

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082844.D
 Acq On : 9 Nov 2015 22:21
 Operator : UM/IZ
 Sample : G4306-15MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Quant Time: Nov 10 02:54:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	244722	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	932988	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	437213	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	818902	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	584370	20.00	ng	-0.03
86) Perylene-d12	15.40	264	584699	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	2155237	137.03	ng	0.00
7) Phenol-d6	6.48	99	2795812	133.71	ng	0.00
23) Nitrobenzene-d5	7.40	82	1916517	89.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	681777	136.00	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2477691	81.22	ng	-0.02
78) Terphenyl-d14	12.94	244	2534099	102.85	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	260978	38.46	ng	96
3) Pyridine	3.17	79	832714	42.29	ng	93
4) n-Nitrosodimethylamine	3.13	42	429758	44.00	ng	# 75
6) Aniline	6.50	93	1122785	38.24	ng	# 85
8) 2-Chlorophenol	6.62	128	797805	45.76	ng	97
9) Benzaldehyde	6.37	77	90489	7.83	ng	85
10) Phenol	6.49	94	937849	39.53	ng	# 71
11) bis(2-Chloroethyl)ether	6.57	93	822895	46.38	ng	95
12) 1,3-Dichlorobenzene	7.00	146	718452	36.54	ng	95
13) 1,4-Dichlorobenzene	6.77	146	831171	40.63	ng	96
14) 1,2-Dichlorobenzene	7.00	146	718477	38.62	ng	95
15) Benzyl Alcohol	6.98	79	781944	42.58	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1213030	46.61	ng	97
17) 2-Methylphenol	7.09	107	693765	46.98	ng	98
18) Hexachloroethane	7.34	117	291918	39.89	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	688711	44.81	ng	# 79
20) 3+4-Methylphenols	7.25	107	832933	43.38	ng	89
22) Acetophenone	7.25	105	1193784	44.66	ng	# 91
24) Nitrobenzene	7.41	77	905439	41.29	ng	# 88
25) Isophorone	7.66	82	1790458	45.13	ng	97
26) 2-Nitrophenol	7.73	139	403712	44.11	ng	# 77
27) 2,4-Dimethylphenol	7.78	122	713193	43.37	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	972953	43.48	ng	# 98
29) 2,4-Dichlorophenol	7.98	162	750458	50.49	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	738734	44.20	ng	96
31) Naphthalene	8.14	128	2276080	44.22	ng	100
32) Benzoic acid	7.86	122	95704	8.50	ng	# 83
33) 4-Chloroaniline	8.19	127	906404	40.86	ng	# 91
34) Hexachlorobutadiene	8.27	225	436822	41.76	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	827129	47.32	ng	91
37) 2-Methylnaphthalene	8.83	142	1333054	40.03	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	624329	43.45	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	736091	95.36	ng	99
42) 2,4,6-Trichlorophenol	9.12	196	527503	49.19	ng	98

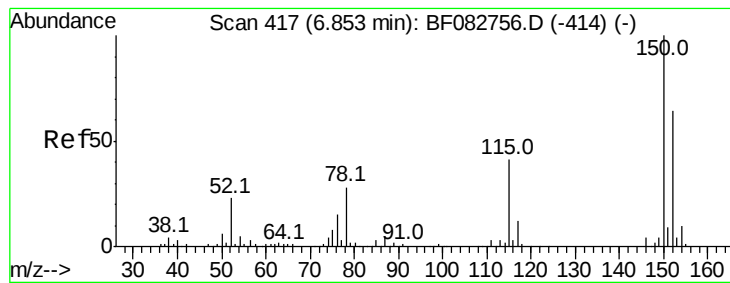
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	504246	47.54	nq	# 87
45) 1,1'-Biphenyl	9.30	154	1689593	45.04	nq	96
46) 2-Chloronaphthalene	9.32	162	1393522	47.62	nq	97
47) 2-Nitroaniline	9.41	65	532648	49.07	nq	# 84
48) Acenaphthylene	9.73	152	1990085	43.39	nq	99
49) Dimethylphthalate	9.61	163	2246537	62.72	nq	99
50) 2,6-Dinitrotoluene	9.66	165	408171	53.40	nq	# 60
51) Acenaphthene	9.90	154	1346480	46.32	nq	99
52) 3-Nitroaniline	9.82	138	344908	41.03	nq	86
53) 2,4-Dinitrophenol	9.93	184	269959	64.33	nq	# 27
54) Dibenzofuran	10.08	168	1730590	44.16	nq	96
55) 4-Nitrophenol	10.00	139	547000	84.82	nq	# 82
56) 2,4-Dinitrotoluene	10.06	165	548686	52.91	nq	# 83
57) Fluorene	10.42	166	1316376	41.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	449033	51.87	nq	# 88
59) Diethylphthalate	10.30	149	1632466	46.68	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	720780	45.39	nq	93
61) 4-Nitroaniline	10.44	138	374386	44.29	nq	# 80
62) Azobenzene	10.58	77	1896560	50.48	nq	95
64) 4,6-Dinitro-2-methylphenol	10.48	198	306010	52.45	nq	76
65) n-Nitrosodiphenylamine	10.53	169	1219443	41.22	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	410532	41.63	nq	# 73
67) Hexachlorobenzene	10.97	284	455905	41.41	nq	# 85
68) Atrazine	11.06	200	437828	47.86	nq	97
69) Pentachlorophenol	11.16	266	537074	80.33	nq	98
70) Phenanthrene	11.38	178	2072583	43.58	nq	99
71) Anthracene	11.44	178	2193611	43.79	nq	98
72) Carbazole	11.58	167	2075994	47.34	nq	99
73) Di-n-butylphthalate	11.93	149	2452746	44.89	nq	# 97
74) Fluoranthene	12.57	202	2278518	44.65	nq	97
76) Benzidine	12.68	184	1144588	58.44	nq	100
77) Pyrene	12.80	202	2272838	56.63	nq	100
79) Butylbenzylphthalate	13.41	149	948032	53.47	nq	97
80) Benzo(a)anthracene	13.97	228	1896444	51.90	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	674411	51.91	nq	100
82) Chrysene	14.02	228	1922607	57.44	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	1382573	56.97	nq	# 98
84) Di-n-octyl phthalate	14.59	149	2196577	54.27	nq	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	1613953	55.99	nq	# 96
87) Benzo(b)fluoranthene	15.04	252	3251564	86.64	nq	# 96
88) Benzo(k)fluoranthene	15.04	252	3253124	97.71	nq	# 95
89) Benzo(a)pyrene	15.36	252	1609893	49.51	nq	98
90) Dibenzo(a,h)anthracene	16.81	278	1331111	48.34	nq	# 97
91) Benzo(g,h,i)perylene	17.21	276	1341316	50.86	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082844.D

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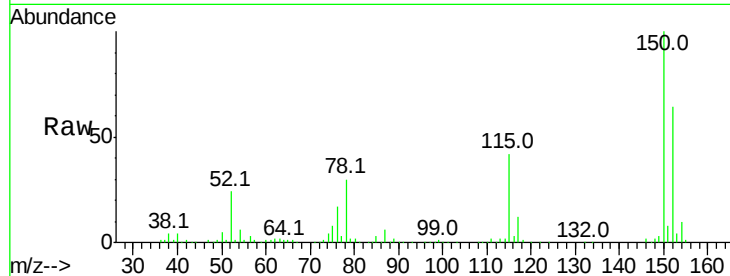
Tot Ion:152 Resp: 244722

Ion Ratio Lower Upper

152 100

150 157.5 127.0 190.4

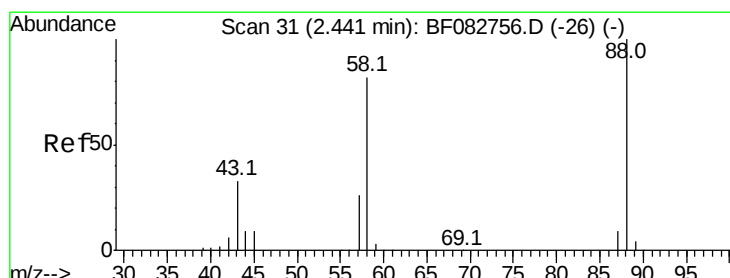
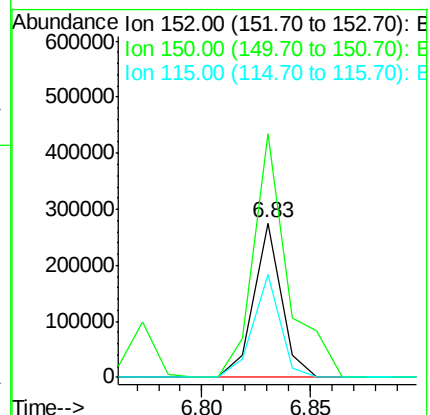
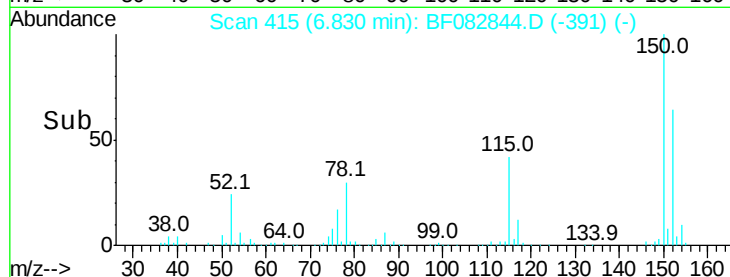
115 66.4 47.0 70.6



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: 38.46 ng

RT: 2.46 min Scan# 33

Delta R.T. 0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

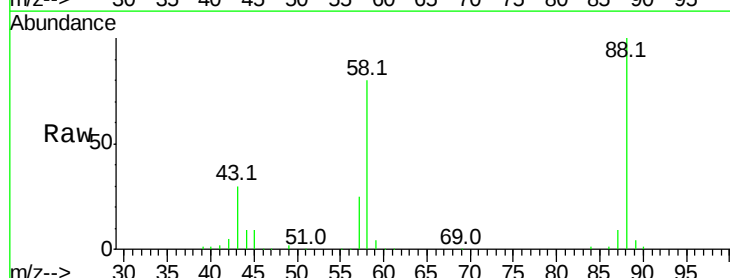
Tgt Ion: 88 Resp: 260978

Ion Ratio Lower Upper

88 100

58 80.1 62.0 93.0

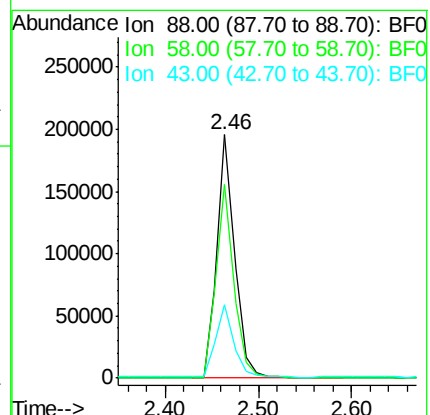
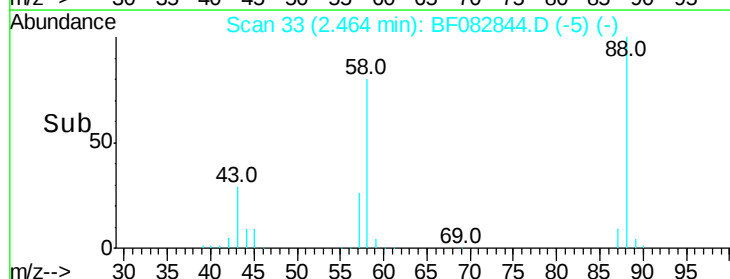
43 29.9 26.6 40.0

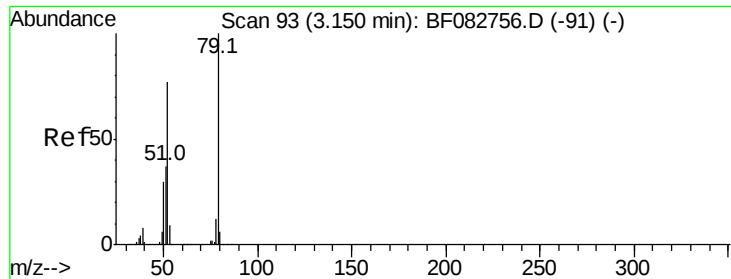


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

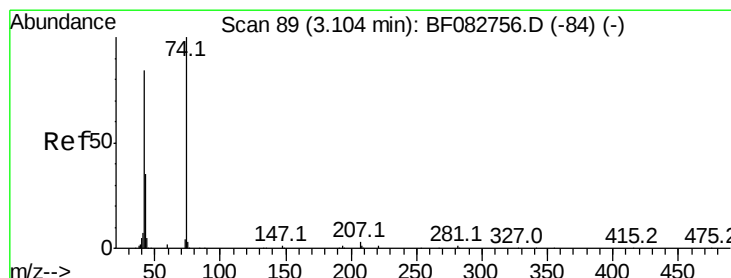
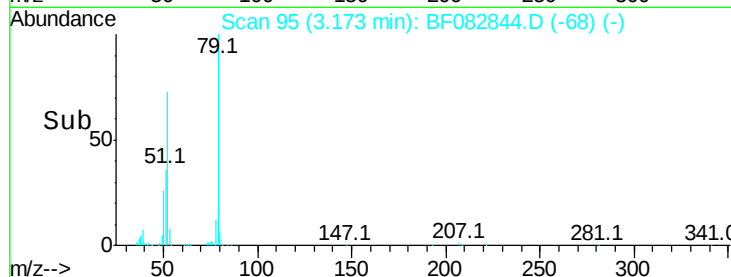
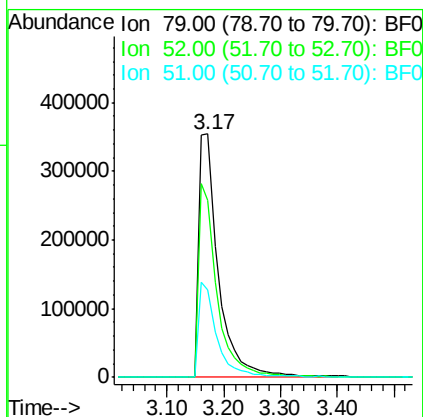
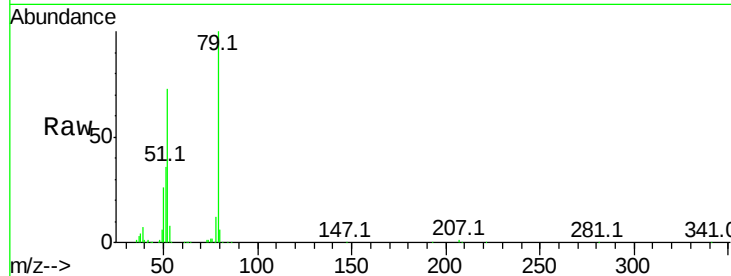




#3
 Pvridine
 Concen: 42.29 ng
 RT: 3.17 min Scan# 95
 Delta R.T. 0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

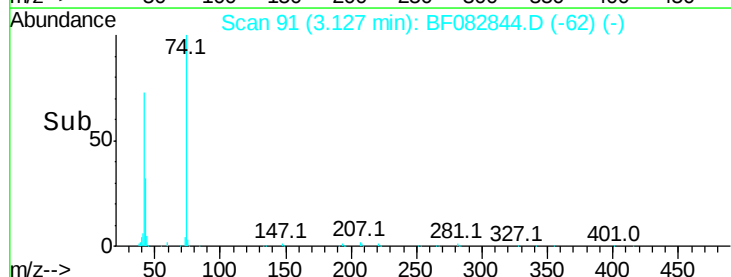
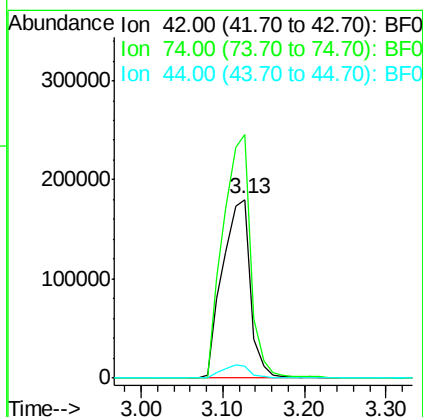
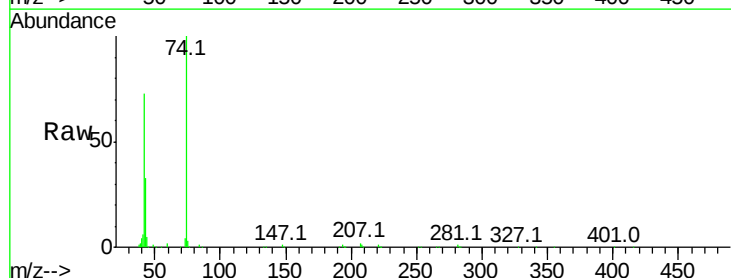
Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

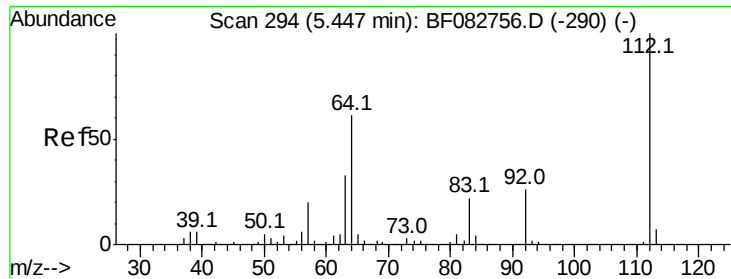
Tot Ion: 79 Resp: 832714
 Ion Ratio Lower Upper
 79 100
 52 72.7 62.8 94.2
 51 35.9 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 44.00 ng
 RT: 3.13 min Scan# 91
 Delta R.T. 0.03 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion: 42 Resp: 429758
 Ion Ratio Lower Upper
 42 100
 74 136.5 87.0 130.4#
 44 6.8 5.8 8.8





#5

2-Fluorophenol

Concen: 137.03 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

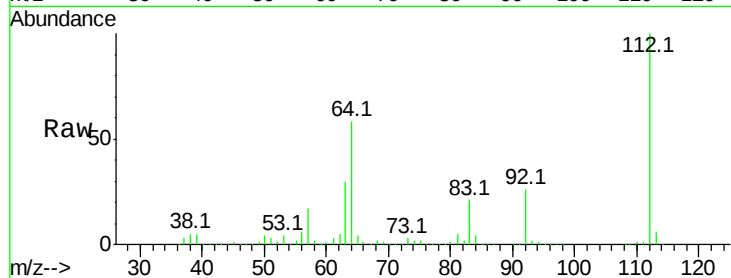
BNA_F

ClientSampleId :

D3MSD

Tot Ion:112 Resp: 2155237

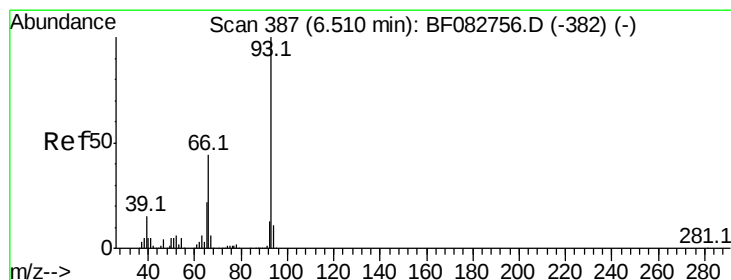
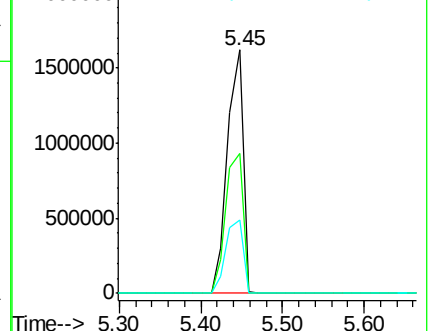
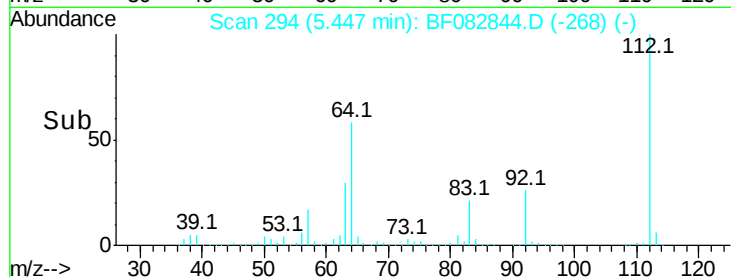
Ion	Ratio	Lower	Upper
112	100		
64	57.5	48.9	73.3
63	30.1	28.1	42.1



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: 38.24 ng

RT: 6.50 min Scan# 386

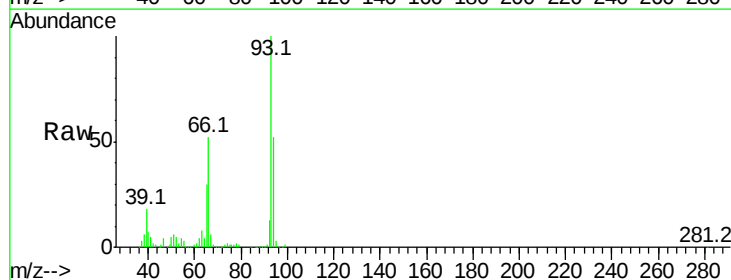
Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion: 93 Resp: 1122785

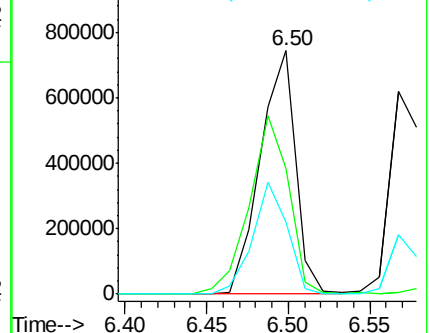
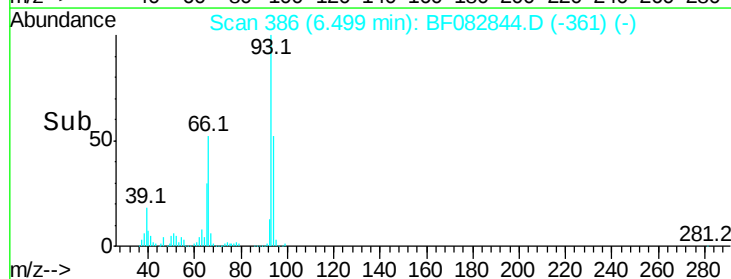
Ion	Ratio	Lower	Upper
93	100		
66	51.7	33.6	50.4#
65	29.5	18.1	27.1#

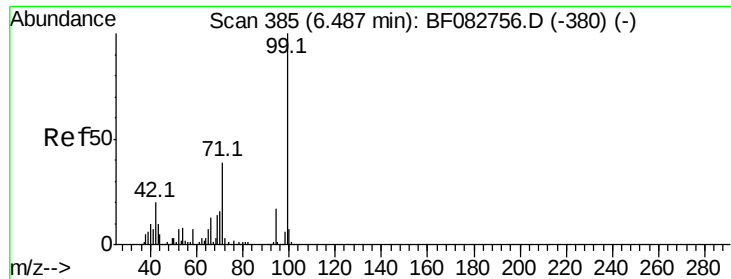


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.71 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

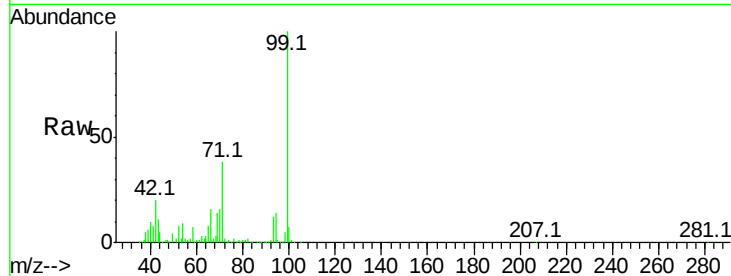
Tot Ion: 99 Resp: 2795812

Ion Ratio Lower Upper

99 100

42 20.2 19.2 28.8

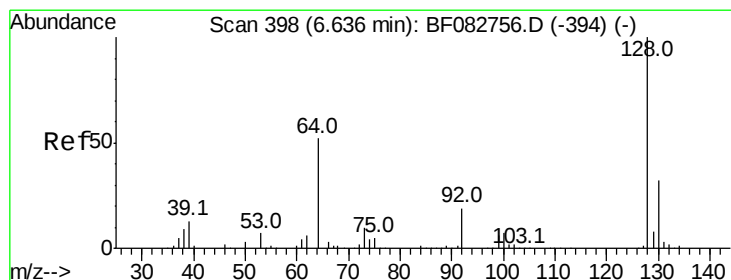
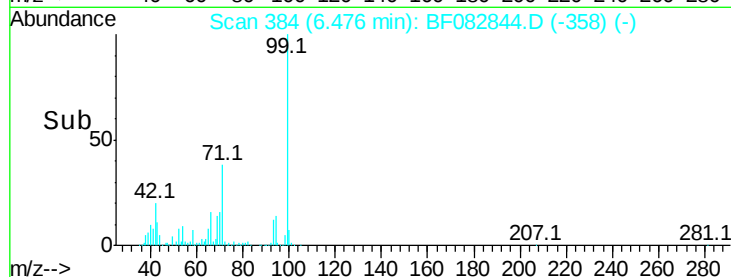
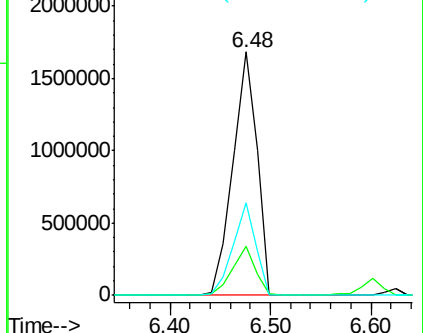
71 37.9 35.0 52.4



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: 45.76 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

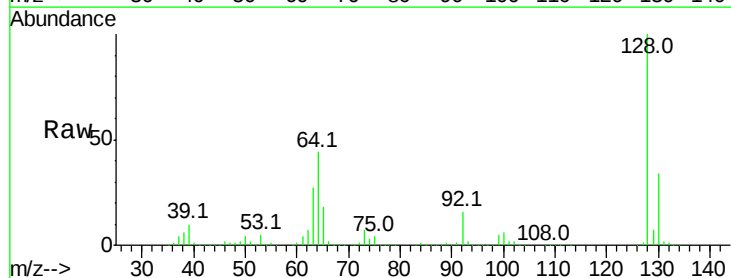
Tgt Ion:128 Resp: 797805

Ion Ratio Lower Upper

128 100

130 34.2 13.5 53.5

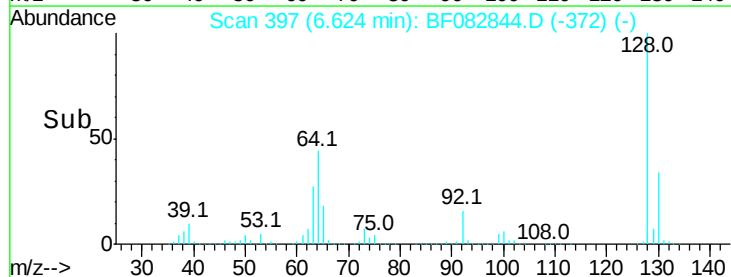
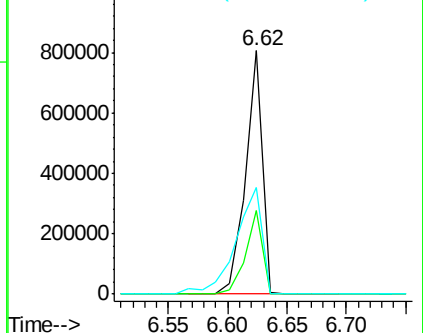
64 43.7 21.1 61.1

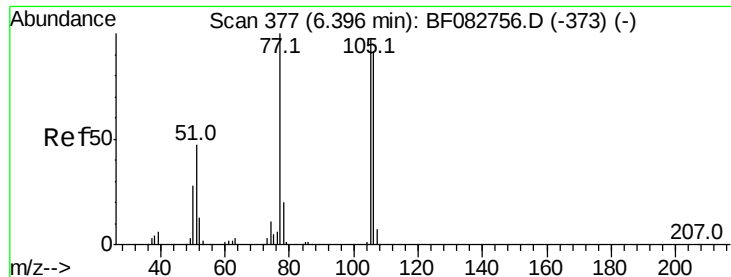


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

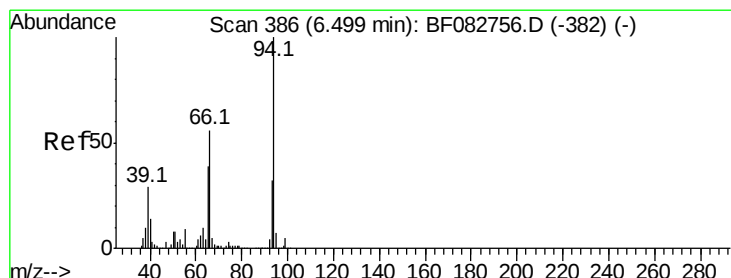
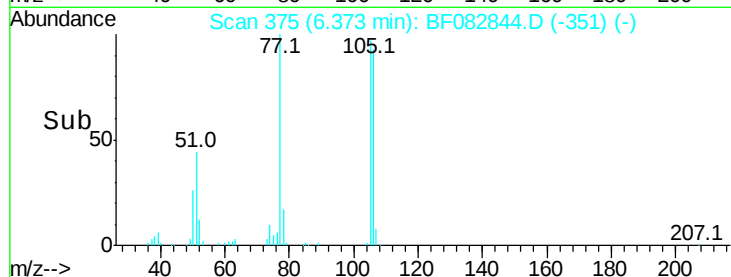
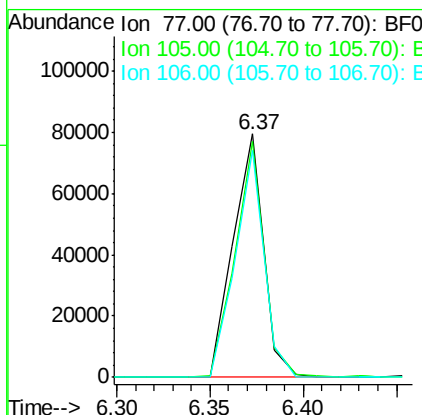
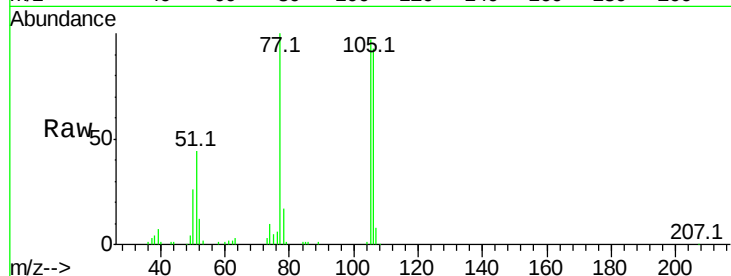




#9
Benzaldehyde
Concen: 7.83 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

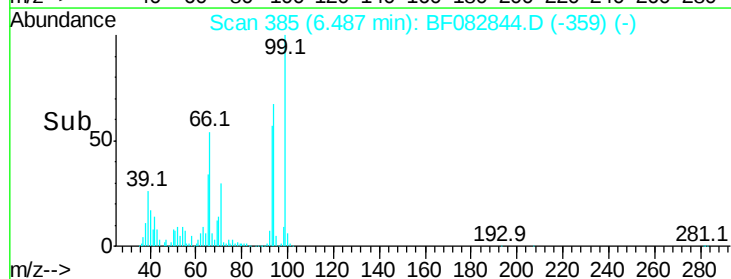
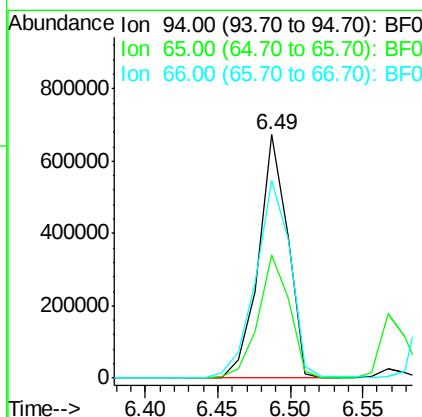
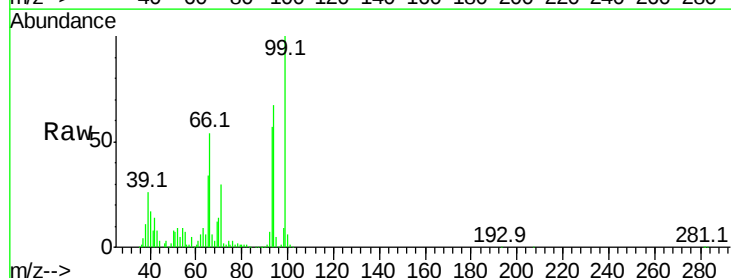
Instrument :
BNA_F
ClientSampleId :
D3MSD

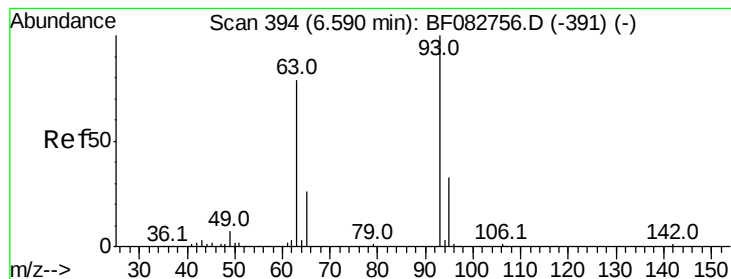
Tot Ion: 77 Resp: 90489
Ion Ratio Lower Upper
77 100
105 96.8 63.5 103.5
106 93.0 59.3 99.3



#10
Phenol
Concen: 39.53 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion: 94 Resp: 937849
Ion Ratio Lower Upper
94 100
65 50.7 18.9 58.9
66 81.0 34.9 74.9#

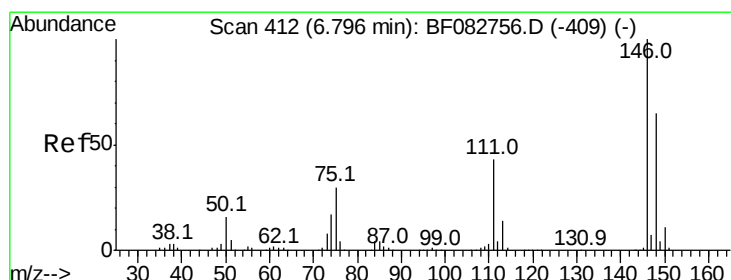
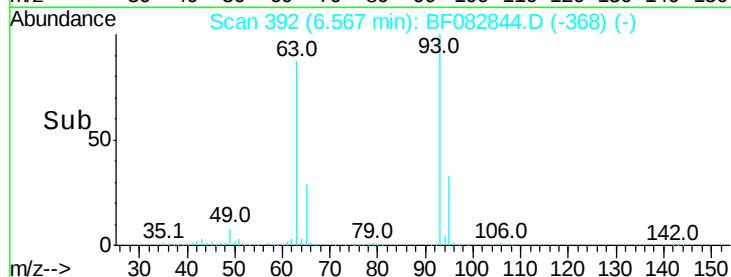
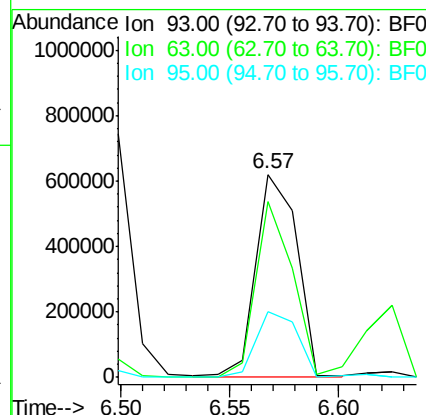
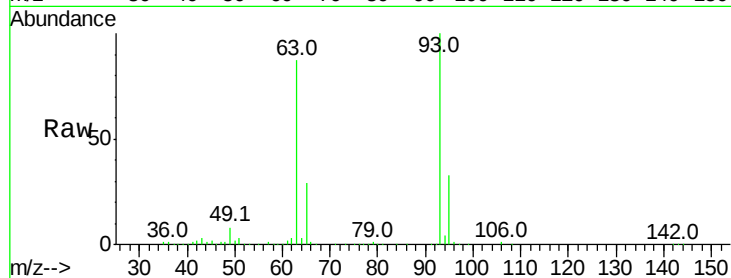




#11
bis(2-Chloroethyl)ether
Concen: 46.38 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

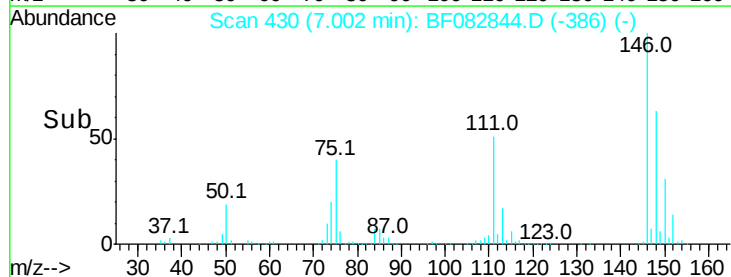
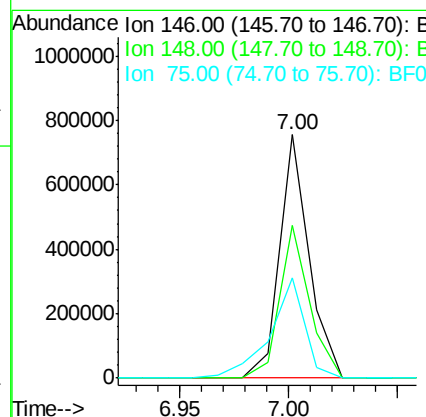
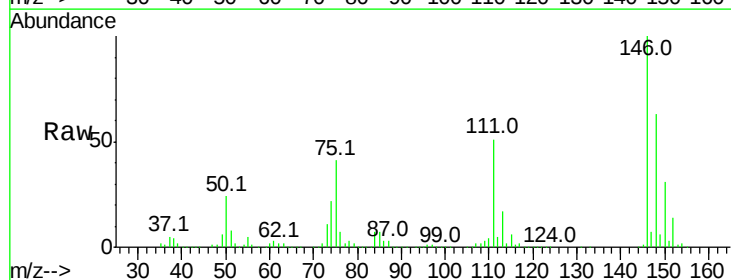
Instrument :
BNA_F
ClientSampleId :
D3MSD

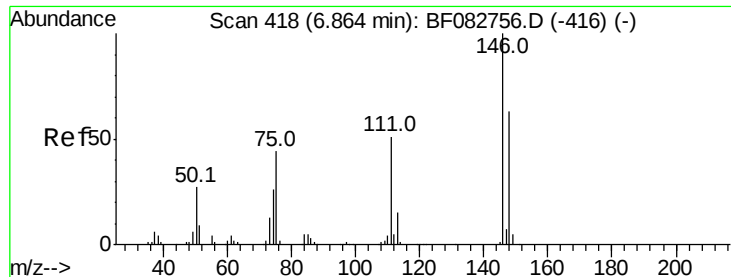
Tot Ion: 93 Resp: 822895
Ion Ratio Lower Upper
93 100
63 86.6 72.7 112.7
95 32.6 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 36.54 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.21 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion: 146 Resp: 718452
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
75 41.2 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 40.63 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

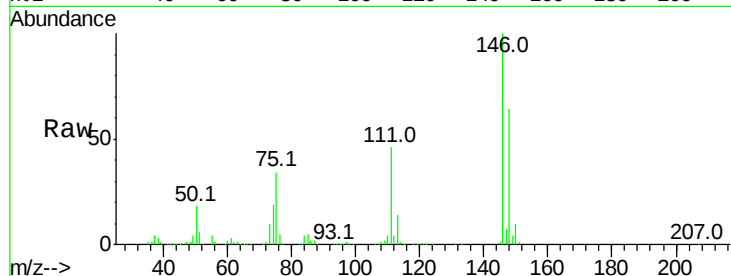
Tot Ion:146 Resp: 831171

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

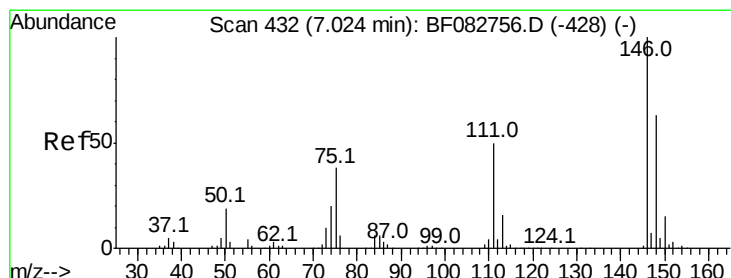
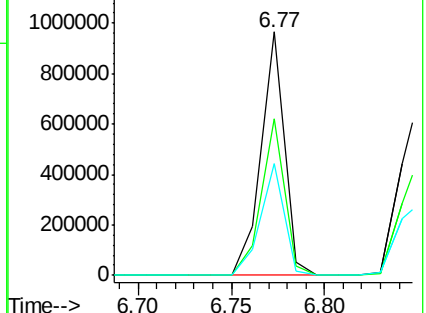
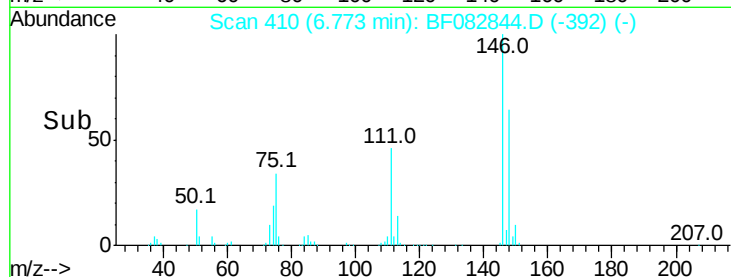
111 45.9 40.6 60.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.62 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

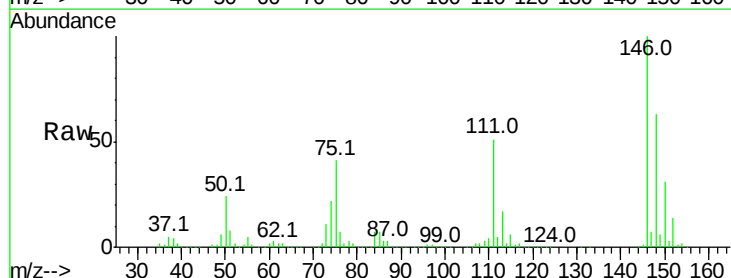
Tgt Ion:146 Resp: 718477

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.4

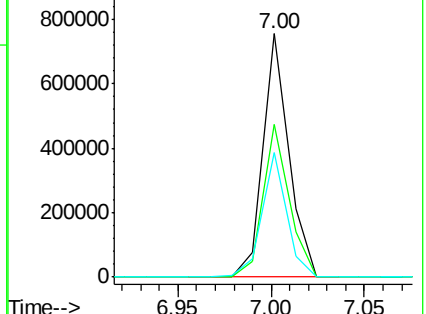
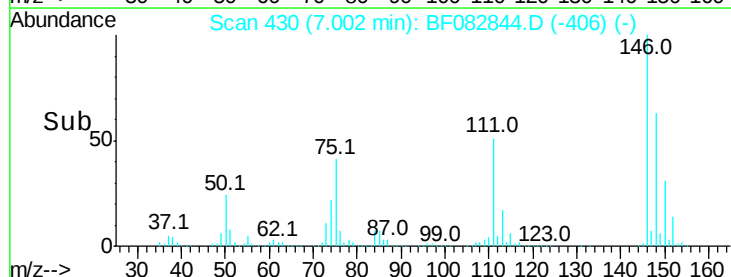
111 51.2 36.6 55.0

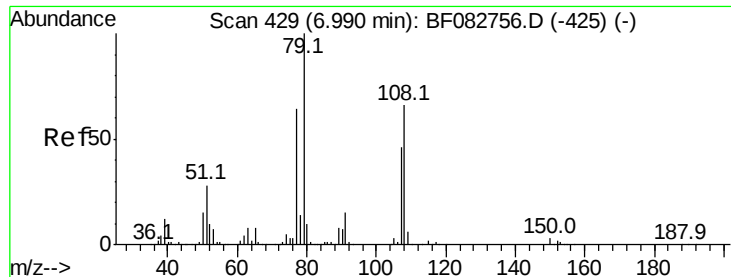


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

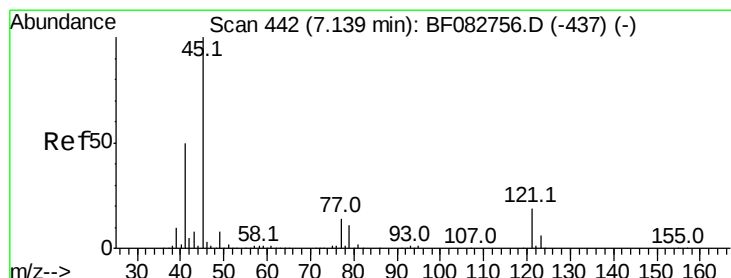
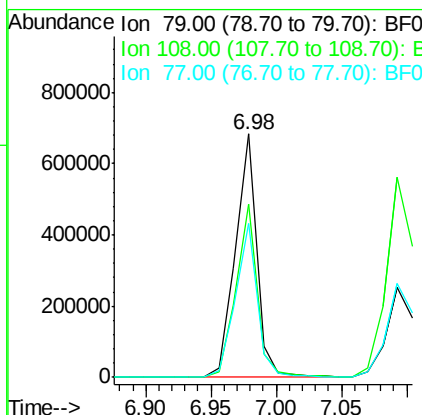
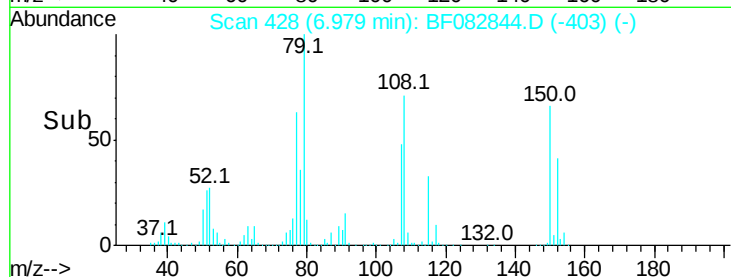
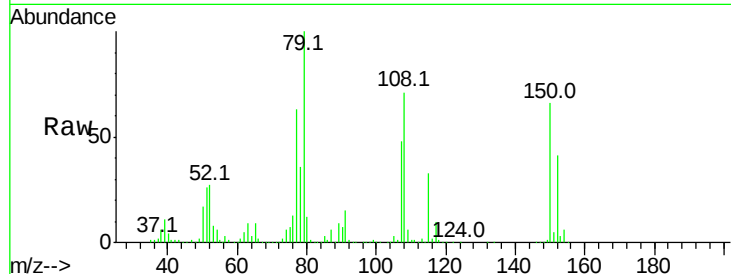




#15
Benzyl Alcohol
Concen: 42.58 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

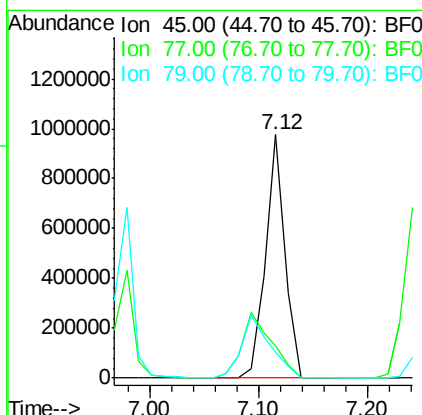
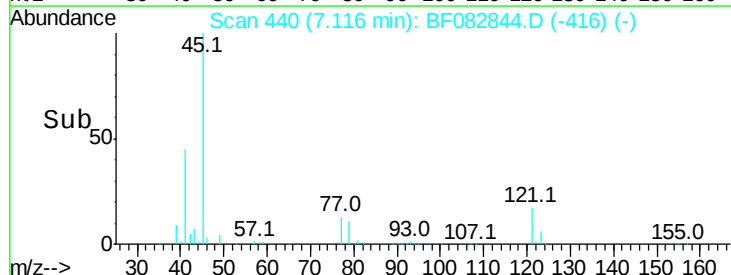
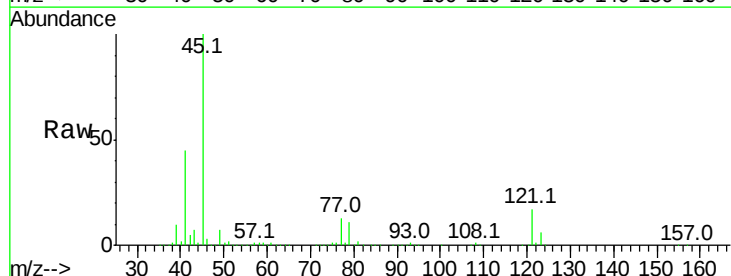
Instrument :
BNA_F
ClientSampleId :
D3MSD

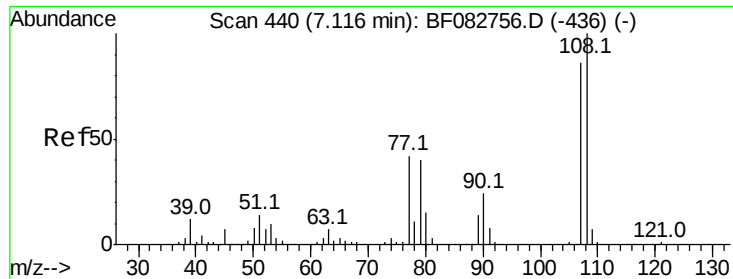
Tot Ion: 79 Resp: 781944
Ion Ratio Lower Upper
79 100
108 71.0 52.2 78.4
77 63.2 52.7 79.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.61 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion: 45 Resp: 1213030
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.6
79 10.8 0.0 29.2

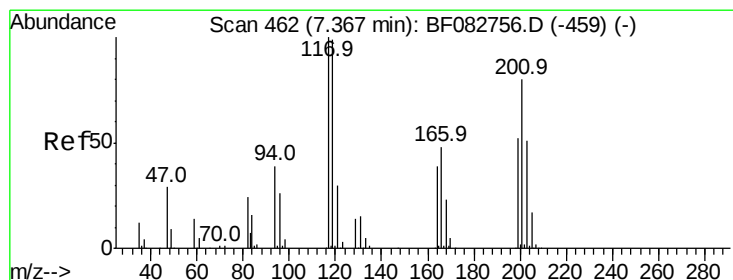
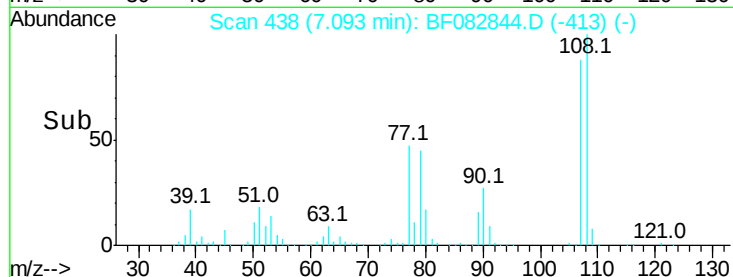
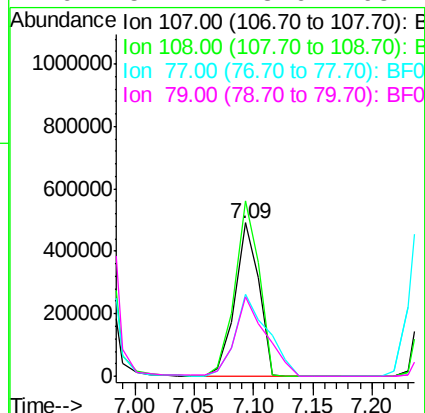
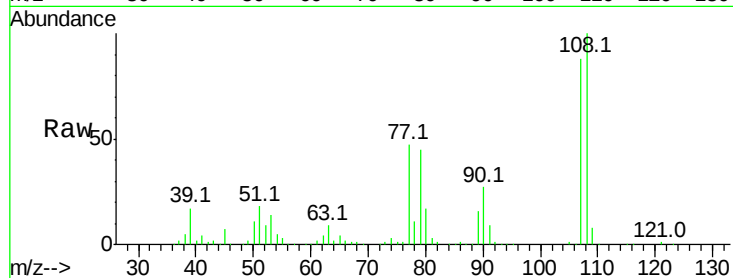




#17
2-Methylphenol
Concen: 46.98 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

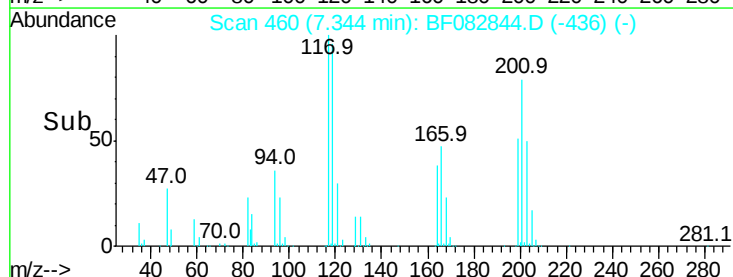
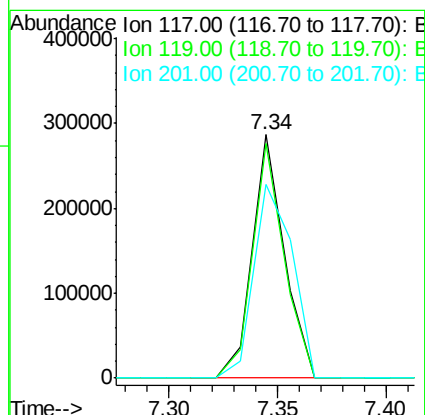
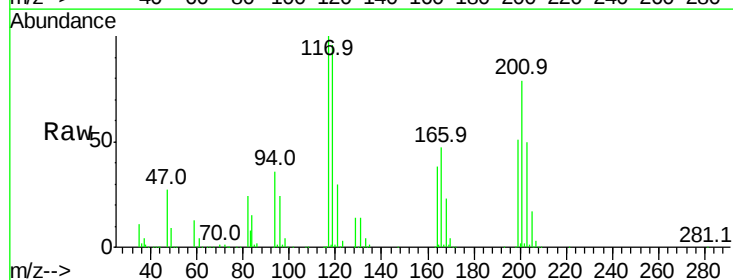
Instrument :
BNA_F
ClientSampleId :
D3MSD

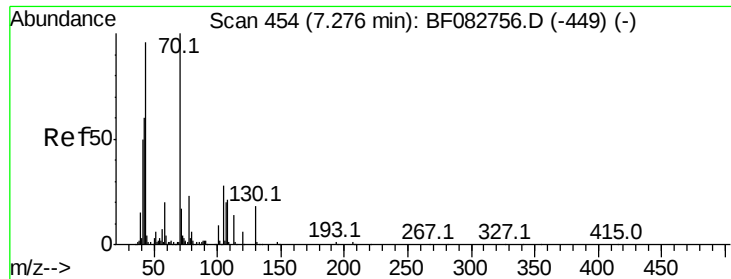
Tot Ion:	107	Resp:	693765
Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.0	139.4
77	53.6	44.1	66.1
79	51.7	43.6	65.4



#18
Hexachloroethane
Concen: 39.89 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion:	117	Resp:	291918
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.7	116.5
201	79.4	66.7	100.1

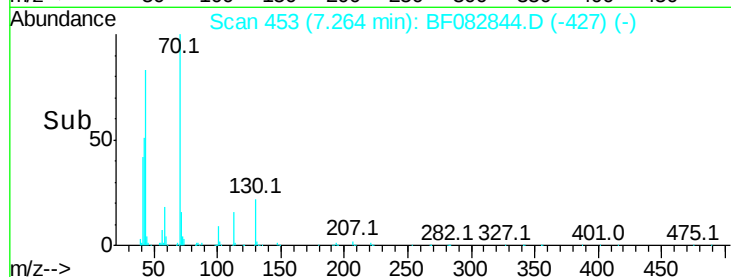
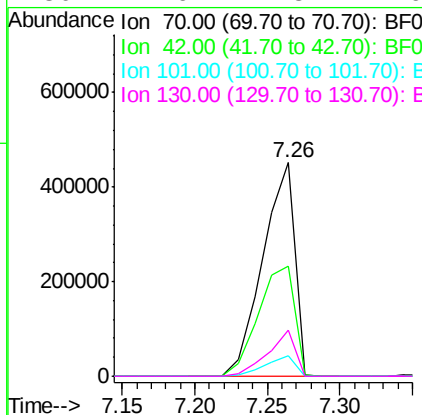
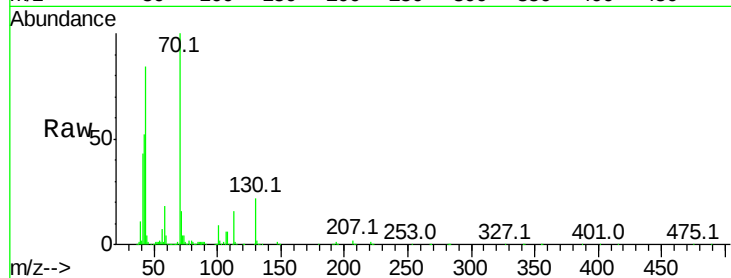




#19
 n-Nitroso-di-n-propylamine
 Concen: 44.81 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

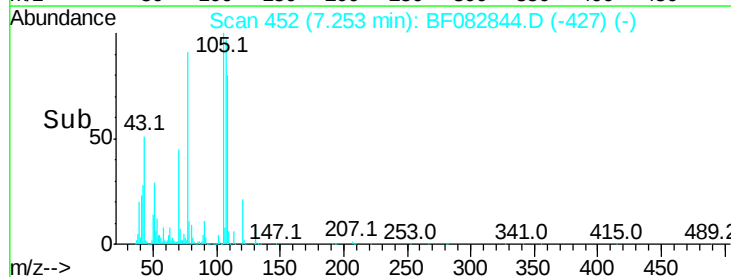
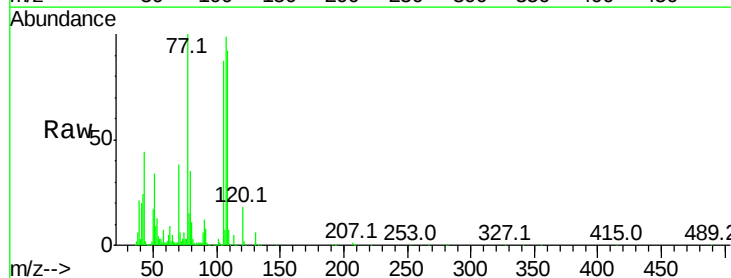
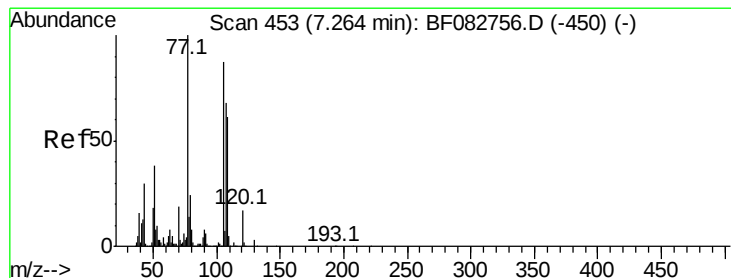
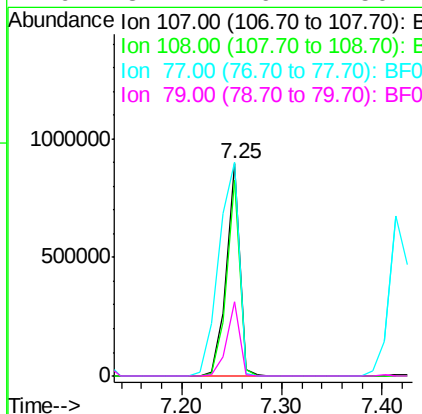
Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

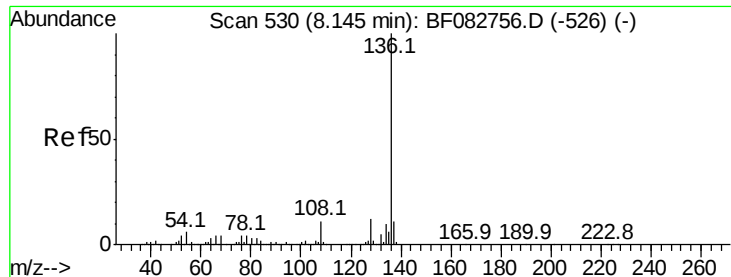
Tot Ion: 70 Resp: 688711
 Ion Ratio Lower Upper
 70 100
 42 51.8 57.7 86.5#
 101 9.4 7.0 10.6
 130 21.6 11.8 17.6#



#20
 3+4-Methylphenols
 Concen: 43.38 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion: 107 Resp: 832933
 Ion Ratio Lower Upper
 107 100
 108 92.3 67.3 107.3
 77 100.6 100.3 140.3
 79 34.7 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

Tot Ion:136 Resp: 932988

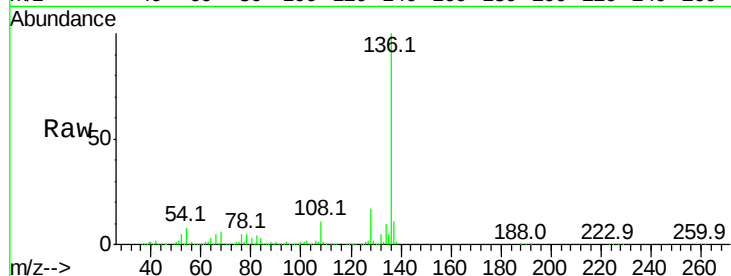
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.9 9.1 13.7#

68 5.8 4.8 7.2

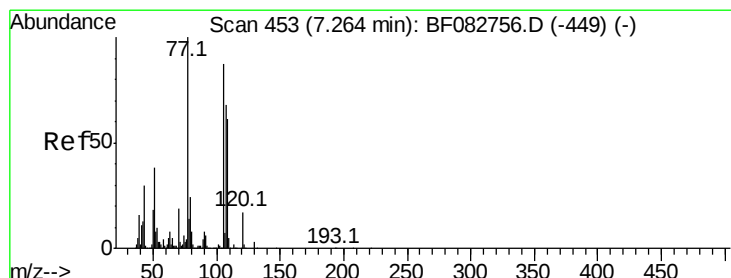
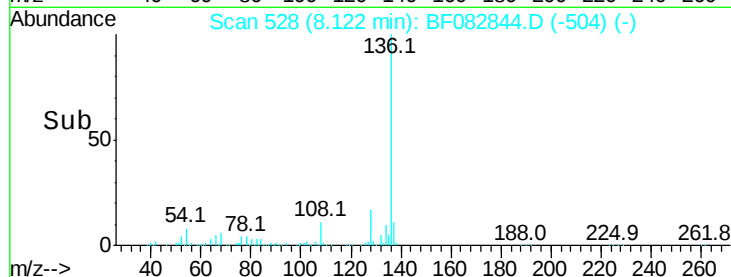
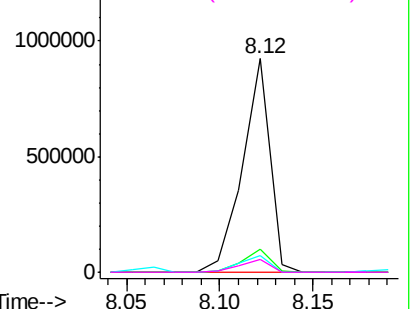


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.66 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion:105 Resp: 1193784

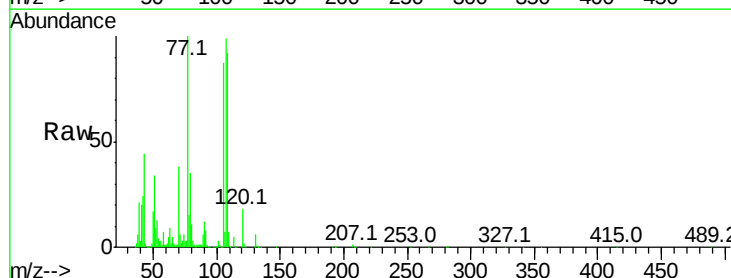
Ion Ratio Lower Upper

105 100

71 7.4 5.6 8.4

51 39.4 24.9 37.3#

120 20.9 15.8 23.8

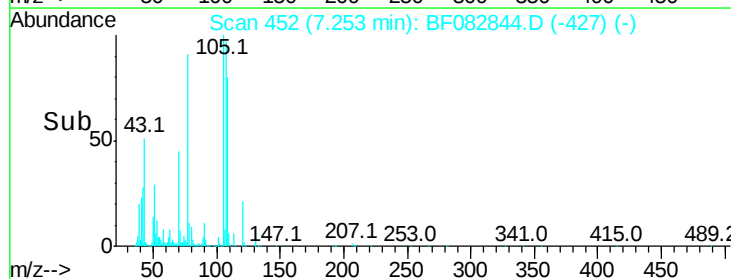
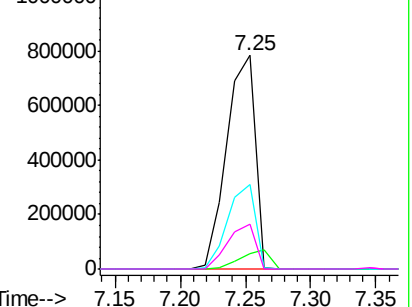


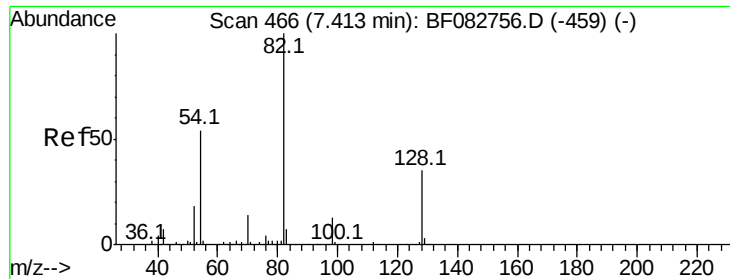
Abundance Ion 105.00 (104.70 to 105.70): E

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



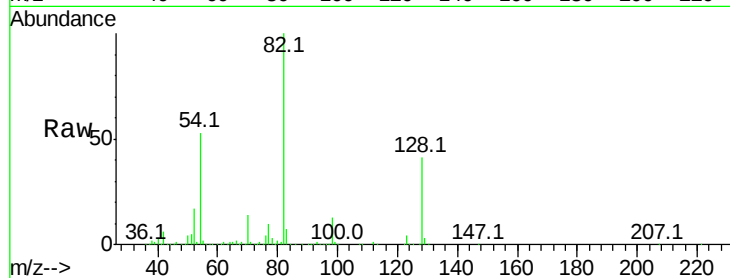


#23
 Nitrobenzene-d5
 Concen: 89.38 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

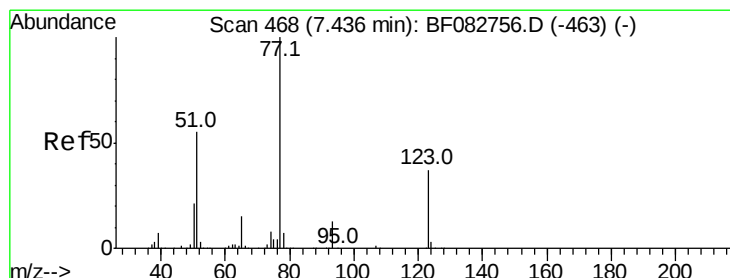
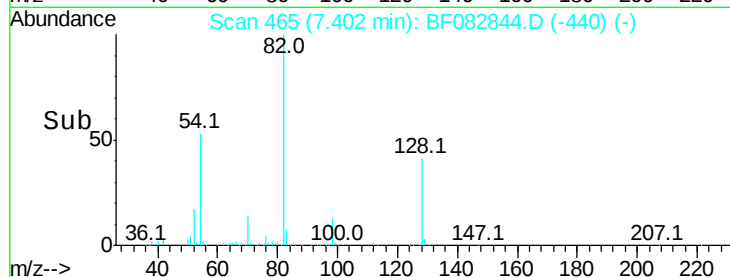
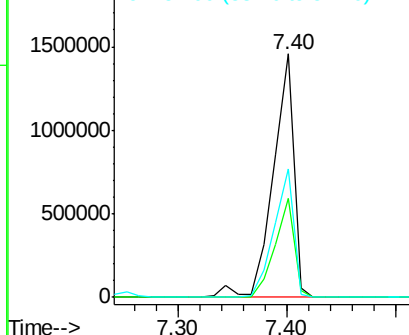
Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion: 82 Resp: 1916517

Ion	Ratio	Lower	Upper
82	100		
128	40.7	26.8	40.2#
54	52.6	45.7	68.5



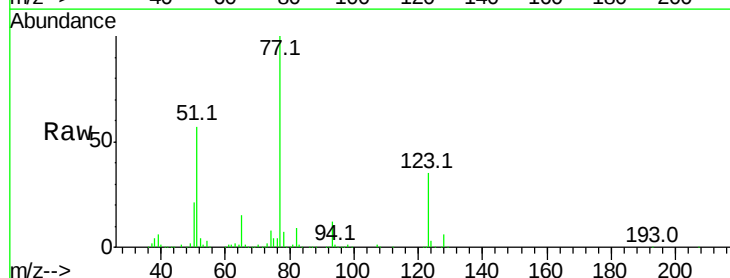
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



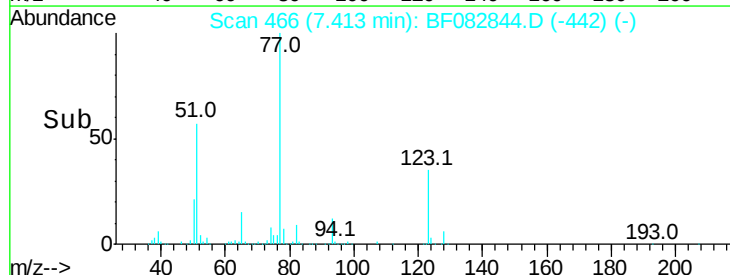
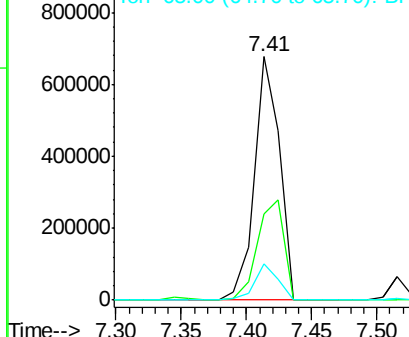
#24
 Nitrobenzene
 Concen: 41.29 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

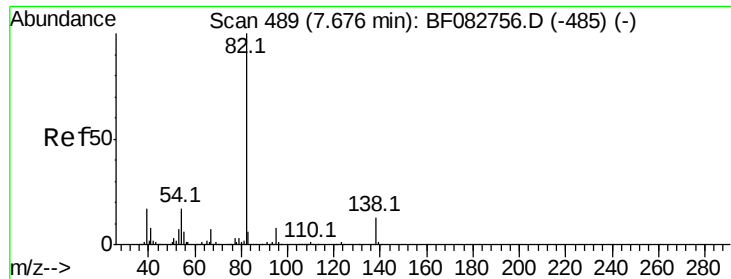
Tgt Ion: 77 Resp: 905439

Ion	Ratio	Lower	Upper
77	100		
123	35.3	36.4	54.6#
65	14.8	11.5	17.3



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





#25

Isophorone

Concen: 45.13 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

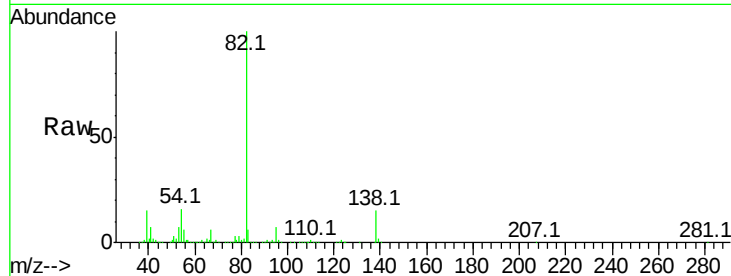
Tot Ion: 82 Resp: 1790458

Ion Ratio Lower Upper

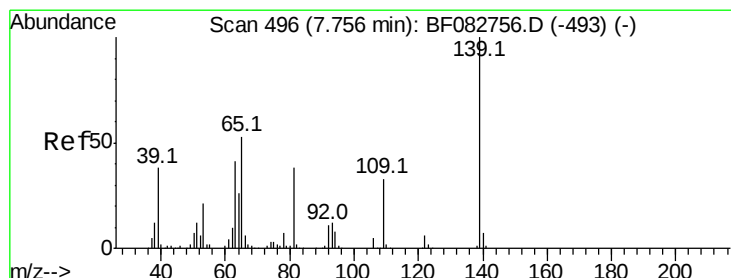
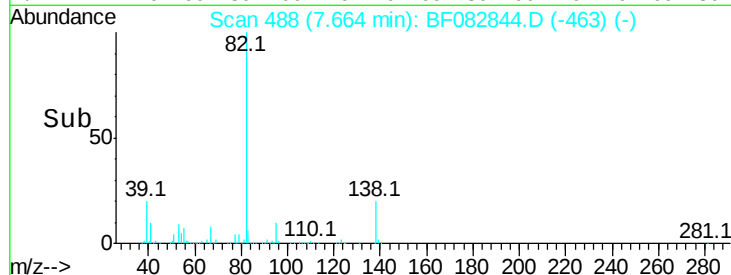
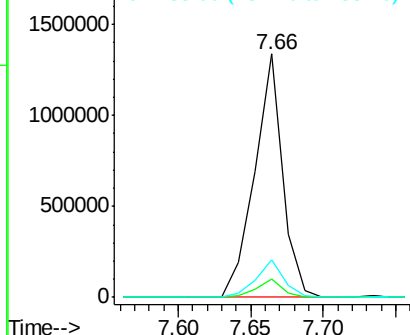
82 100

95 7.4 6.6 9.8

138 15.4 11.4 17.0



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



#26

2-Nitrophenol

Concen: 44.11 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

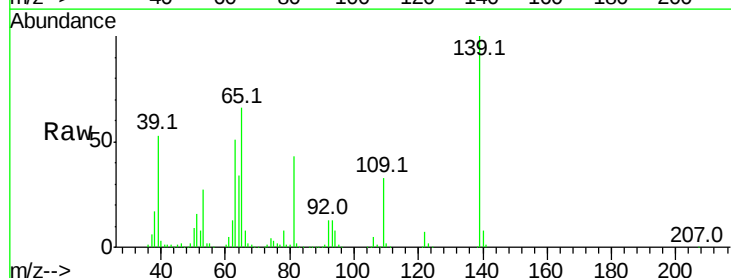
Tgt Ion: 139 Resp: 403712

Ion Ratio Lower Upper

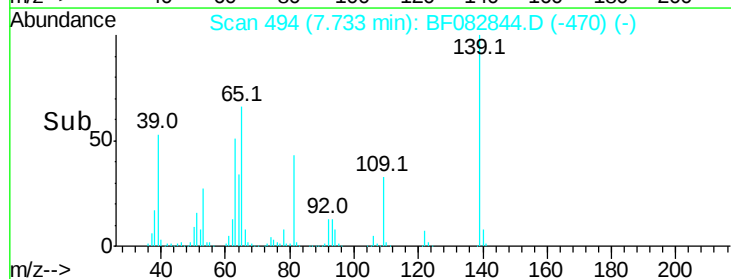
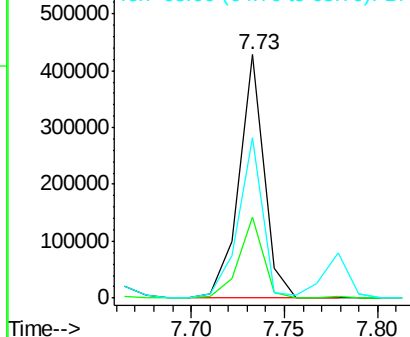
139 100

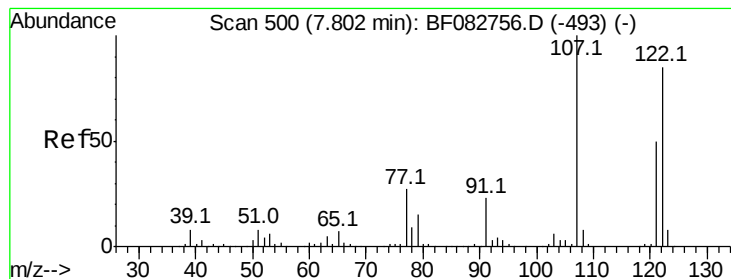
109 33.1 37.6 56.4#

65 66.1 70.6 105.8#



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





#27

2,4-Dimethylphenol

Concen: 43.37 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampled :

D3MSD

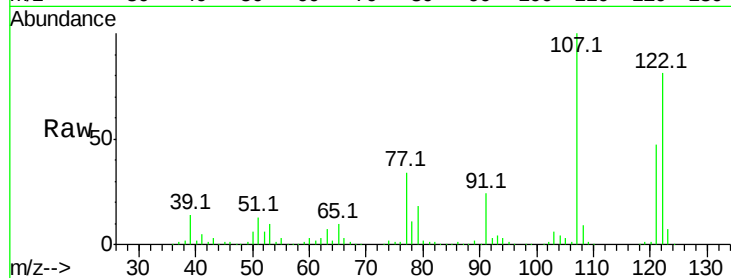
Tot Ion:122 Resp: 713193

Ion Ratio Lower Upper

122 100

107 124.1 106.0 159.0

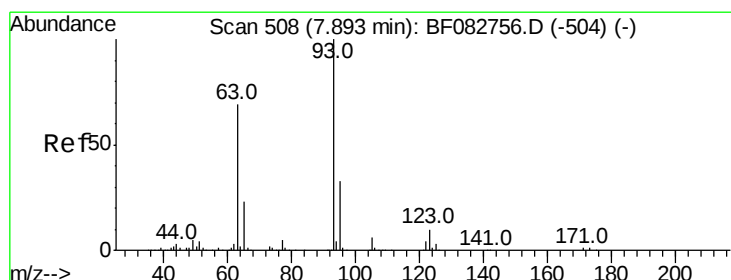
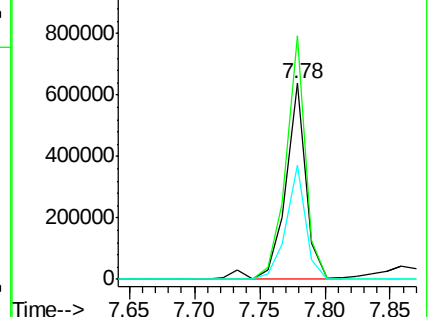
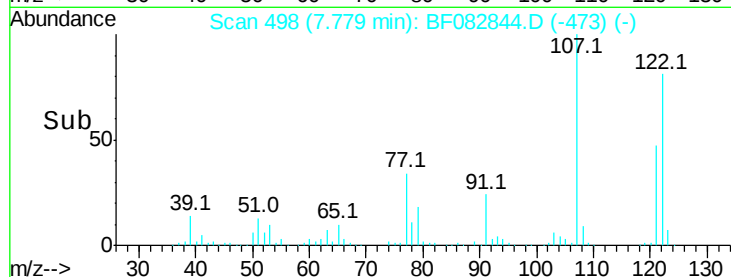
121 58.2 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.48 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

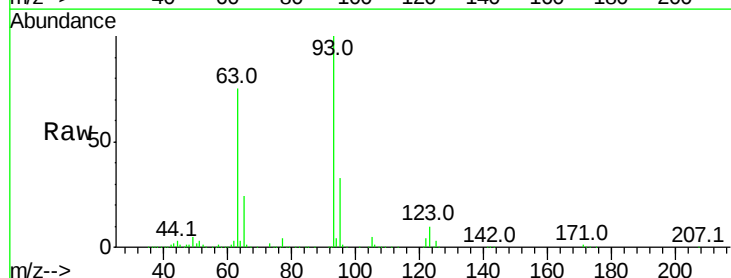
Tgt Ion: 93 Resp: 972953

Ion Ratio Lower Upper

93 100

95 33.5 26.6 40.0

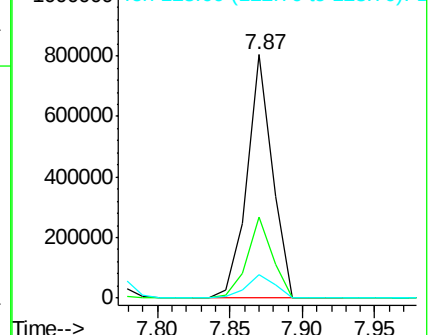
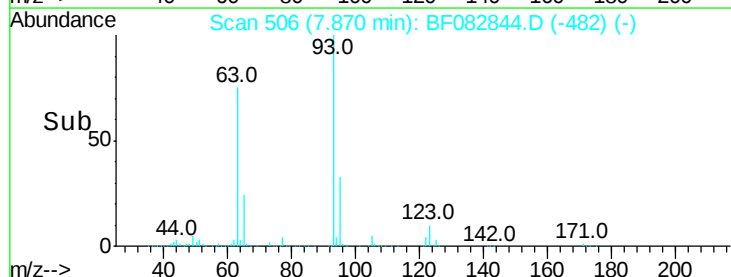
123 9.6 9.7 14.5#

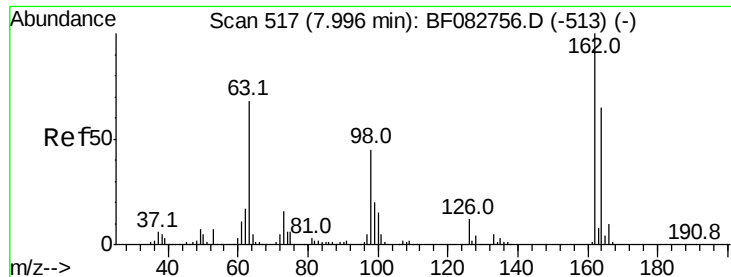


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.49 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

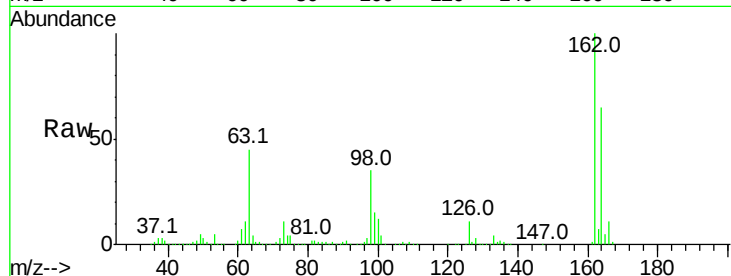
Tot Ion:162 Resp: 750458

Ion Ratio Lower Upper

162 100

164 65.1 46.8 86.8

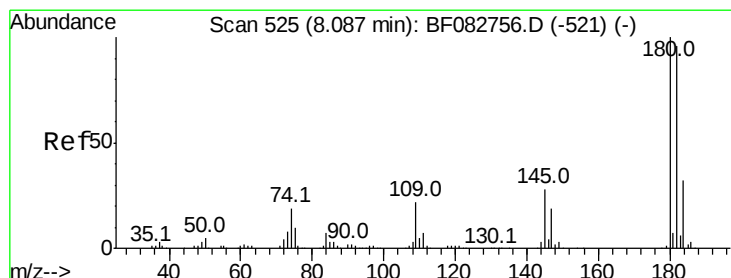
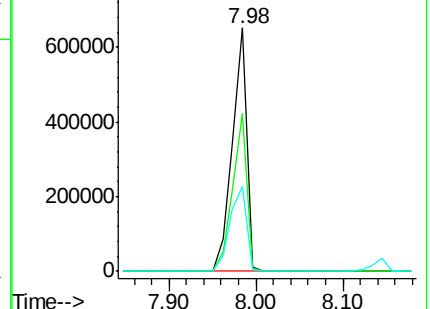
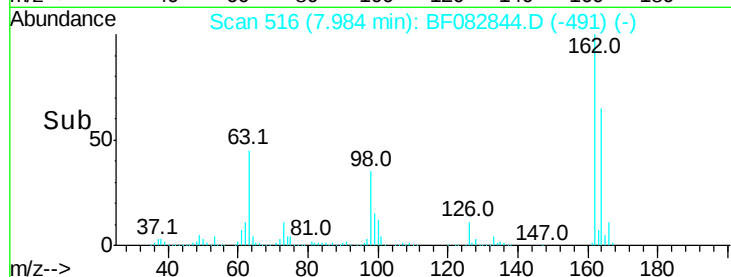
98 34.9 12.5 52.5



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: 44.20 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

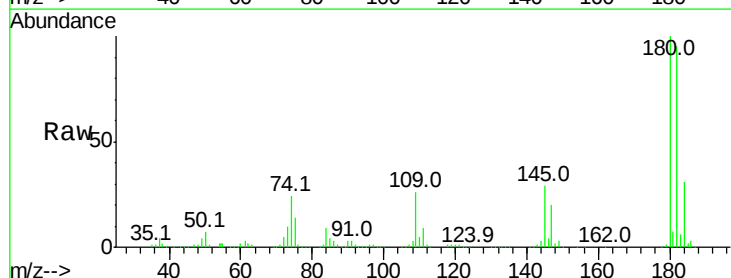
Tgt Ion:180 Resp: 738734

Ion Ratio Lower Upper

180 100

182 94.9 74.9 112.3

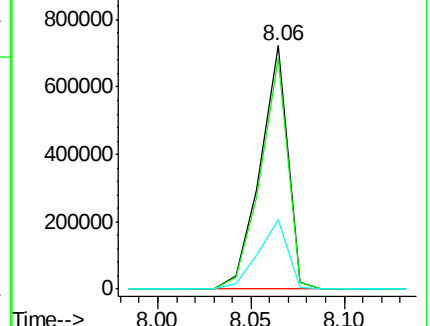
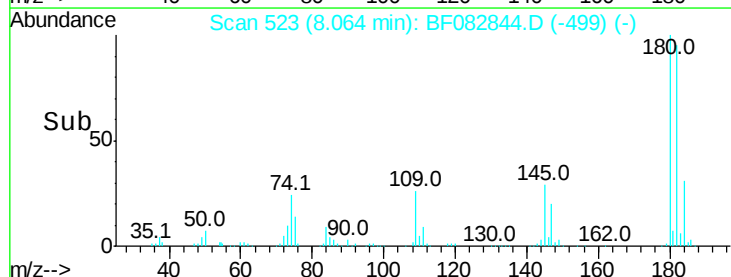
145 28.8 27.8 41.8

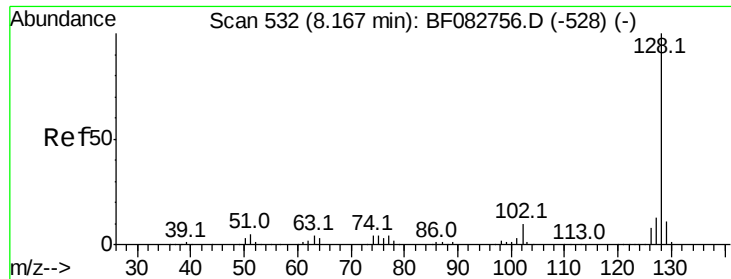


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

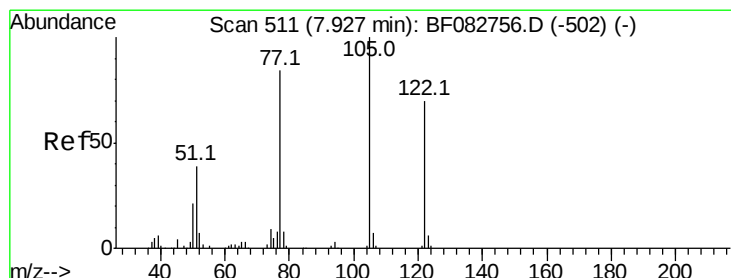
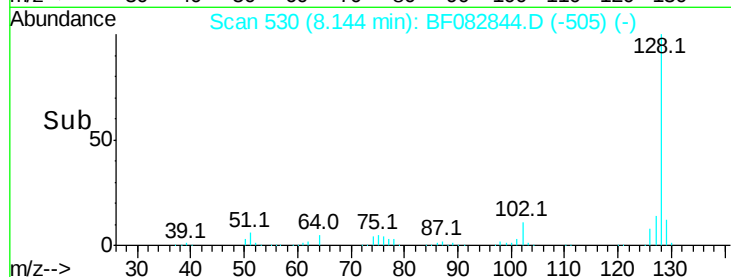
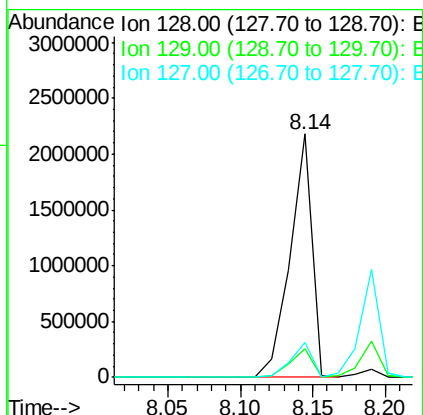
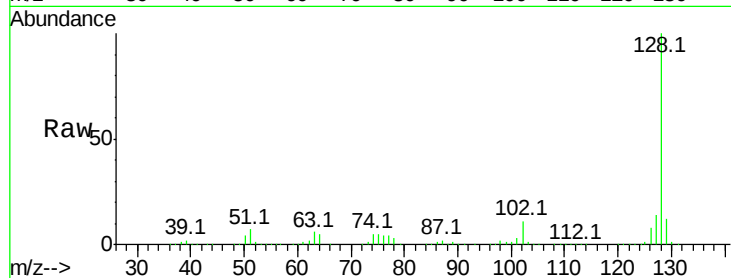




#31
Naphthalene
Concen: 44.22 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

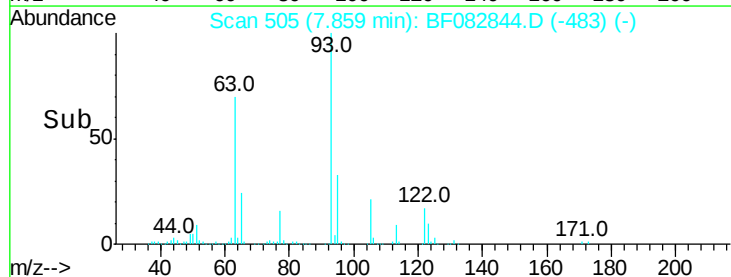
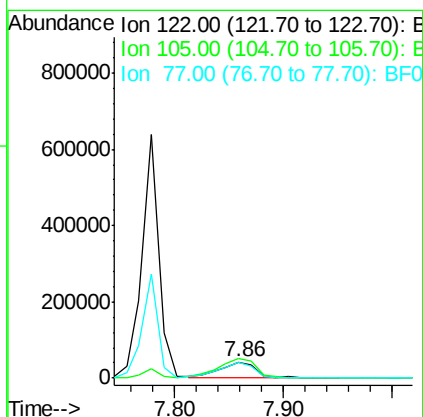
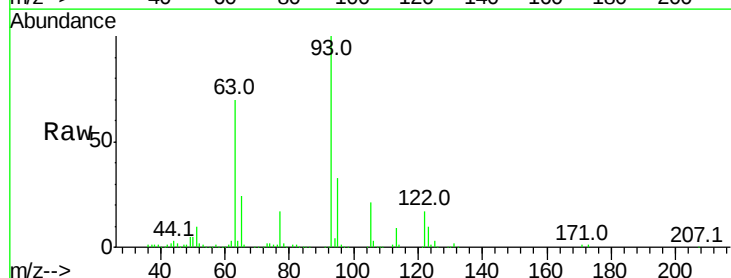
Instrument :
BNA_F
ClientSampleId :
D3MSD

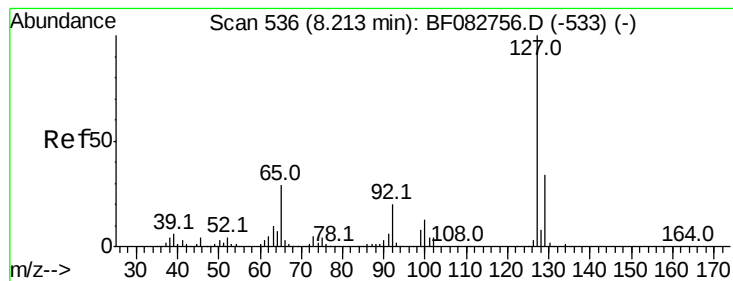
Tot Ion:128 Resp: 2276080
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.4 11.4 17.0



#32
Benzoic acid
Concen: 8.50 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.05 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion:122 Resp: 95704
Ion Ratio Lower Upper
122 100
105 125.2 122.6 162.6
77 99.0 100.9 140.9#





#33

4-Chloroaniline

Concen: 40.86 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampled :

D3MSD

Tot Ion:127 Resp: 906404

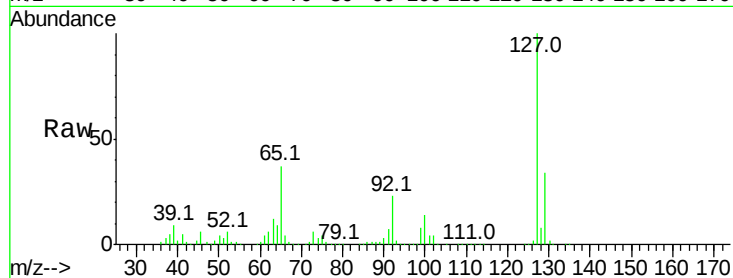
Ion Ratio Lower Upper

127 100

129 33.6 26.3 39.5

65 37.2 37.8 56.8#

92 22.5 20.6 31.0

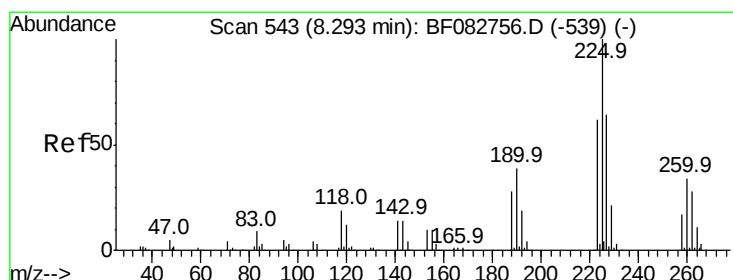
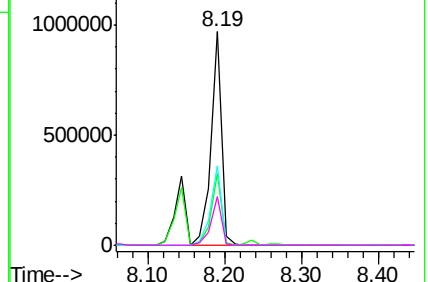
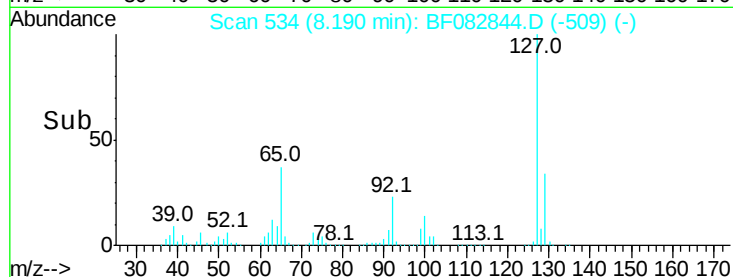


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.76 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

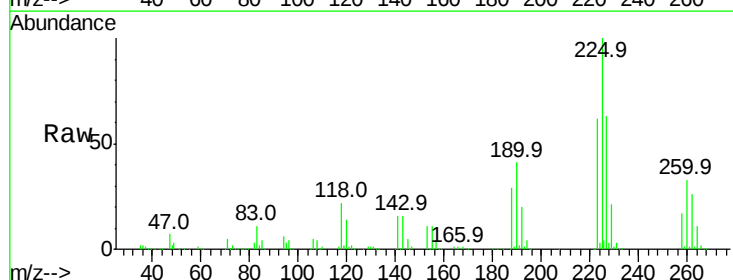
Tgt Ion:225 Resp: 436822

Ion Ratio Lower Upper

225 100

223 61.8 50.5 75.7

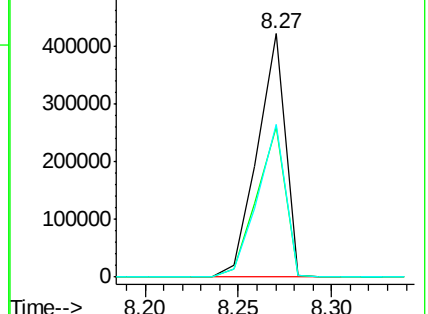
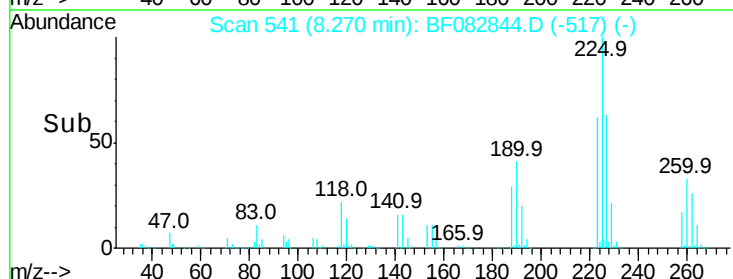
227 62.7 50.2 75.2

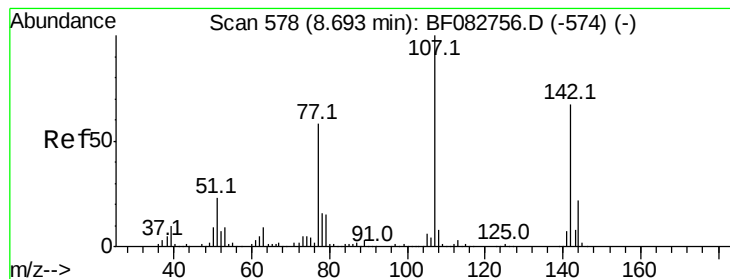


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

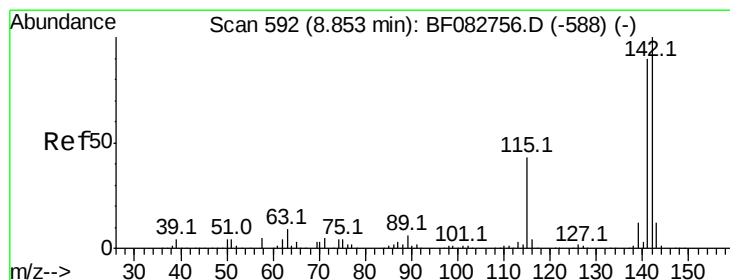
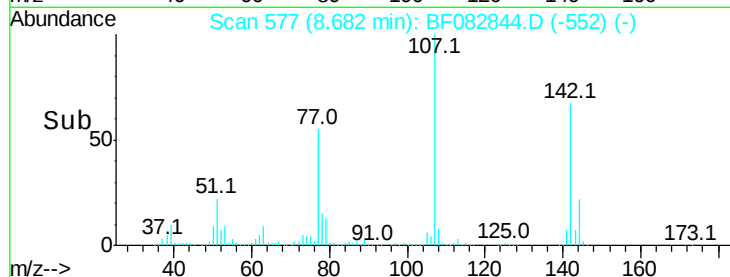
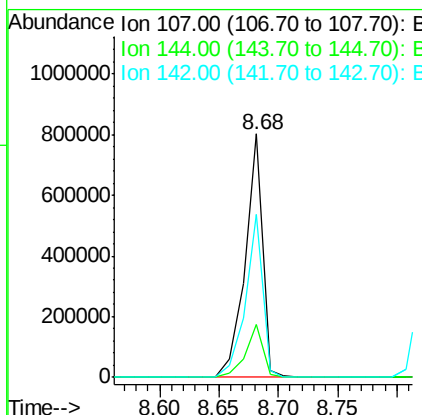
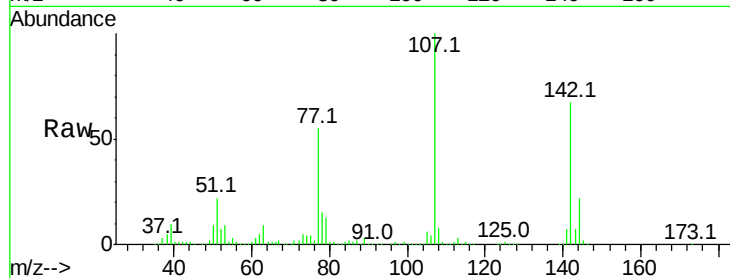




#36
 4-Chloro-3-methylphenol
 Concen: 47.32 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

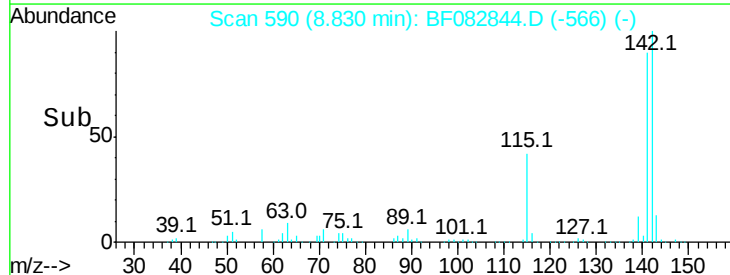
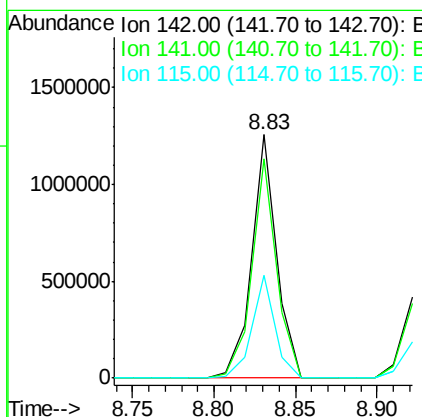
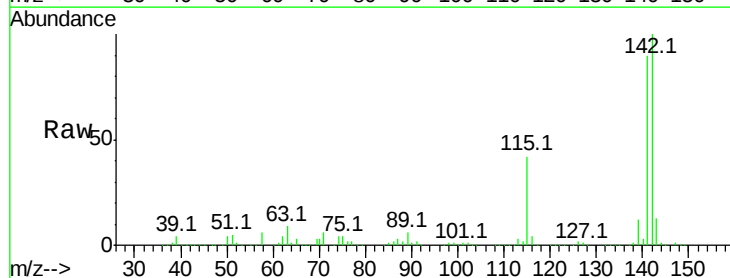
Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

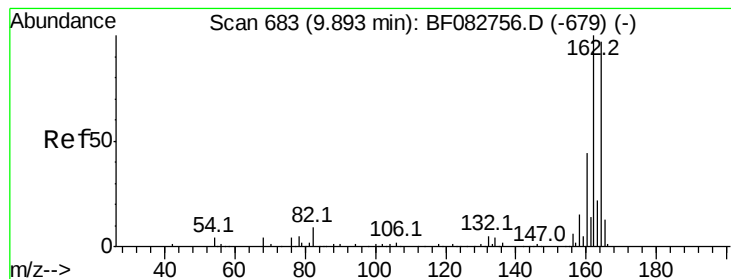
Tot Ion:107 Resp: 827129
 Ion Ratio Lower Upper
 107 100
 144 21.8 15.4 23.0
 142 67.1 47.8 71.8



#37
 2-Methylnaphthalene
 Concen: 40.03 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion:142 Resp: 1333054
 Ion Ratio Lower Upper
 142 100
 141 90.1 72.3 108.5
 115 42.1 38.1 57.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

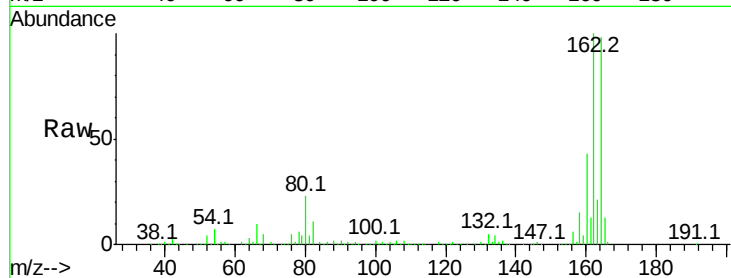
Tot Ion:164 Resp: 437213

Ion Ratio Lower Upper

164 100

162 101.7 84.9 127.3

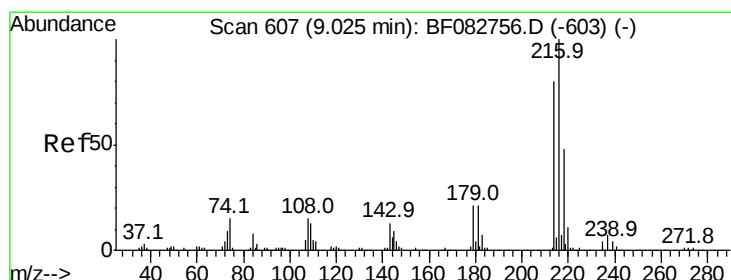
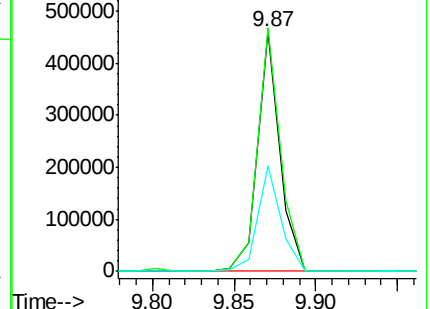
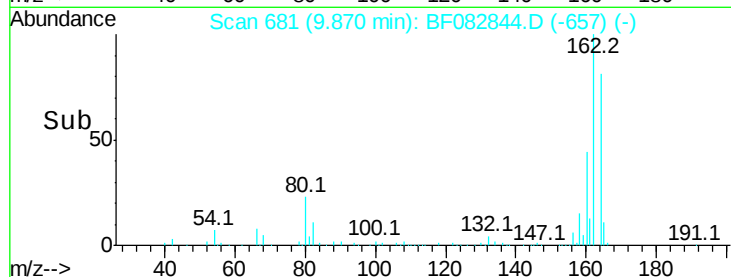
160 44.1 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.45 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Tgt Ion:216 Resp: 624329

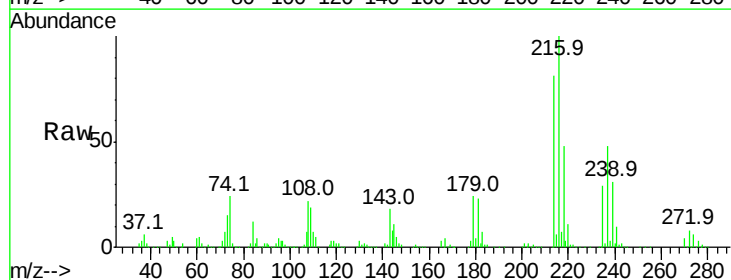
Ion Ratio Lower Upper

216 100

214 80.6 62.2 93.2

179 23.2 18.1 27.1

108 25.0 16.6 25.0#

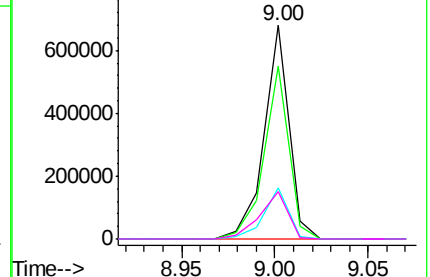
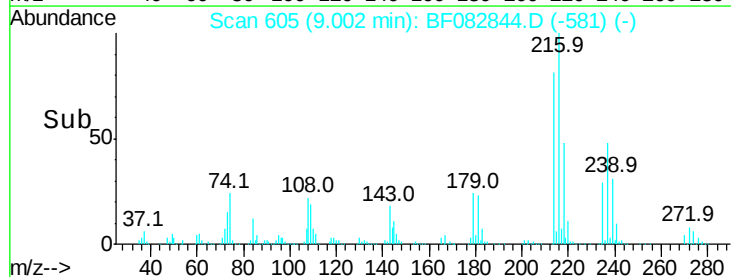


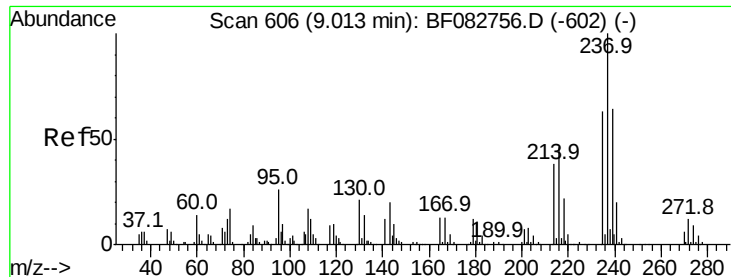
Abundance Ion 216.00 (215.70 to 216.70): E

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

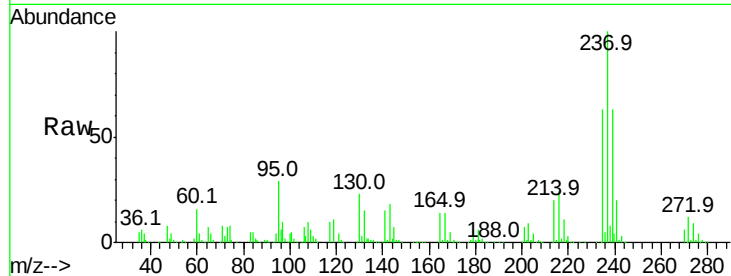




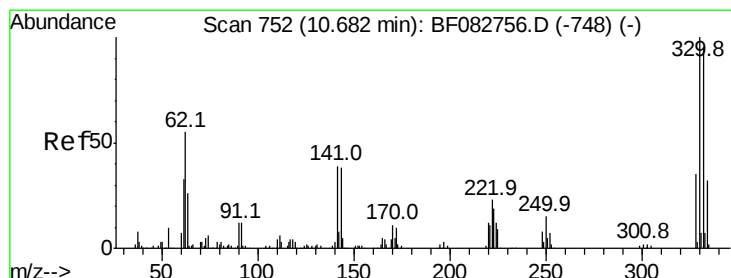
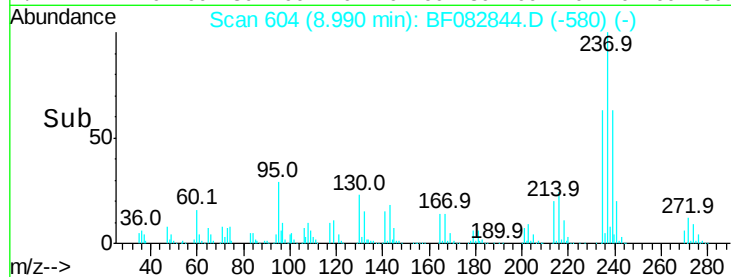
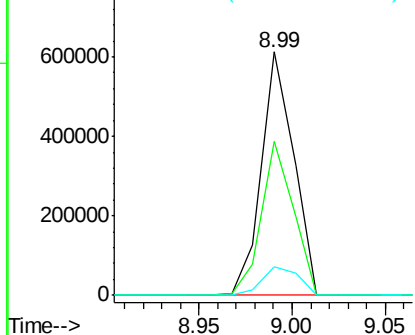
#40
Hexachlorocyclopentadiene
Concen: 95.36 ng
RT: 8.99 min Scan# 604
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion:237 Resp: 736091
Ion Ratio Lower Upper
237 100
235 63.3 44.3 84.3
272 12.0 0.0 31.9

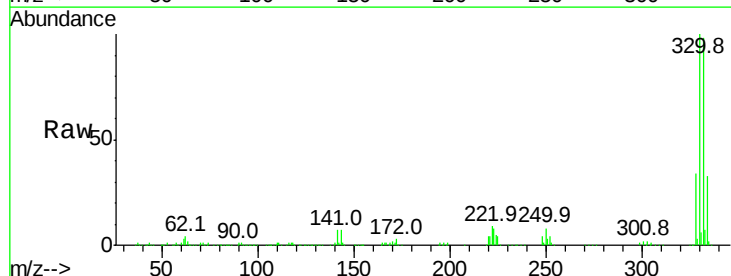


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

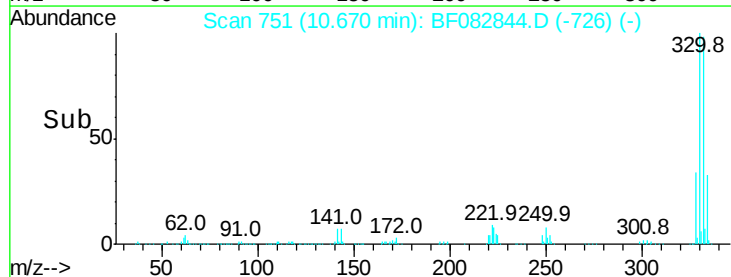
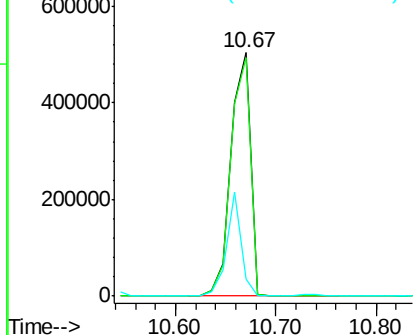


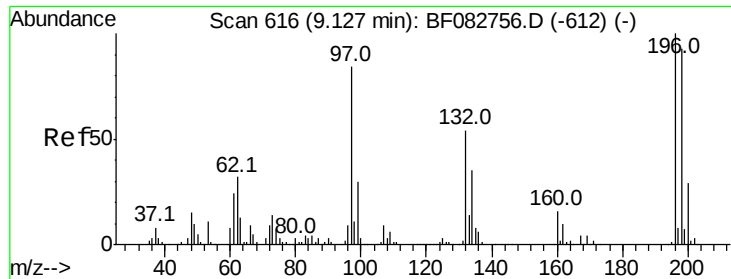
#41
2,4,6-Tribromophenol
Concen: 136.00 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion:330 Resp: 681777
Ion Ratio Lower Upper
330 100
332 98.6 76.6 114.8
141 31.8 41.2 61.8#



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

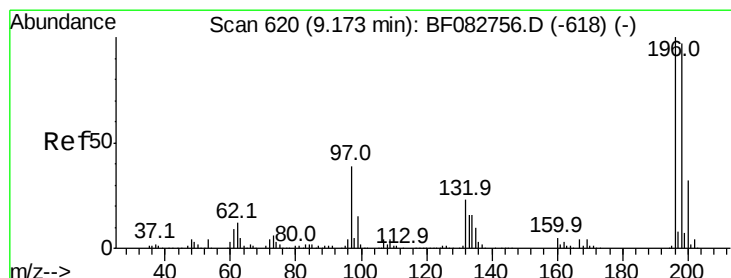
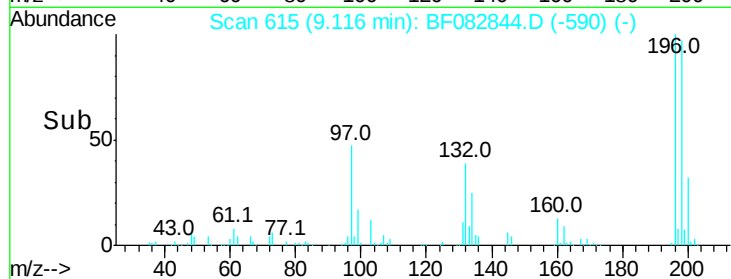
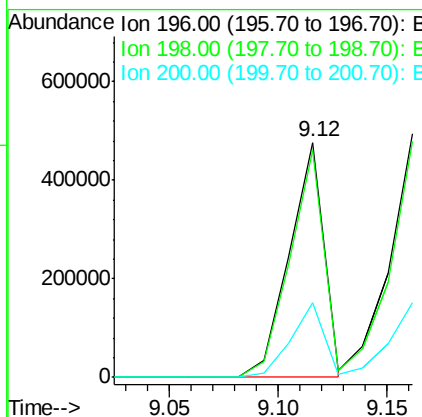
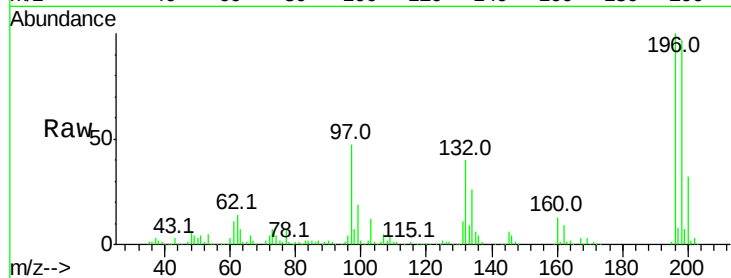




#42
 2,4,6-Trichlorophenol
 Concen: 49.19 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

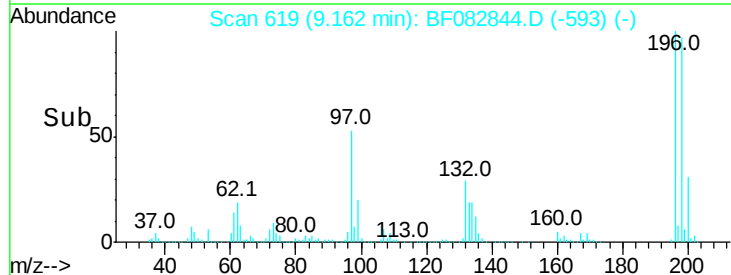
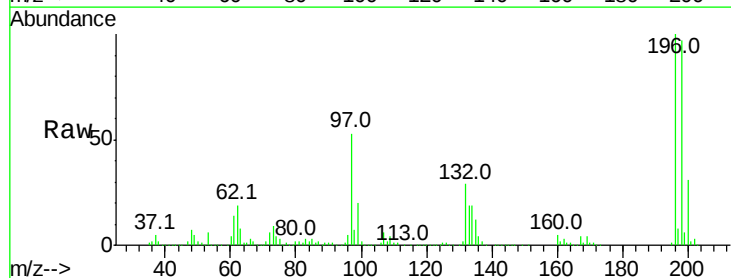
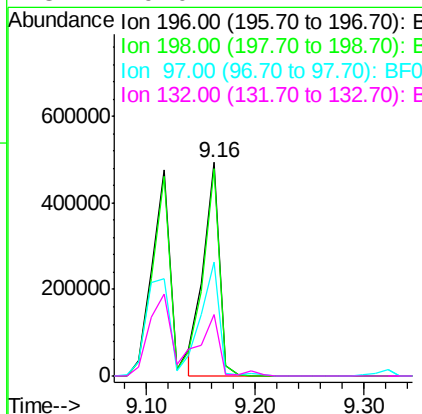
Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

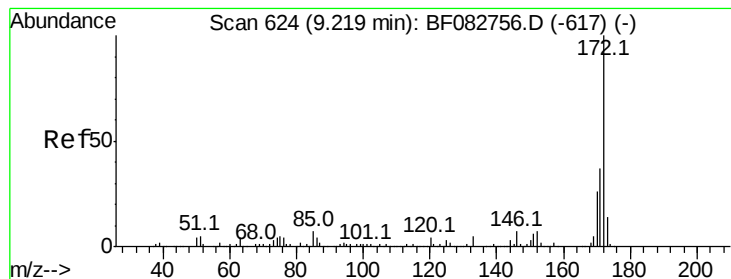
Tot Ion:196 Resp: 527503
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.3 114.5
 200 31.7 23.9 35.9



#43
 2,4,5-Trichlorophenol
 Concen: 47.54 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion:196 Resp: 504246
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.8 113.8
 97 53.1 62.3 93.5#
 132 29.0 27.4 41.2

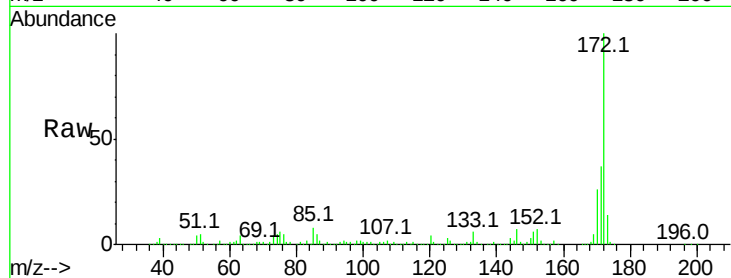




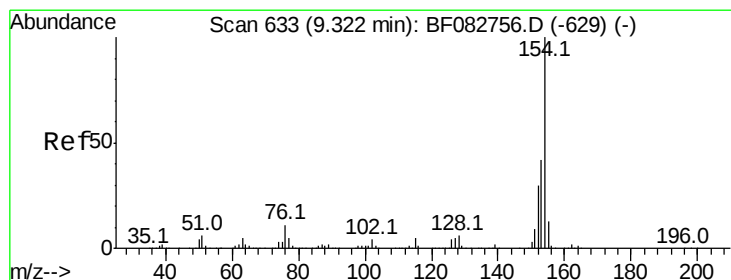
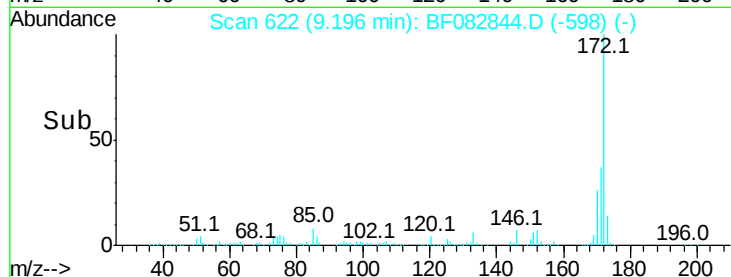
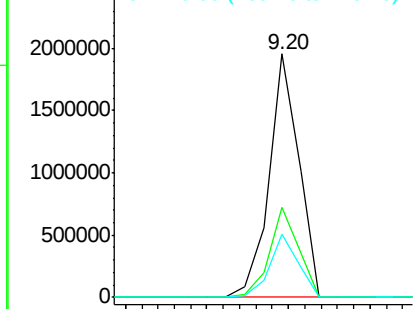
#44
2-Fluorobiphenyl
Concen: 81.22 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion:172 Resp: 2477691
Ion Ratio Lower Upper
172 100
171 36.8 30.8 46.2
170 25.8 21.2 31.8

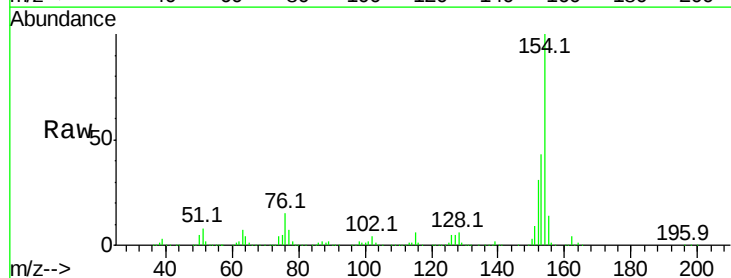


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

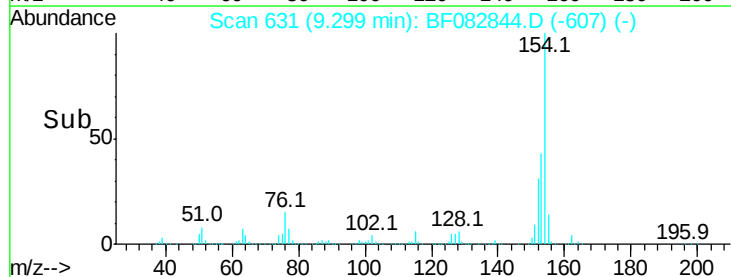
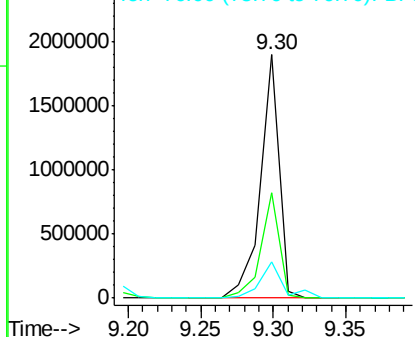


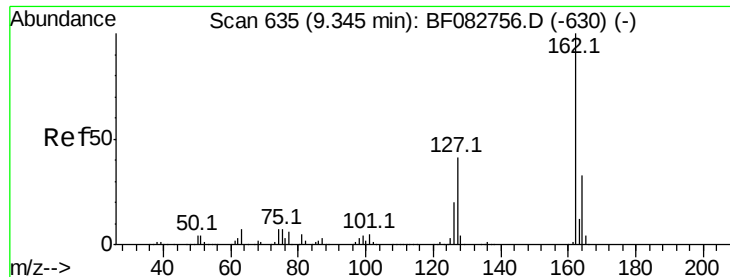
#45
1,1'-Biphenyl
Concen: 45.04 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion:154 Resp: 1689593
Ion Ratio Lower Upper
154 100
153 43.0 22.0 62.0
76 14.7 0.0 29.0



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

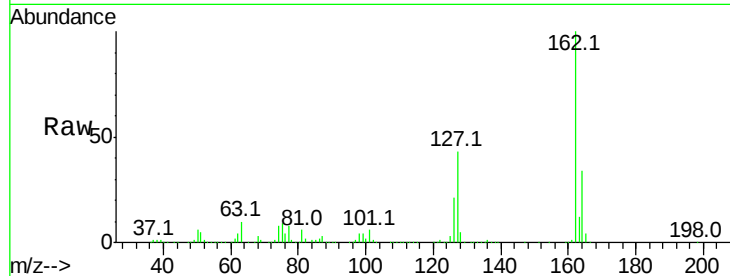




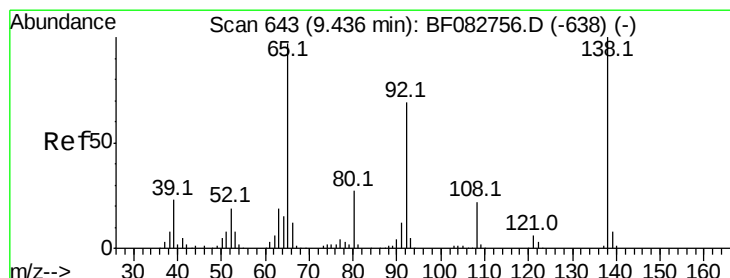
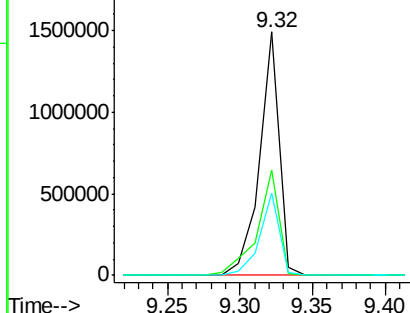
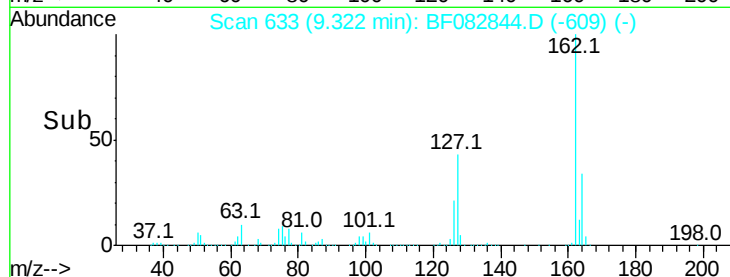
#46
2-Chloronaphthalene
Concen: 47.62 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion:162 Resp: 1393522
Ion Ratio Lower Upper
162 100
127 43.4 32.7 49.1
164 33.6 27.4 41.0

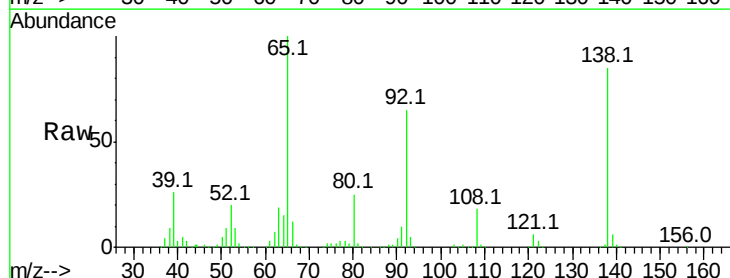


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

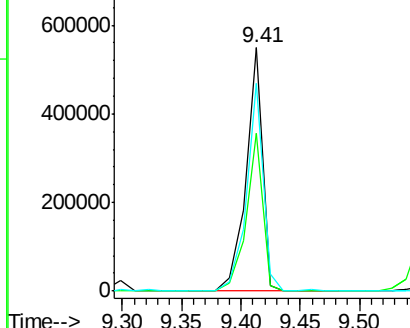
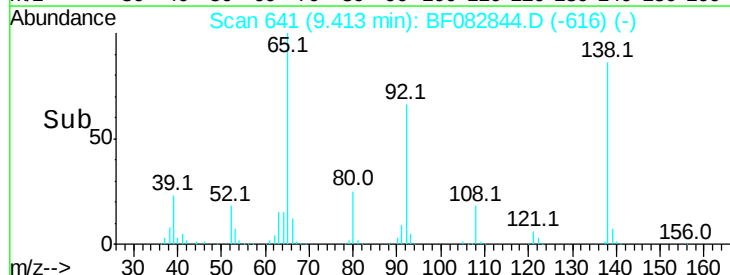


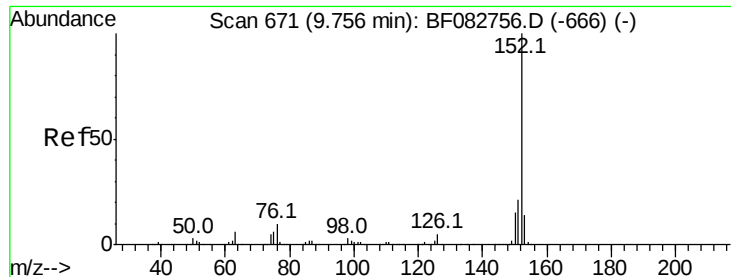
#47
2-Nitroaniline
Concen: 49.07 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion: 65 Resp: 532648
Ion Ratio Lower Upper
65 100
92 65.0 46.6 70.0
138 85.2 54.6 81.8#



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





#48

Acenaphthylene

Concen: 43.39 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

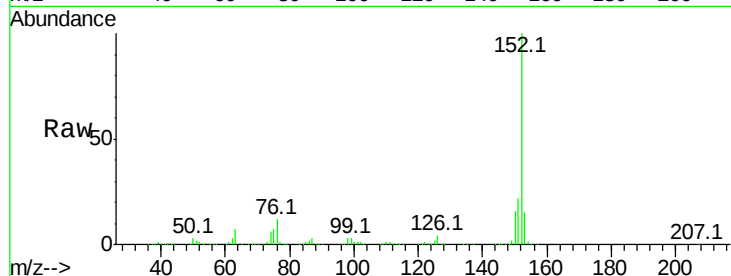
Tot Ion:152 Resp: 1990085

Ion Ratio Lower Upper

152 100

151 21.5 17.3 25.9

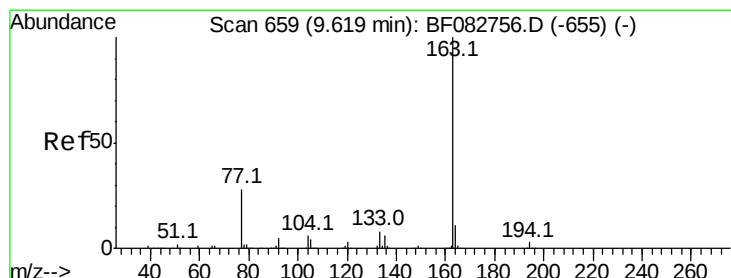
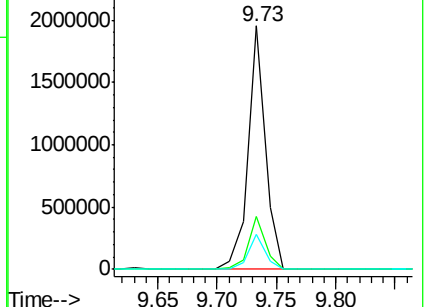
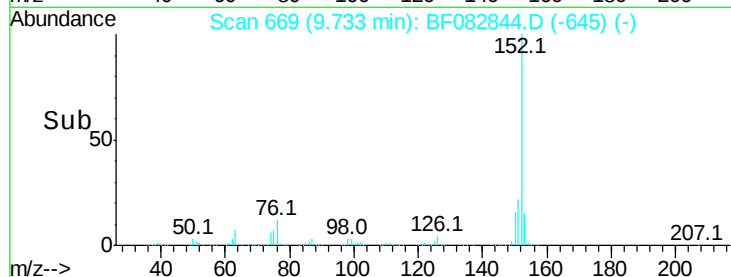
153 14.6 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 62.72 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

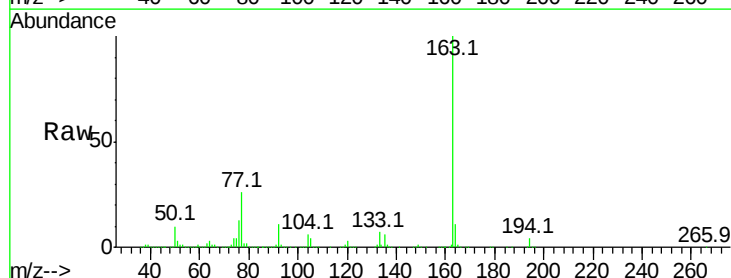
Tgt Ion:163 Resp: 2246537

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

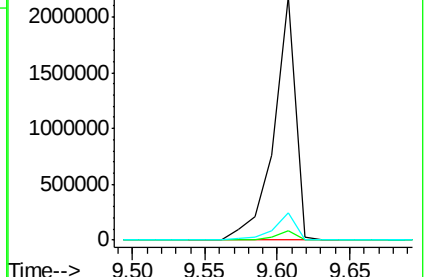
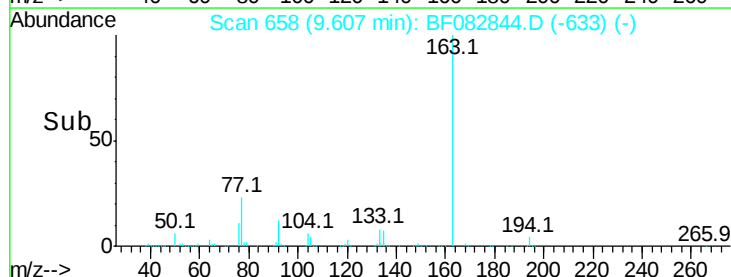
164 11.1 8.7 13.1

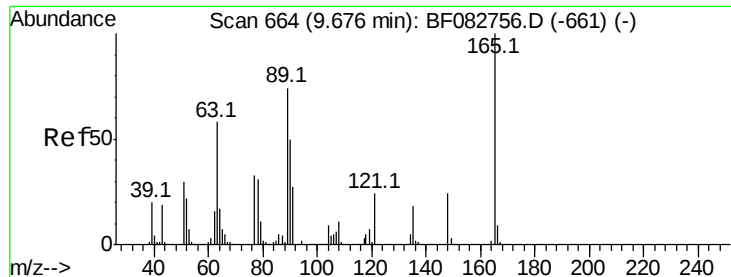


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

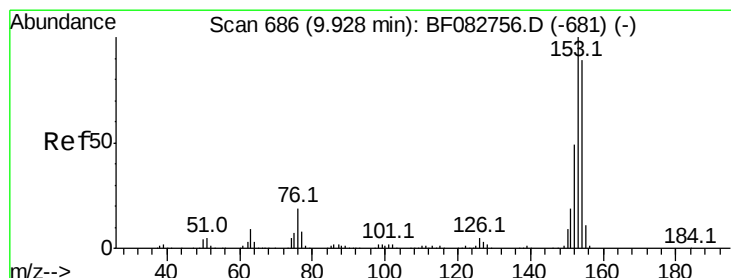
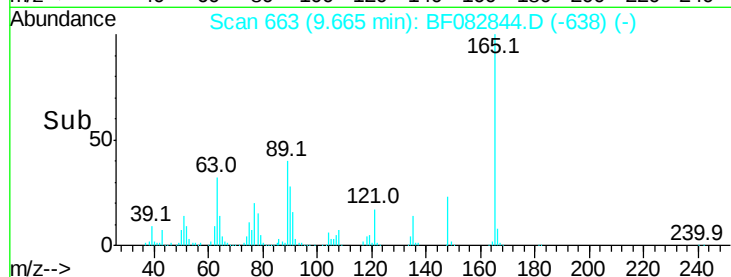
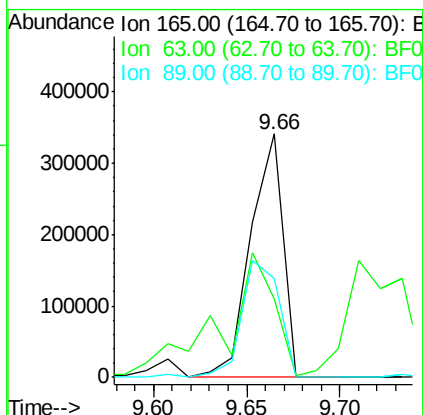
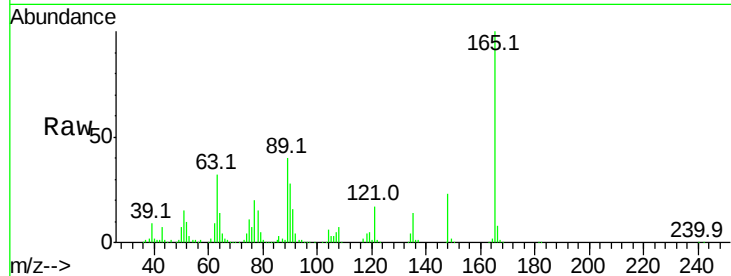




#50
 2,6-Dinitrotoluene
 Concen: 53.40 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

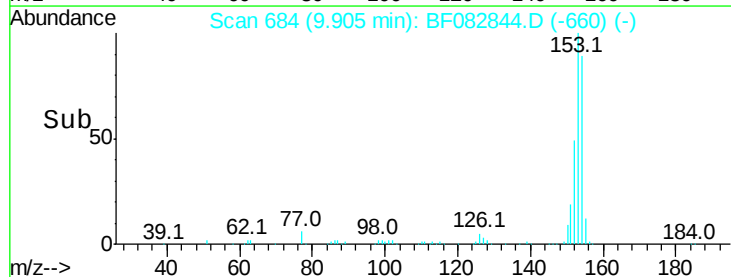
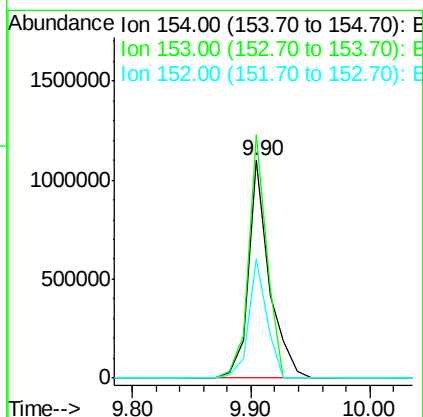
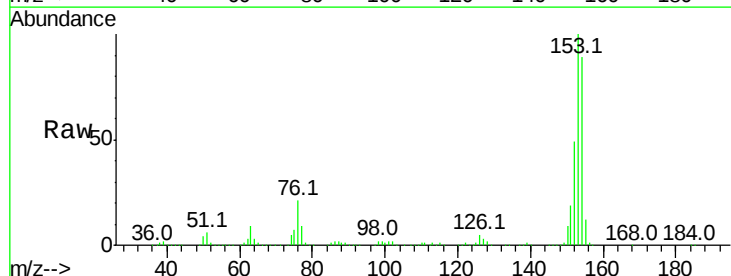
Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

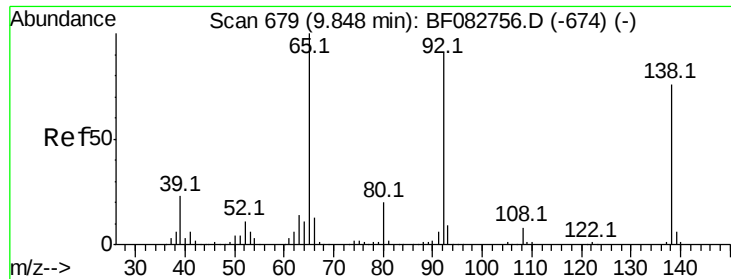
Tot Ion:165 Resp: 408171
 Ion Ratio Lower Upper
 165 100
 63 32.2 55.5 83.3#
 89 40.4 55.0 82.6#



#51
 Acenaphthene
 Concen: 46.32 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion:154 Resp: 1346480
 Ion Ratio Lower Upper
 154 100
 153 111.9 90.1 135.1
 152 55.2 44.3 66.5





#52

3-Nitroaniline

Concen: 41.03 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

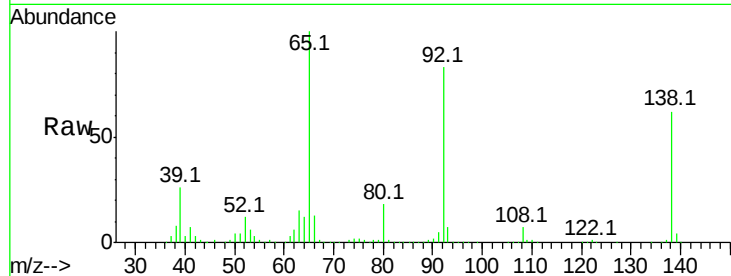
Tot Ion:138 Resp: 344908

Ion Ratio Lower Upper

138 100

108 11.5 11.3 16.9

92 134.4 122.4 183.6

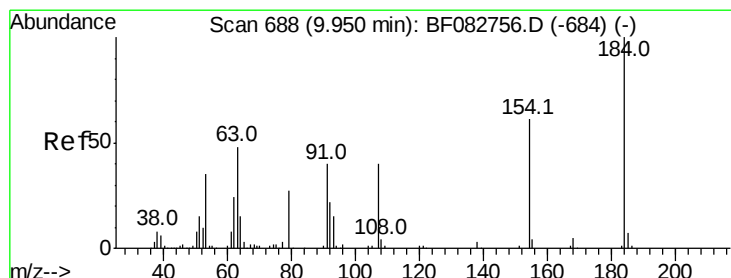
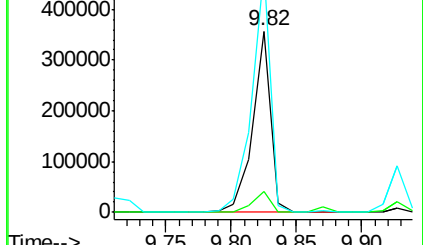
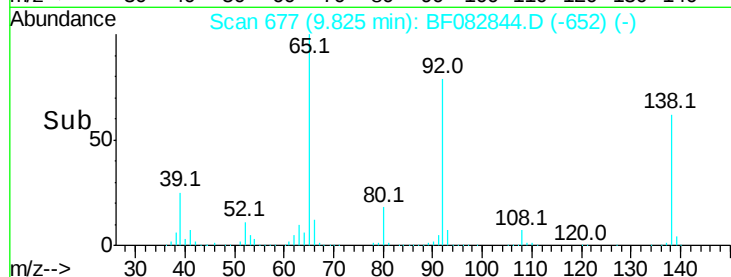


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

Time-->



#53

2,4-Dinitrophenol

Concen: 64.33 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

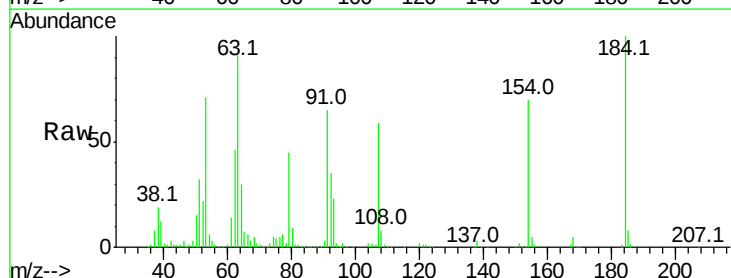
Tgt Ion:184 Resp: 269959

Ion Ratio Lower Upper

184 100

63 91.3 98.6 148.0#

154 70.5 183.9 275.9#

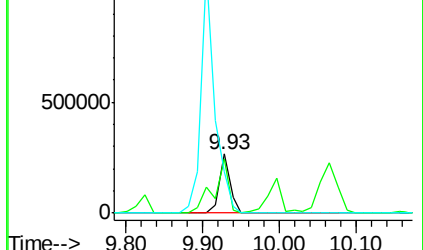
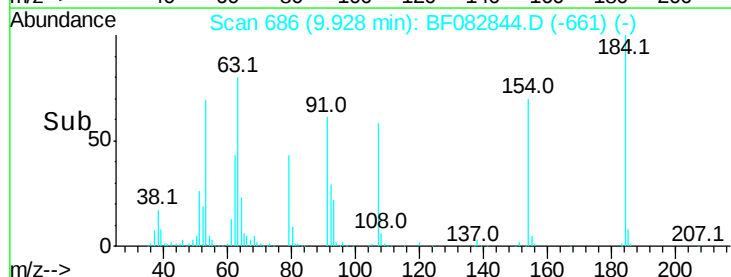


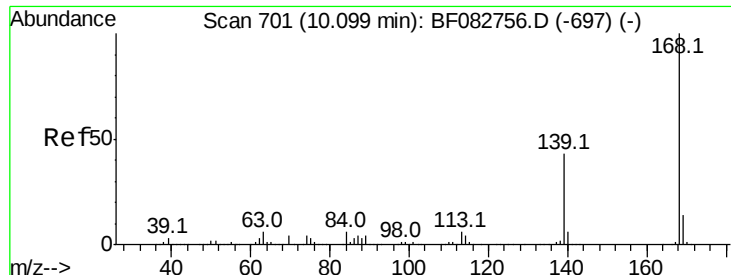
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

Time-->

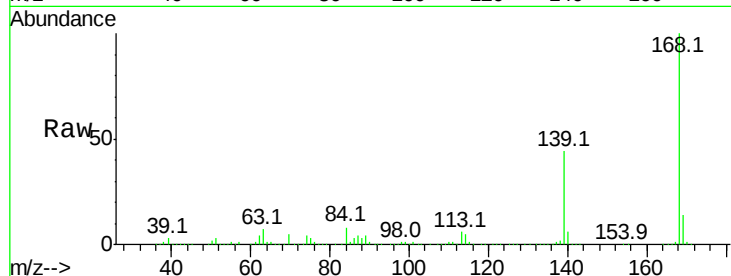




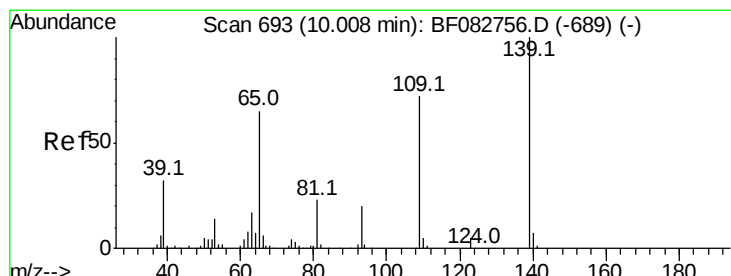
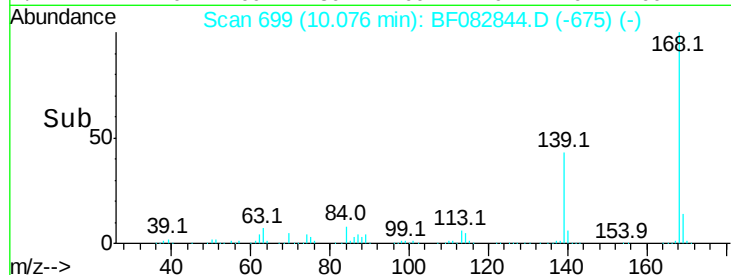
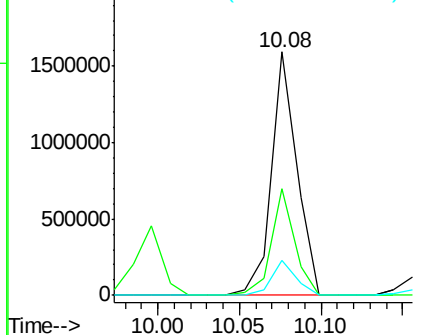
#54
Dibenzofuran
Concen: 44.16 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion:168 Resp: 1730590
Ion Ratio Lower Upper
168 100
139 43.6 37.8 56.6
169 14.4 11.3 16.9

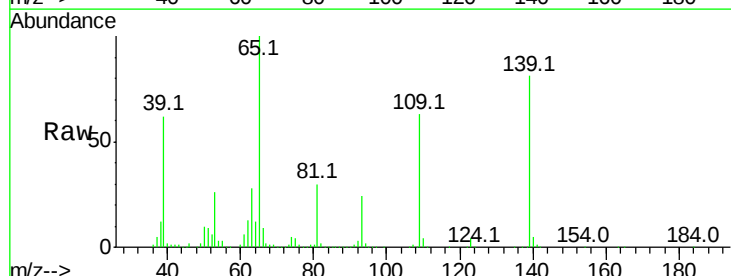


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

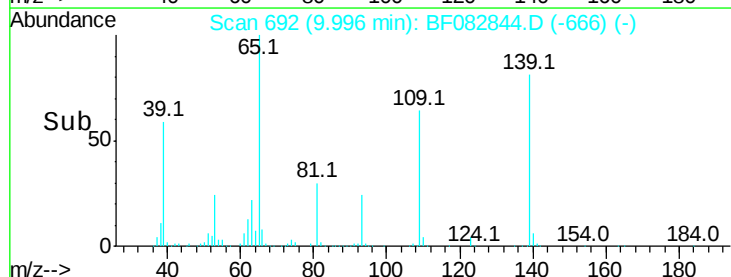
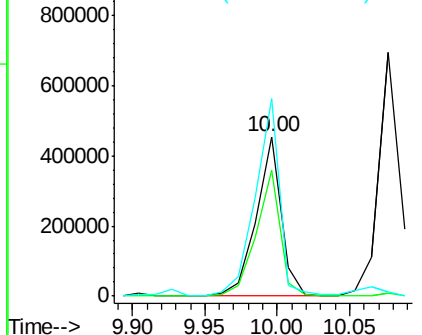


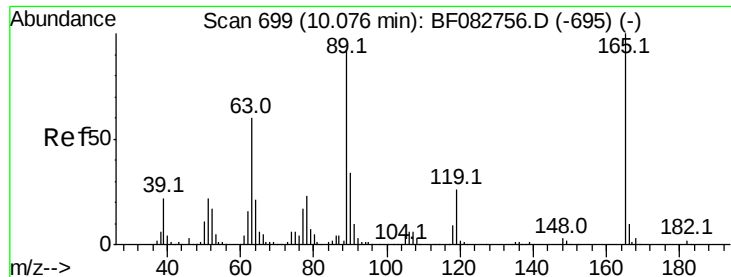
#55
4-Nitrophenol
Concen: 84.82 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion:139 Resp: 547000
Ion Ratio Lower Upper
139 100
109 78.7 73.7 113.7
65 123.9 82.9 122.9#



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

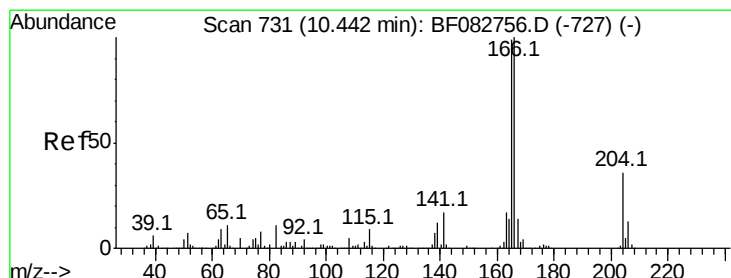
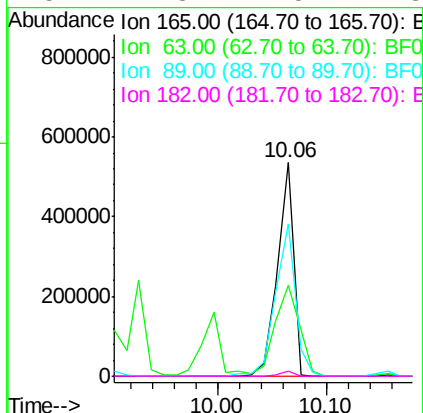
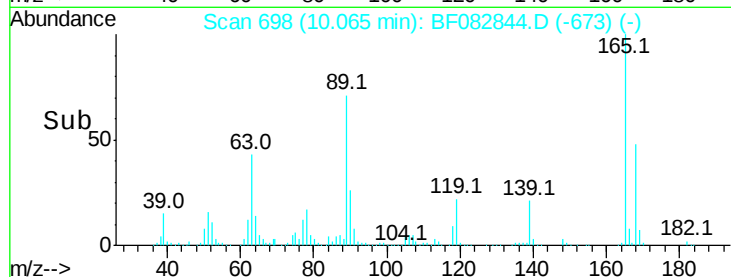
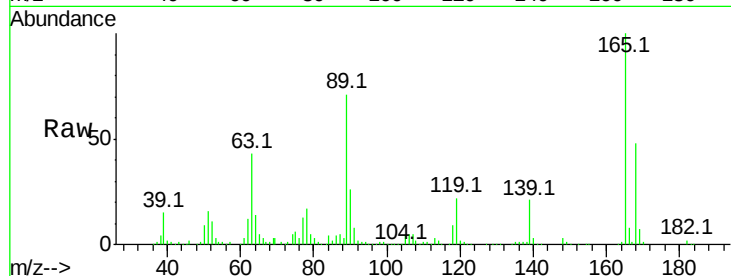




#56
2,4-Dinitrotoluene
Concen: 52.91 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

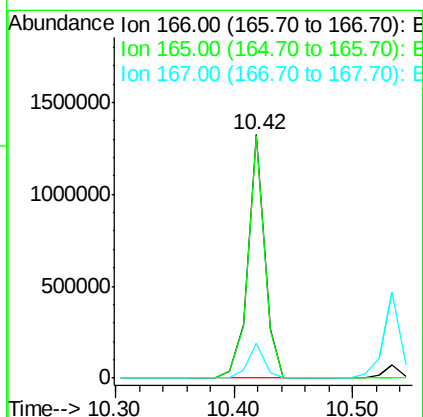
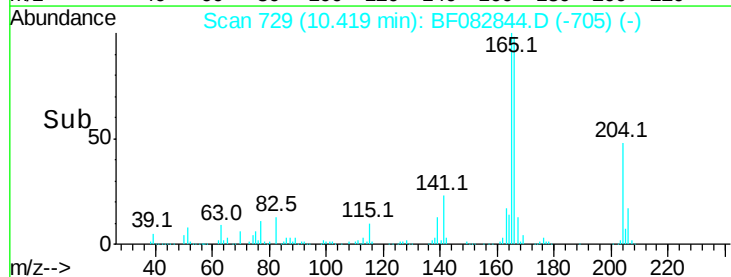
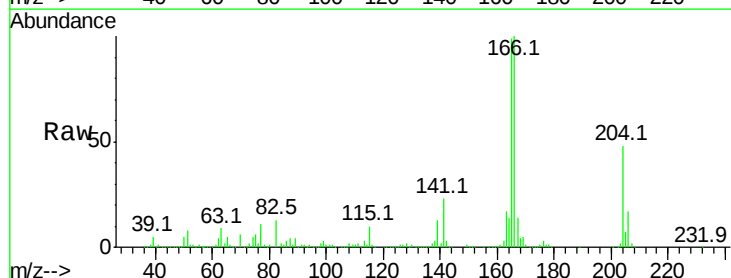
Instrument :
BNA_F
ClientSampleId :
D3MSD

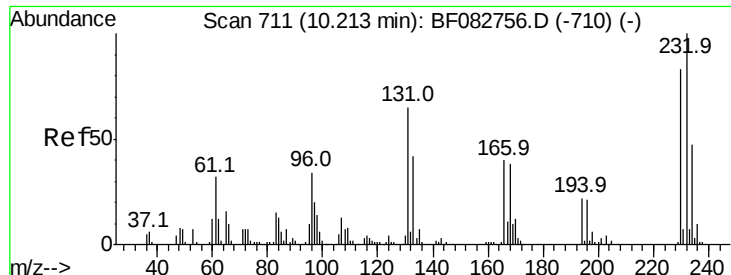
Tot Ion:165 Resp: 548686
Ion Ratio Lower Upper
165 100
63 42.8 43.4 65.0#
89 71.4 70.6 106.0
182 2.3 1.5 2.3



#57
Fluorene
Concen: 41.48 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion:166 Resp: 1316376
Ion Ratio Lower Upper
166 100
165 99.3 80.2 120.4
167 14.4 11.2 16.8

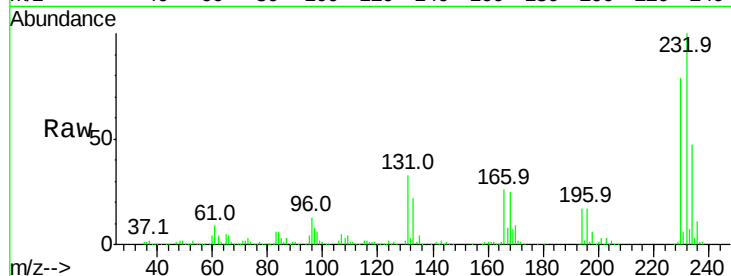




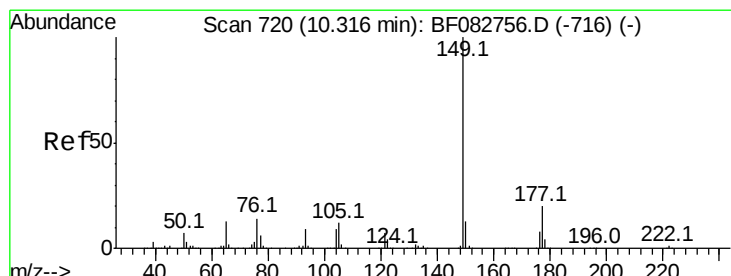
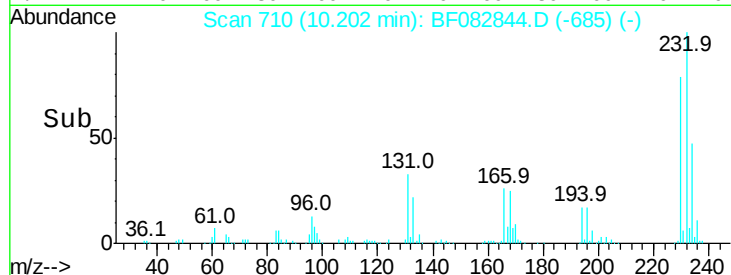
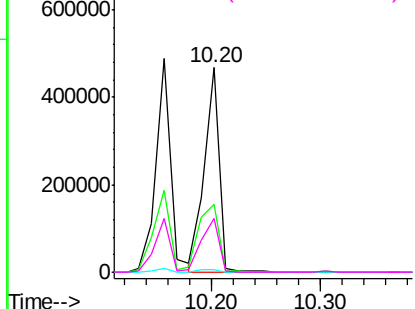
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.87 ng
 RT: 10.20 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion:232 Resp: 449033
 Ion Ratio Lower Upper
 232 100
 131 45.6 46.2 69.2#
 130 2.0 2.4 3.6#
 166 31.3 28.2 42.2

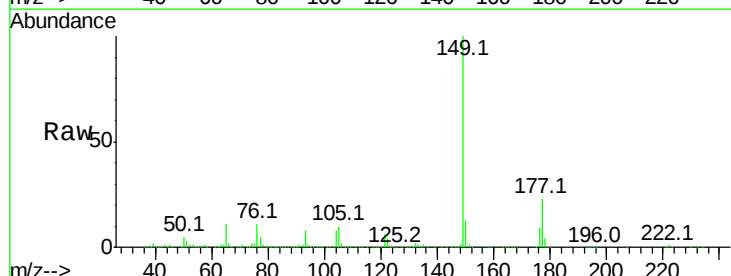


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

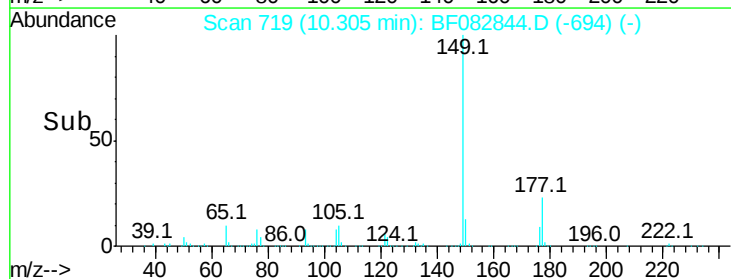
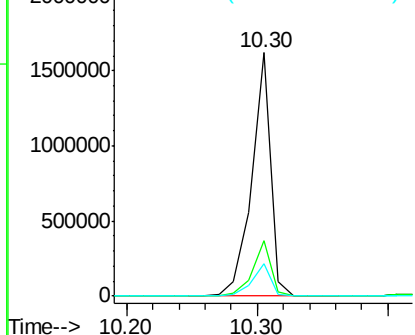


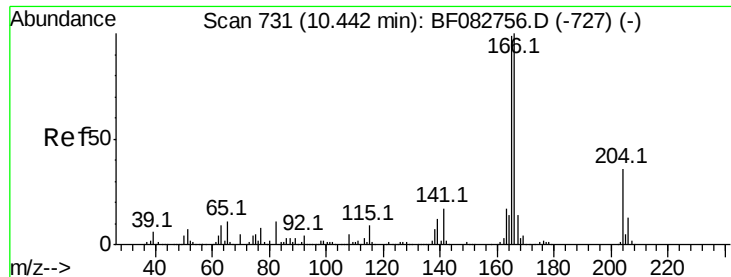
#59
 Diethylphthalate
 Concen: 46.68 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion:149 Resp: 1632466
 Ion Ratio Lower Upper
 149 100
 177 22.9 17.9 26.9
 150 13.3 10.1 15.1



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

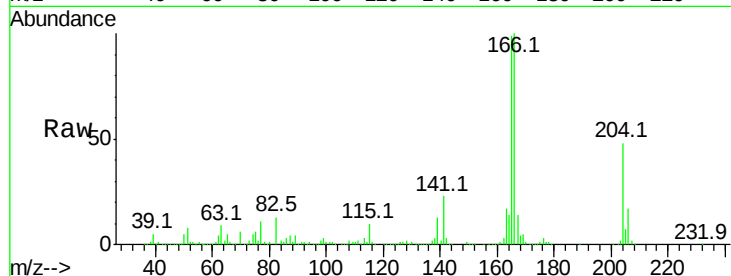




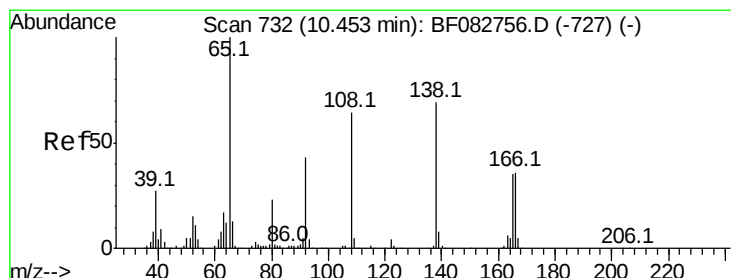
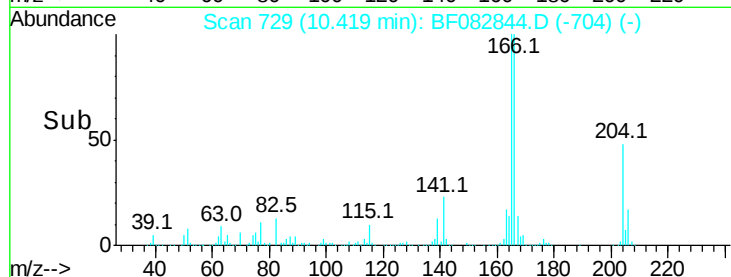
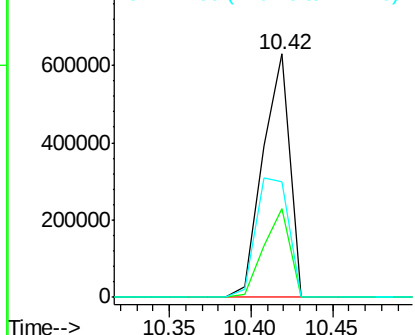
#60
4-Chlorophenyl-phenylether
Concen: 45.39 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion:204 Resp: 720780
Ion Ratio Lower Upper
204 100
206 36.2 28.5 42.7
141 47.5 44.6 66.8

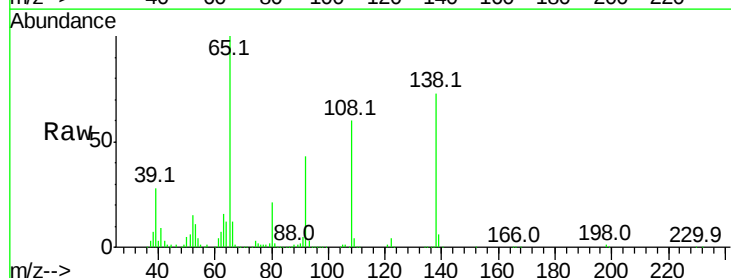


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

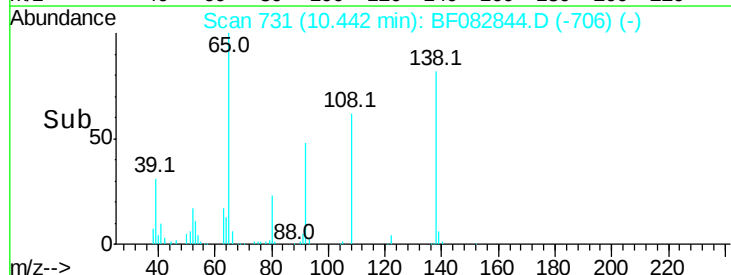
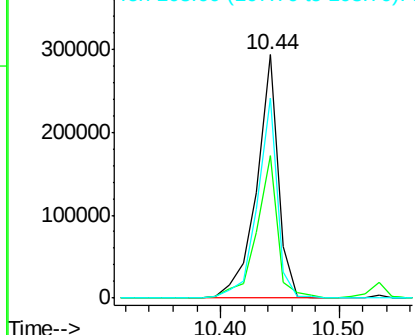


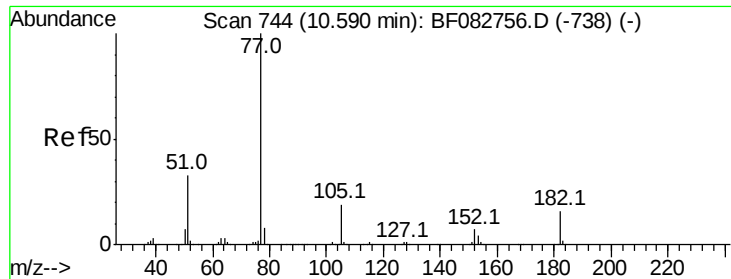
#61
4-Nitroaniline
Concen: 44.29 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion:138 Resp: 374386
Ion Ratio Lower Upper
138 100
92 58.6 45.8 85.8
108 82.0 89.4 129.4#



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: 50.48 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

Tot Ion: 77 Resp: 1896560

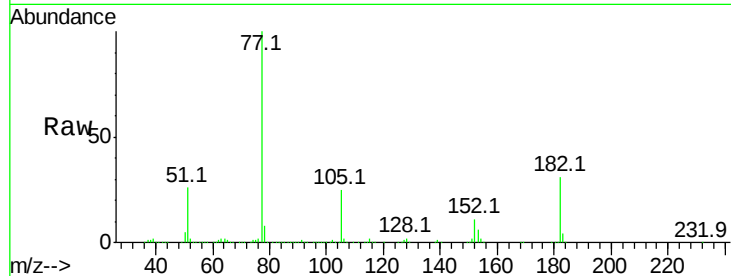
Ion Ratio Lower Upper

77 100

182 31.3 9.3 49.3

105 25.0 2.6 42.6

51 26.1 9.9 49.9

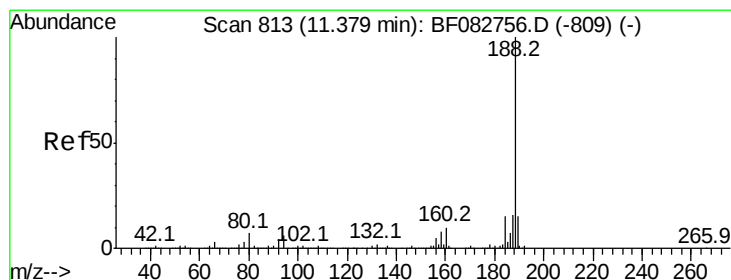
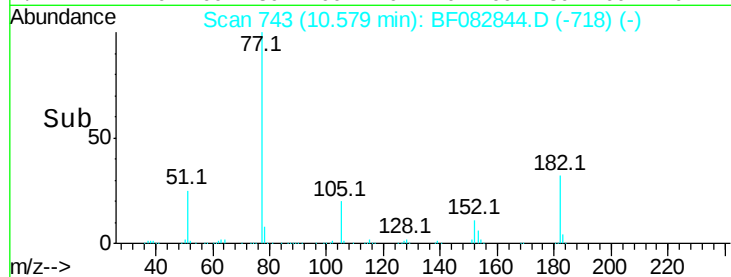
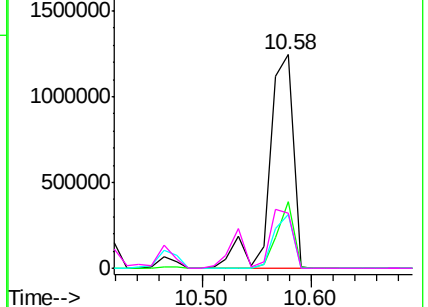


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

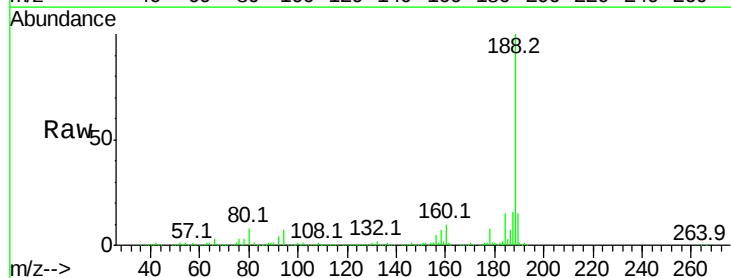
Tgt Ion: 188 Resp: 818902

Ion Ratio Lower Upper

188 100

94 7.5 6.1 9.1

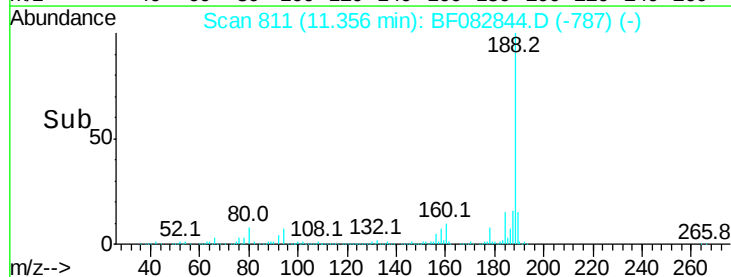
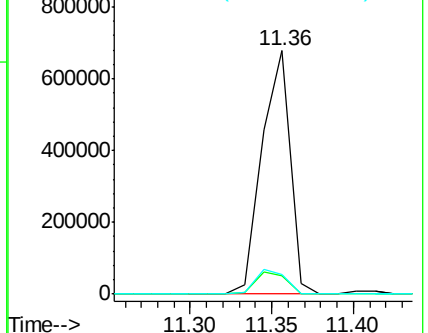
80 7.9 7.0 10.6

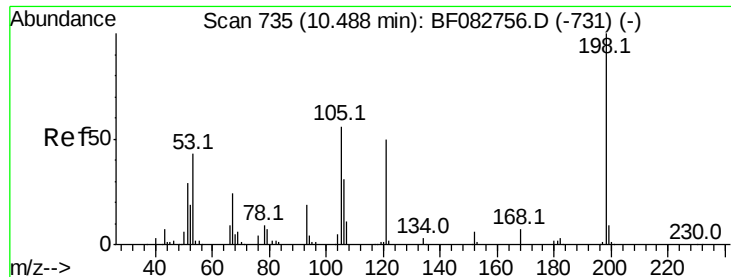


Abundance Ion 188.00 (187.70 to 188.70): E

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: 52.45 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

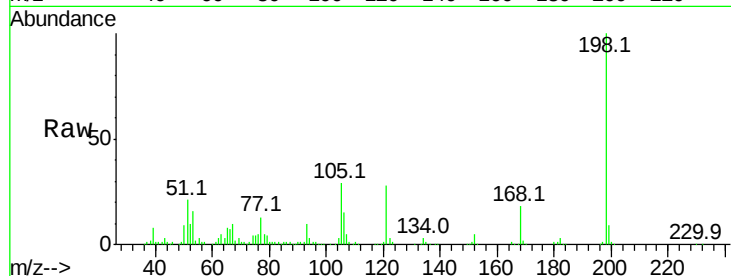
Tot Ion:198 Resp: 306010

Ion Ratio Lower Upper

198 100

51 20.8 17.3 57.3

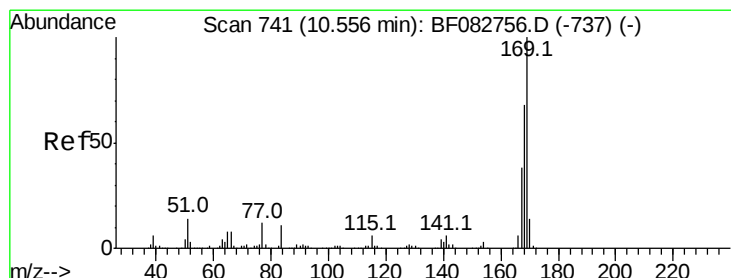
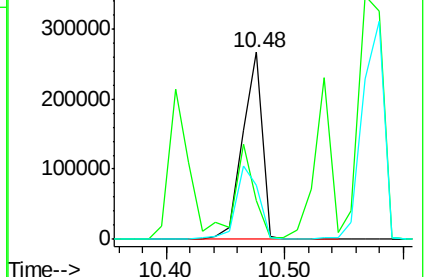
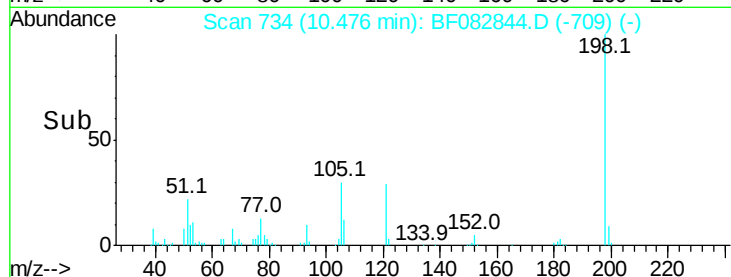
105 29.1 21.7 61.7



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: 41.22 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

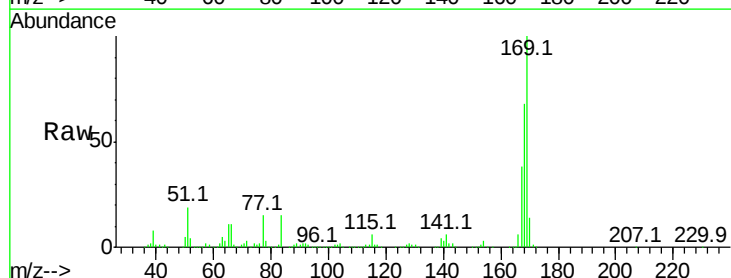
Tgt Ion:169 Resp: 1219443

Ion Ratio Lower Upper

169 100

168 68.0 55.0 82.6

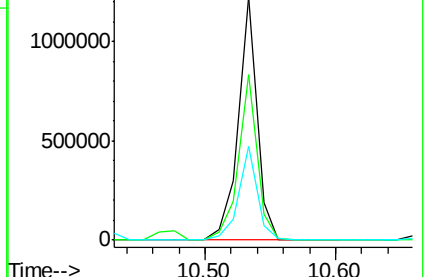
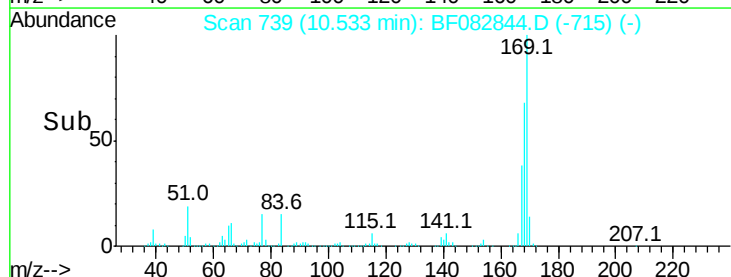
167 38.4 30.5 45.7

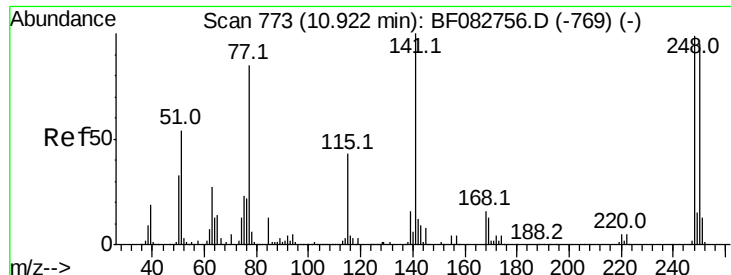


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

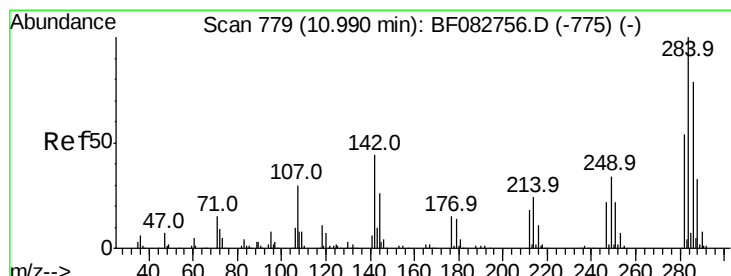
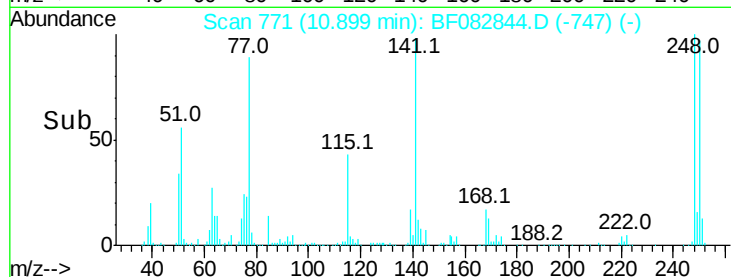
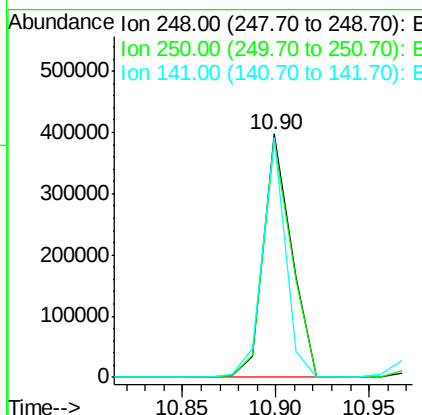
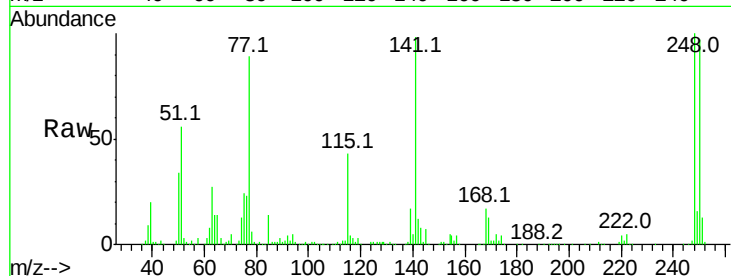




#66
 4-Bromophenyl-phenylether
 Concen: 41.63 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

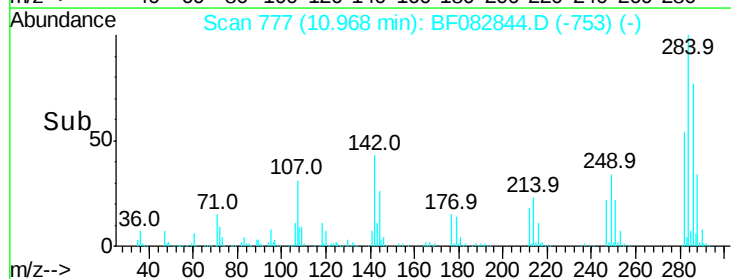
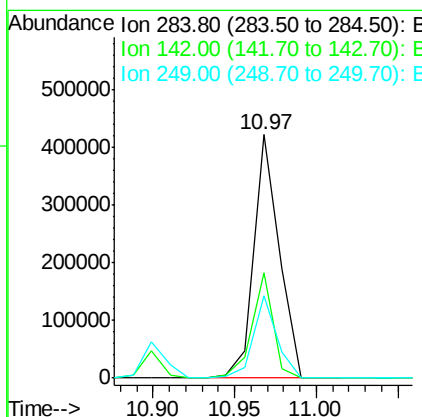
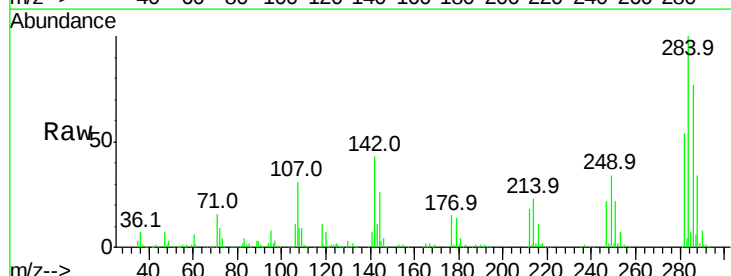
Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

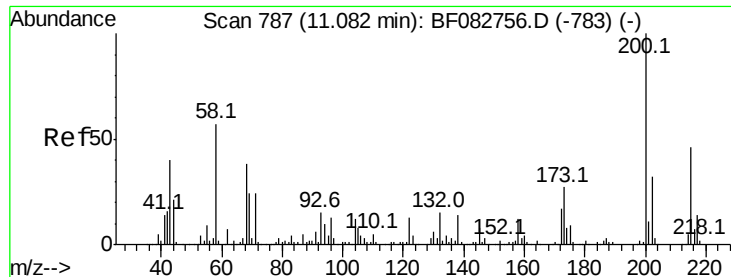
Tot Ion:248 Resp: 410532
 Ion Ratio Lower Upper
 248 100
 250 96.7 79.4 119.2
 141 98.2 36.3 54.5#



#67
 Hexachlorobenzene
 Concen: 41.41 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion:284 Resp: 455905
 Ion Ratio Lower Upper
 284 100
 142 43.4 47.9 71.9#
 249 34.0 29.7 44.5

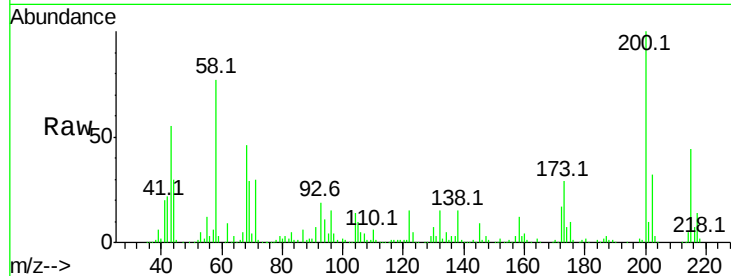




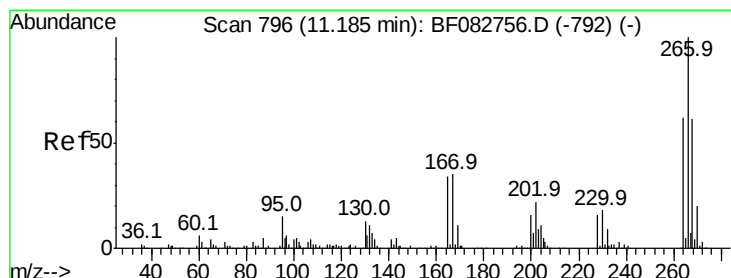
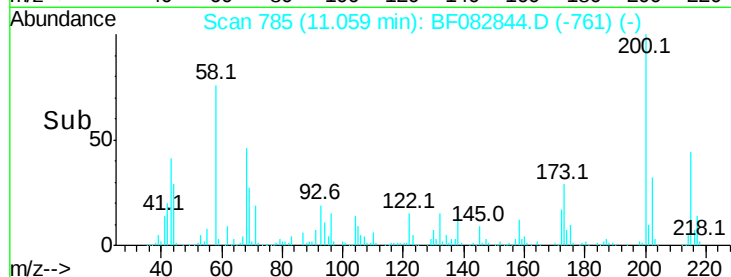
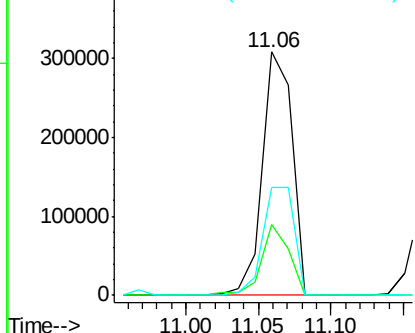
#68
Atrazine
Concen: 47.86 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion:200 Resp: 437828
Ion Ratio Lower Upper
200 100
173 29.2 6.9 46.9
215 44.3 22.9 62.9

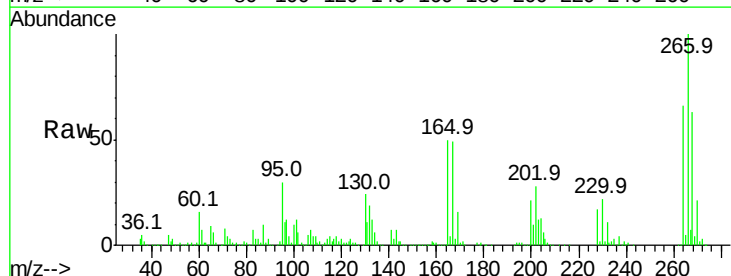


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

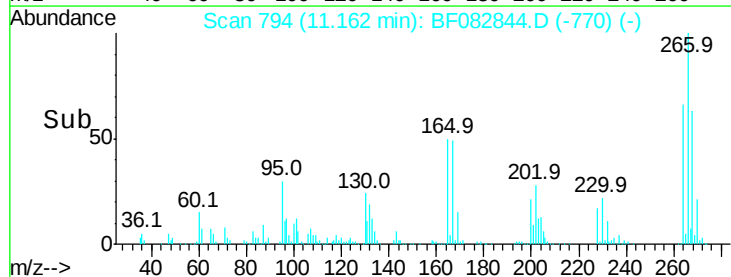
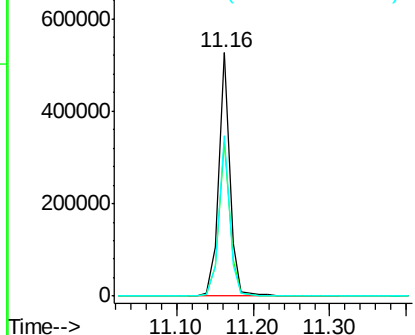


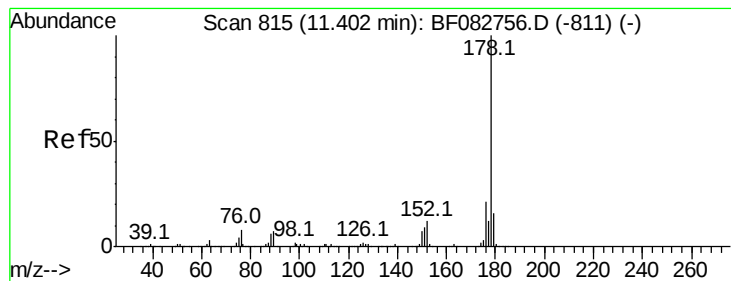
#69
Pentachlorophenol
Concen: 80.33 ng
RT: 11.16 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion:266 Resp: 537074
Ion Ratio Lower Upper
266 100
268 63.3 51.0 76.6
264 65.7 50.6 75.8



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: 43.58 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

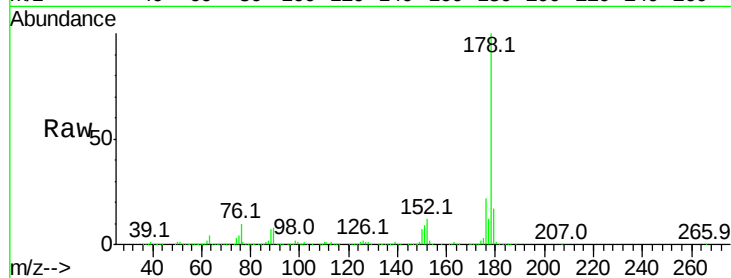
Tot Ion:178 Resp: 2072583

Ion Ratio Lower Upper

178 100

176 21.6 17.0 25.4

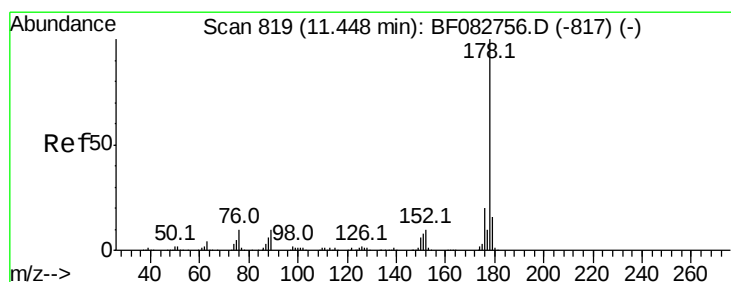
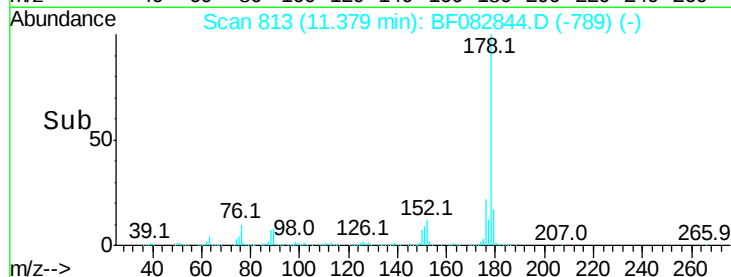
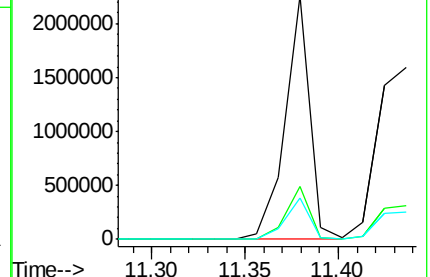
179 17.1 13.4 20.0



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



#71

Anthracene

Concen: 43.79 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

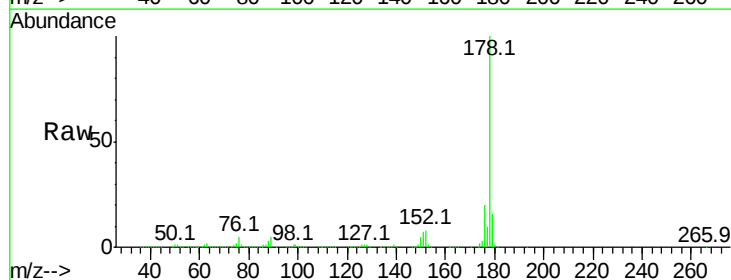
Tgt Ion:178 Resp: 2193611

Ion Ratio Lower Upper

178 100

176 19.7 16.5 24.7

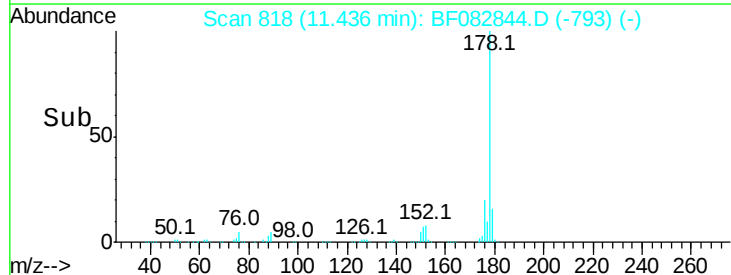
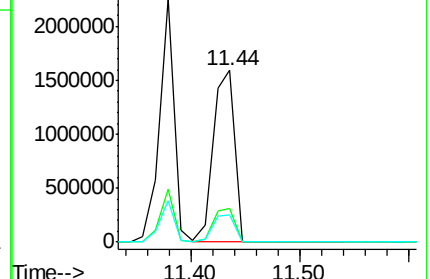
179 16.1 13.2 19.8

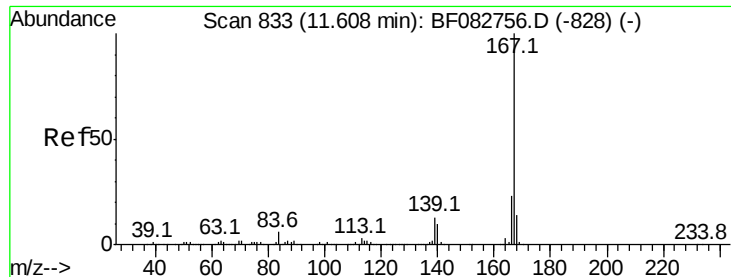


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

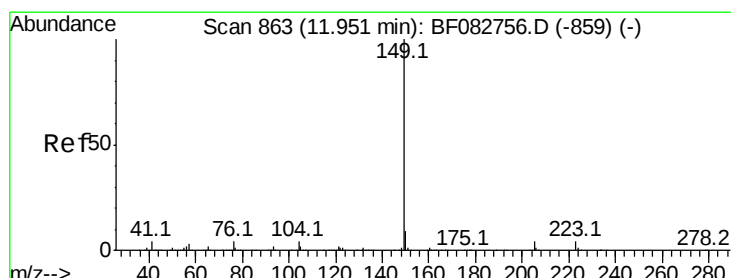
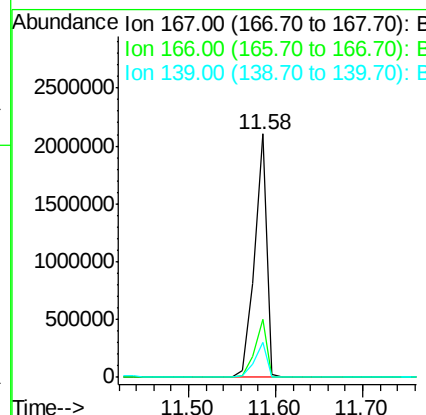
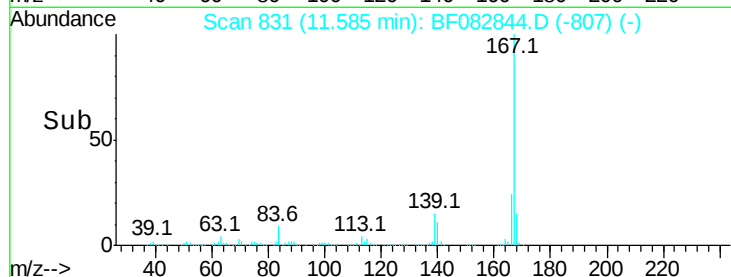
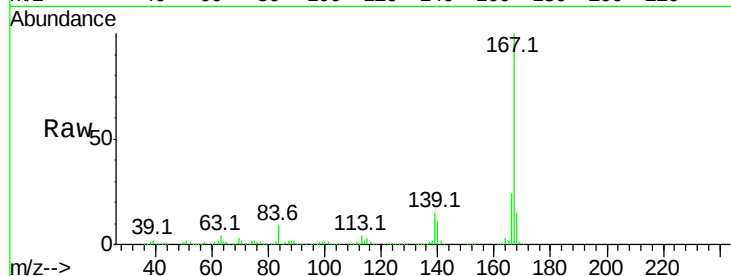




#72
 Carbazole
 Concen: 47.34 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

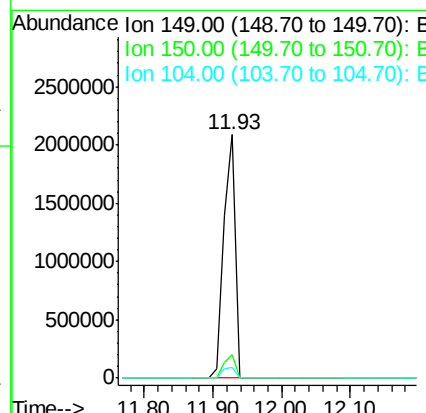
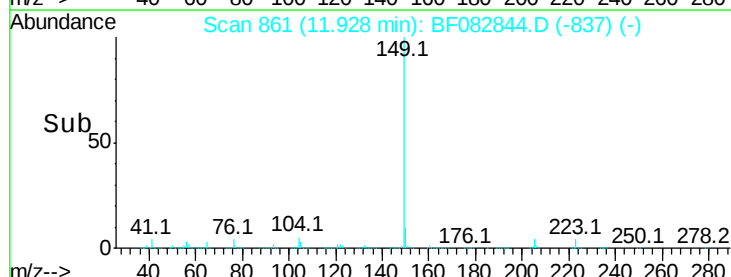
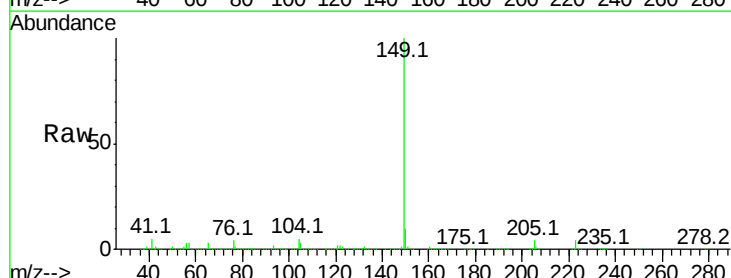
Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

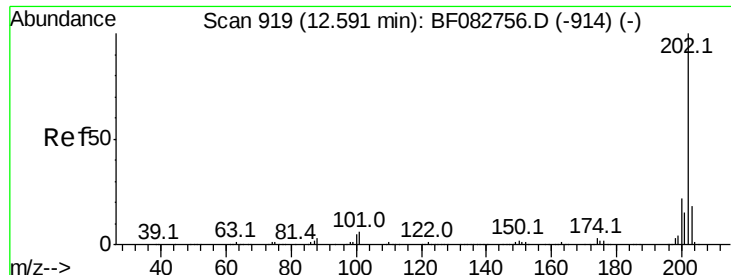
Tot Ion:167 Resp: 2075994
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.7 28.1
 139 14.5 11.8 17.6



#73
 Di-n-butylphthalate
 Concen: 44.89 ng
 RT: 11.93 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion:149 Resp: 2452746
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.1 12.1
 104 4.6 5.2 7.8#

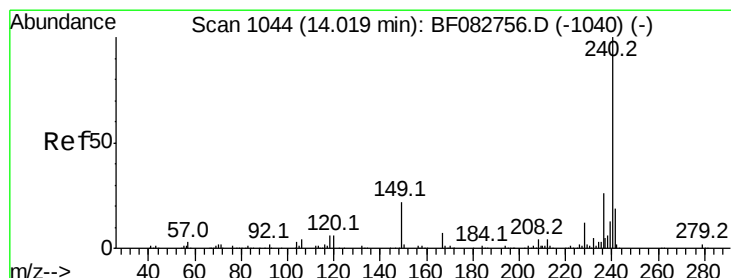
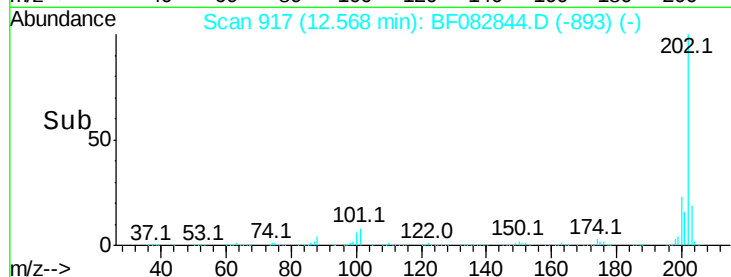
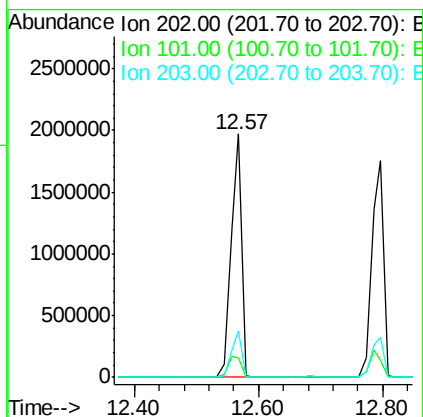
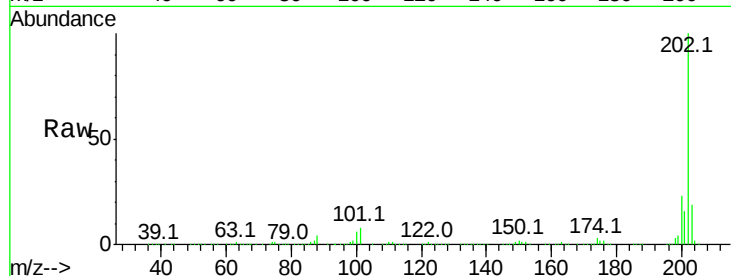




#74
 Fluoranthene
 Concen: 44.65 ng
 RT: 12.57 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

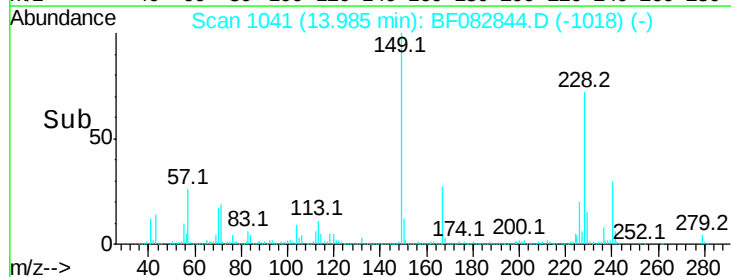
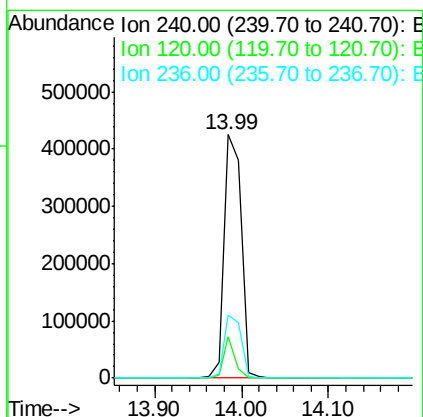
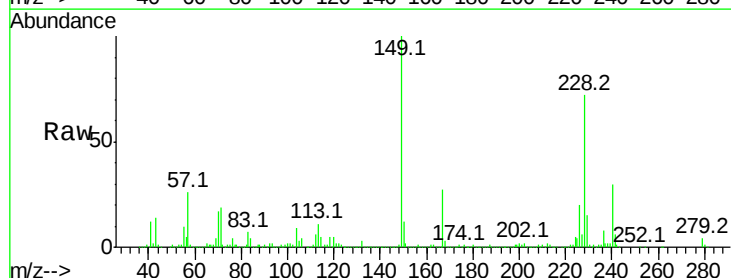
Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

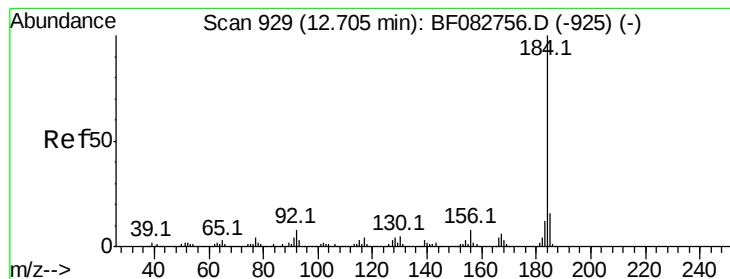
Tot Ion:202 Resp: 2278518
 Ion Ratio Lower Upper
 202 100
 101 7.9 0.0 30.5
 203 18.9 0.0 38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion:240 Resp: 584370
 Ion Ratio Lower Upper
 240 100
 120 17.0 10.9 16.3#
 236 25.9 21.6 32.4





#76

Benzidine

Concen: 58.44 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

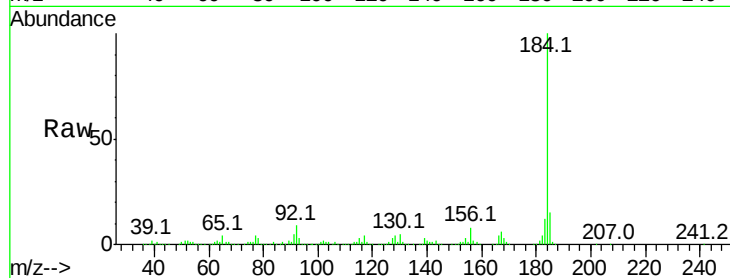
Tot Ion:184 Resp: 1144588

Ion Ratio Lower Upper

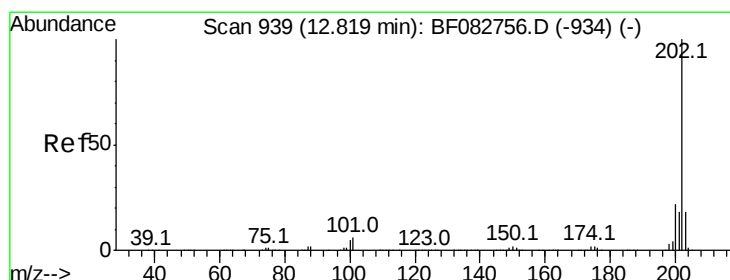
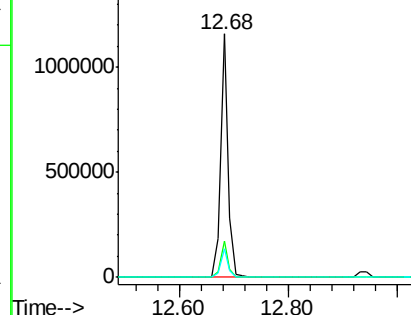
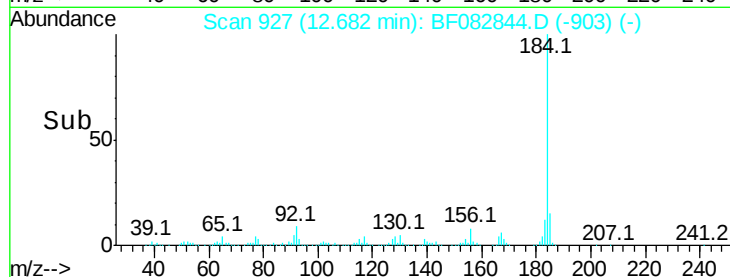
184 100

185 15.0 12.0 18.0

183 11.9 9.6 14.4



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: 56.63 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

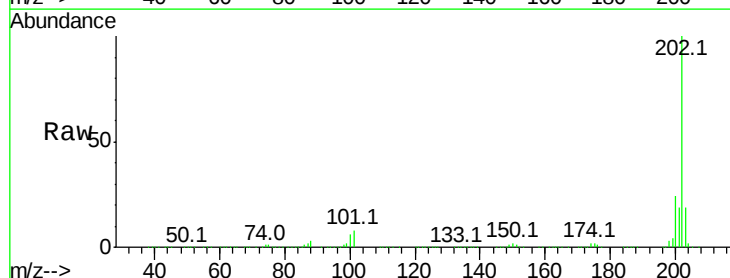
Tgt Ion:202 Resp: 2272838

Ion Ratio Lower Upper

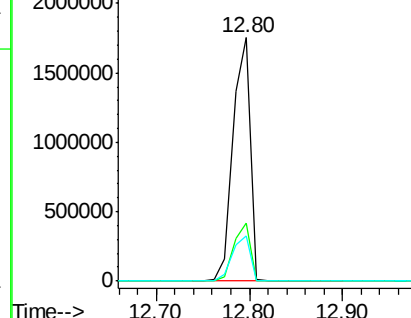
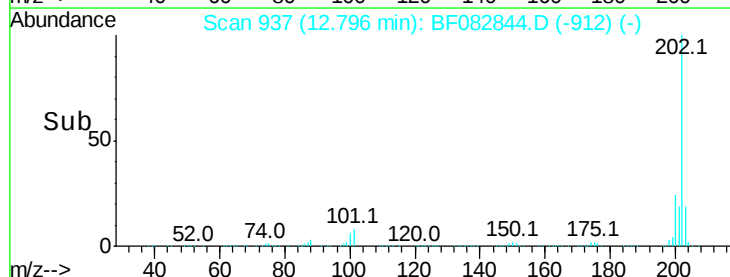
202 100

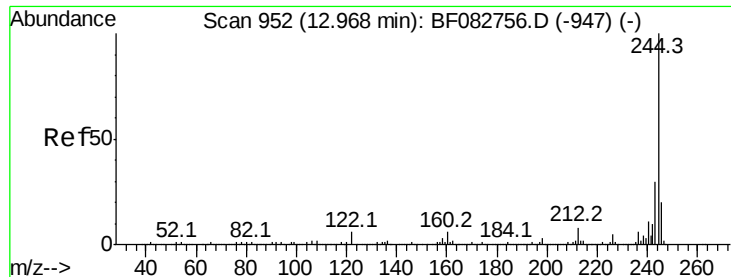
200 23.6 18.7 28.1

203 18.7 14.8 22.2



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: 102.85 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

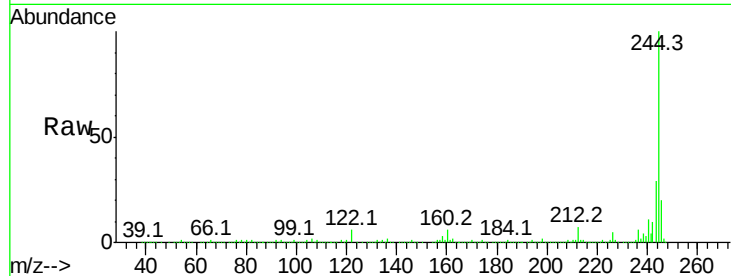
Tot Ion:244 Resp: 2534099

Ion Ratio Lower Upper

244 100

212 7.4 7.6 11.4#

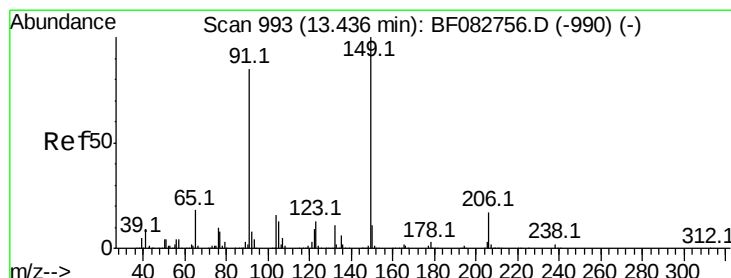
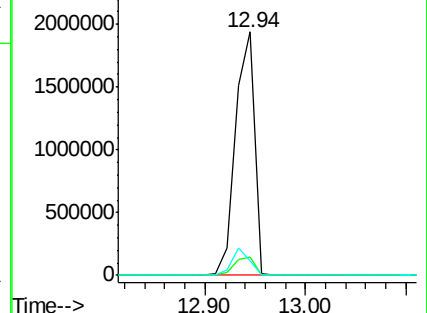
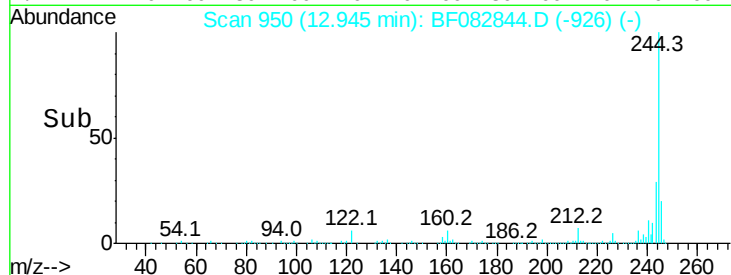
122 6.2 11.3 16.9#



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: 53.47 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

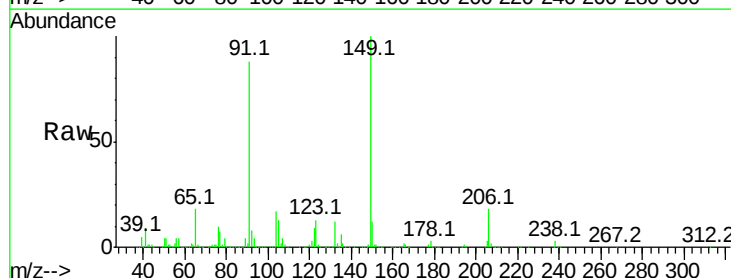
Tgt Ion:149 Resp: 948032

Ion Ratio Lower Upper

149 100

91 88.1 67.7 101.5

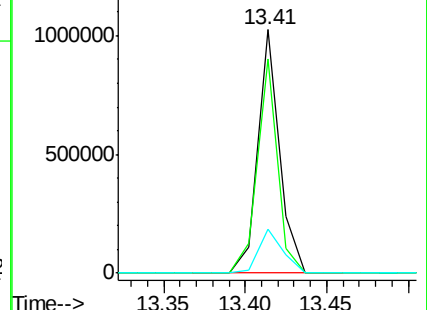
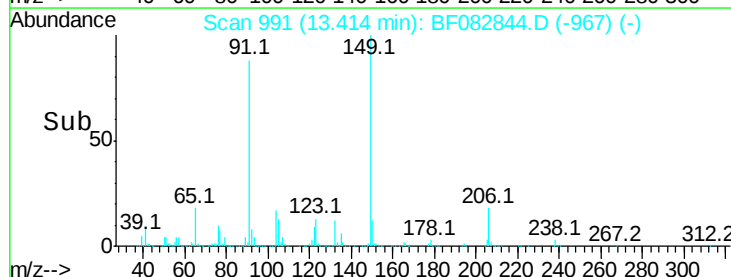
206 17.9 14.6 22.0

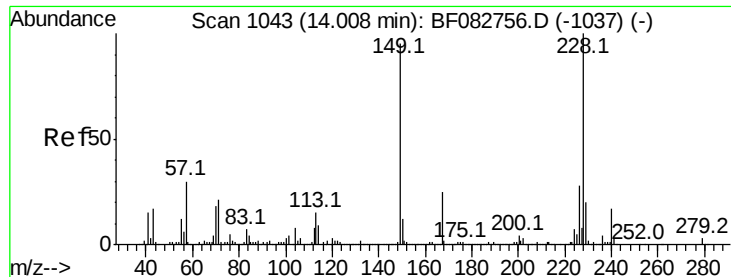


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



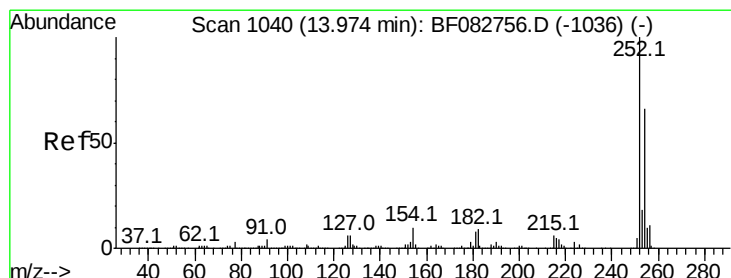
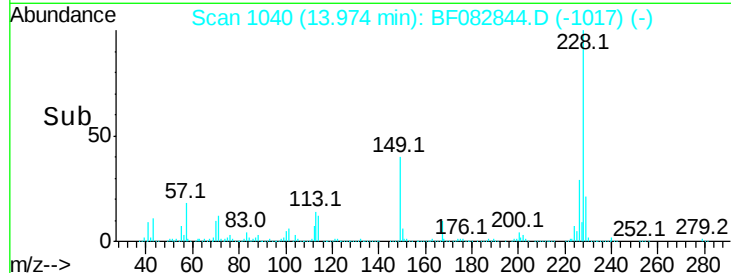
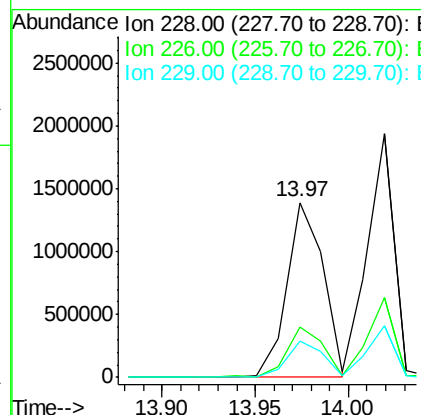
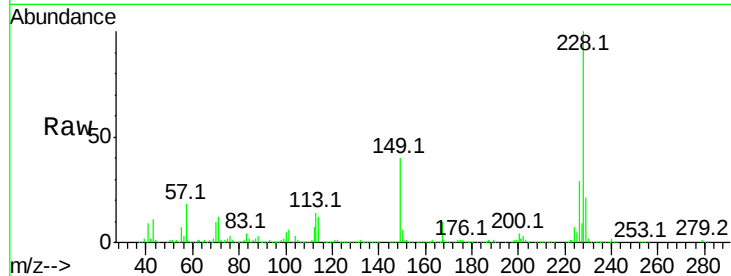


#80
 Benzo(a)anthracene
 Concen: 51.90 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Instrument :
 BNA_F
 ClientSampleId :
 D3MSD

Tot Ion:228 Resp: 1896444

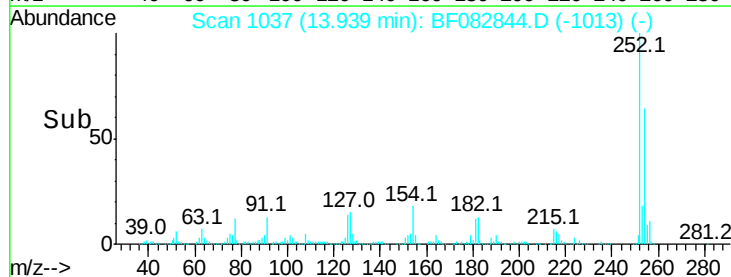
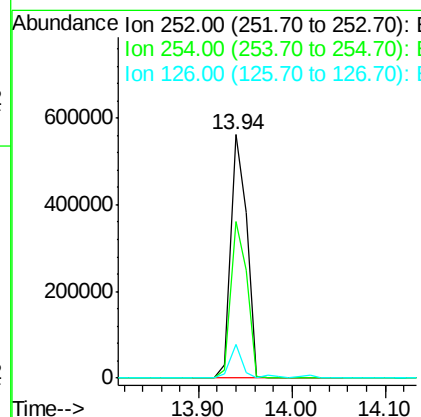
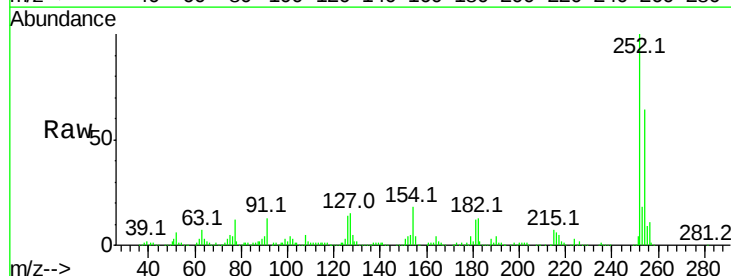
Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	20.9	16.3	24.5

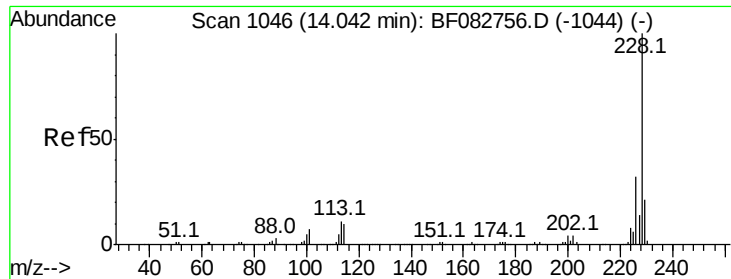


#81
 3,3'-Dichlorobenzidine
 Concen: 51.91 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082844.D
 Acq: 9 Nov 2015 22:21

Tgt Ion:252 Resp: 674411

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.0
126	13.7	10.7	16.1





#82

Chrysene

Concen: 57.44 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

Instrument :

BNA_F

ClientSampleId :

D3MSD

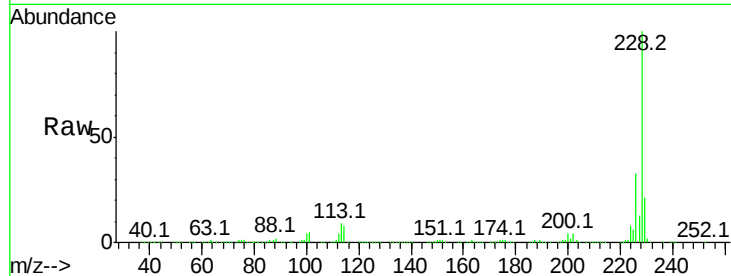
Tot Ion:228 Resp: 1922607

Ion Ratio Lower Upper

228 100

226 32.9 25.5 38.3

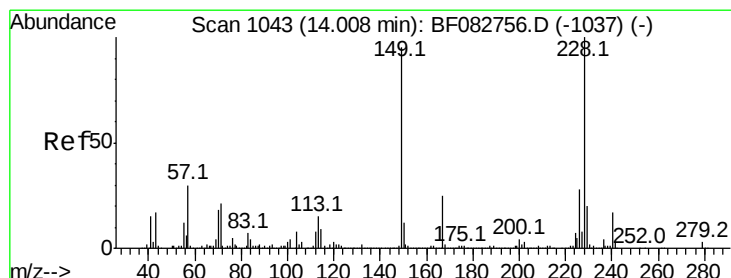
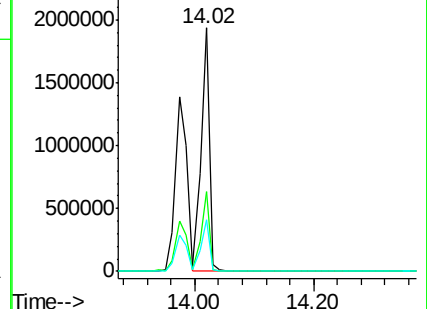
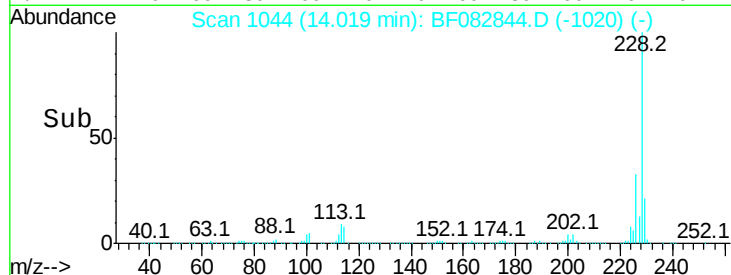
229 21.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 56.97 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF082844.D

Acq: 9 Nov 2015 22:21

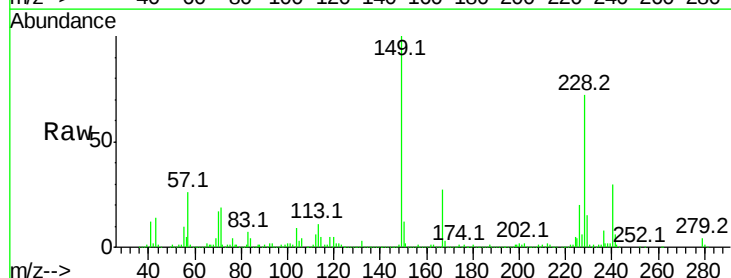
Tgt Ion:149 Resp: 1382573

Ion Ratio Lower Upper

149 100

167 27.4 21.2 31.8

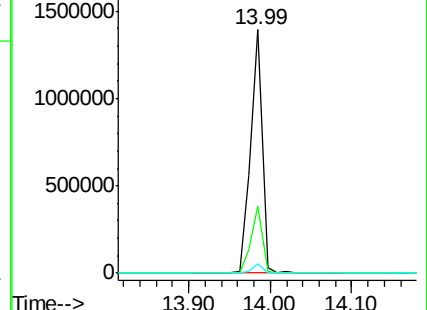
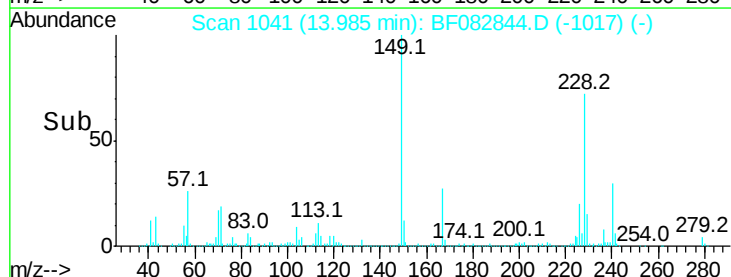
279 3.6 2.2 3.2#

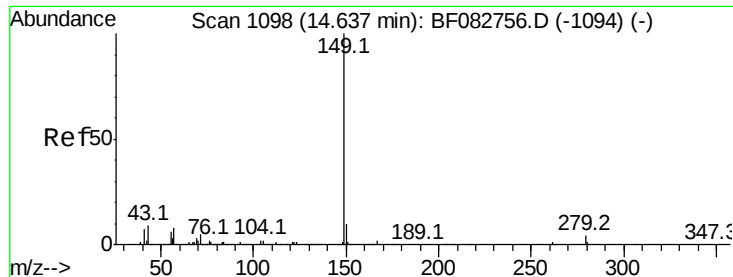


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

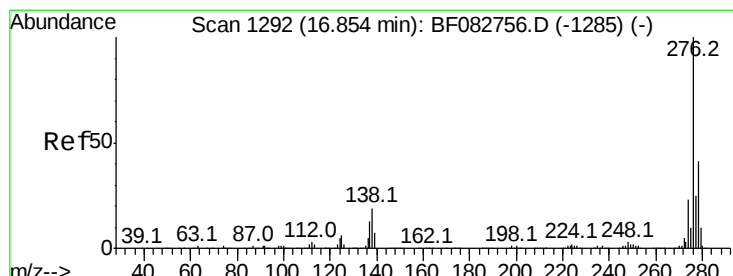
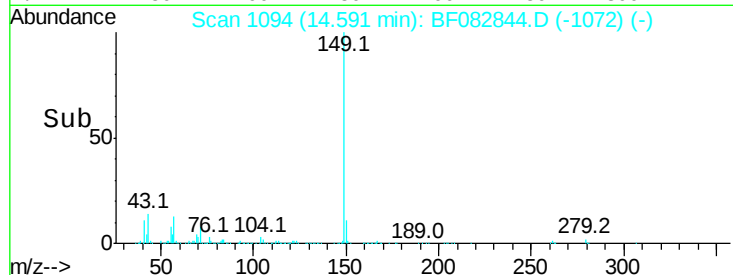
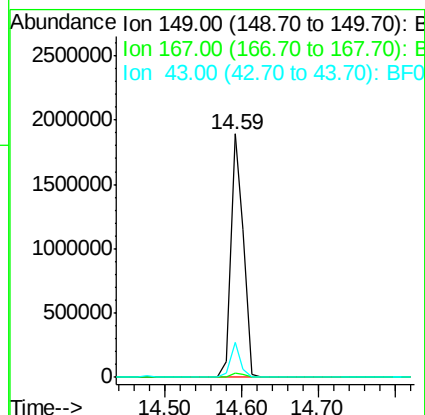
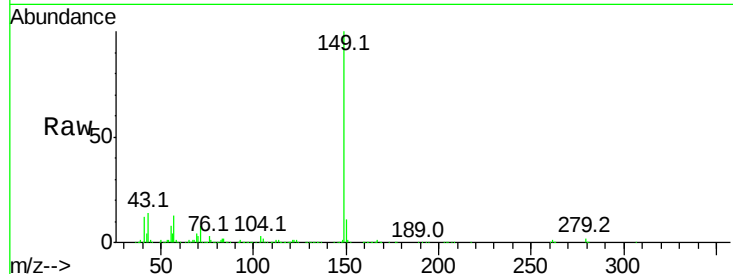




#84
Di-n-octyl phthalate
Concen: 54.27 ng
RT: 14.59 min Scan# 1094
Delta R.T. -0.05 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

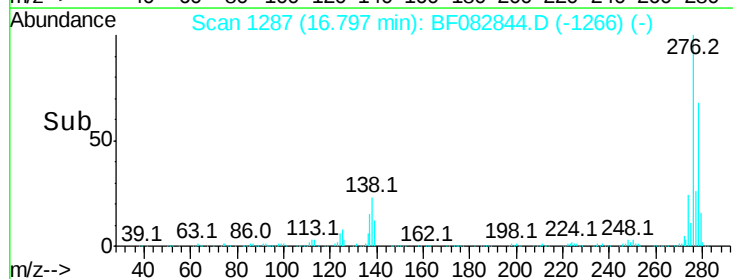
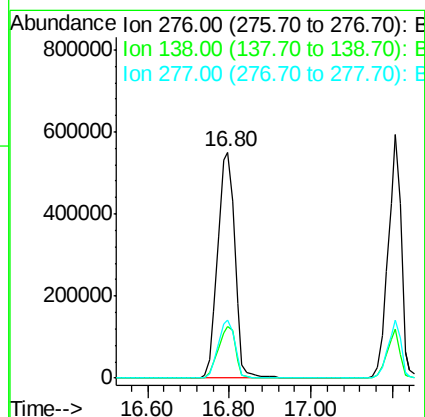
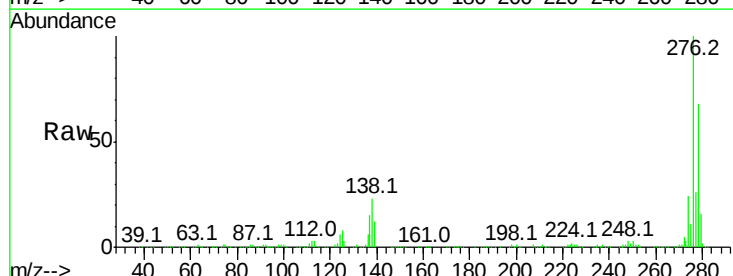
Instrument :
BNA_F
ClientSampleId :
D3MSD

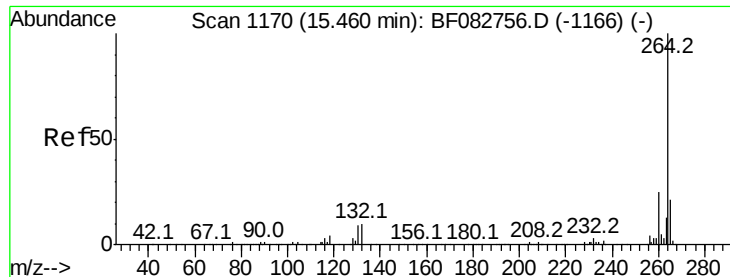
Tot Ion:149 Resp: 2196577
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.5 10.1 15.1



#85
Indeno(1,2,3-cd)pyrene
Concen: 55.99 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.06 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion:276 Resp: 1613953
Ion Ratio Lower Upper
276 100
138 22.9 15.3 22.9#
277 25.4 20.2 30.4



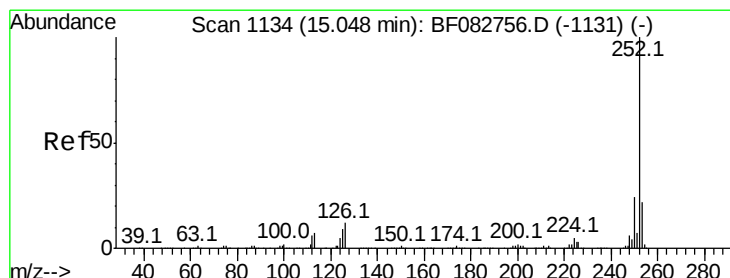
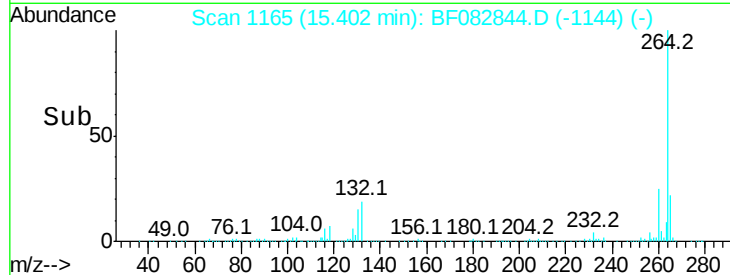
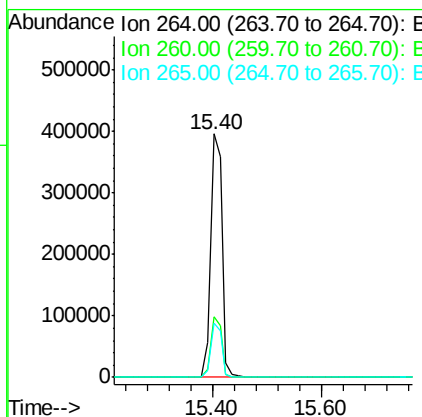
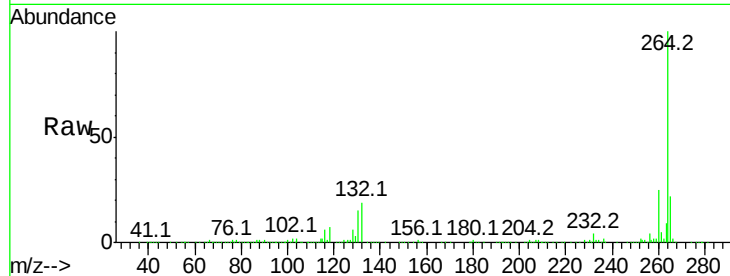


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.06 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampled :
D3MSD

Tot Ion:264 Resp: 584699

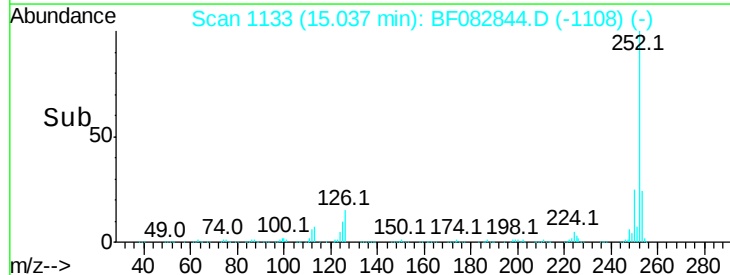
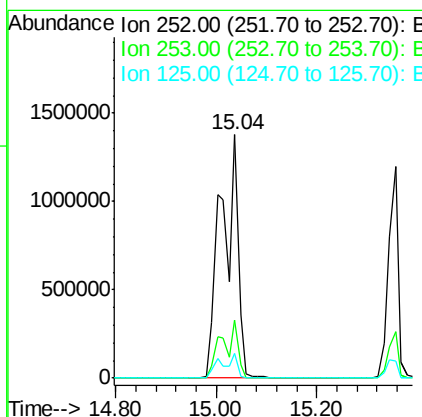
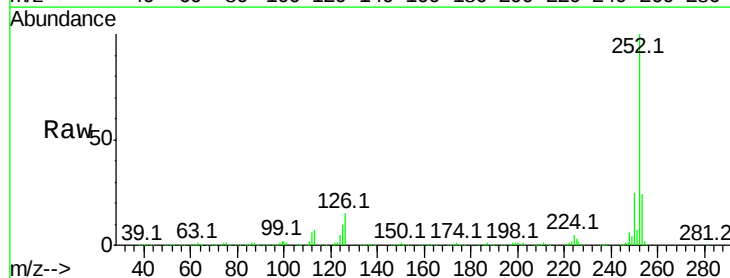
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.6
265	22.2	17.4	26.0

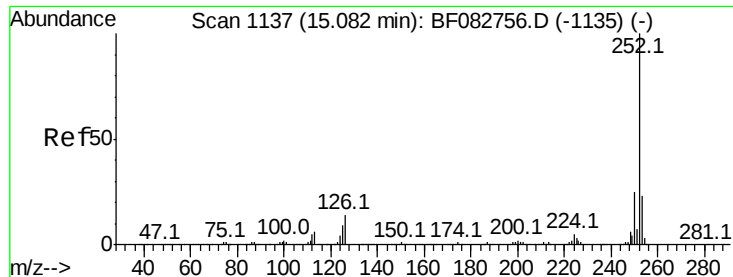


#87
Benzo(b)fluoranthene
Concen: 86.64 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion:252 Resp: 3251564

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	10.4	5.4	8.2#

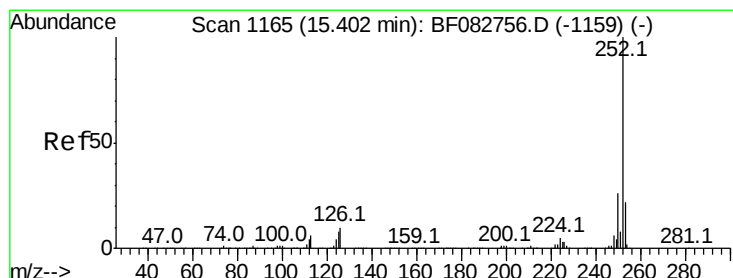
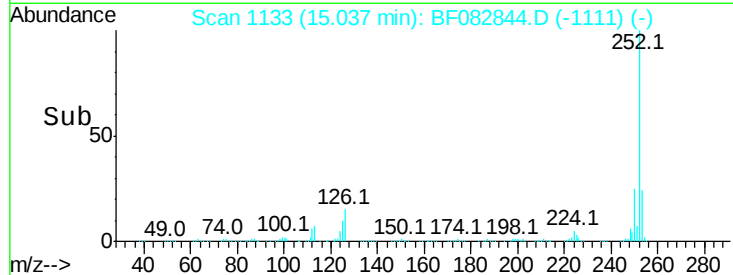
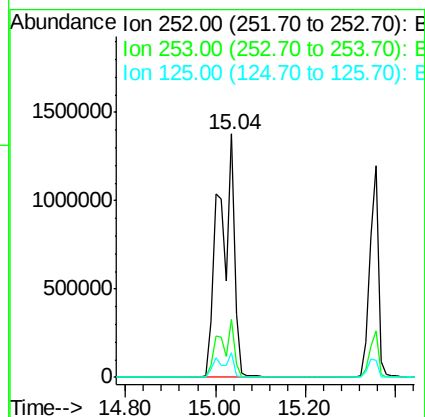
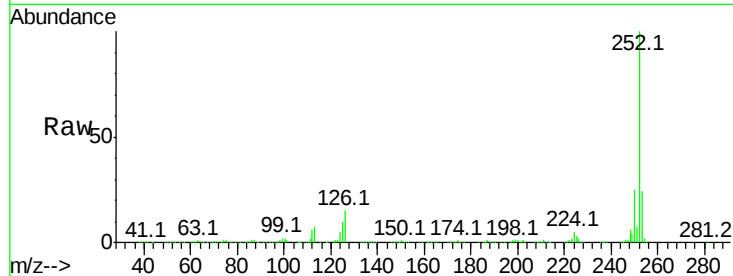




#88
Benzo(k)fluoranthene
Concen: 97.71 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.05 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

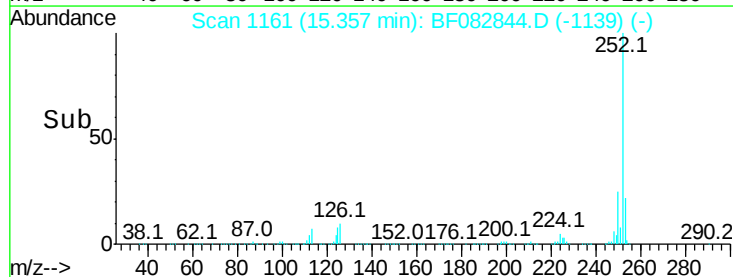
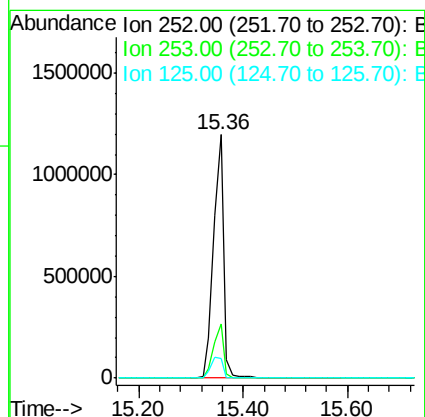
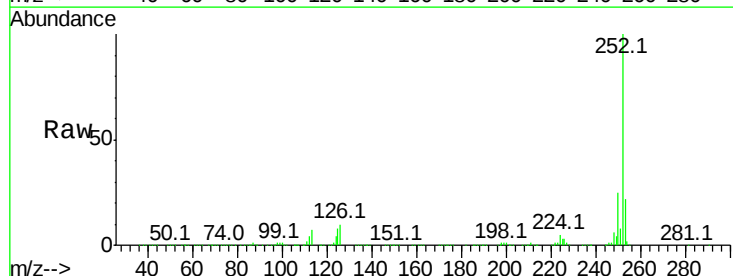
Instrument :
BNA_F
ClientSampleId :
D3MSD

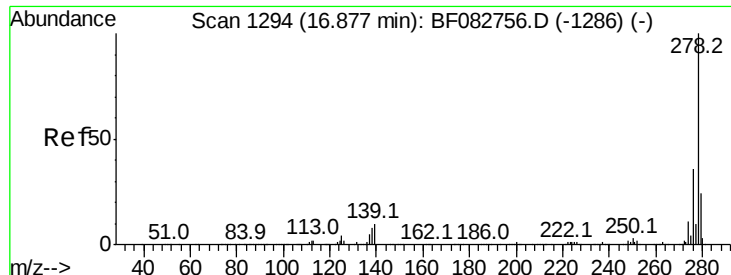
Tot Ion:252 Resp: 3253124
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 10.4 3.5 5.3#



#89
Benzo(a)pyrene
Concen: 49.51 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion:252 Resp: 1609893
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 7.9 7.1 10.7



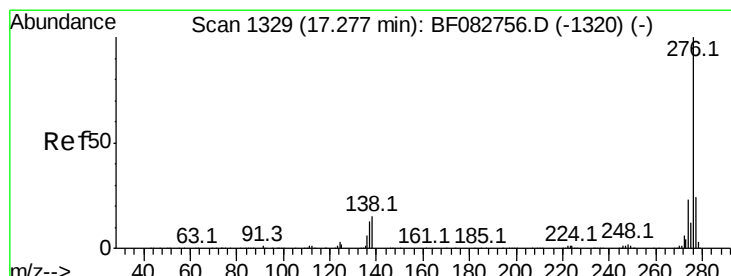
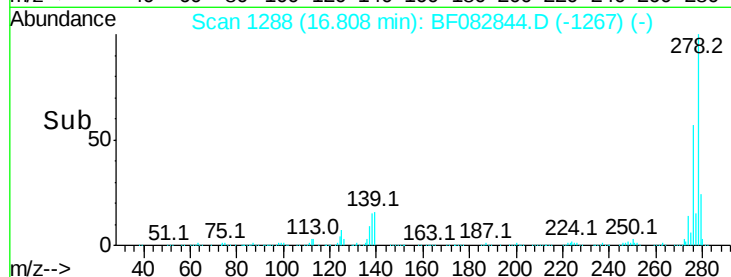
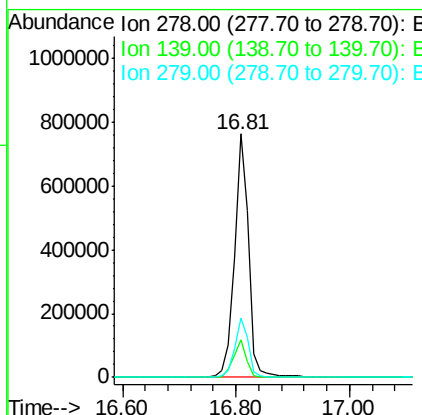
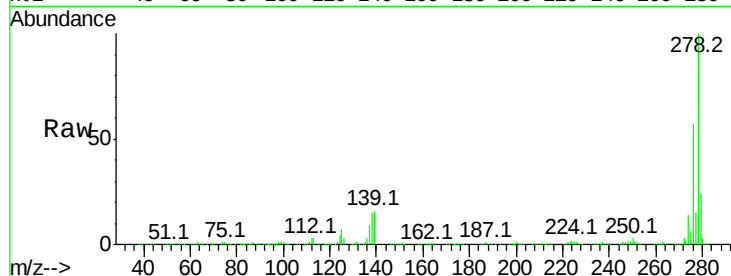


#90
Dibenzo(a,h)anthracene
Concen: 48.34 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.06 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Instrument :
BNA_F
ClientSampleId :
D3MSD

Tot Ion:278 Resp: 1331111

Ion	Ratio	Lower	Upper
278	100		
139	15.6	9.9	14.9#
279	24.5	19.6	29.4



#91
Benzo(g,h,i)perylene
Concen: 50.86 ng
RT: 17.21 min Scan# 1323
Delta R.T. -0.06 min
Lab File: BF082844.D
Acq: 9 Nov 2015 22:21

Tgt Ion:276 Resp: 1341316

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	20.2	13.1	19.7#

