

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080855.D
 Acq On : 4 Aug 2015 23:56
 Operator : TP/UM
 Sample : PB84838BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Quant Time: Aug 05 02:36:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	95430	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	364508	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	156564	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	253078	20.00	ng	0.00
75) Chrysene-d12	13.96	240	141483	20.00	ng	0.00
86) Perylene-d12	15.37	264	109181	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	438114	69.48	ng	0.01
7) Phenol-d6	6.45	99	621522	75.40	ng	0.00
23) Nitrobenzene-d5	7.39	82	415585	53.73	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	118419	78.43	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	622623	53.55	ng	0.00
78) Terphenyl-d14	12.92	244	460172	58.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	66204	21.42	ng	99
3) Pyridine	3.25	79	187029	21.95	ng	97
4) n-Nitrosodimethylamine	3.20	42	105631	24.17	ng	100
6) Aniline	6.49	93	198177	16.52	ng	97
8) 2-Chlorophenol	6.61	128	180061	25.49	ng	99
9) Benzaldehyde	6.37	77	35015	6.09	ng	94
10) Phenol	6.48	94	213574	21.78	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	200191	27.34	ng	100
12) 1,3-Dichlorobenzene	6.76	146	178557	23.59	ng	99
13) 1,4-Dichlorobenzene	6.84	146	186453	24.54	ng	99
14) 1,2-Dichlorobenzene	6.84	146	186453	26.01	ng	97
15) Benzyl Alcohol	6.97	79	138453	25.72	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	366534	25.86	ng	99
17) 2-Methylphenol	7.08	107	157100	25.39	ng	98
18) Hexachloroethane	7.33	117	71649	24.82	ng	# 76
19) n-Nitroso-di-n-propylamine	7.24	70	136598	25.65	ng	98
20) 3+4-Methylphenols	7.23	107	173648	24.21	ng	94
22) Acetophenone	7.23	105	245398	27.57	ng	# 79
24) Nitrobenzene	7.40	77	193732	24.15	ng	# 86
25) Isophorone	7.65	82	369789	26.98	ng	99
26) 2-Nitrophenol	7.72	139	88750	26.97	ng	96
27) 2,4-Dimethylphenol	7.77	122	185106	30.21	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	213867	25.38	ng	100
29) 2,4-Dichlorophenol	7.96	162	131658	26.03	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	151387	26.30	ng	98
31) Naphthalene	8.13	128	523633	26.37	ng	100
32) Benzoic acid	7.87	122	97512	24.83	ng	99
33) 4-Chloroaniline	8.18	127	89451	11.52	ng	94
34) Hexachlorobutadiene	8.25	225	82766	25.23	ng	99
35) Caprolactam	8.53	113	38878	26.92	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	149816	27.00	ng	96
37) 2-Methylnaphthalene	8.82	142	323351	27.18	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	130420	24.41	ng	98
40) Hexachlorocyclopentadiene	8.98	237	184593	57.53	ng	96

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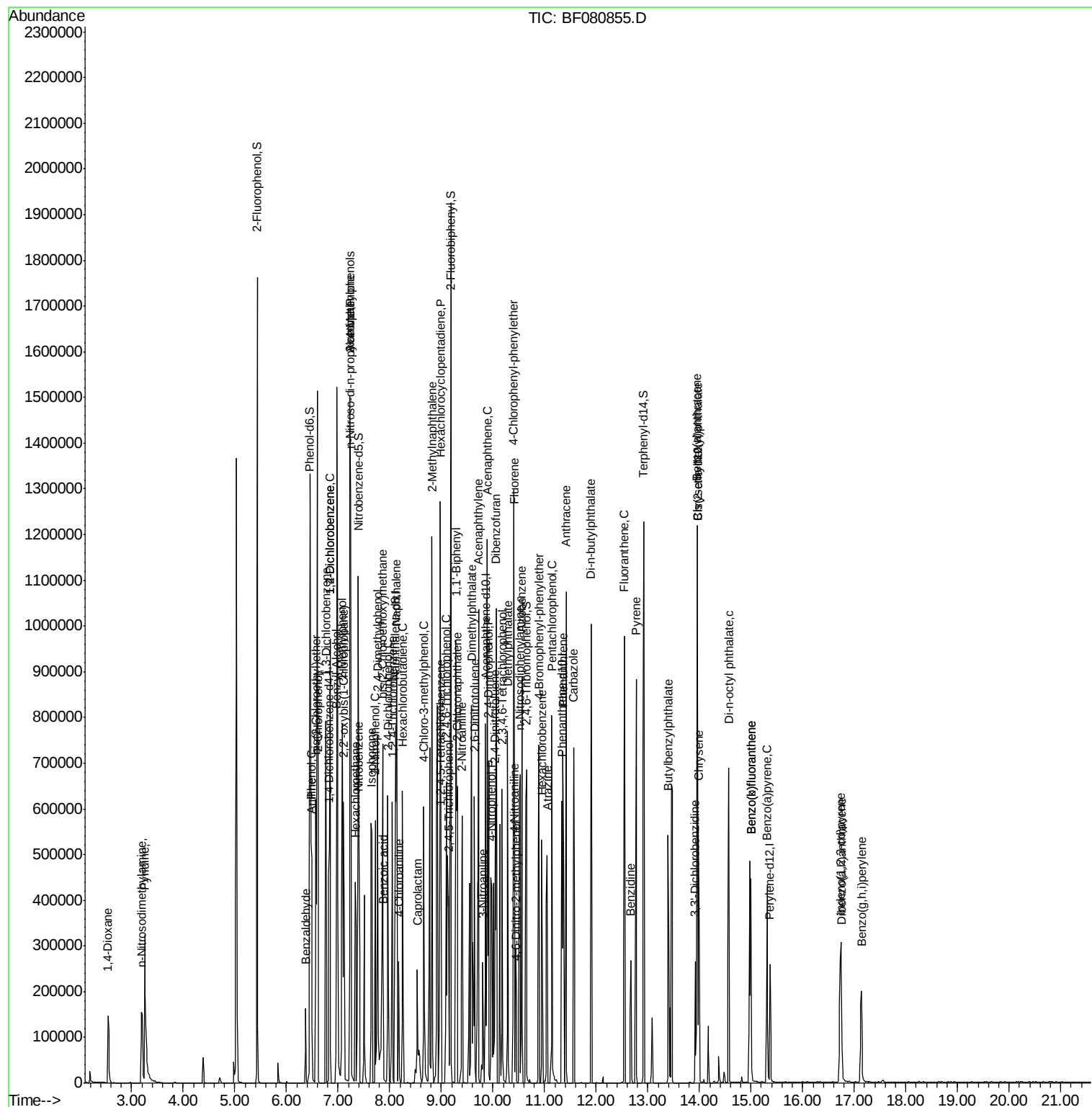
42) 2,4,6-Trichlorophenol	9.09	196	87232	24.09	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	95019	26.16	nq	# 81
45) 1,1'-Biphenyl	9.29	154	376006	26.05	nq	99
46) 2-Chloronaphthalene	9.31	162	284546	25.35	nq	98
47) 2-Nitroaniline	9.40	65	113323	27.73	nq	95
48) Acenaphthylene	9.72	152	488991	26.47	nq	100
49) Dimethylphthalate	9.58	163	302034	26.45	nq	100
50) 2,6-Dinitrotoluene	9.64	165	62754	26.28	nq	98
51) Acenaphthene	9.89	154	329486	29.67	nq	99
52) 3-Nitroaniline	9.80	138	41675	14.13	nq	# 59
53) 2,4-Dinitrophenol	9.92	184	82415	54.79	nq	# 67
54) Dibenzofuran	10.06	168	418509	28.26	nq	100
55) 4-Nitrophenol	9.97	139	116097	55.95	nq	# 73
56) 2,4-Dinitrotoluene	10.04	165	77977	25.86	nq	93
57) Fluorene	10.41	166	297978	26.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	75818	29.09	nq	98
59) Diethylphthalate	10.28	149	298984	26.45	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	126361	26.44	nq	100
61) 4-Nitroaniline	10.42	138	65443	24.86	nq	96
62) Azobenzene	10.56	77	360191	27.24	nq	99
64) 4,6-Dinitro-2-methylphenol	10.45	198	44252	27.18	nq	92
65) n-Nitrosodiphenylamine	10.52	169	255354	26.34	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	80734	28.82	nq	97
67) Hexachlorobenzene	10.94	284	81732	26.72	nq	98
68) Atrazine	11.05	200	76467	30.30	nq	97
69) Pentachlorophenol	11.14	266	87620	52.56	nq	99
70) Phenanthrene	11.36	178	358930	24.55	nq	99
71) Anthracene	11.41	178	399722	28.13	nq	100
72) Carbazole	11.56	167	330067	24.63	nq	99
73) Di-n-butylphthalate	11.90	149	451667	28.46	nq	100
74) Fluoranthene	12.54	202	395582	27.78	nq	100
76) Benzidine	12.67	184	123759	18.07	nq	100
77) Pyrene	12.77	202	400385	31.55	nq	99
79) Butylbenzylphthalate	13.39	149	156474	30.14	nq	99
80) Benzo(a)anthracene	13.95	228	271490	28.69	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	52890	15.04	nq	98
82) Chrysene	13.99	228	251825	26.11	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	206710	29.82	nq	99
84) Di-n-octyl phthalate	14.57	149	340065	29.19	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	199711	25.22	nq	99
87) Benzo(b)fluoranthene	15.00	252	450611	55.17	nq	# 96
88) Benzo(k)fluoranthene	15.00	252	450611	71.68	nq	98
89) Benzo(a)pyrene	15.31	252	207734	31.16	nq	99
90) Dibenzo(a,h)anthracene	16.75	278	167981	29.01	nq	97
91) Benzo(g,h,i)perylene	17.14	276	166240	29.70	nq	97

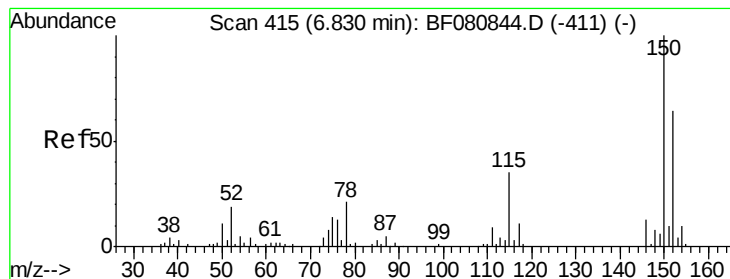
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

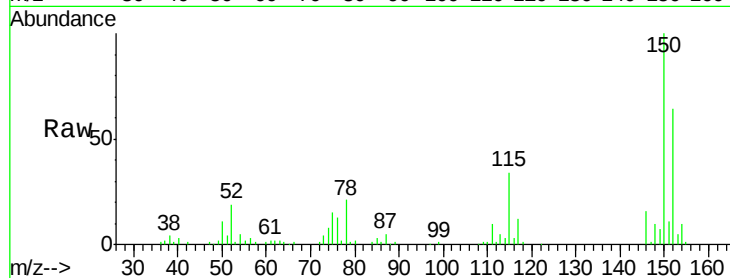
Tot Ion:152 Resp: 95430

Ion Ratio Lower Upper

152 100

150 155.4 124.6 187.0

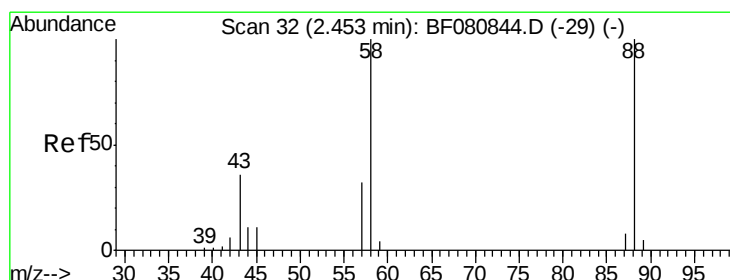
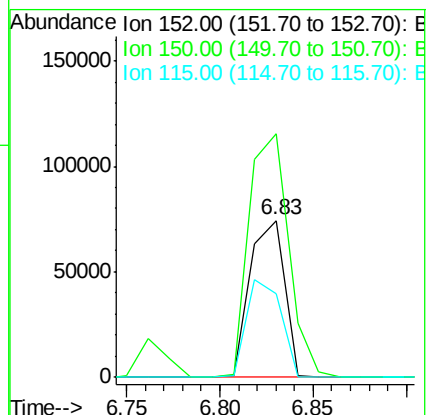
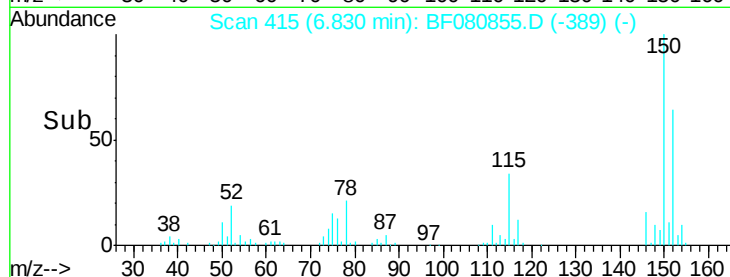
115 53.1 44.2 66.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 21.42 ng

RT: 2.54 min Scan# 40

Delta R.T. 0.09 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

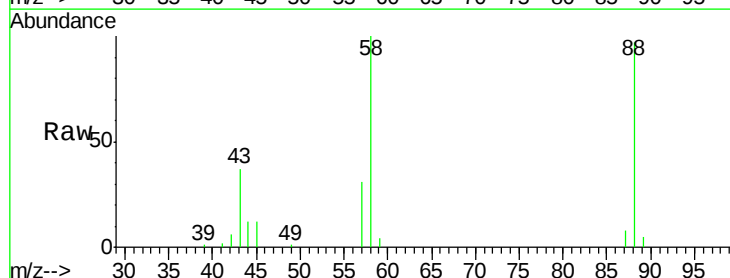
Tgt Ion: 88 Resp: 66204

Ion Ratio Lower Upper

88 100

58 98.7 79.2 118.8

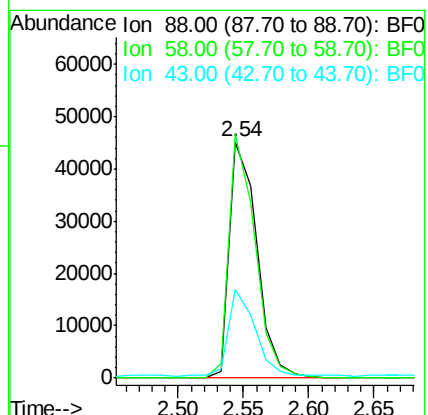
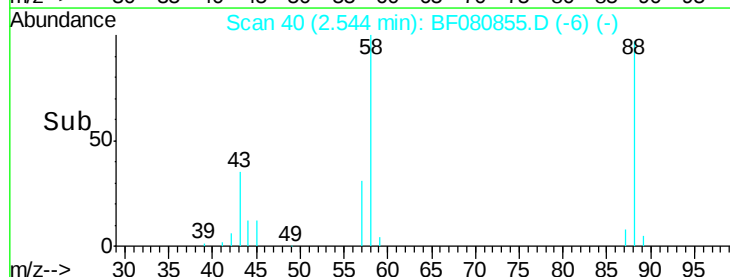
43 36.1 28.1 42.1

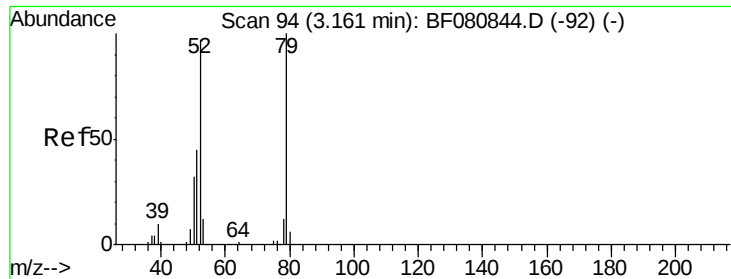


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 21.95 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.09 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

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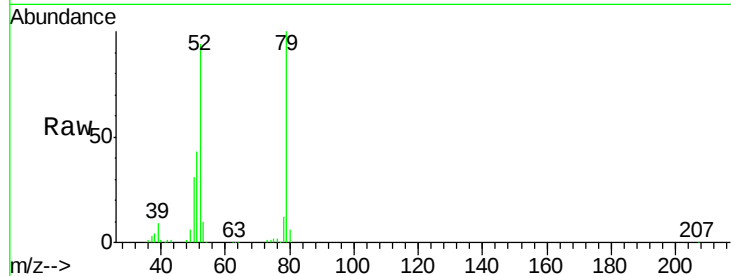
Tot Ion: 79 Resp: 187029

Ion Ratio Lower Upper

79 100

52 93.8 77.7 116.5

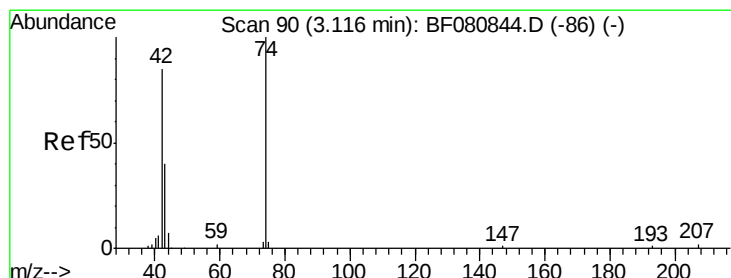
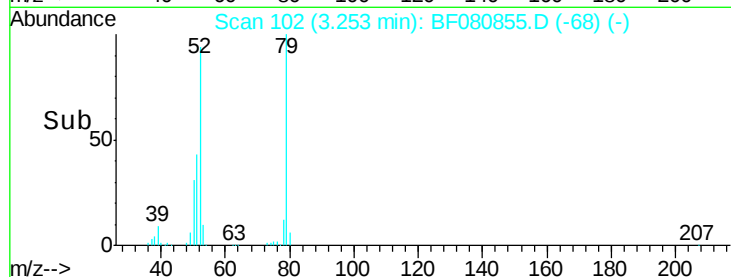
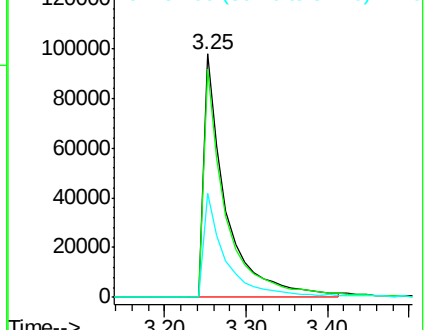
51 42.6 36.1 54.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 24.17 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.08 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

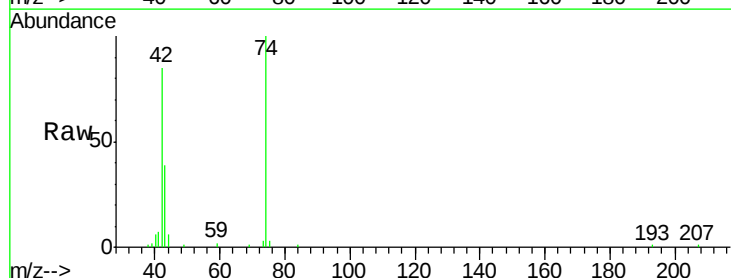
Tgt Ion: 42 Resp: 105631

Ion Ratio Lower Upper

42 100

74 117.5 94.3 141.5

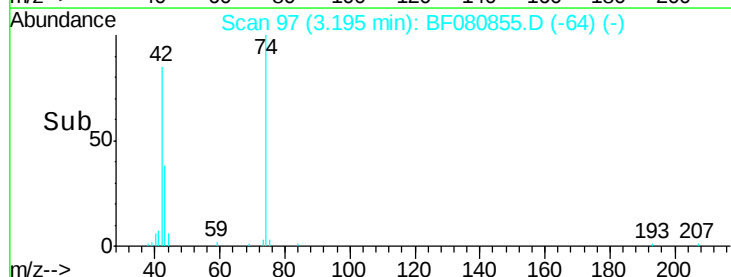
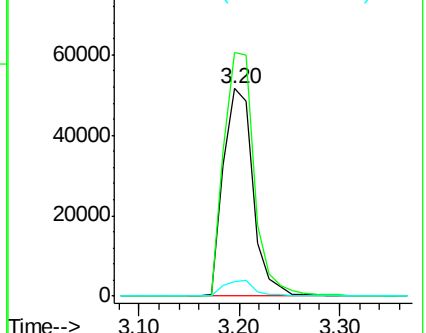
44 7.3 6.2 9.2

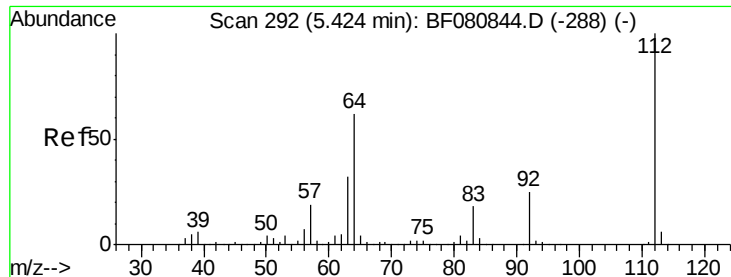


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 69.48 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

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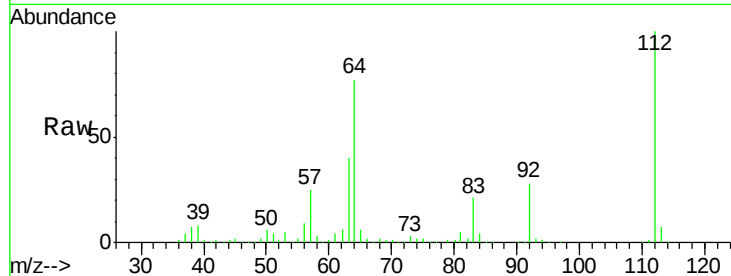
Tot Ion:112 Resp: 438114

Ion Ratio Lower Upper

112 100

64 76.8 49.5 74.3#

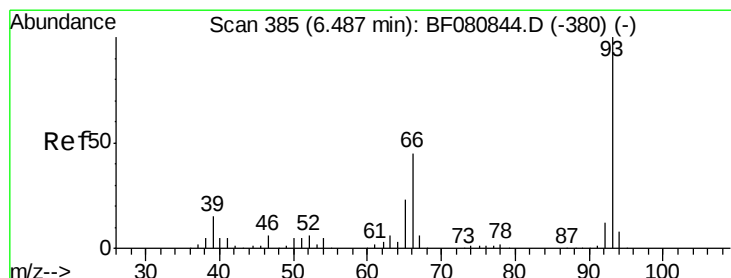
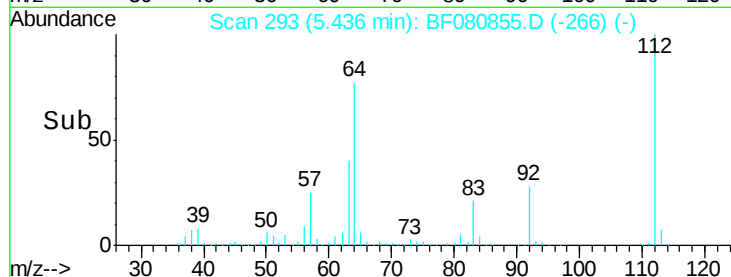
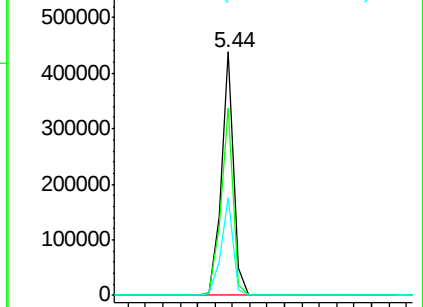
63 39.9 25.3 37.9#



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: 16.52 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

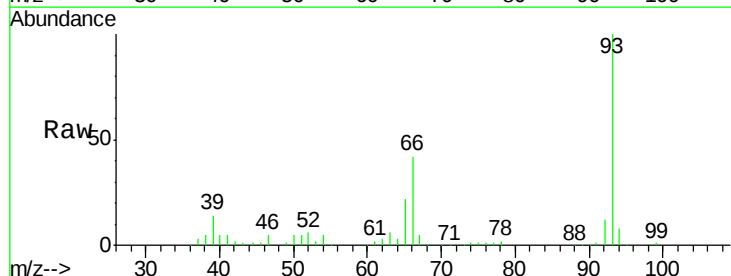
Tgt Ion: 93 Resp: 198177

Ion Ratio Lower Upper

93 100

66 42.1 35.8 53.6

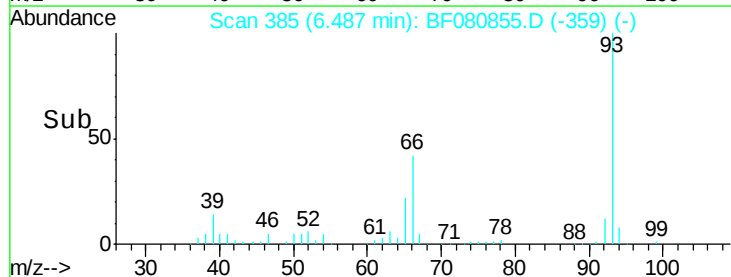
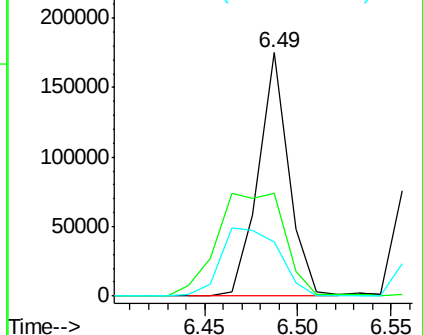
65 22.0 18.2 27.2

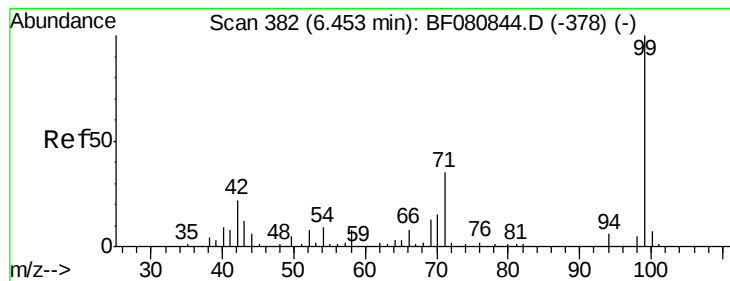


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.40 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

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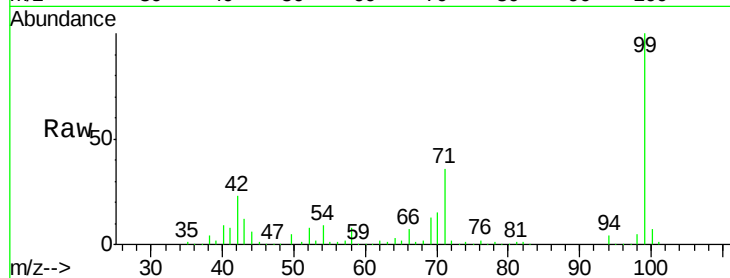
Tot Ion: 99 Resp: 621522

Ion Ratio Lower Upper

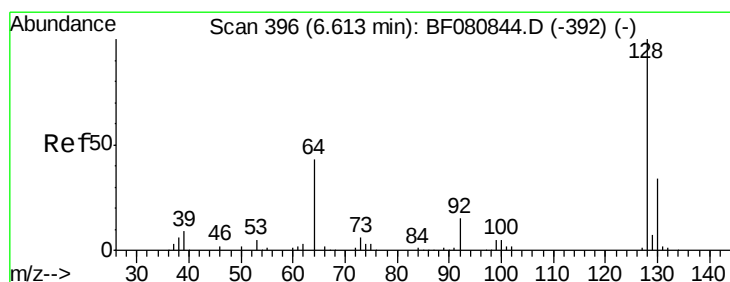
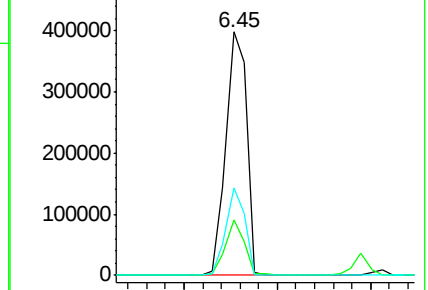
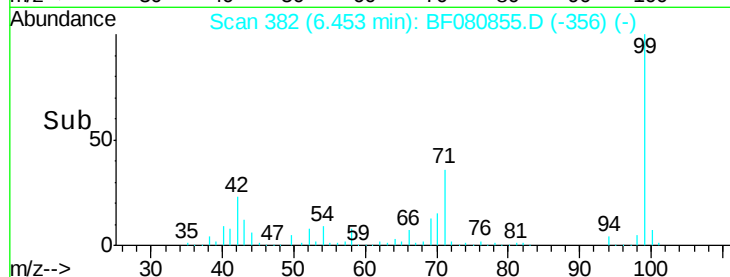
99 100

42 22.7 17.9 26.9

71 35.7 28.2 42.4



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: 25.49 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

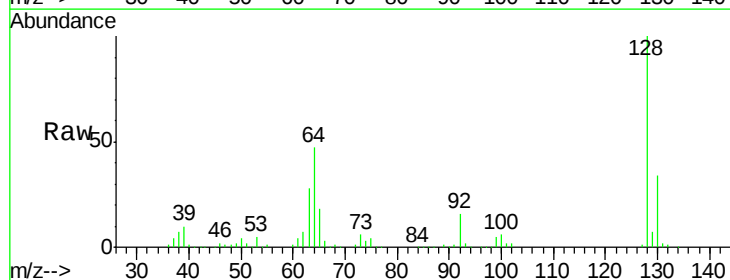
Tgt Ion: 128 Resp: 180061

Ion Ratio Lower Upper

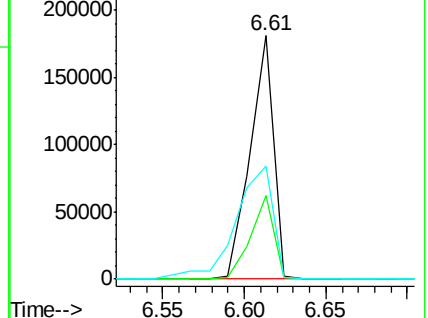
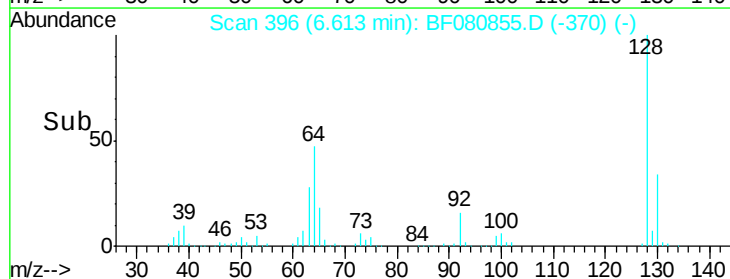
128 100

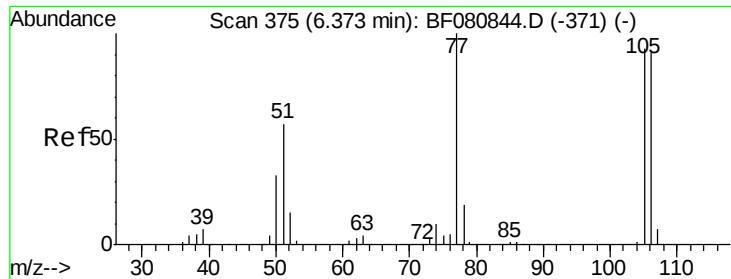
130 34.3 13.9 53.9

64 46.7 26.2 66.2



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: 6.09 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

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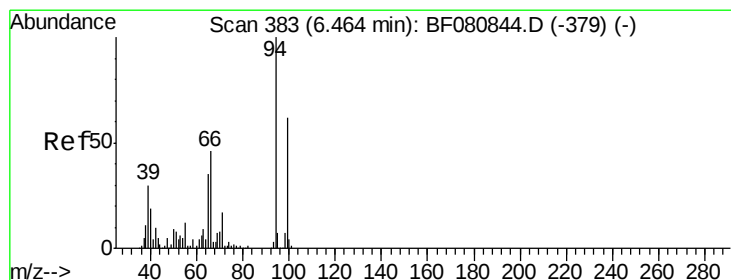
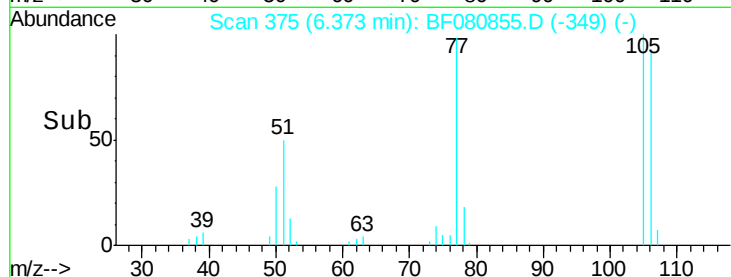
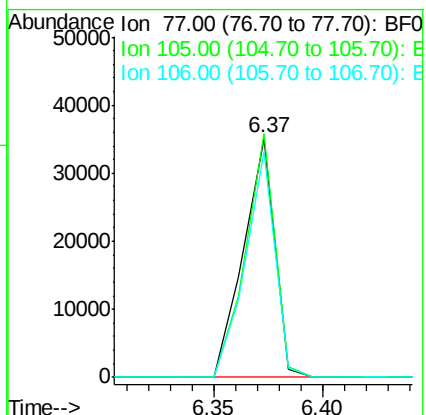
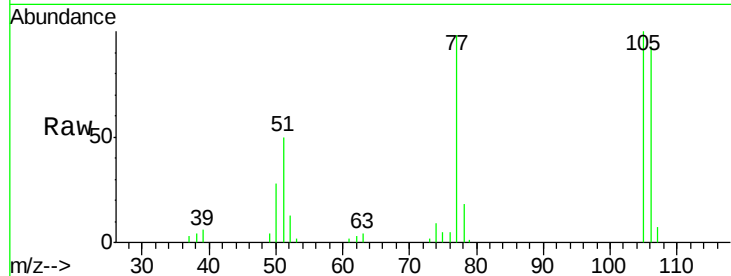
Tot Ion: 77 Resp: 35015

Ion Ratio Lower Upper

77 100

105 102.0 73.5 113.5

106 94.4 70.8 110.8



#10

Phenol

Concen: 21.78 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

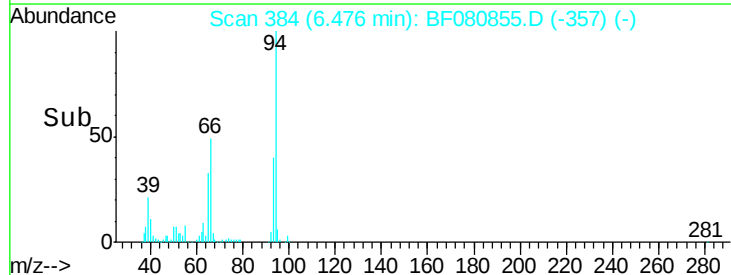
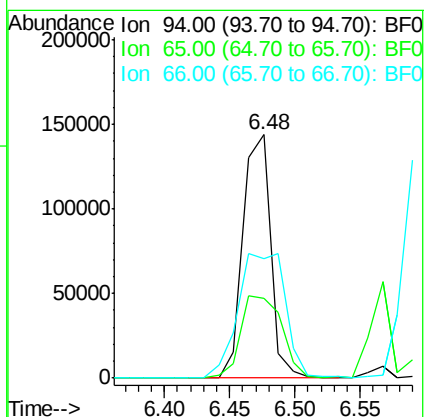
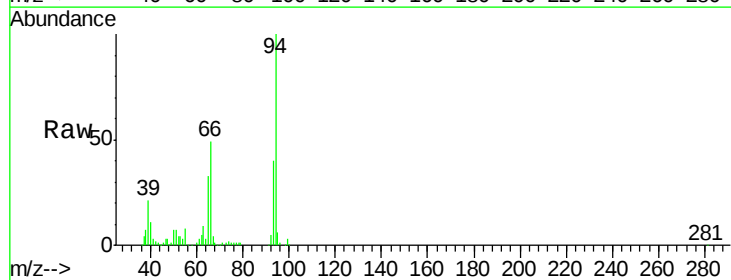
Tgt Ion: 94 Resp: 213574

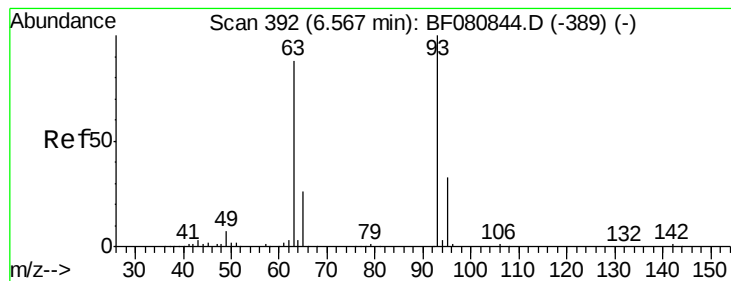
Ion Ratio Lower Upper

94 100

65 32.6 15.2 55.2

66 48.9 25.9 65.9

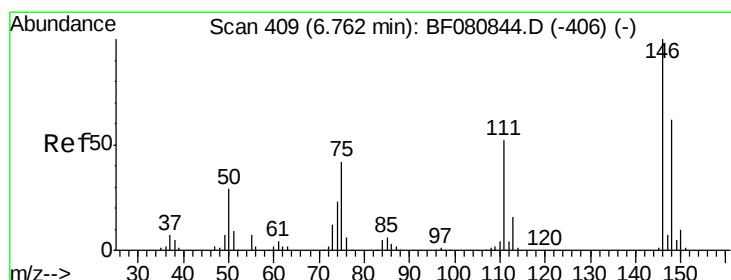
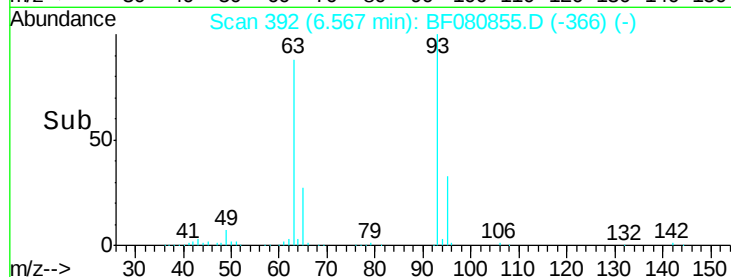
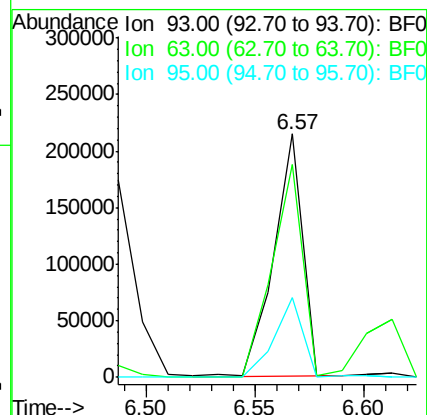
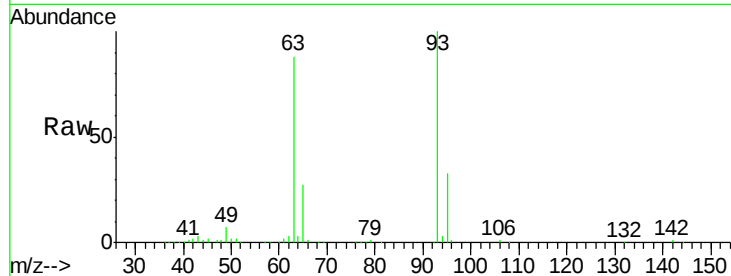




#11
bis(2-Chloroethyl)ether
Concen: 27.34 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

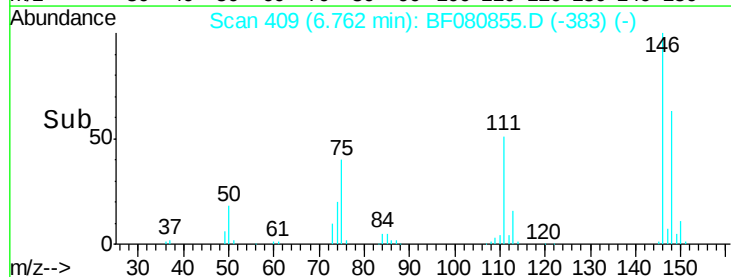
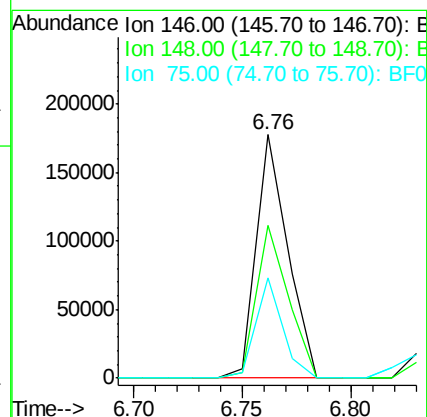
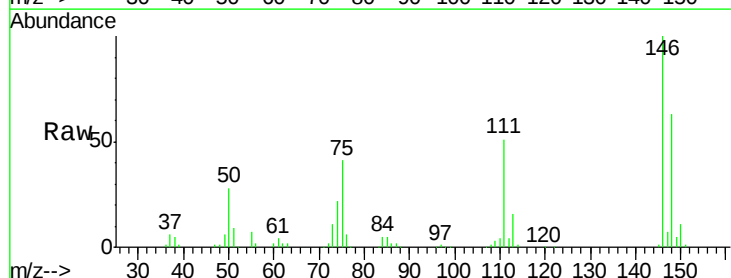
Instrument :
BNA_F
ClientSampleId :
PB84838BSD

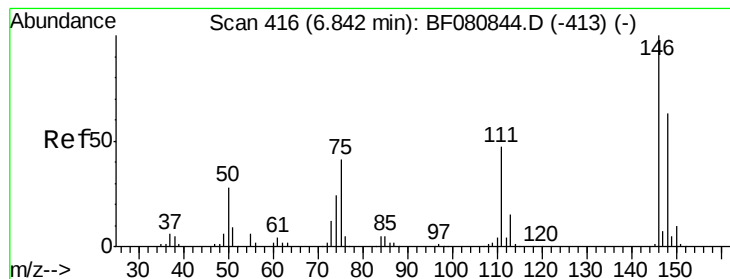
Tot Ion: 93 Resp: 200191
Ion Ratio Lower Upper
93 100
63 87.6 67.6 107.6
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 23.59 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion: 146 Resp: 178557
Ion Ratio Lower Upper
146 100
148 62.6 49.7 74.5
75 41.2 33.5 50.3

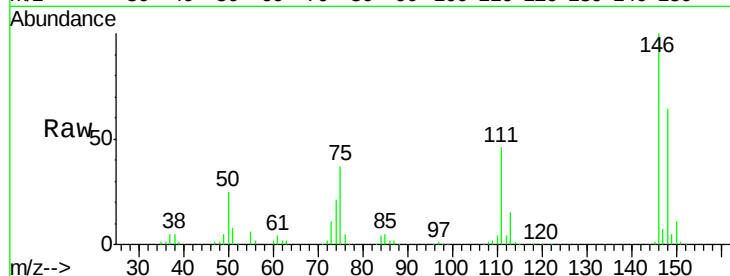




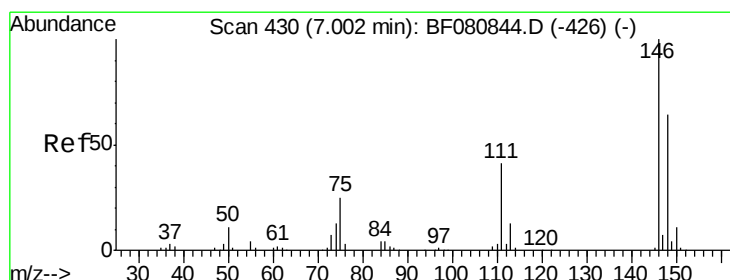
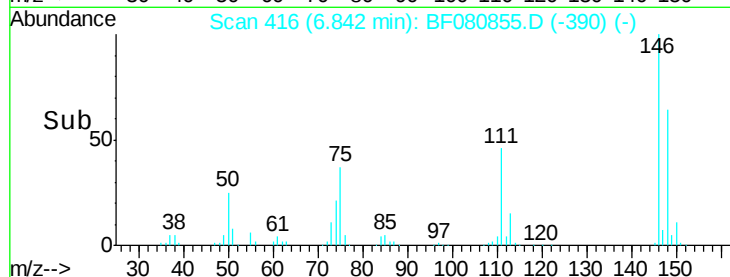
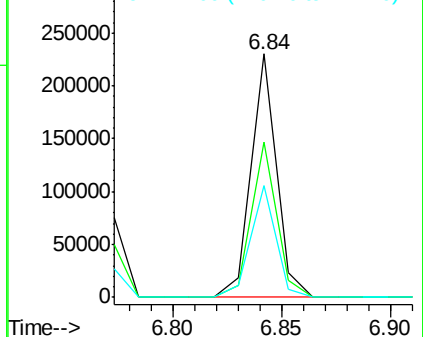
#13
 1,4-Dichlorobenzene
 Concen: 24.54 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.5	75.7
111	46.0	38.0	57.0

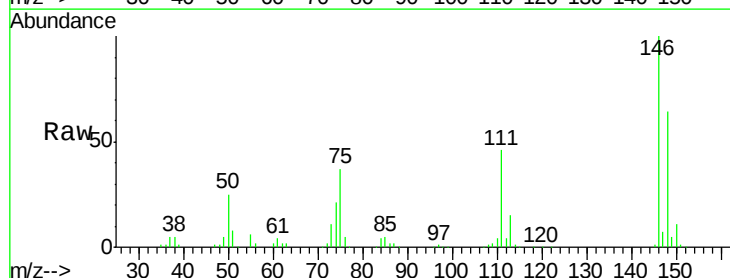


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

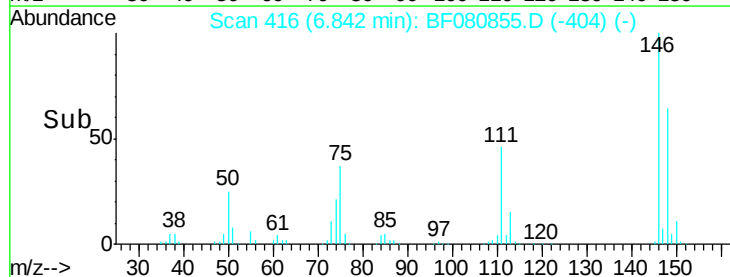
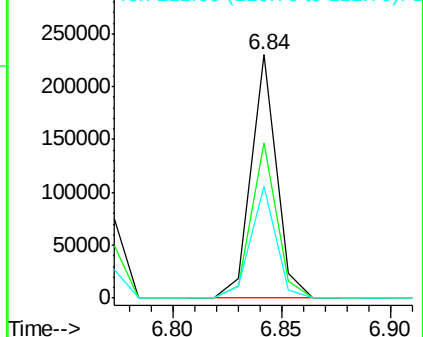


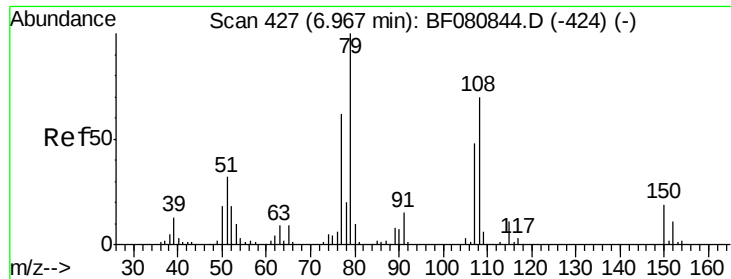
#14
 1,2-Dichlorobenzene
 Concen: 26.01 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.16 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
111	46.0	32.7	49.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.72 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleID :

PB84838BSD

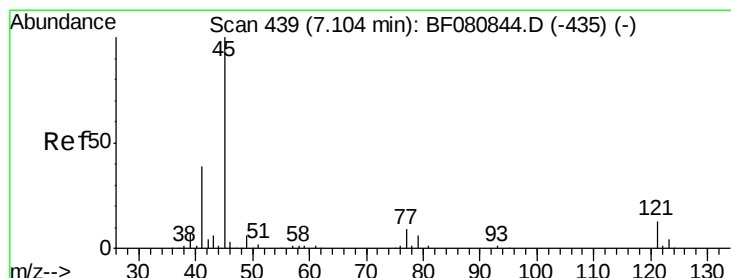
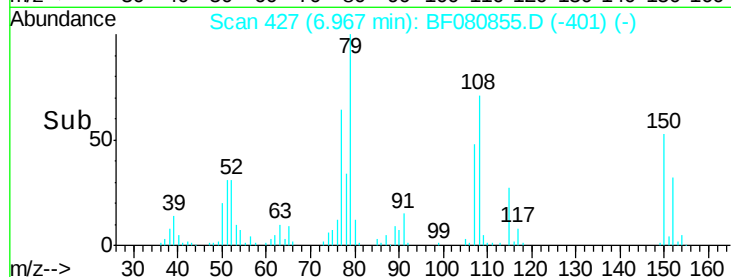
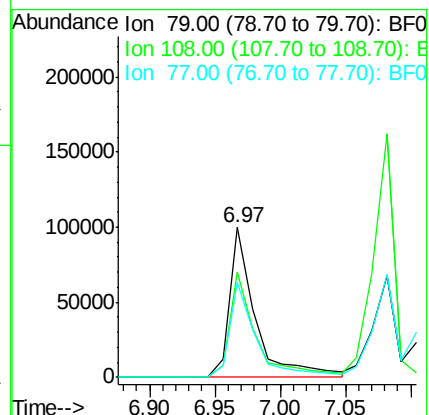
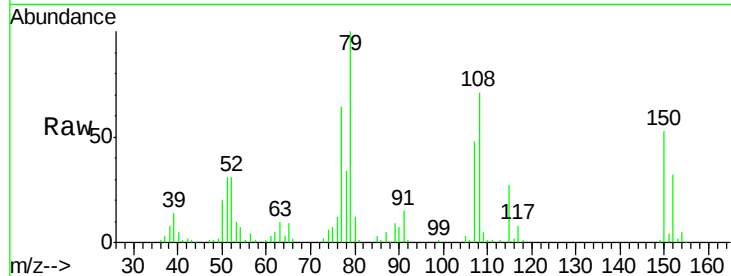
Tot Ion: 79 Resp: 138453

Ion Ratio Lower Upper

79 100

108 70.6 55.9 83.9

77 63.9 49.4 74.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 25.86 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

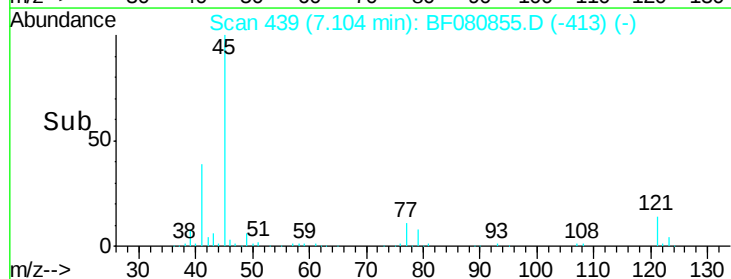
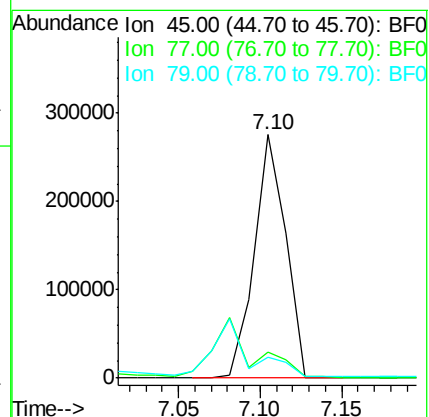
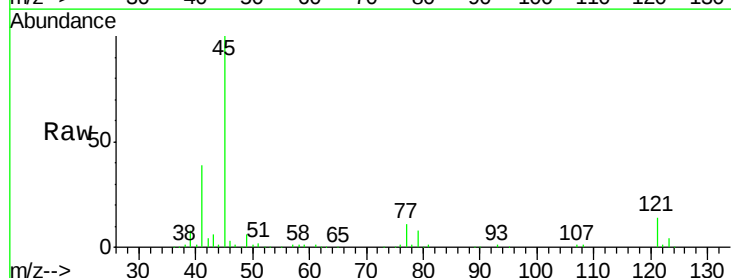
Tgt Ion: 45 Resp: 366534

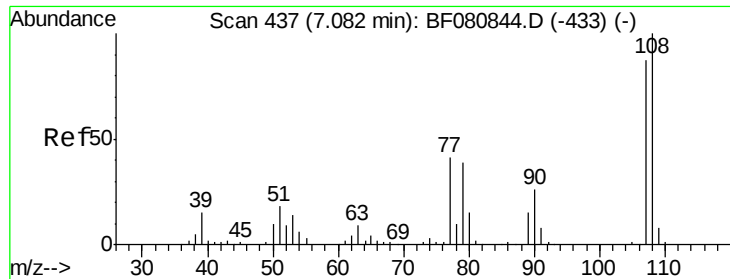
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.5

79 8.4 0.0 28.2





#17

2-Methylphenol

Concen: 25.39 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

Tot Ion:107 Resp: 157100

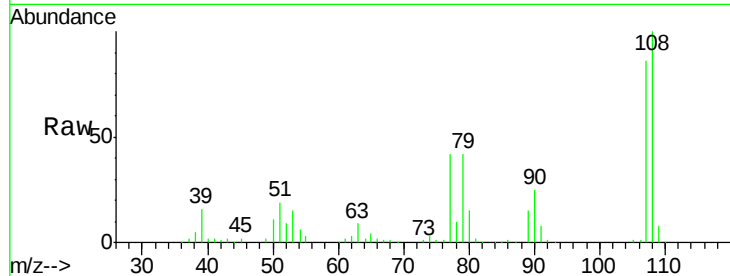
Ion Ratio Lower Upper

107 100

108 116.5 91.8 137.8

77 49.1 38.2 57.2

79 48.6 37.4 56.0

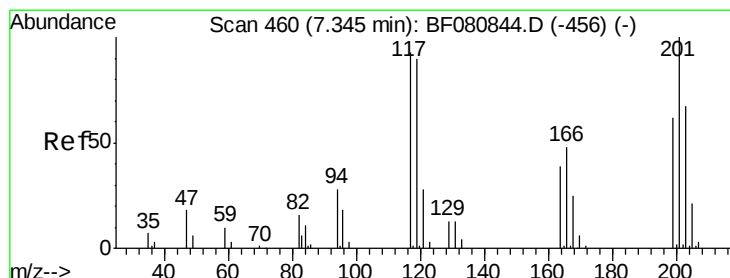
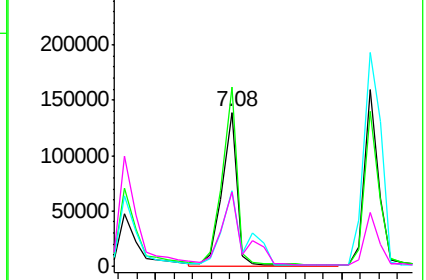
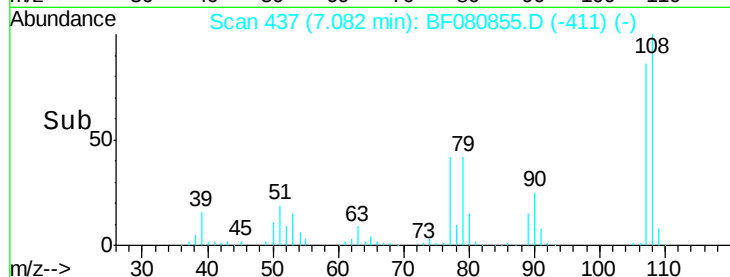


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 24.82 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

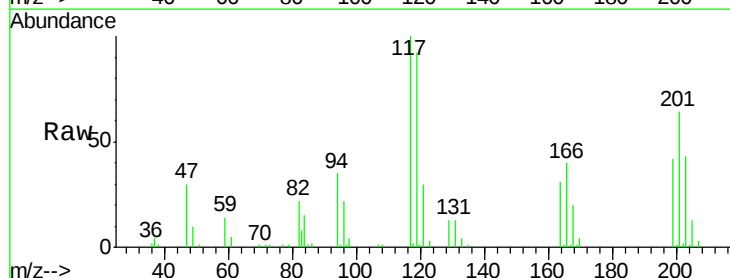
Tgt Ion:117 Resp: 71649

Ion Ratio Lower Upper

117 100

119 92.3 77.4 116.0

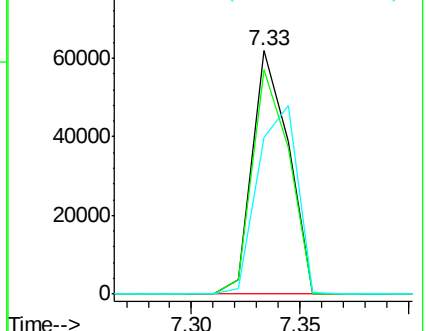
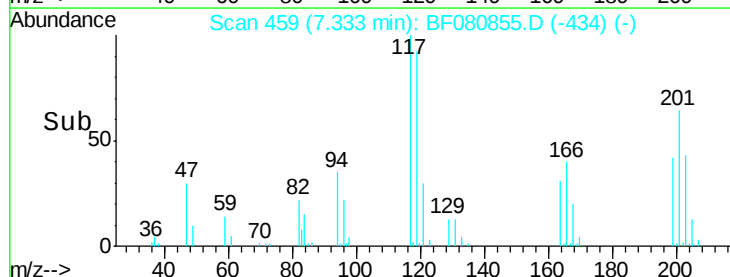
201 64.2 85.8 128.6#

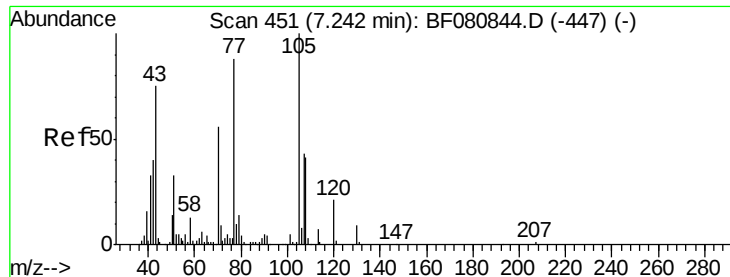


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

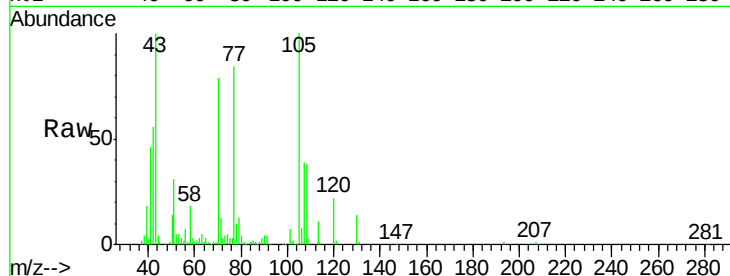




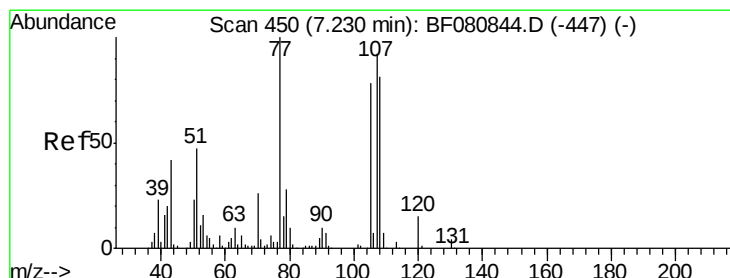
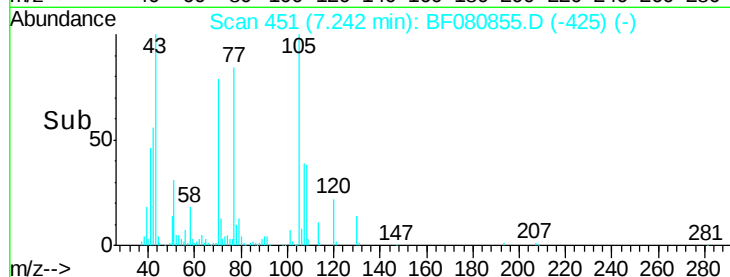
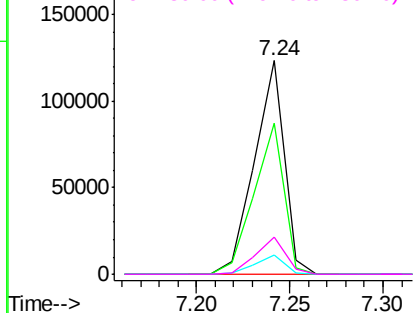
#19
n-Nitroso-di-n-propylamine
Concen: 25.65 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion: 70 Resp: 136598
Ion Ratio Lower Upper
70 100
42 70.8 57.8 86.8
101 8.8 6.7 10.1
130 17.5 12.6 19.0

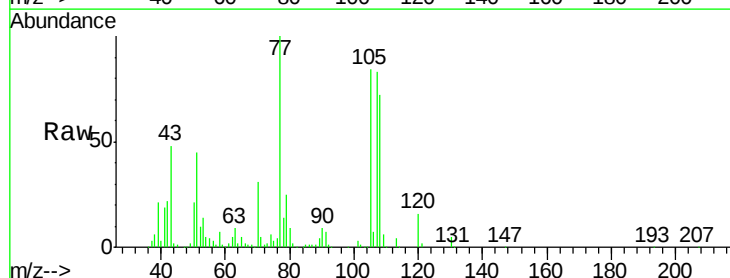


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

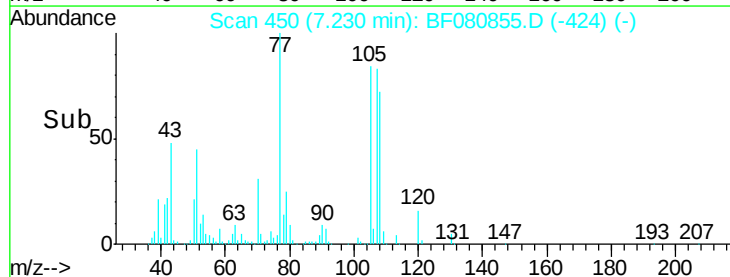
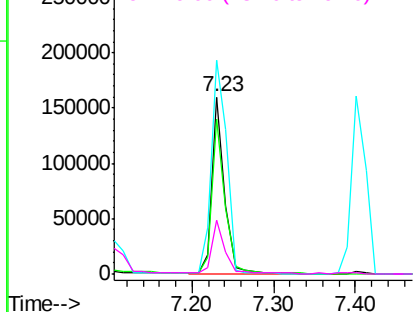


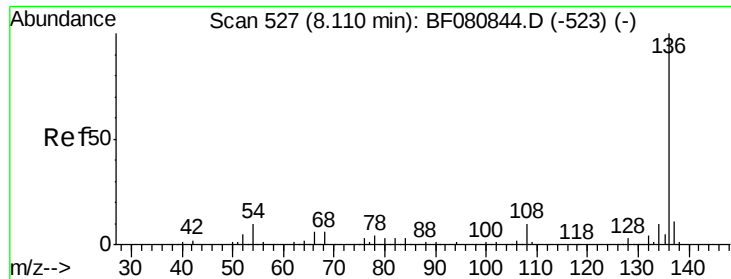
#20
3+4-Methylphenols
Concen: 24.21 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion:107 Resp: 173648
Ion Ratio Lower Upper
107 100
108 87.5 68.2 108.2
77 120.9 88.5 128.5
79 30.6 10.3 50.3



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

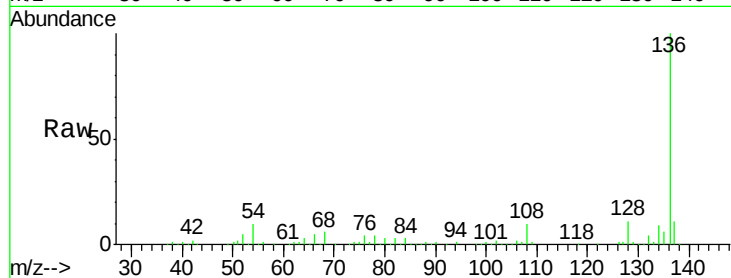




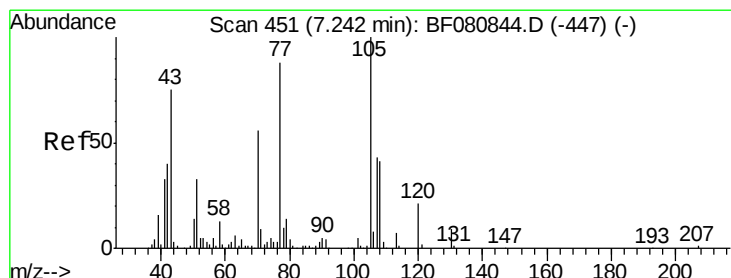
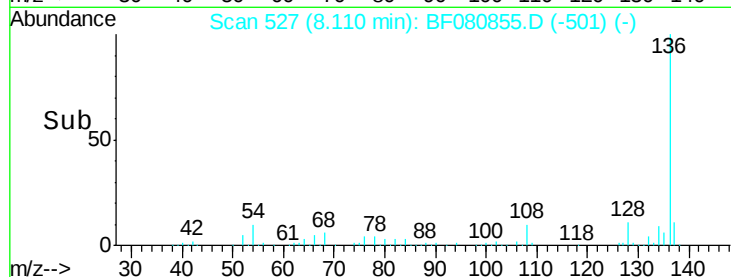
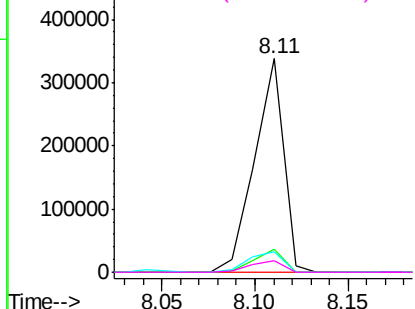
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion:136	Resp:	364508
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.6 13.0
54	9.8	8.3 12.5
68	5.6	4.8 7.2

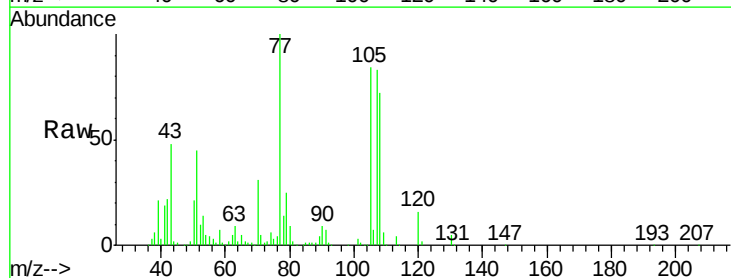


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

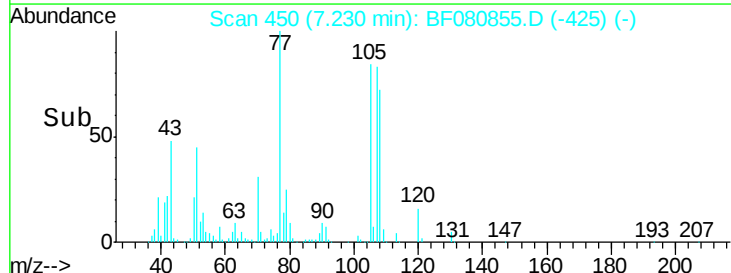
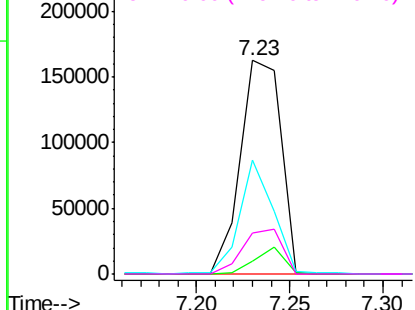


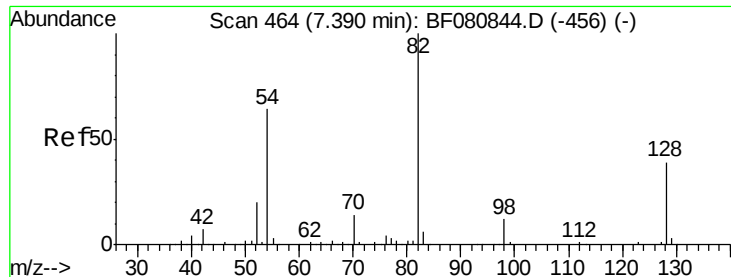
#22
Acetophenone
Concen: 27.57 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion:105	Resp:	245398
Ion Ratio	Lower	Upper
105	100	
71	6.1	7.4 11.2#
51	53.4	26.5 39.7#
120	19.4	17.0 25.4



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

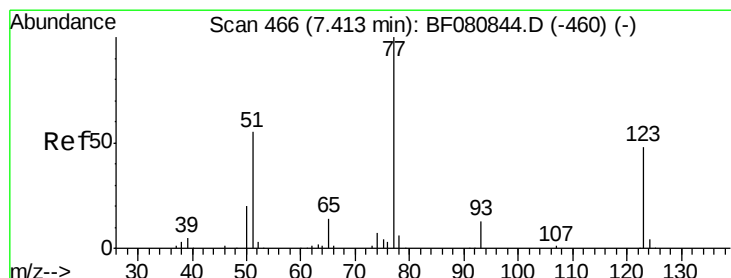
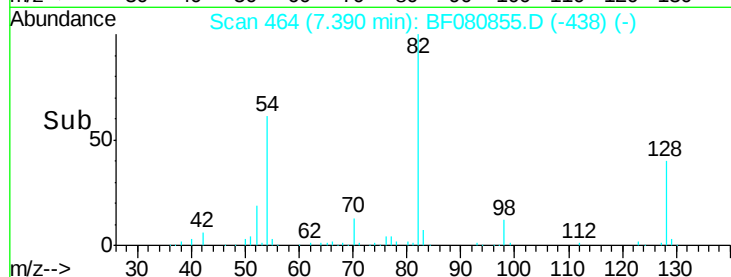
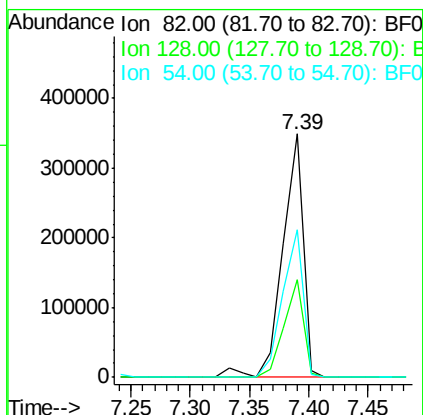
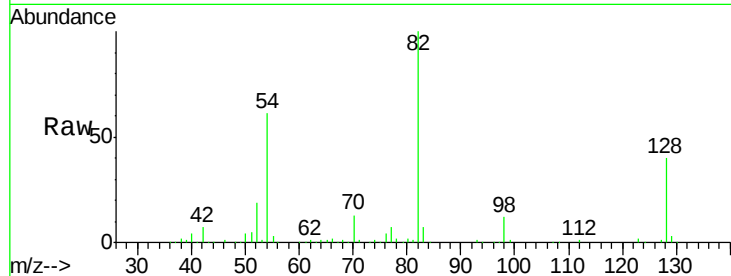




#23
Nitrobenzene-d5
Concen: 53.73 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

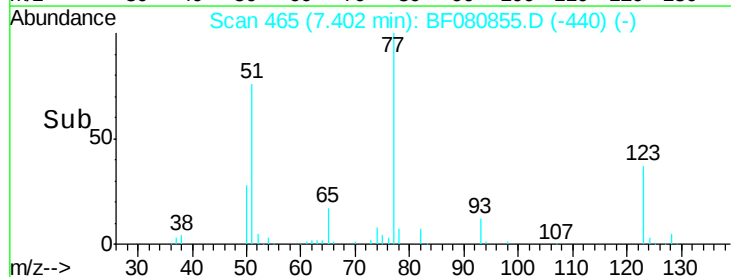
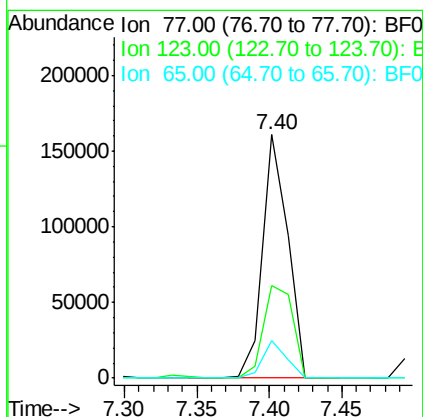
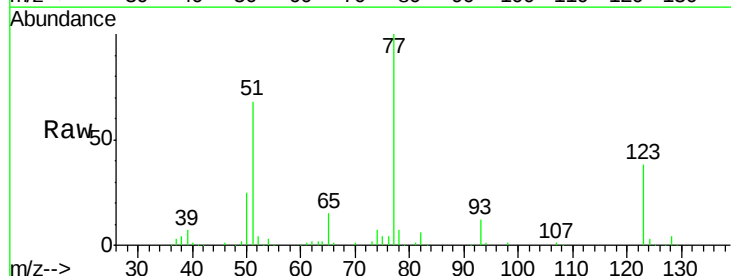
Instrument :
BNA_F
ClientSampleId :
PB84838BSD

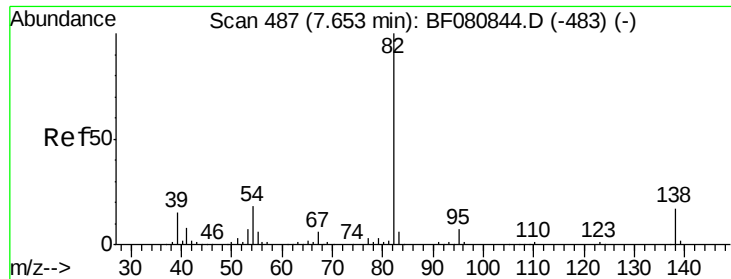
Tot Ion: 82 Resp: 415585
Ion Ratio Lower Upper
82 100
128 40.4 31.0 46.4
54 60.7 51.0 76.6



#24
Nitrobenzene
Concen: 24.15 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion: 77 Resp: 193732
Ion Ratio Lower Upper
77 100
123 37.9 39.7 59.5#
65 15.2 11.0 16.6





#25

Isophorone

Concen: 26.98 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

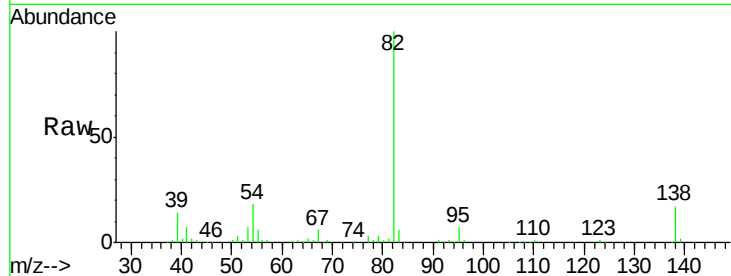
Tot Ion: 82 Resp: 369789

Ion Ratio Lower Upper

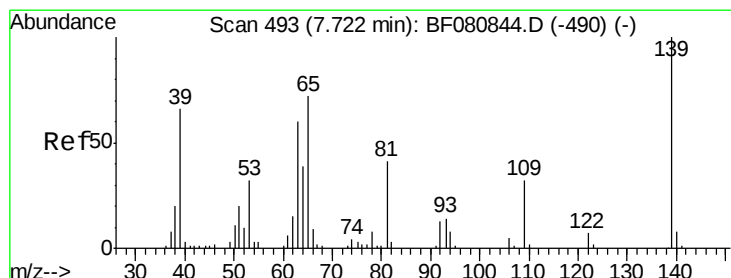
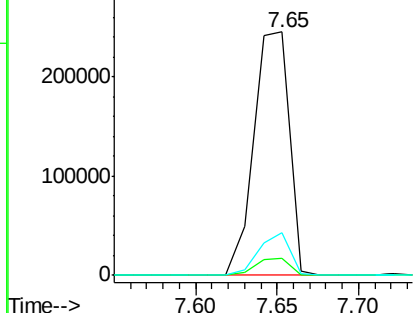
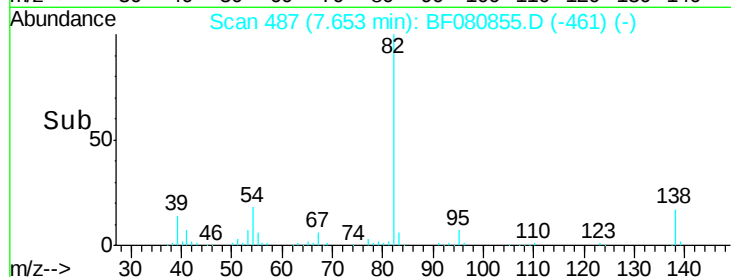
82 100

95 6.9 5.5 8.3

138 17.4 13.3 19.9



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: 26.97 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

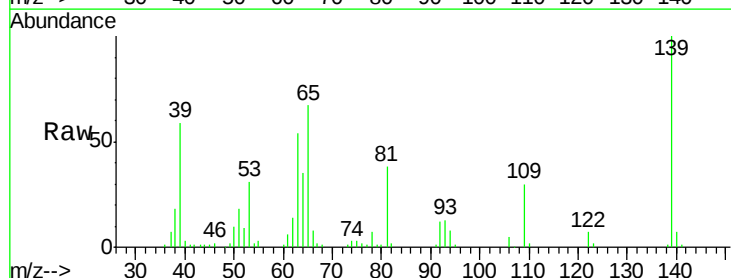
Tgt Ion: 139 Resp: 88750

Ion Ratio Lower Upper

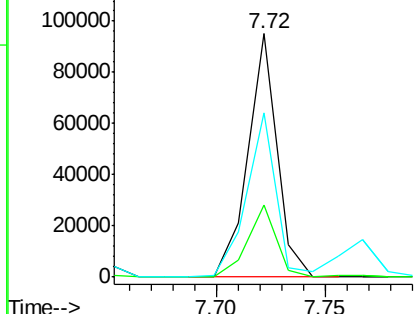
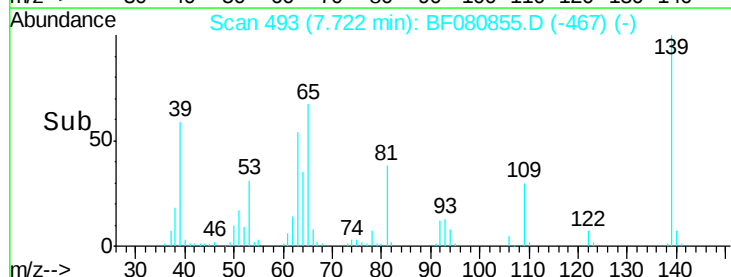
139 100

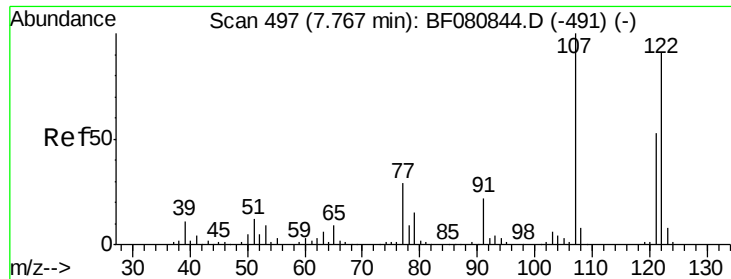
109 29.8 25.2 37.8

65 67.4 57.3 85.9



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

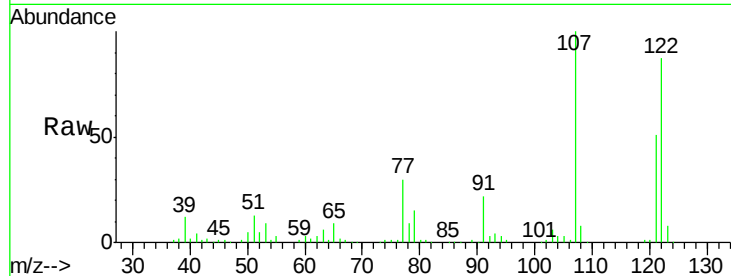




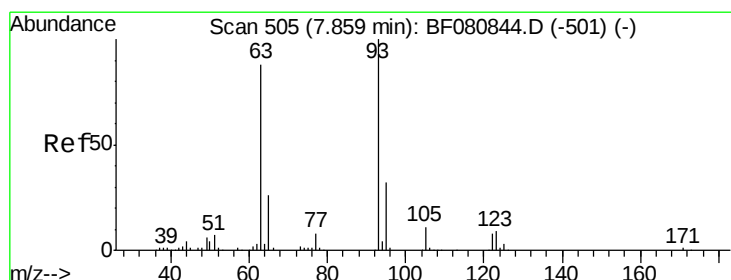
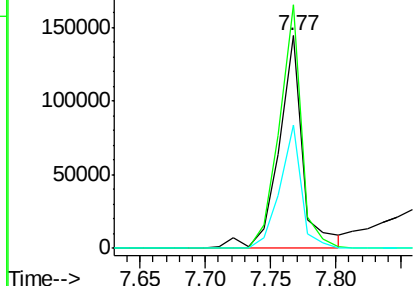
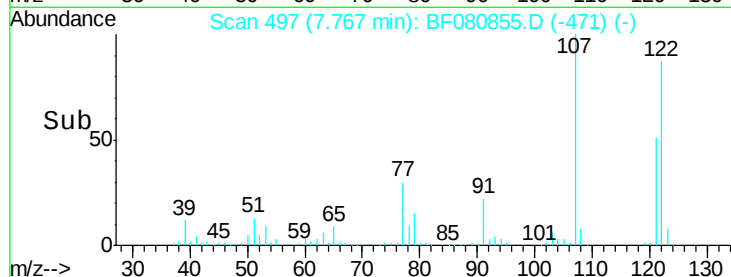
#27
 2,4-Dimethylphenol
 Concen: 30.21 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion:122 Resp: 185106
 Ion Ratio Lower Upper
 122 100
 107 114.7 88.2 132.4
 121 58.0 46.8 70.2

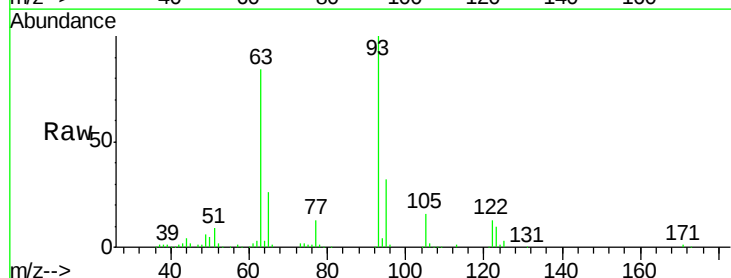


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

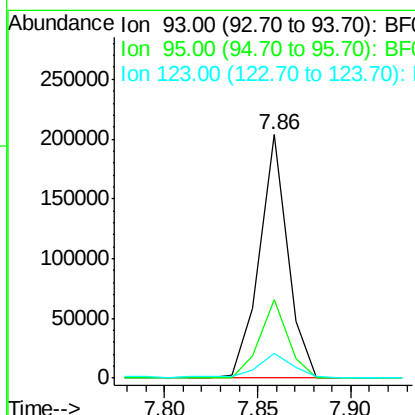
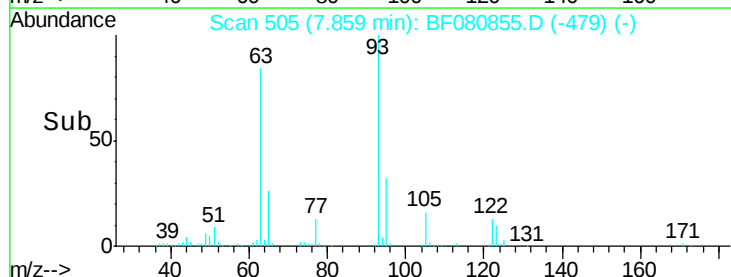


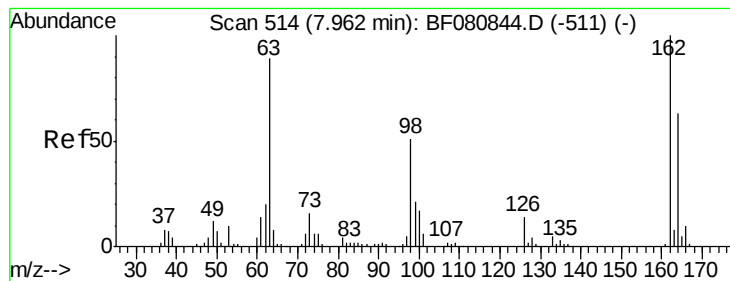
#28
 bis(2-Chloroethoxy)methane
 Concen: 25.38 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion: 93 Resp: 213867
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.9 38.9
 123 10.1 7.9 11.9



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 26.03 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

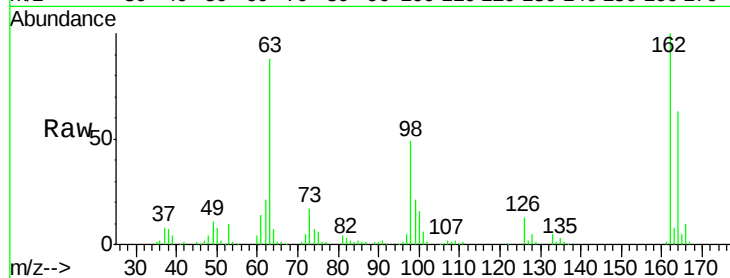
Tot Ion:162 Resp: 131658

Ion Ratio Lower Upper

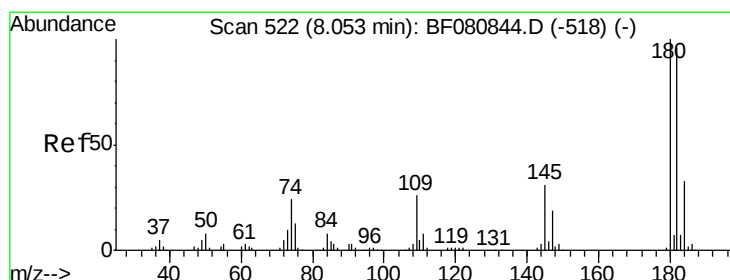
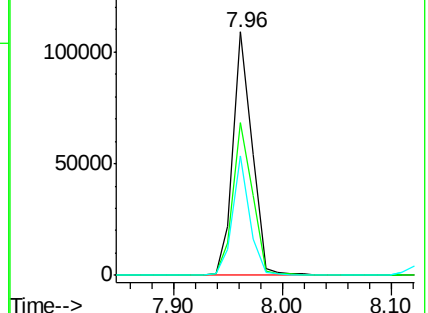
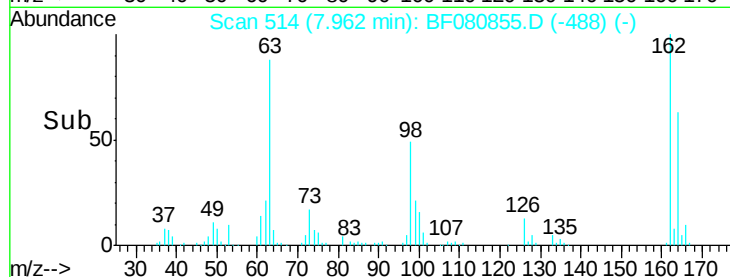
162 100

164 62.6 43.1 83.1

98 49.1 31.3 71.3



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



#30

1,2,4-Trichlorobenzene

Concen: 26.30 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

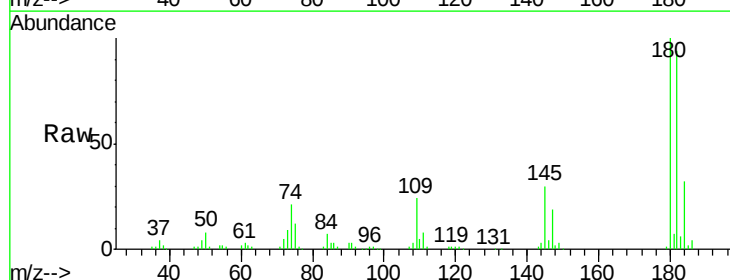
Tgt Ion:180 Resp: 151387

Ion Ratio Lower Upper

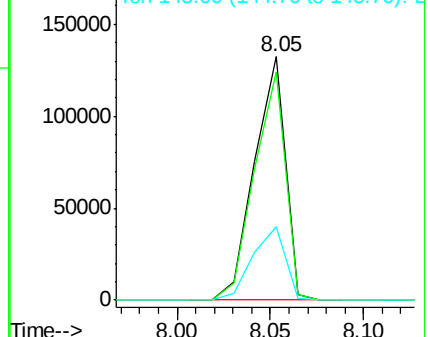
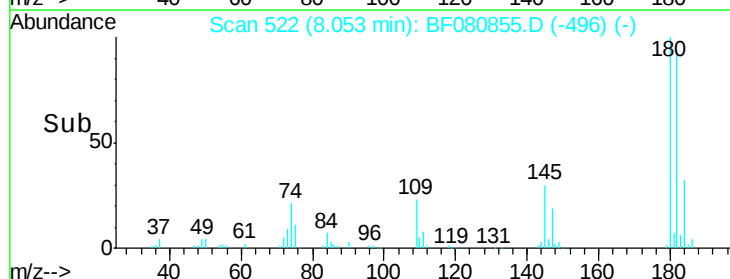
180 100

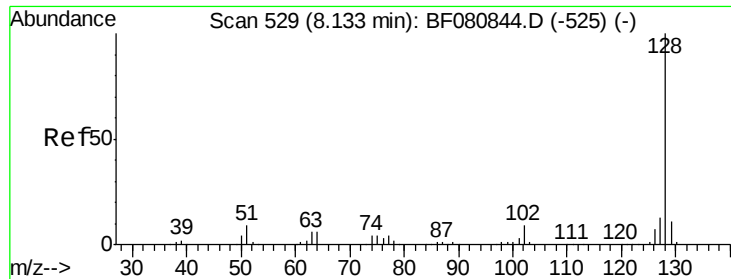
182 93.8 77.0 115.4

145 30.0 25.1 37.7



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

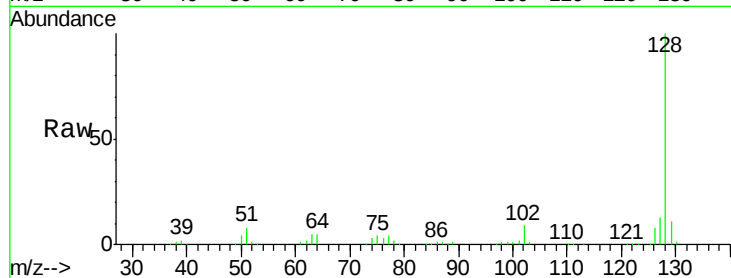




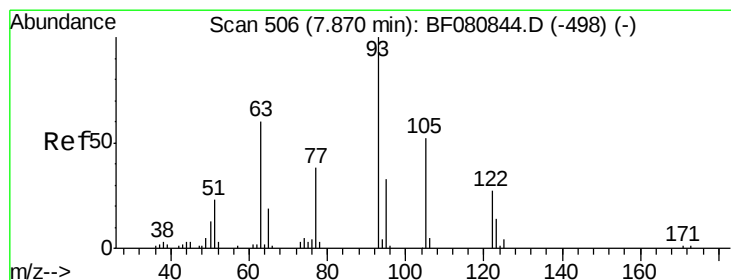
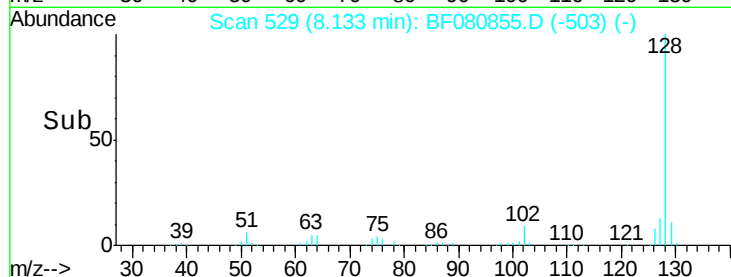
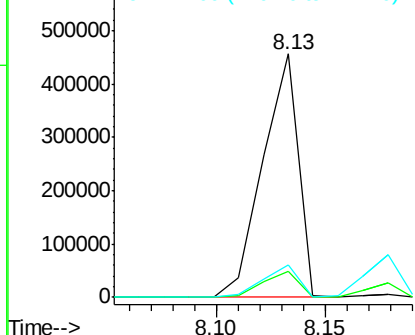
#31
Naphthalene
Concen: 26.37 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion:128 Resp: 523633
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.6 15.8

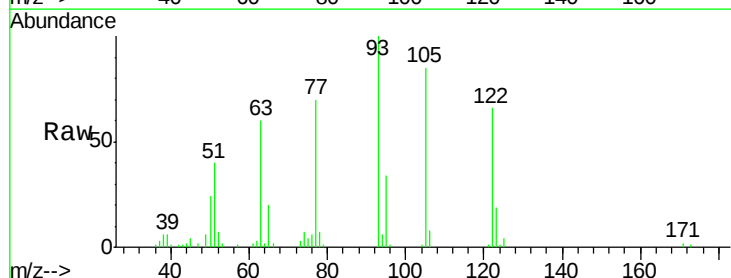


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

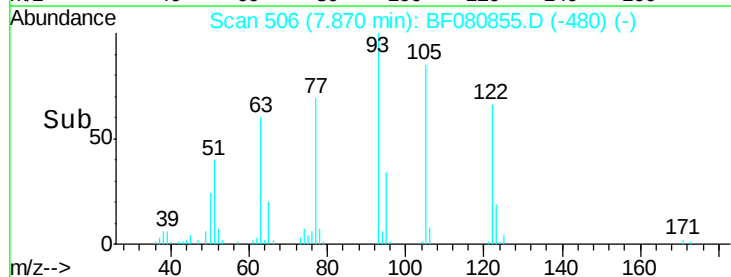
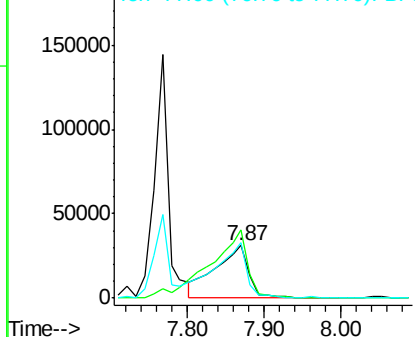


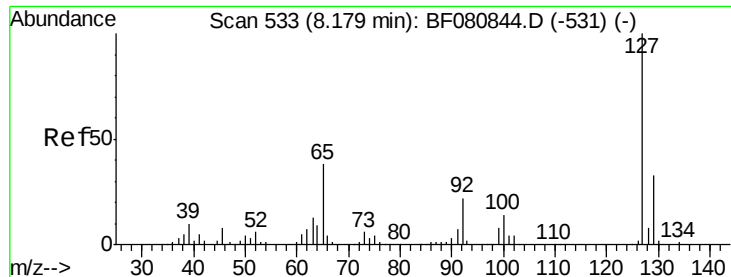
#32
Benzoic acid
Concen: 24.83 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion:122 Resp: 97512
Ion Ratio Lower Upper
122 100
105 129.1 110.1 150.1
77 105.5 83.6 123.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

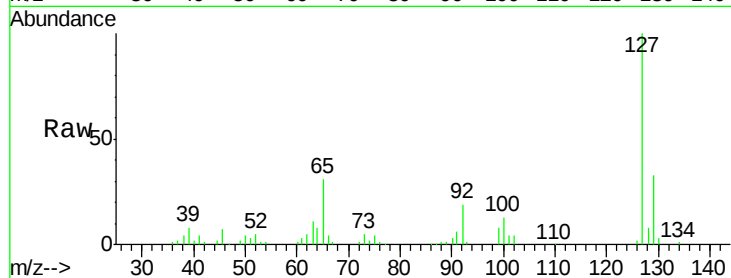




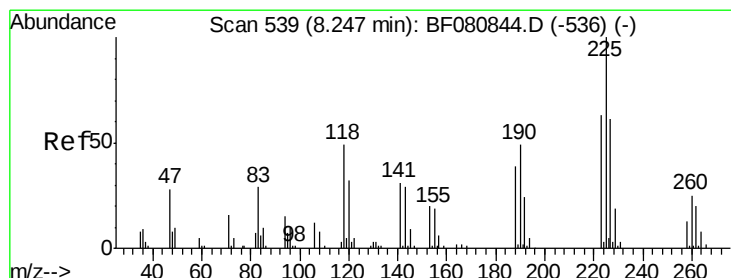
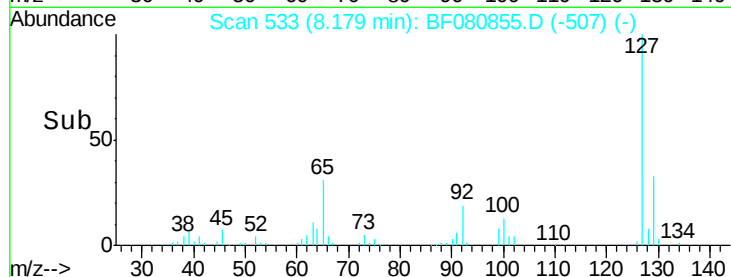
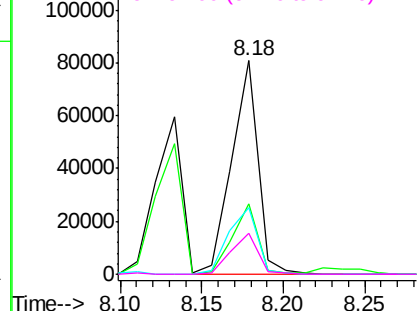
#33
 4-Chloroaniline
 Concen: 11.52 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion:	127	Resp:	89451
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.2
65	31.5	30.3	45.5
92	19.0	17.3	25.9

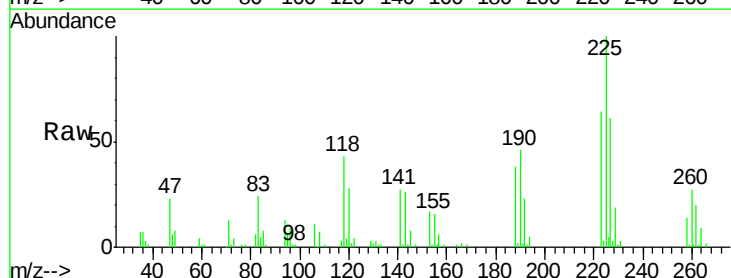


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

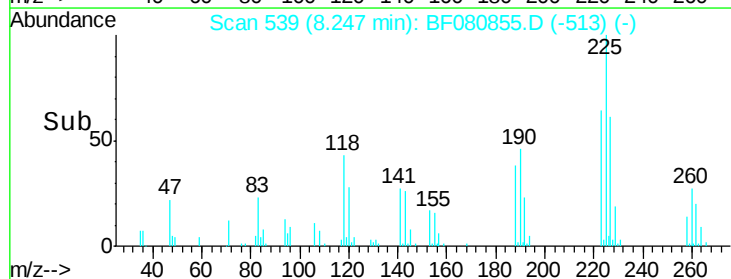
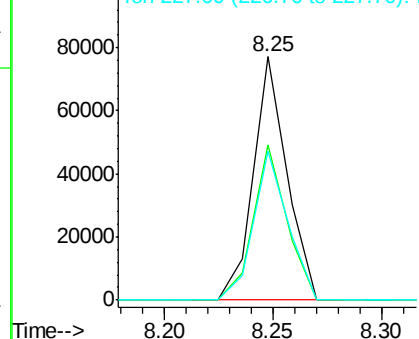


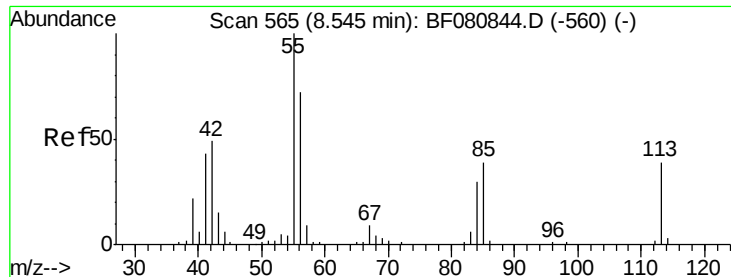
#34
 Hexachlorobutadiene
 Concen: 25.23 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion:	225	Resp:	82766
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.0	75.0
227	61.0	48.5	72.7



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





#35

Caprolactam

Concen: 26.92 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

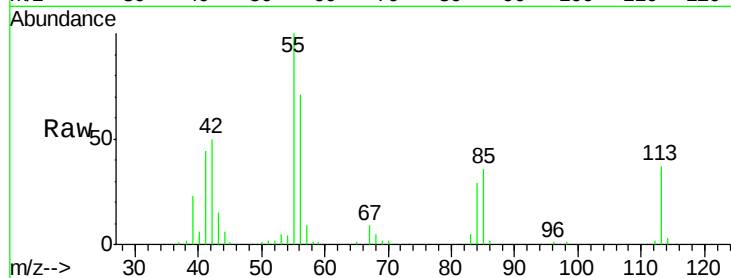
Tot Ion:113 Resp: 38878

Ion Ratio Lower Upper

113 100

55 270.3 236.2 276.2

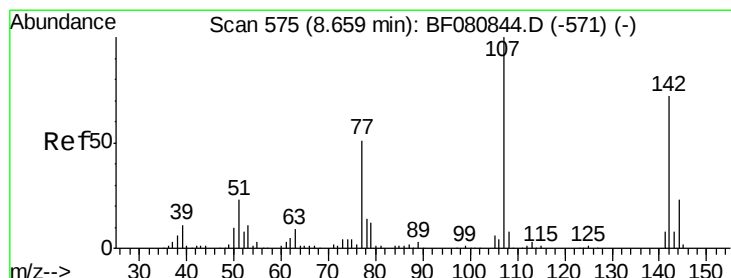
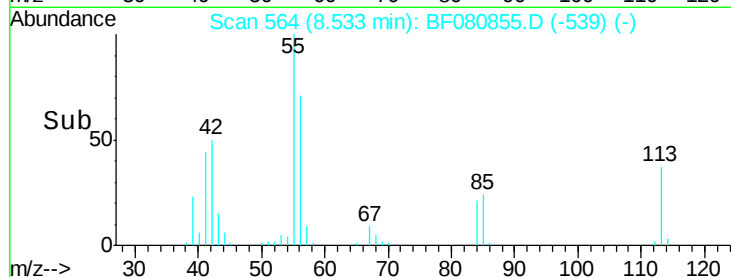
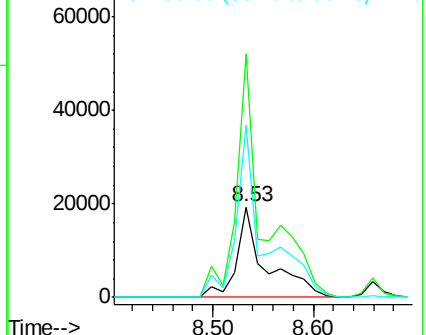
56 191.4 165.2 205.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 27.00 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

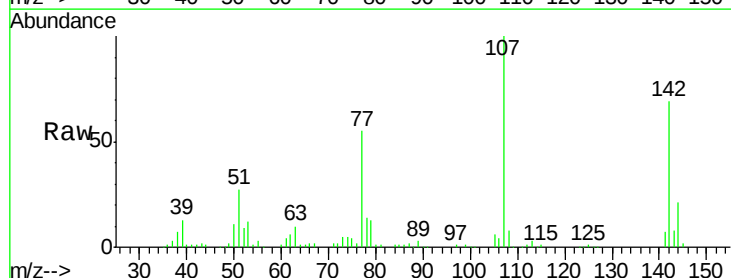
Tgt Ion:107 Resp: 149816

Ion Ratio Lower Upper

107 100

144 21.3 18.3 27.5

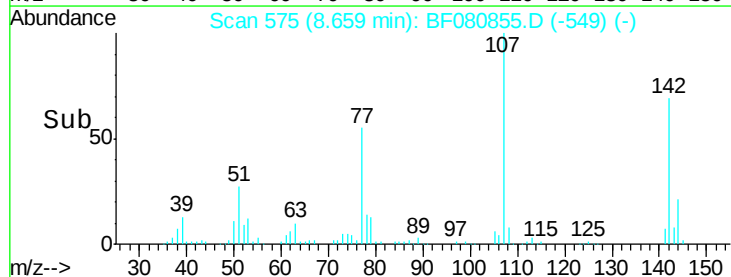
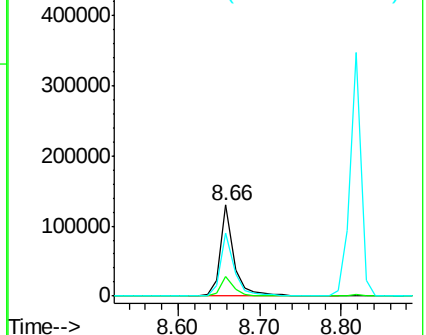
142 69.1 57.8 86.8

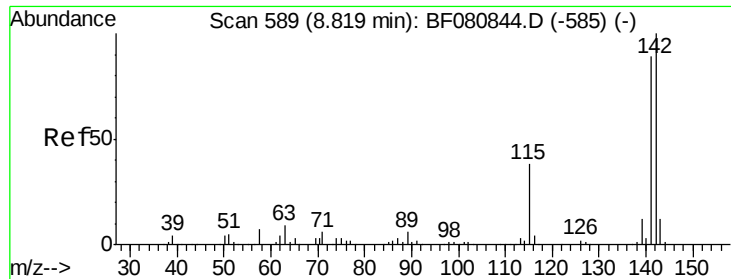


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

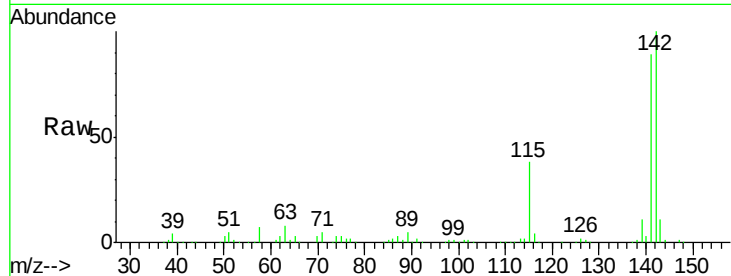




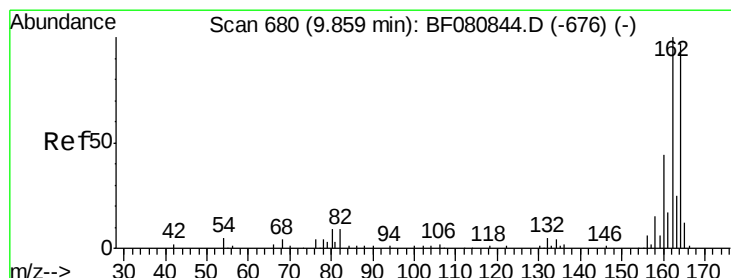
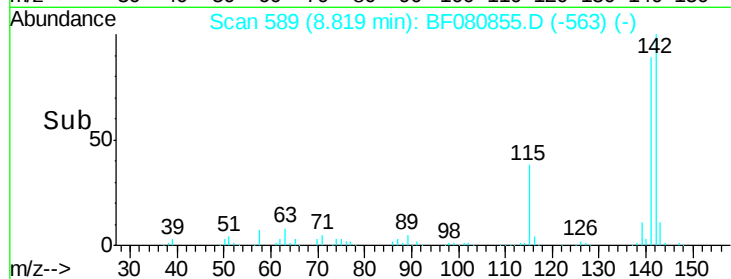
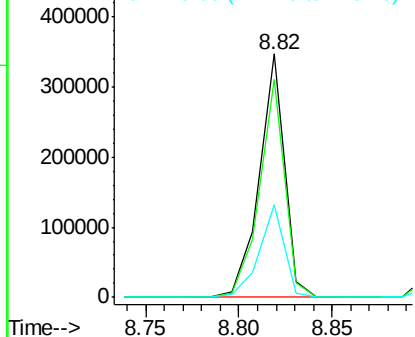
#37
 2-Methylnaphthalene
 Concen: 27.18 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.5	107.3
115	38.2	30.5	45.7

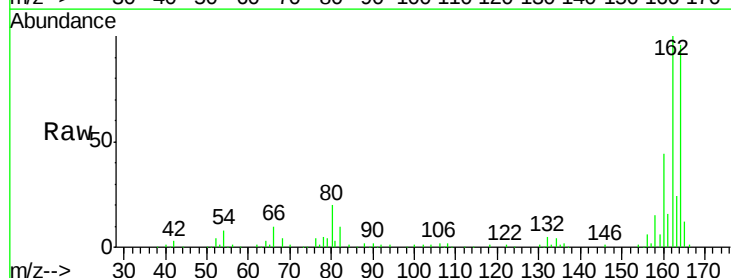


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

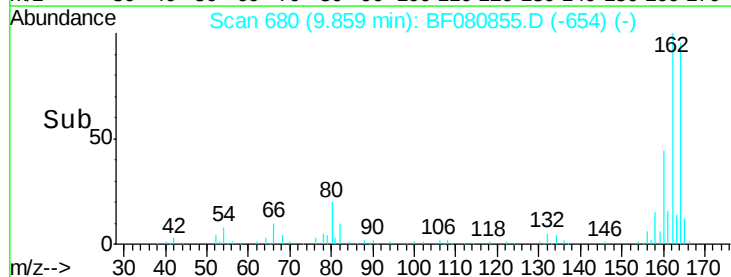
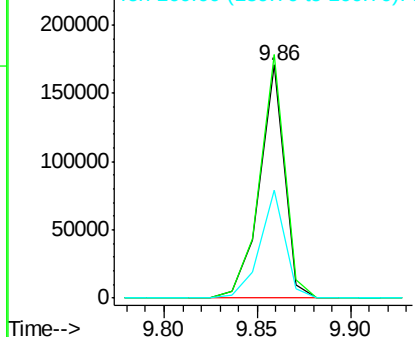


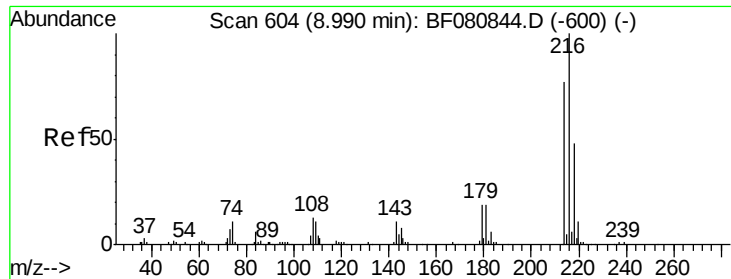
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.9	124.3
160	46.4	36.6	54.8



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: 24.41 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

Tot Ion:216 Resp: 130420

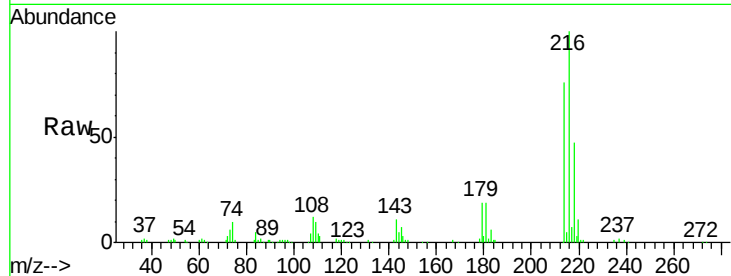
Ion Ratio Lower Upper

216 100

214 78.6 62.1 93.1

179 21.4 17.0 25.6

108 22.8 16.5 24.7

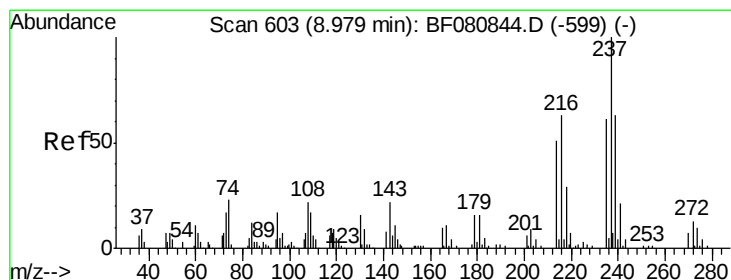
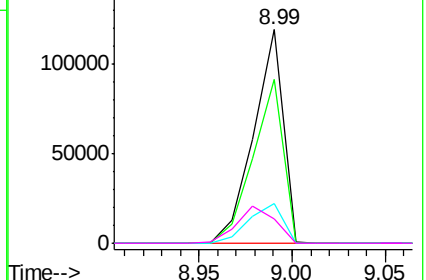
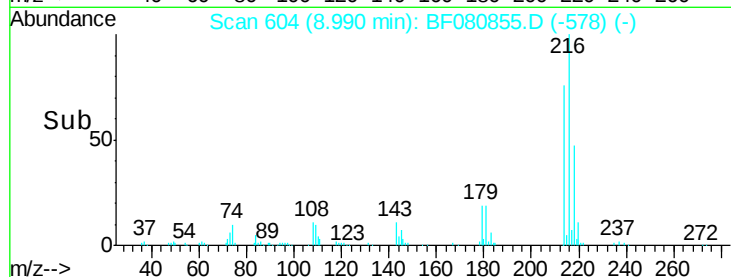


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 57.53 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

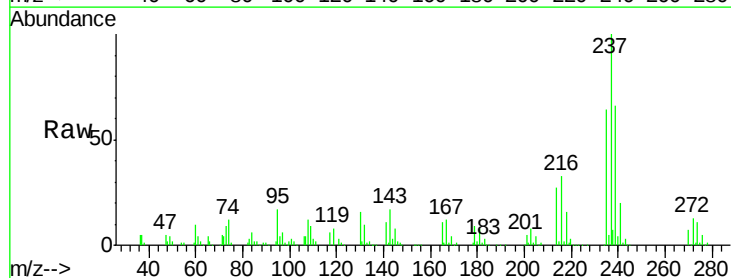
Tgt Ion:237 Resp: 184593

Ion Ratio Lower Upper

237 100

235 64.3 40.9 80.9

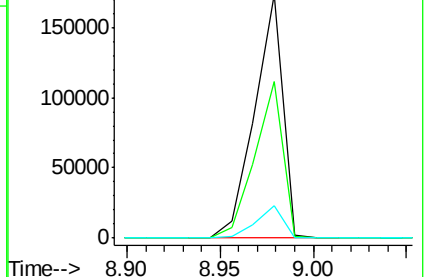
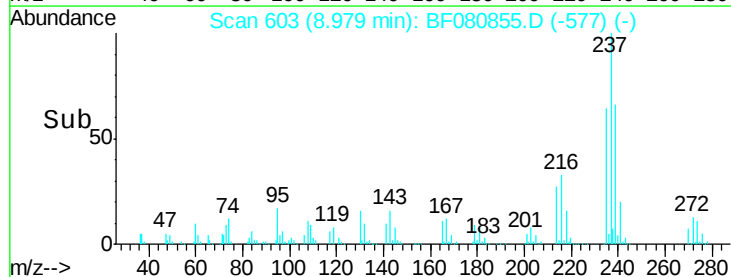
272 13.2 0.0 33.1

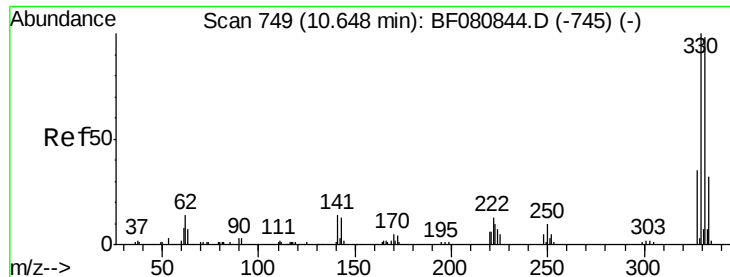


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

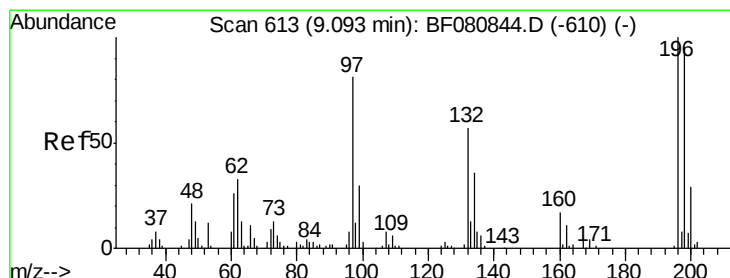
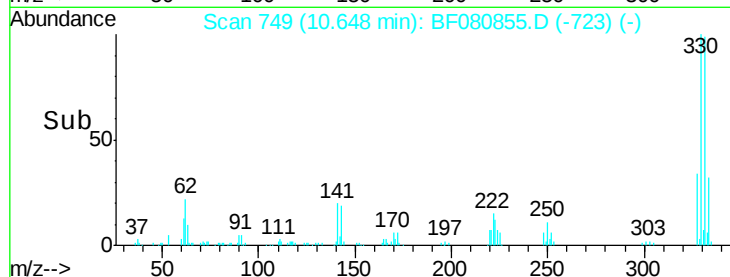
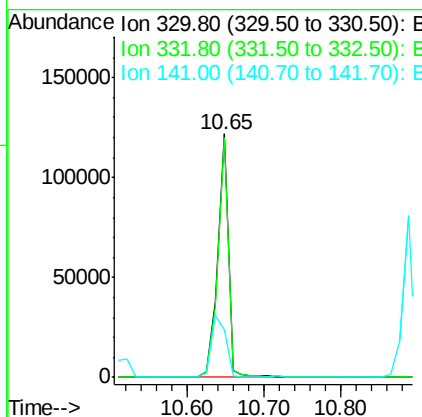
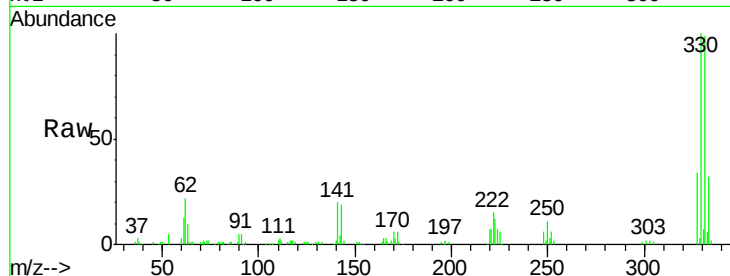




#41
 2,4,6-Tribromophenol
 Concen: 78.43 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

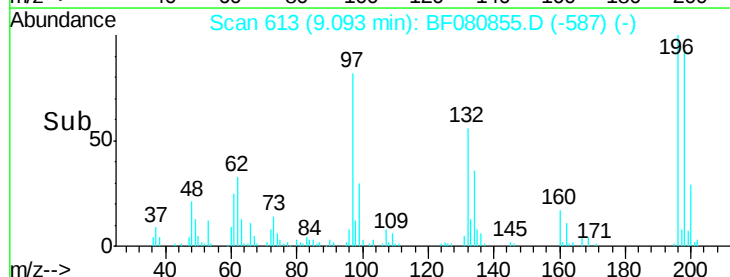
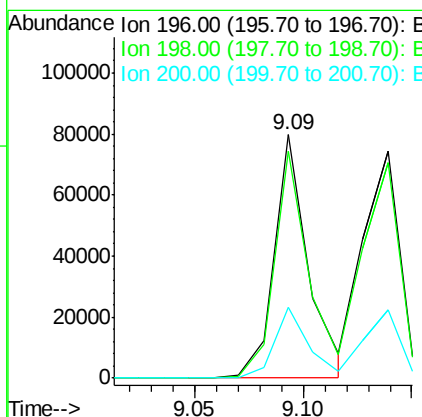
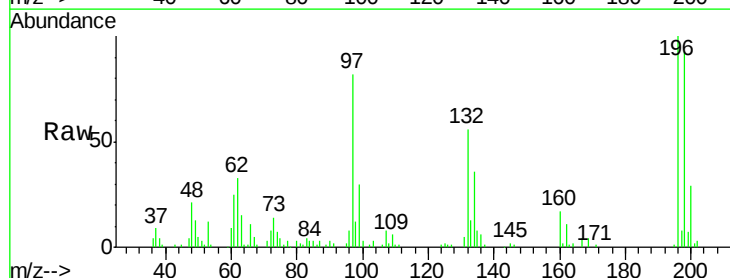
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

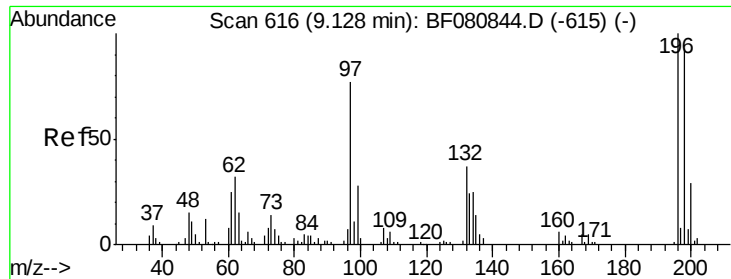
Tot Ion:330 Resp: 118419
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.8 116.8
 141 34.5 28.4 42.6



#42
 2,4,6-Trichlorophenol
 Concen: 24.09 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion:196 Resp: 87232
 Ion Ratio Lower Upper
 196 100
 198 93.1 76.4 114.6
 200 29.3 23.1 34.7

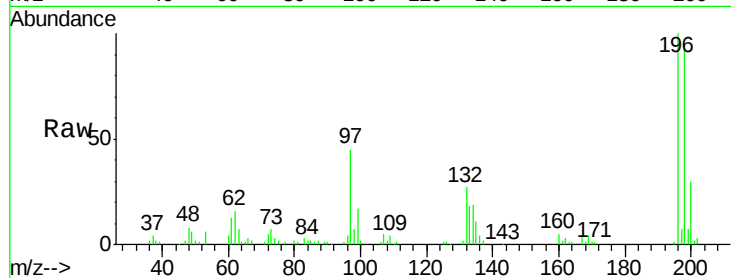




#43
 2,4,5-Trichlorophenol
 Concen: 26.16 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.2	111.4
97	45.0	63.0	94.6#
132	27.1	30.0	45.0#



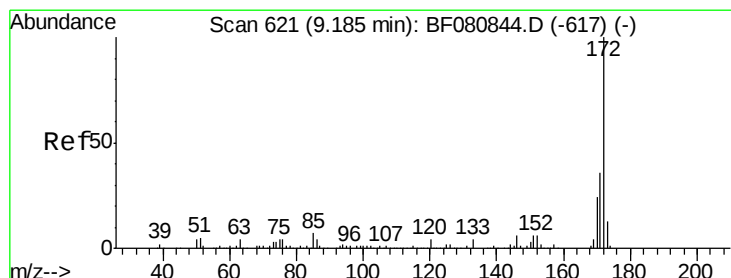
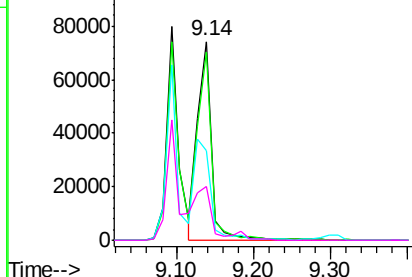
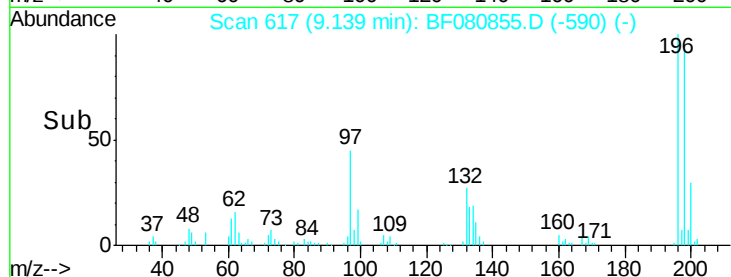
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

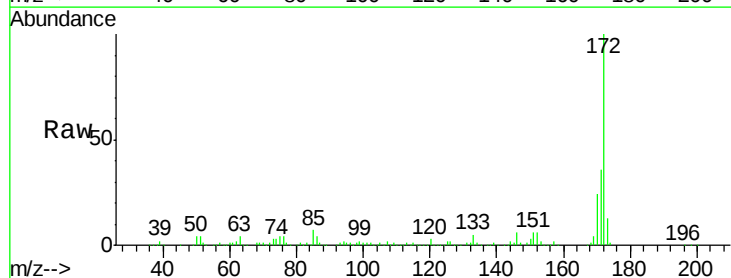
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 53.55 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.6	19.4	29.2

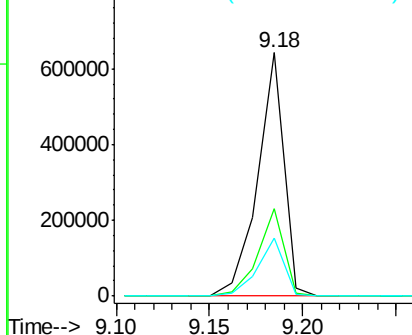
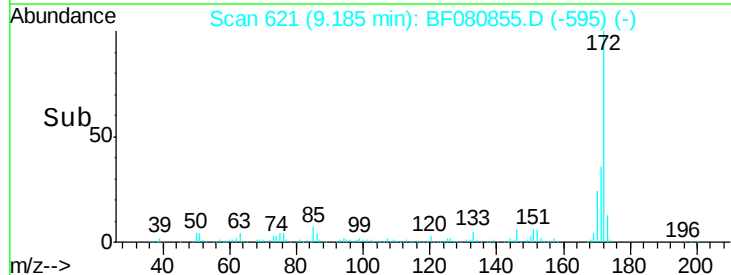


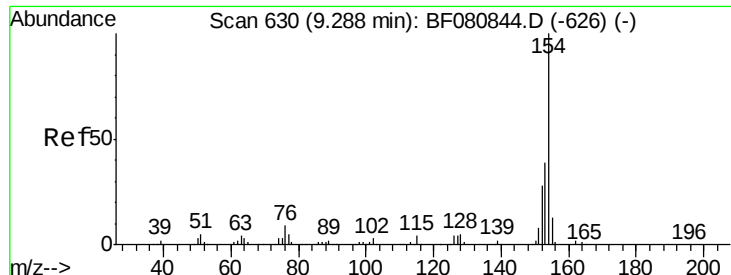
Abundance

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: 26.05 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

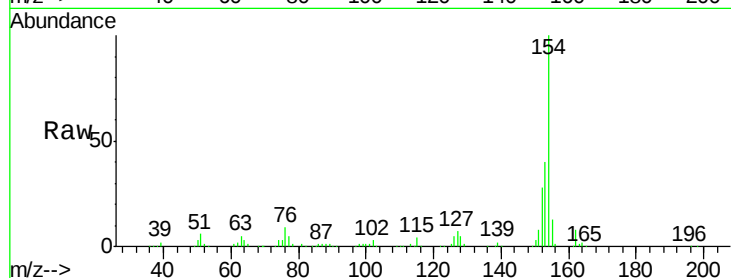
Tot Ion:154 Resp: 376006

Ion Ratio Lower Upper

154 100

153 39.6 19.2 59.2

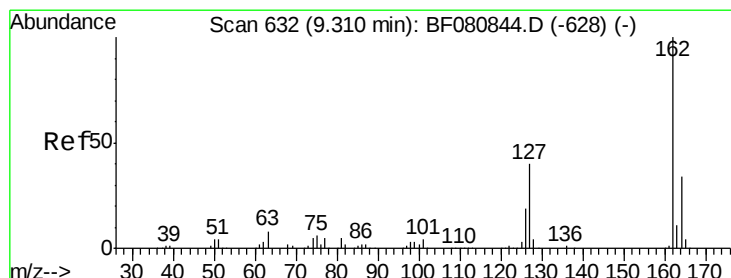
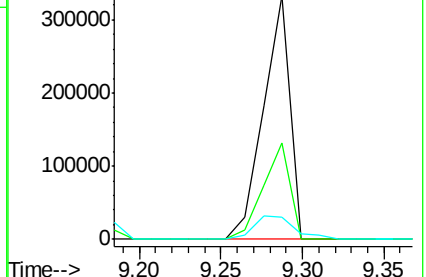
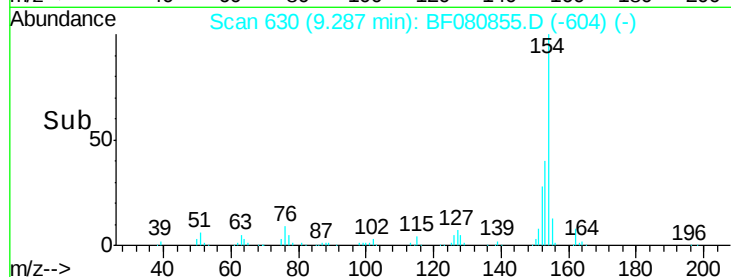
76 9.2 0.0 29.3



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: 25.35 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

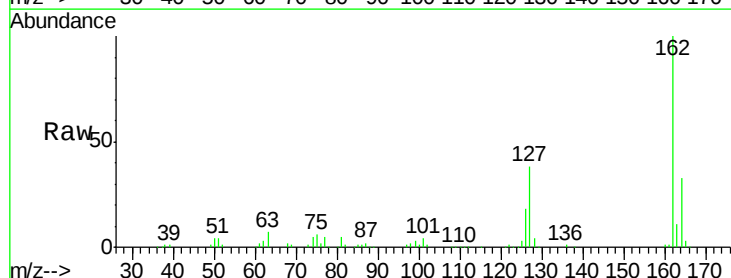
Tgt Ion:162 Resp: 284546

Ion Ratio Lower Upper

162 100

127 38.1 31.9 47.9

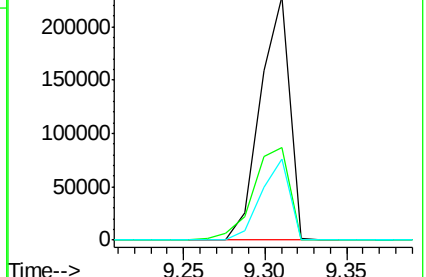
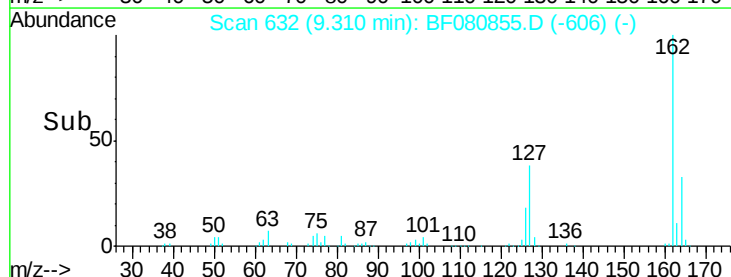
164 33.3 26.8 40.2

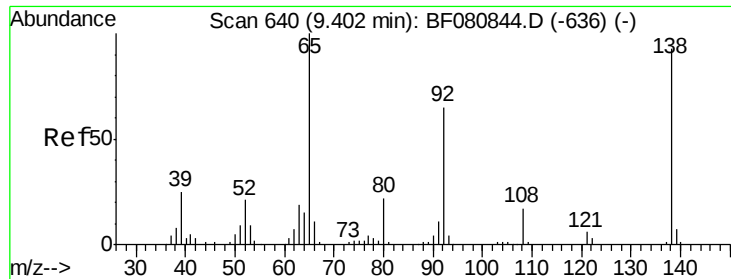


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

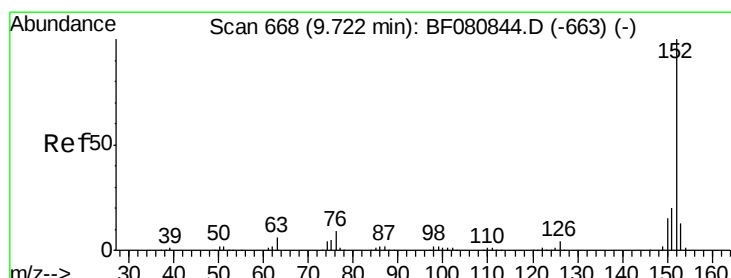
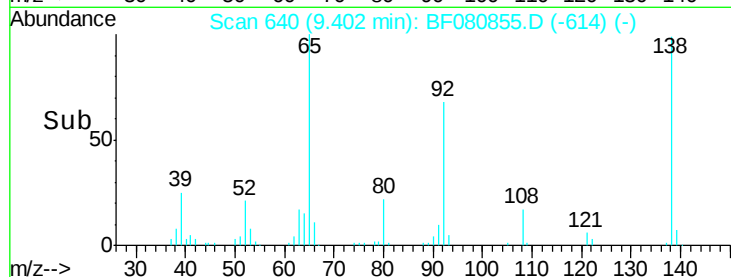
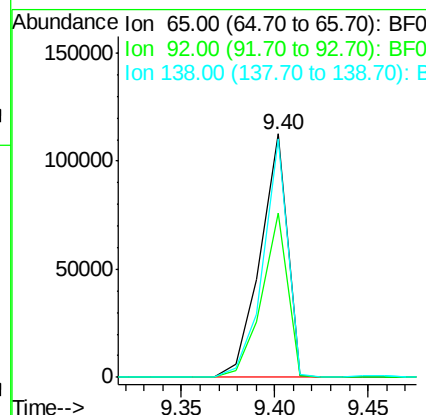
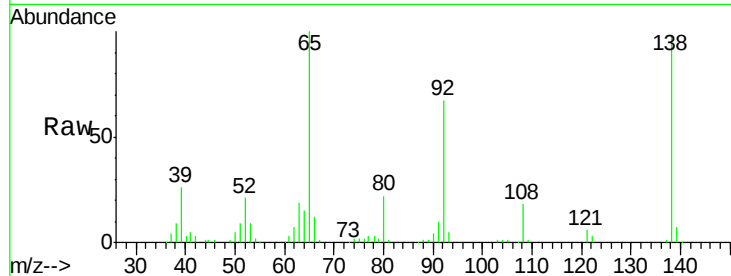




#47
 2-Nitroaniline
 Concen: 27.73 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

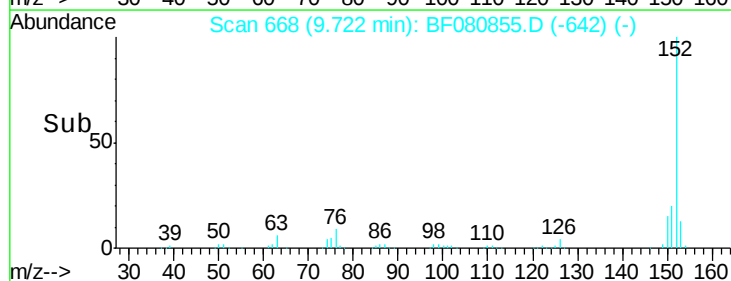
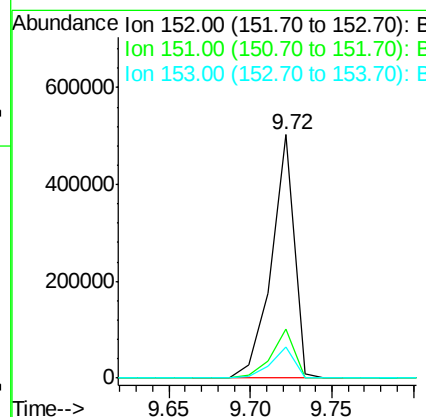
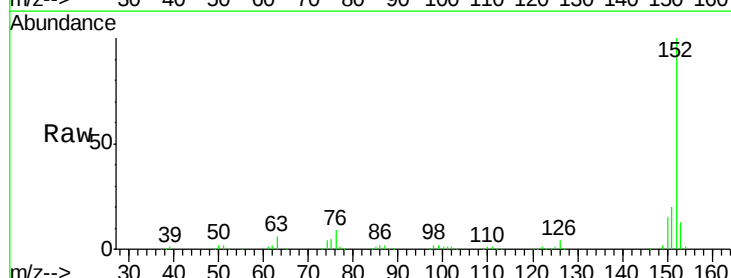
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

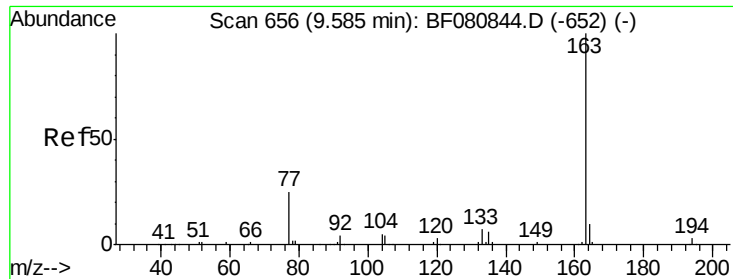
Tot Ion: 65 Resp: 113323
 Ion Ratio Lower Upper
 65 100
 92 67.3 51.7 77.5
 138 98.1 74.2 111.2



#48
 Acenaphthylene
 Concen: 26.47 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion: 152 Resp: 488991
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 12.9 10.6 15.8

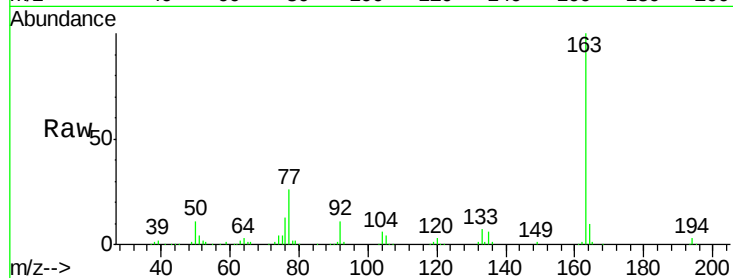




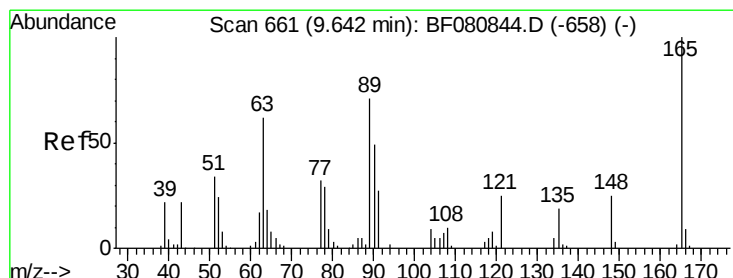
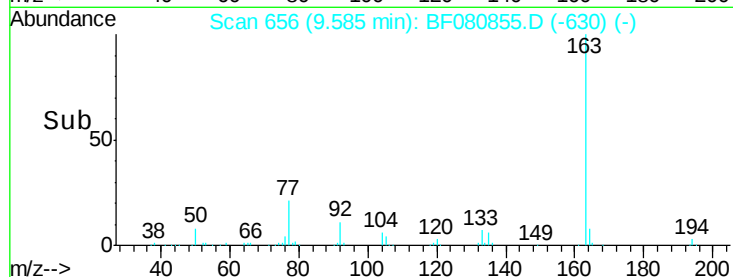
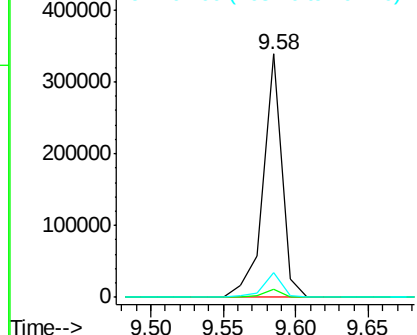
#49
Dimethylphthalate
Concen: 26.45 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion:163 Resp: 302034
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.2 8.2 12.4

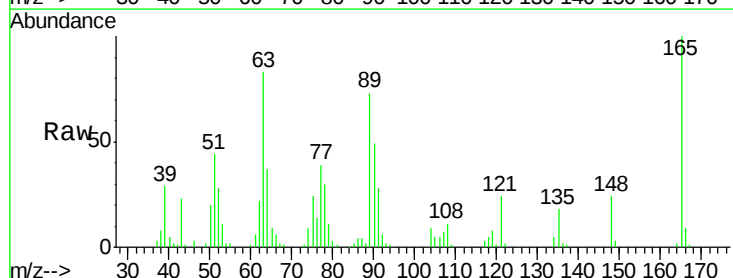


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

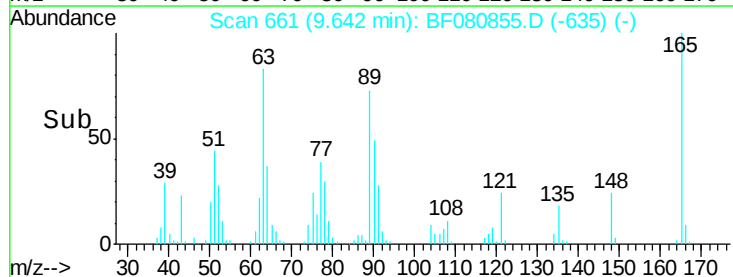
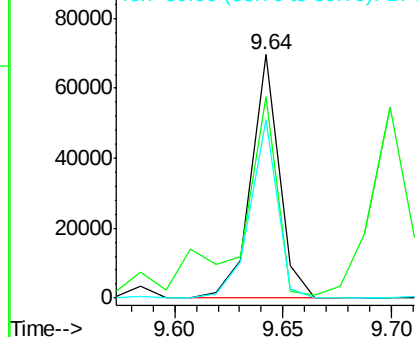


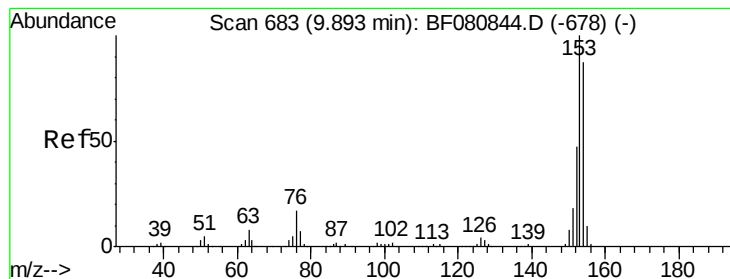
#50
2,6-Dinitrotoluene
Concen: 26.28 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion:165 Resp: 62754
Ion Ratio Lower Upper
165 100
63 82.7 65.0 97.6
89 73.4 56.6 85.0



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





#51

Acenaphthene

Concen: 29.67 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

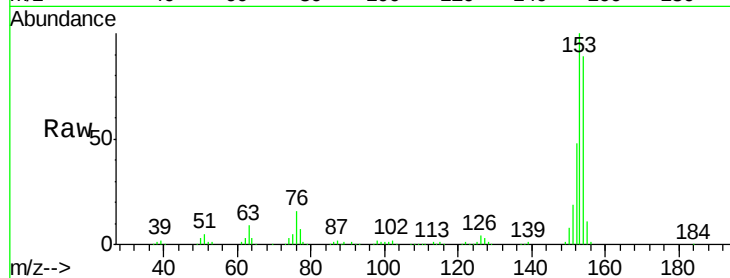
Tot Ion:154 Resp: 329486

Ion Ratio Lower Upper

154 100

153 112.9 91.8 137.6

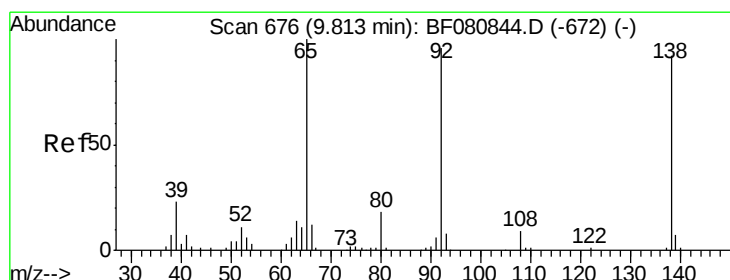
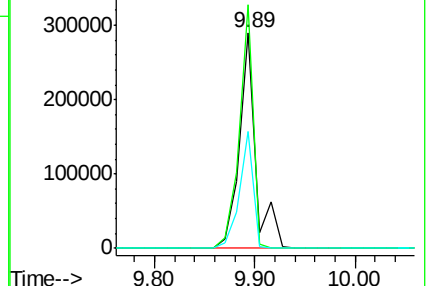
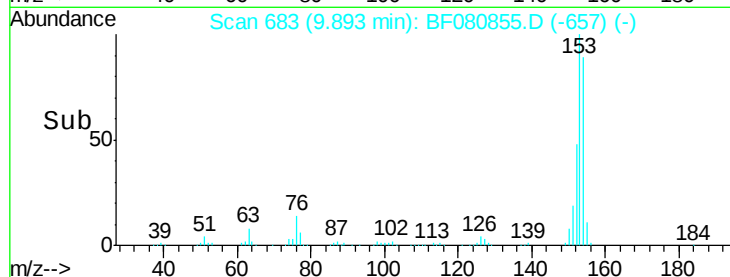
152 53.9 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.13 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

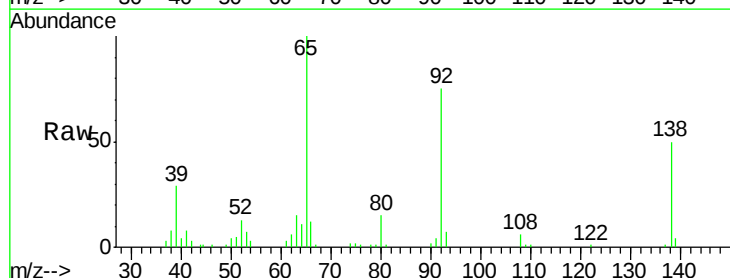
Tgt Ion:138 Resp: 41675

Ion Ratio Lower Upper

138 100

108 11.2 7.9 11.9

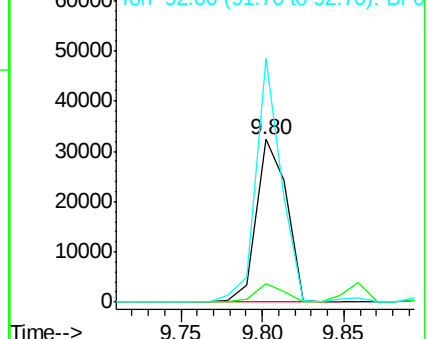
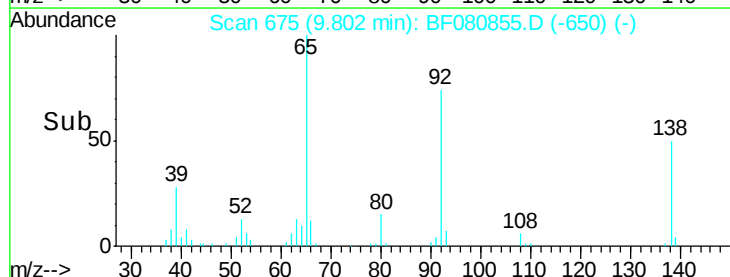
92 149.9 83.7 125.5#

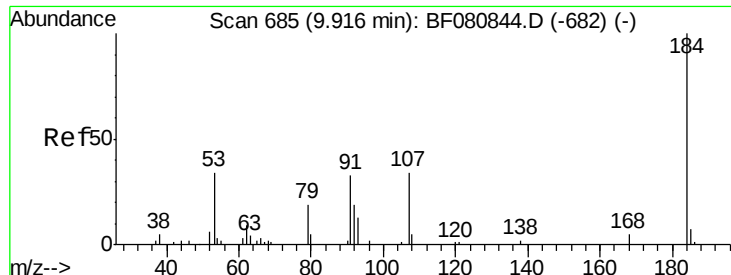


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

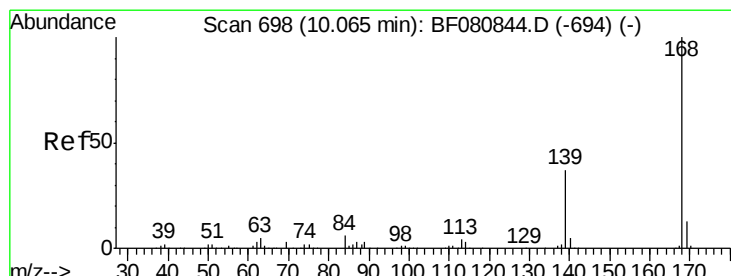
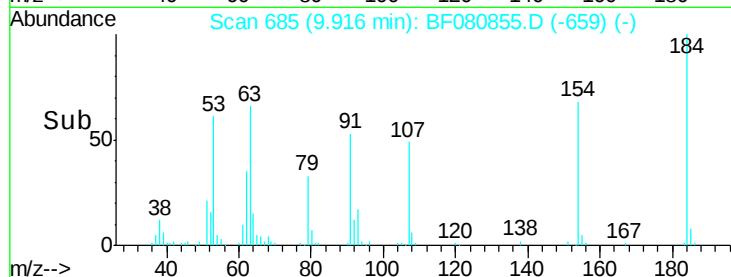
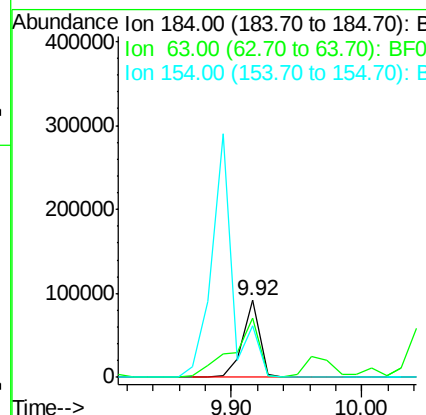
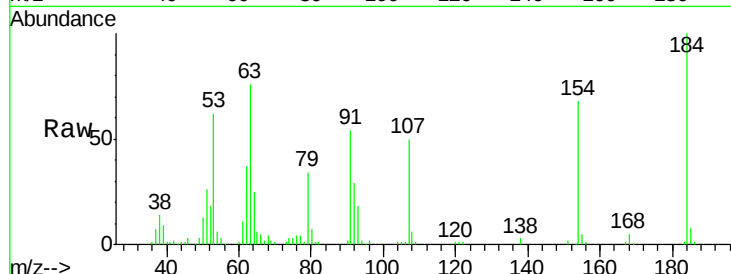




#53
 2,4-Dinitrophenol
 Concen: 54.79 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

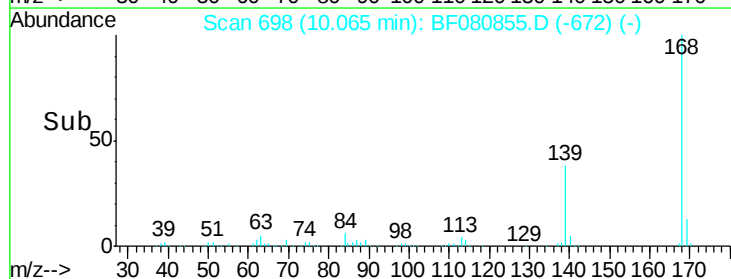
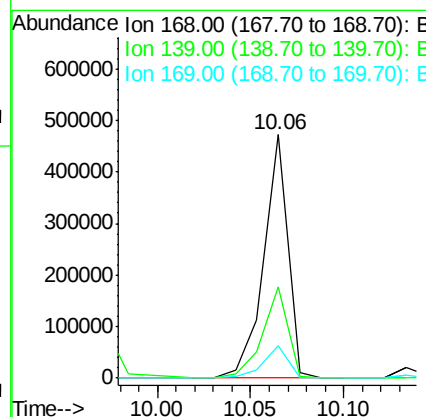
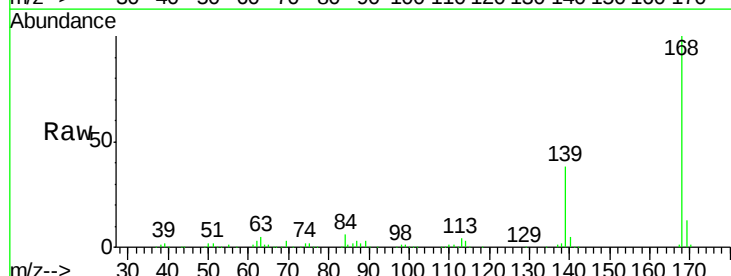
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

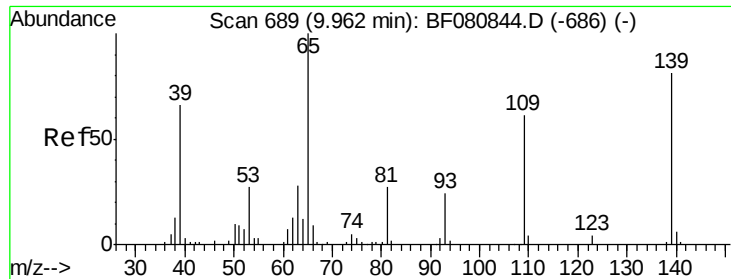
Tot Ion:184 Resp: 82415
 Ion Ratio Lower Upper
 184 100
 63 76.4 33.8 50.6#
 154 67.9 44.2 66.2#



#54
 Dibenzofuran
 Concen: 28.26 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion:168 Resp: 418509
 Ion Ratio Lower Upper
 168 100
 139 37.6 30.0 45.0
 169 13.2 10.6 16.0

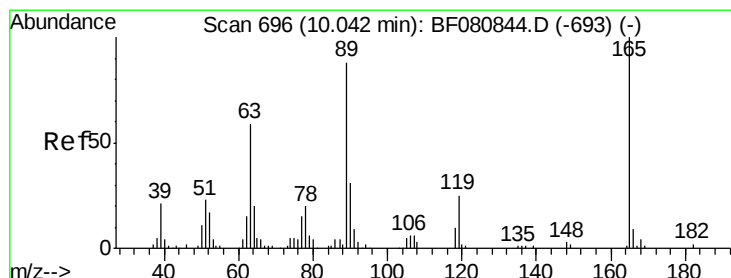
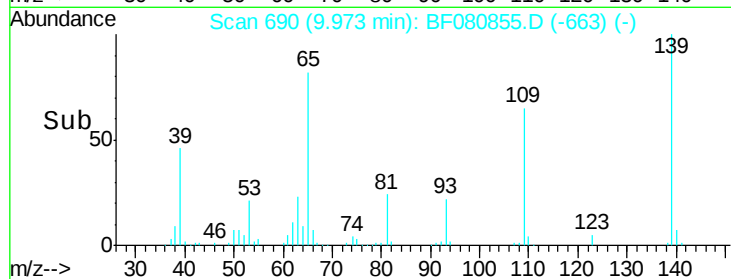
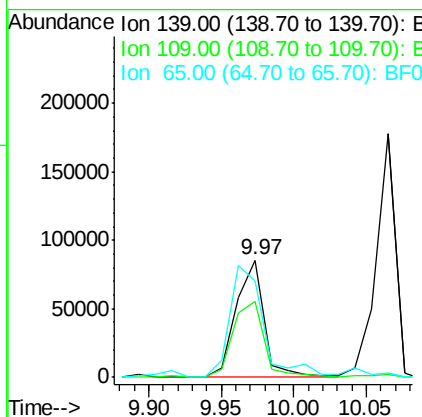
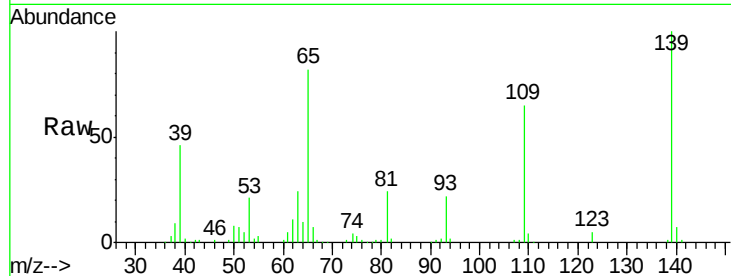




#55
4-Nitrophenol
Concen: 55.95 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

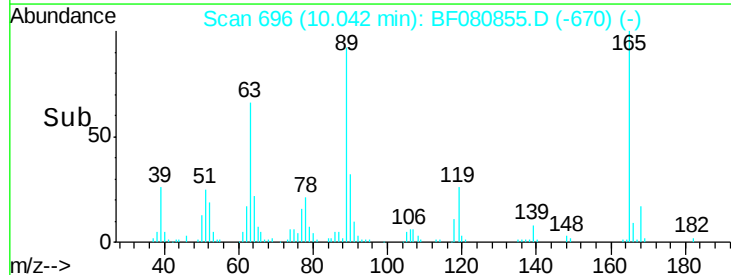
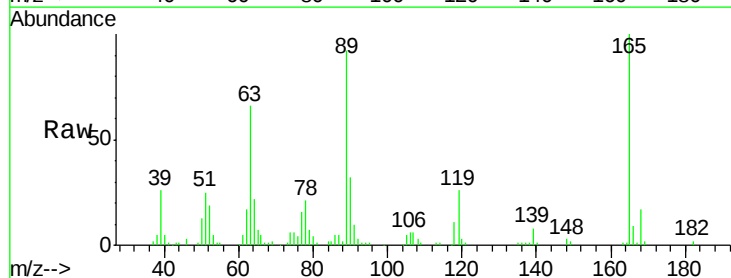
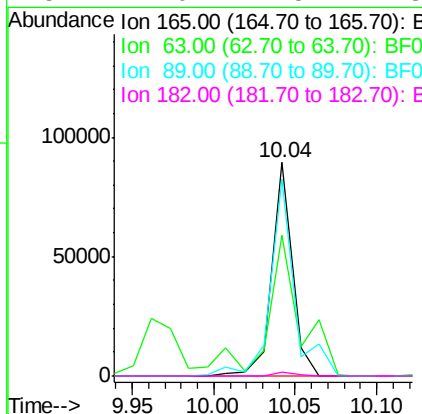
Instrument :
BNA_F
ClientSampleId :
PB84838BSD

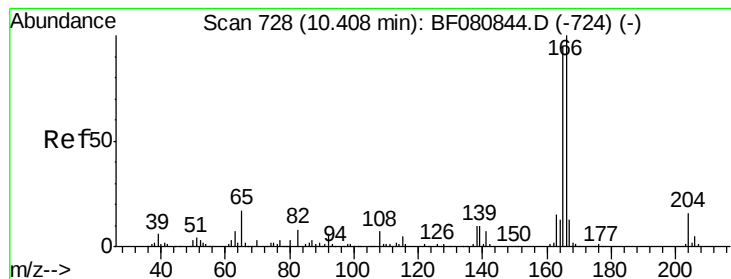
Tot Ion:139 Resp: 116097
Ion Ratio Lower Upper
139 100
109 64.7 54.4 94.4
65 82.3 103.0 143.0#



#56
2,4-Dinitrotoluene
Concen: 25.86 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion:165 Resp: 77977
Ion Ratio Lower Upper
165 100
63 65.8 47.2 70.8
89 92.3 70.2 105.2
182 2.0 1.5 2.3





#57

Fluorene

Concen: 26.35 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

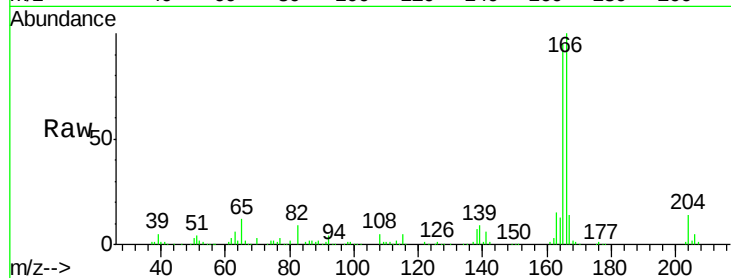
Tot Ion:166 Resp: 297978

Ion Ratio Lower Upper

166 100

165 94.6 76.2 114.2

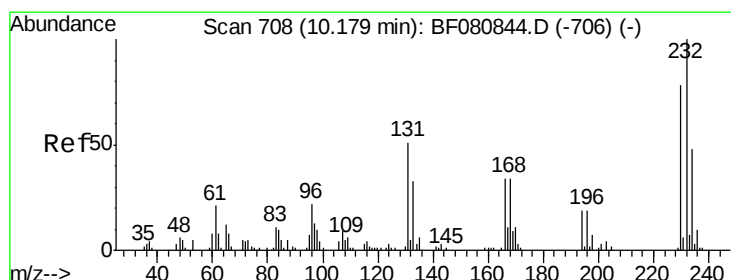
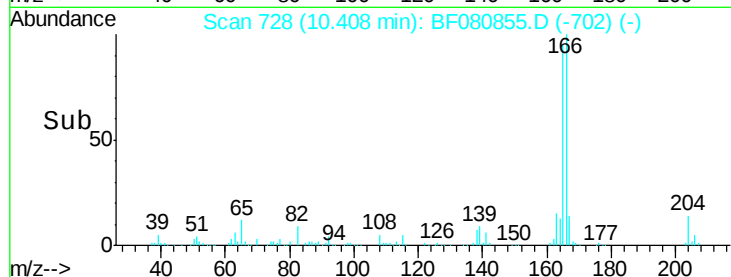
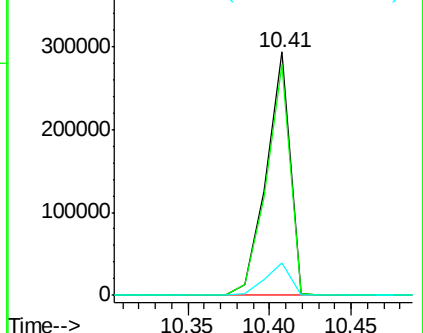
167 13.5 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.09 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Tgt Ion:232 Resp: 75818

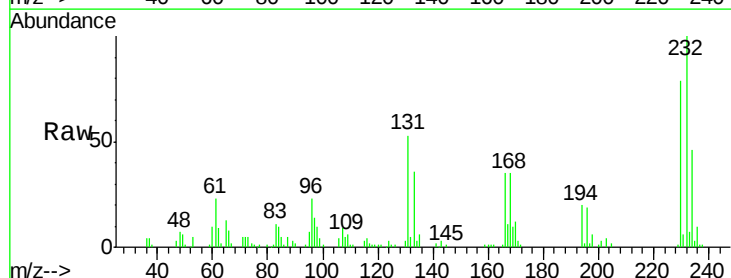
Ion Ratio Lower Upper

232 100

131 52.4 43.7 65.5

130 2.3 1.9 2.9

166 32.8 26.9 40.3

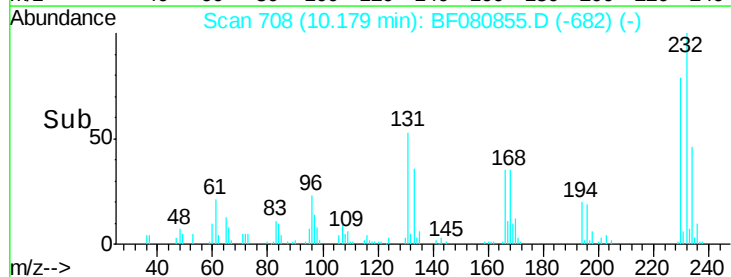
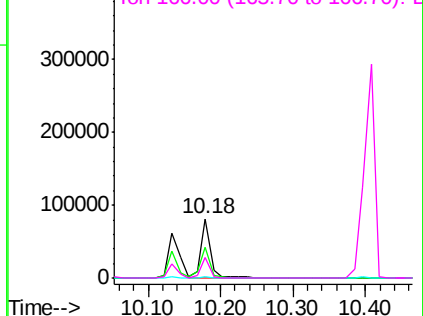


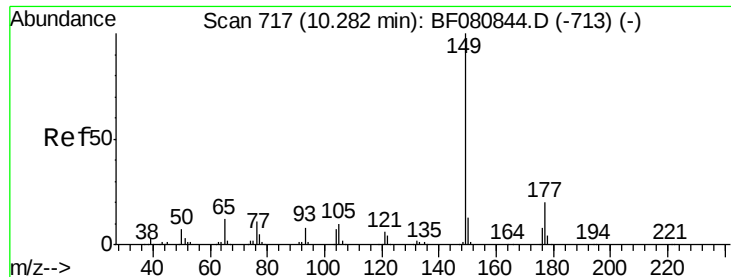
Abundance Ion 232.00 (231.70 to 232.70): E

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

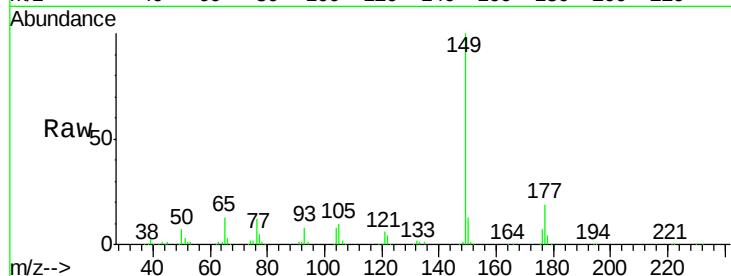




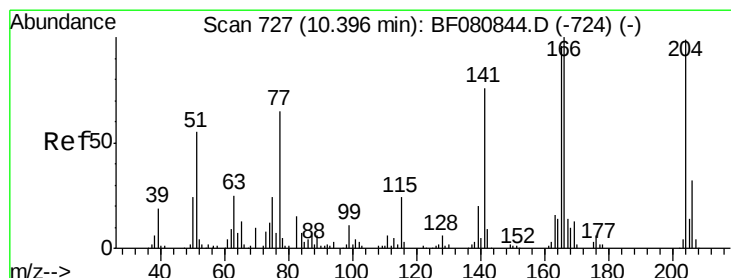
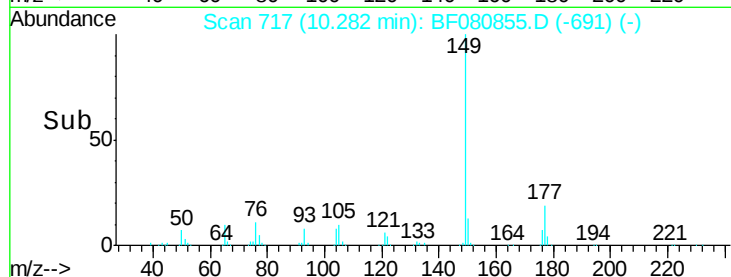
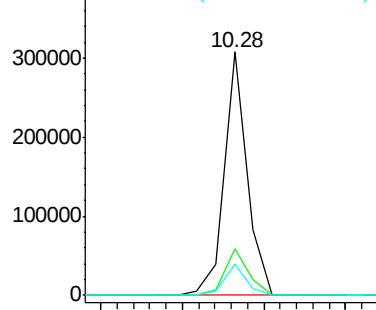
#59
Diethylphthalate
Concen: 26.45 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.1	15.8	23.8
150	12.8	10.2	15.2

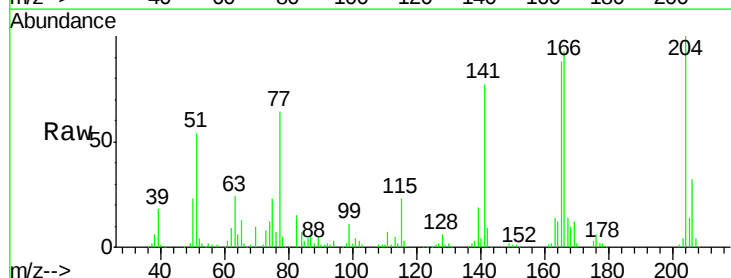


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

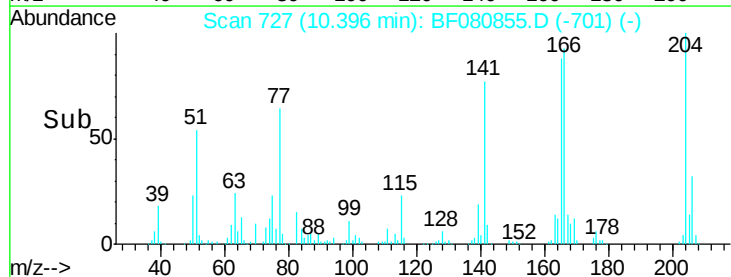
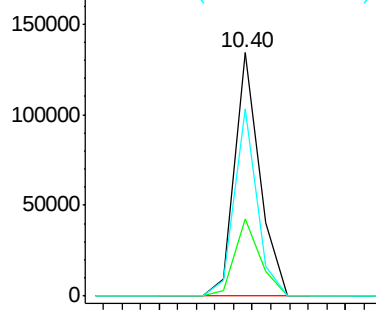


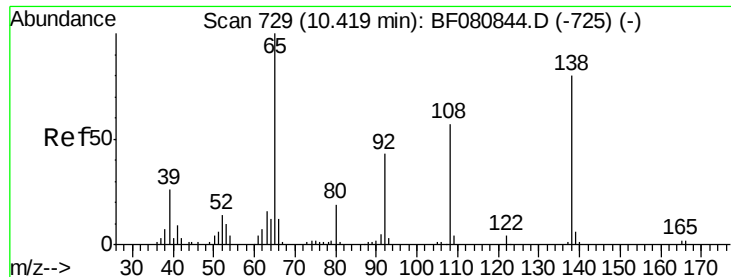
#60
4-Chlorophenyl-phenylether
Concen: 26.44 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.8	38.8
141	76.7	61.4	92.2



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

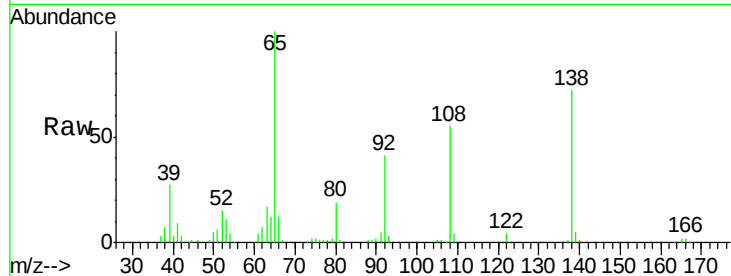




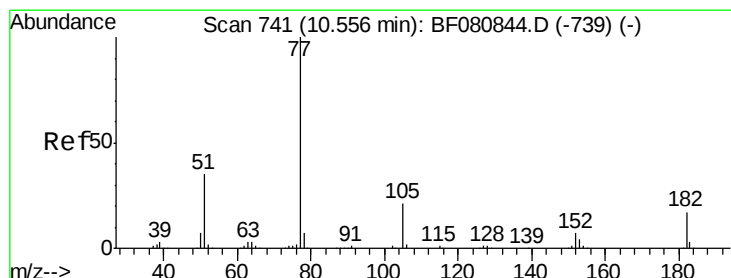
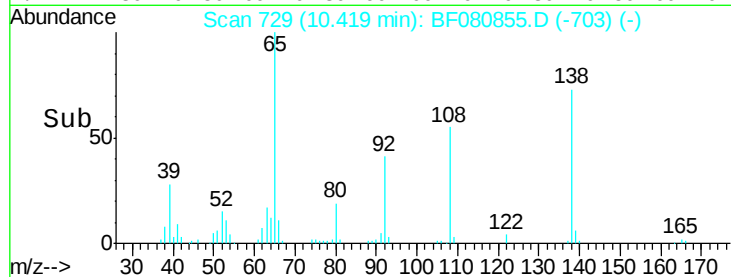
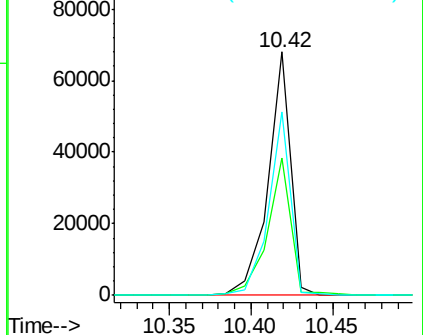
#61
4-Nitroaniline
Concen: 24.86 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion:138 Resp: 65443
Ion Ratio Lower Upper
138 100
92 56.4 33.5 73.5
108 75.5 52.3 92.3

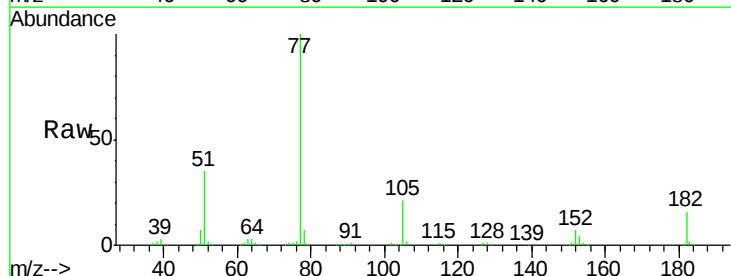


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

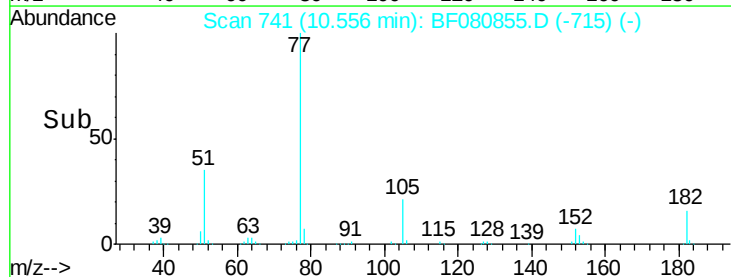
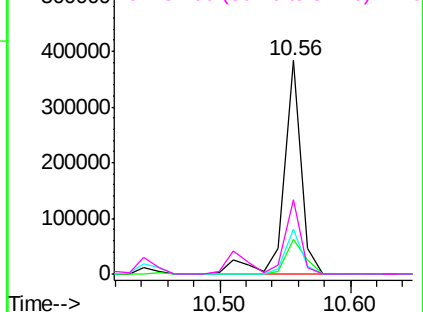


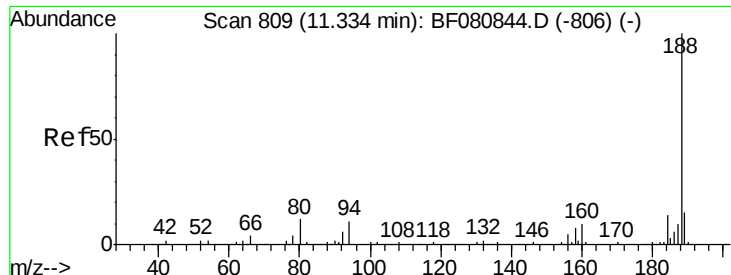
#62
Azobenzene
Concen: 27.24 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion: 77 Resp: 360191
Ion Ratio Lower Upper
77 100
182 16.1 0.0 37.0
105 21.0 1.3 41.3
51 35.0 14.6 54.6



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

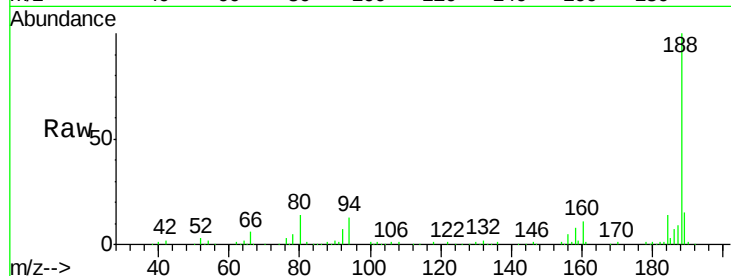




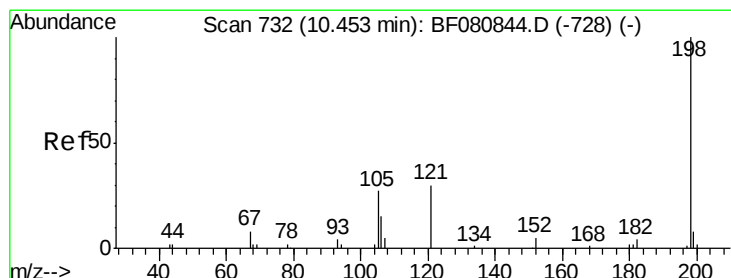
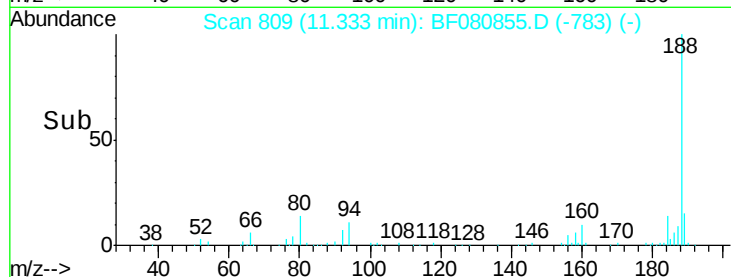
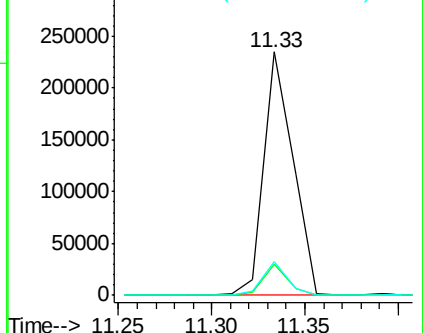
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion:188 Resp: 253078
Ion Ratio Lower Upper
188 100
94 12.9 8.6 12.8#
80 14.1 9.3 13.9#

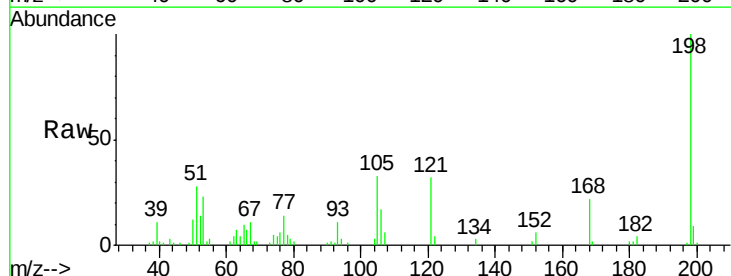


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

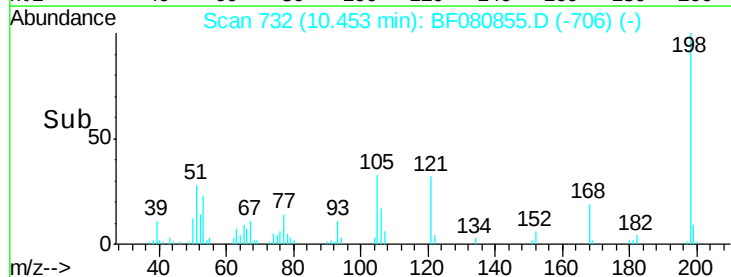
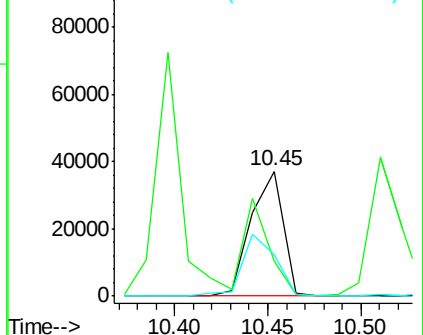


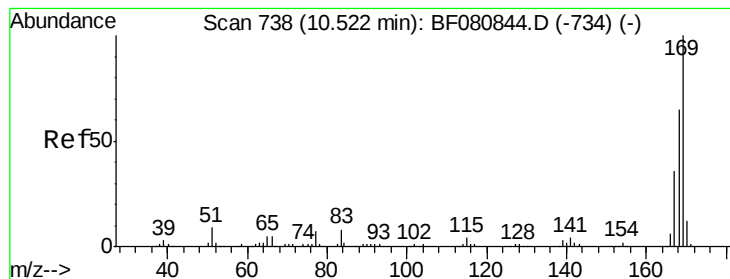
#64
4,6-Dinitro-2-methylphenol
Concen: 27.18 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion:198 Resp: 44252
Ion Ratio Lower Upper
198 100
51 28.2 4.7 44.7
105 33.0 8.5 48.5



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: 26.34 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

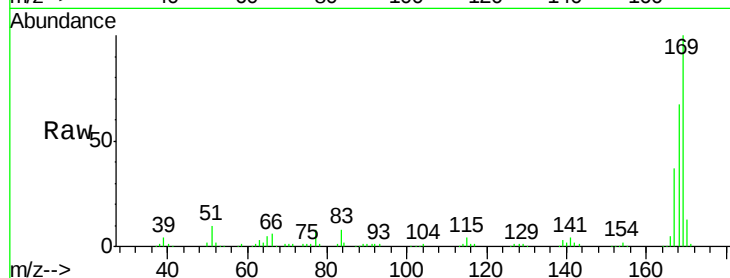
Tot Ion:169 Resp: 255354

Ion Ratio Lower Upper

169 100

168 66.6 52.2 78.4

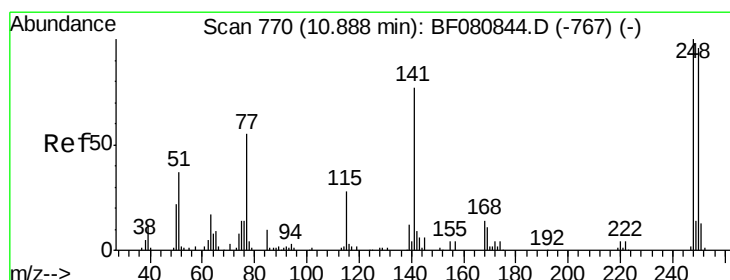
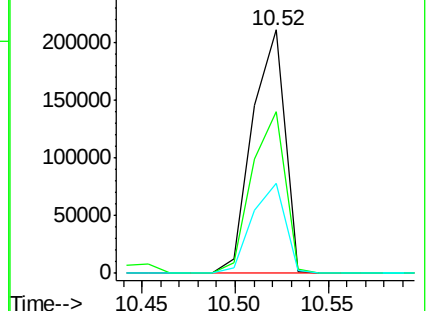
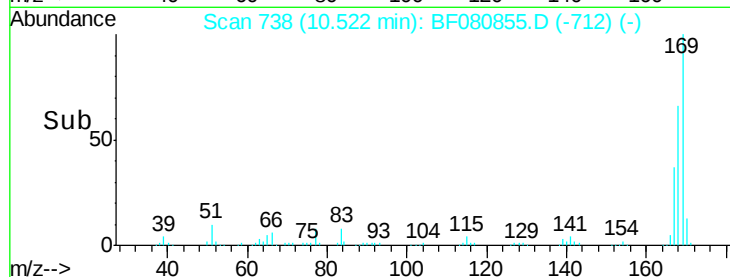
167 37.1 29.2 43.8



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: 28.82 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

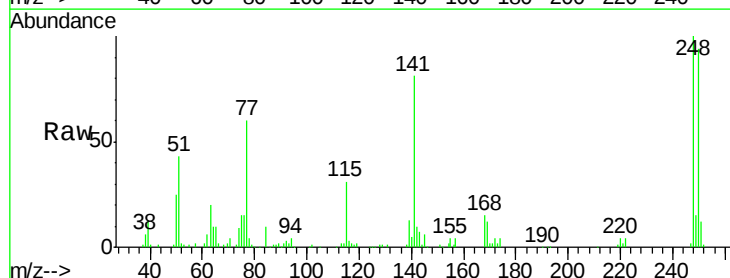
Tgt Ion:248 Resp: 80734

Ion Ratio Lower Upper

248 100

250 94.2 77.2 115.8

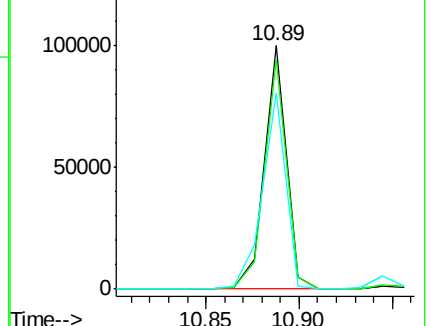
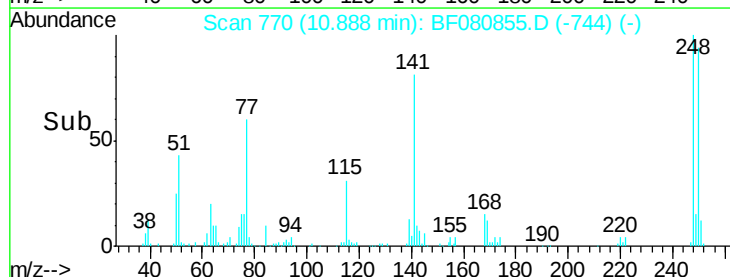
141 80.8 61.4 92.0

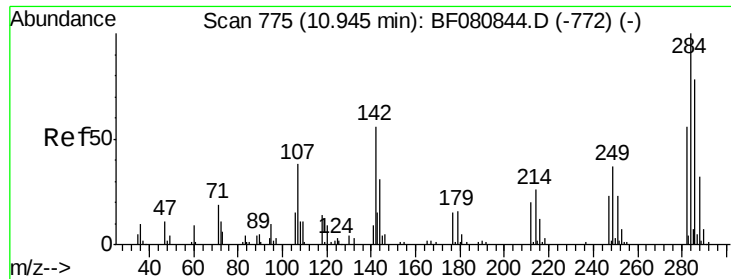


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

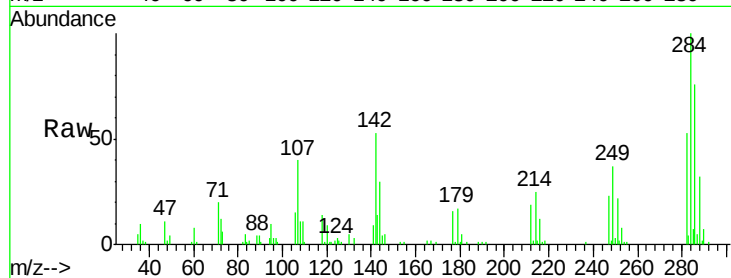




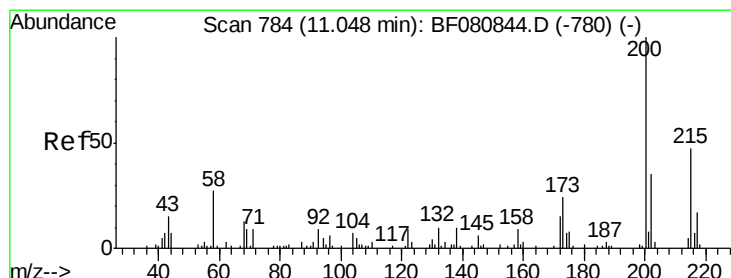
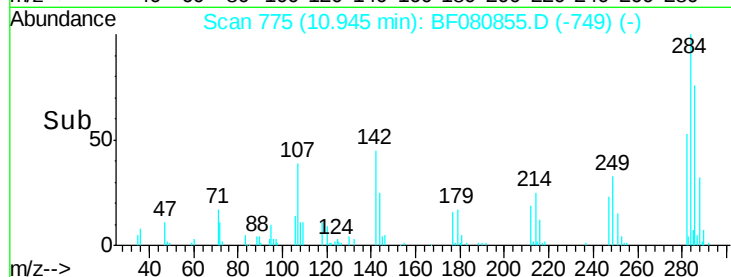
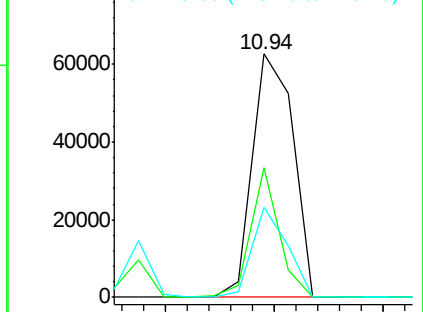
#67
Hexachlorobenzene
Concen: 26.72 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion:284 Resp: 81732
Ion Ratio Lower Upper
284 100
142 53.3 44.4 66.6
249 36.8 29.3 43.9

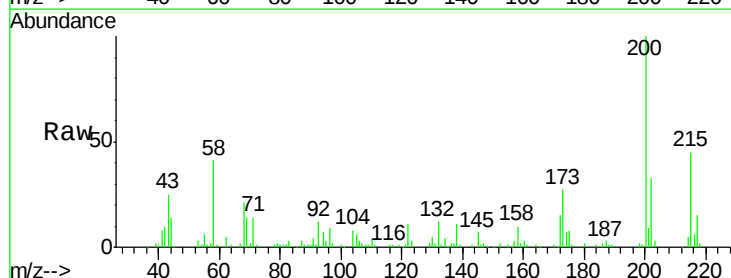


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

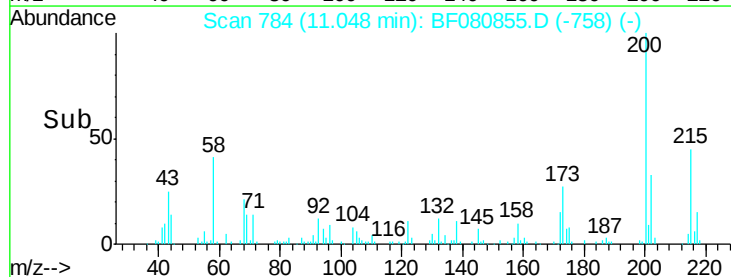
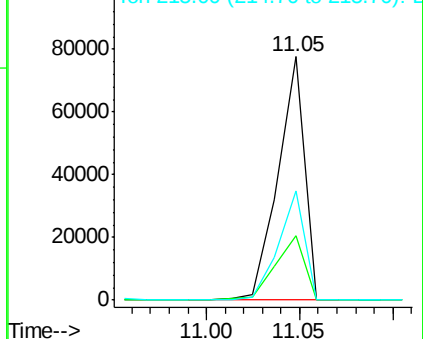


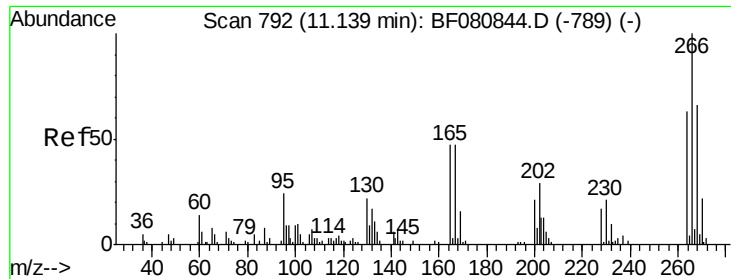
#68
Atrazine
Concen: 30.30 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion:200 Resp: 76467
Ion Ratio Lower Upper
200 100
173 26.7 4.8 44.8
215 44.9 27.1 67.1



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

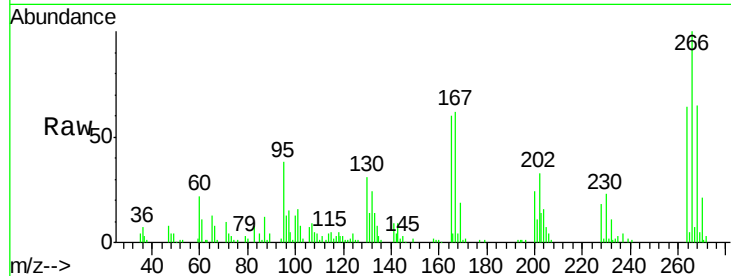




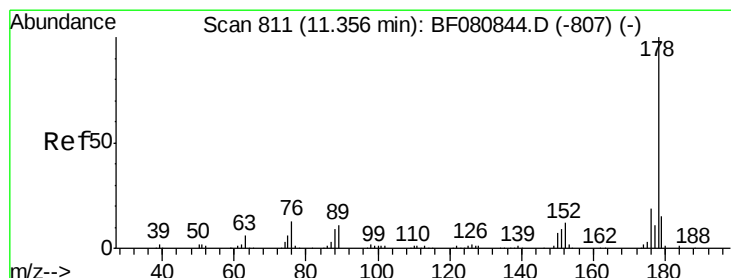
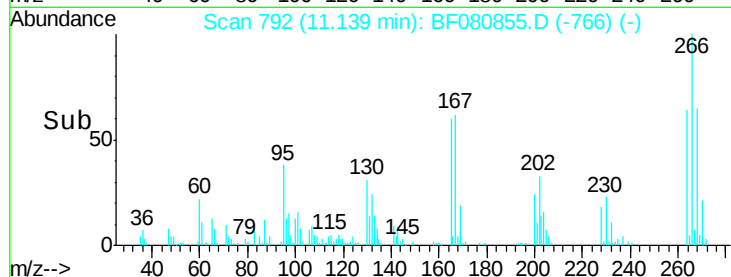
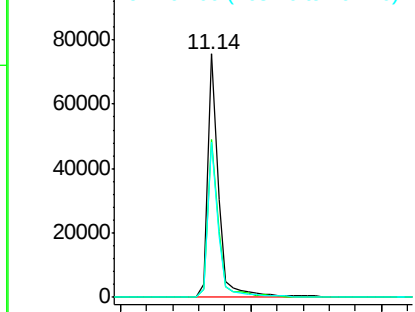
#69
 Pentachlorophenol
 Concen: 52.56 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion:266 Resp: 87620
 Ion Ratio Lower Upper
 266 100
 268 65.0 52.6 78.8
 264 64.0 50.7 76.1

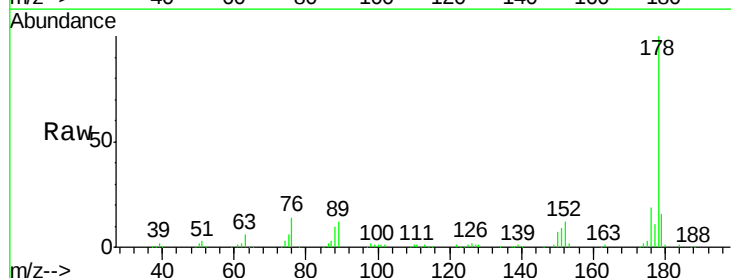


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

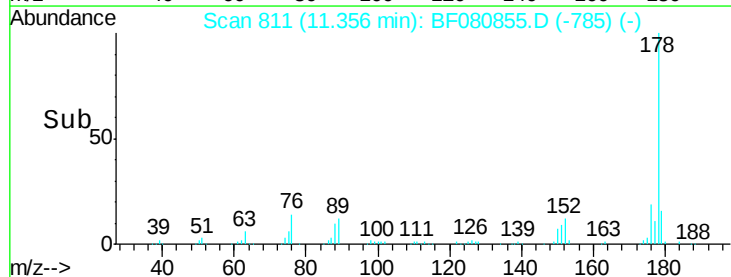
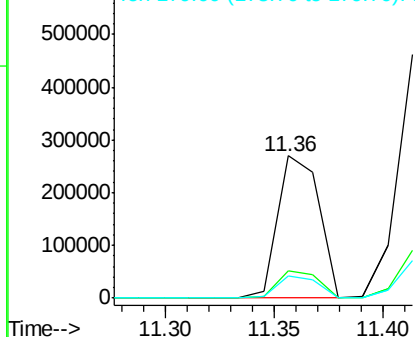


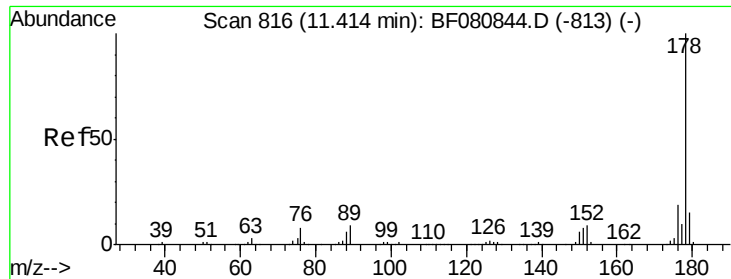
#70
 Phenanthrene
 Concen: 24.55 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion:178 Resp: 358930
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 15.7 12.3 18.5



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

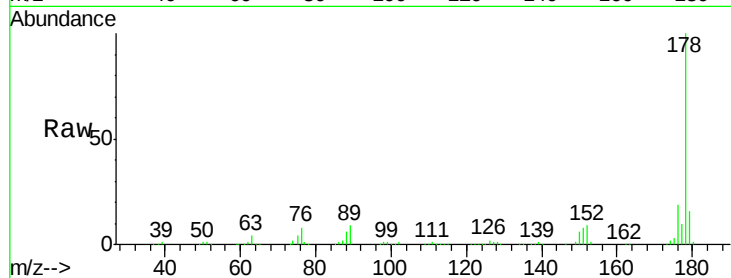




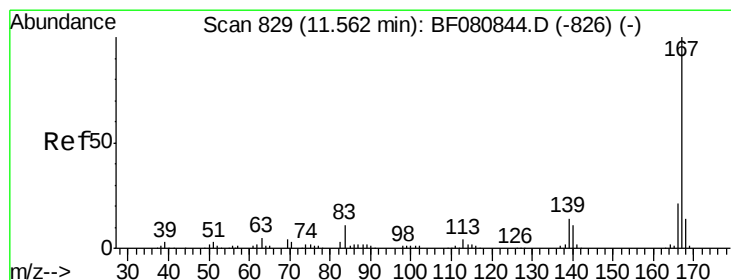
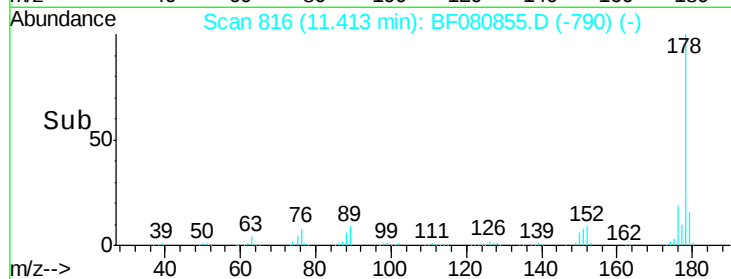
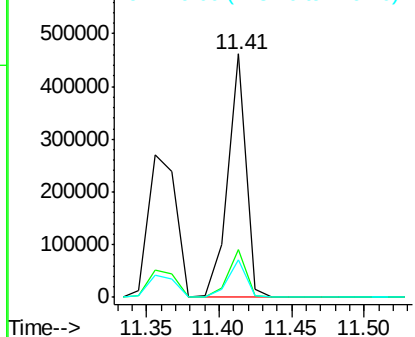
#71
 Anthracene
 Concen: 28.13 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion:178 Resp: 399722
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.5 12.2 18.4

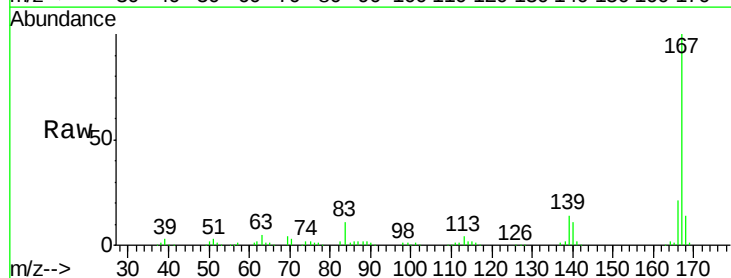


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

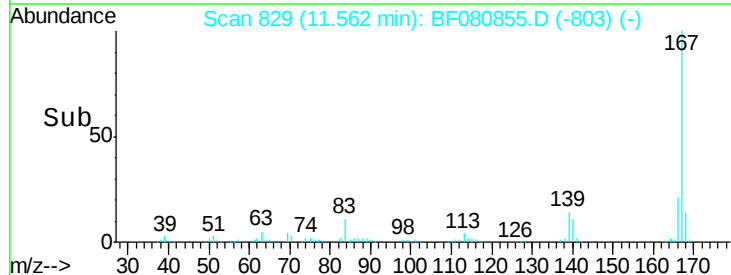
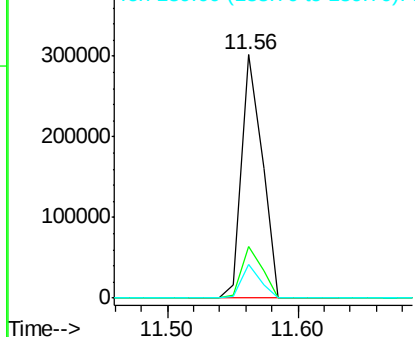


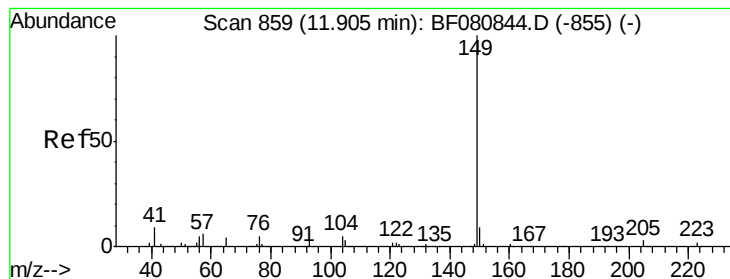
#72
 Carbazole
 Concen: 24.63 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion:167 Resp: 330067
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.6 25.0
 139 13.8 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 28.46 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

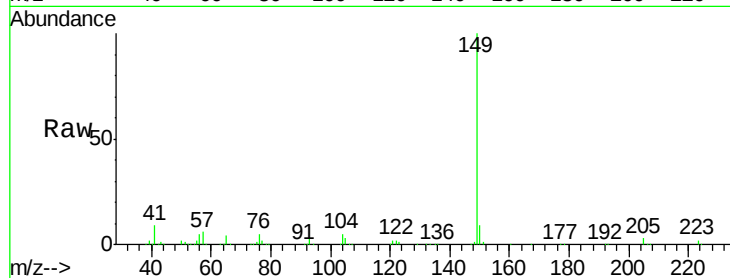
Tot Ion:149 Resp: 451667

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

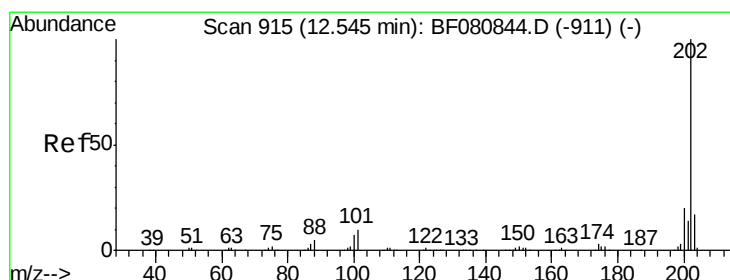
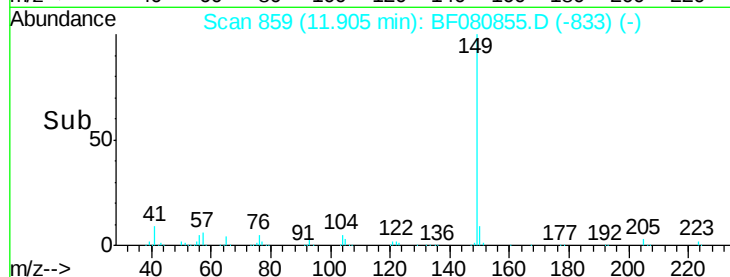
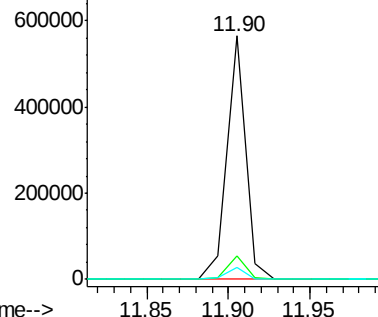
104 4.9 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.78 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

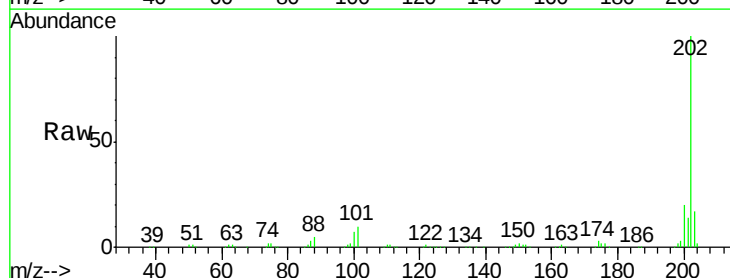
Tgt Ion:202 Resp: 395582

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.9

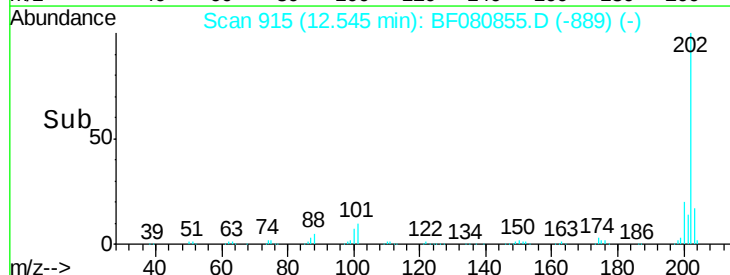
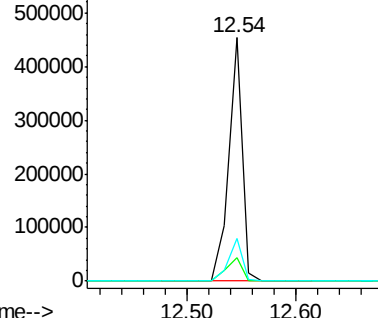
203 17.4 0.0 37.4

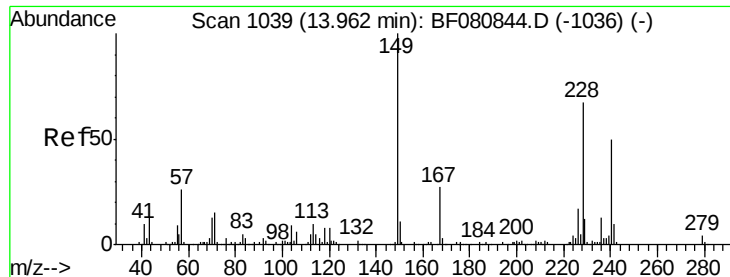


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

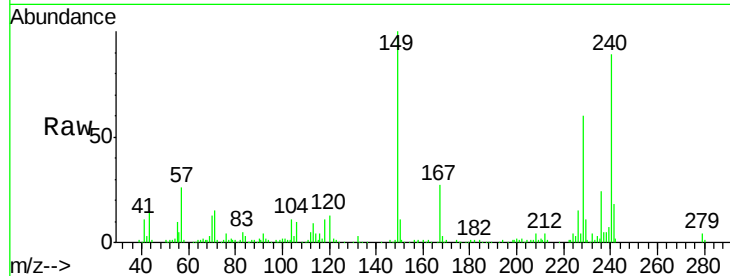
Tot Ion:240 Resp: 141483

Ion Ratio Lower Upper

240 100

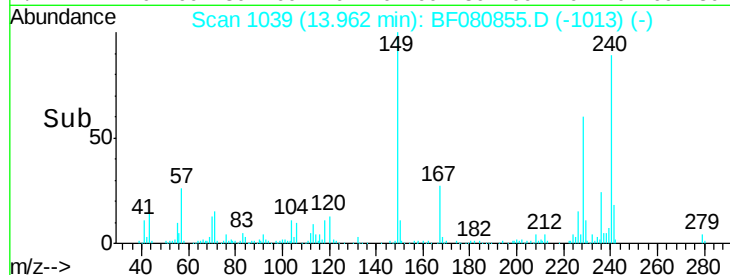
120 14.7 13.0 19.6

236 26.4 20.7 31.1

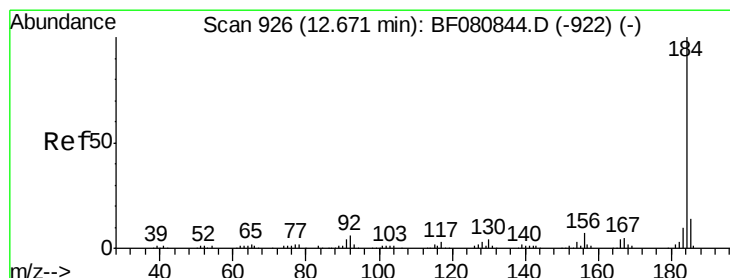


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.96



Time--> 13.90 14.00



#76

Benzidine

Concen: 18.07 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

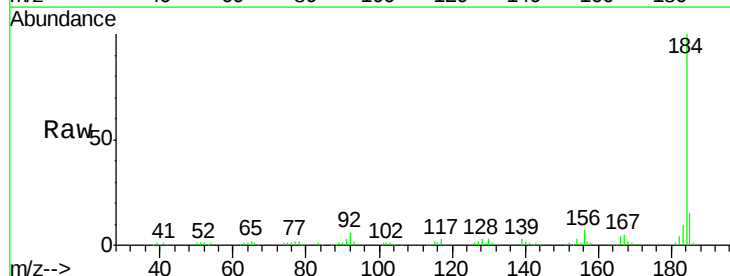
Tgt Ion:184 Resp: 123759

Ion Ratio Lower Upper

184 100

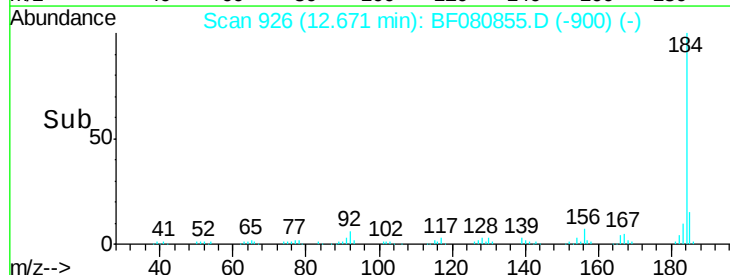
185 14.5 11.4 17.2

183 10.4 8.4 12.6

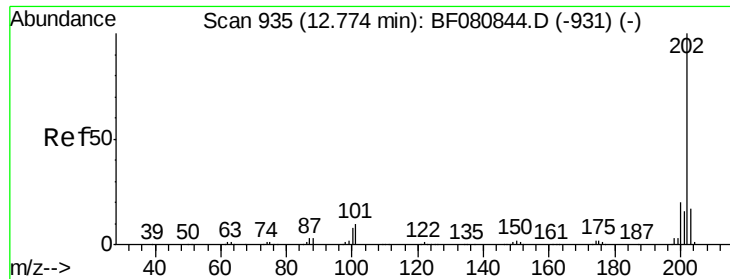


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

12.67



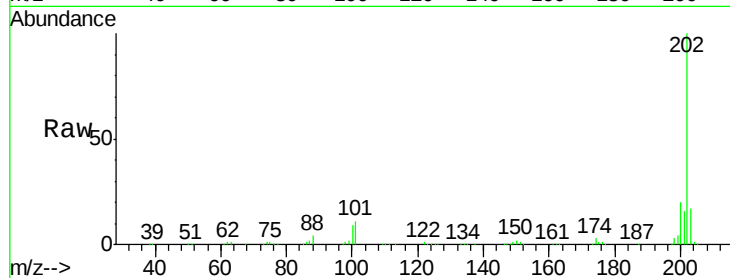
Time--> 12.60 12.70



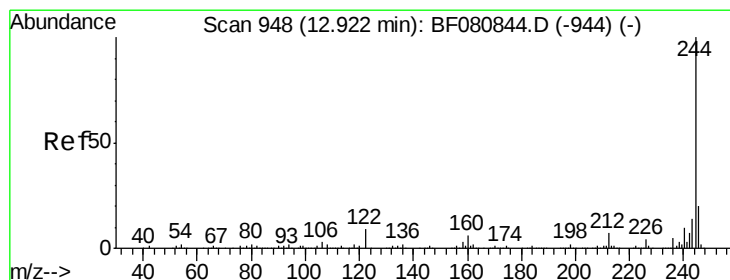
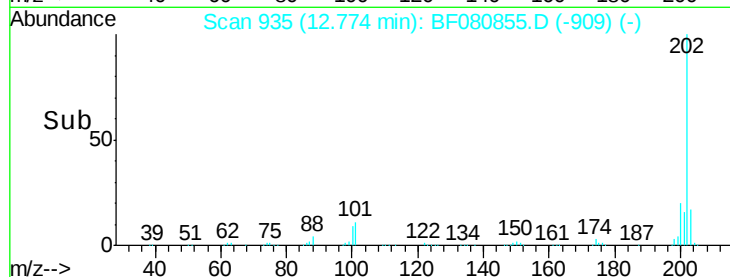
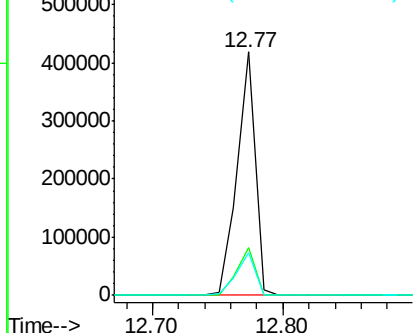
#77
Pvrene
Concen: 31.55 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampled :
PB84838BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.1	24.1
203	17.3	13.6	20.4

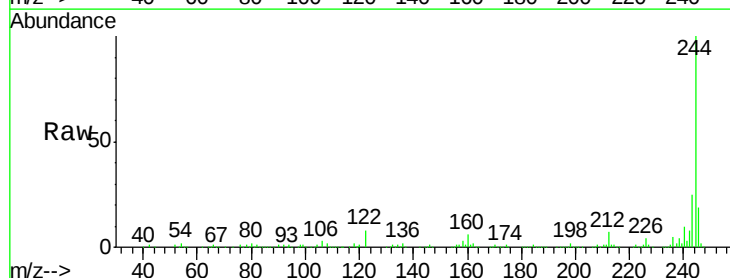


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

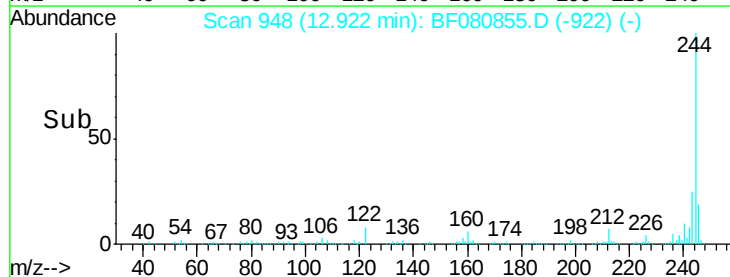
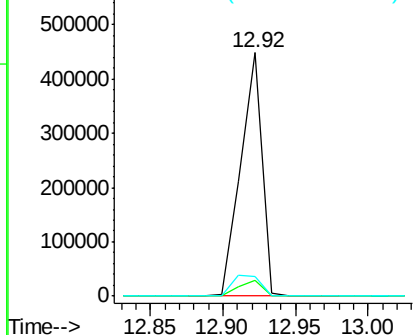


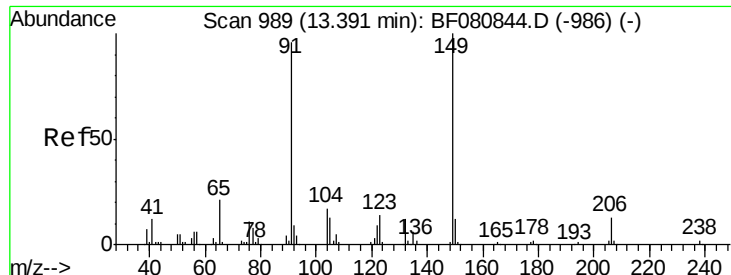
#78
Terphenyl-d14
Concen: 58.87 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	8.1	7.1	10.7



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

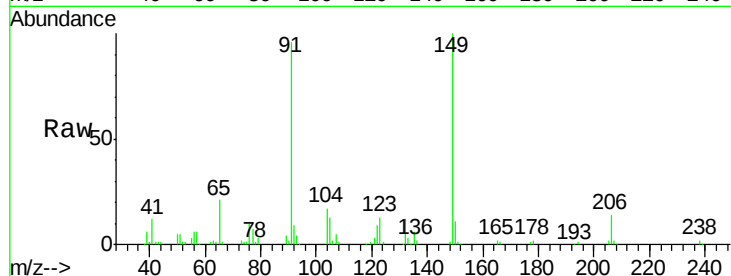




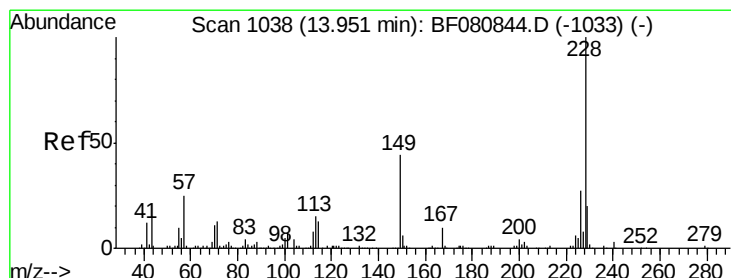
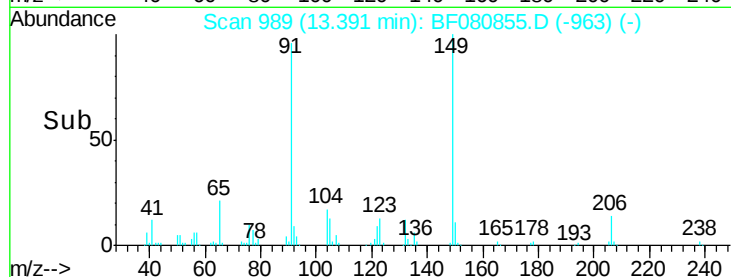
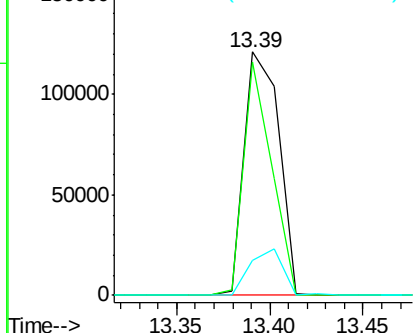
#79
Butylbenzylphthalate
Concen: 30.14 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion:149 Resp: 156474
Ion Ratio Lower Upper
149 100
91 96.1 76.4 114.6
206 14.2 10.7 16.1

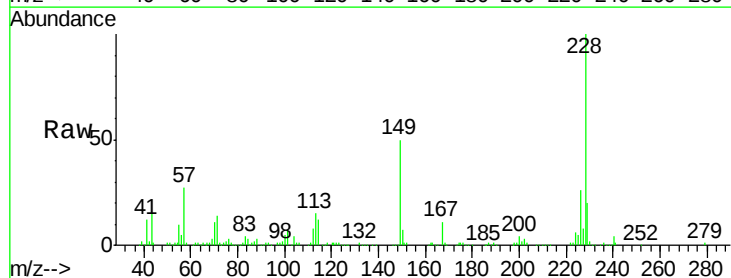


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

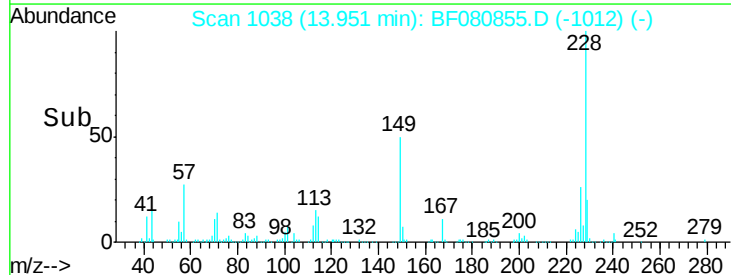
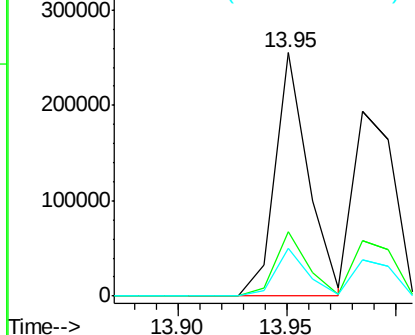


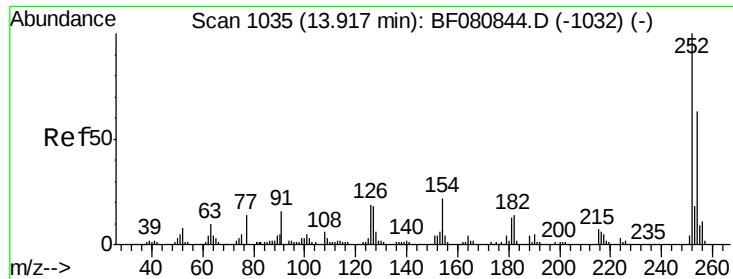
#80
Benzo(a)anthracene
Concen: 28.69 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion:228 Resp: 271490
Ion Ratio Lower Upper
228 100
226 26.5 21.5 32.3
229 19.6 16.2 24.2



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

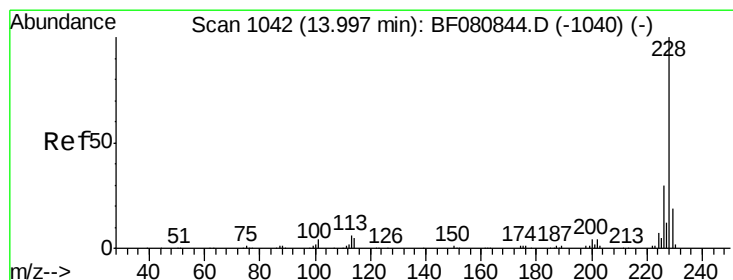
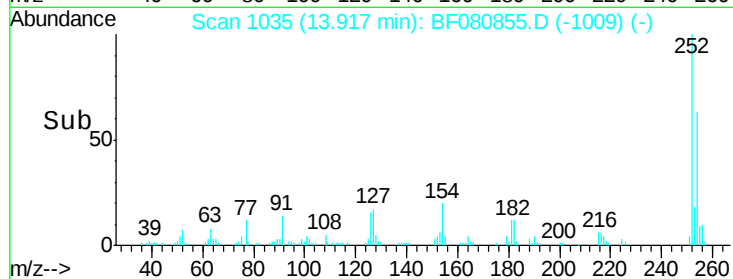
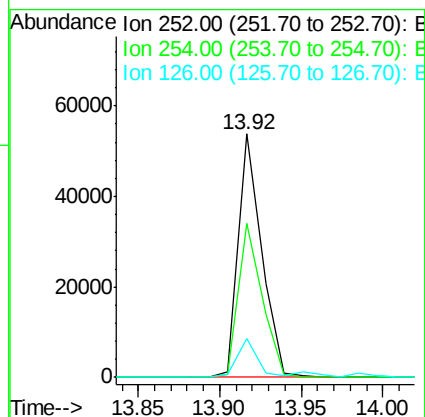
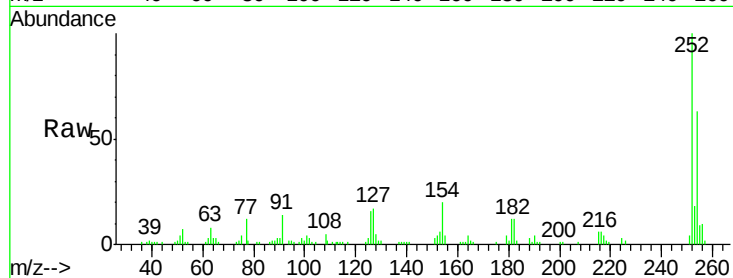




#81
 3,3'-Dichlorobenzidine
 Concen: 15.04 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

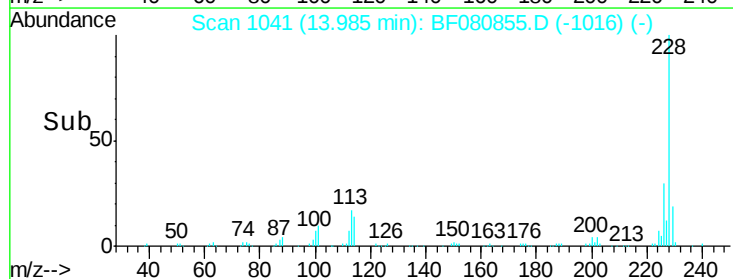
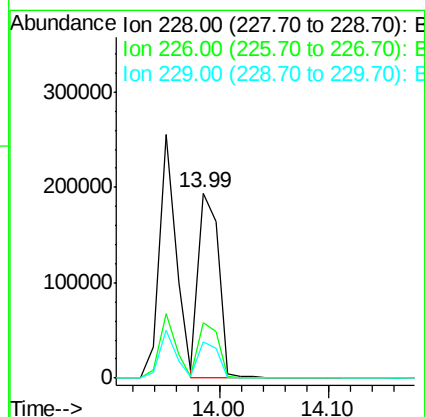
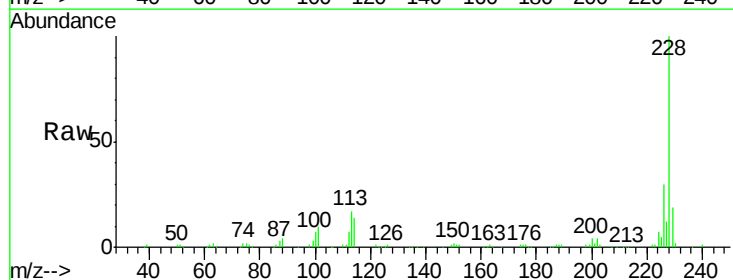
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

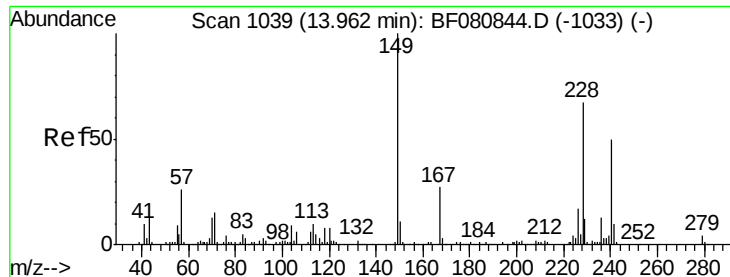
Tot Ion:252 Resp: 52890
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.3 75.5
 126 15.8 15.1 22.7



#82
 Chrysene
 Concen: 26.11 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion:228 Resp: 251825
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.6 35.4
 229 19.5 15.1 22.7

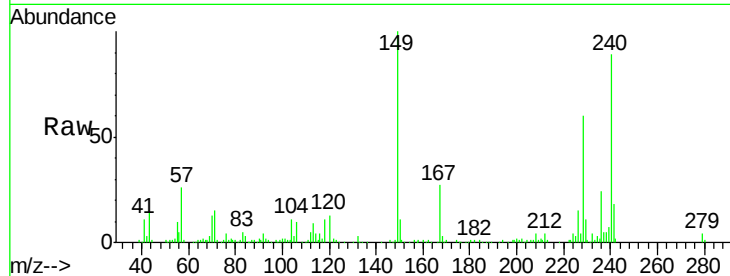




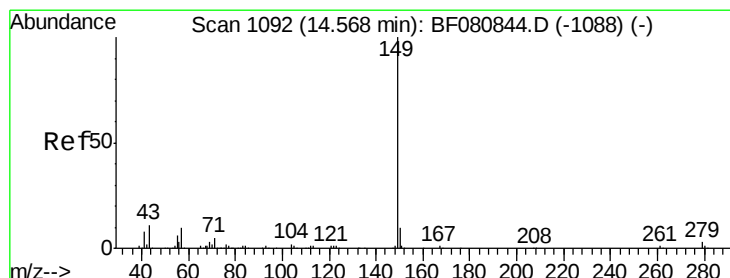
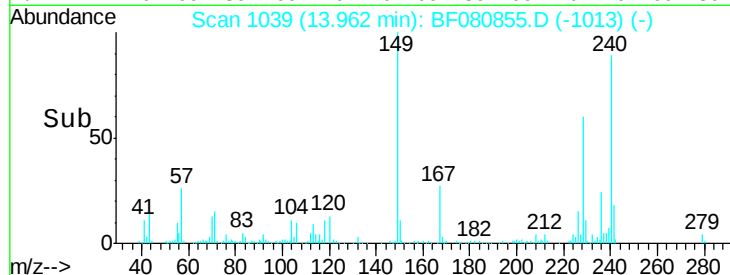
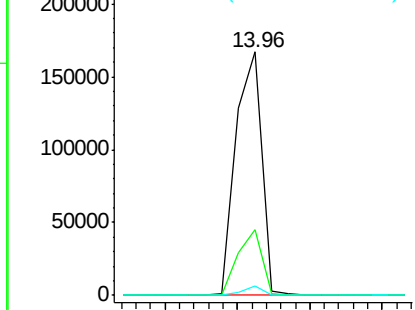
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.82 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion:149 Resp: 206710
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.8 32.8
 279 3.8 3.0 4.4

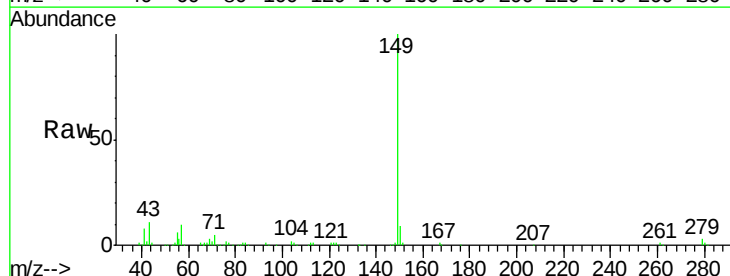


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

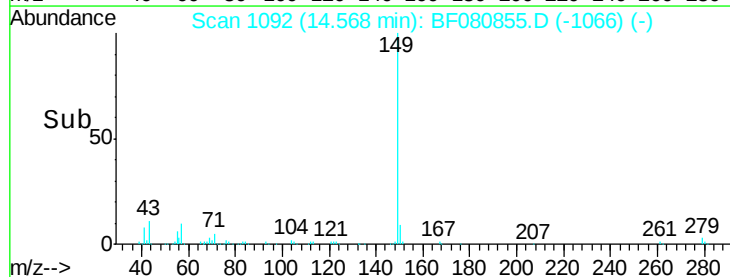
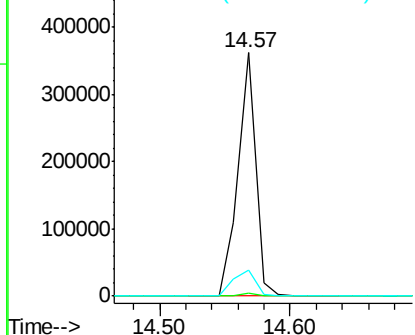


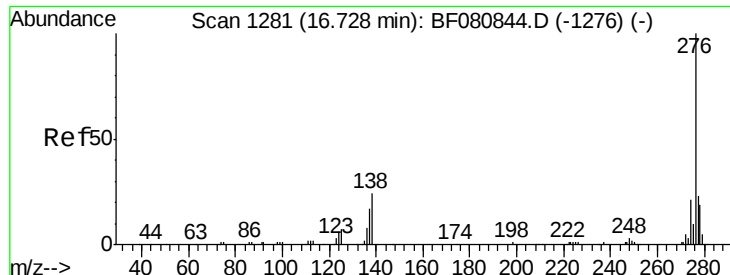
#84
 Di-n-octyl phthalate
 Concen: 29.19 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion:149 Resp: 340065
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 13.4 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

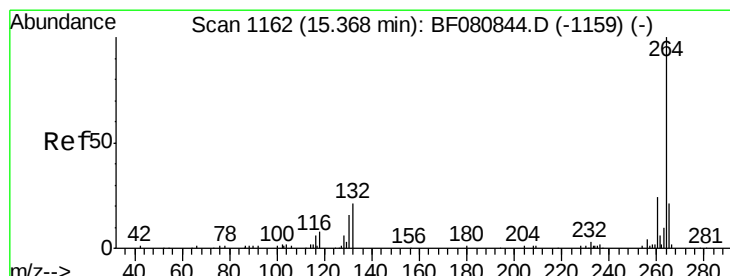
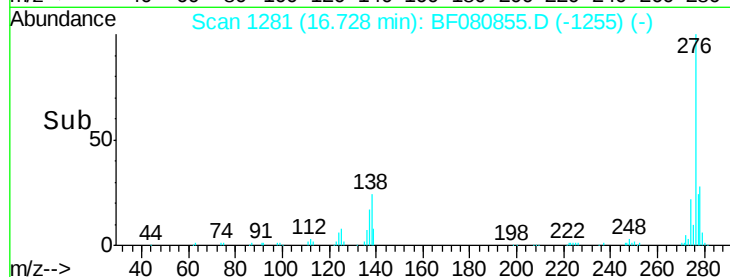
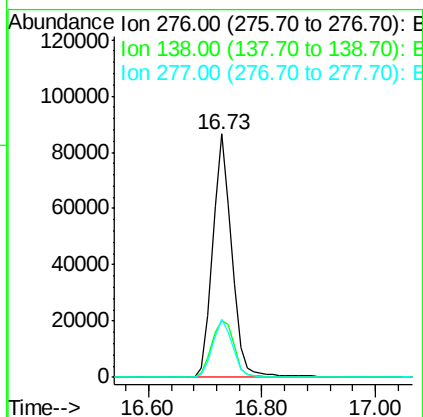
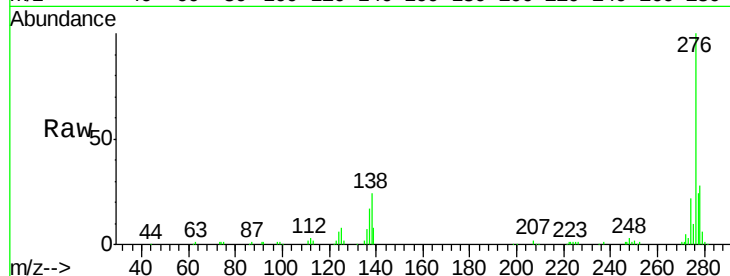




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.22 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

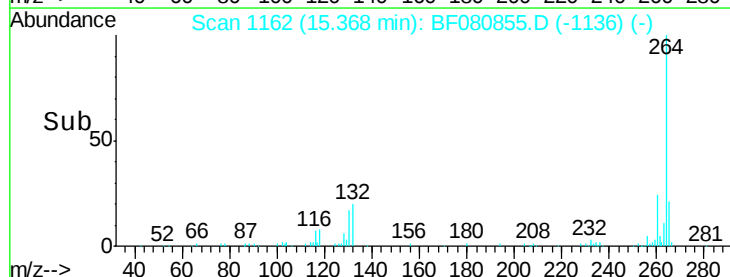
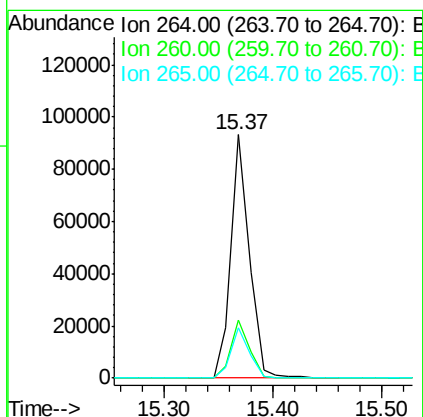
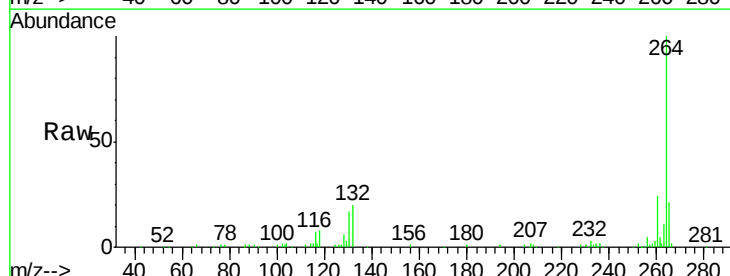
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

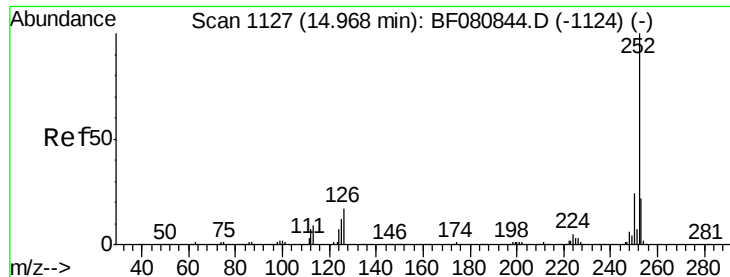
Tot Ion:276 Resp: 199711
 Ion Ratio Lower Upper
 276 100
 138 27.4 21.6 32.4
 277 24.6 19.6 29.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF080855.D
 Acq: 4 Aug 2015 23:56

Tgt Ion:264 Resp: 109181
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 20.9 16.8 25.2

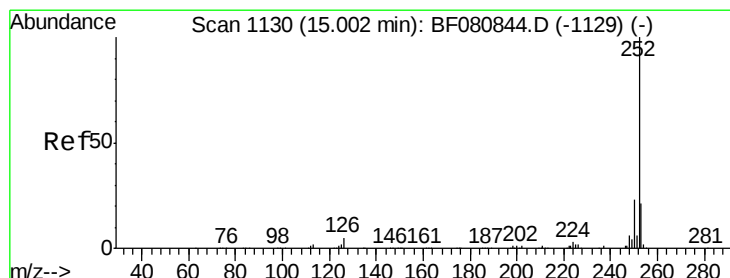
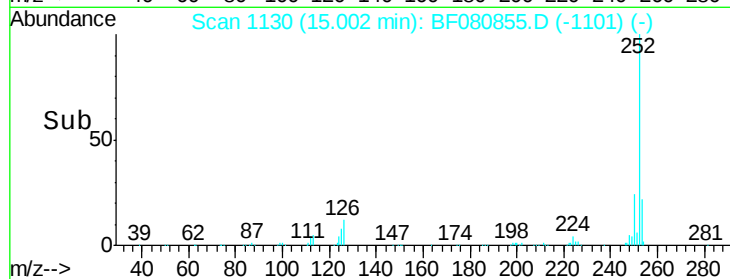
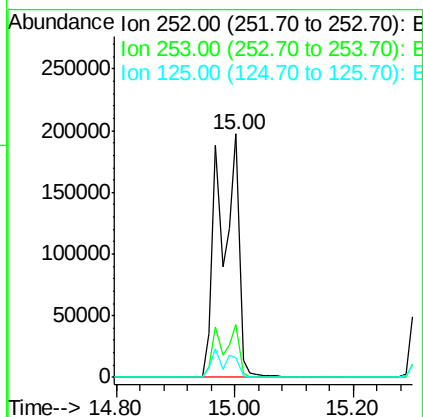
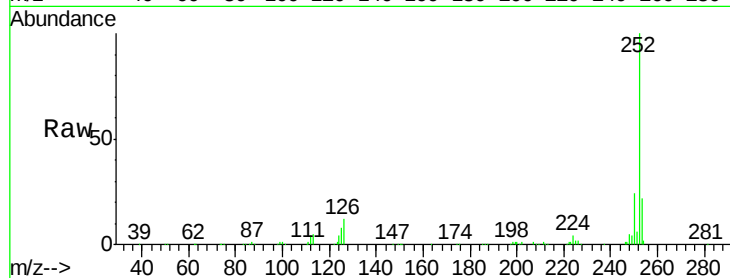




#87
Benzo(b)fluoranthene
Concen: 55.17 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.03 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

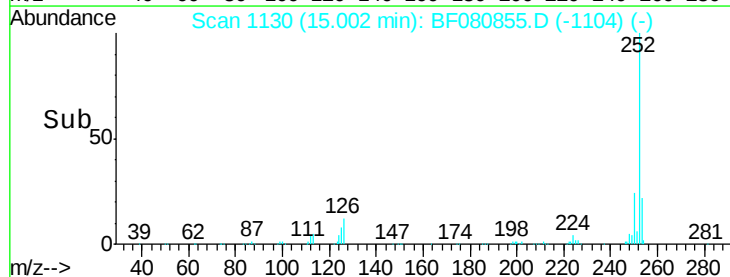
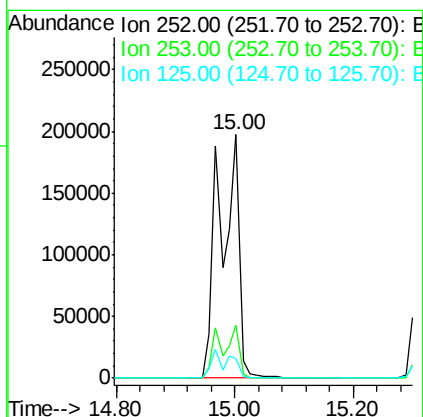
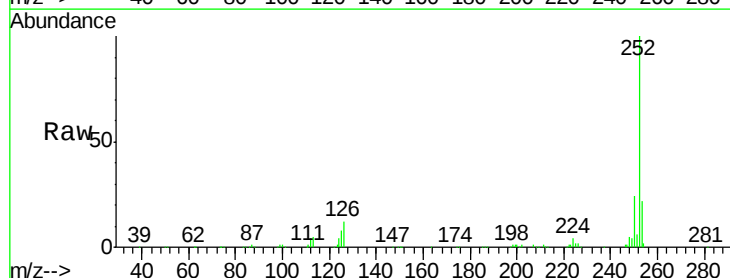
Instrument :
BNA_F
ClientSampleId :
PB84838BSD

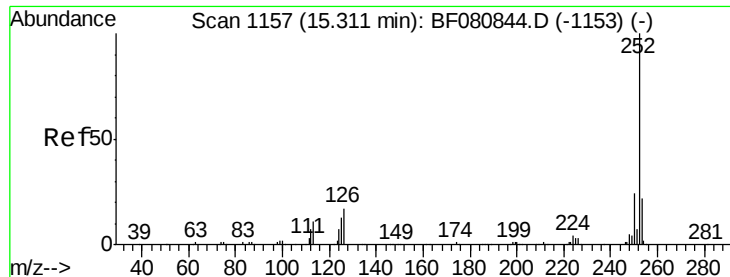
Tot Ion:252 Resp: 450611
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.0 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 71.68 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF080855.D
Acq: 4 Aug 2015 23:56

Tgt Ion:252 Resp: 450611
Ion Ratio Lower Upper
252 100
253 21.9 16.9 25.3
125 8.0 7.0 10.6





#89

Benzo(a)pyrene

Concen: 31.16 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

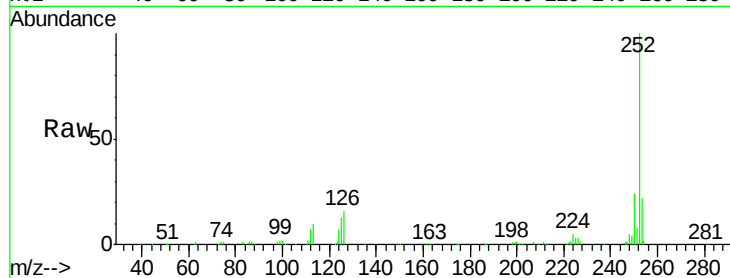
Tot Ion:252 Resp: 207734

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

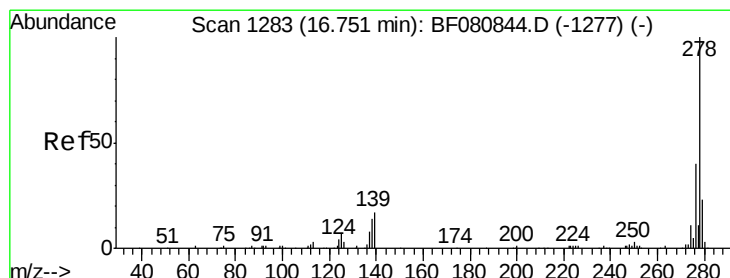
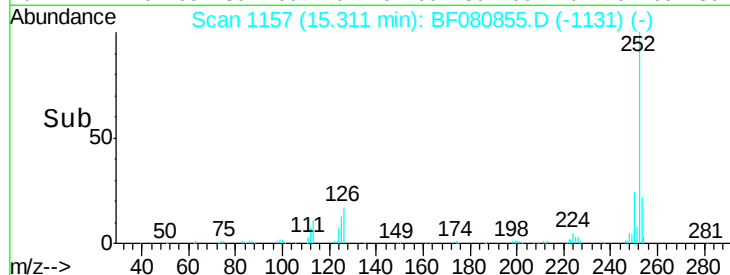
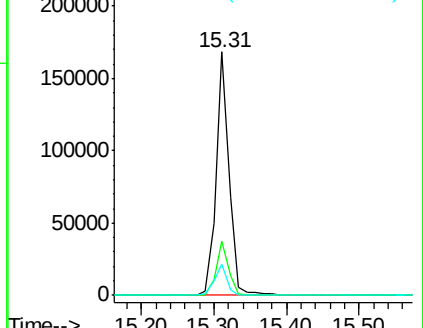
125 12.6 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 29.01 ng

RT: 16.75 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

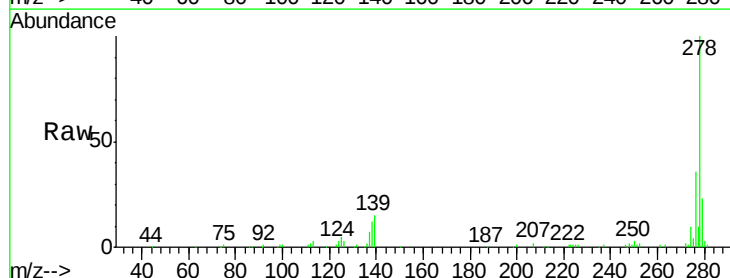
Tgt Ion:278 Resp: 167981

Ion Ratio Lower Upper

278 100

139 14.7 13.4 20.0

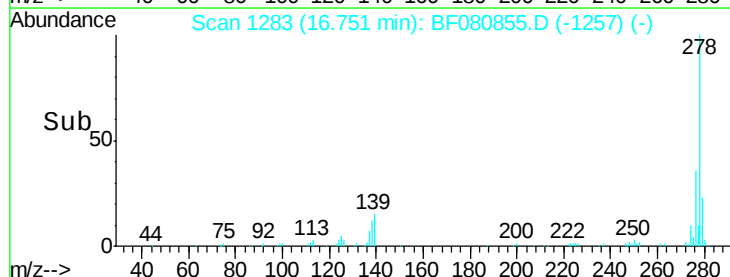
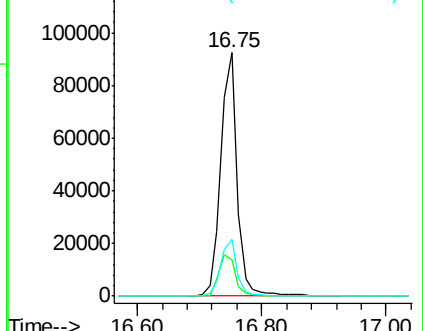
279 23.4 18.4 27.6

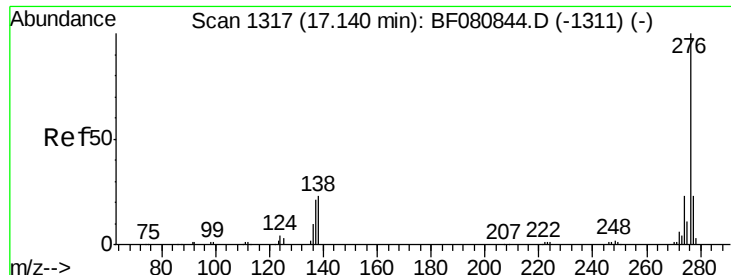


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 29.70 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF080855.D

Acq: 4 Aug 2015 23:56

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

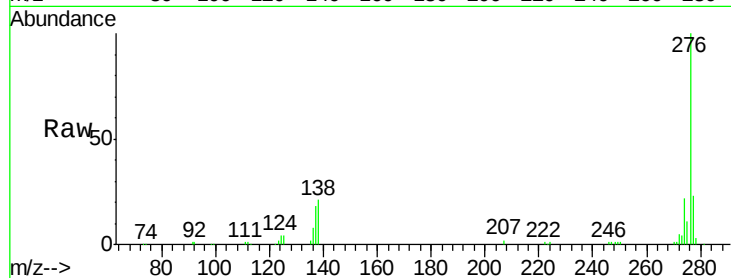
Tot Ion:276 Resp: 166240

Ion Ratio Lower Upper

276 100

277 22.7 18.6 27.8

138 21.3 18.8 28.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

