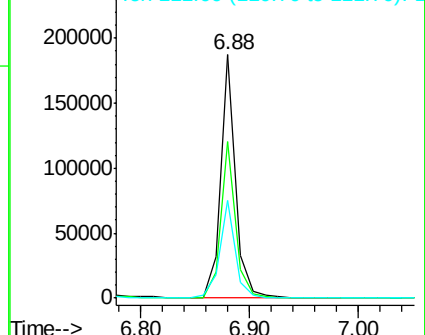
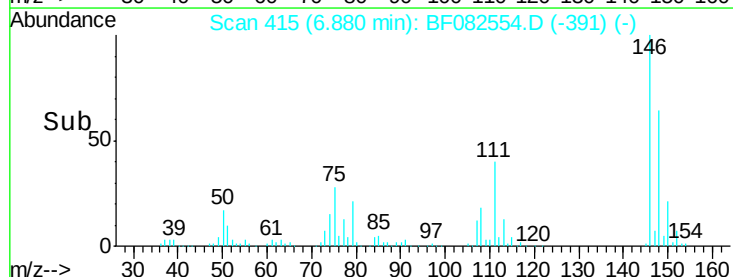
111 40.1 27.5 41.3

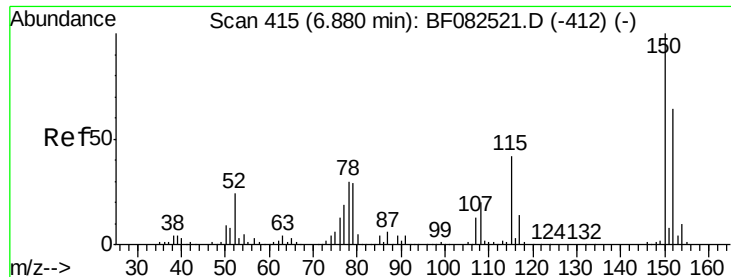


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

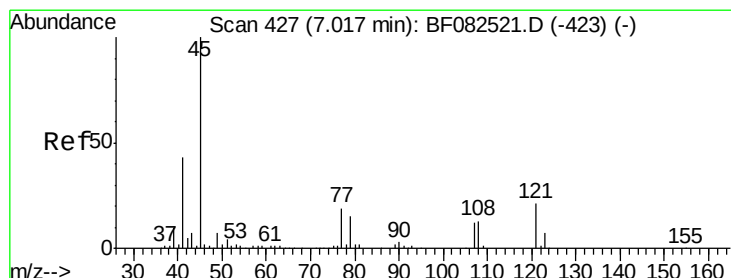
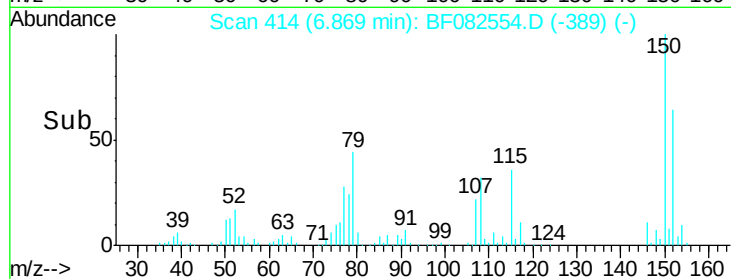
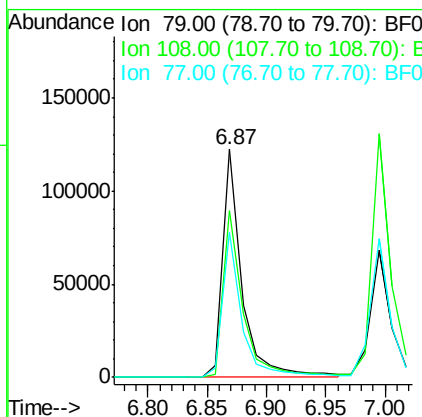
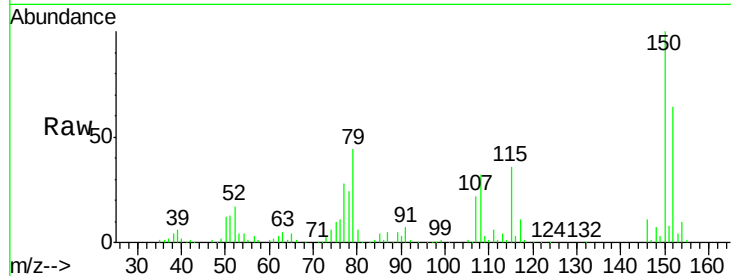




#15
Benzyl Alcohol
Concen: 38.70 ng
RT: 6.87 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

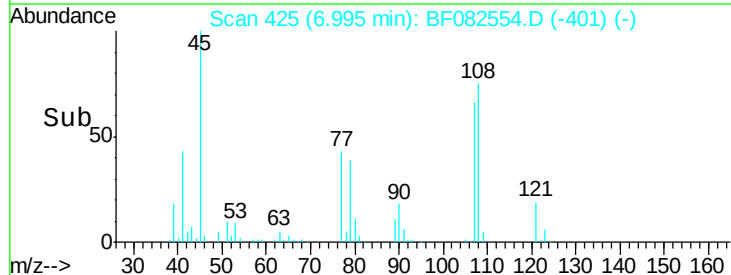
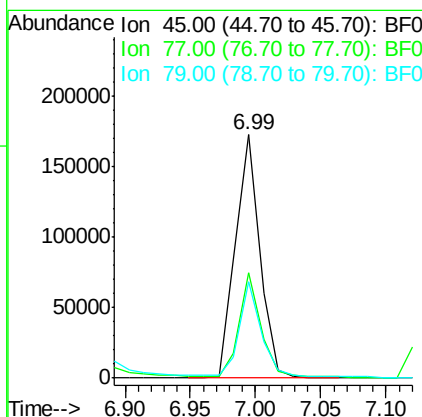
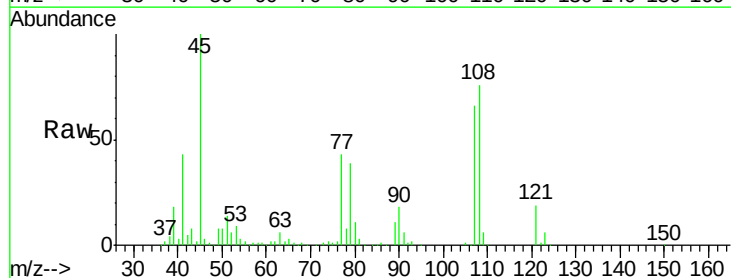
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

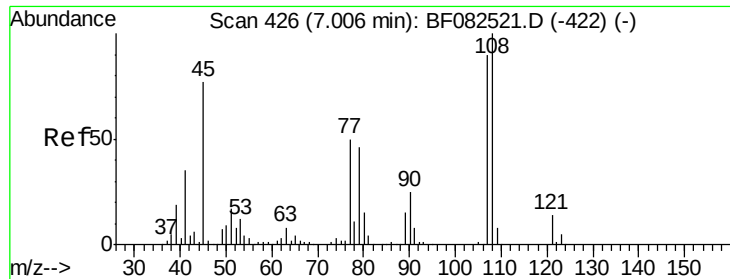
Tgt Ion: 79 Resp: 136679
Ion Ratio Lower Upper
79 100
108 73.2 55.0 82.6
77 63.4 52.5 78.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.15 ng
RT: 6.99 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion: 45 Resp: 223785
Ion Ratio Lower Upper
45 100
77 43.2 0.0 39.3#
79 39.4 0.0 35.7#

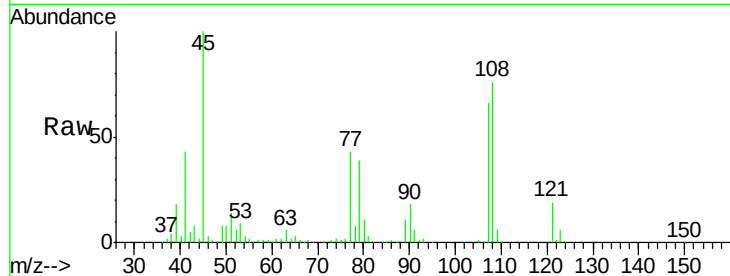




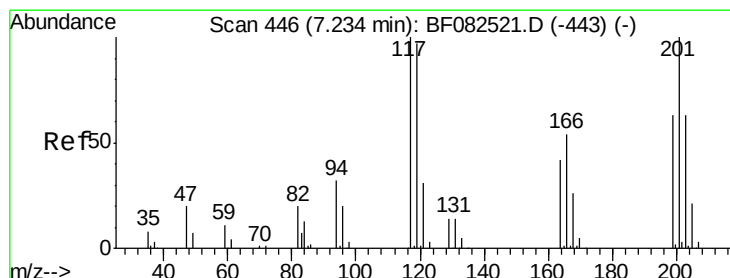
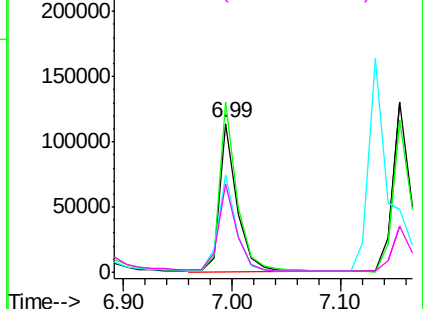
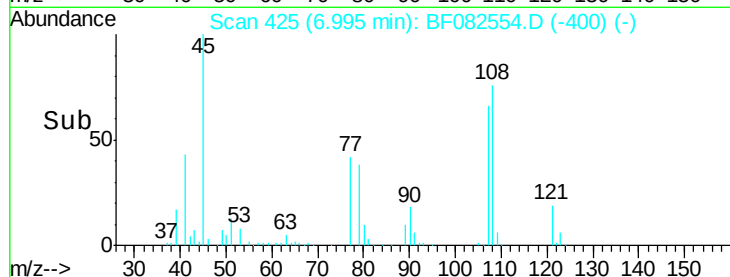
#17
2-Methylphenol
Concen: 34.75 ng
RT: 6.99 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion:107 Resp: 127253
Ion Ratio Lower Upper
107 100
108 114.4 89.4 134.2
77 65.4 44.8 67.2
79 59.6 42.1 63.1

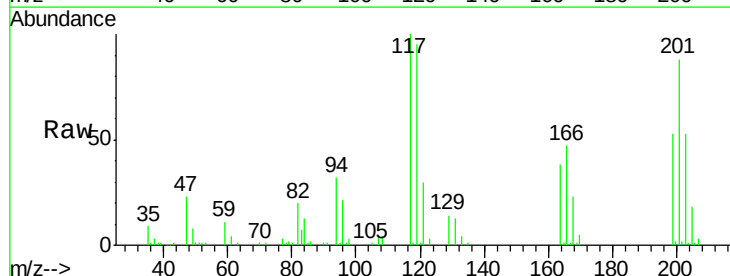


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

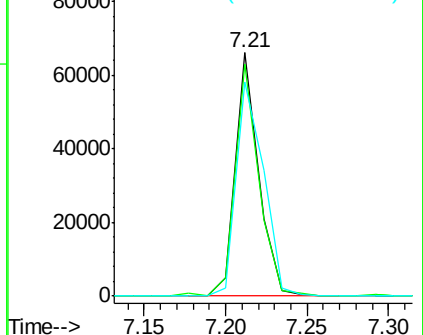
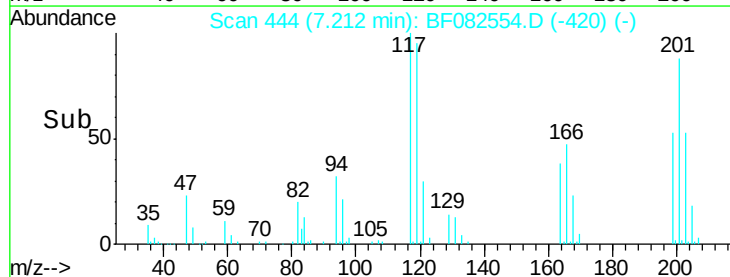


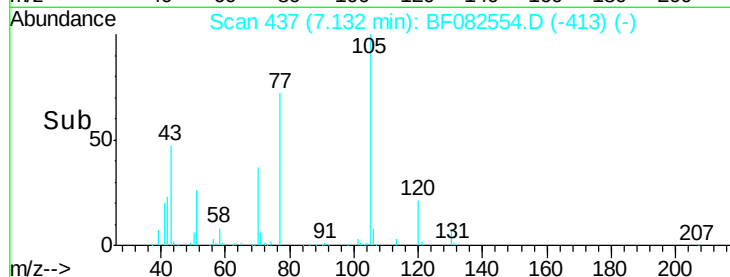
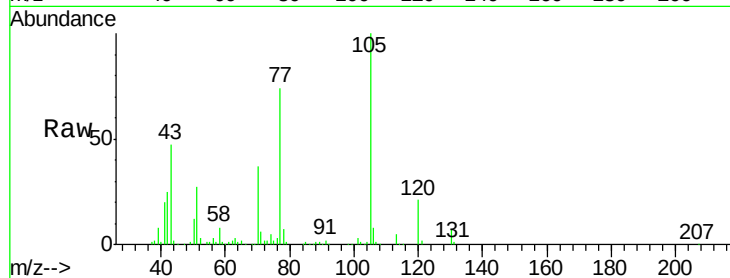
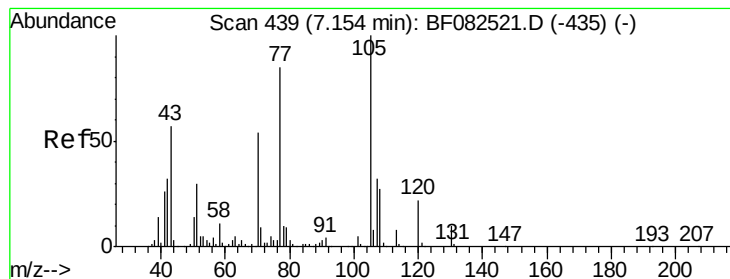
#18
Hexachloroethane
Concen: 33.78 ng
RT: 7.21 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion:117 Resp: 64450
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3
201 87.8 80.1 120.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 33.78 ng

RT: 7.13 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

Tgt Ion: 70 Resp: 111667

Ion Ratio Lower Upper

70 100

42 66.0 46.9 70.3

101 8.8 7.4 11.2

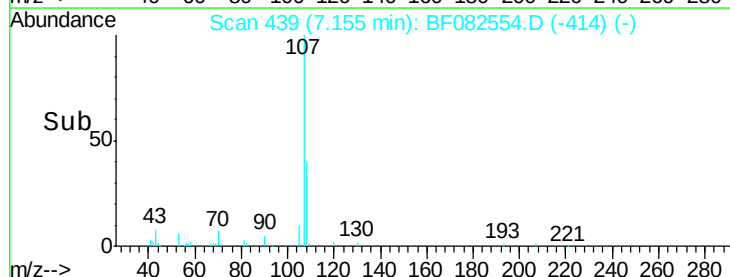
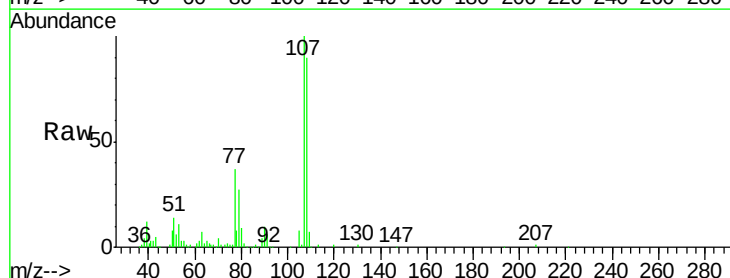
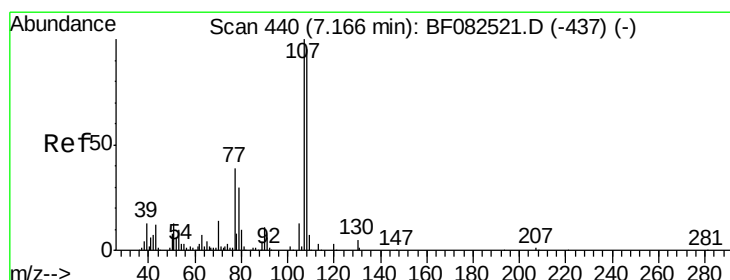
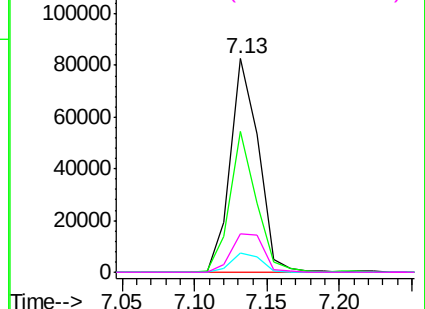
130 17.8 14.2 21.4

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: 35.10 ng

RT: 7.15 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Tgt Ion: 107 Resp: 164211

Ion Ratio Lower Upper

107 100

108 89.9 74.8 114.8

77 37.1 20.3 60.3

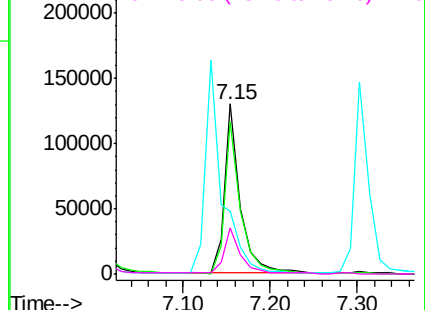
79 27.0 10.2 50.2

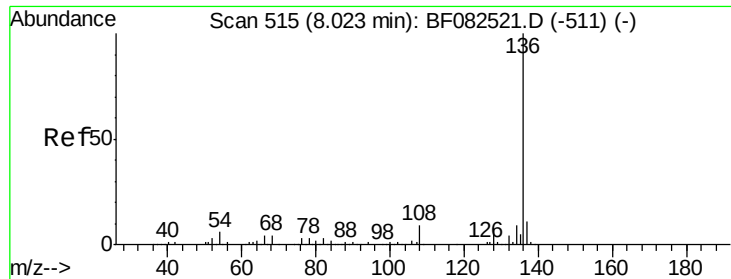
Abundance Ion 107.00 (106.70 to 107.70): E

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: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

Tgt Ion:136 Resp: 303287

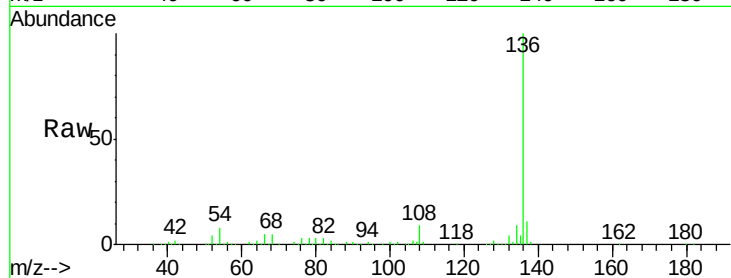
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.8 4.6 7.0#

68 5.0 3.2 4.8#

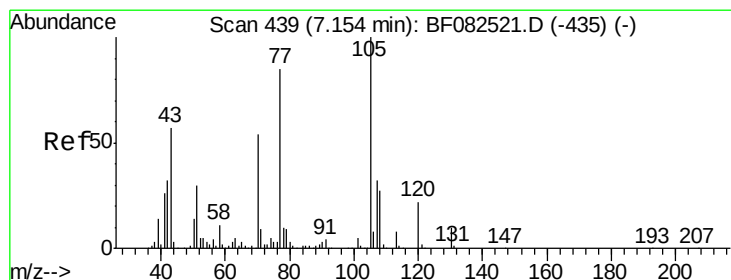
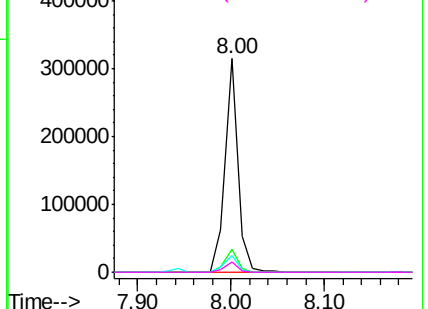
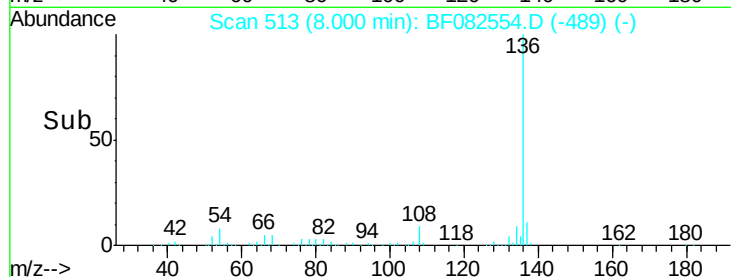


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 34.84 ng

RT: 7.13 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Tgt Ion:105 Resp: 229278

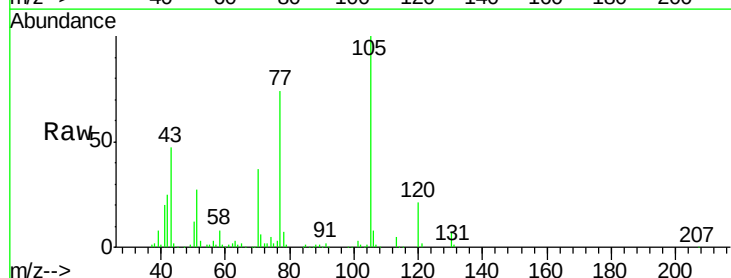
Ion Ratio Lower Upper

105 100

71 6.3 7.1 10.7#

51 26.5 24.4 36.6

120 20.8 17.3 25.9

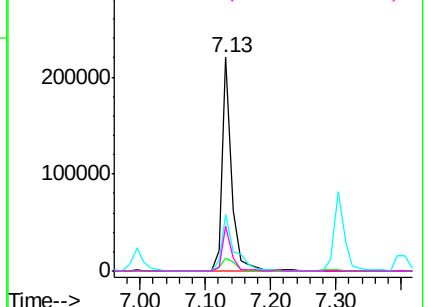
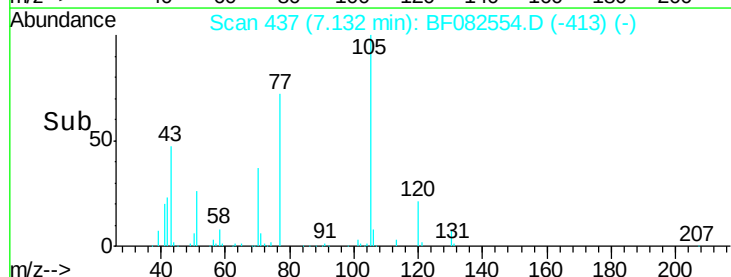


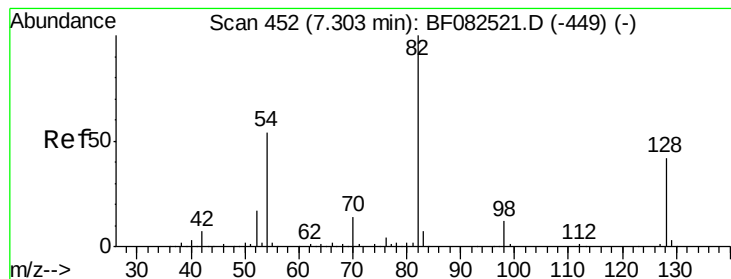
Abundance Ion 105.00 (104.70 to 105.70): E

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





#23

Nitrobenzene-d5

Concen: 75.77 ng

RT: 7.29 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

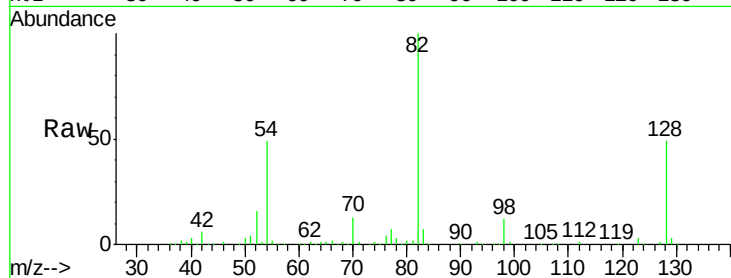
Tgt Ion: 82 Resp: 356208

Ion Ratio Lower Upper

82 100

128 48.6 33.4 50.0

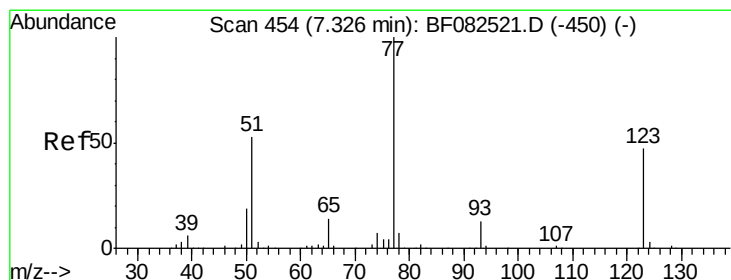
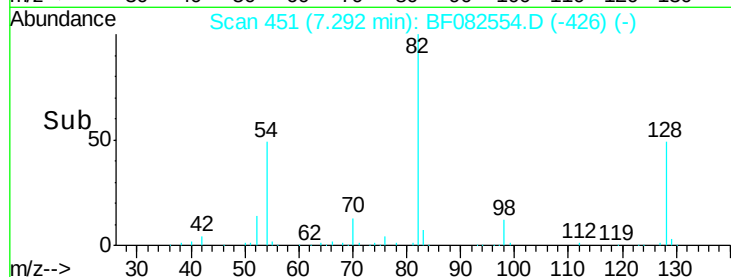
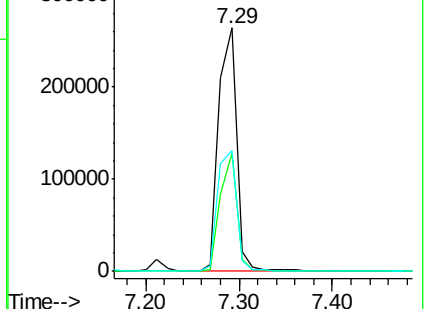
54 49.4 43.5 65.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 32.05 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

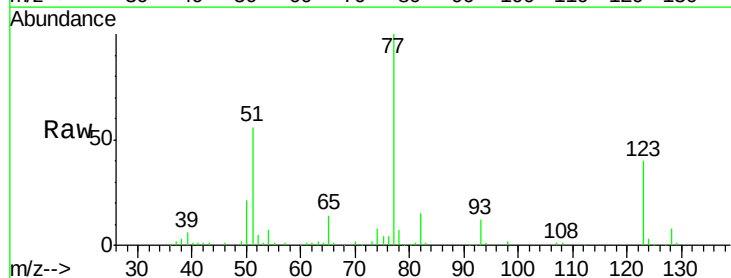
Tgt Ion: 77 Resp: 168264

Ion Ratio Lower Upper

77 100

123 40.2 37.4 56.0

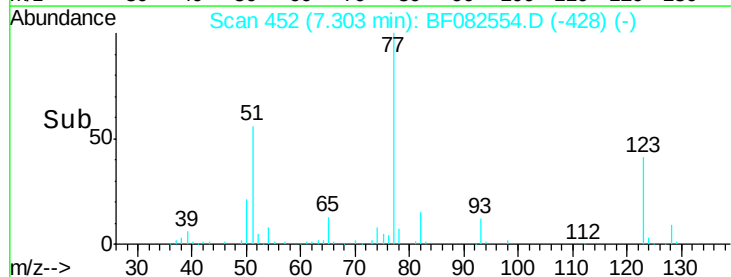
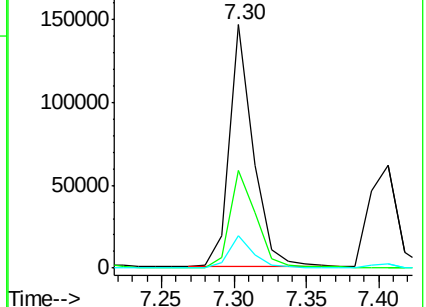
65 13.5 11.0 16.4

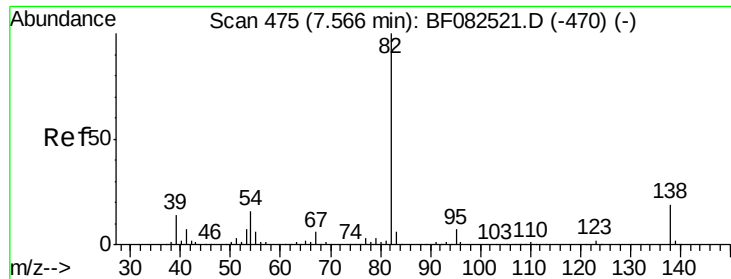


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.79 ng

RT: 7.54 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

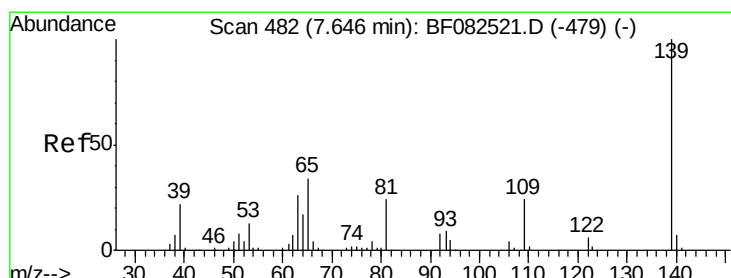
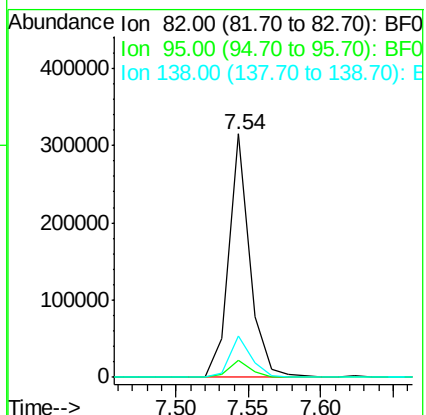
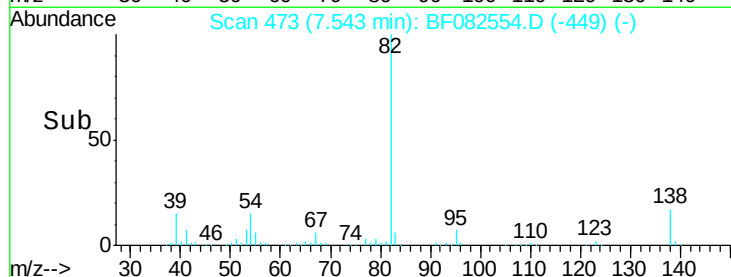
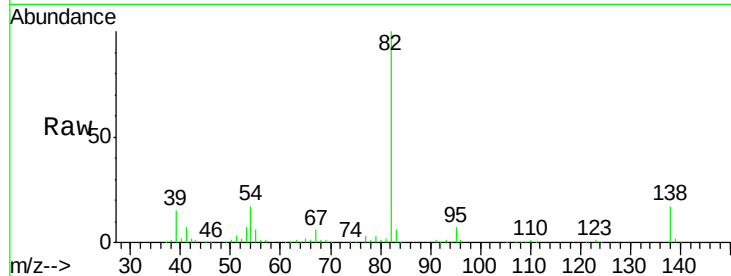
Tgt Ion: 82 Resp: 315606

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 17.0 15.0 22.4



#26

2-Nitrophenol

Concen: 36.20 ng

RT: 7.62 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

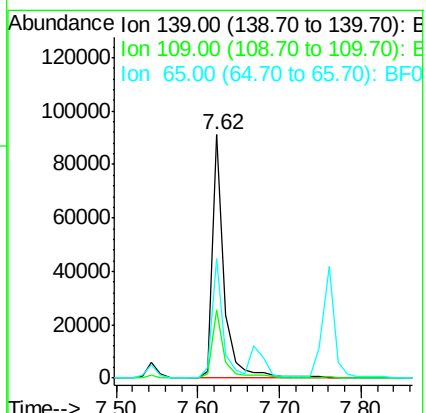
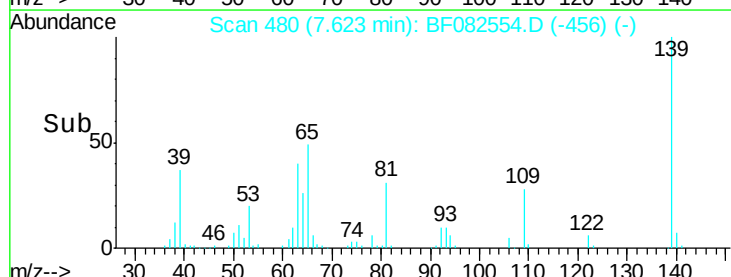
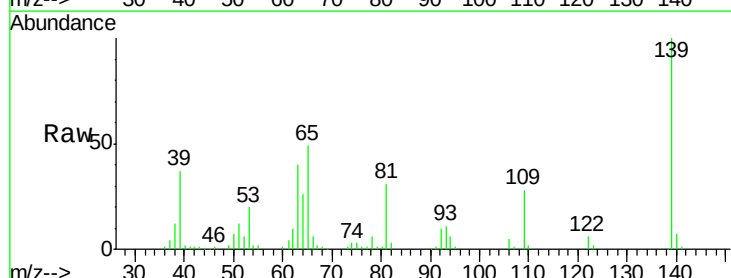
Tgt Ion: 139 Resp: 91805

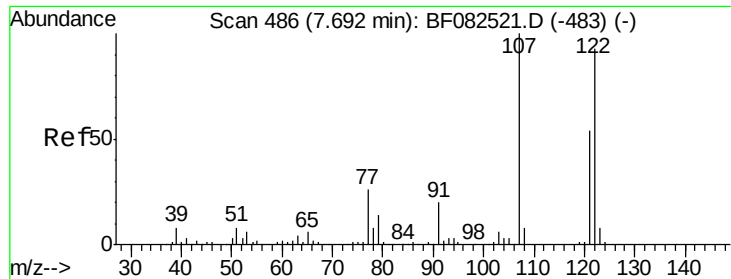
Ion Ratio Lower Upper

139 100

109 28.2 19.3 28.9

65 49.2 27.1 40.7#

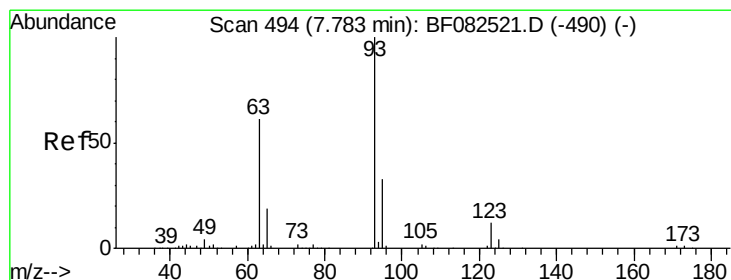
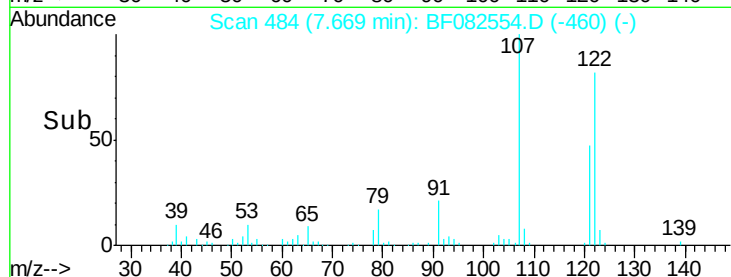
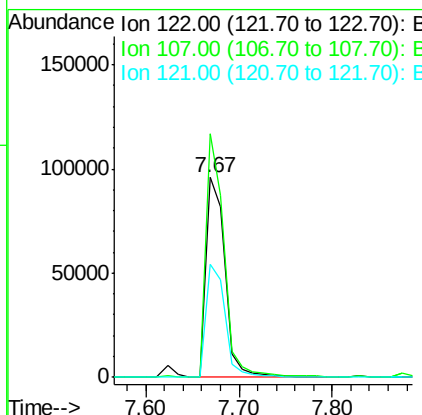
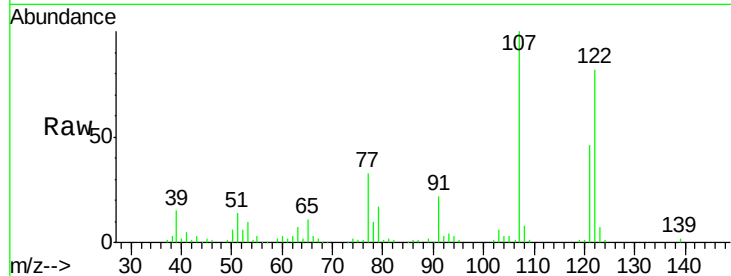




#27
 2,4-Dimethylphenol
 Concen: 33.28 ng
 RT: 7.67 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

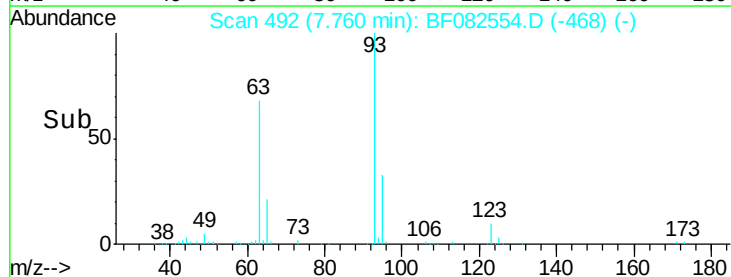
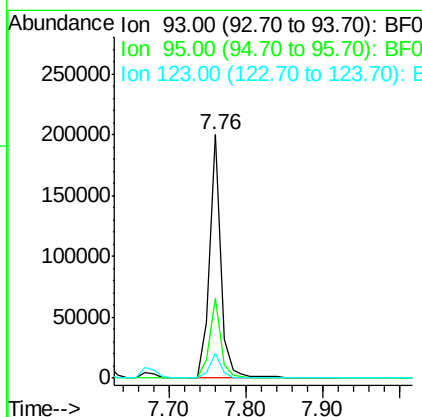
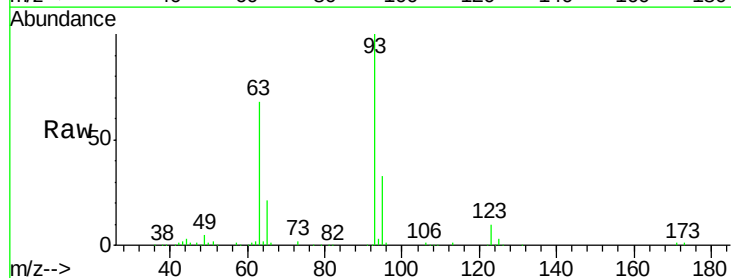
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

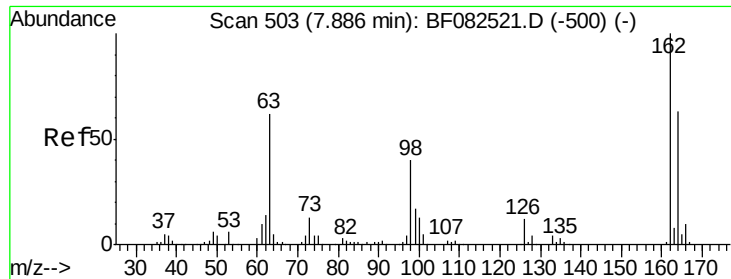
Tgt Ion: 122 Resp: 137139
 Ion Ratio Lower Upper
 122 100
 107 121.9 85.8 128.8
 121 56.6 46.2 69.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.07 ng
 RT: 7.76 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion: 93 Resp: 203009
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.2 39.2
 123 10.3 9.3 13.9

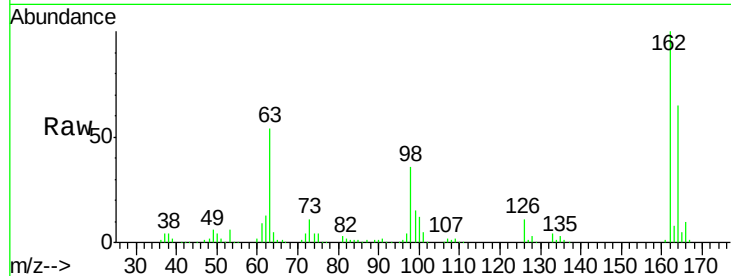




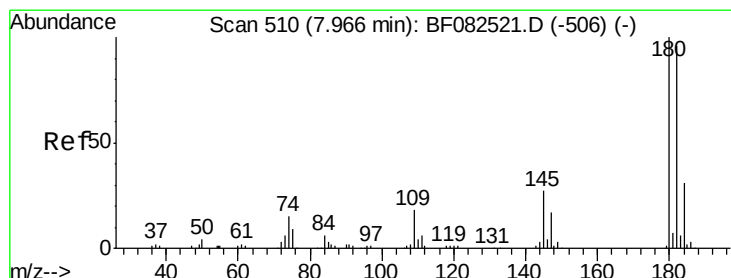
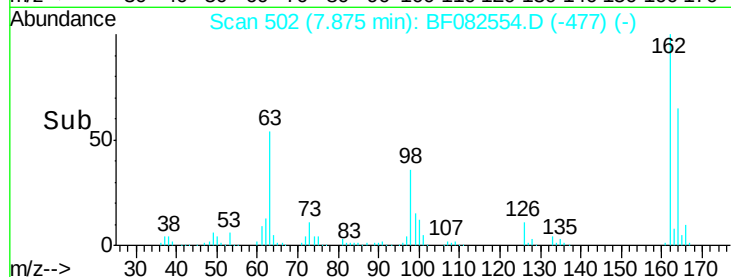
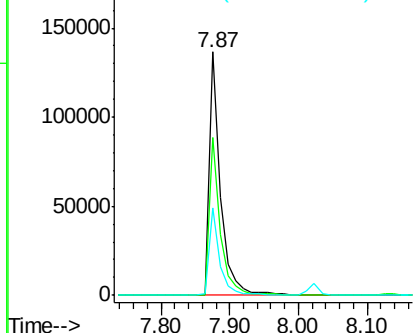
#29
 2,4-Dichlorophenol
 Concen: 38.30 ng
 RT: 7.87 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion:162 Resp: 157456
 Ion Ratio Lower Upper
 162 100
 164 64.7 43.1 83.1
 98 35.8 19.6 59.6

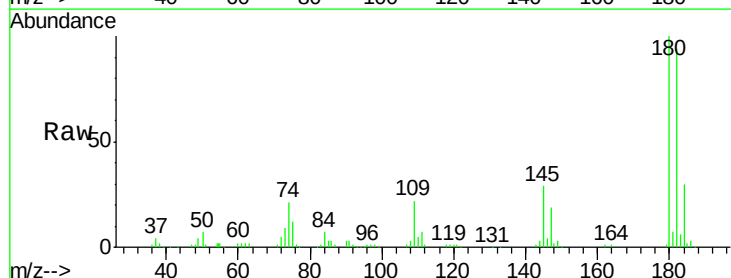


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

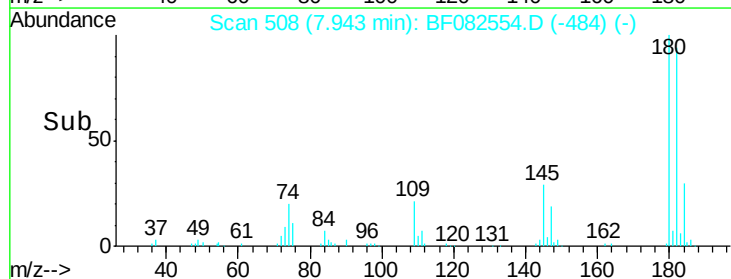
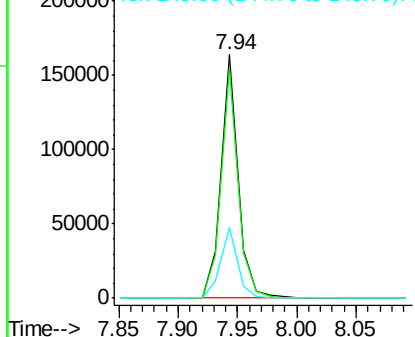


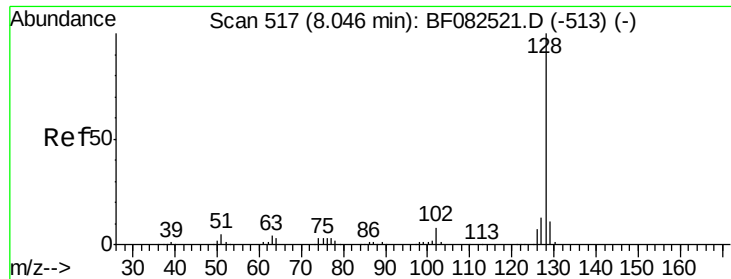
#30
 1,2,4-Trichlorobenzene
 Concen: 34.74 ng
 RT: 7.94 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:180 Resp: 161498
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.6 115.0
 145 29.0 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

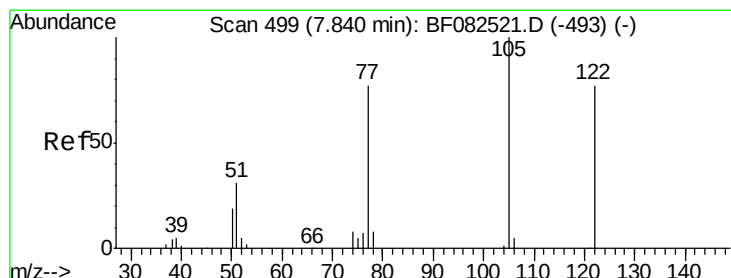
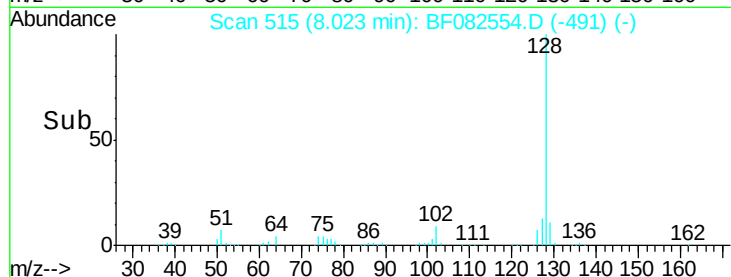
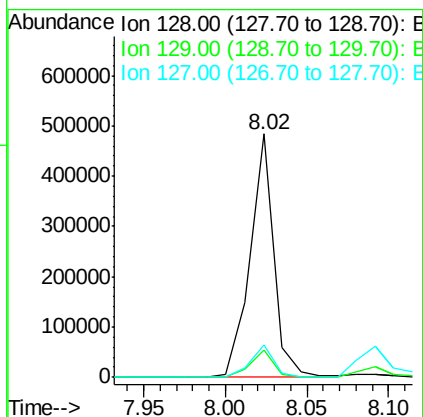
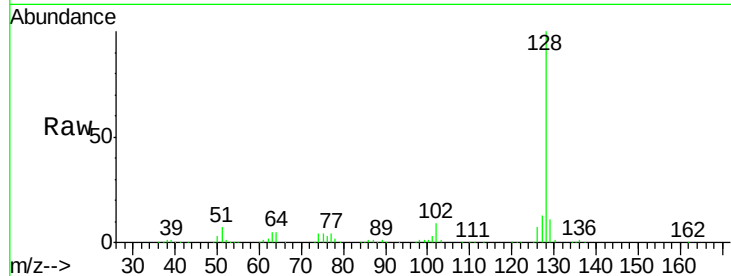




#31
Naphthalene
Concen: 35.26 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

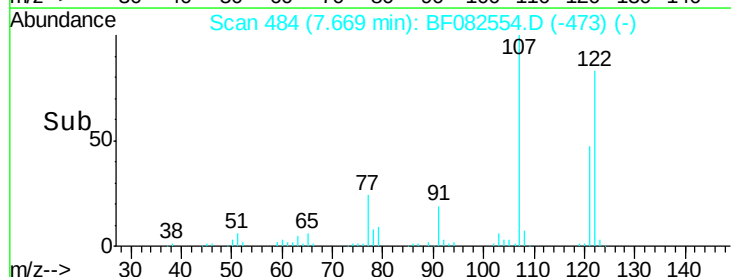
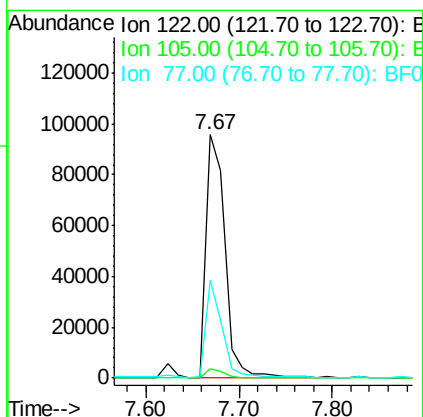
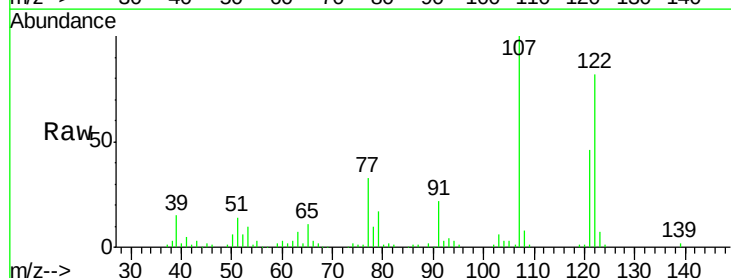
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

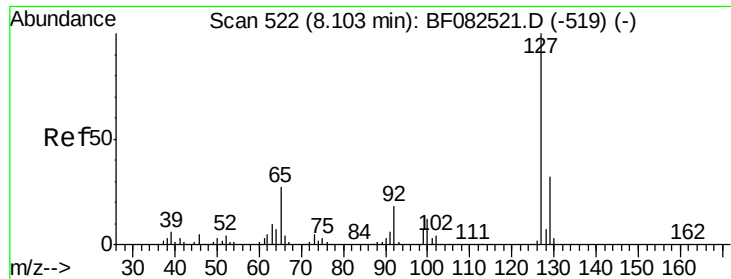
Tgt Ion:128 Resp: 488645
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 59.40 ng
RT: 7.67 min Scan# 484
Delta R.T. -0.17 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion:122 Resp: 137139
Ion Ratio Lower Upper
122 100
105 3.9 106.4 146.4#
77 40.4 79.1 119.1#

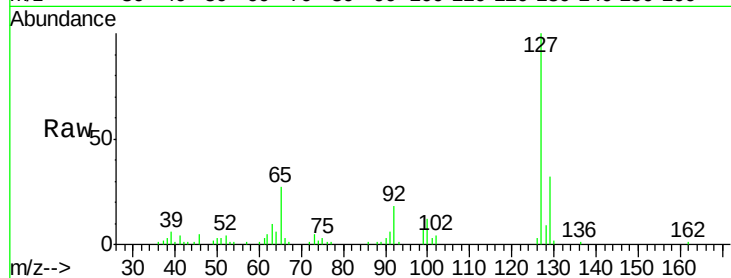




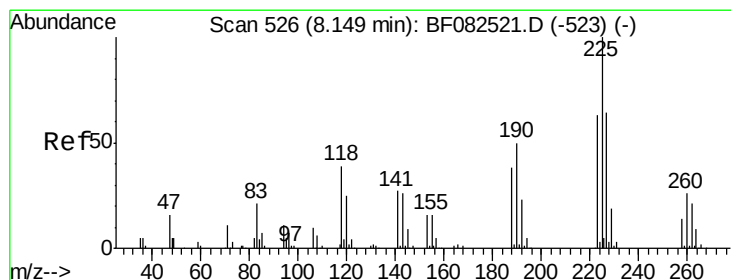
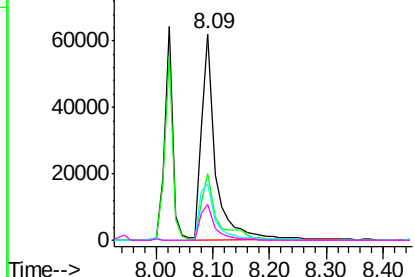
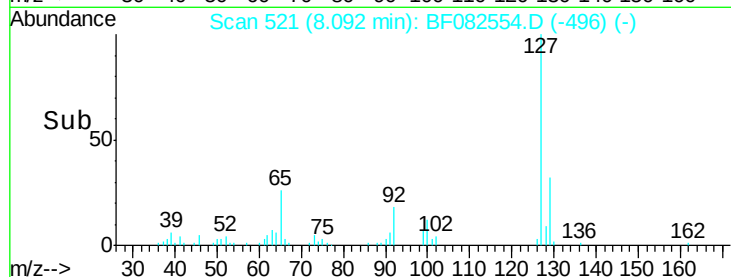
#33
 4-Chloroaniline
 Concen: 19.04 ng
 RT: 8.09 min Scan# 521
 Delta R.T. -0.01 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion:	127	Resp:	102297
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	27.0	21.8	32.6
92	17.5	14.6	22.0

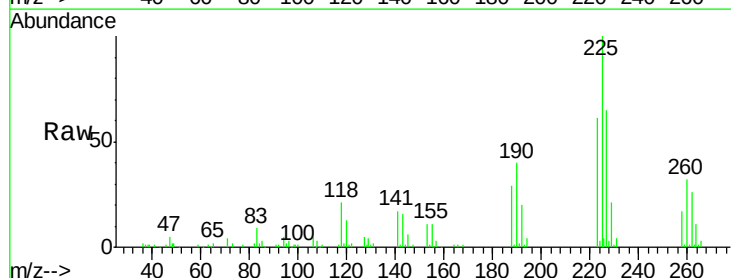


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

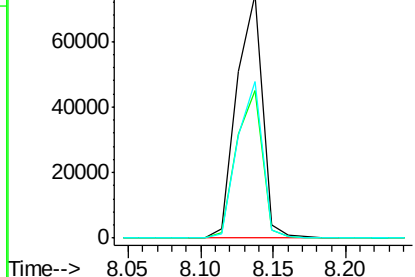
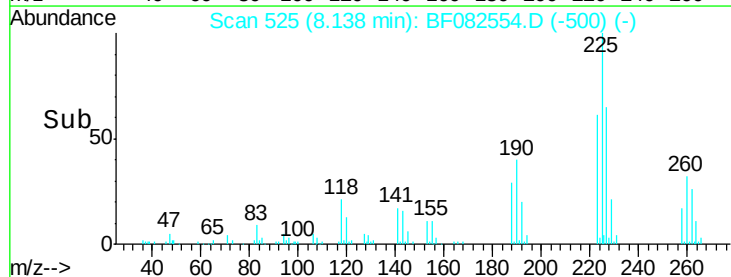


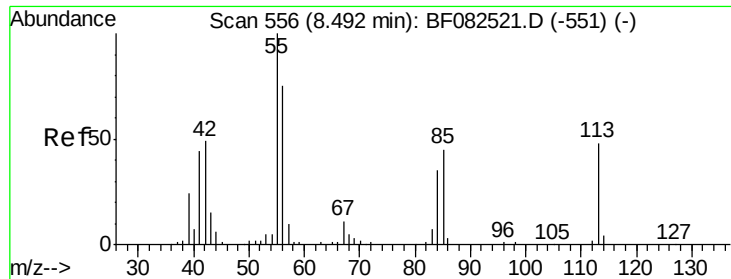
#34
 Hexachlorobutadiene
 Concen: 34.07 ng
 RT: 8.14 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:	225	Resp:	91597
Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.2	75.4
227	64.5	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

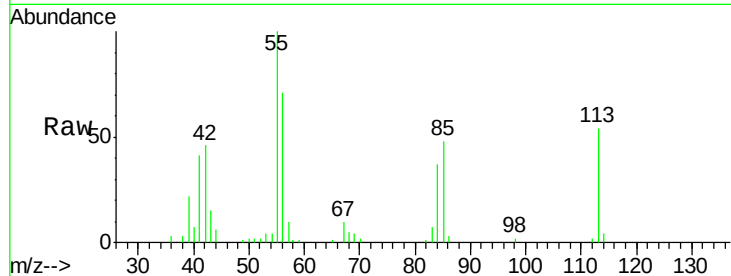




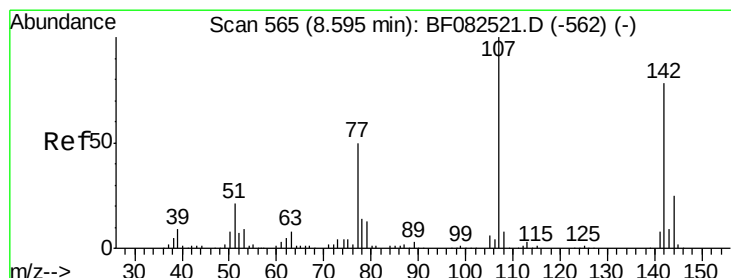
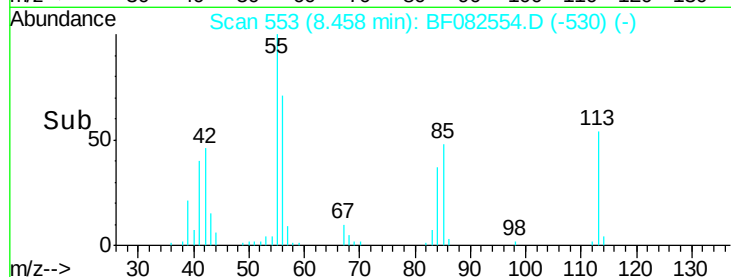
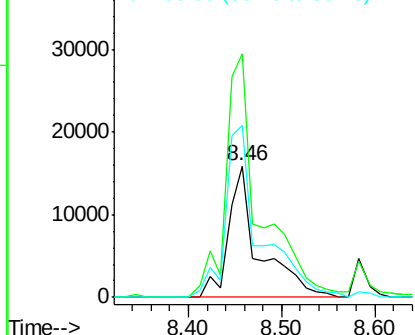
#35
 Caprolactam
 Concen: 32.03 ng
 RT: 8.46 min Scan# 553
 Delta R.T. -0.03 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion:113 Resp: 36604
 Ion Ratio Lower Upper
 113 100
 55 185.2 188.9 228.9#
 56 131.0 135.8 175.8#

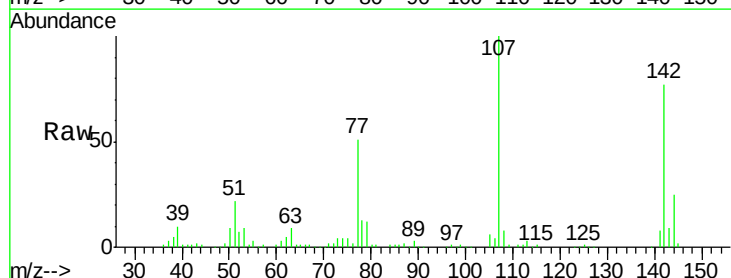


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

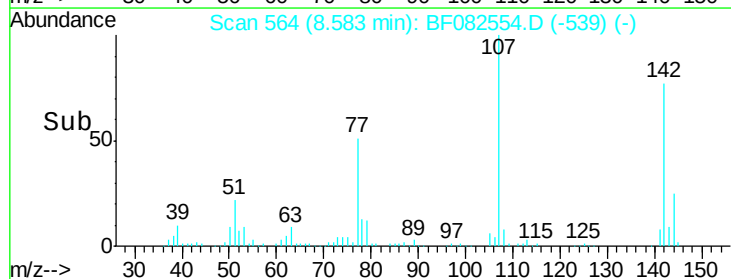
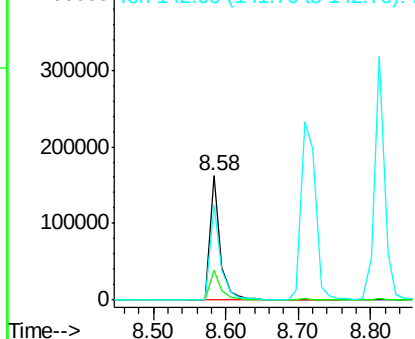


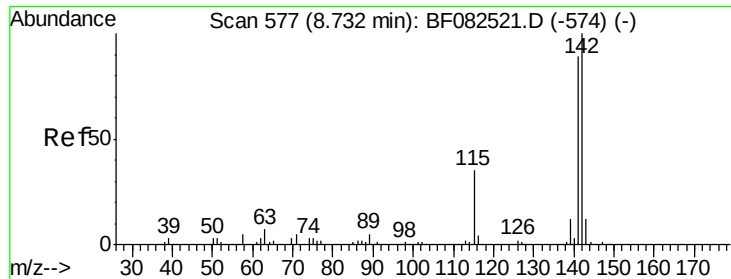
#36
 4-Chloro-3-methylphenol
 Concen: 39.78 ng
 RT: 8.58 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:107 Resp: 159009
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.2 30.2
 142 77.1 62.6 93.8



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

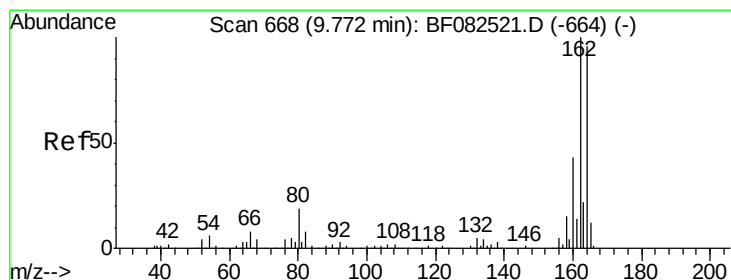
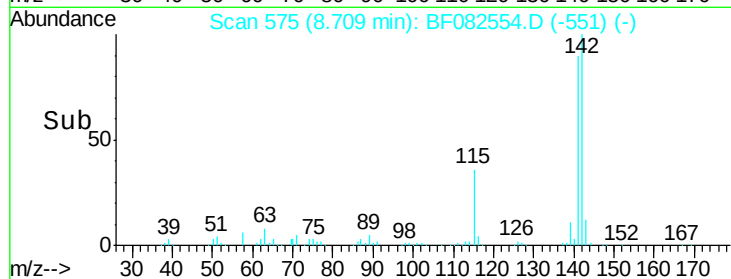
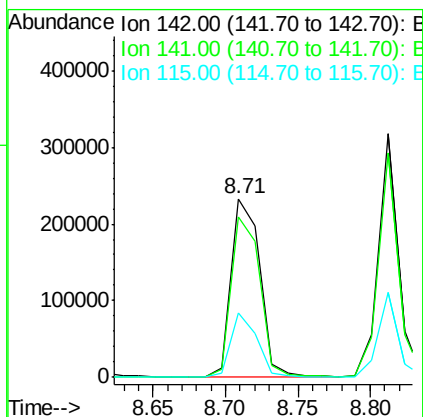
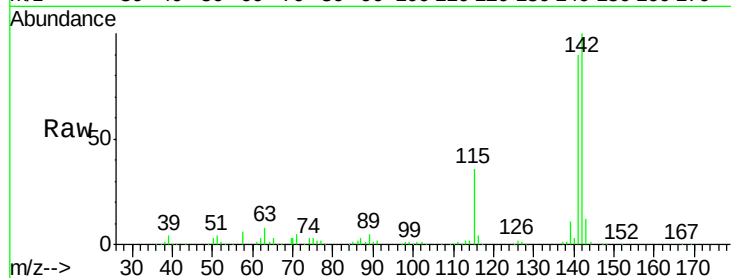




#37
 2-Methylnaphthalene
 Concen: 34.37 ng
 RT: 8.71 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

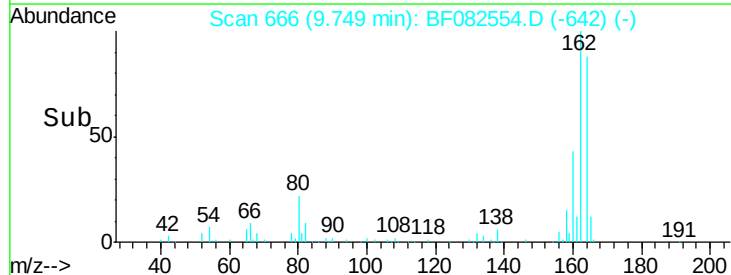
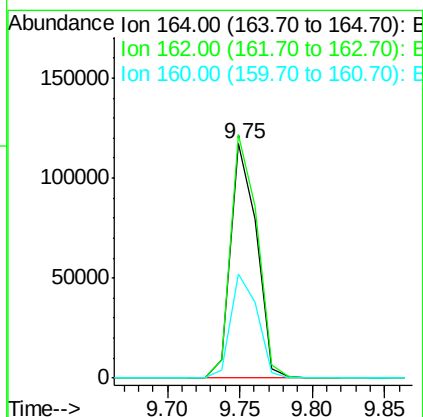
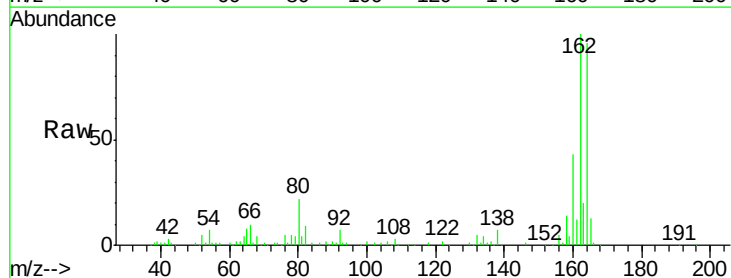
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

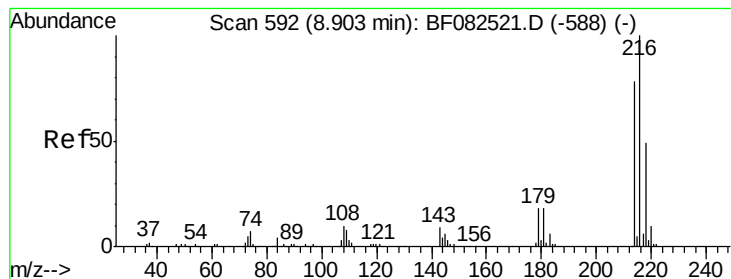
Tgt Ion:142 Resp: 321855
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.0 106.6
 115 36.1 28.0 42.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:164 Resp: 145178
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.6 125.4
 160 44.4 36.0 54.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.23 ng

RT: 8.88 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

Tgt Ion:216 Resp: 171935

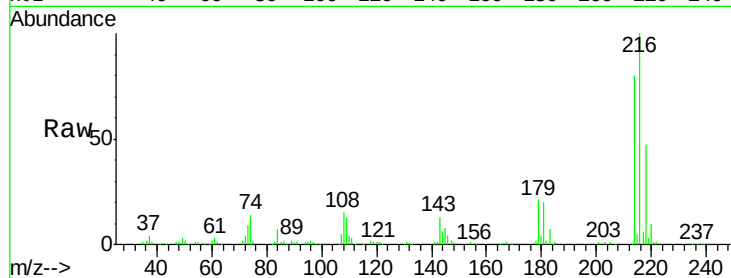
Ion Ratio Lower Upper

216 100

214 78.5 63.1 94.7

179 21.2 16.5 24.7

108 16.5 13.0 19.4

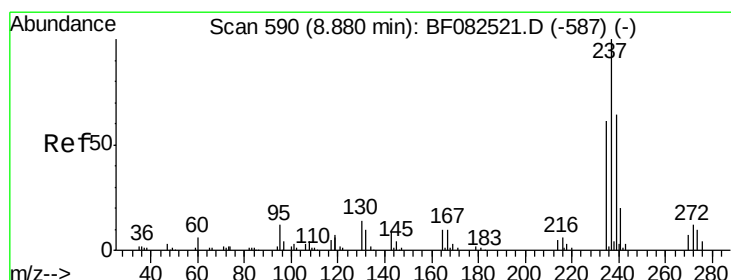
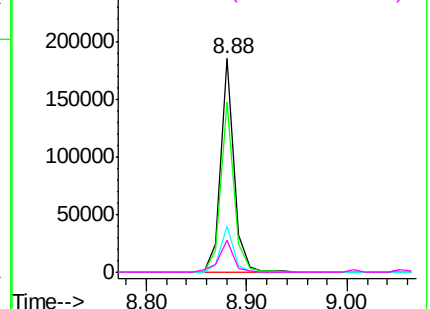
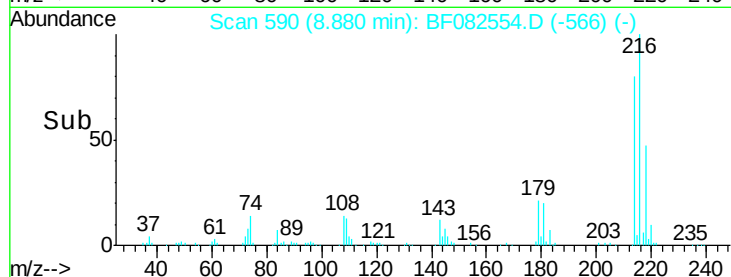


Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.56 ng

RT: 8.86 min Scan# 588

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

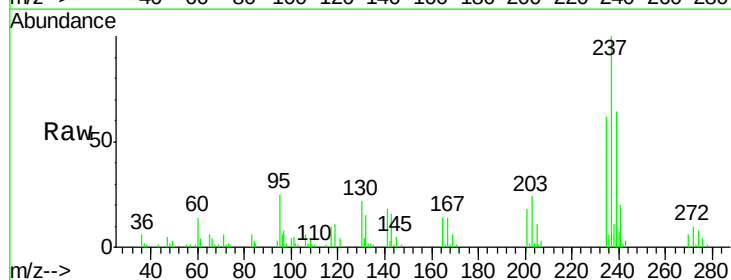
Tgt Ion:237 Resp: 45950

Ion Ratio Lower Upper

237 100

235 61.6 41.4 81.4

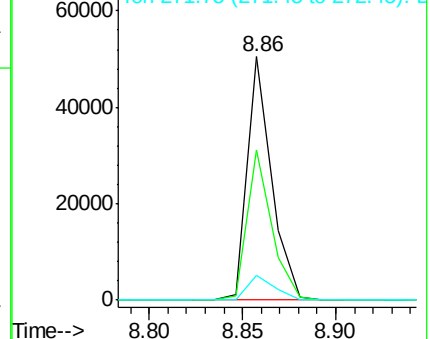
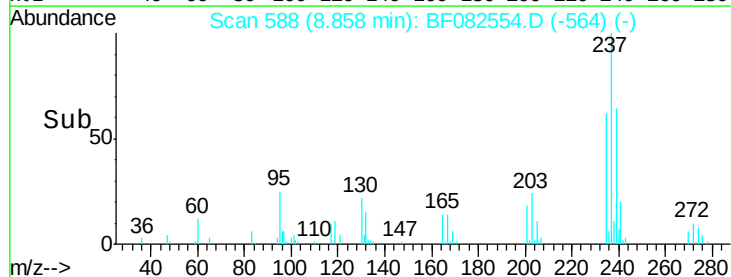
272 10.2 0.0 31.7

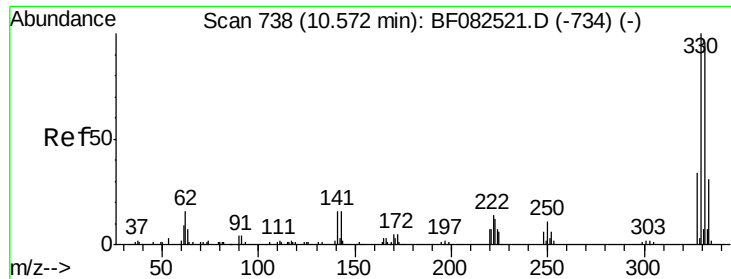


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

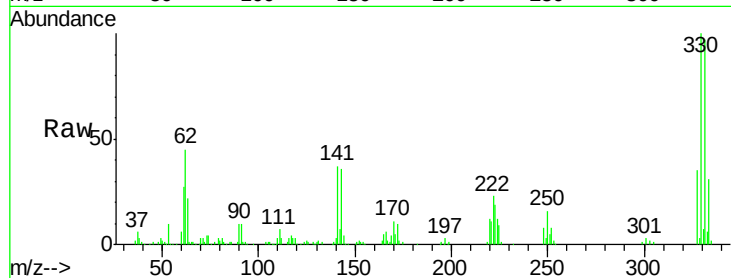




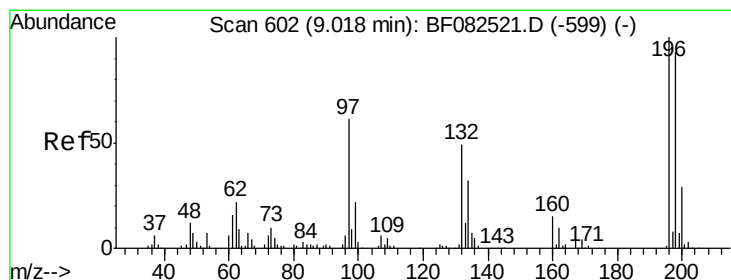
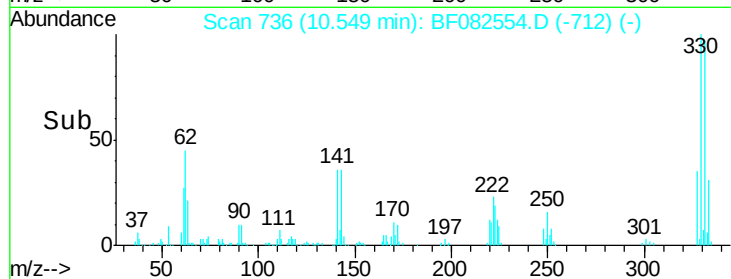
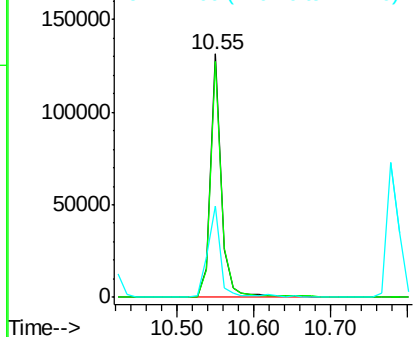
#41
 2,4,6-Tribromophenol
 Concen: 119.64 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion:330 Resp: 130066
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.0
 141 42.9 32.5 48.7

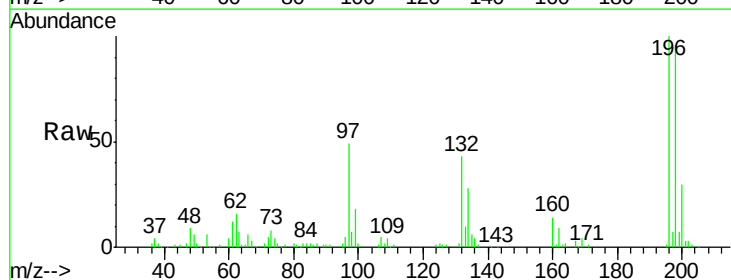


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

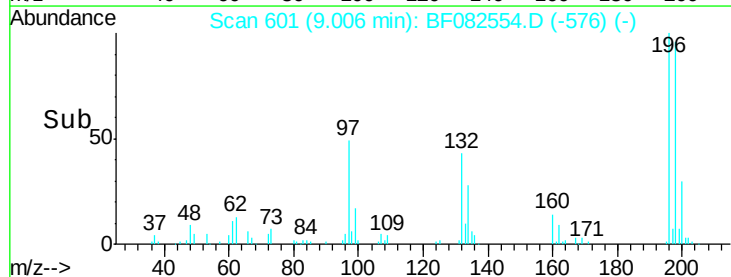
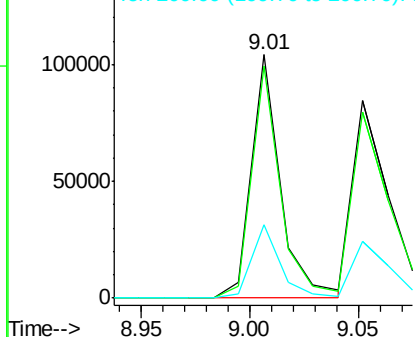


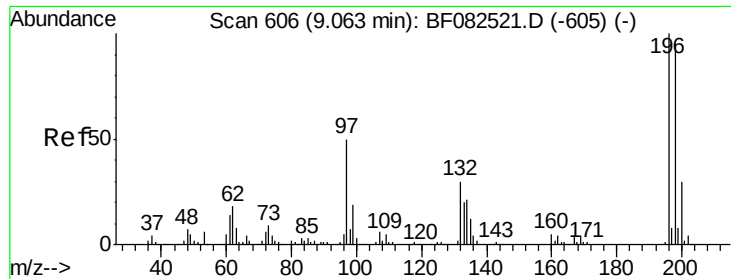
#42
 2,4,6-Trichlorophenol
 Concen: 35.48 ng
 RT: 9.01 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:196 Resp: 96909
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.1 111.1
 200 30.2 23.4 35.0



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

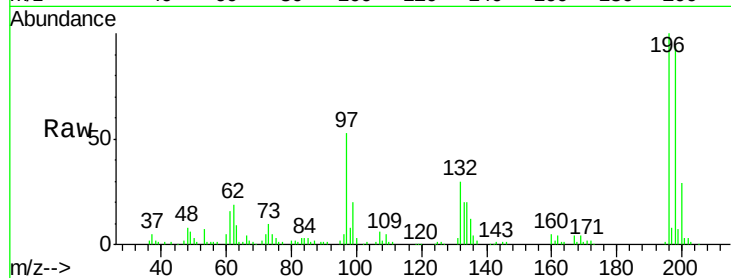




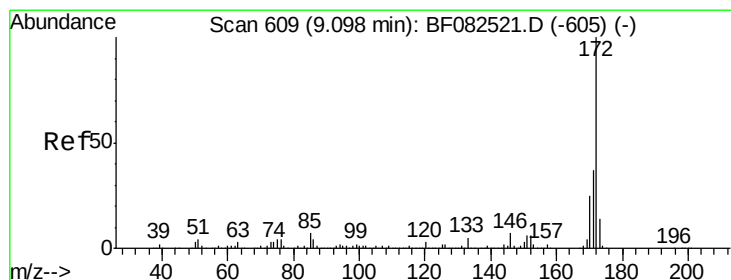
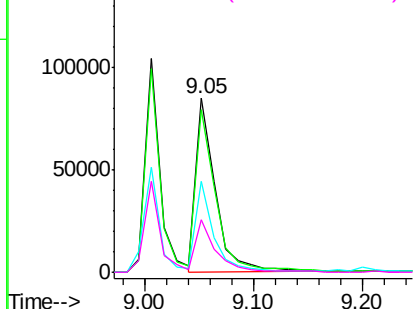
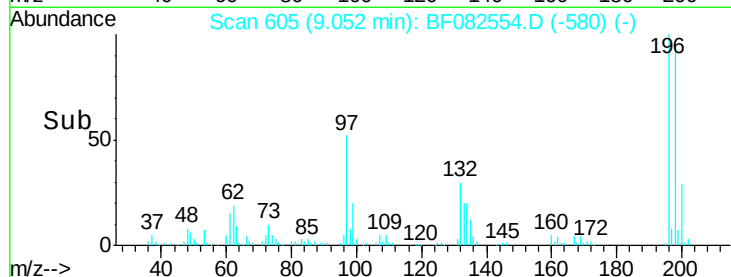
#43
 2,4,5-Trichlorophenol
 Concen: 36.81 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion:196 Resp: 105446
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.4 113.2
 97 52.7 40.8 61.2
 132 29.9 24.6 37.0

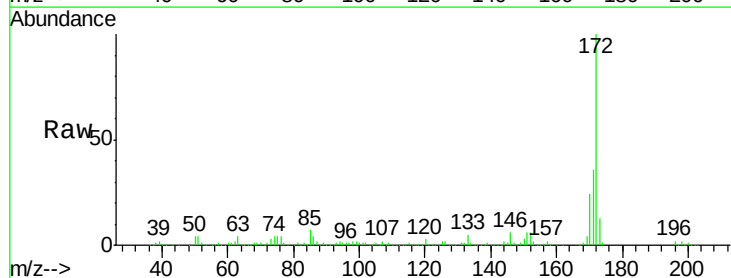


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

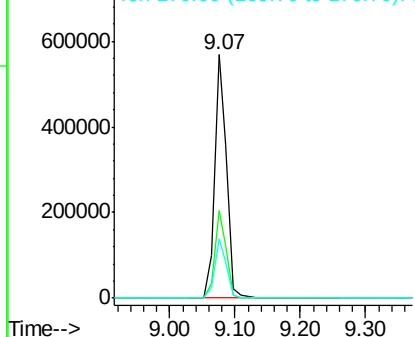
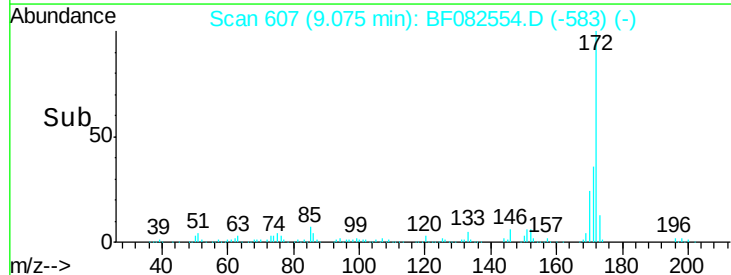


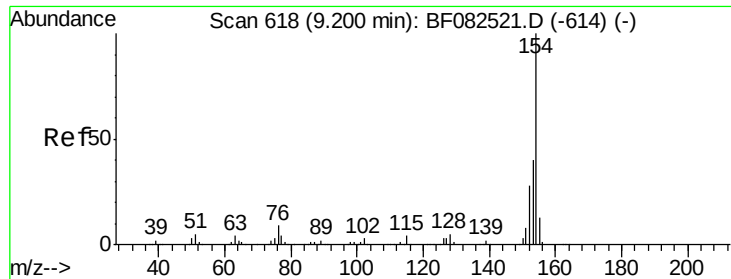
#44
 2-Fluorobiphenyl
 Concen: 80.34 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:172 Resp: 733531
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.3 43.9
 170 24.1 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

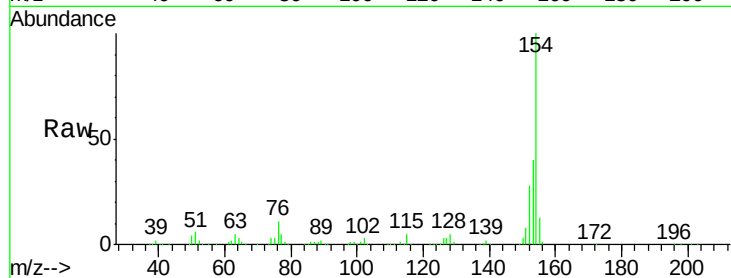




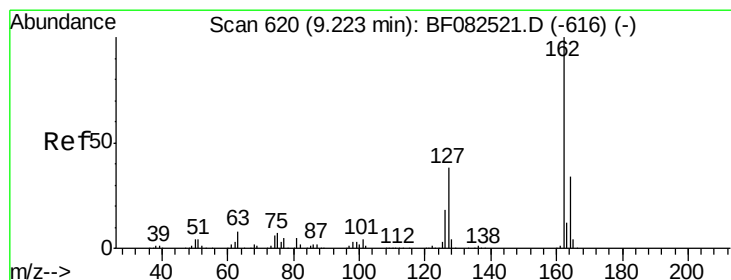
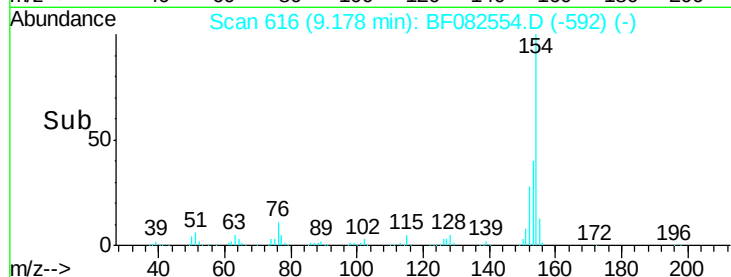
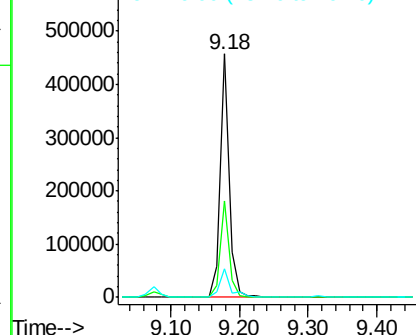
#45
 1,1'-Biphenyl
 Concen: 39.52 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion:154 Resp: 426985
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.4 60.4
 76 11.5 0.0 29.2

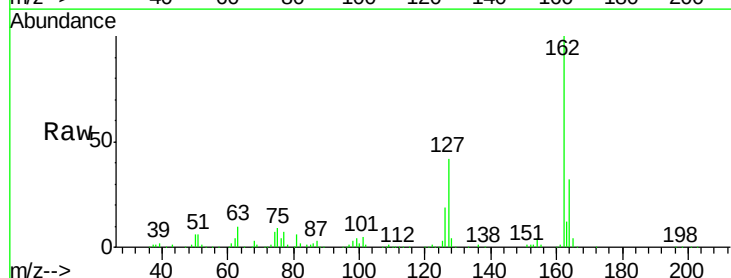


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

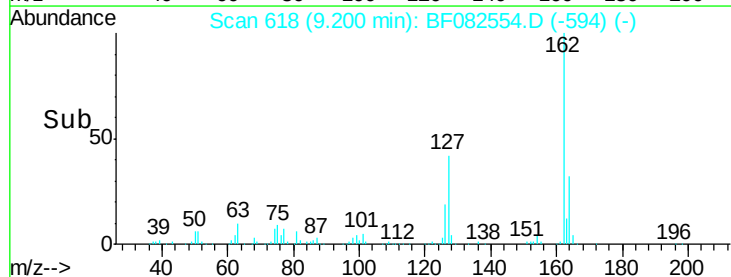
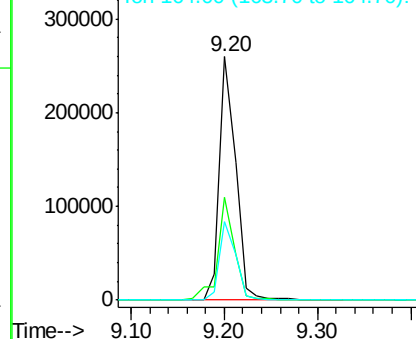


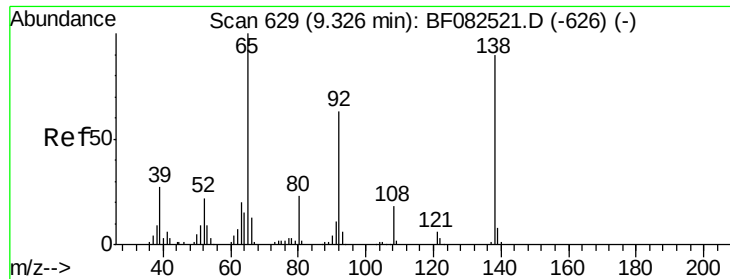
#46
 2-Chloronaphthalene
 Concen: 36.98 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:162 Resp: 314955
 Ion Ratio Lower Upper
 162 100
 127 42.0 30.6 46.0
 164 32.2 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

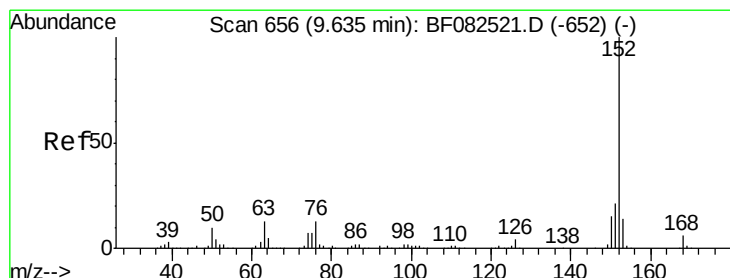
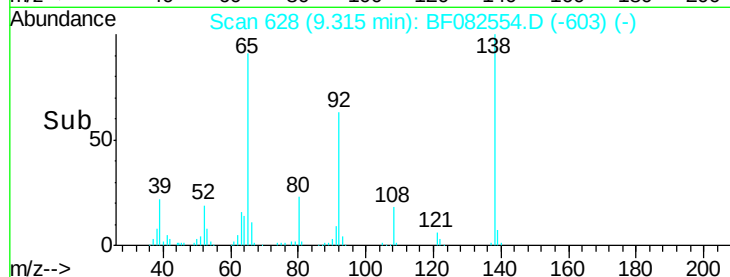
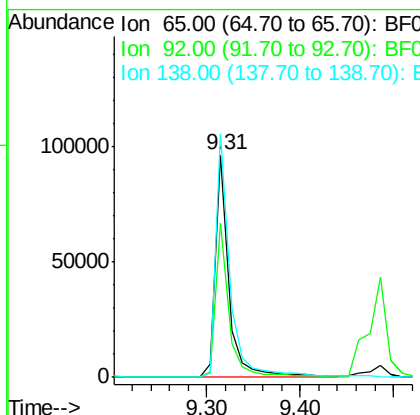
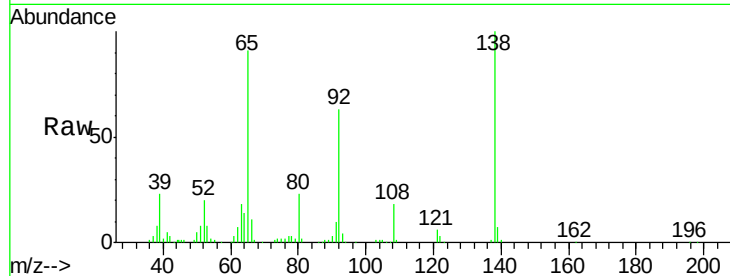




#47
 2-Nitroaniline
 Concen: 39.29 ng
 RT: 9.31 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

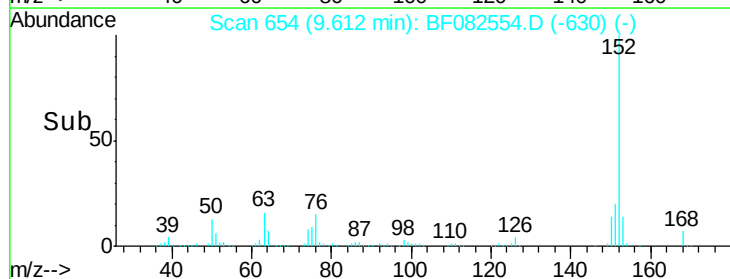
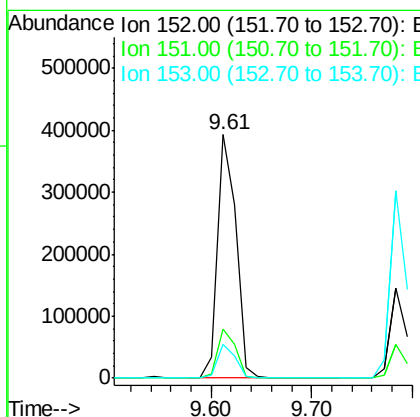
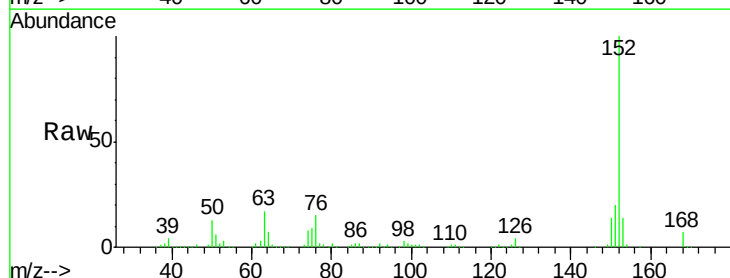
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

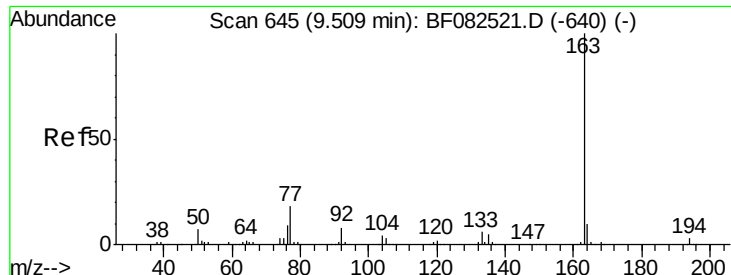
Tgt Ion: 65 Resp: 97184
 Ion Ratio Lower Upper
 65 100
 92 69.5 50.6 76.0
 138 109.5 71.8 107.6#



#48
 Acenaphthylene
 Concen: 36.83 ng
 RT: 9.61 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion: 152 Resp: 502305
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.6 25.0
 153 13.7 10.9 16.3





#49

Dimethylphthalate

Concen: 48.43 ng

RT: 9.49 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

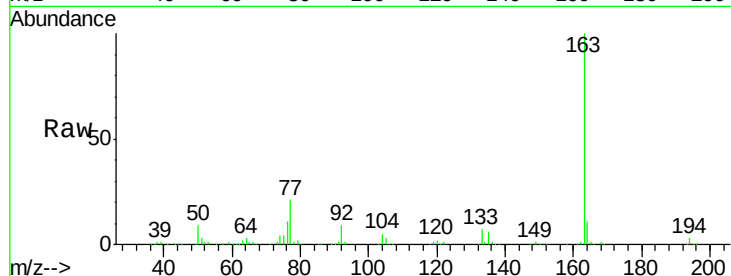
Tgt Ion:163 Resp: 489221

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

164 10.6 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

600000

500000

400000

300000

200000

100000

0

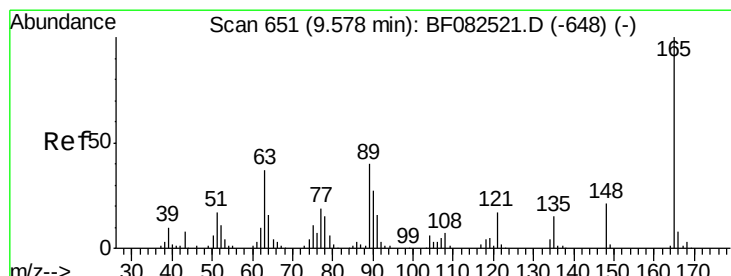
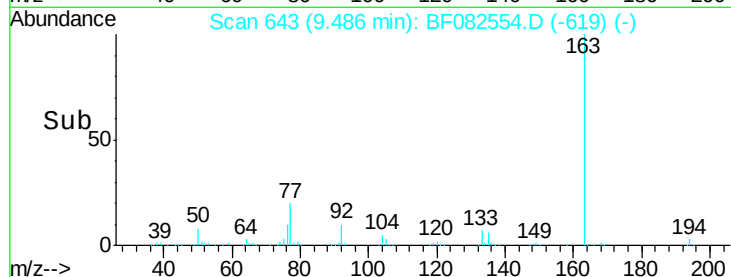
9.49

9.40

9.50

9.60

Time-->



#50

2,6-Dinitrotoluene

Concen: 38.32 ng

RT: 9.55 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

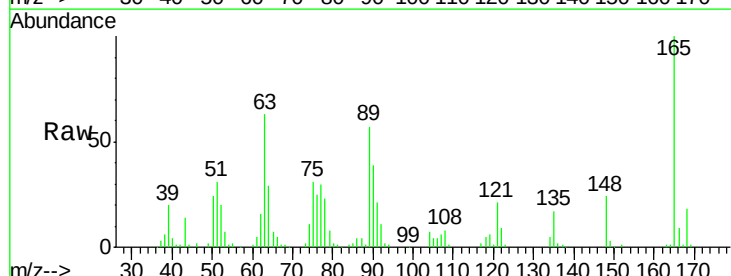
Tgt Ion:165 Resp: 84870

Ion Ratio Lower Upper

165 100

63 63.4 30.7 46.1#

89 57.1 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

120000

100000

80000

60000

40000

20000

0

9.55

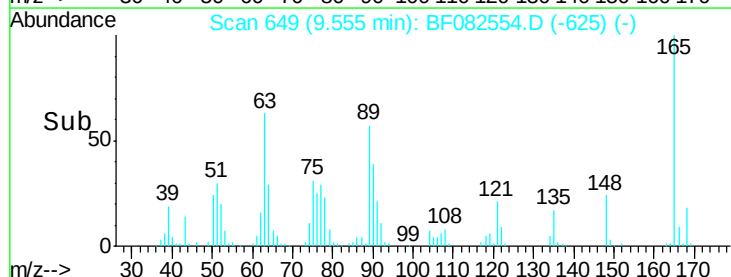
9.50

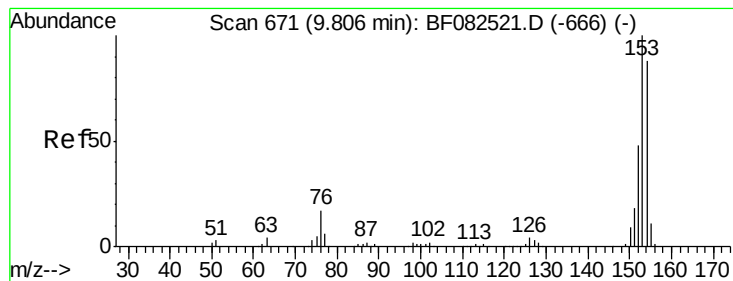
9.55

9.60

9.65

Time-->





#51

Acenaphthene

Concen: 37.63 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

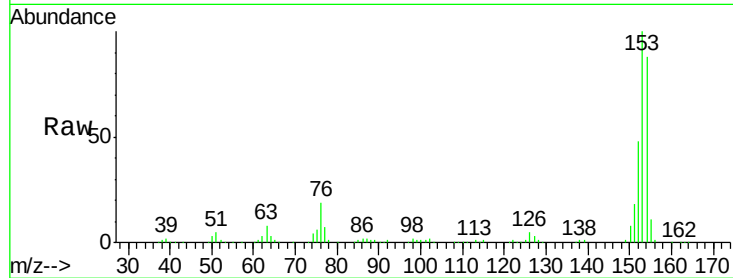
Tgt Ion:154 Resp: 294347

Ion Ratio Lower Upper

154 100

153 114.3 90.7 136.1

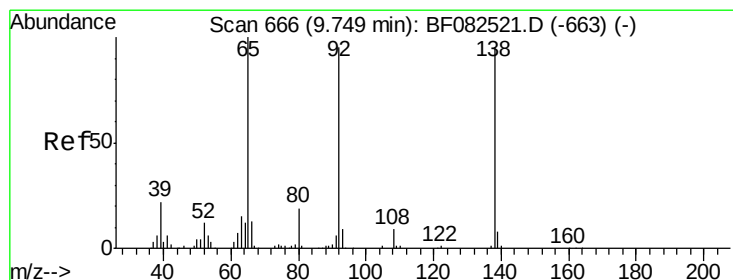
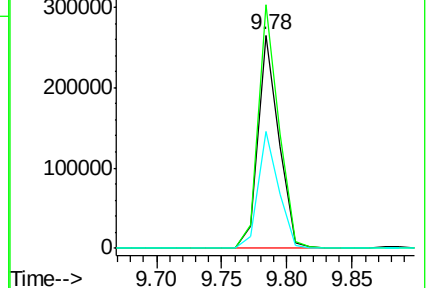
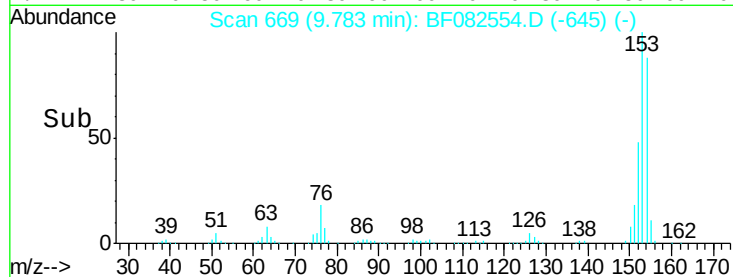
152 54.6 44.0 66.0



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: 29.57 ng

RT: 9.73 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

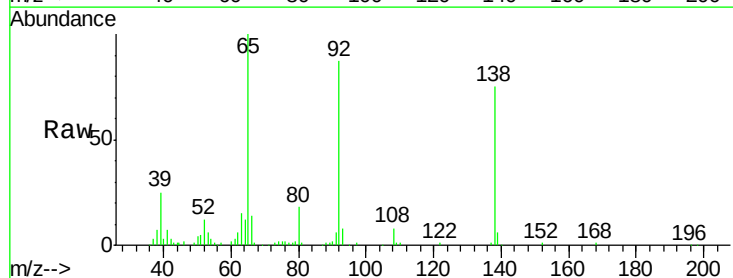
Tgt Ion:138 Resp: 71076

Ion Ratio Lower Upper

138 100

108 10.4 7.4 11.2

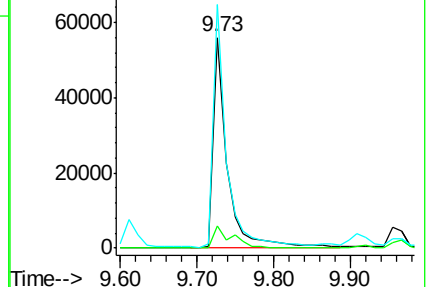
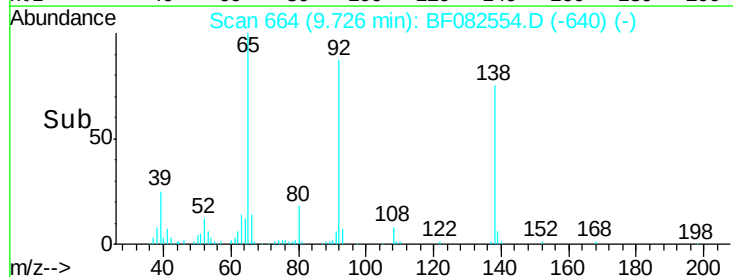
92 115.7 80.2 120.2

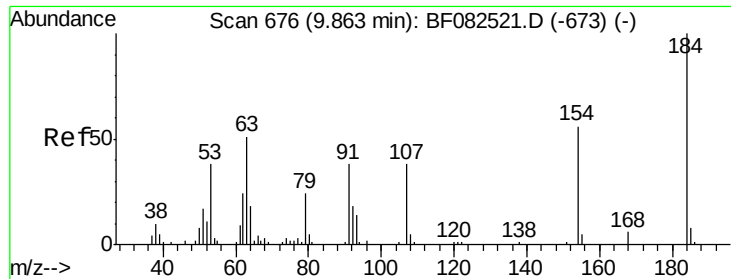


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

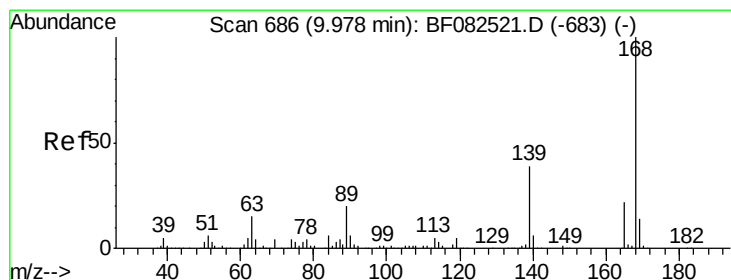
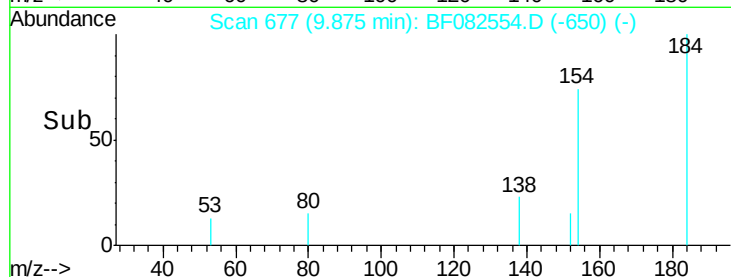
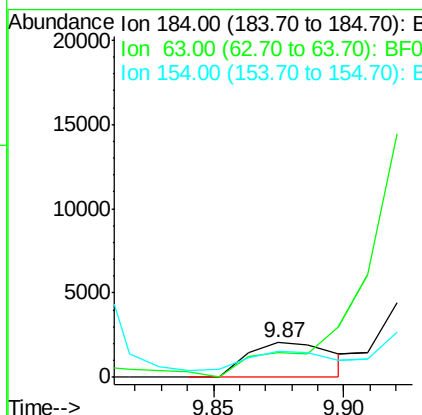
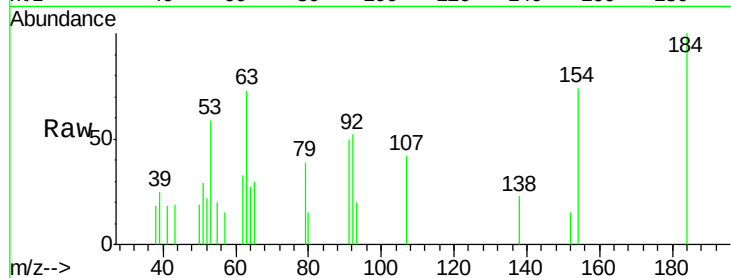




#53
 2,4-Dinitrophenol
 Concen: 10.73 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.01 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

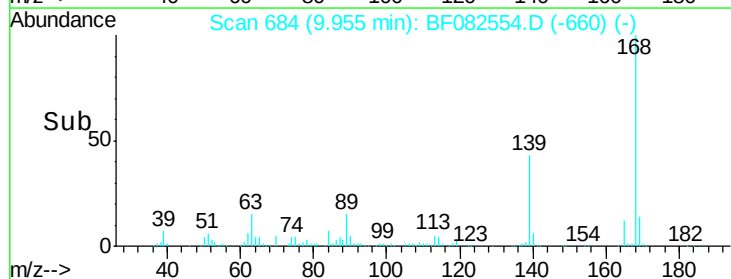
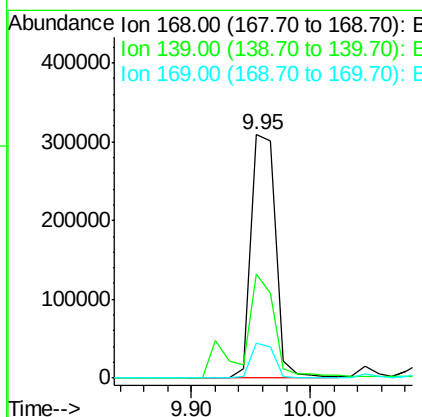
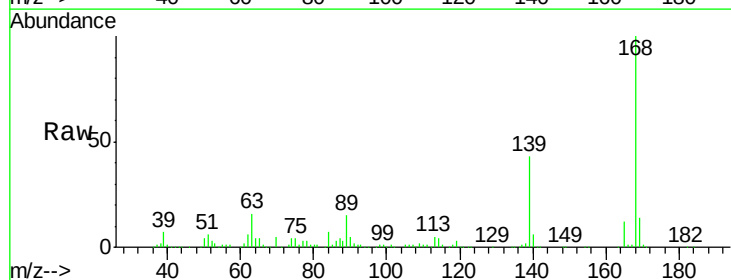
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

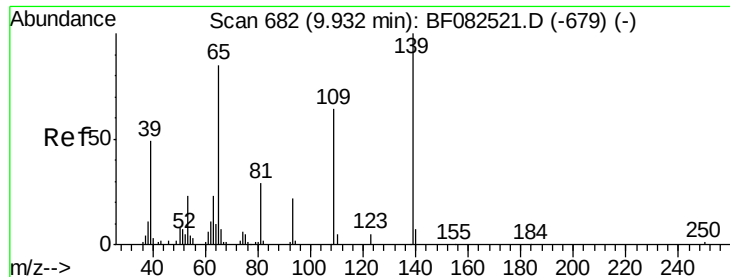
Tgt Ion:184 Resp: 4631
 Ion Ratio Lower Upper
 184 100
 63 72.9 41.4 62.0#
 154 73.9 48.2 72.2#



#54
 Dibenzofuran
 Concen: 39.55 ng
 RT: 9.95 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:168 Resp: 451401
 Ion Ratio Lower Upper
 168 100
 139 43.0 33.0 49.6
 169 14.2 11.0 16.4





#55

4-Nitrophenol

Concen: 158.46 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

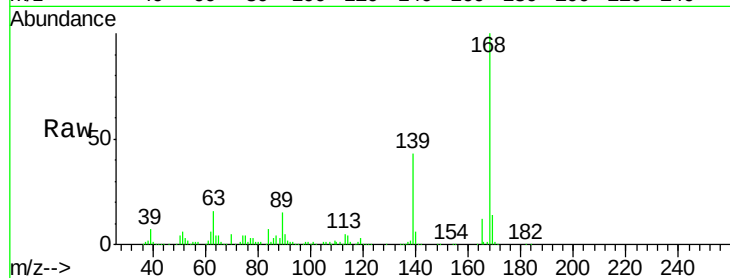
Tgt Ion:139 Resp: 256800

Ion Ratio Lower Upper

139 100

109 4.9 44.2 84.2#

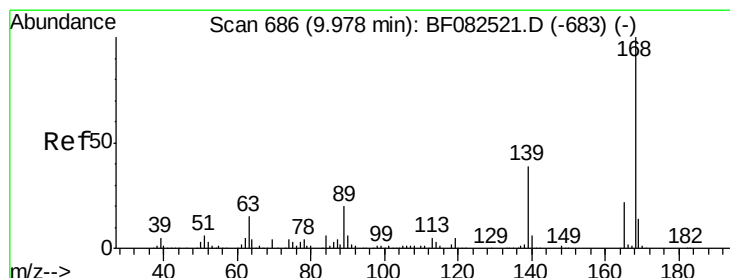
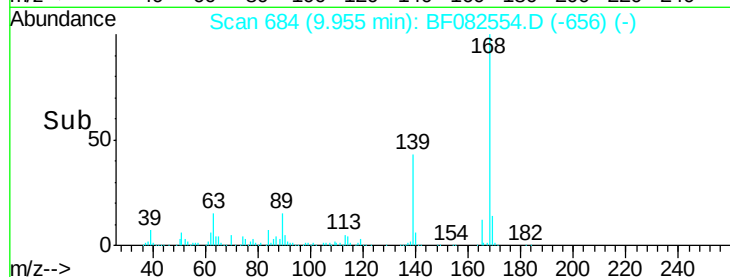
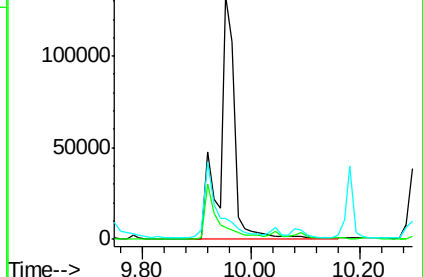
65 8.8 68.1 108.1#



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: 40.65 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Tgt Ion:165 Resp: 109194

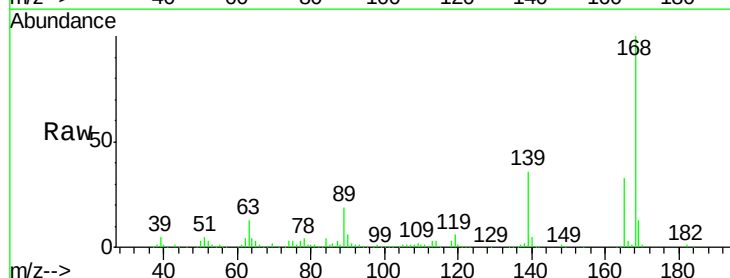
Ion Ratio Lower Upper

165 100

63 39.8 58.6 88.0#

89 58.0 72.3 108.5#

182 2.3 1.8 2.8

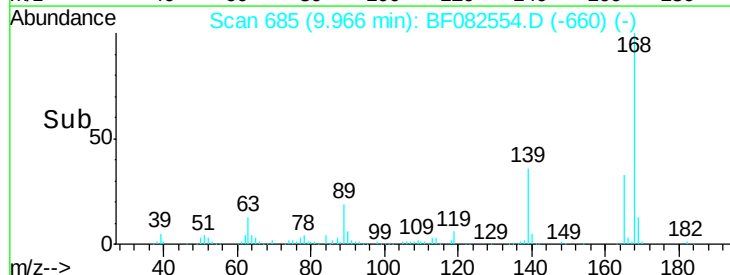
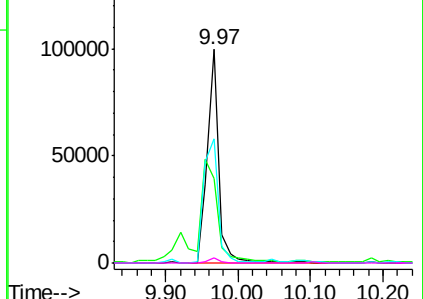


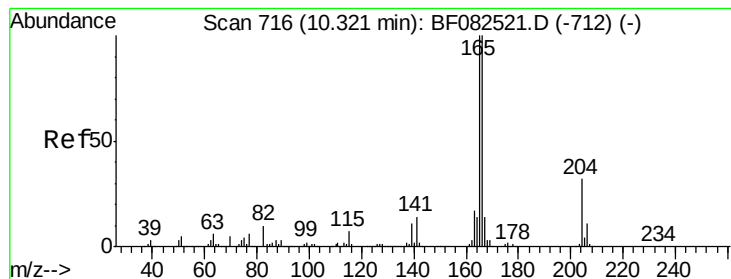
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.58 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

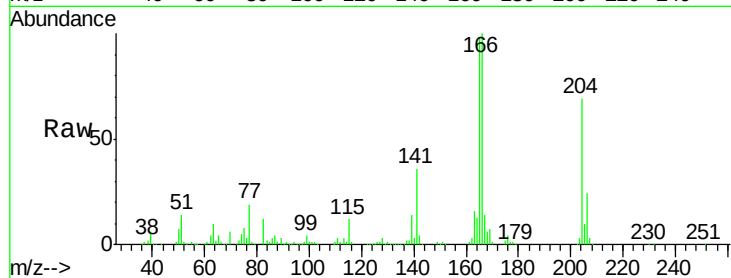
Tgt Ion:166 Resp: 352091

Ion Ratio Lower Upper

166 100

165 98.3 79.7 119.5

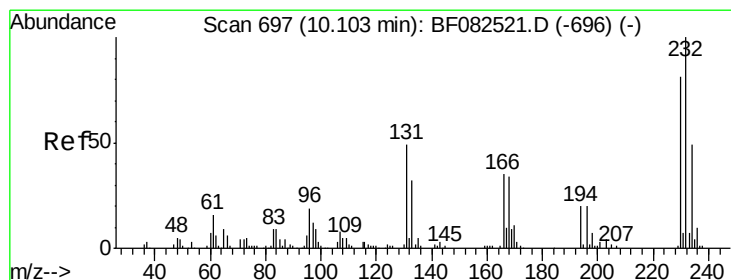
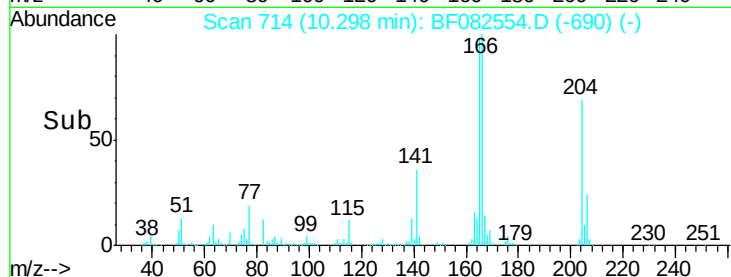
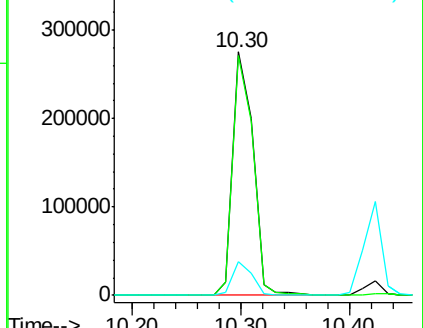
167 13.8 11.0 16.4



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: 36.42 ng

RT: 10.09 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Tgt Ion:232 Resp: 79858

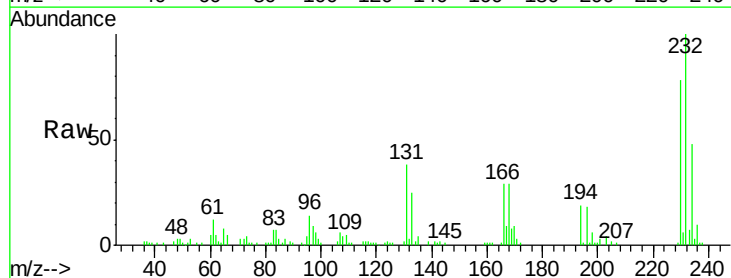
Ion Ratio Lower Upper

232 100

131 41.0 36.4 54.6

130 1.9 1.7 2.5

166 28.7 25.4 38.0

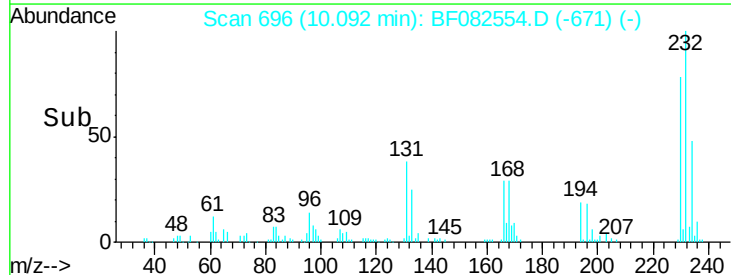
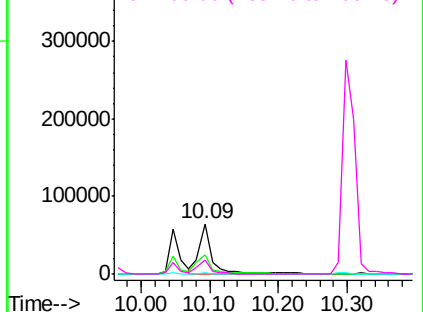


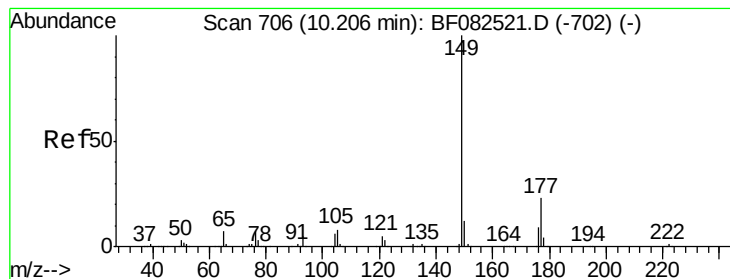
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.24 ng

RT: 10.18 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

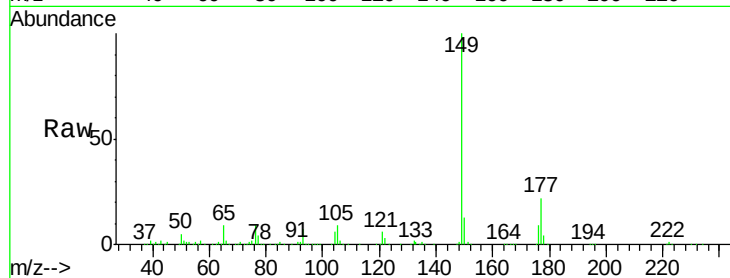
Tgt Ion:149 Resp: 395578

Ion Ratio Lower Upper

149 100

177 22.0 18.6 28.0

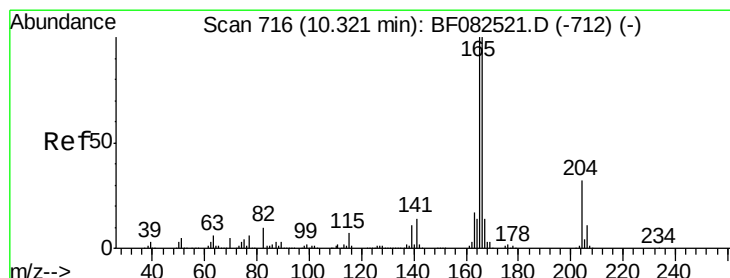
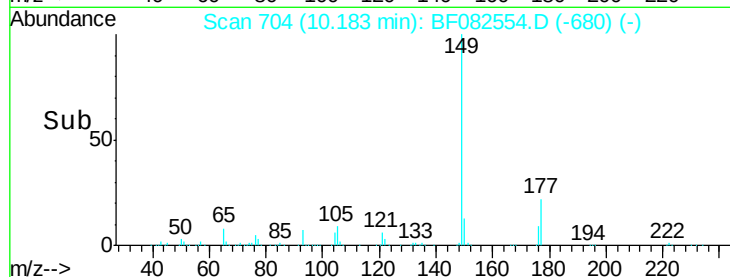
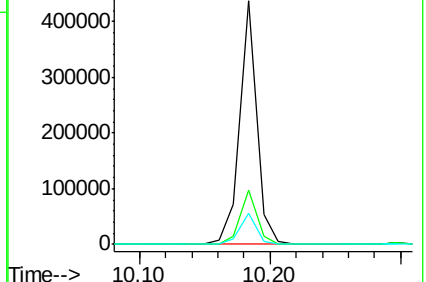
150 12.8 9.9 14.9



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: 41.32 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

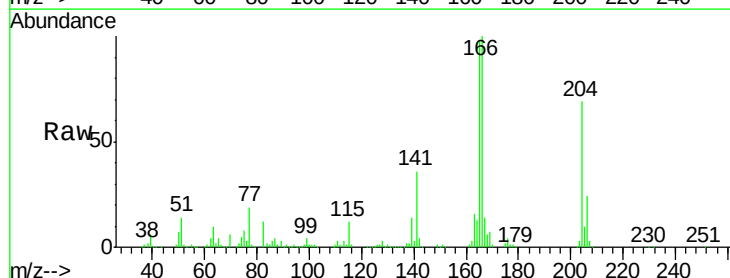
Tgt Ion:204 Resp: 182068

Ion Ratio Lower Upper

204 100

206 34.5 27.7 41.5

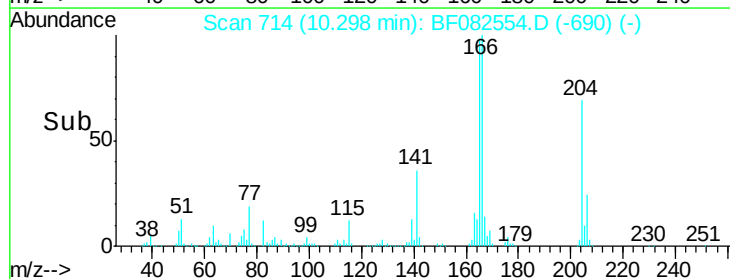
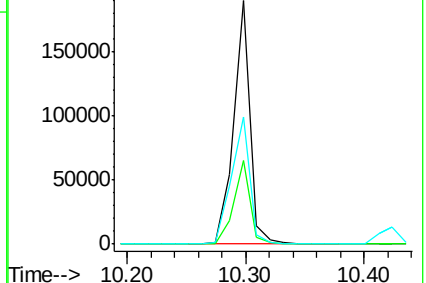
141 52.3 33.9 50.9#

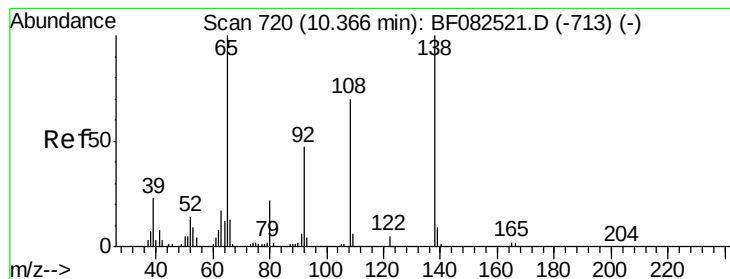


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.95 ng

RT: 10.34 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

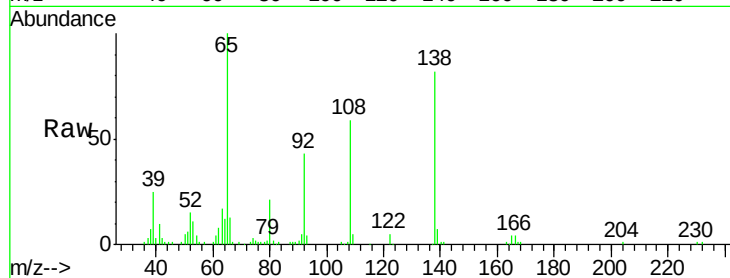
Tgt Ion:138 Resp: 79302

Ion Ratio Lower Upper

138 100

92 52.8 27.3 67.3

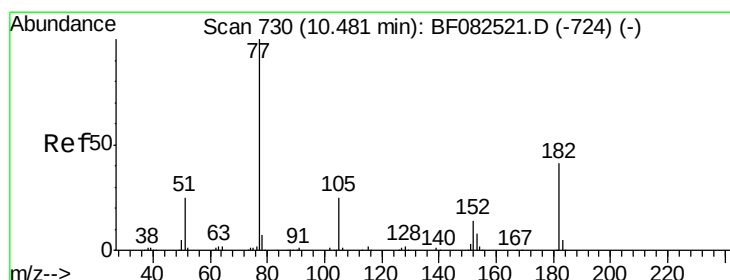
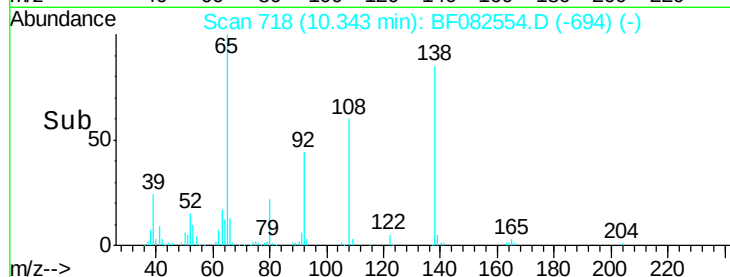
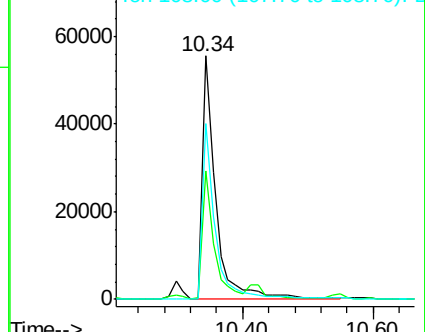
108 72.0 49.8 89.8



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: 40.76 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Tgt Ion: 77 Resp: 387098

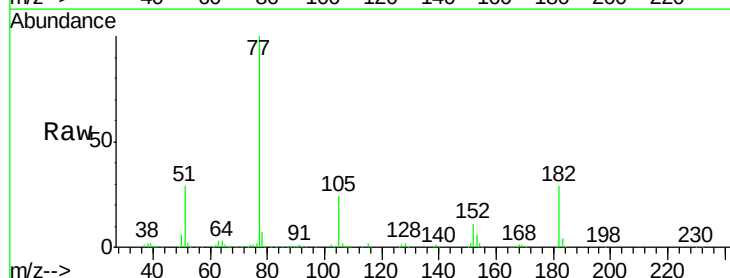
Ion Ratio Lower Upper

77 100

182 28.9 20.8 60.8

105 23.7 5.8 45.8

51 28.5 5.3 45.3

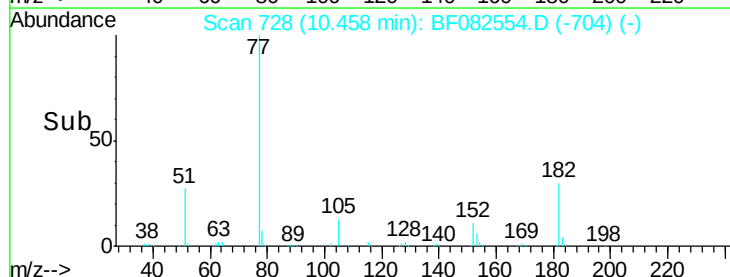
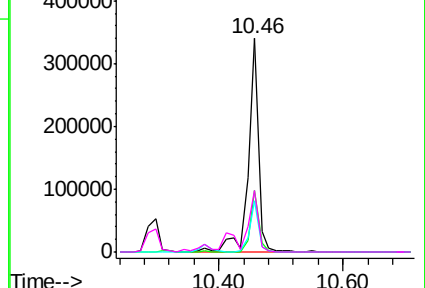


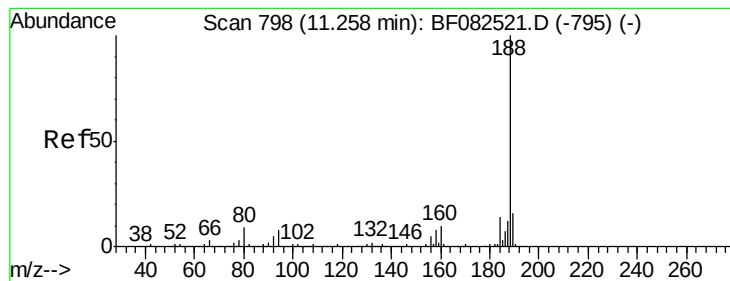
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.23 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

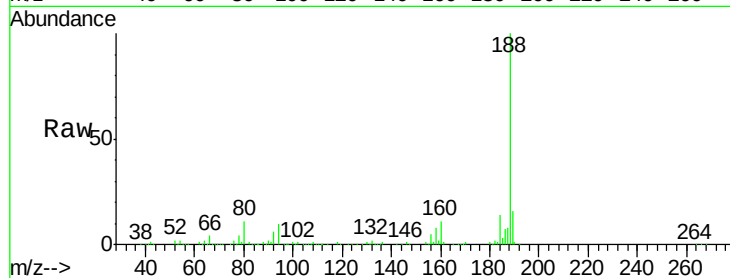
Tgt Ion:188 Resp: 281695

Ion Ratio Lower Upper

188 100

94 10.3 6.4 9.6#

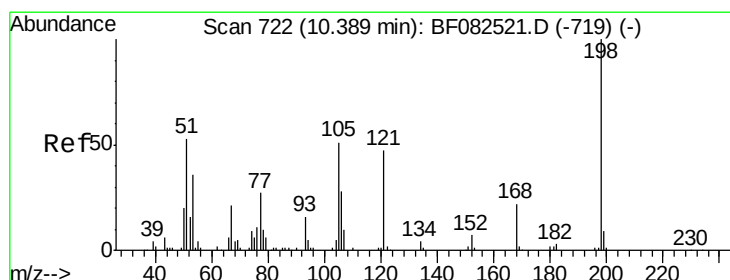
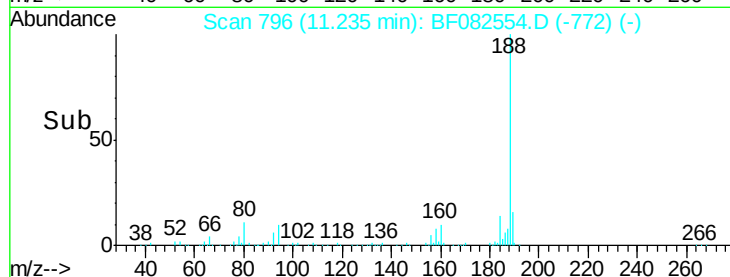
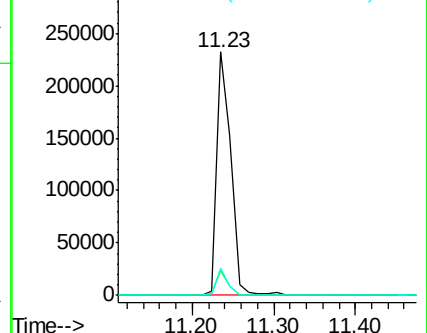
80 11.4 7.0 10.6#



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: 24.11 ng

RT: 10.38 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

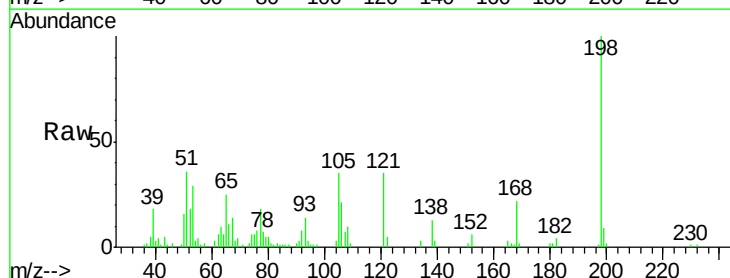
Tgt Ion:198 Resp: 39840

Ion Ratio Lower Upper

198 100

51 35.7 38.2 78.2#

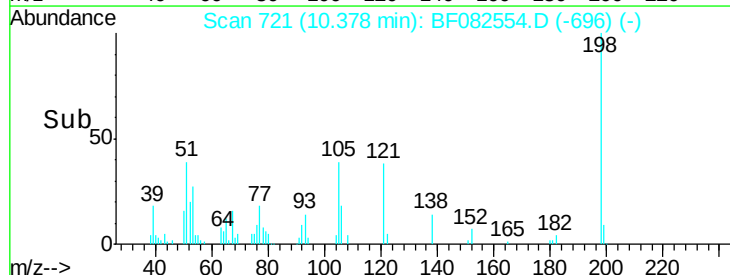
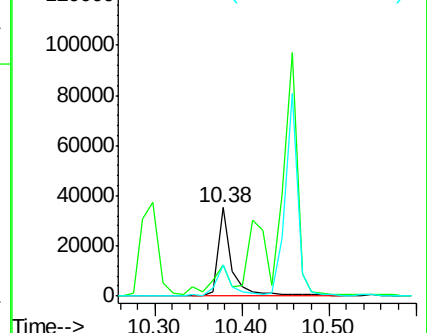
105 34.6 32.2 72.2

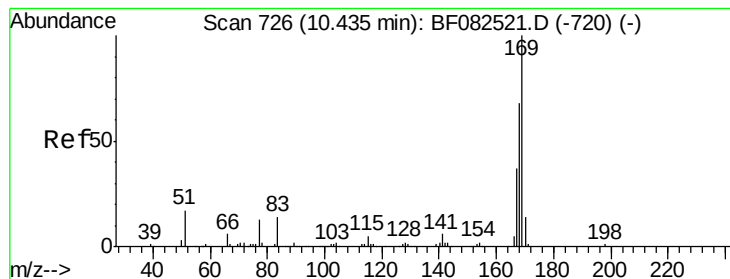


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.91 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

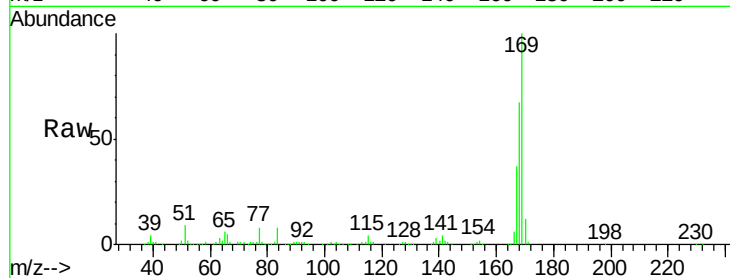
Tgt Ion:169 Resp: 323088

Ion Ratio Lower Upper

169 100

168 67.1 54.8 82.2

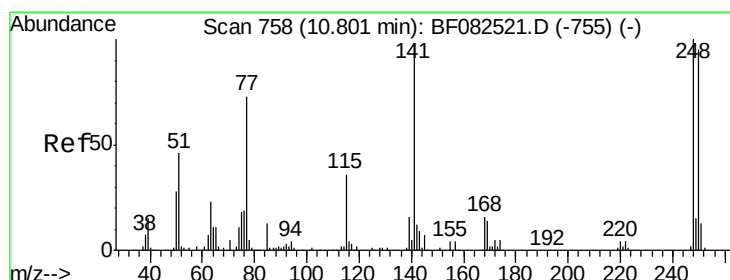
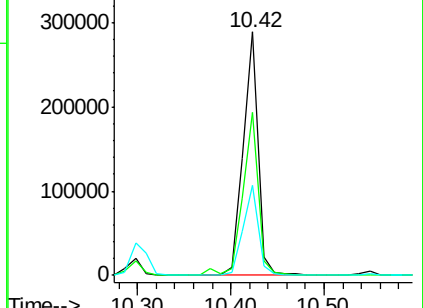
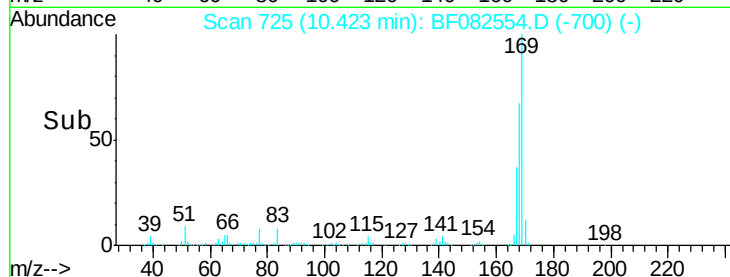
167 36.8 29.5 44.3



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: 37.32 ng

RT: 10.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

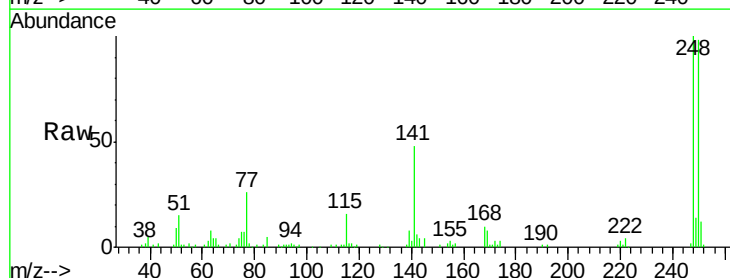
Tgt Ion:248 Resp: 98653

Ion Ratio Lower Upper

248 100

250 97.7 76.0 114.0

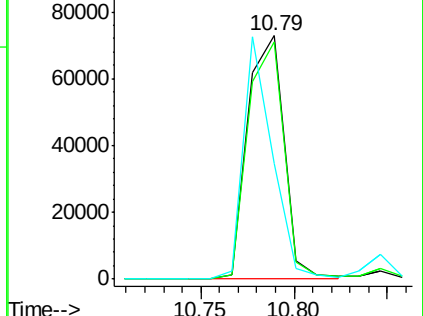
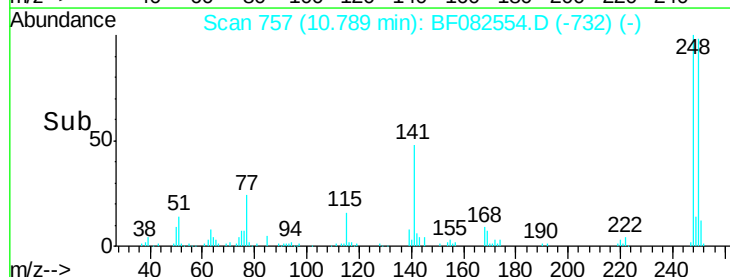
141 47.6 77.5 116.3#

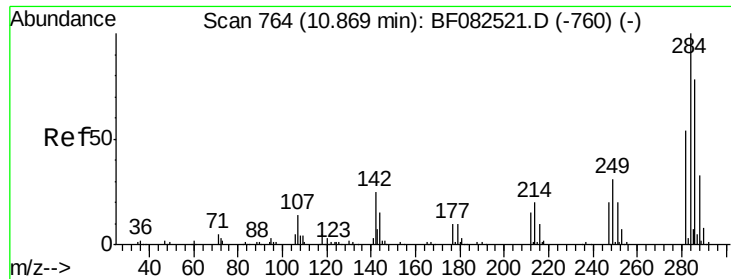


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.94 ng

RT: 10.85 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

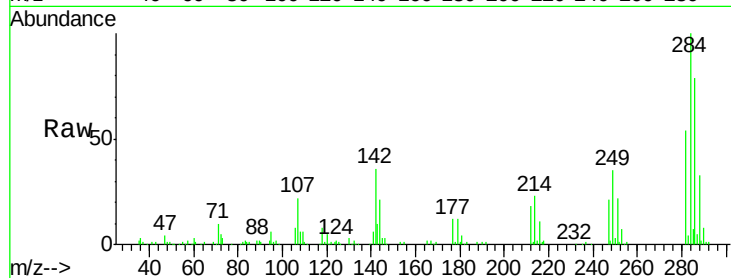
Tgt Ion:284 Resp: 106956

Ion Ratio Lower Upper

284 100

142 36.1 20.3 30.5#

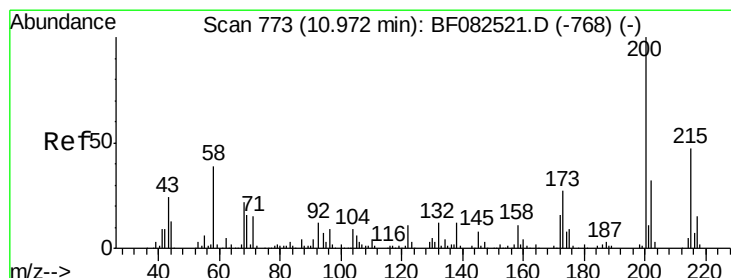
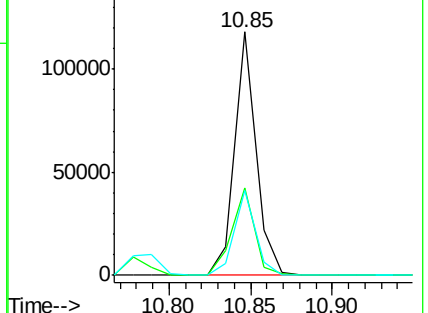
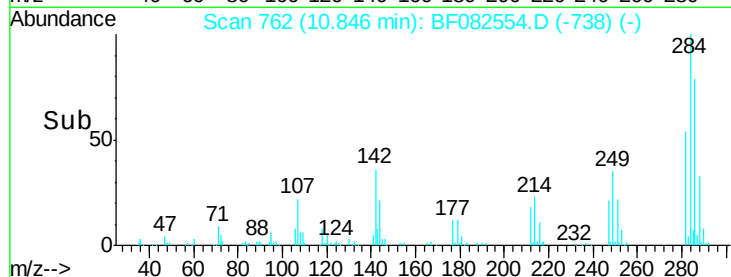
249 34.8 25.3 37.9



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: 37.11 ng

RT: 10.95 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

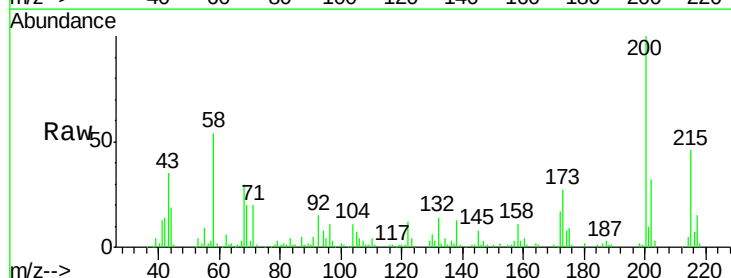
Tgt Ion:200 Resp: 97917

Ion Ratio Lower Upper

200 100

173 27.3 7.2 47.2

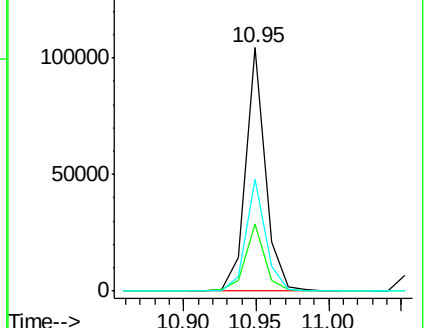
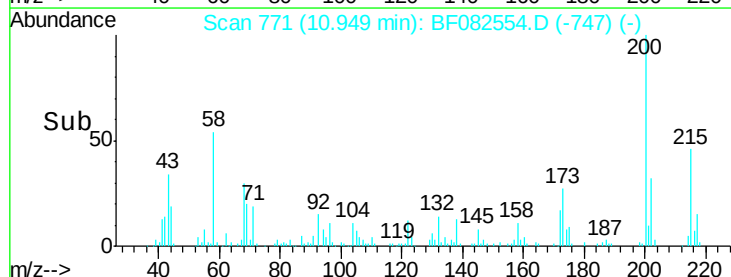
215 46.1 27.0 67.0

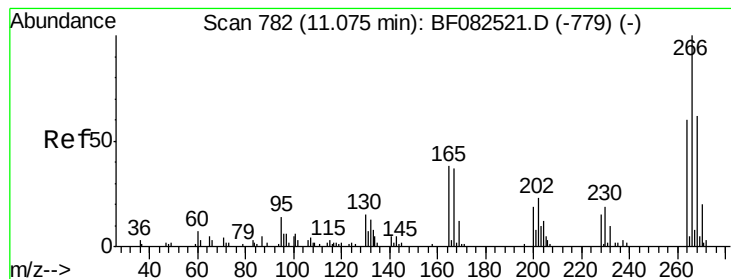


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 45.72 ng

RT: 11.05 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

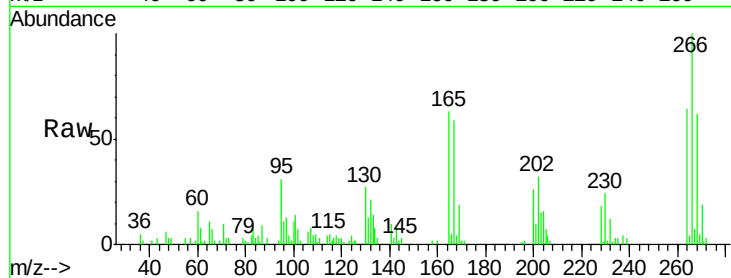
Tgt Ion:266 Resp: 48613

Ion Ratio Lower Upper

266 100

268 61.5 49.5 74.3

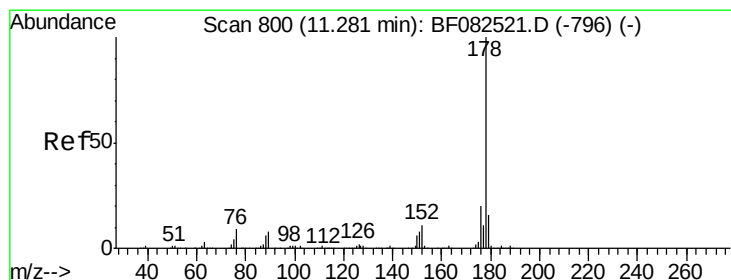
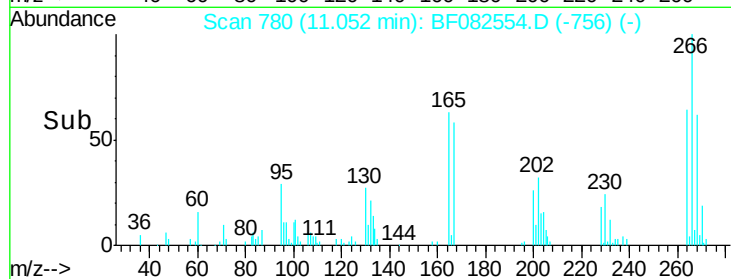
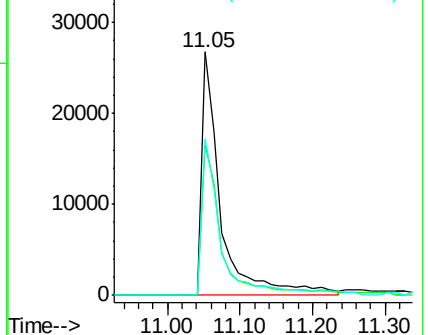
264 64.2 48.0 72.0



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: 37.78 ng

RT: 11.26 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

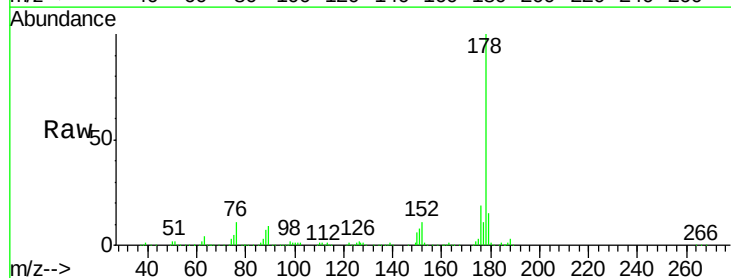
Tgt Ion:178 Resp: 547773

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

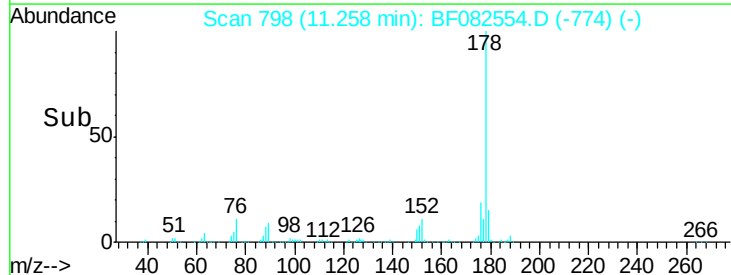
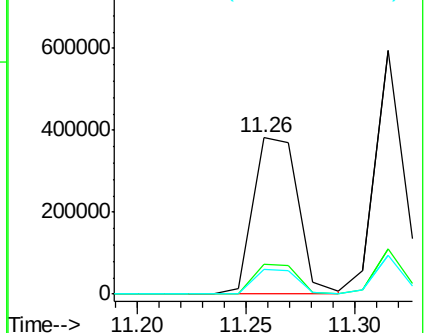
179 15.5 12.8 19.2

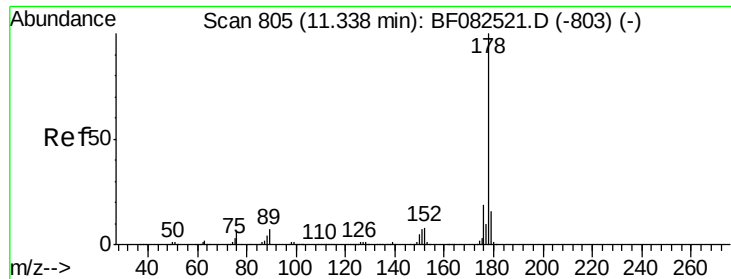


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

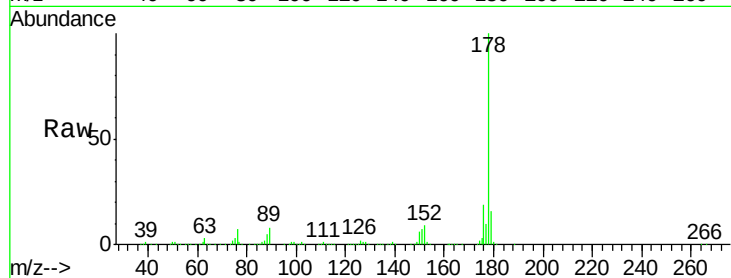




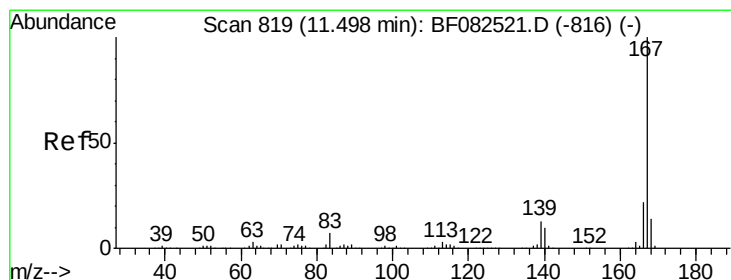
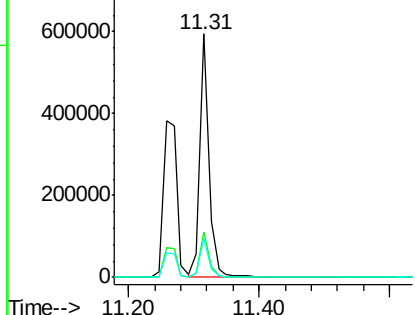
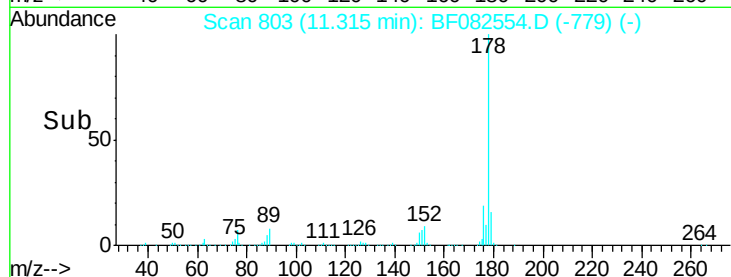
#71
 Anthracene
 Concen: 39.26 ng
 RT: 11.31 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion:178 Resp: 573190
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.2 22.8
 179 15.9 12.6 19.0

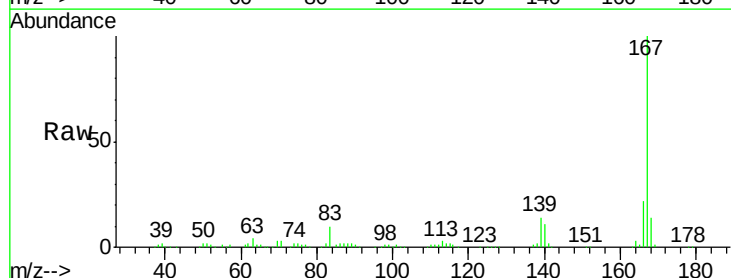


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

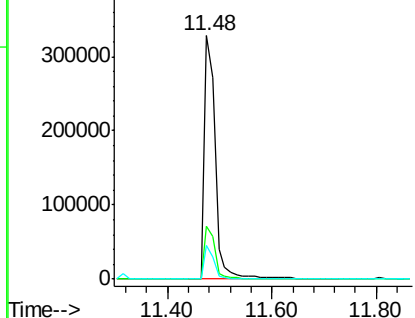
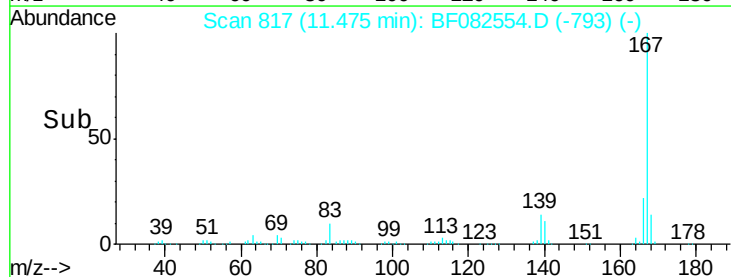


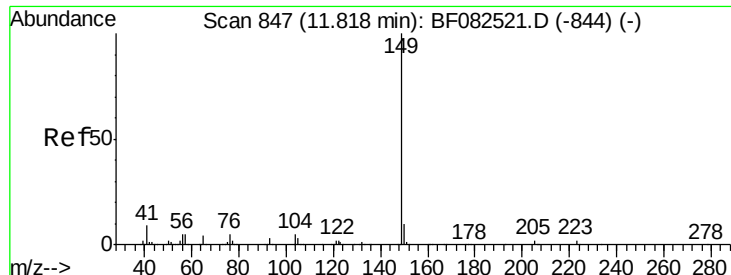
#72
 Carbazole
 Concen: 37.60 ng
 RT: 11.48 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:167 Resp: 484054
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.9 26.9
 139 13.9 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: 40.57 ng

RT: 11.81 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

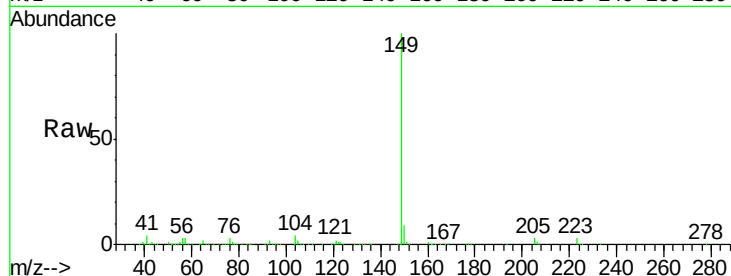
Tgt Ion:149 Resp: 622964

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

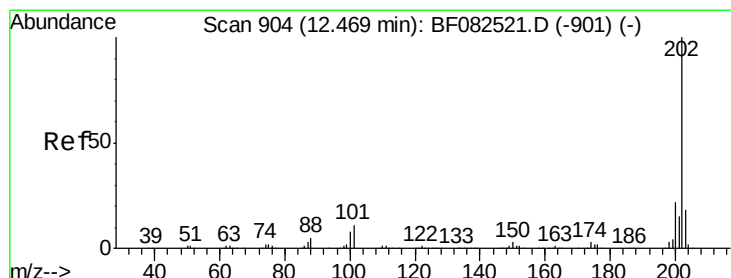
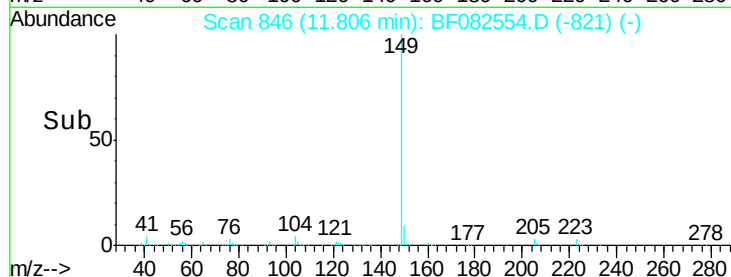
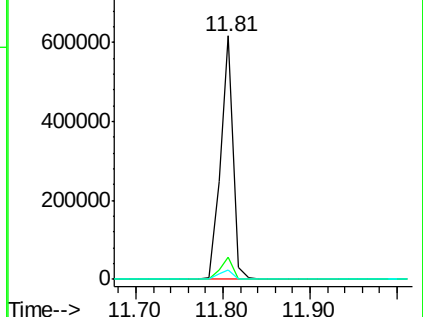
104 3.8 4.2 6.4#



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: 38.27 ng

RT: 12.45 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

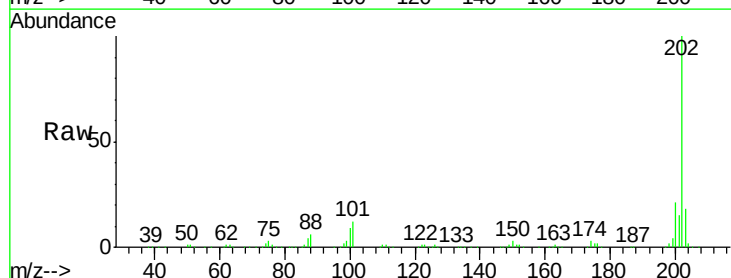
Tgt Ion:202 Resp: 569467

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.2

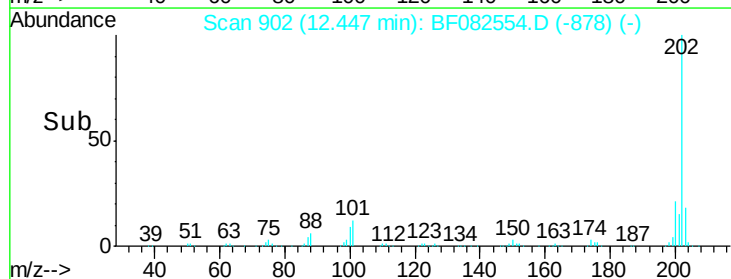
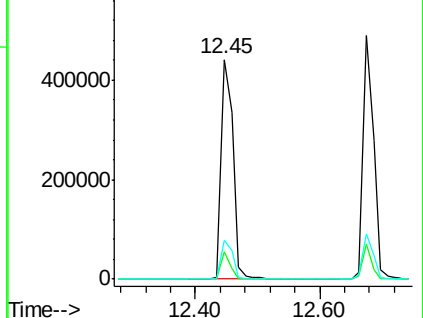
203 17.6 0.0 38.1

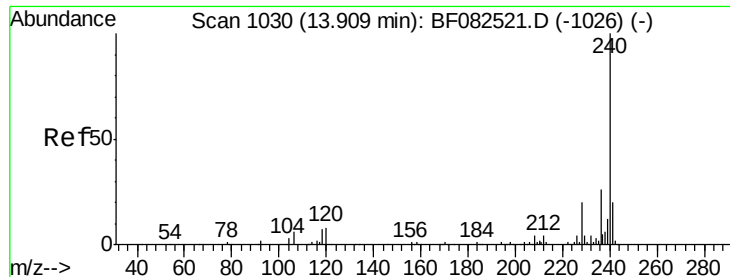


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

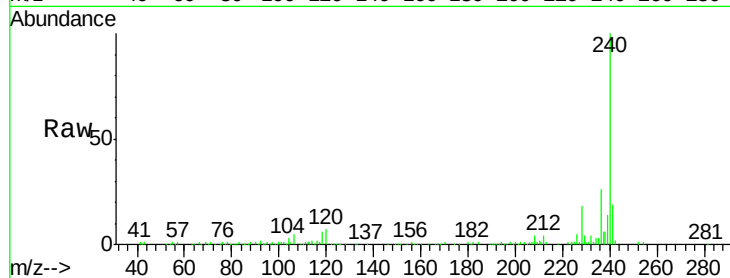
Tgt Ion:240 Resp: 207970

Ion Ratio Lower Upper

240 100

120 6.6 6.5 9.7

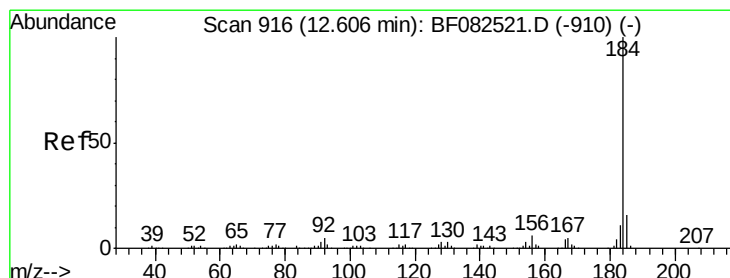
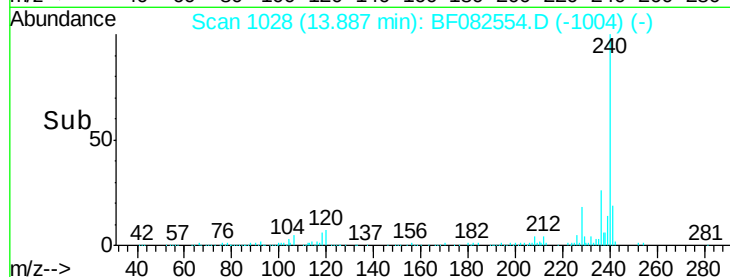
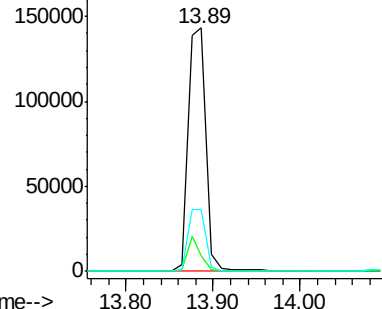
236 25.6 20.5 30.7



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: 25.82 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

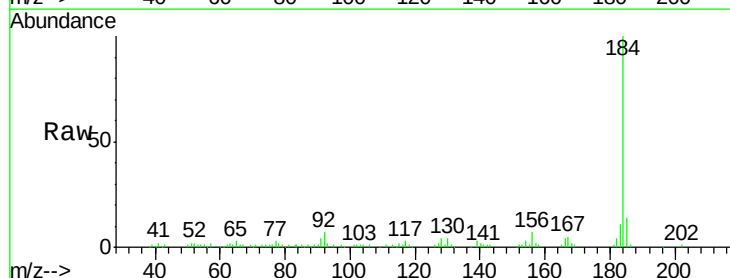
Tgt Ion:184 Resp: 147364

Ion Ratio Lower Upper

184 100

185 13.7 12.8 19.2

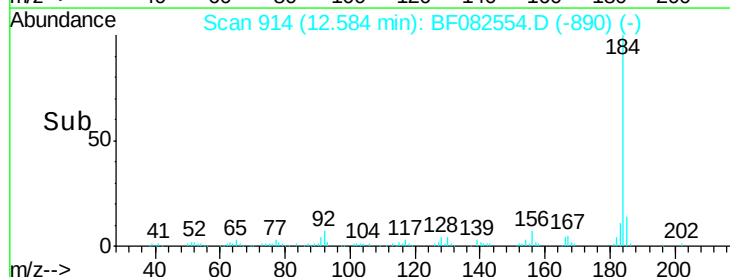
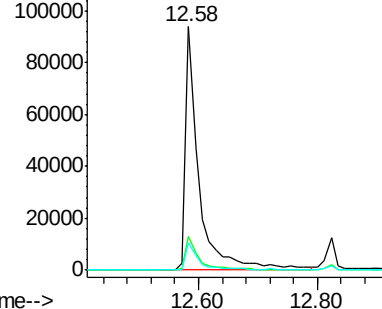
183 10.9 8.9 13.3

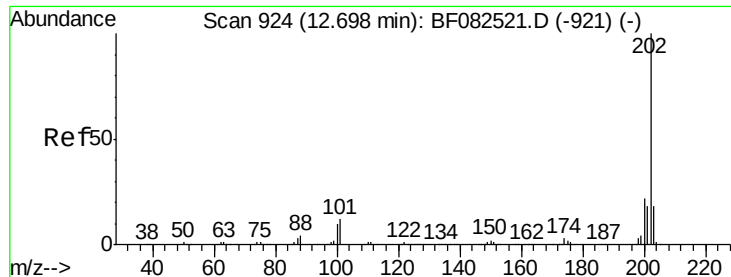


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

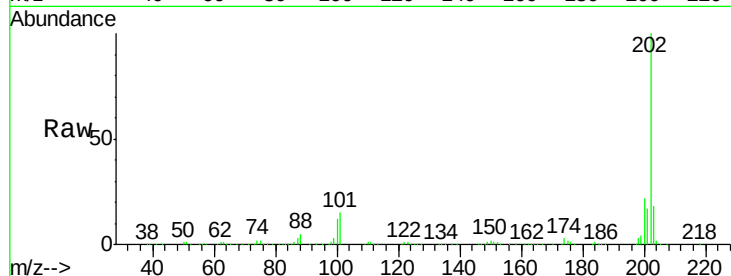




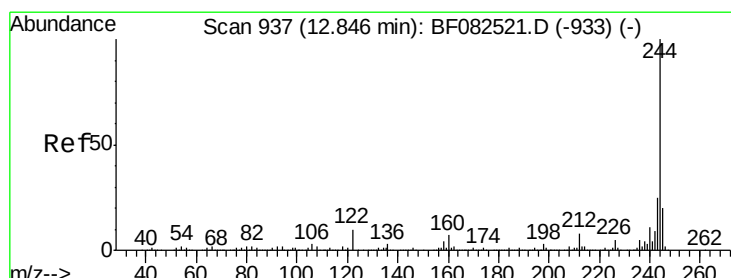
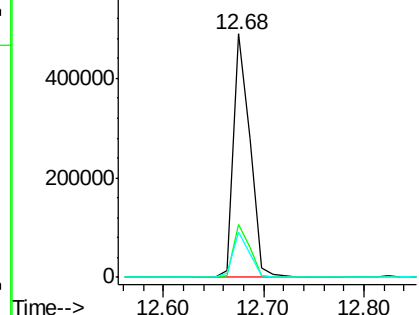
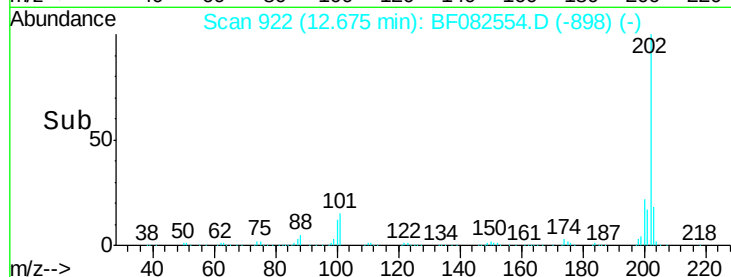
#77
 Pyrene
 Concen: 43.49 ng
 RT: 12.68 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.4	14.6	22.0

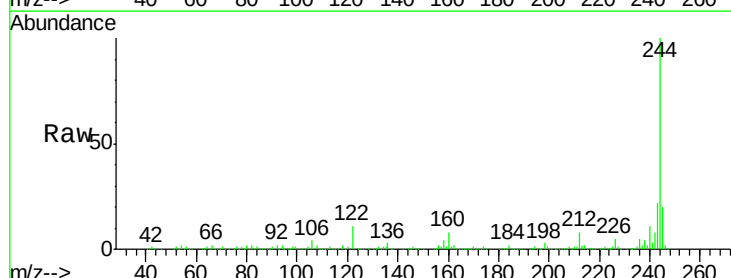


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

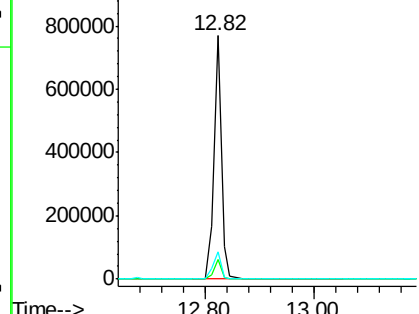
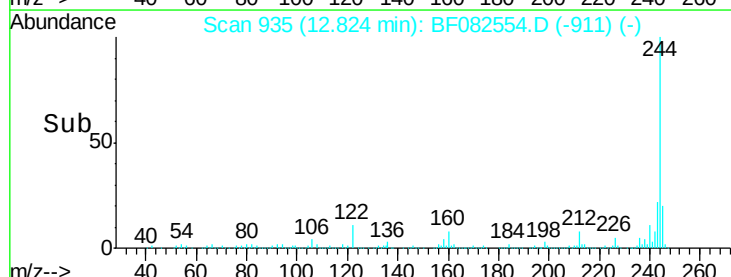


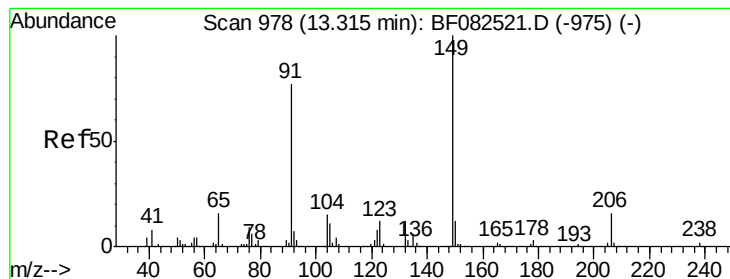
#78
 Terphenyl-d14
 Concen: 101.57 ng
 RT: 12.82 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	11.2	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: 43.75 ng

RT: 13.29 min Scan# 976

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

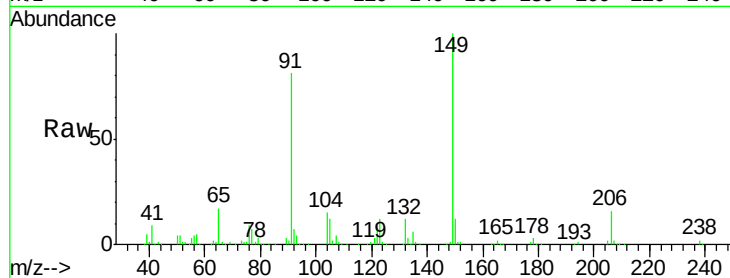
Tgt Ion:149 Resp: 235292

Ion Ratio Lower Upper

149 100

91 81.0 62.0 93.0

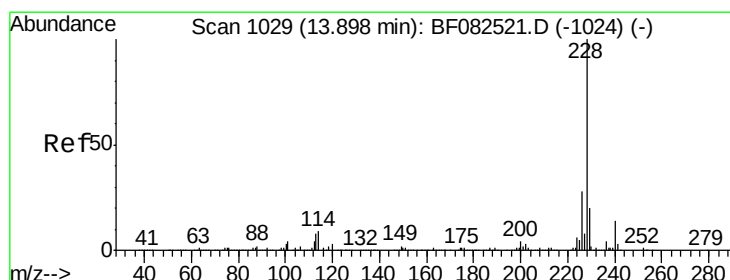
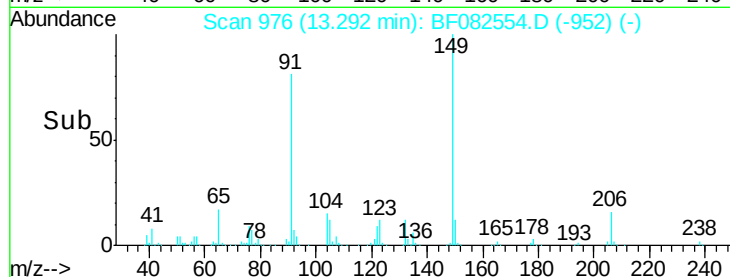
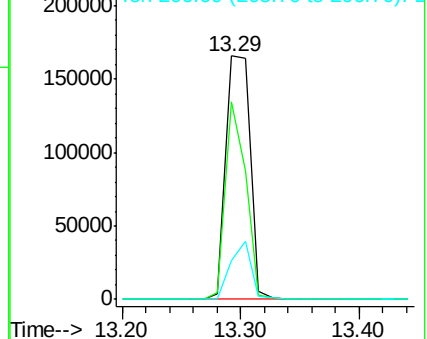
206 16.0 13.0 19.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.53 ng

RT: 13.88 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

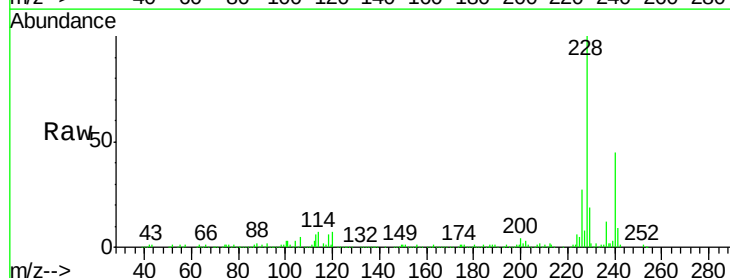
Tgt Ion:228 Resp: 429595

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

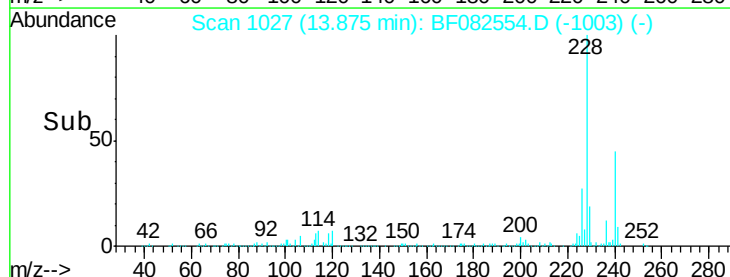
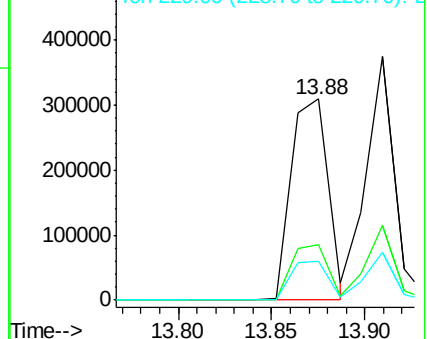
229 19.3 16.1 24.1

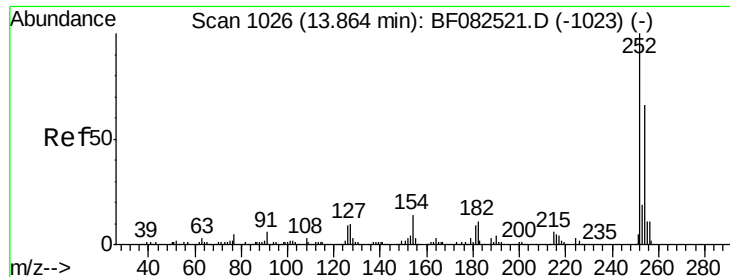


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

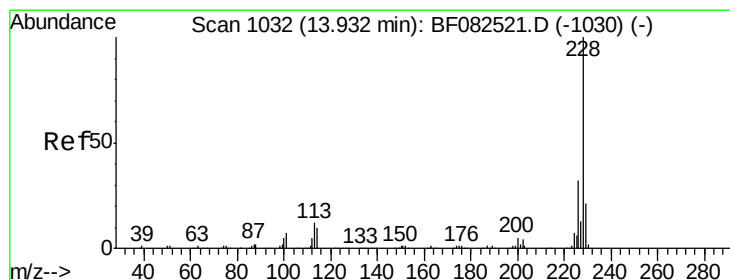
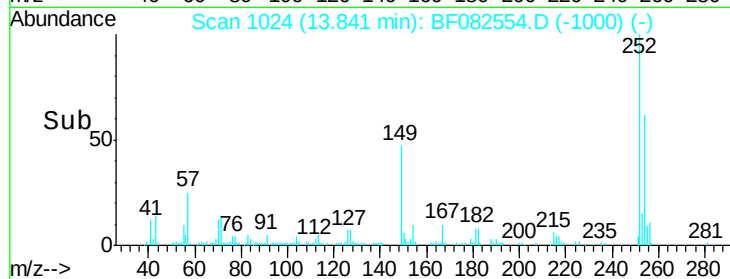
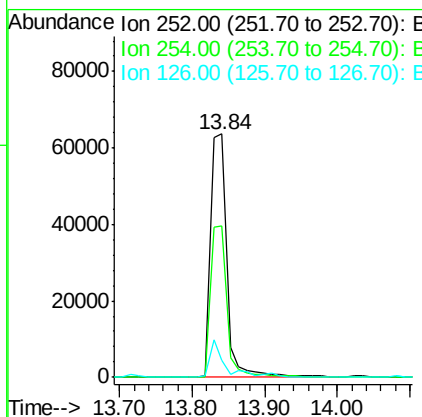
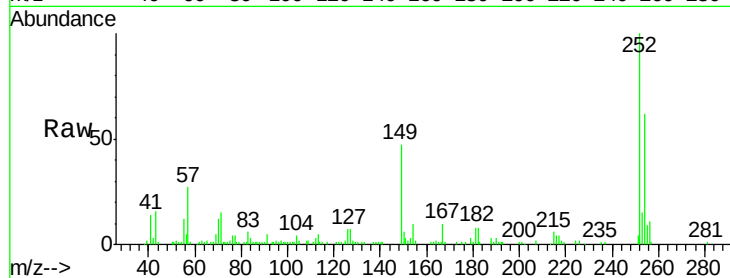




#81
 3,3'-Dichlorobenzidine
 Concen: 25.83 ng
 RT: 13.84 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

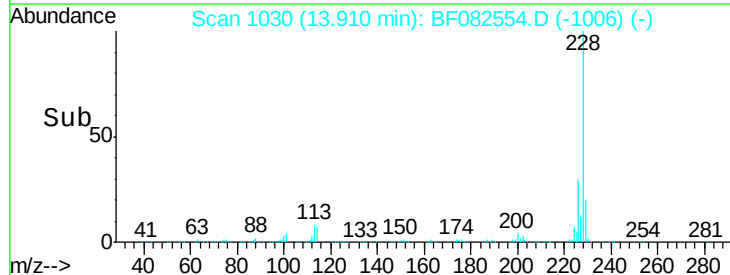
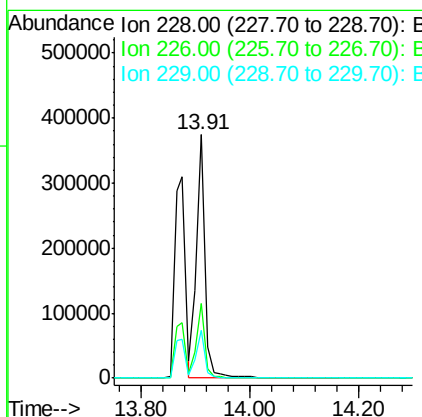
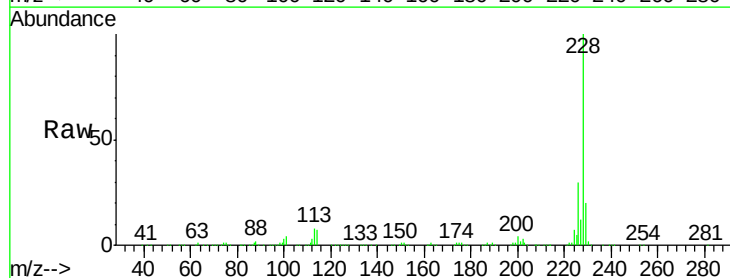
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

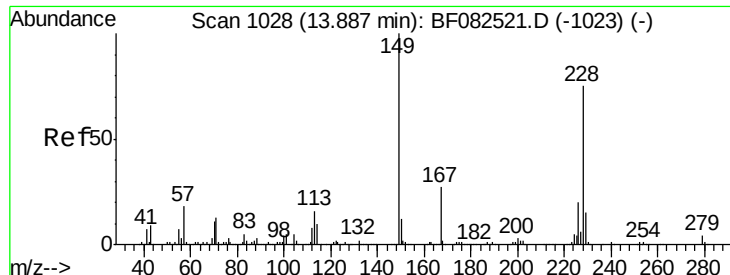
Tgt Ion:252 Resp: 99863
 Ion Ratio Lower Upper
 252 100
 254 62.3 53.0 79.6
 126 7.1 7.4 11.2#



#82
 Chrysene
 Concen: 38.32 ng
 RT: 13.91 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:228 Resp: 403562
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.2 37.8
 229 19.8 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.52 ng

RT: 13.85 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

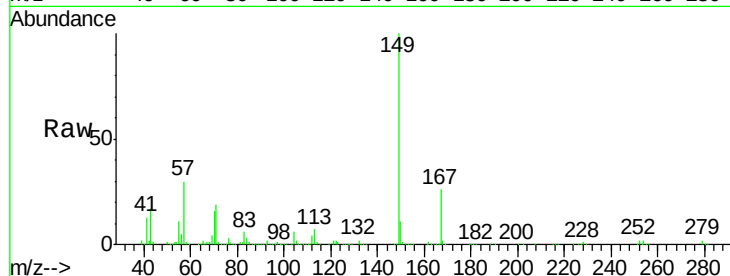
Tgt Ion:149 Resp: 313441

Ion Ratio Lower Upper

149 100

167 25.5 21.8 32.6

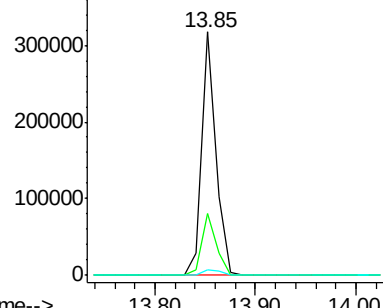
279 2.4 3.0 4.6#



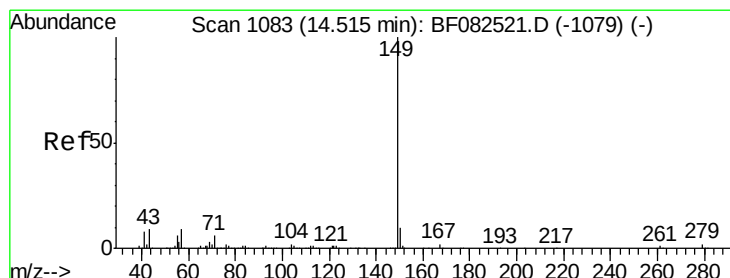
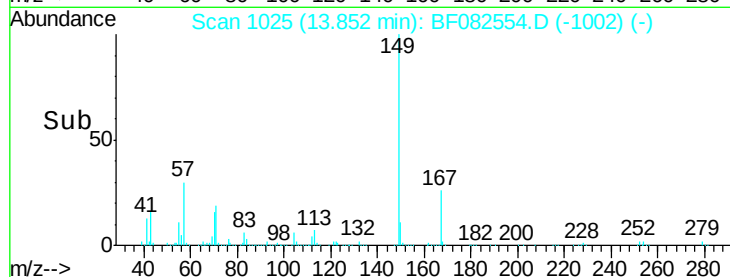
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 35.59 ng

RT: 14.47 min Scan# 1079

Delta R.T. -0.05 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

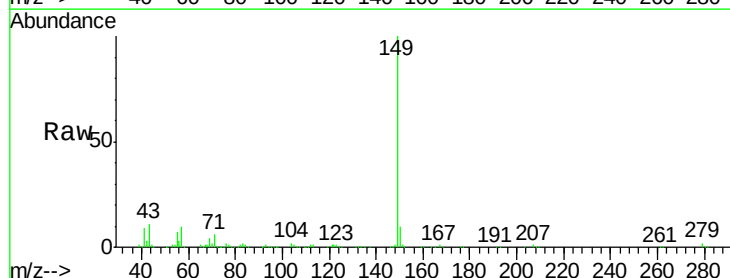
Tgt Ion:149 Resp: 423083

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

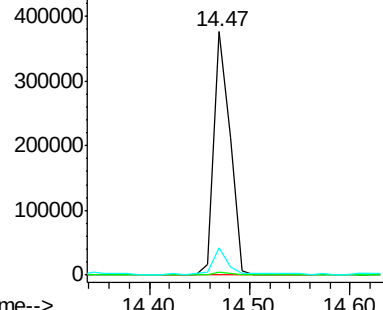
43 9.5 7.7 11.5



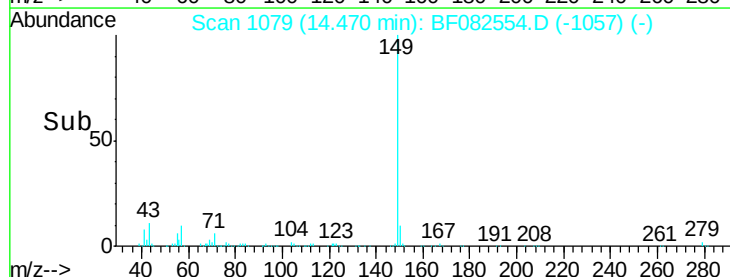
Abundance Ion 149.00 (148.70 to 149.70): E

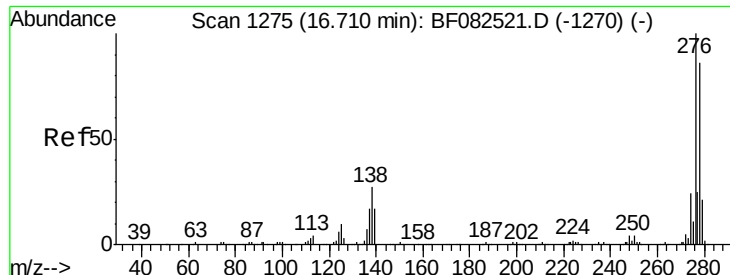
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time-->

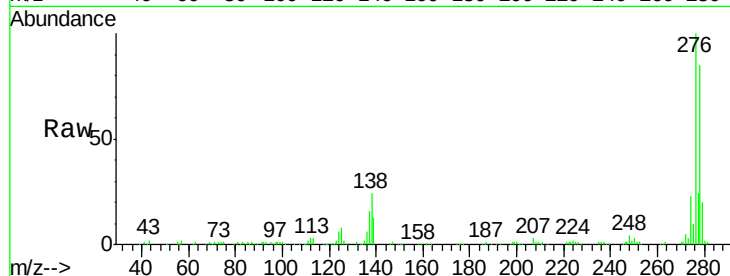




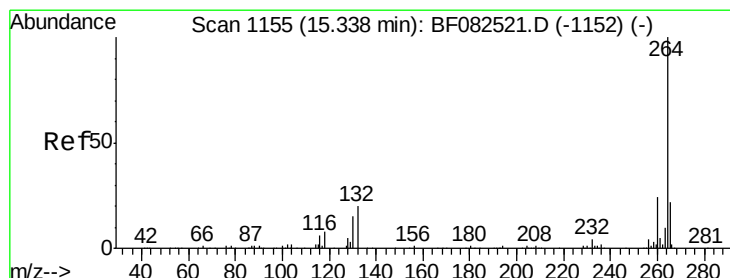
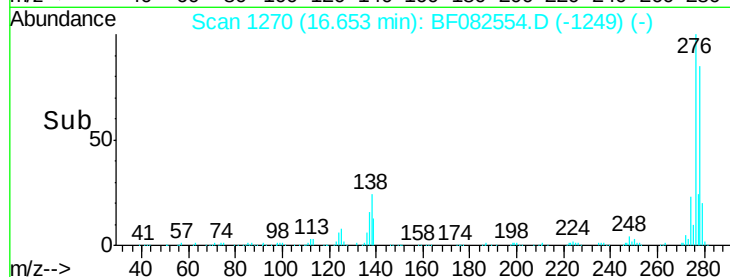
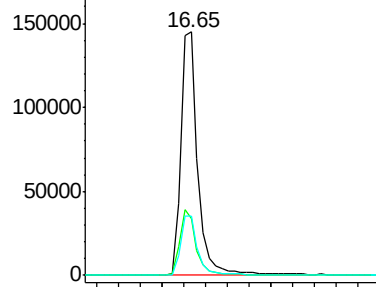
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.10 ng
 RT: 16.65 min Scan# 1270
 Delta R.T. -0.06 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.6	30.8
277	24.9	19.9	29.9

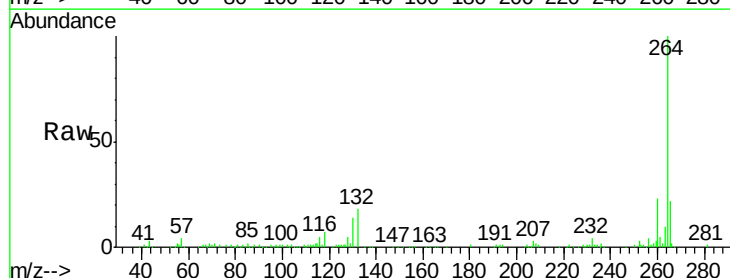


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

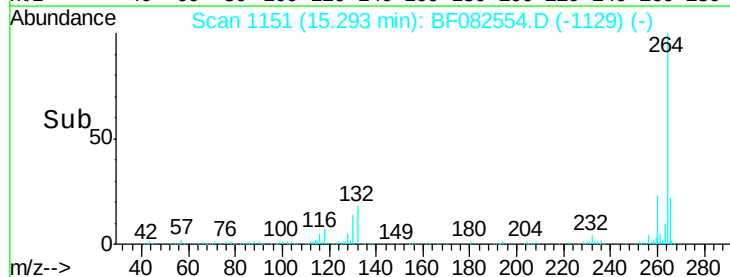
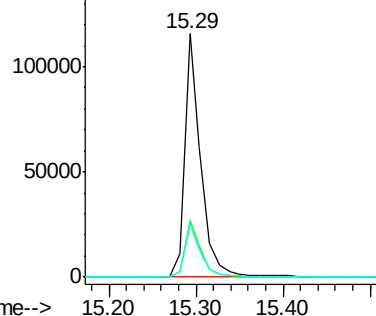


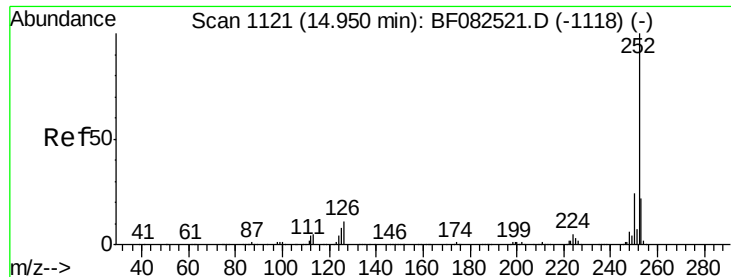
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.6	17.8	26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 71.99 ng

RT: 14.93 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

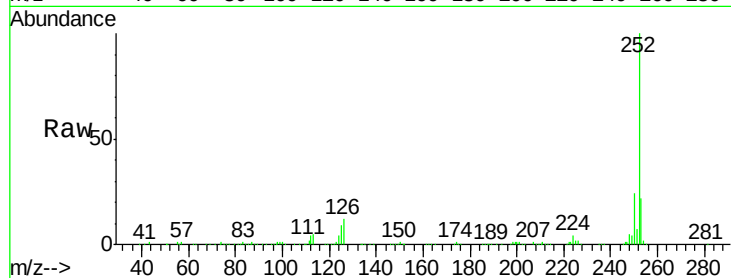
Tgt Ion:252 Resp: 642796

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

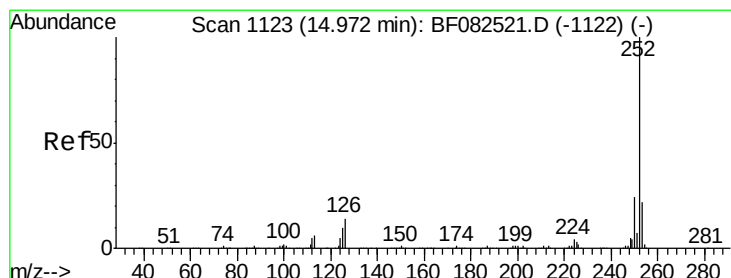
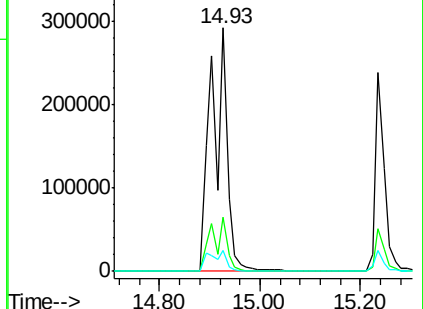
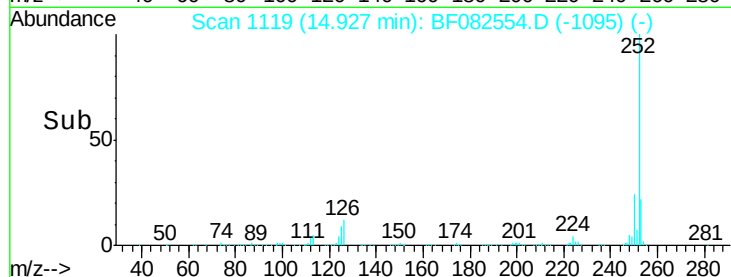
125 8.7 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 88.34 ng

RT: 14.93 min Scan# 1119

Delta R.T. -0.05 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

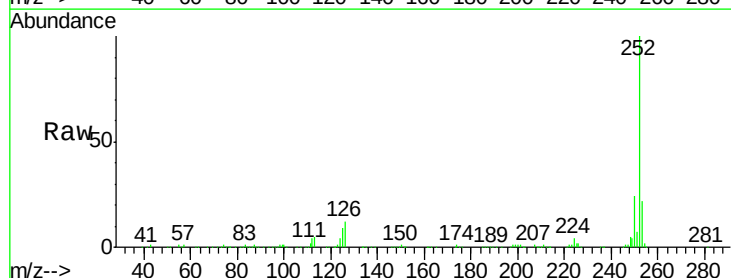
Tgt Ion:252 Resp: 643108

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

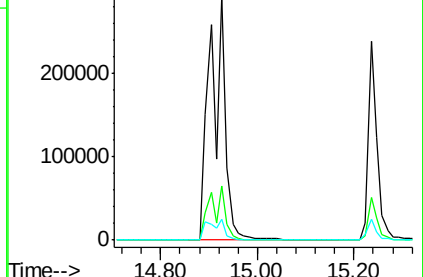
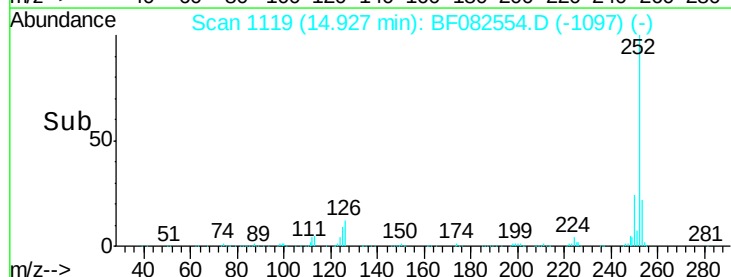
125 8.7 8.7 13.1#

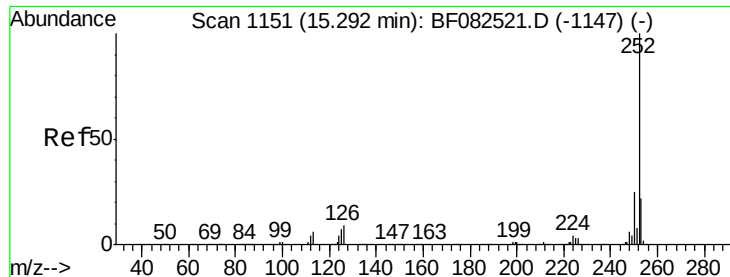


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.05 ng

RT: 15.24 min Scan# 1146

Delta R.T. -0.06 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

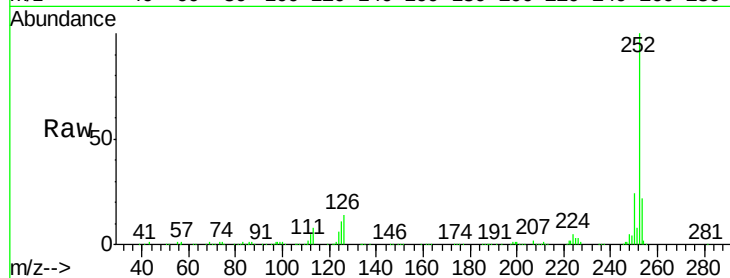
Tgt Ion:252 Resp: 302113

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

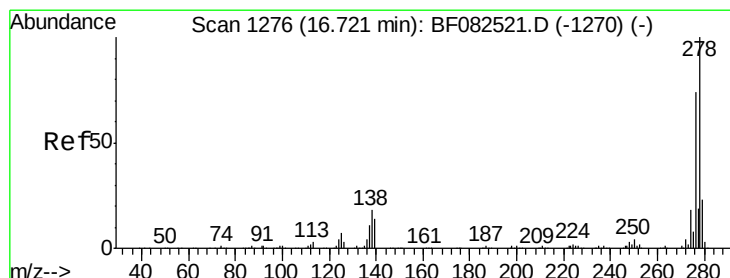
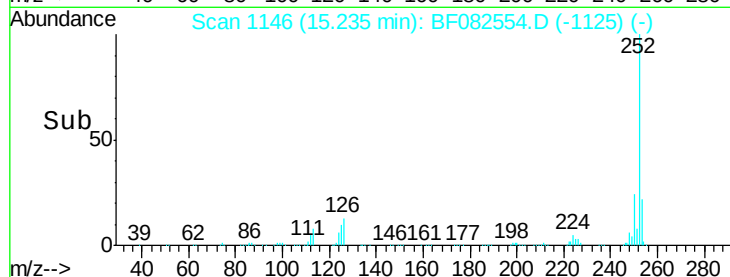
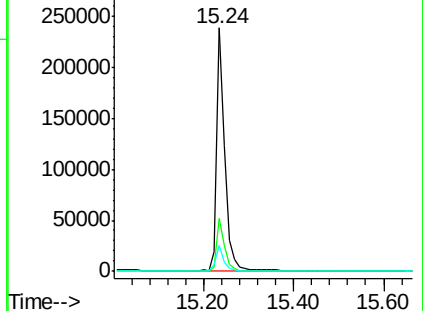
125 10.6 5.9 8.9#



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: 41.27 ng

RT: 16.65 min Scan# 1270

Delta R.T. -0.07 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

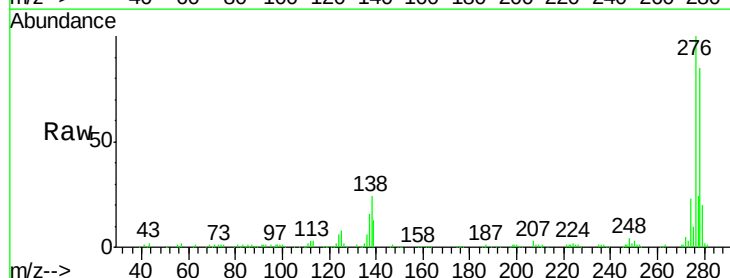
Tgt Ion:278 Resp: 267086

Ion Ratio Lower Upper

278 100

139 15.4 11.6 17.4

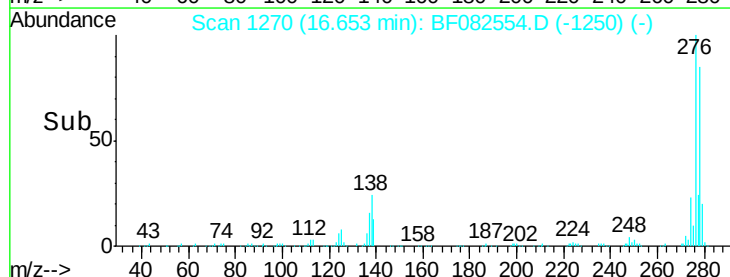
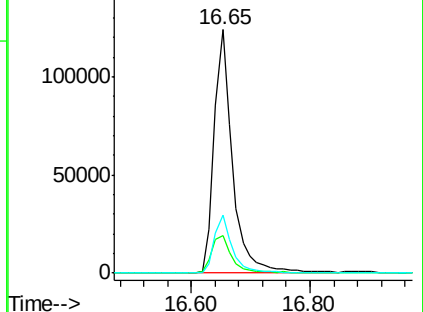
279 23.6 18.7 28.1

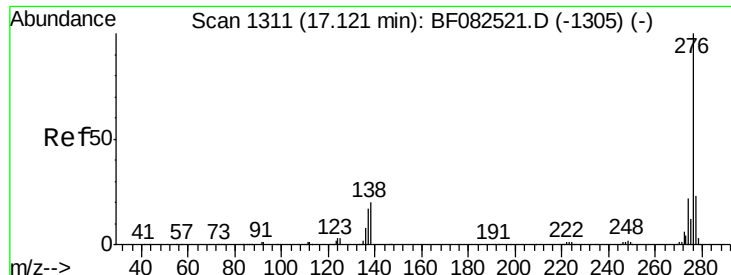


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.40 ng

RT: 17.05 min Scan# 1305

Delta R.T. -0.07 min

Lab File: BF082554.D

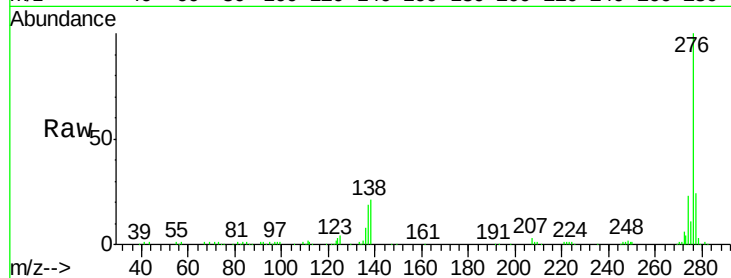
Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD



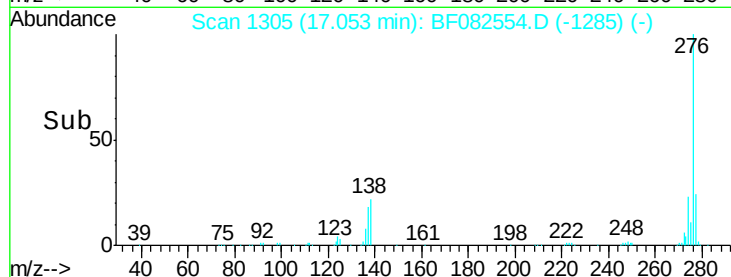
Tgt Ion: 276 Resp: 277915

Ion Ratio Lower Upper

276 100

277 24.1 18.3 27.5

138 21.4 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

