

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080854.D
 Acq On : 4 Aug 2015 23:25
 Operator : TP/UM
 Sample : PB84838BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Quant Time: Aug 05 02:36:13 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	108412	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	420187	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	184426	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	289648	20.00	ng	0.00
75) Chrysene-d12	13.96	240	157868	20.00	ng	0.00
86) Perylene-d12	15.37	264	125140	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	471817	65.87	ng	0.01
7) Phenol-d6	6.46	99	720921	76.99	ng	0.01
23) Nitrobenzene-d5	7.39	82	443605	49.75	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	127142	71.49	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	656464	47.93	ng	0.00
78) Terphenyl-d14	12.92	244	496006	56.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	72938	20.77	ng	99
3) Pyridine	3.25	79	220671	22.80	ng	99
4) n-Nitrosodimethylamine	3.21	42	115547	23.27	ng	95
6) Aniline	6.49	93	204345	15.00	ng	97
8) 2-Chlorophenol	6.61	128	196330	24.47	ng	97
9) Benzaldehyde	6.37	77	36672	5.61	ng	90
10) Phenol	6.48	94	266384	23.91	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	217883	26.19	ng	99
12) 1,3-Dichlorobenzene	6.76	146	190499	22.15	ng	100
13) 1,4-Dichlorobenzene	6.84	146	199380	23.10	ng	99
14) 1,2-Dichlorobenzene	7.00	146	177631	21.81	ng	98
15) Benzyl Alcohol	6.97	79	153200	25.05	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	400611	24.88	ng	99
17) 2-Methylphenol	7.08	107	170805	24.30	ng	98
18) Hexachloroethane	7.33	117	77594	23.66	ng	# 78
19) n-Nitroso-di-n-propylamine	7.24	70	140207	23.18	ng	99
20) 3+4-Methylphenols	7.23	107	192999	23.68	ng	# 90
22) Acetophenone	7.24	105	270178	26.33	ng	97
24) Nitrobenzene	7.41	77	218000	23.57	ng	94
25) Isophorone	7.65	82	397256	25.14	ng	99
26) 2-Nitrophenol	7.72	139	91721	24.18	ng	98
27) 2,4-Dimethylphenol	7.77	122	201703	28.56	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	229676	23.64	ng	99
29) 2,4-Dichlorophenol	7.96	162	143143	24.55	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	163659	24.67	ng	100
31) Naphthalene	8.13	128	572848	25.03	ng	100
32) Benzoic acid	7.88	122	113651	25.08	ng	97
33) 4-Chloroaniline	8.18	127	72178	8.06	ng	# 93
34) Hexachlorobutadiene	8.25	225	91163	24.10	ng	97
35) Caprolactam	8.54	113	35179	21.13	ng	# 67
36) 4-Chloro-3-methylphenol	8.66	107	163387	25.54	ng	96
37) 2-Methylnaphthalene	8.82	142	347229	25.32	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	139292	22.13	ng	97
40) Hexachlorocyclopentadiene	8.98	237	197615	52.29	ng	97

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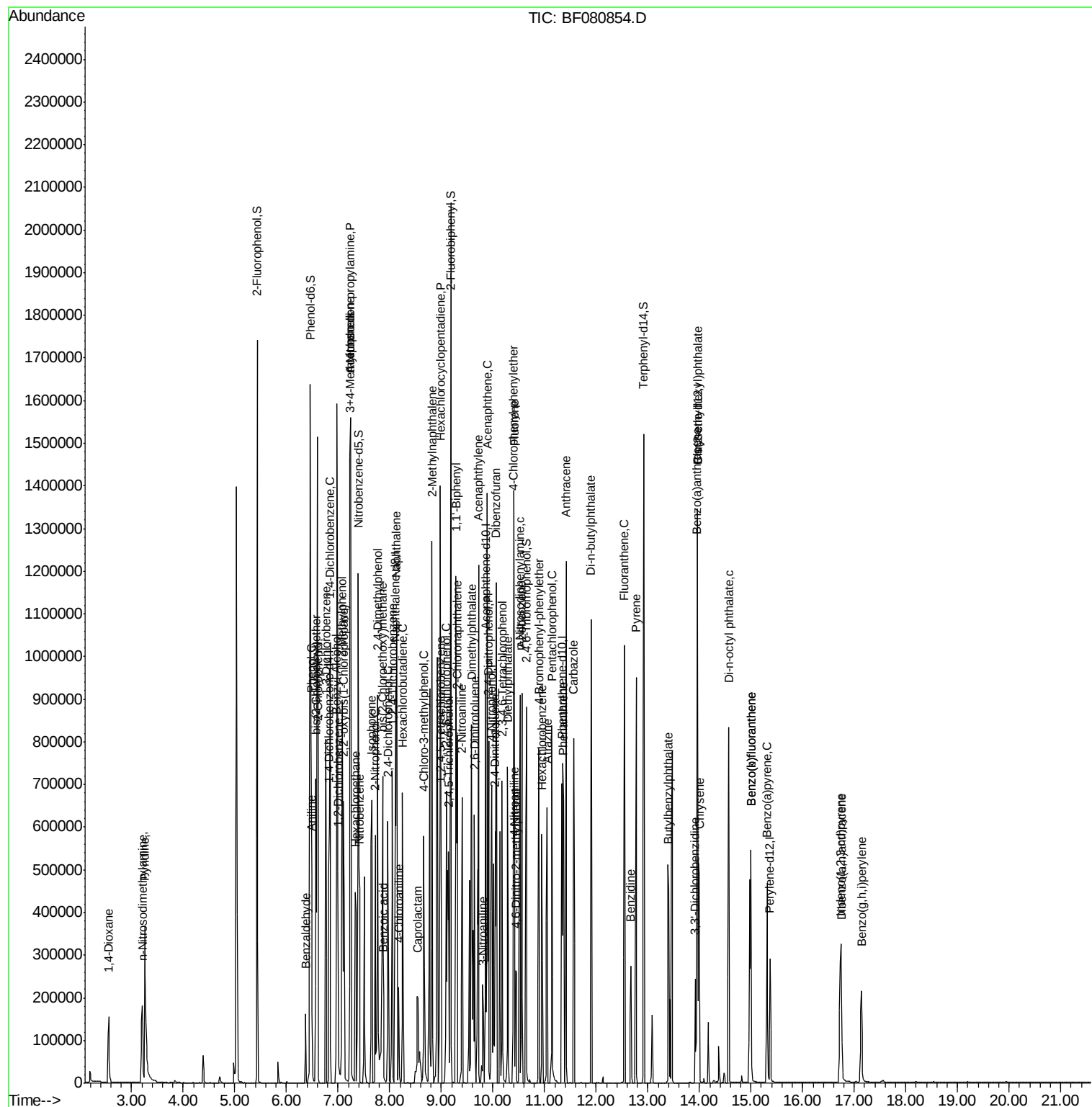
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	93878	22.01	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	104941	24.53	ng	# 85
45) 1,1'-Biphenyl	9.29	154	424832	24.99	ng	99
46) 2-Chloronaphthalene	9.31	162	309937	23.44	ng	99
47) 2-Nitroaniline	9.40	65	123444	25.65	ng	99
48) Acenaphthylene	9.72	152	535955	24.63	ng	100
49) Dimethylphthalate	9.58	163	315714	23.47	ng	99
50) 2,6-Dinitrotoluene	9.64	165	66058	23.48	ng	93
51) Acenaphthene	9.89	154	351723	26.89	ng	99
52) 3-Nitroaniline	9.81	138	45701	13.15	ng	94
53) 2,4-Dinitrophenol	9.92	184	85835	50.02	ng	# 61
54) Dibenzofuran	10.06	168	441958	25.34	ng	97
55) 4-Nitrophenol	9.97	139	130177	53.25	ng	91
56) 2,4-Dinitrotoluene	10.04	165	82938	23.35	ng	# 85
57) Fluorene	10.41	166	331980	24.92	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	79323	25.83	ng	99
59) Diethylphthalate	10.28	149	322593	24.23	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	135897	23.93	ng	99
61) 4-Nitroaniline	10.42	138	66224	21.36	ng	95
62) Azobenzene	10.56	77	390050	25.04	ng	99
64) 4,6-Dinitro-2-methylphenol	10.45	198	50767	27.25	ng	84
65) n-Nitrosodiphenylamine	10.52	169	289491	26.09	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	86477	26.98	ng	97
67) Hexachlorobenzene	10.94	284	91393	26.10	ng	98
68) Atrazine	11.05	200	85046	29.44	ng	97
69) Pentachlorophenol	11.14	266	95854	50.24	ng	99
70) Phenanthrene	11.37	178	420077	25.10	ng	99
71) Anthracene	11.41	178	433840	26.68	ng	99
72) Carbazole	11.56	167	364516	23.76	ng	99
73) Di-n-butylphthalate	11.90	149	490508	27.01	ng	100
74) Fluoranthene	12.54	202	408038	25.03	ng	98
76) Benzidine	12.67	184	126455	16.55	ng	100
77) Pyrene	12.77	202	440401	31.10	ng	100
79) Butylbenzylphthalate	13.40	149	171818	29.66	ng	# 63
80) Benzo(a)anthracene	13.95	228	287613	27.24	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	53099	13.53	ng	98
82) Chrysene	14.00	228	279184	25.94	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	223151	28.85	ng	100
84) Di-n-octyl phthalate	14.57	149	381405	29.34	ng	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	215234	24.36	ng	100
87) Benzo(b)fluoranthene	15.00	252	493188	52.69	ng	# 96
88) Benzo(k)fluoranthene	15.00	252	493188	68.45	ng	98
89) Benzo(a)pyrene	15.31	252	224991	29.45	ng	99
90) Dibenzo(a,h)anthracene	16.75	278	179391	27.03	ng	97
91) Benzo(g,h,i)perylene	17.14	276	176890	27.57	ng	99

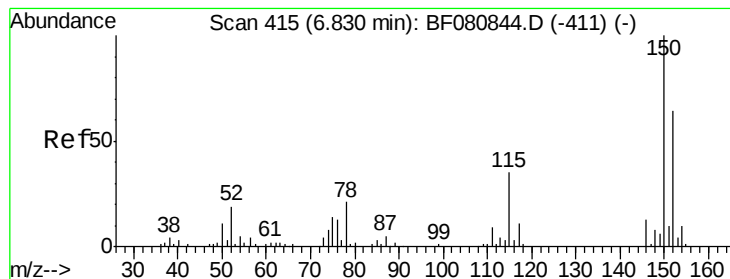
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

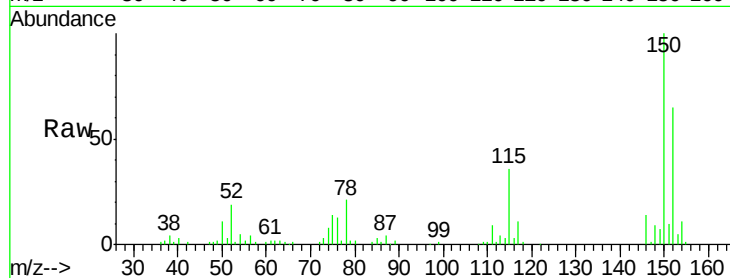
Tot Ion:152 Resp: 108412

Ion Ratio Lower Upper

152 100

150 152.8 124.6 187.0

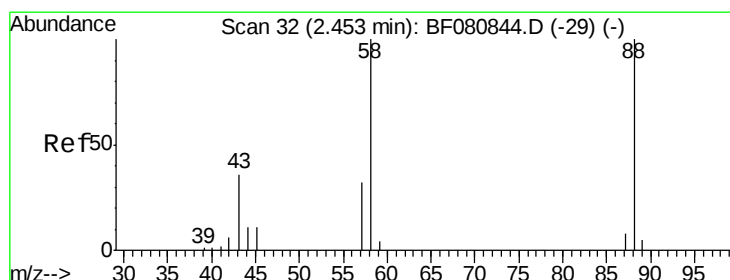
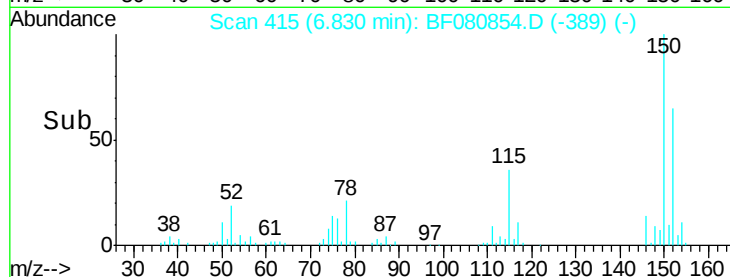
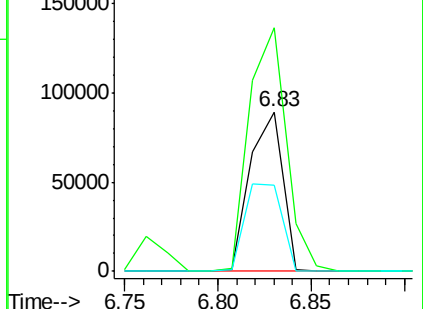
115 54.3 44.2 66.4



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: 20.77 ng

RT: 2.56 min Scan# 41

Delta R.T. 0.10 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

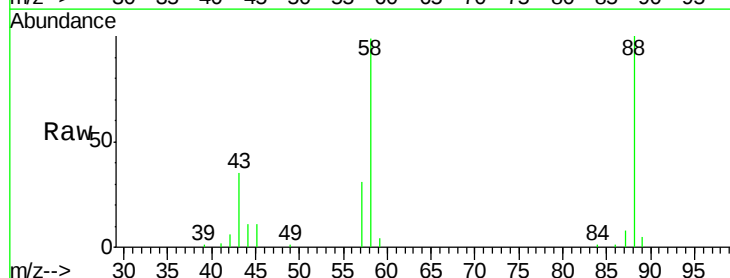
Tgt Ion: 88 Resp: 72938

Ion Ratio Lower Upper

88 100

58 100.1 79.2 118.8

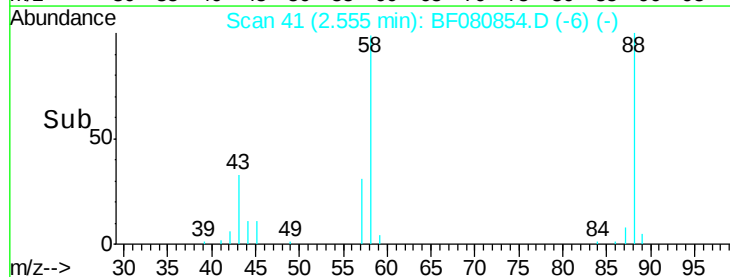
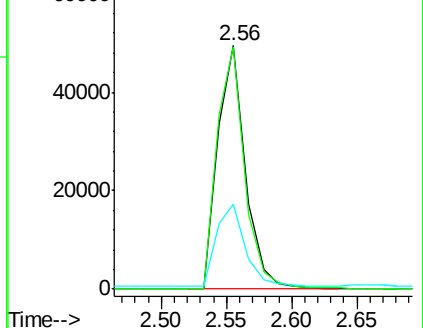
43 35.0 28.1 42.1

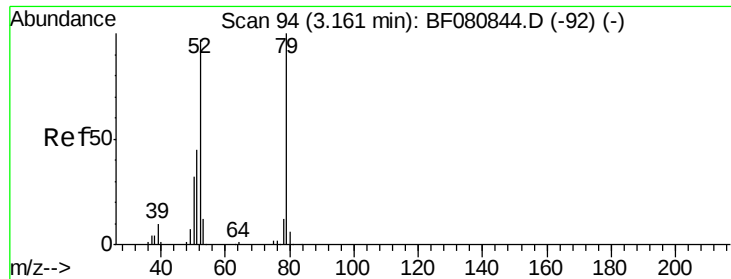


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 22.80 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.09 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

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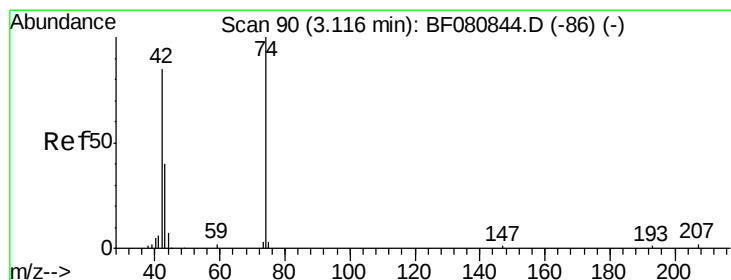
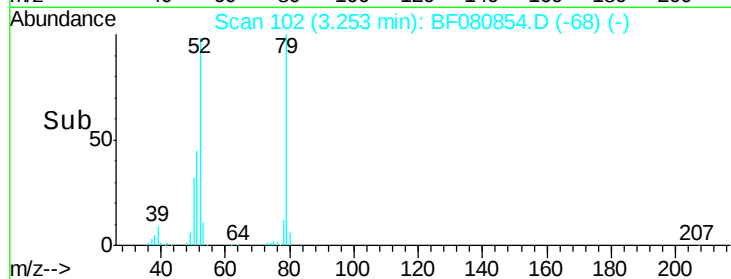
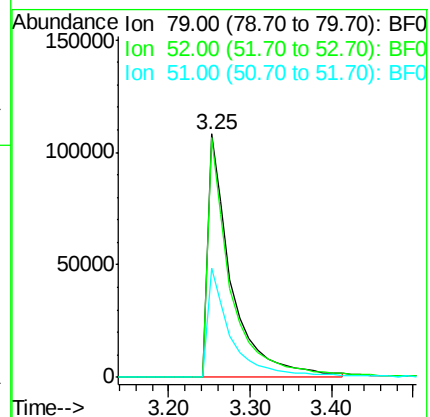
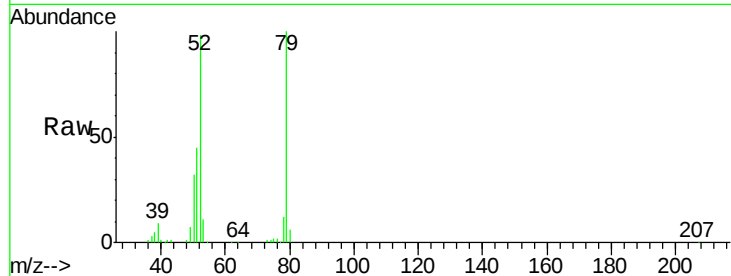
Tot Ion: 79 Resp: 220671

Ion Ratio Lower Upper

79 100

52 98.5 77.7 116.5

51 44.7 36.1 54.1



#4

n-Nitrosodimethylamine

Concen: 23.27 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.09 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

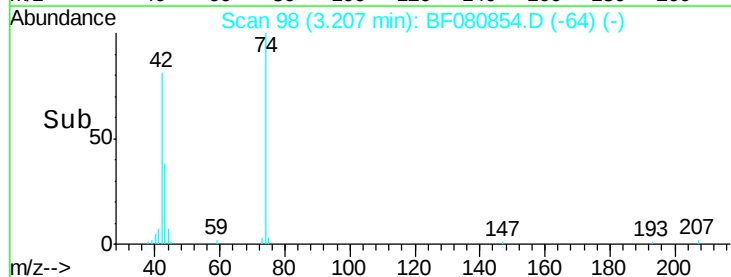
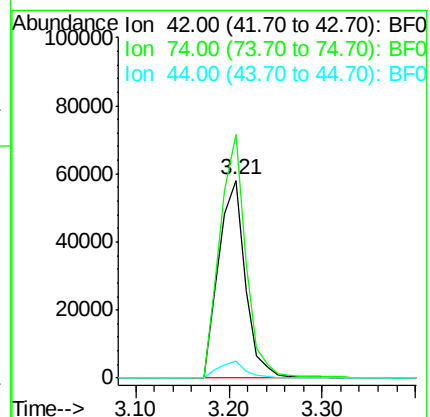
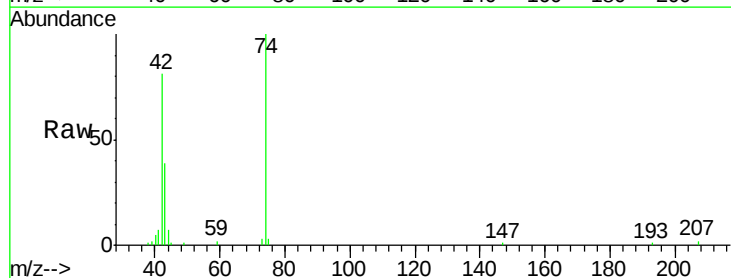
Tgt Ion: 42 Resp: 115547

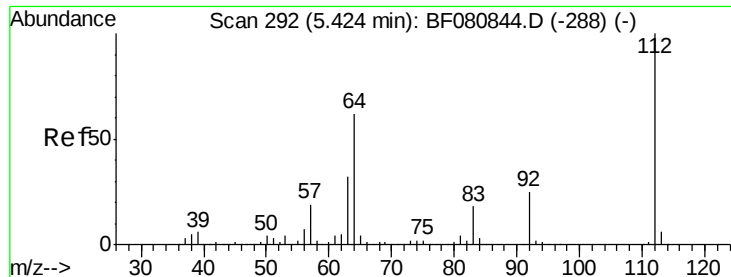
Ion Ratio Lower Upper

42 100

74 123.2 94.3 141.5

44 8.5 6.2 9.2





#5

2-Fluorophenol

Concen: 65.87 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080854.D

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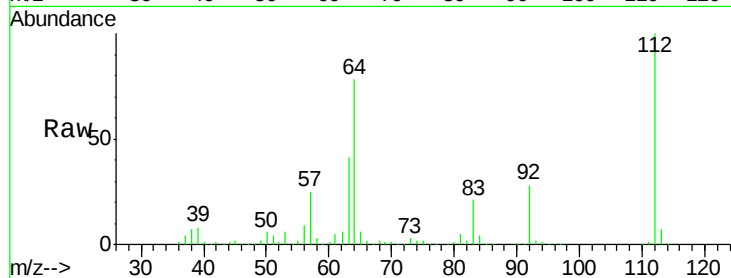
Tot Ion:112 Resp: 471817

Ion Ratio Lower Upper

112 100

64 78.3 49.5 74.3#

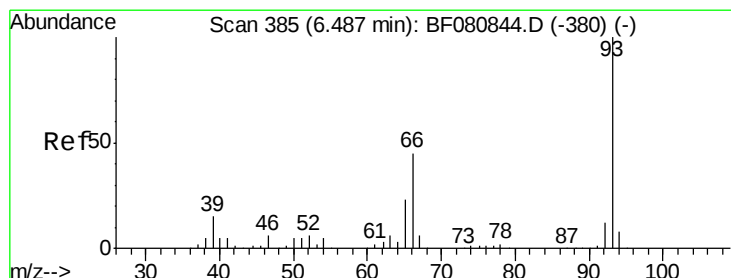
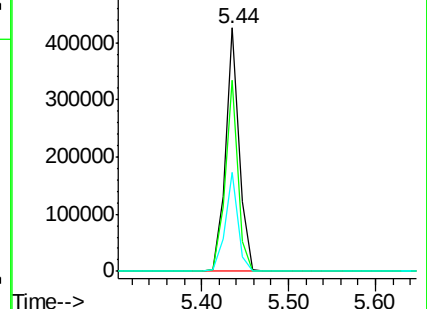
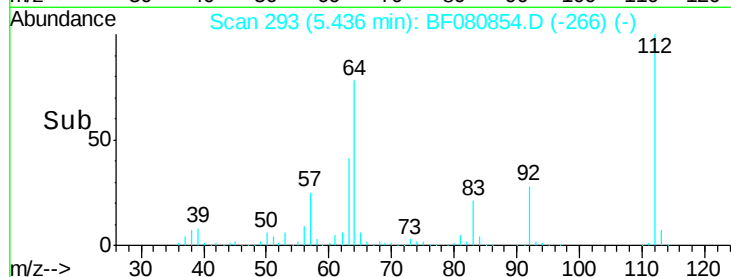
63 40.8 25.3 37.9#



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: 15.00 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

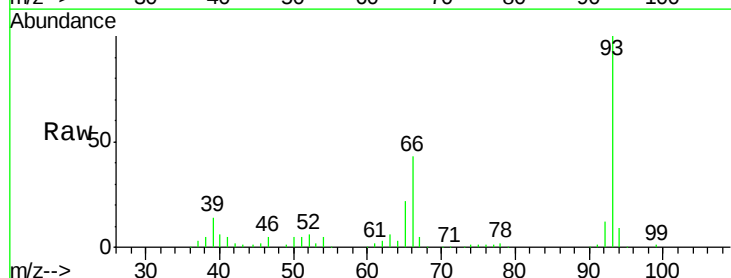
Tgt Ion: 93 Resp: 204345

Ion Ratio Lower Upper

93 100

66 42.8 35.8 53.6

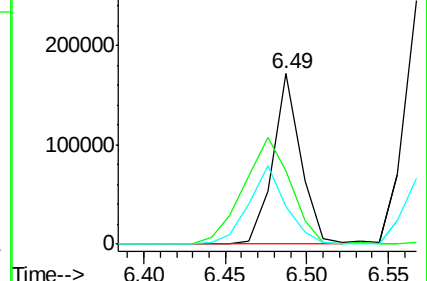
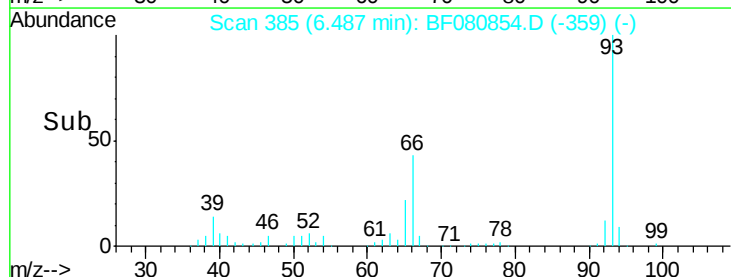
65 21.9 18.2 27.2

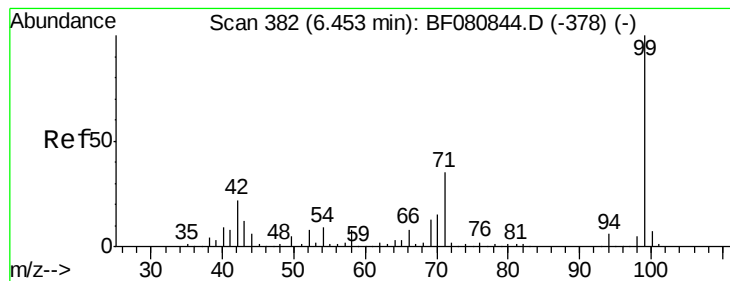


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.99 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

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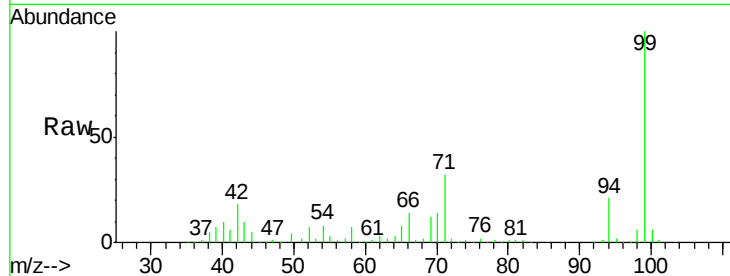
Tot Ion: 99 Resp: 720921

Ion Ratio Lower Upper

99 100

42 18.1 17.9 26.9

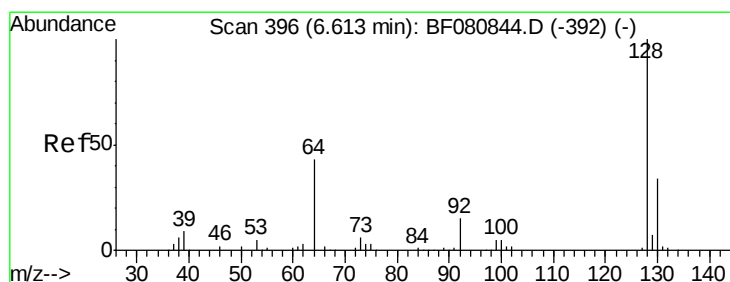
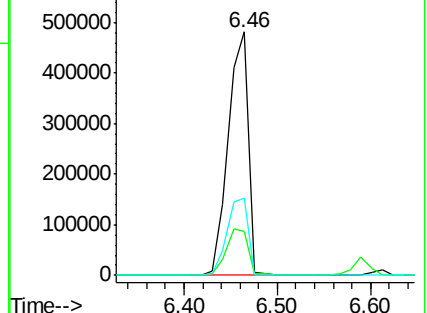
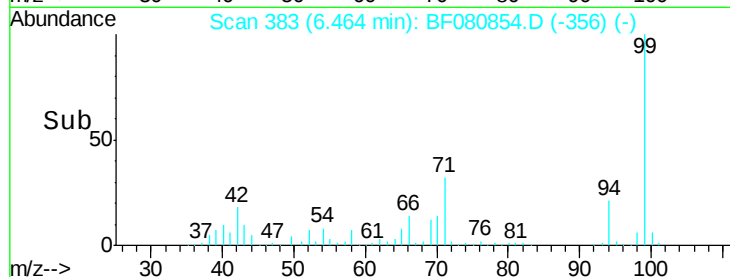
71 31.7 28.2 42.4



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: 24.47 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

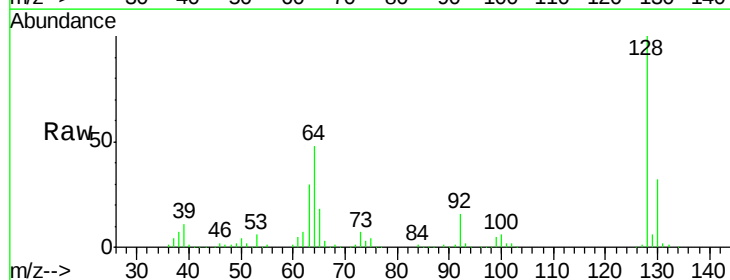
Tgt Ion: 128 Resp: 196330

Ion Ratio Lower Upper

128 100

130 32.5 13.9 53.9

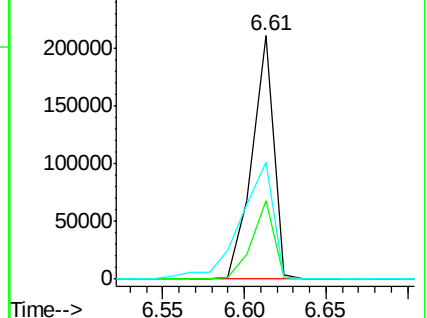
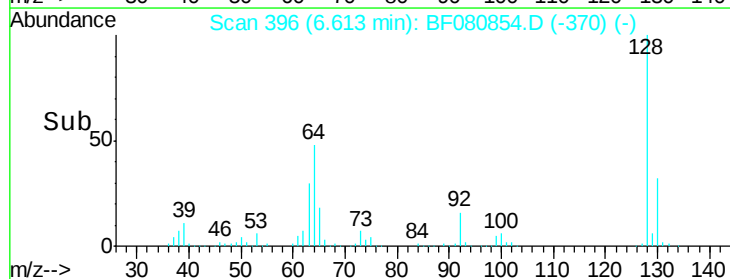
64 48.0 26.2 66.2

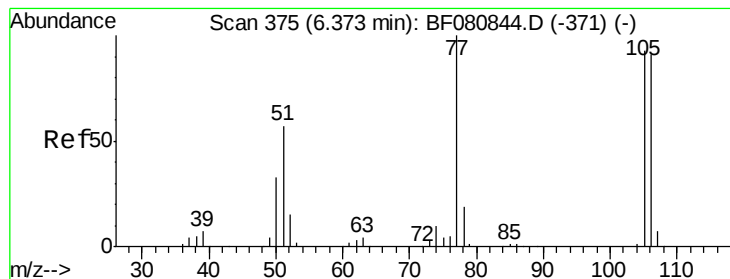


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.61 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

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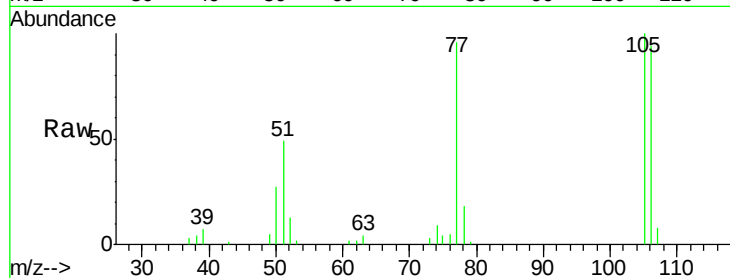
Tot Ion: 77 Resp: 36672

Ion Ratio Lower Upper

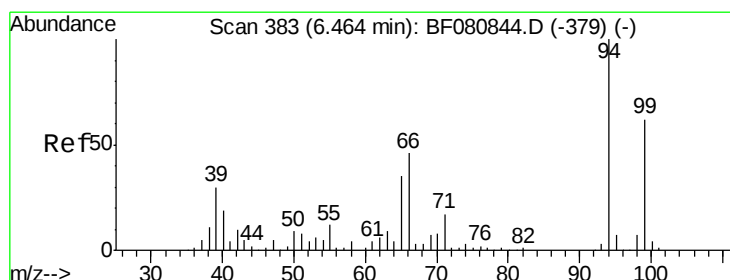
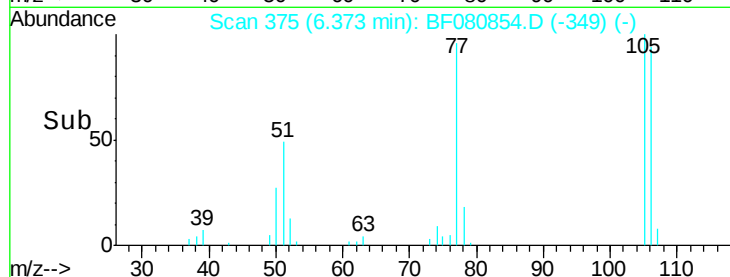
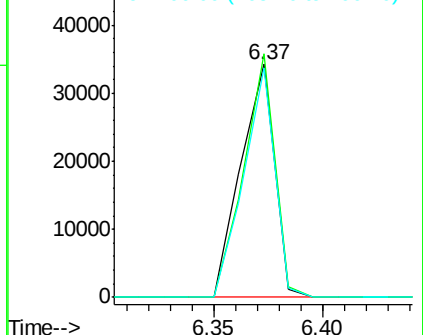
77 100

105 104.5 73.5 113.5

106 98.4 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 23.91 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

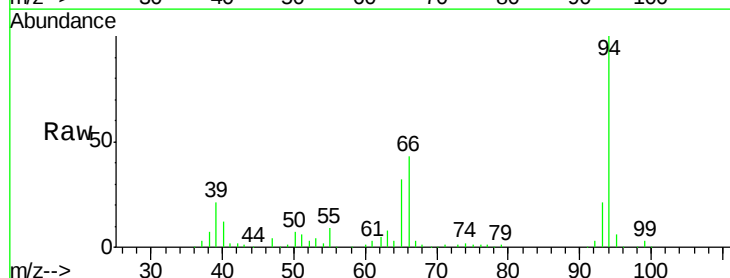
Tgt Ion: 94 Resp: 266384

Ion Ratio Lower Upper

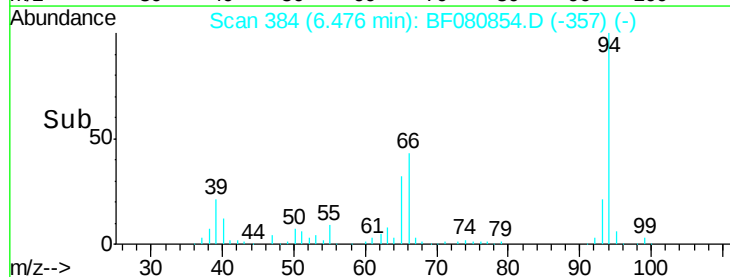
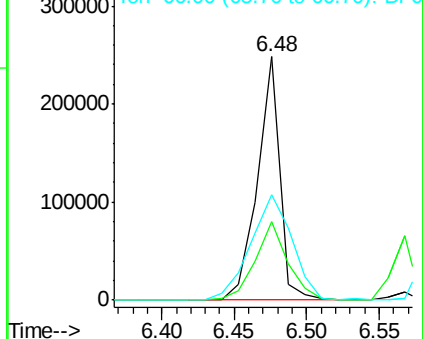
94 100

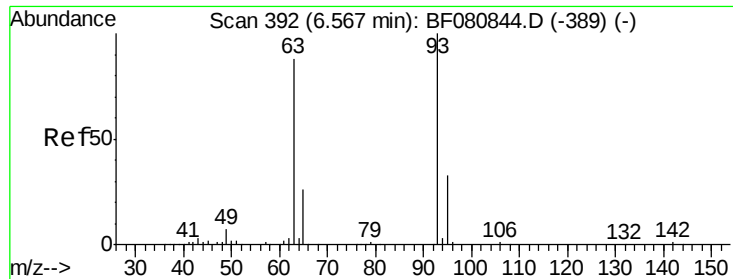
65 32.1 15.2 55.2

66 43.3 25.9 65.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 26.19 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

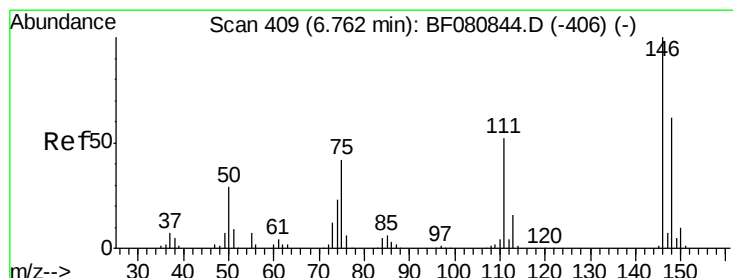
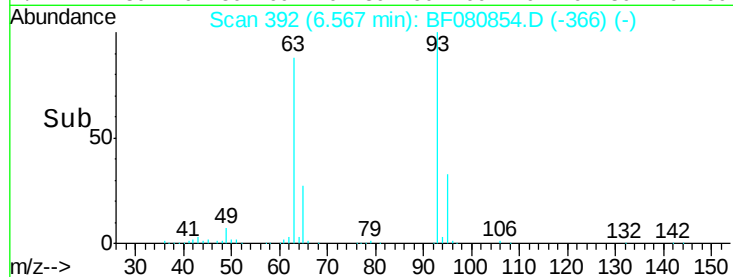
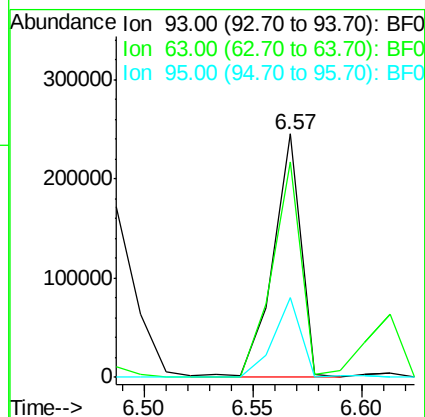
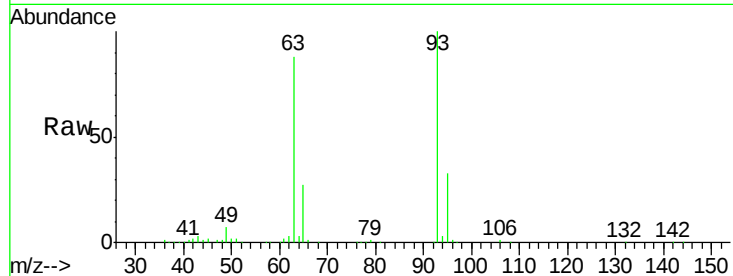
Tot Ion: 93 Resp: 217883

Ion Ratio Lower Upper

93 100

63 88.5 67.6 107.6

95 32.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 22.15 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

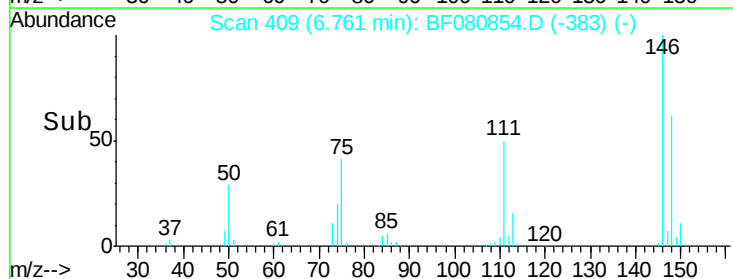
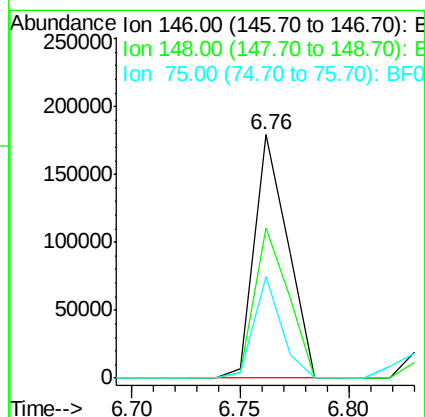
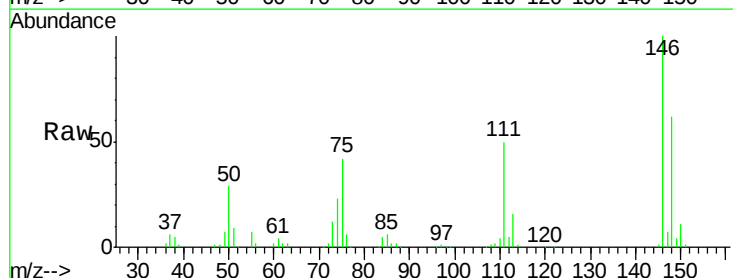
Tgt Ion: 146 Resp: 190499

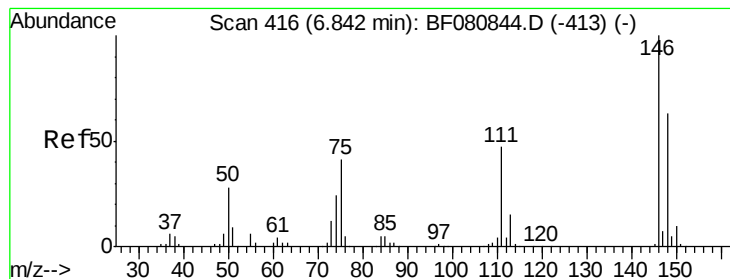
Ion Ratio Lower Upper

146 100

148 61.9 49.7 74.5

75 41.6 33.5 50.3





#13

1,4-Dichlorobenzene

Concen: 23.10 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

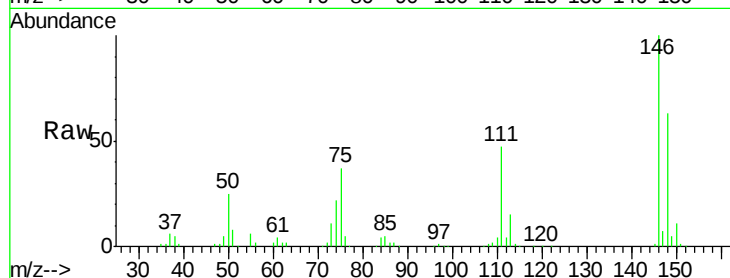
Tot Ion:146 Resp: 199380

Ion Ratio Lower Upper

146 100

148 63.3 50.5 75.7

111 46.6 38.0 57.0



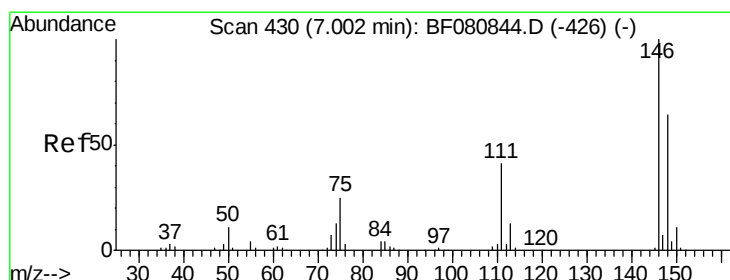
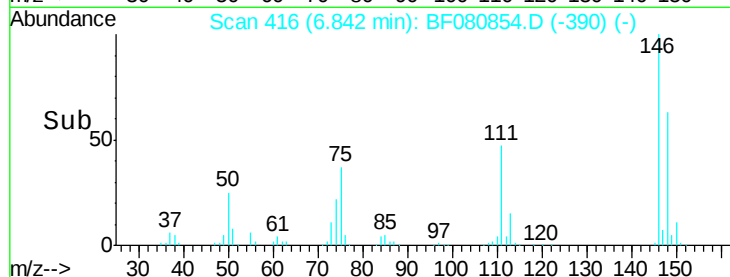
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.84

Time-->



#14

1,2-Dichlorobenzene

Concen: 21.81 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

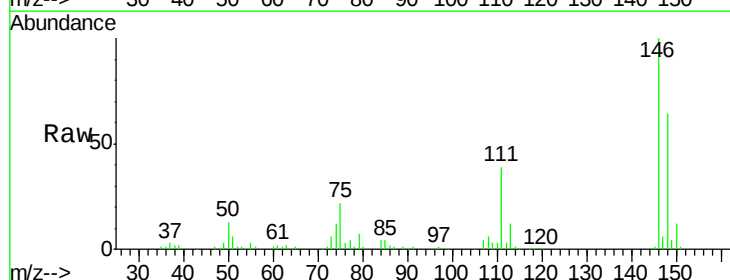
Tgt Ion:146 Resp: 177631

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

111 39.0 32.7 49.1



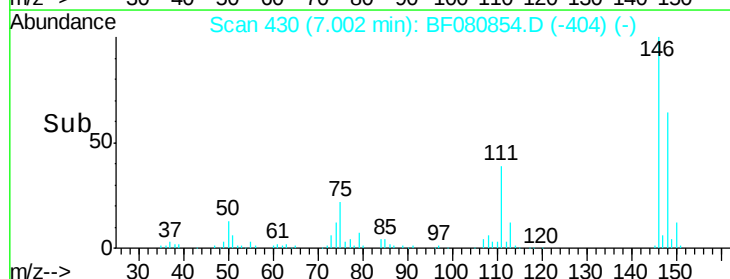
Abundance Ion 146.00 (145.70 to 146.70): E

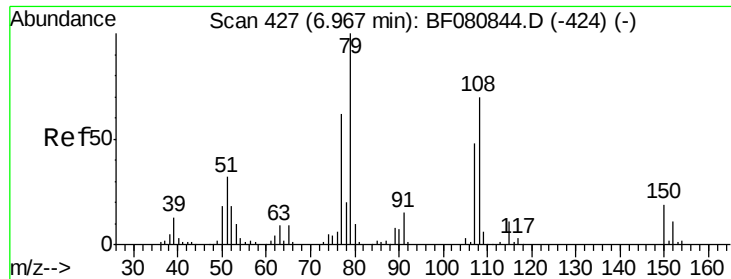
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

7.00

Time-->

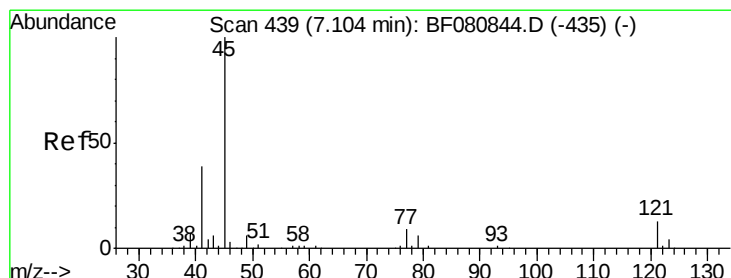
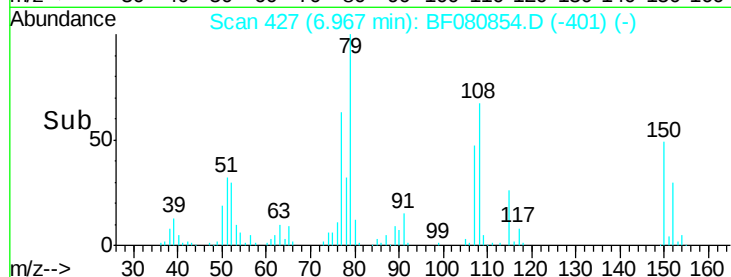
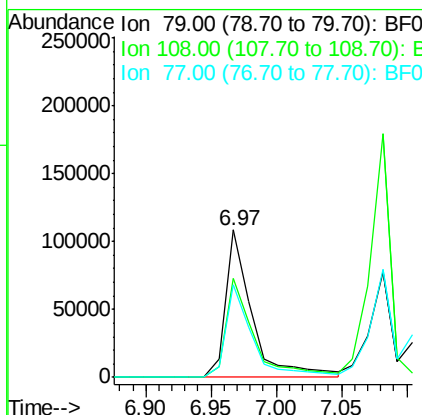
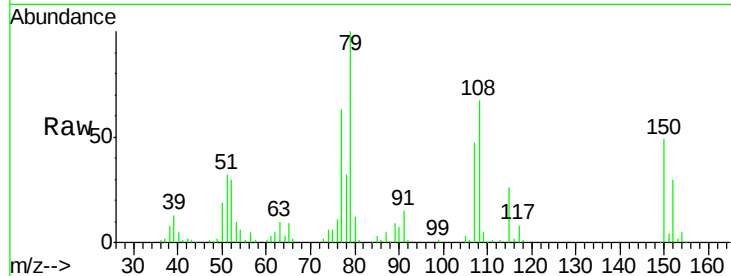




#15
Benzyl Alcohol
Concen: 25.05 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

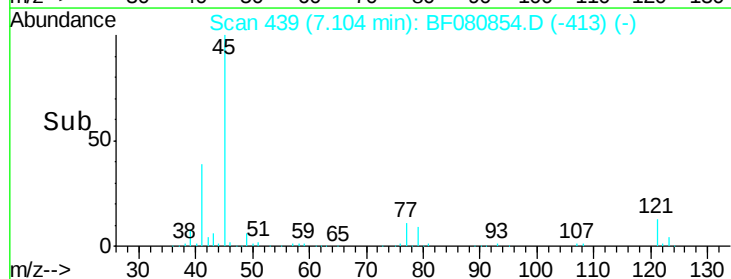
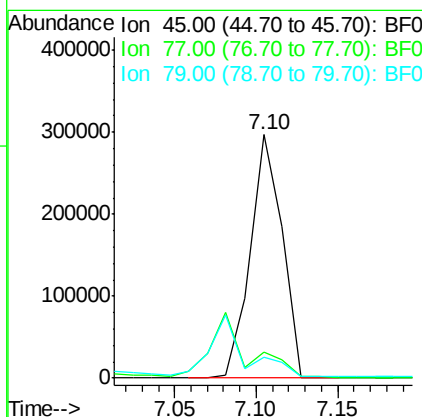
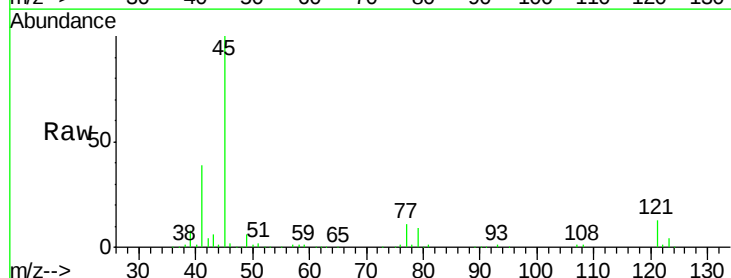
Instrument :
BNA_F
ClientSampleId :
PB84838BS

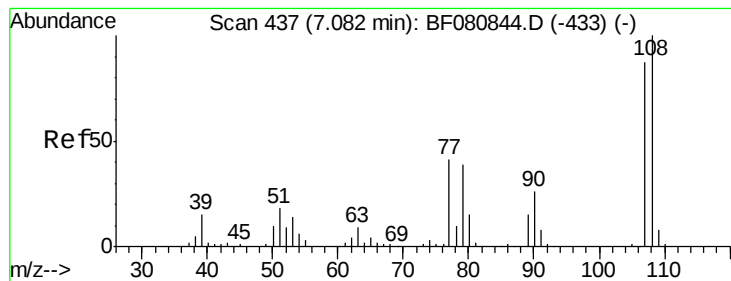
Tot Ion: 79 Resp: 153200
Ion Ratio Lower Upper
79 100
108 67.2 55.9 83.9
77 62.9 49.4 74.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 24.88 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Tgt Ion: 45 Resp: 400611
Ion Ratio Lower Upper
45 100
77 10.6 0.0 30.5
79 8.6 0.0 28.2

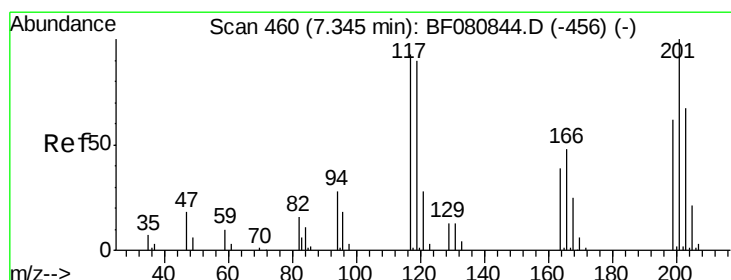
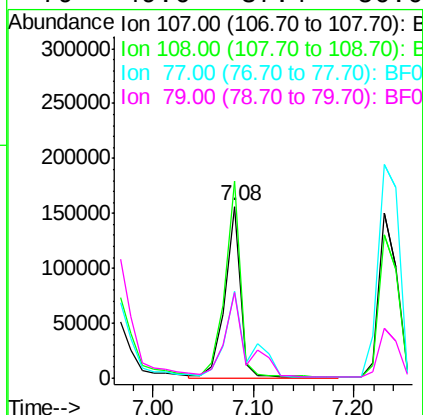
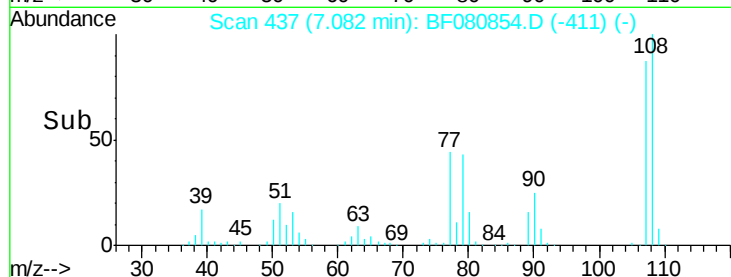
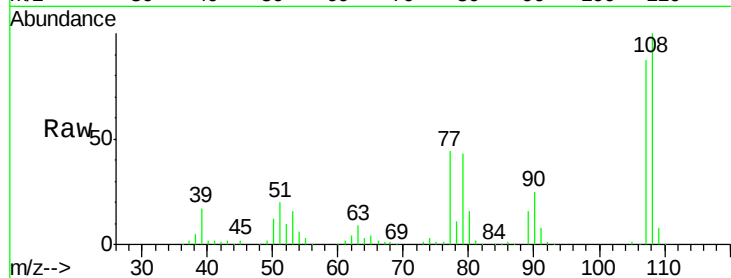




#17
2-Methylphenol
Concen: 24.30 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

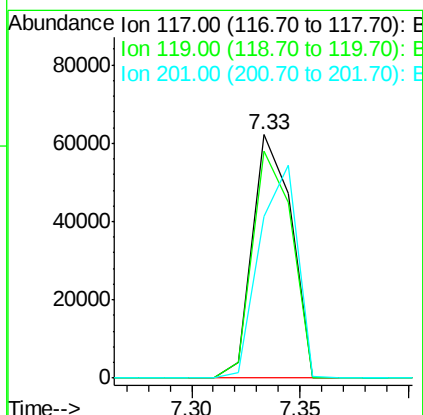
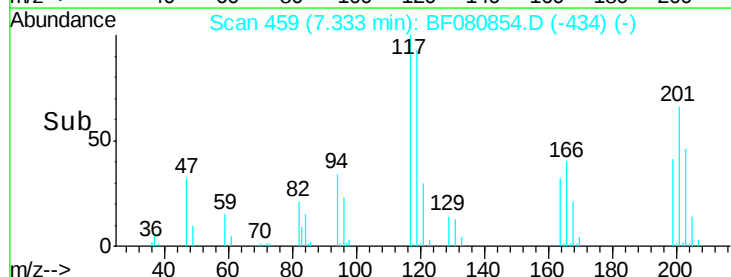
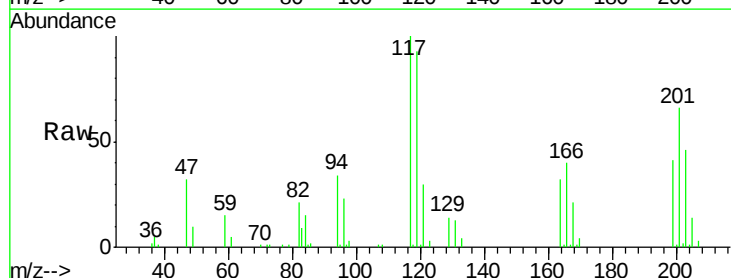
Instrument :
BNA_F
ClientSampleID :
PB84838BS

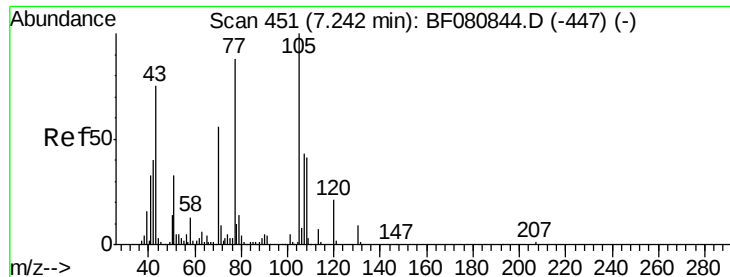
Tot Ion:	107	Resp:	170805
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.8	137.8
77	50.7	38.2	57.2
79	49.6	37.4	56.0



#18
Hexachloroethane
Concen: 23.66 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Tgt Ion:	117	Resp:	77594
Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.4	116.0
201	66.3	85.8	128.6#

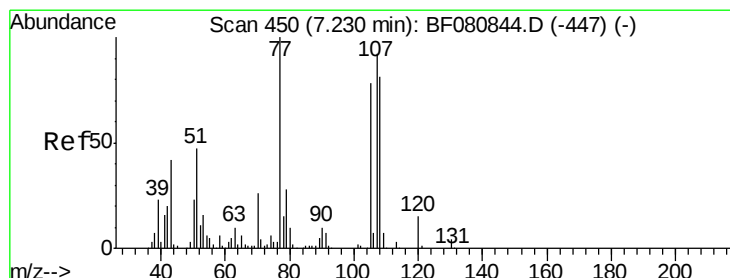
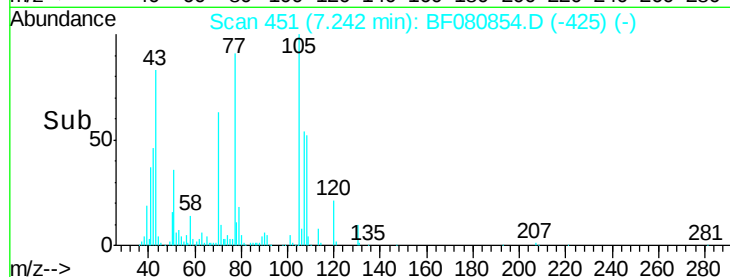
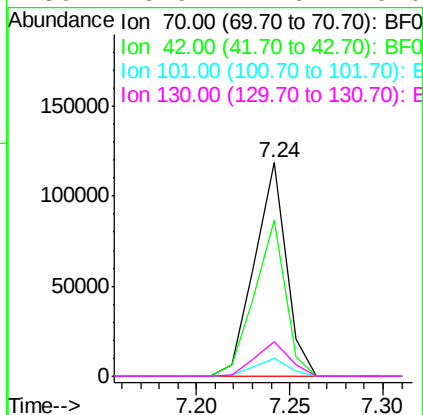
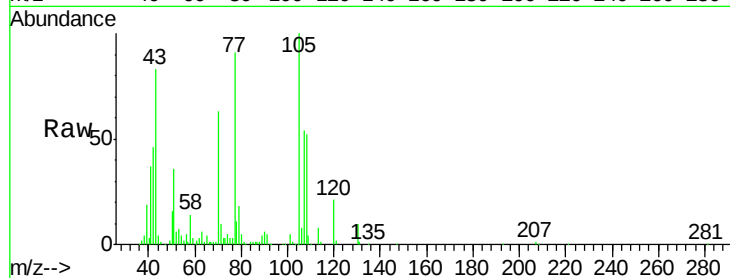




#19
n-Nitroso-di-n-propylamine
Concen: 23.18 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

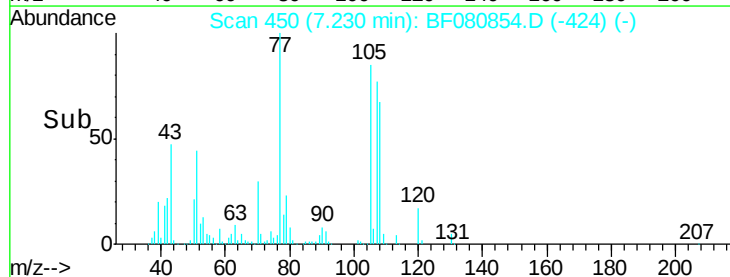
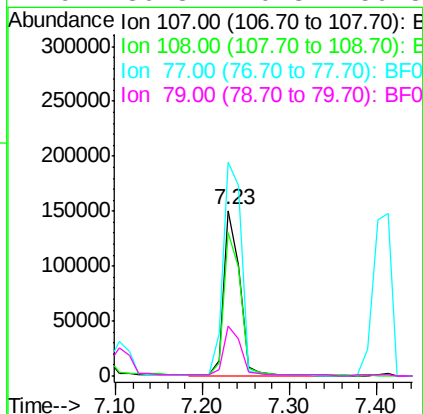
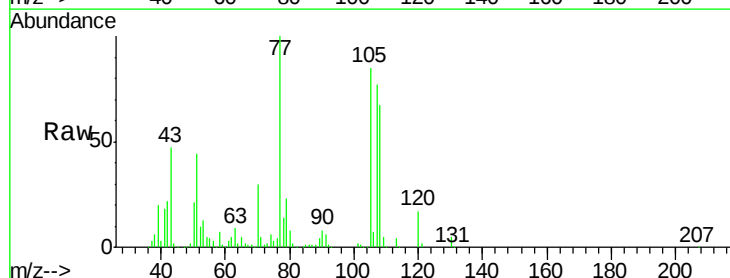
Instrument :
BNA_F
ClientSampleId :
PB84838BS

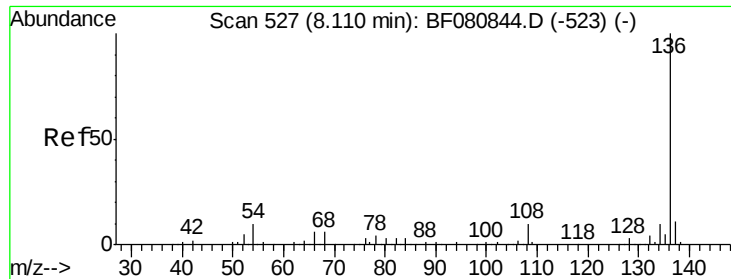
Tot Ion:	70	Resp:	140207
Ion	Ratio	Lower	Upper
70	100		
42	73.3	57.8	86.8
101	8.4	6.7	10.1
130	15.9	12.6	19.0



#20
3+4-Methylphenols
Concen: 23.68 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Tgt Ion:	107	Resp:	192999
Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.2	108.2
77	129.2	88.5	128.5#
79	30.3	10.3	50.3

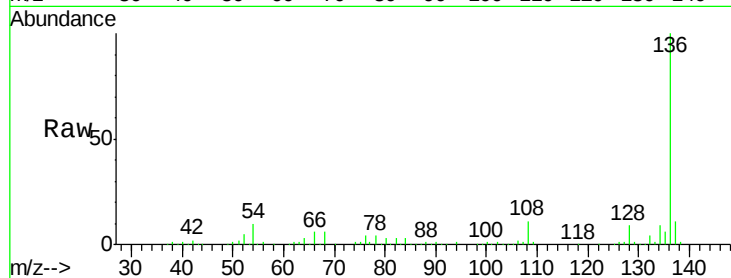




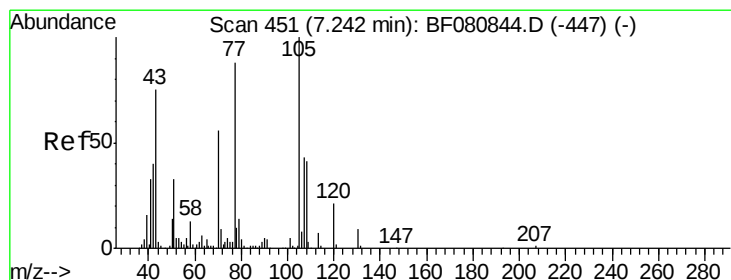
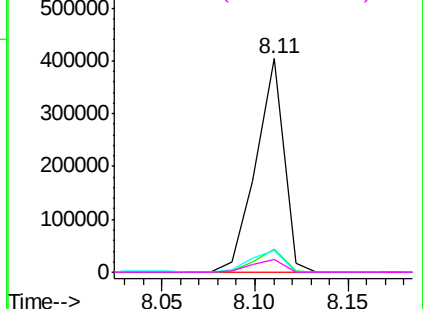
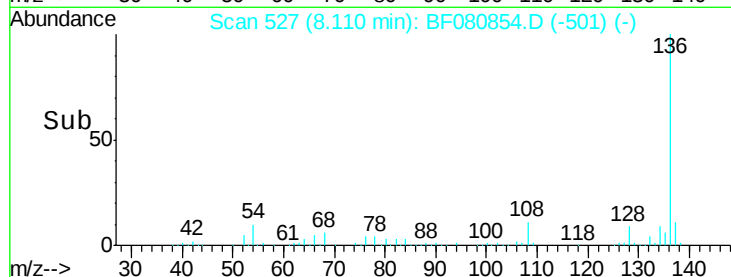
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tot Ion:136	Resp:	420187
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 13.0
54	10.2	8.3 12.5
68	5.7	4.8 7.2

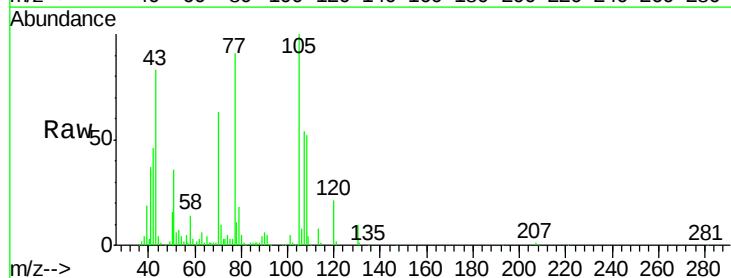


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

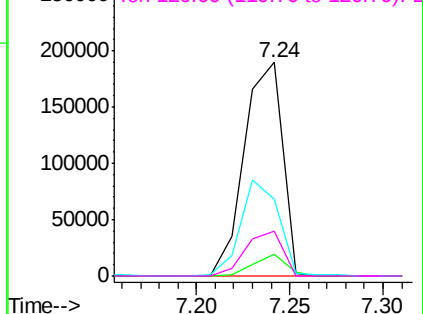
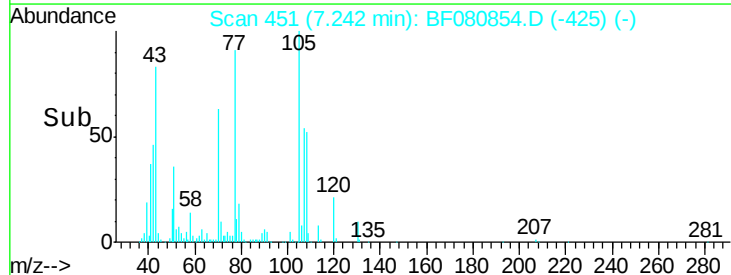


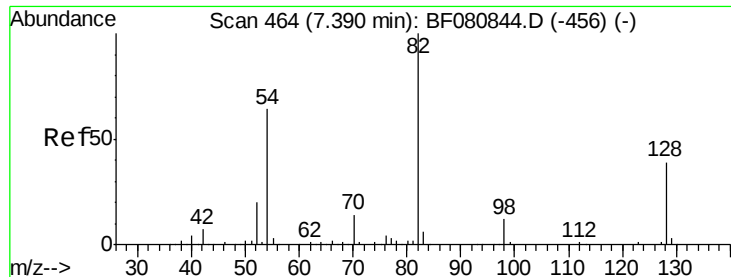
#22
Acetophenone
Concen: 26.33 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Tgt Ion:105	Resp:	270178
Ion Ratio	Lower	Upper
105	100	
71	10.3	7.4 11.2
51	36.1	26.5 39.7
120	21.0	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

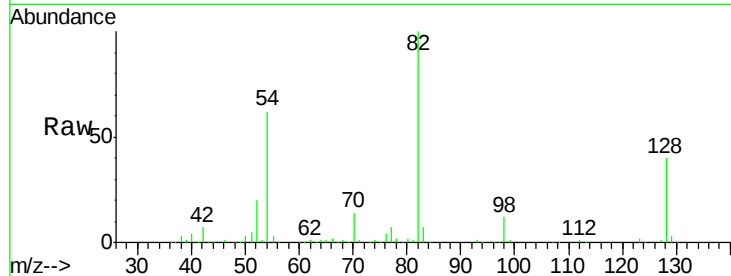




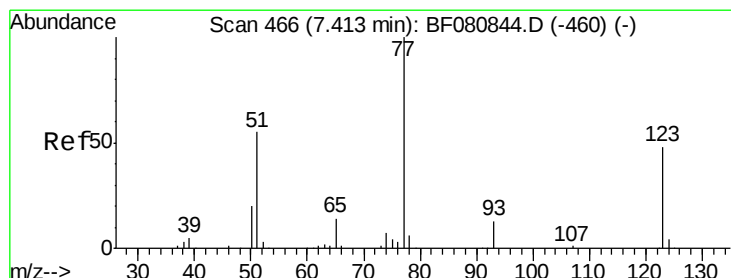
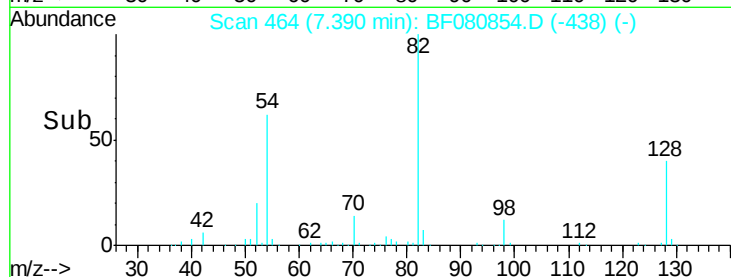
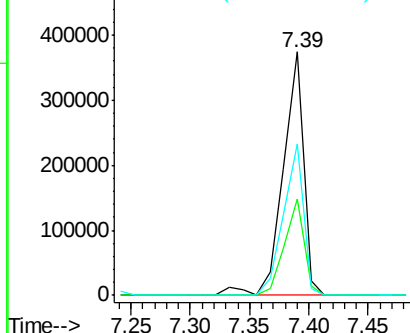
#23
Nitrobenzene-d5
Concen: 49.75 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tot Ion: 82 Resp: 443605
Ion Ratio Lower Upper
82 100
128 39.5 31.0 46.4
54 62.0 51.0 76.6

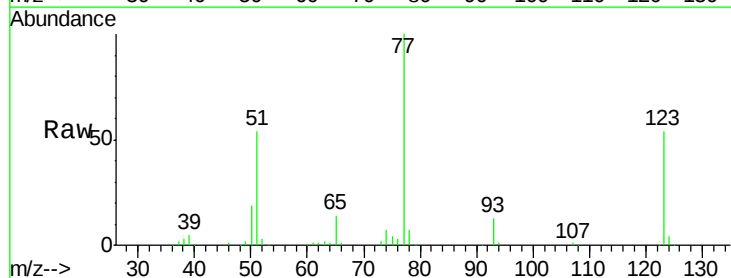


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

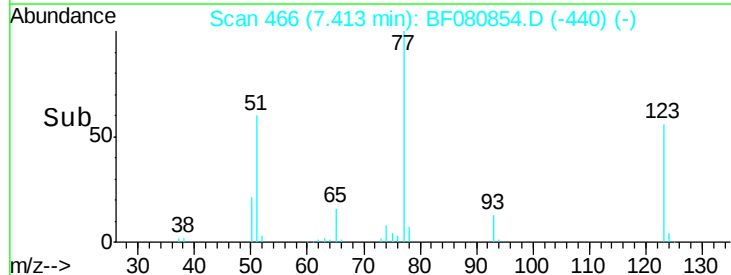
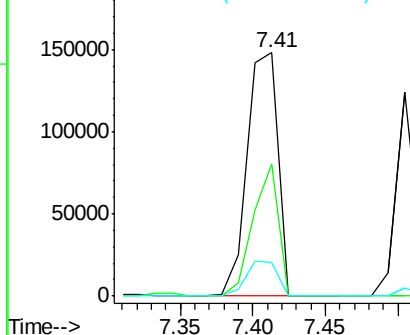


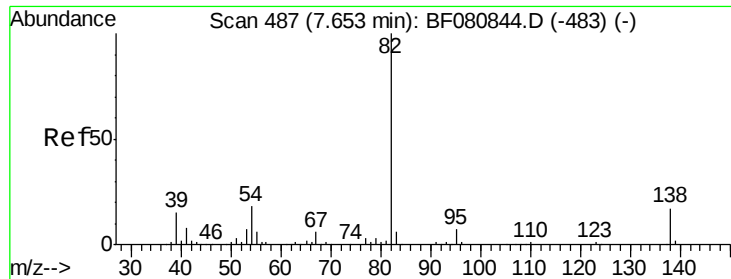
#24
Nitrobenzene
Concen: 23.57 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Tgt Ion: 77 Resp: 218000
Ion Ratio Lower Upper
77 100
123 54.5 39.7 59.5
65 14.0 11.0 16.6



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





#25

Isophorone

Concen: 25.14 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

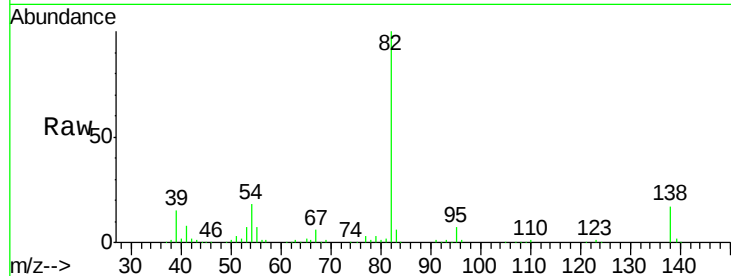
Tot Ion: 82 Resp: 397256

Ion Ratio Lower Upper

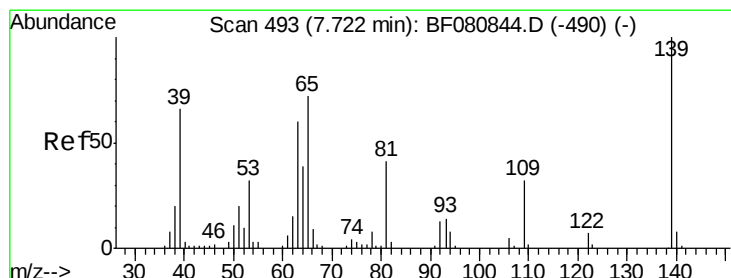
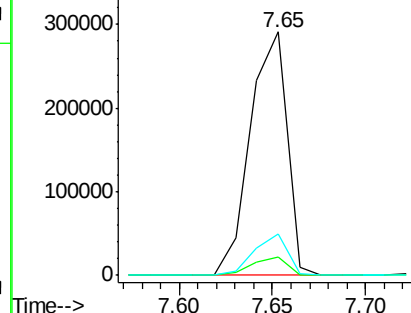
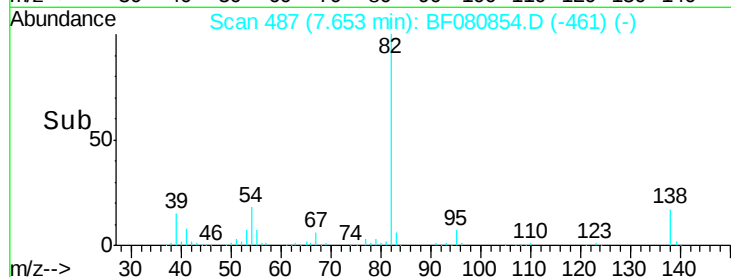
82 100

95 7.3 5.5 8.3

138 17.0 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: 24.18 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

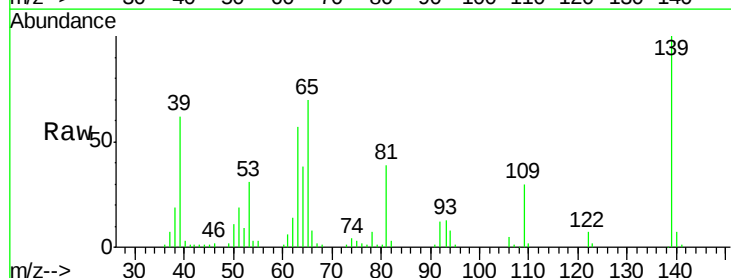
Tgt Ion: 139 Resp: 91721

Ion Ratio Lower Upper

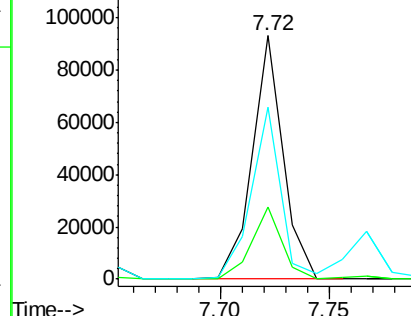
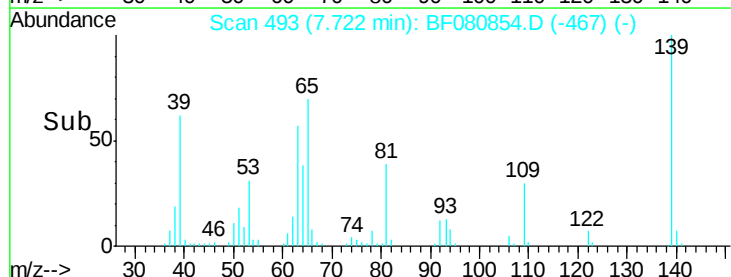
139 100

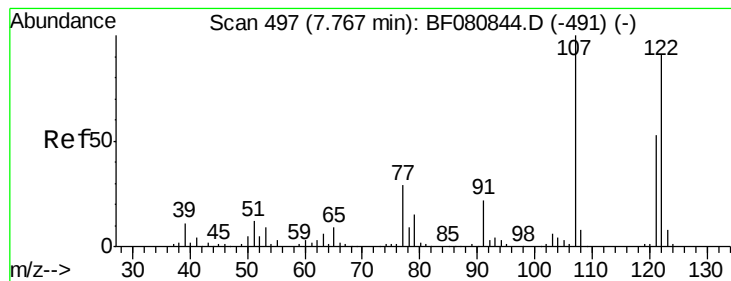
109 29.6 25.2 37.8

65 70.4 57.3 85.9



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





#27

2,4-Dimethylphenol

Concen: 28.56 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

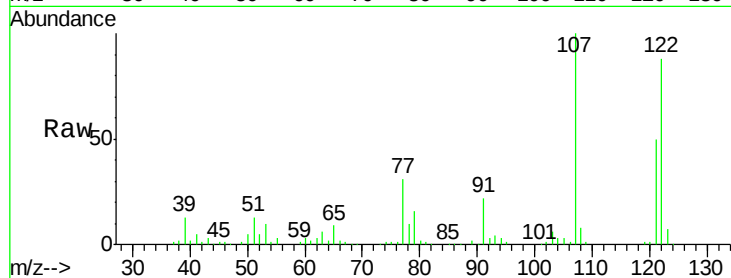
Tot Ion:122 Resp: 201703

Ion Ratio Lower Upper

122 100

107 113.9 88.2 132.4

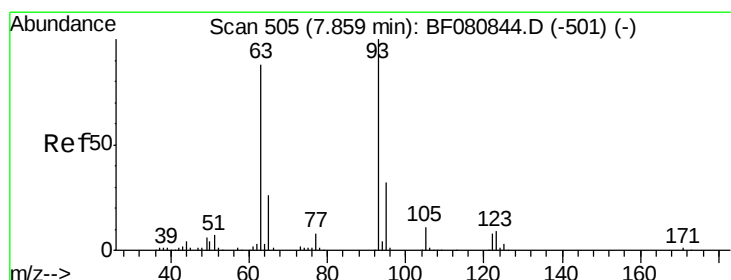
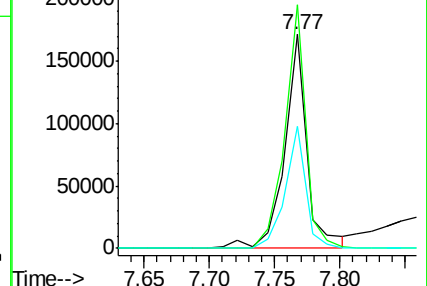
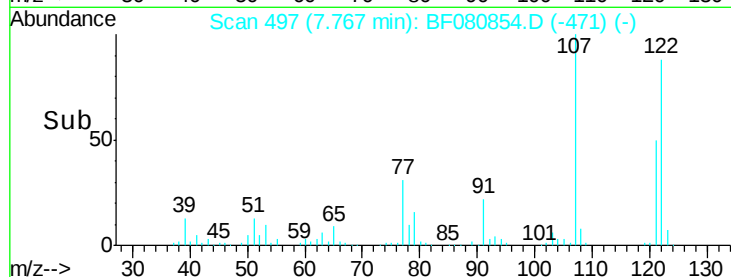
121 57.1 46.8 70.2



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: 23.64 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

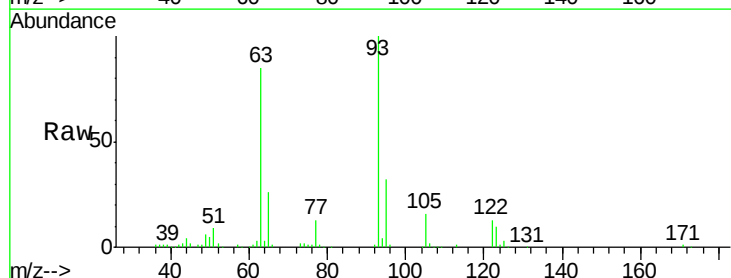
Tgt Ion: 93 Resp: 229676

Ion Ratio Lower Upper

93 100

95 32.0 25.9 38.9

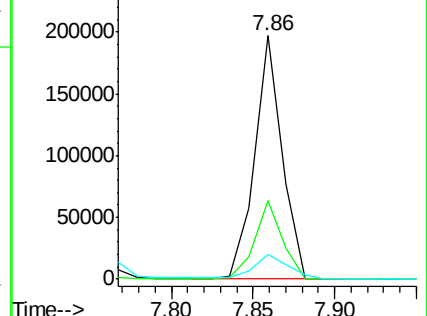
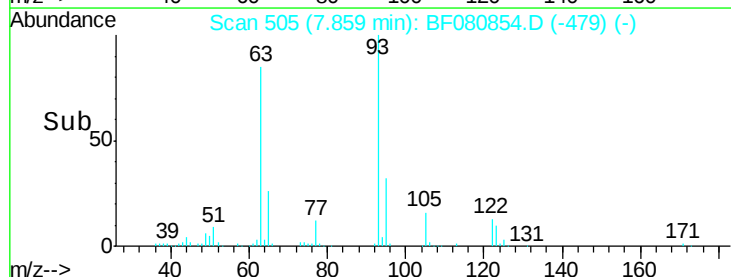
123 10.0 7.9 11.9

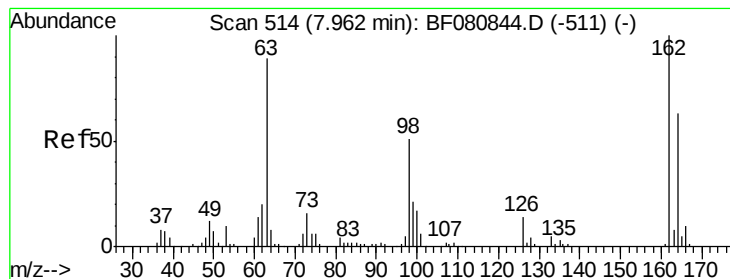


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 24.55 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

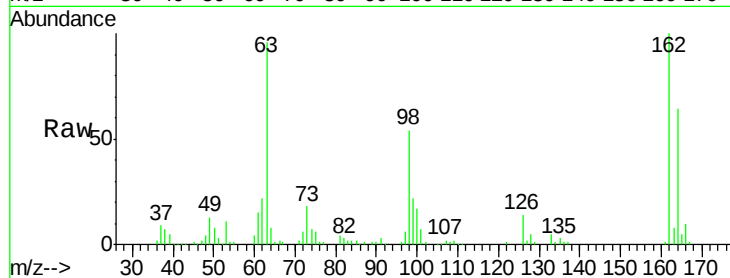
Tot Ion:162 Resp: 143143

Ion Ratio Lower Upper

162 100

164 63.6 43.1 83.1

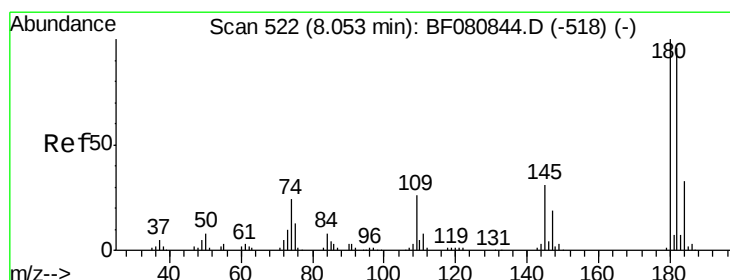
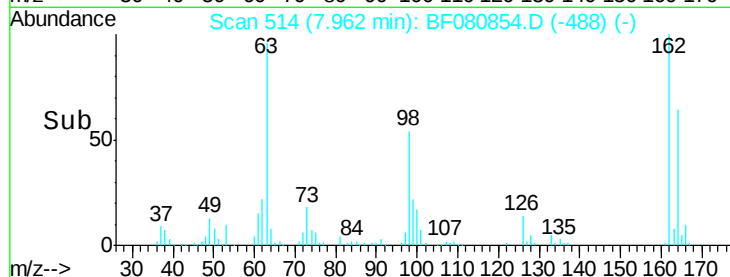
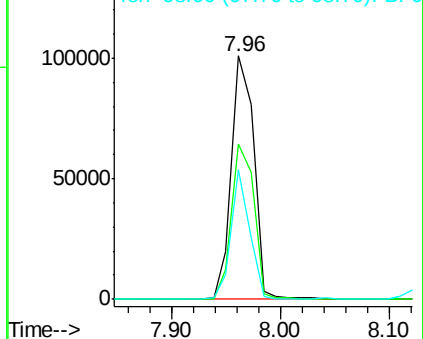
98 53.5 31.3 71.3



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: 24.67 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

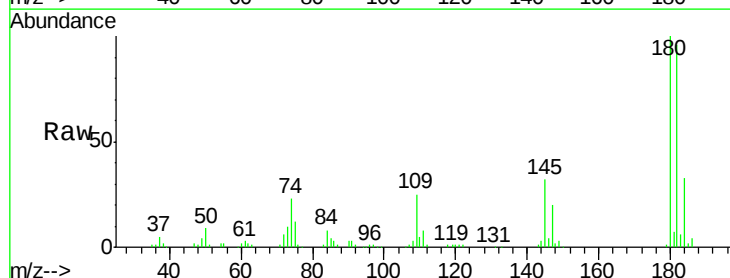
Tgt Ion:180 Resp: 163659

Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.4

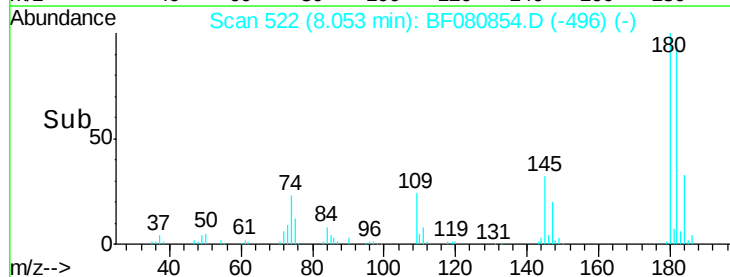
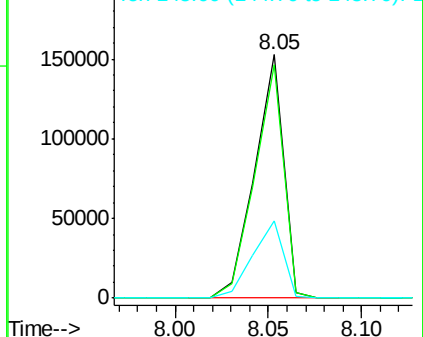
145 31.6 25.1 37.7

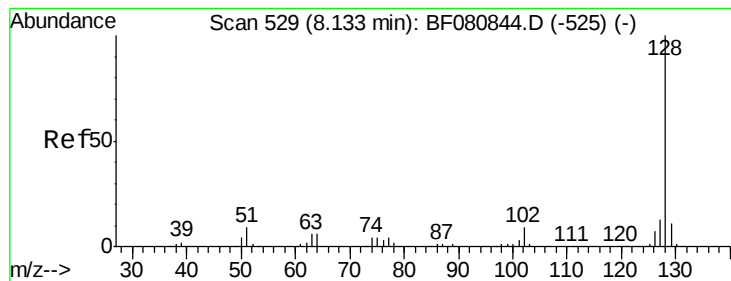


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 25.03 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

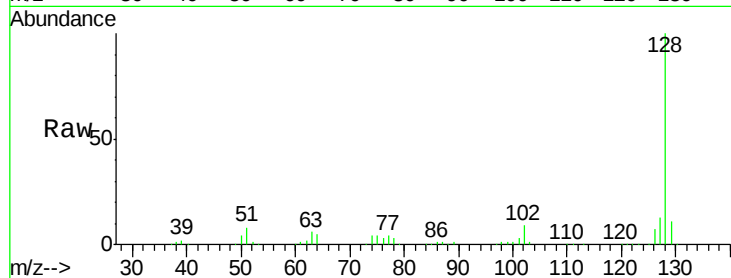
Tot Ion:128 Resp: 572848

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

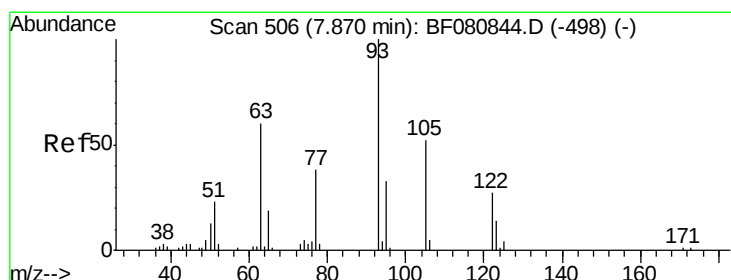
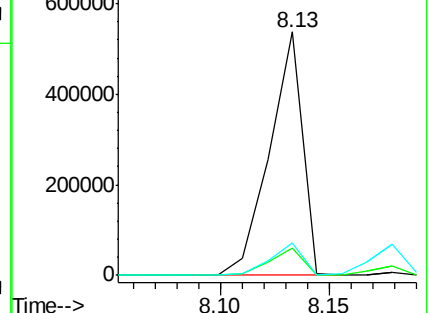
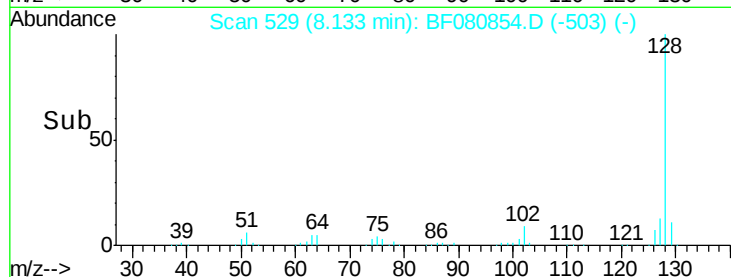
127 13.2 10.6 15.8



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: 25.08 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

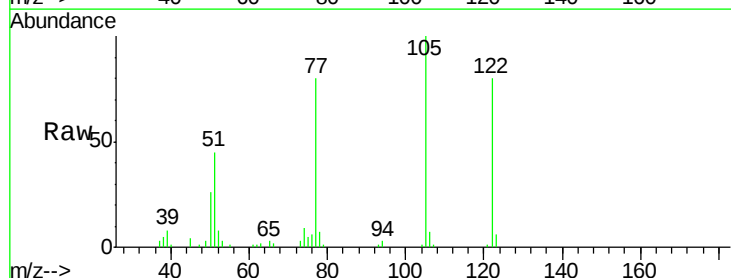
Tgt Ion:122 Resp: 113651

Ion Ratio Lower Upper

122 100

105 125.7 110.1 150.1

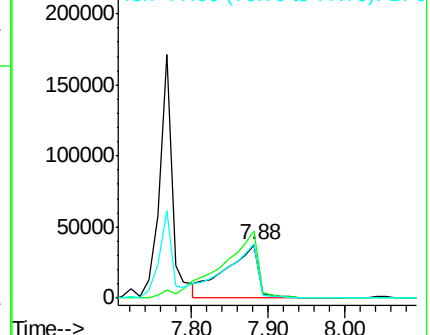
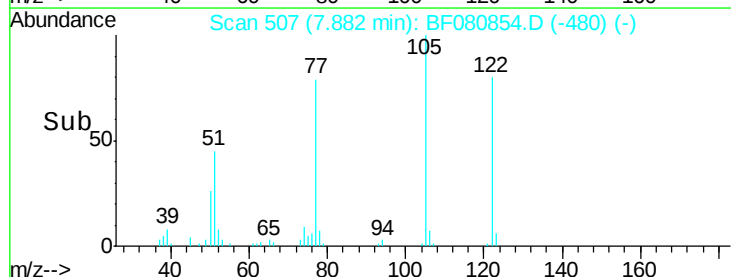
77 100.6 83.6 123.6

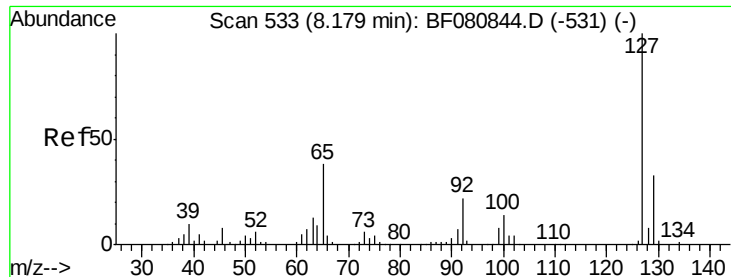


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

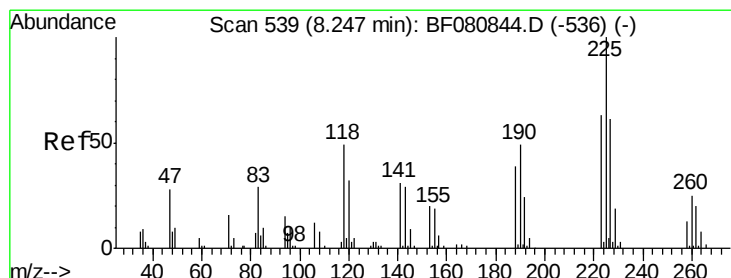
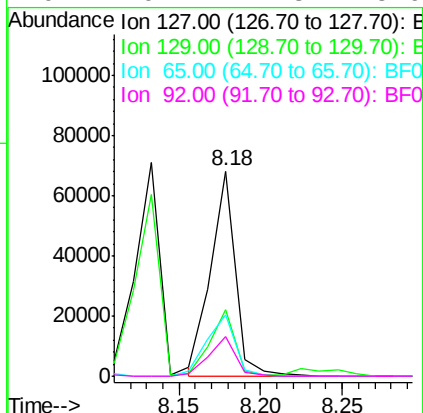
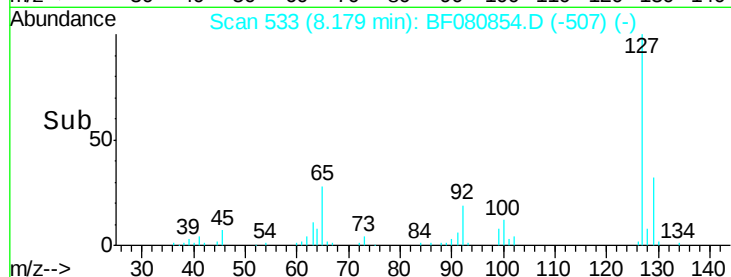
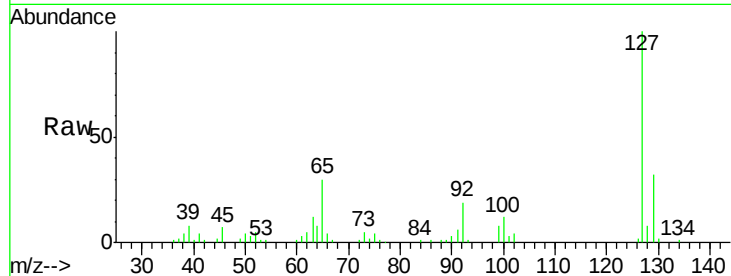




#33
4-Chloroaniline
Concen: 8.06 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

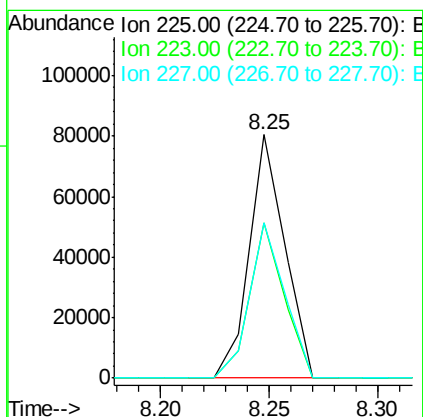
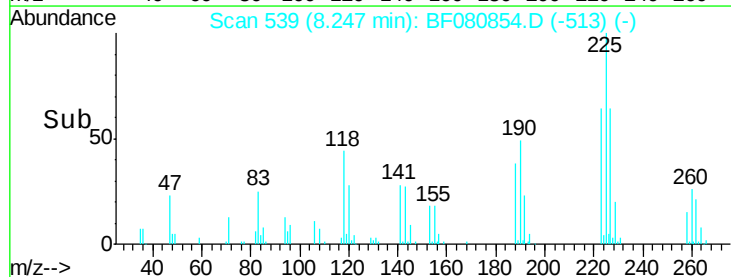
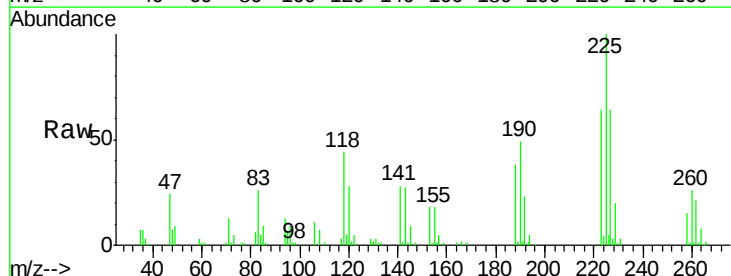
Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tot Ion:	127	Resp:	72178
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	30.1	30.3	45.5#
92	19.1	17.3	25.9



#34
Hexachlorobutadiene
Concen: 24.10 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Tgt Ion:	225	Resp:	91163
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.0	75.0
227	63.9	48.5	72.7





#35

Caprolactam

Concen: 21.13 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

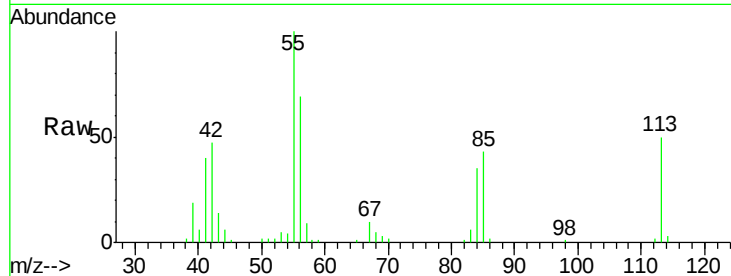
Tot Ion:113 Resp: 35179

Ion Ratio Lower Upper

113 100

55 199.2 236.2 276.2#

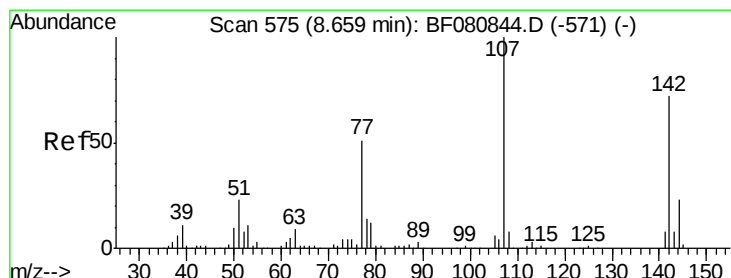
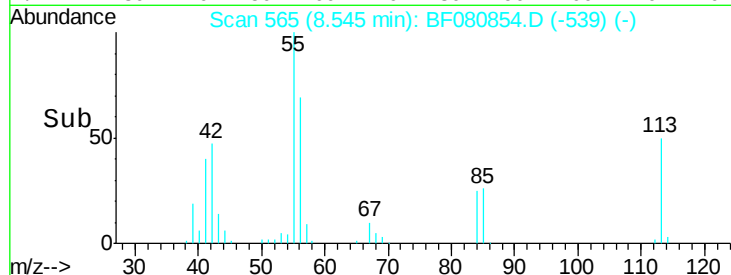
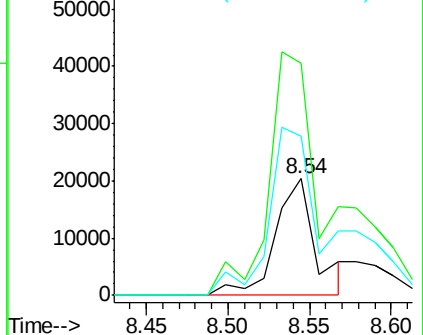
56 136.7 165.2 205.2#



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: 25.54 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

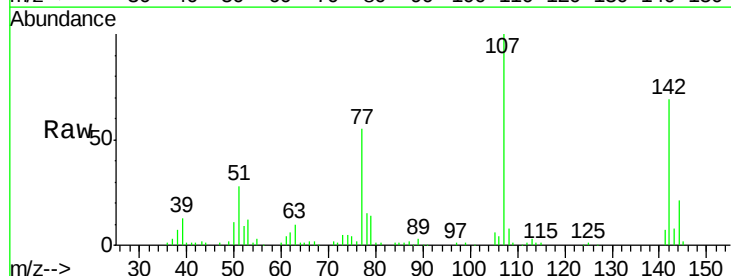
Tgt Ion:107 Resp: 163387

Ion Ratio Lower Upper

107 100

144 21.4 18.3 27.5

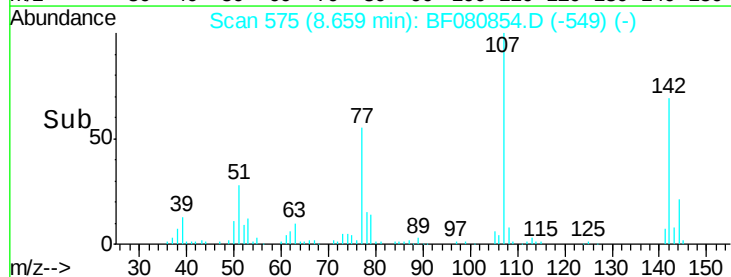
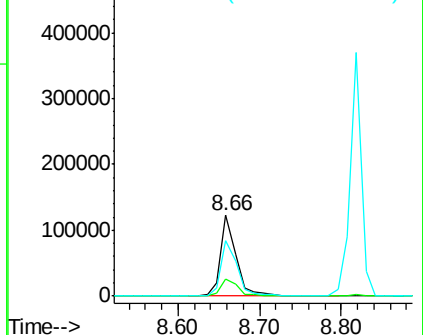
142 68.8 57.8 86.8

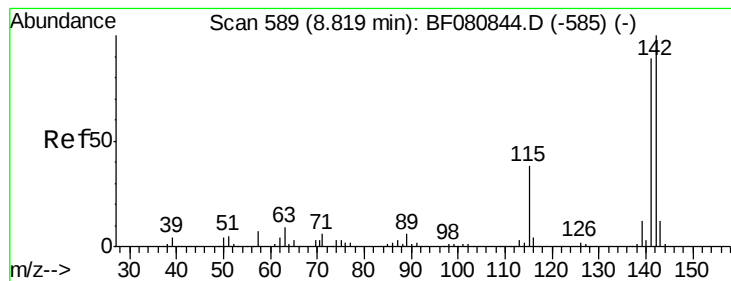


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 25.32 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

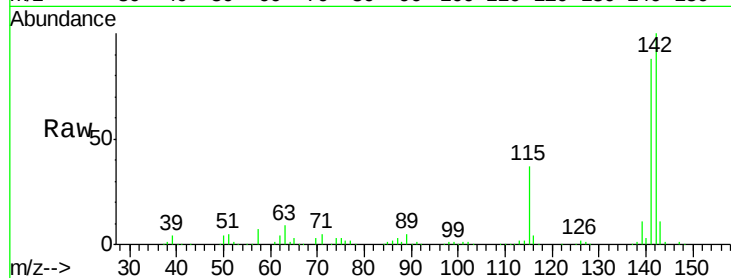
Tot Ion:142 Resp: 347229

Ion Ratio Lower Upper

142 100

141 88.3 71.5 107.3

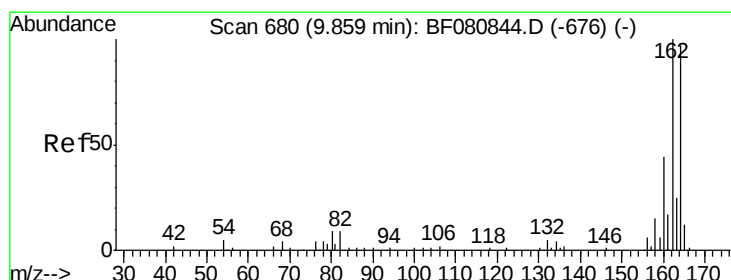
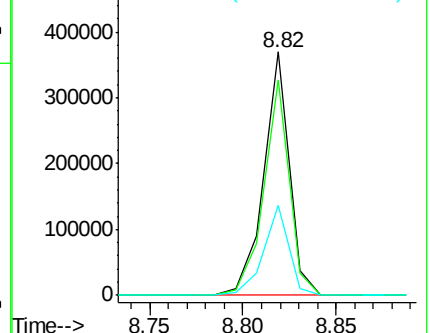
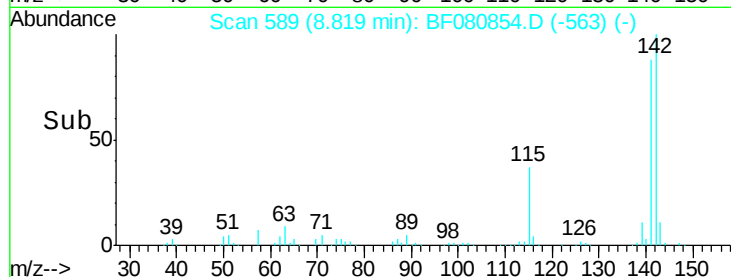
115 37.2 30.5 45.7



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: BF080854.D

Acq: 4 Aug 2015 23:25

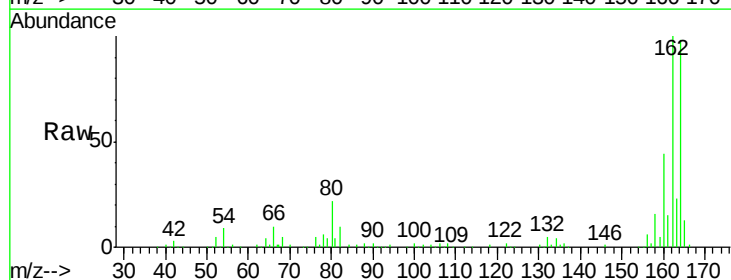
Tgt Ion:164 Resp: 184426

Ion Ratio Lower Upper

164 100

162 101.7 82.9 124.3

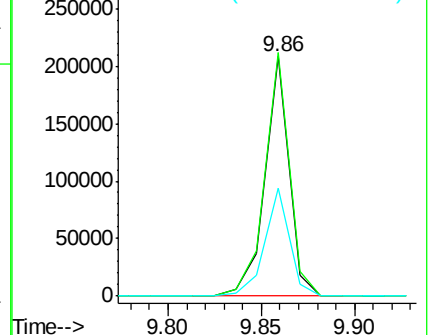
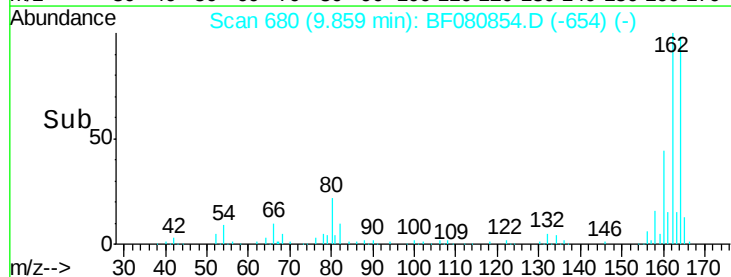
160 45.2 36.6 54.8

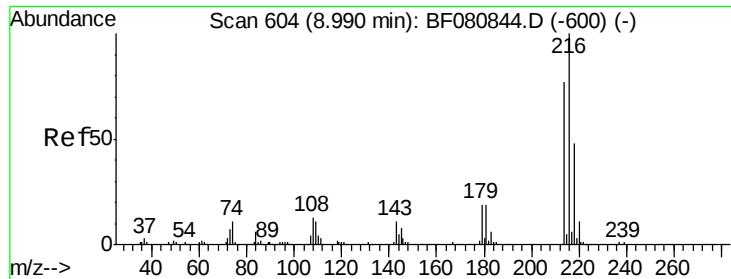


Abundance Ion 164.00 (163.70 to 164.70): E

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: 22.13 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

Tot Ion:216 Resp: 139292

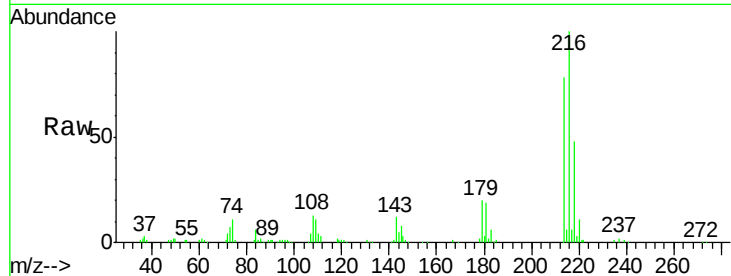
Ion Ratio Lower Upper

216 100

214 79.2 62.1 93.1

179 21.9 17.0 25.6

108 24.0 16.5 24.7

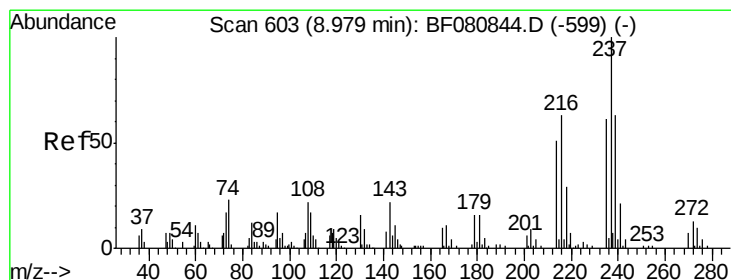
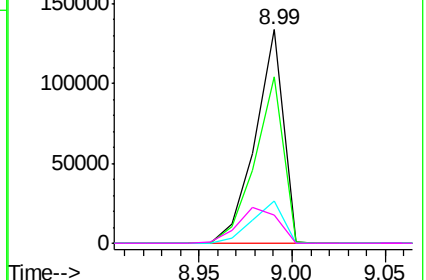
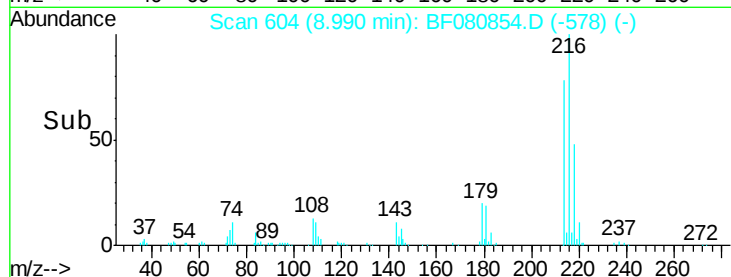


Abundance Ion 216.00 (215.70 to 216.70): E

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: 52.29 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

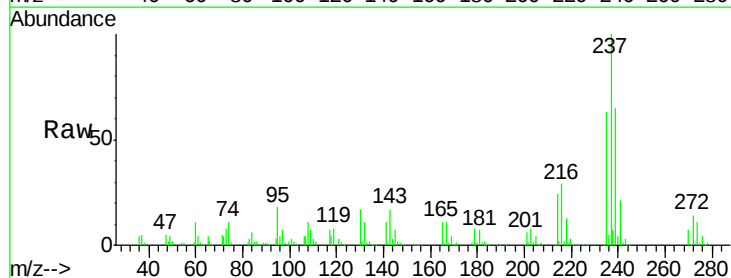
Tgt Ion:237 Resp: 197615

Ion Ratio Lower Upper

237 100

235 63.0 40.9 80.9

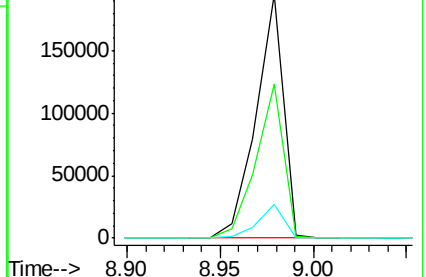
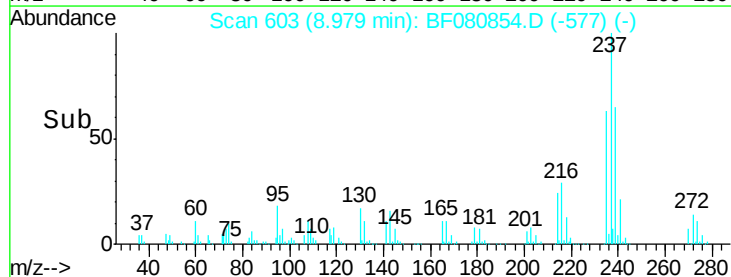
272 13.8 0.0 33.1

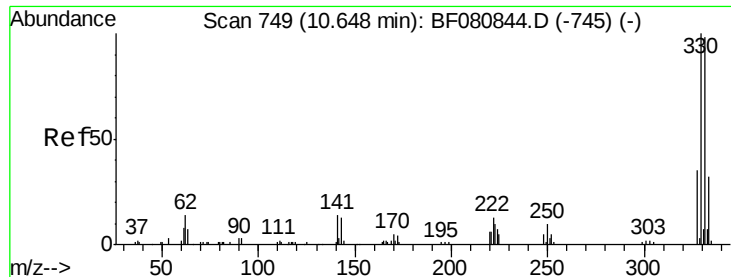


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

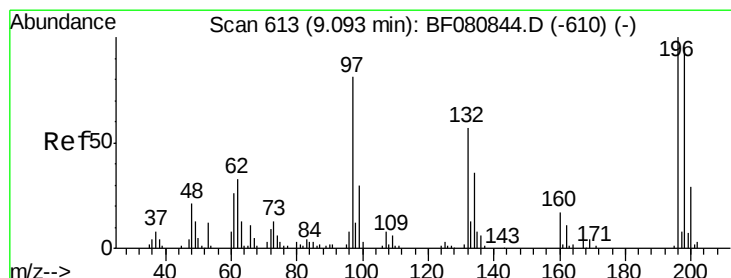
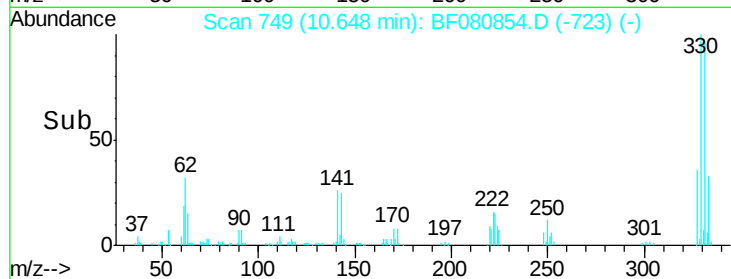
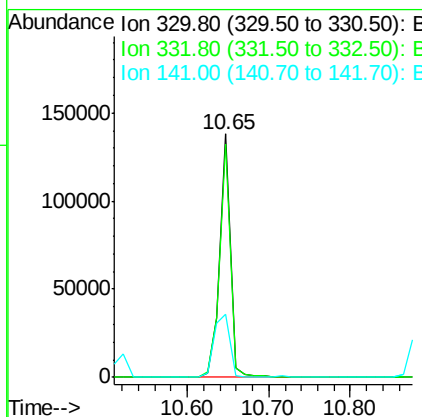
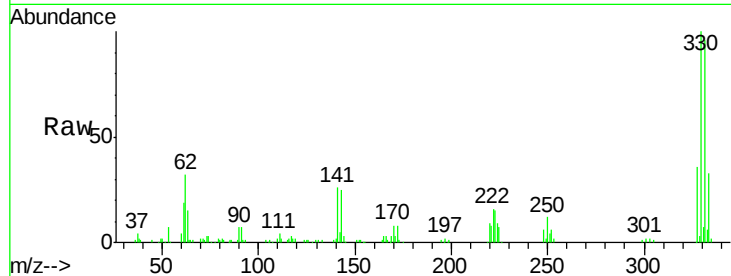




#41
 2,4,6-Tribromophenol
 Concen: 71.49 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

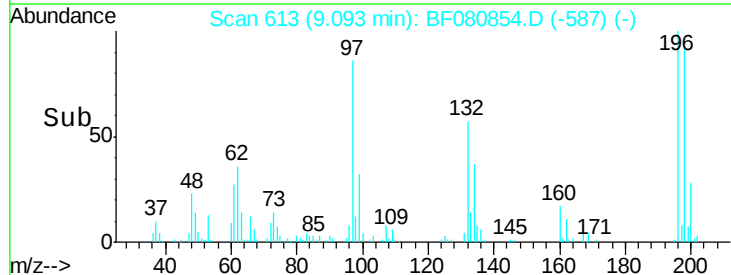
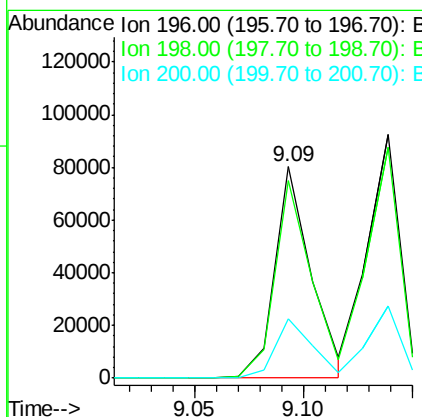
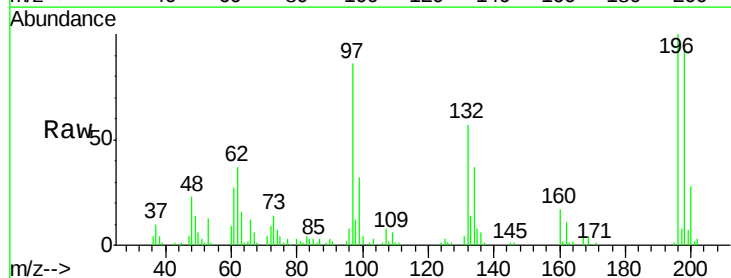
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

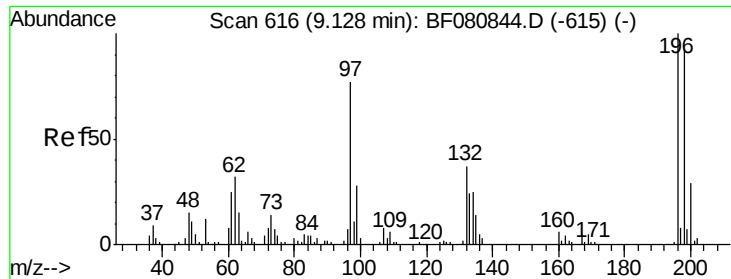
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.8	116.8
141	38.4	28.4	42.6



#42
 2,4,6-Trichlorophenol
 Concen: 22.01 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	76.4	114.6
200	28.0	23.1	34.7

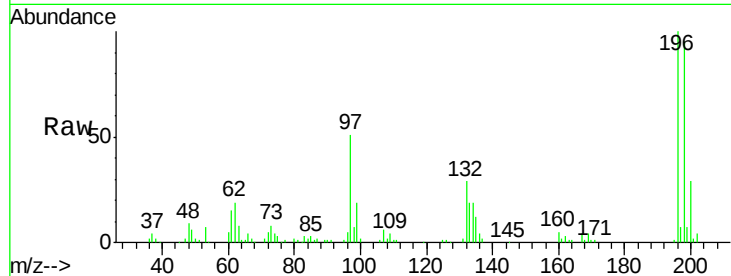




#43
 2,4,5-Trichlorophenol
 Concen: 24.53 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.2	111.4
97	51.0	63.0	94.6#
132	29.3	30.0	45.0#



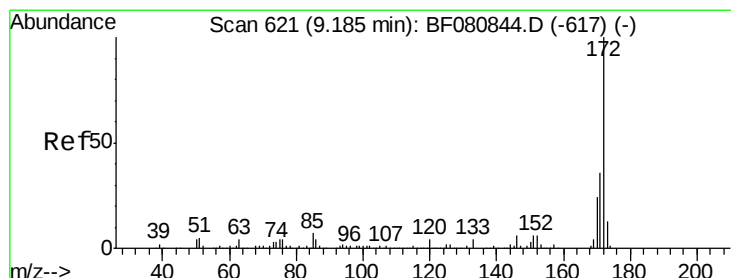
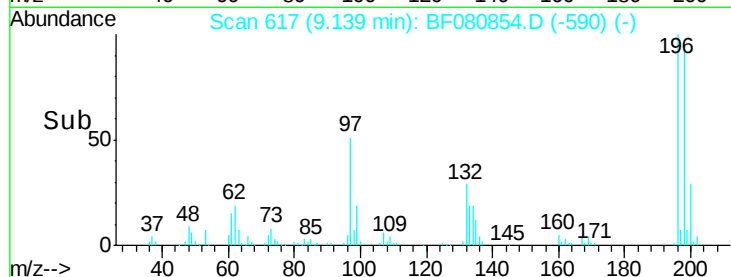
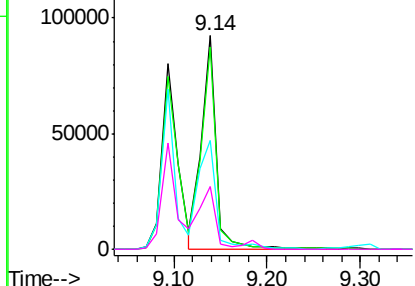
Abundance

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: 47.93 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

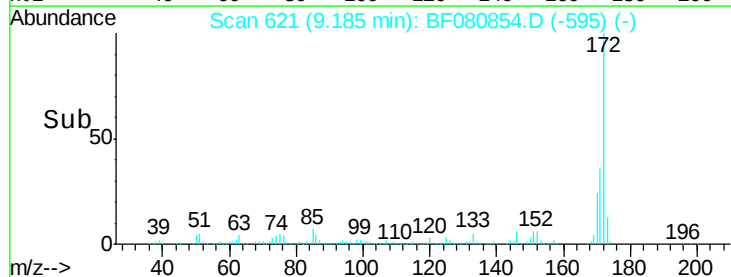
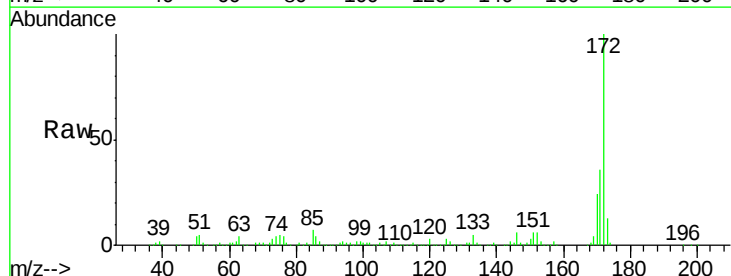
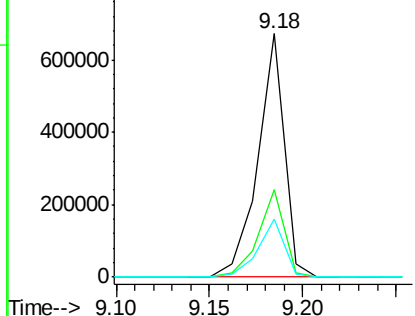
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.0	19.4	29.2

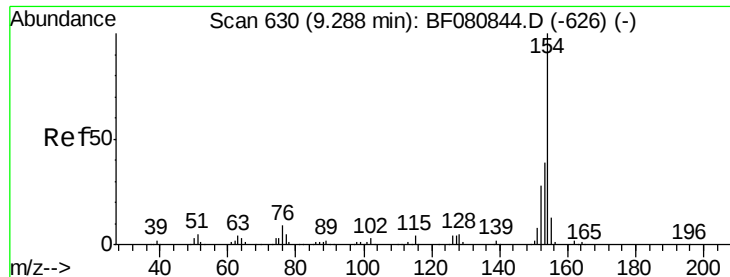
Abundance

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: 24.99 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampled :

PB84838BS

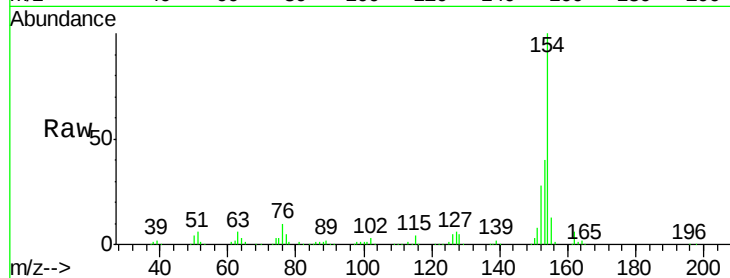
Tot Ion:154 Resp: 424832

Ion Ratio Lower Upper

154 100

153 39.7 19.2 59.2

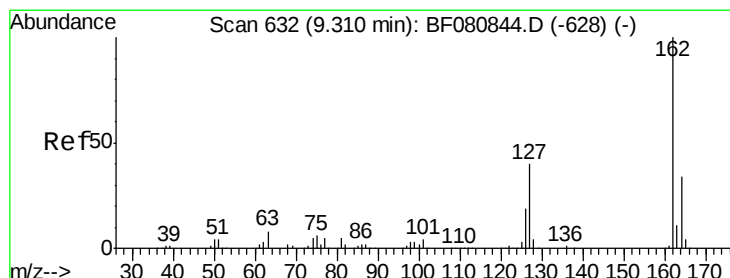
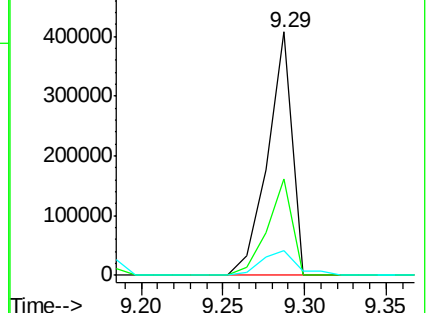
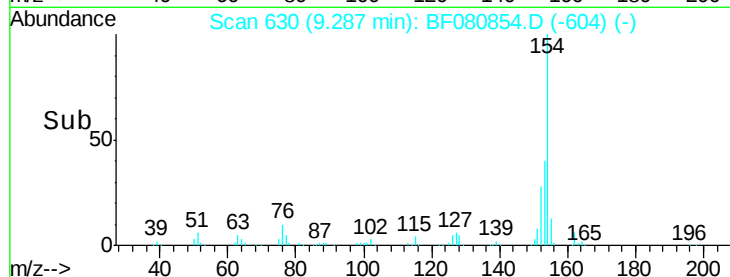
76 10.1 0.0 29.3



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: 23.44 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

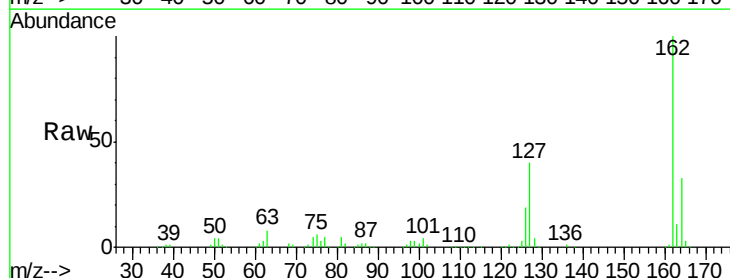
Tgt Ion:162 Resp: 309937

Ion Ratio Lower Upper

162 100

127 40.4 31.9 47.9

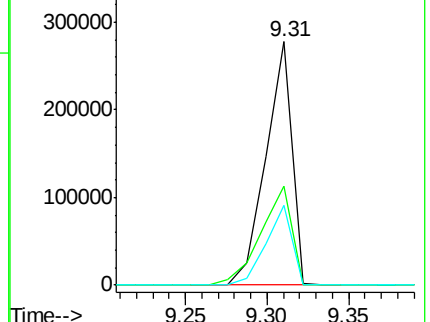
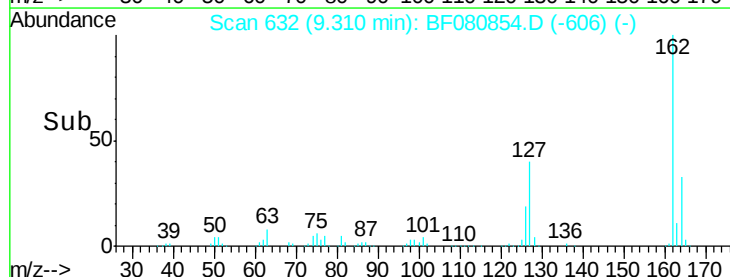
164 32.8 26.8 40.2

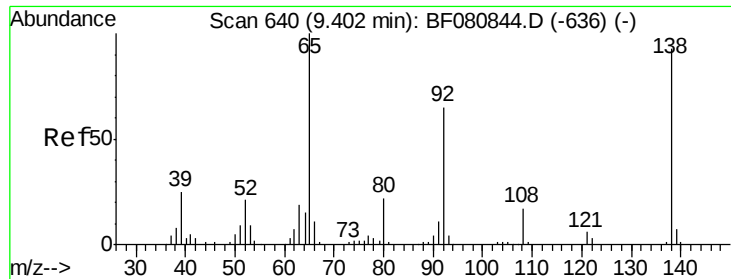


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

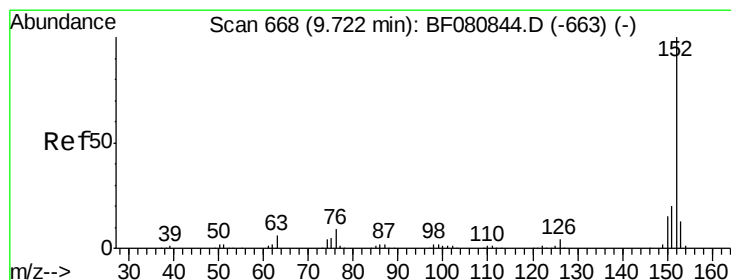
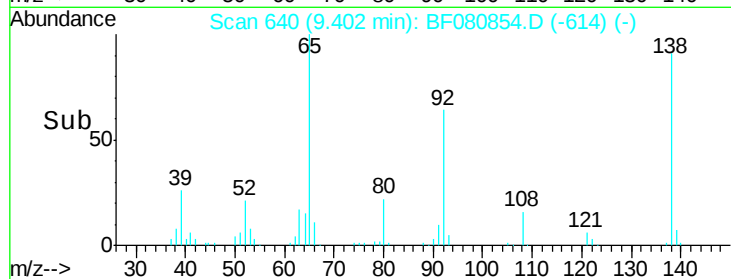
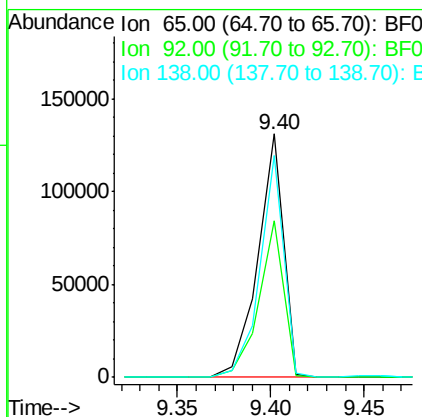
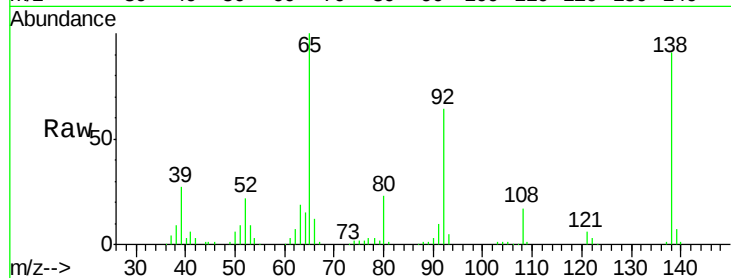




#47
 2-Nitroaniline
 Concen: 25.65 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

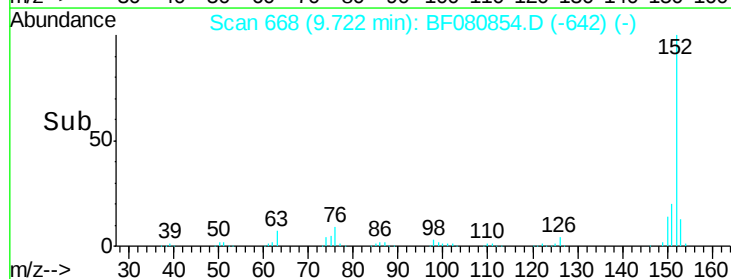
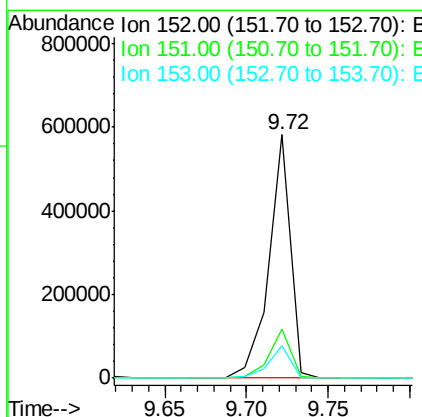
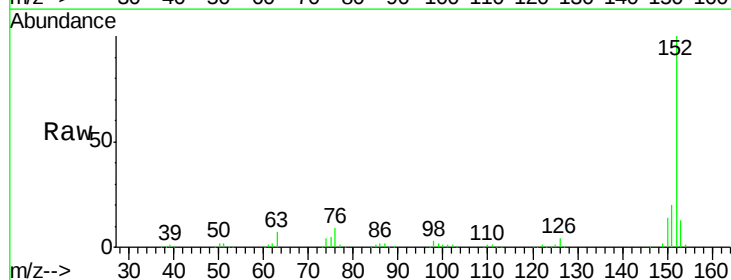
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

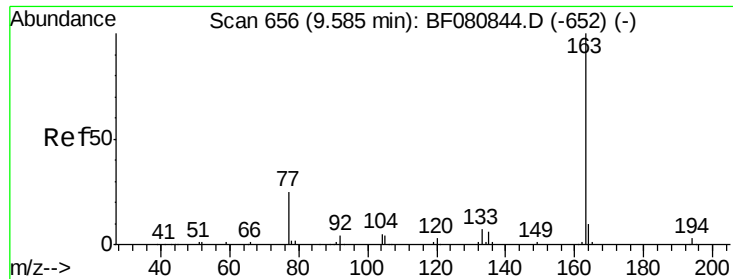
Tot Ion: 65 Resp: 123444
 Ion Ratio Lower Upper
 65 100
 92 64.1 51.7 77.5
 138 90.9 74.2 111.2



#48
 Acenaphthylene
 Concen: 24.63 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

Tgt Ion: 152 Resp: 535955
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.2 24.4
 153 13.2 10.6 15.8

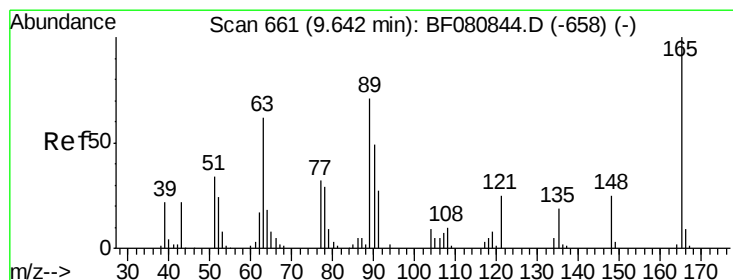
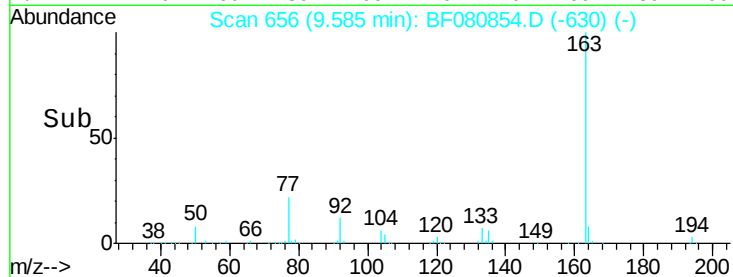
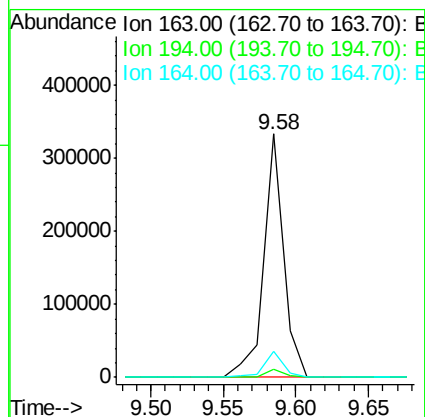
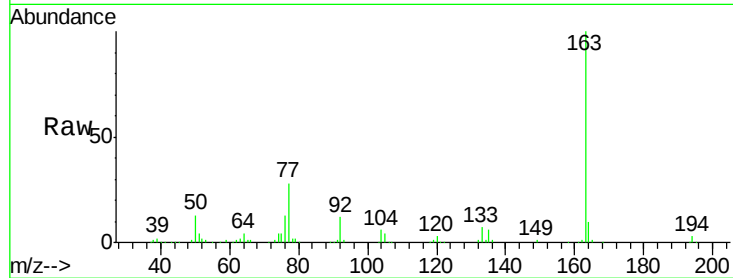




#49
Dimethylphthalate
Concen: 23.47 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

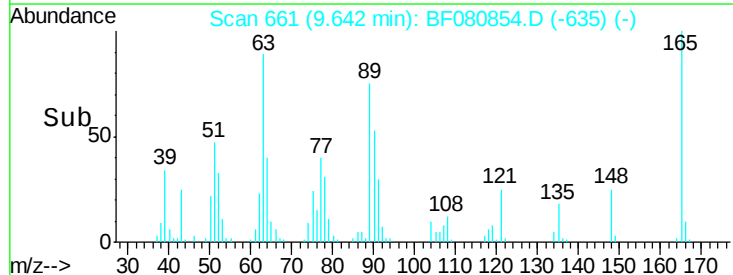
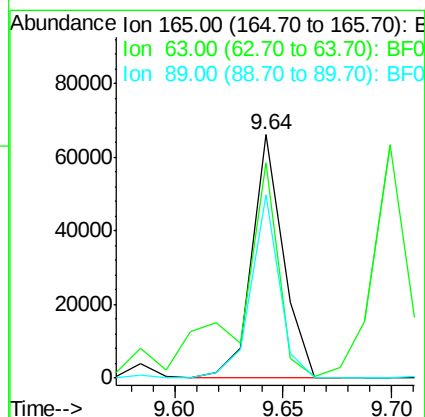
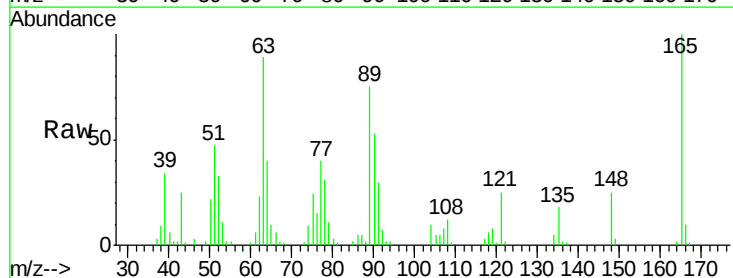
Instrument :
BNA_F
ClientSampleId :
PB84838BS

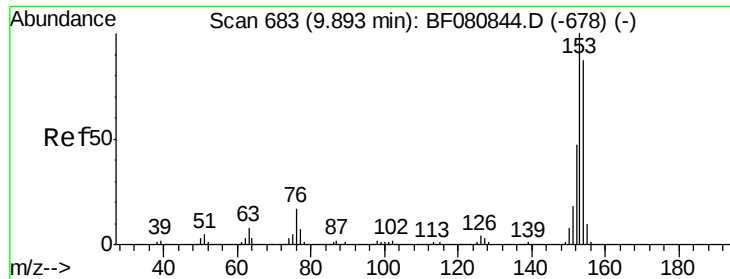
Tot Ion:163 Resp: 315714
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 23.48 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Tgt Ion:165 Resp: 66058
Ion Ratio Lower Upper
165 100
63 88.5 65.0 97.6
89 75.2 56.6 85.0





#51

Acenaphthene

Concen: 26.89 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

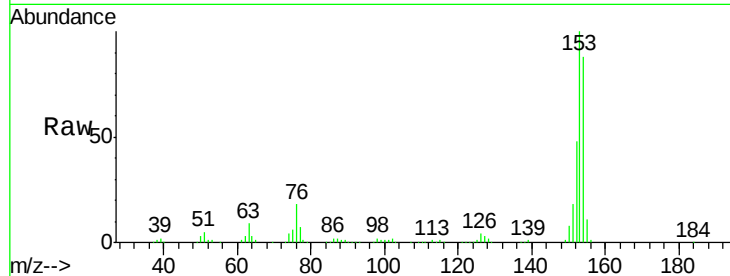
Tot Ion:154 Resp: 351723

Ion Ratio Lower Upper

154 100

153 113.5 91.8 137.6

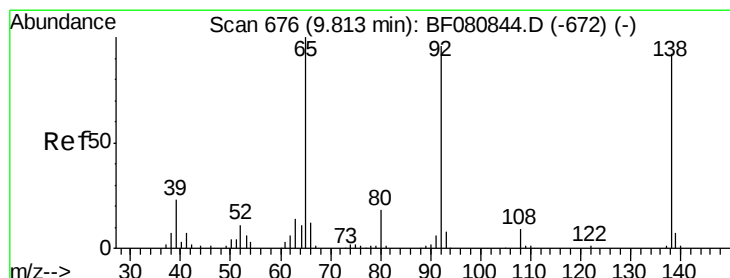
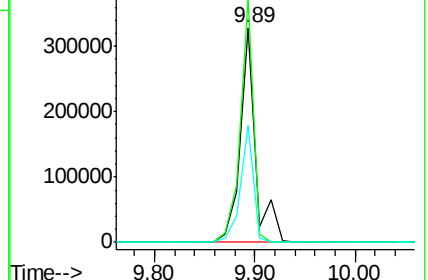
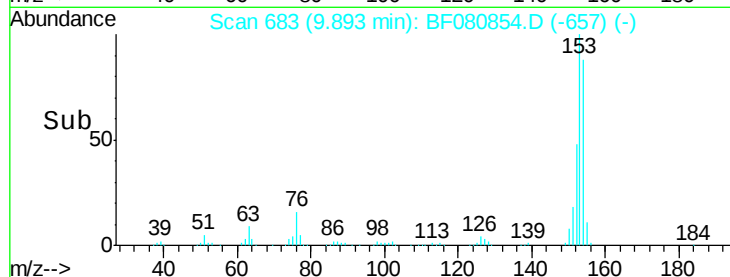
152 54.4 43.2 64.8



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: 13.15 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

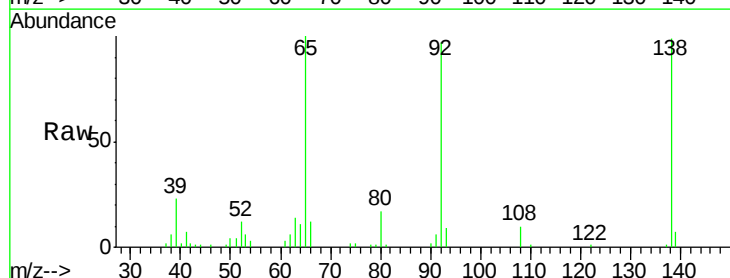
Tgt Ion:138 Resp: 45701

Ion Ratio Lower Upper

138 100

108 9.8 7.9 11.9

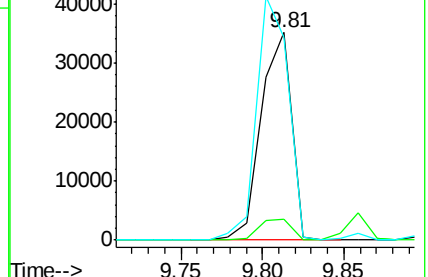
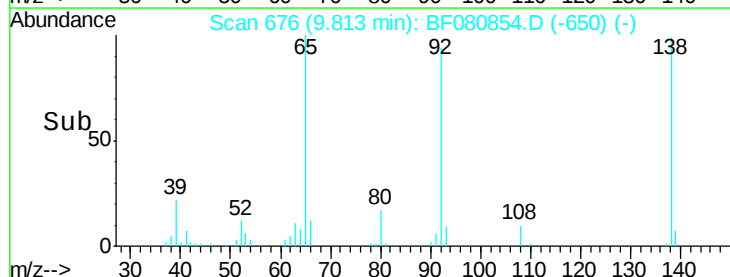
92 97.5 83.7 125.5

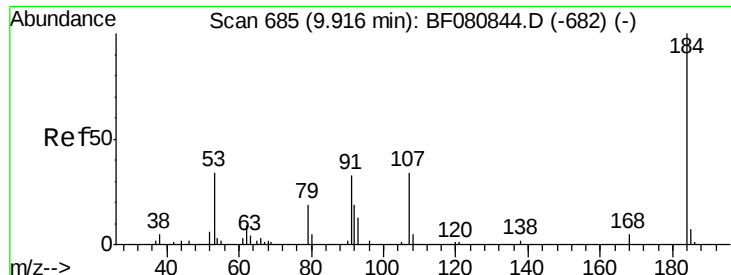


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

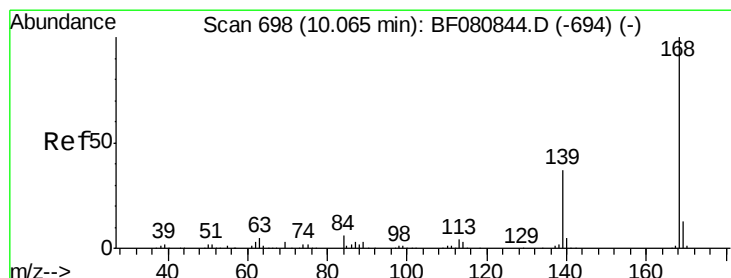
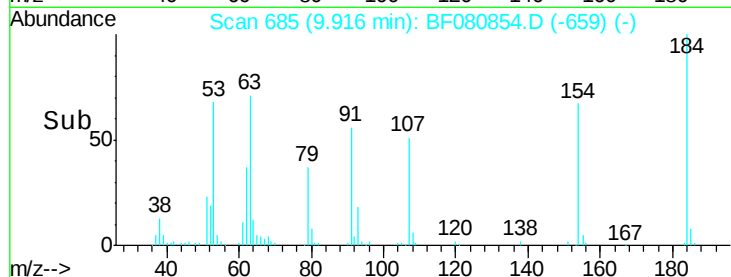
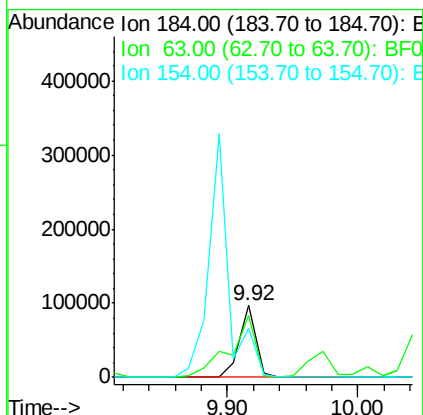
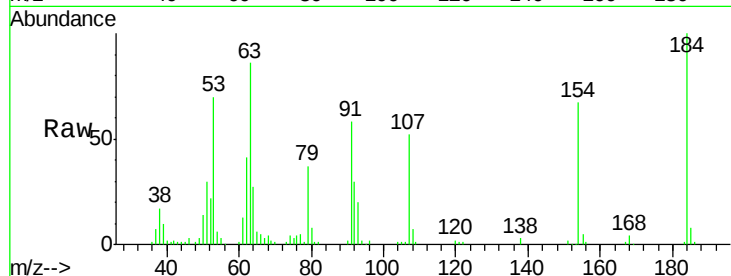




#53
 2,4-Dinitrophenol
 Concen: 50.02 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

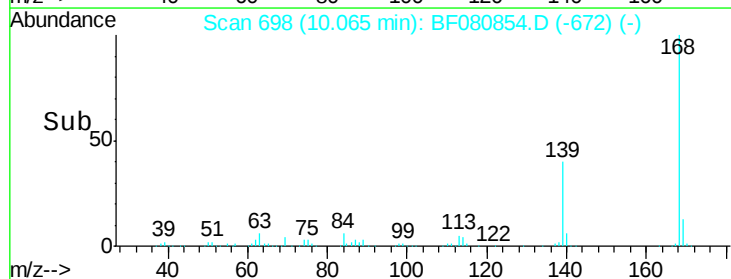
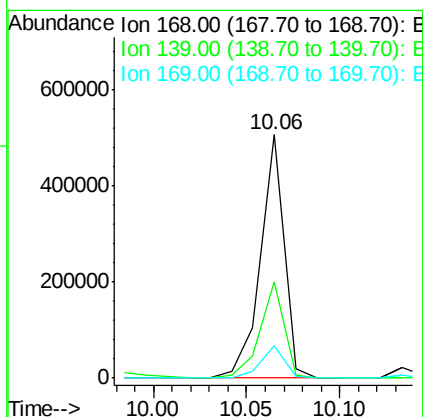
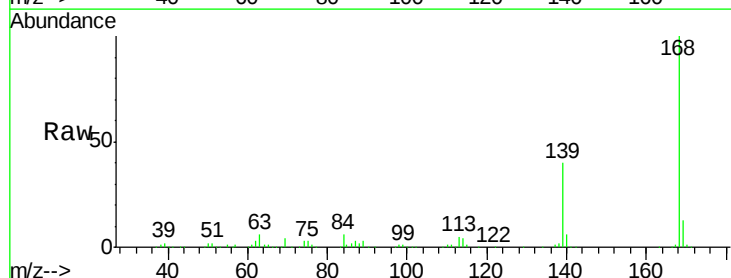
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

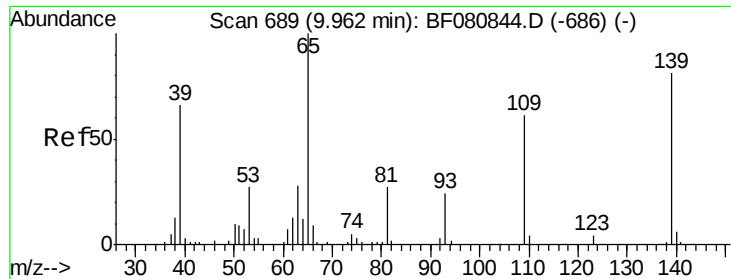
Tot Ion:184 Resp: 85835
 Ion Ratio Lower Upper
 184 100
 63 86.1 33.8 50.6#
 154 67.2 44.2 66.2#



#54
 Dibenzofuran
 Concen: 25.34 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

Tgt Ion:168 Resp: 441958
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.0 45.0
 169 13.4 10.6 16.0

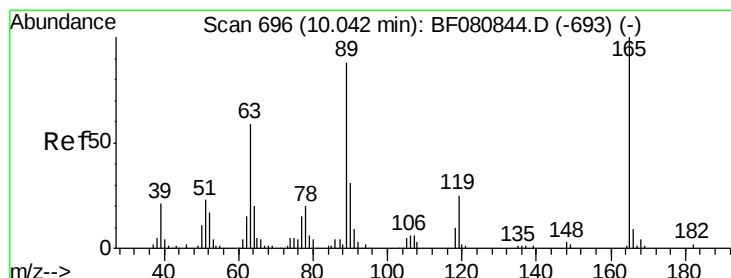
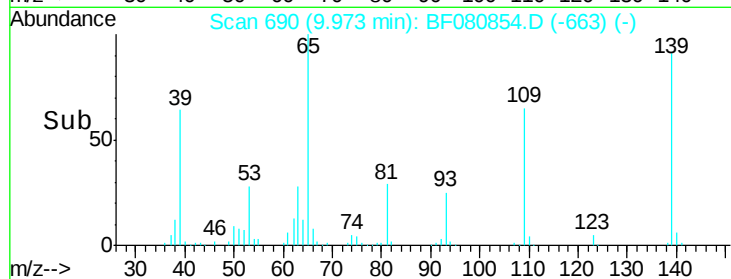
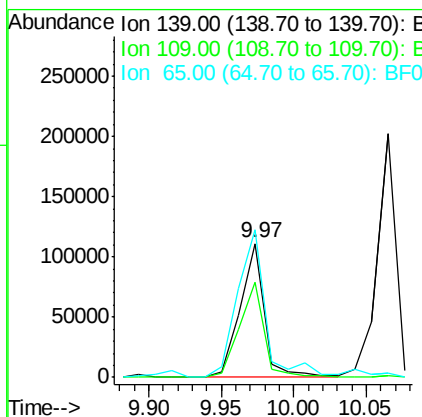
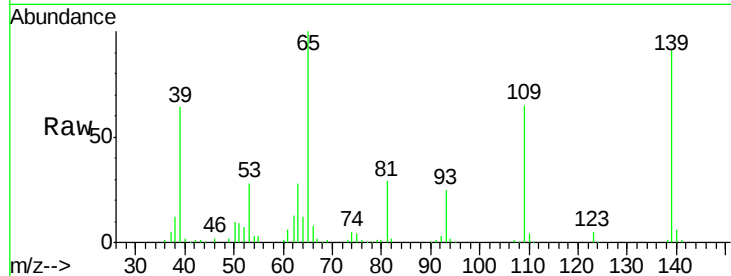




#55
4-Nitrophenol
Concen: 53.25 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

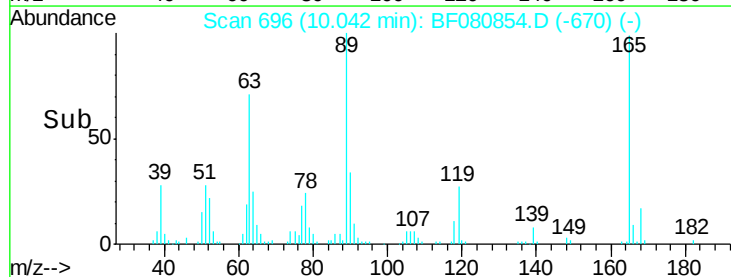
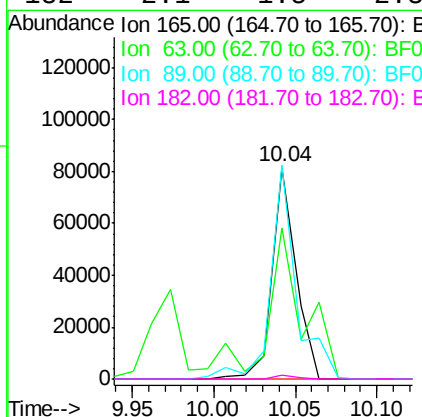
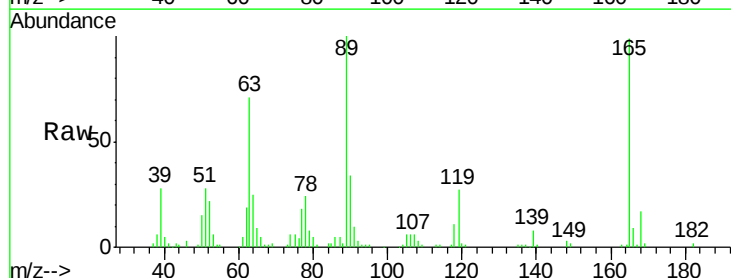
Instrument :
BNA_F
ClientSampleId :
PB84838BS

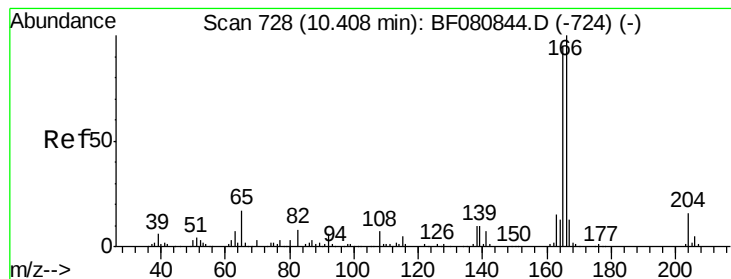
Tot Ion:139 Resp: 130177
Ion Ratio Lower Upper
139 100
109 71.0 54.4 94.4
65 109.6 103.0 143.0



#56
2,4-Dinitrotoluene
Concen: 23.35 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Tgt Ion:165 Resp: 82938
Ion Ratio Lower Upper
165 100
63 71.8 47.2 70.8#
89 101.1 70.2 105.2
182 2.1 1.5 2.3





#57

Fluorene

Concen: 24.92 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

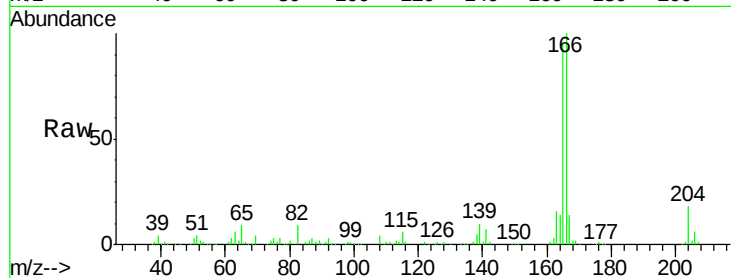
Tot Ion:166 Resp: 331980

Ion Ratio Lower Upper

166 100

165 95.7 76.2 114.2

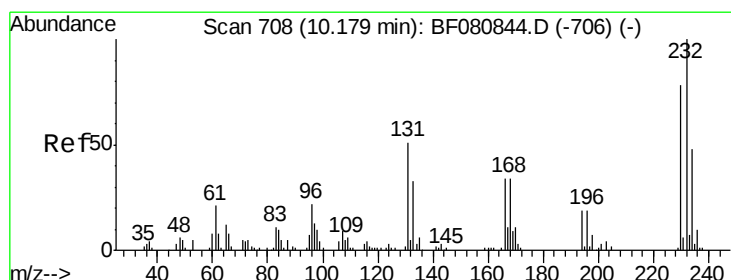
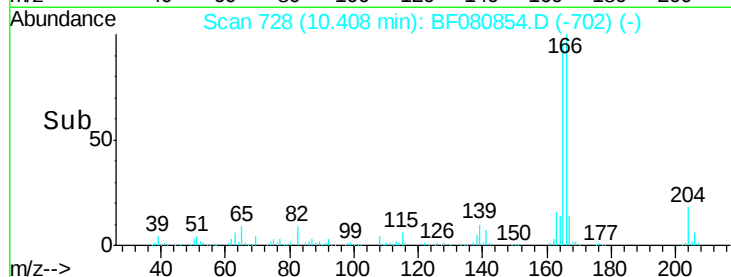
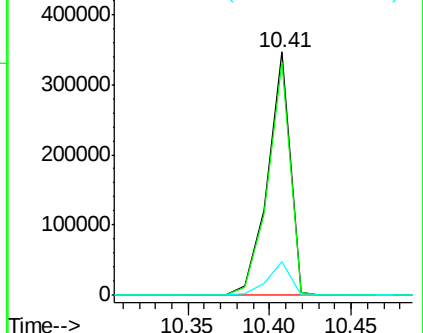
167 13.6 10.4 15.6



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: 25.83 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Tgt Ion:232 Resp: 79323

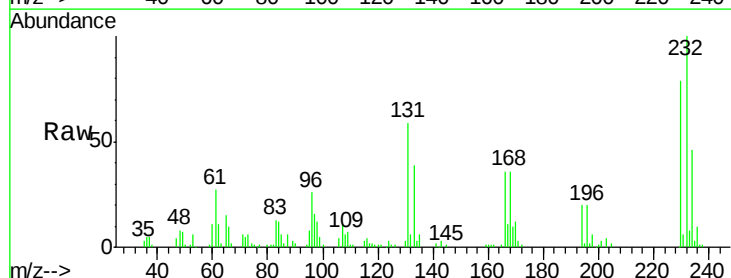
Ion Ratio Lower Upper

232 100

131 55.3 43.7 65.5

130 2.3 1.9 2.9

166 32.9 26.9 40.3

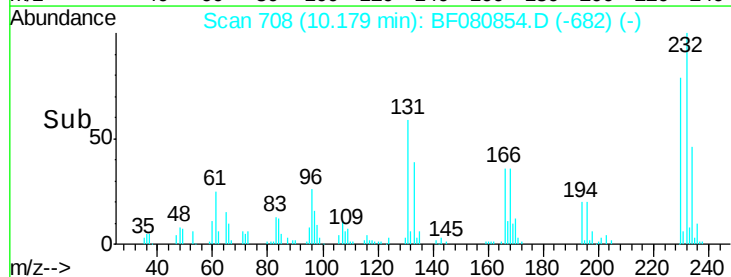
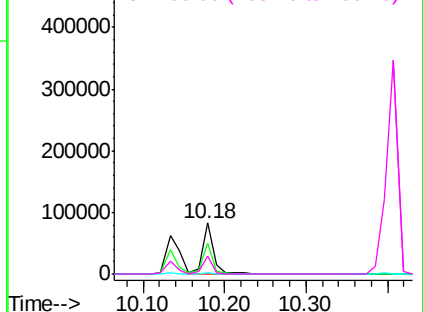


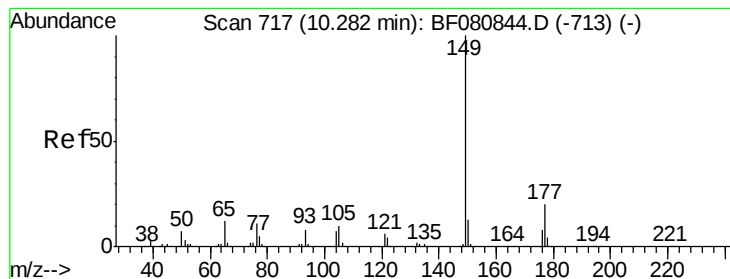
Abundance Ion 232.00 (231.70 to 232.70): E

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: 24.23 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

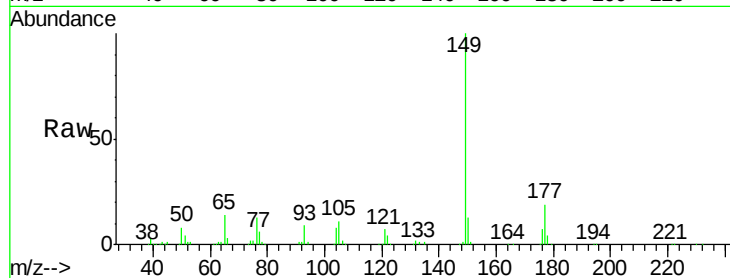
Tot Ion:149 Resp: 322593

Ion Ratio Lower Upper

149 100

177 18.7 15.8 23.8

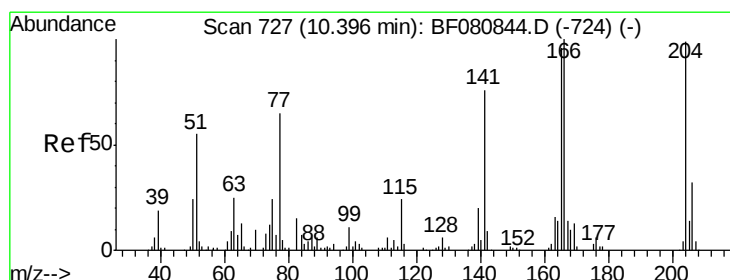
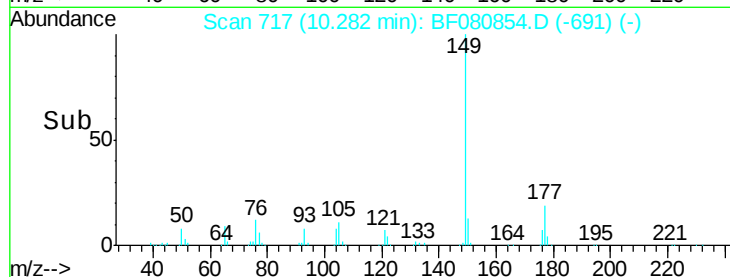
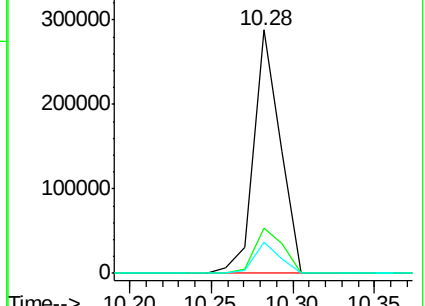
150 12.6 10.2 15.2



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: 23.93 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

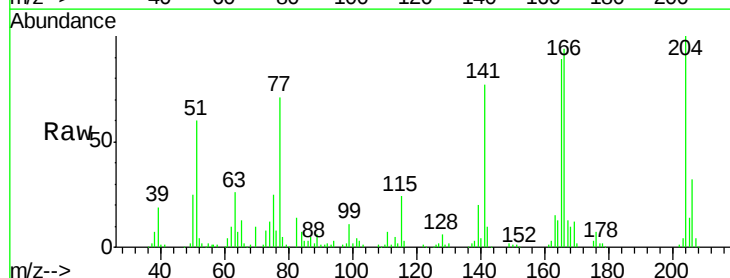
Tgt Ion:204 Resp: 135897

Ion Ratio Lower Upper

204 100

206 31.9 25.8 38.8

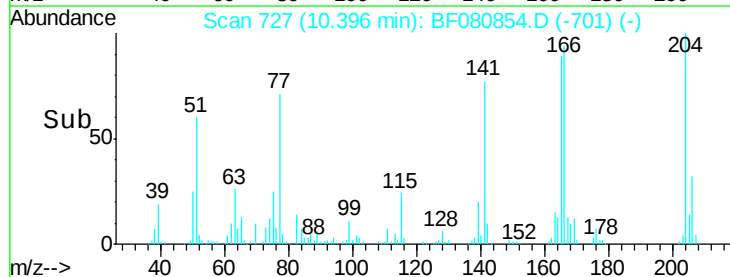
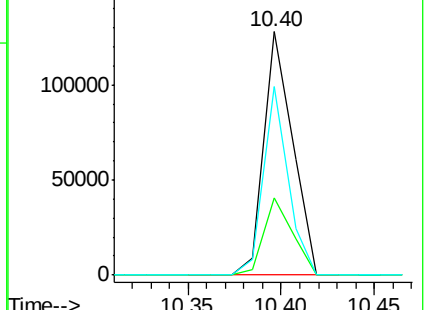
141 77.5 61.4 92.2

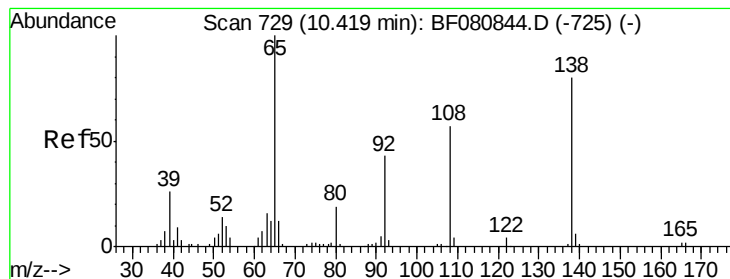


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 21.36 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

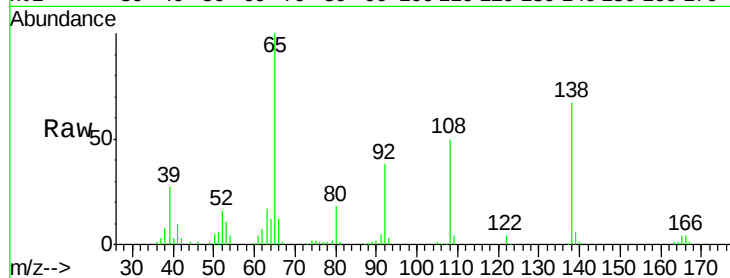
Tot Ion:138 Resp: 66224

Ion Ratio Lower Upper

138 100

92 57.5 33.5 73.5

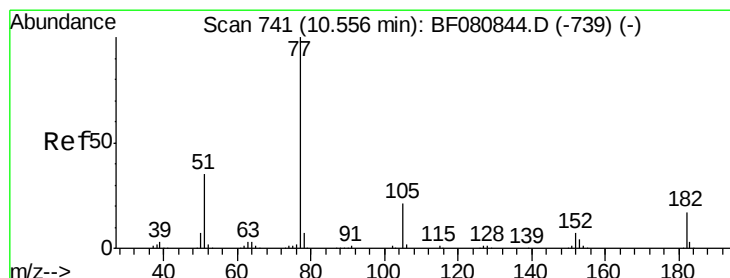
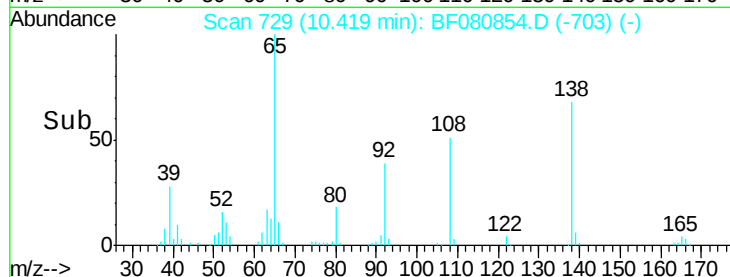
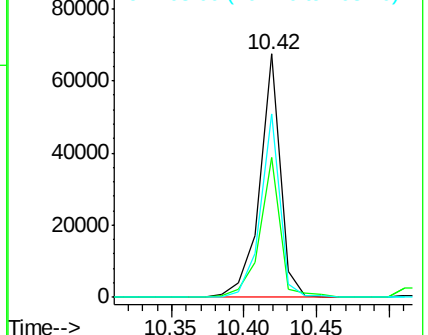
108 75.4 52.3 92.3



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: 25.04 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Tgt Ion: 77 Resp: 390050

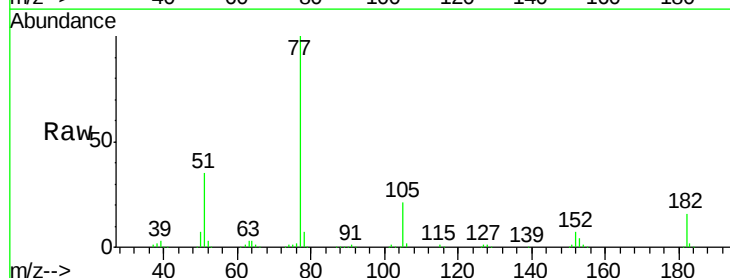
Ion Ratio Lower Upper

77 100

182 15.7 0.0 37.0

105 20.9 1.3 41.3

51 35.1 14.6 54.6

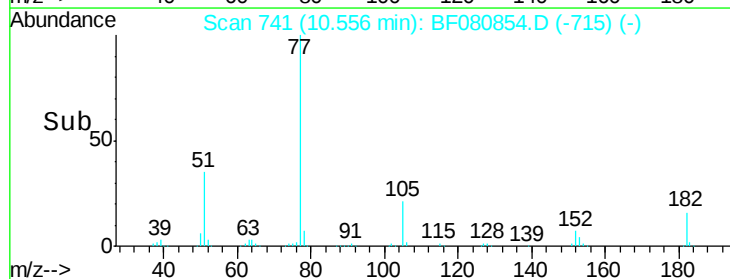
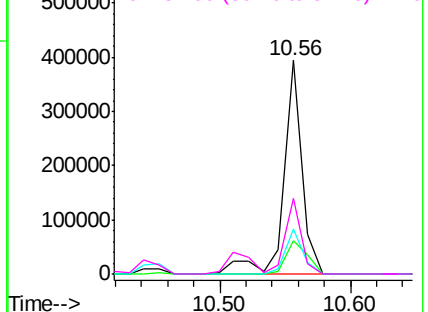


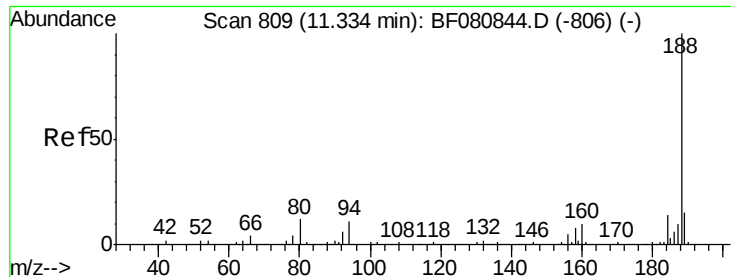
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

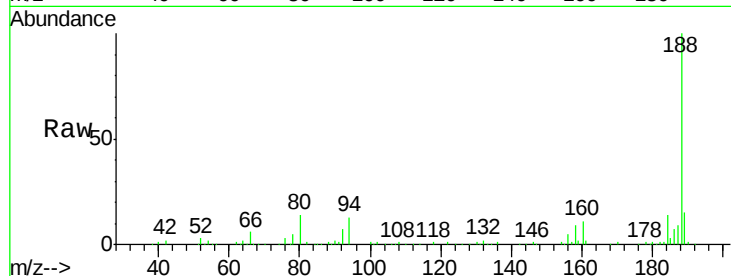




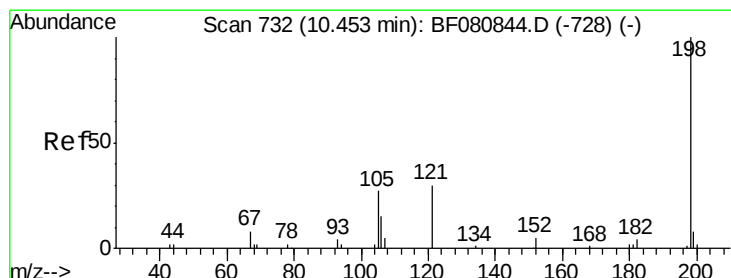
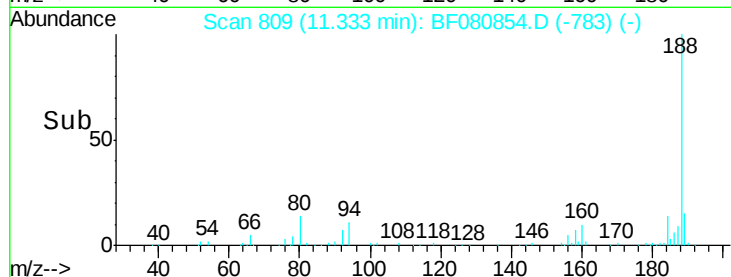
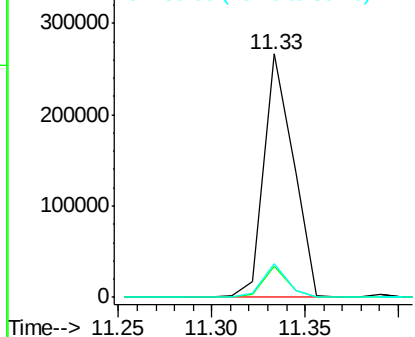
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tot Ion:188 Resp: 289648
Ion Ratio Lower Upper
188 100
94 13.0 8.6 12.8#
80 14.0 9.3 13.9#

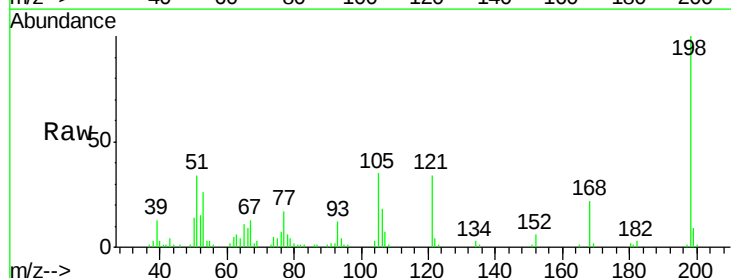


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

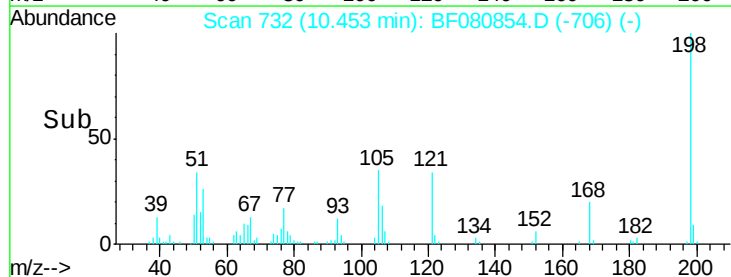
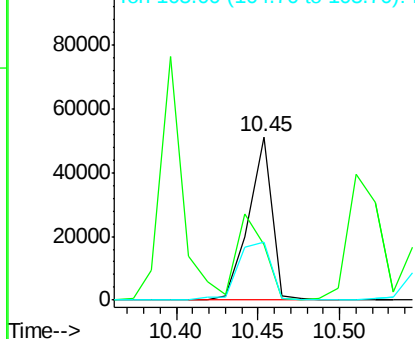


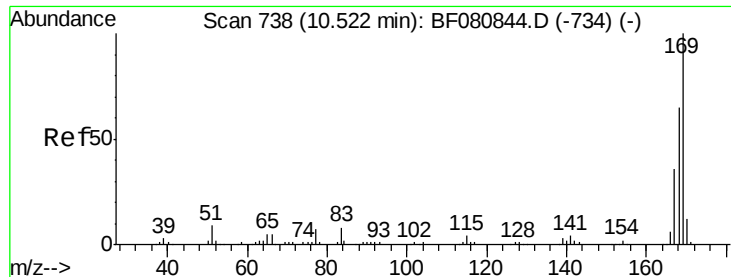
#64
4,6-Dinitro-2-methylphenol
Concen: 27.25 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Tgt Ion:198 Resp: 50767
Ion Ratio Lower Upper
198 100
51 33.9 4.7 44.7
105 35.4 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

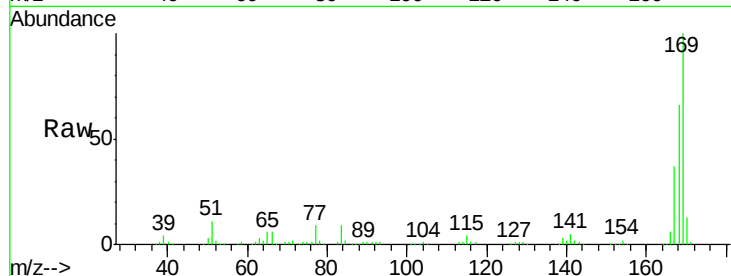




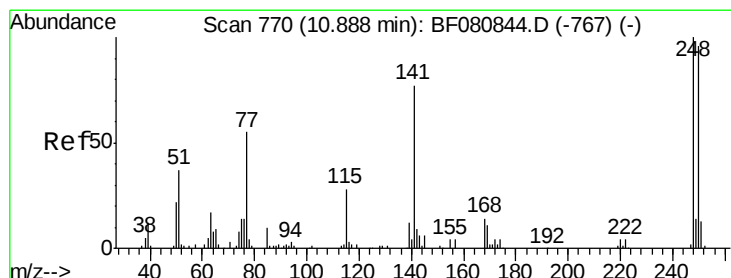
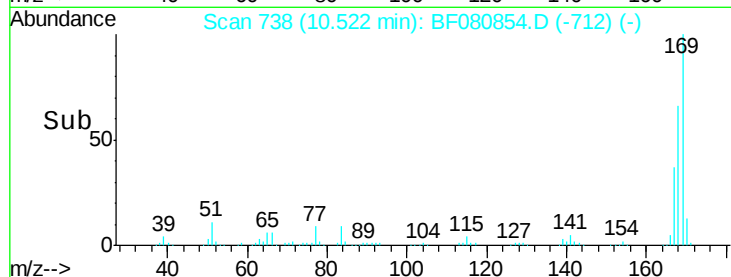
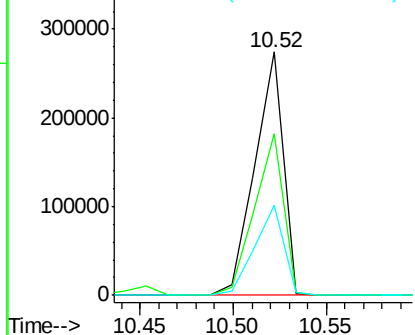
#65
 n-Nitrosodiphenylamine
 Concen: 26.09 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tot Ion:169 Resp: 289491
 Ion Ratio Lower Upper
 169 100
 168 66.4 52.2 78.4
 167 36.9 29.2 43.8

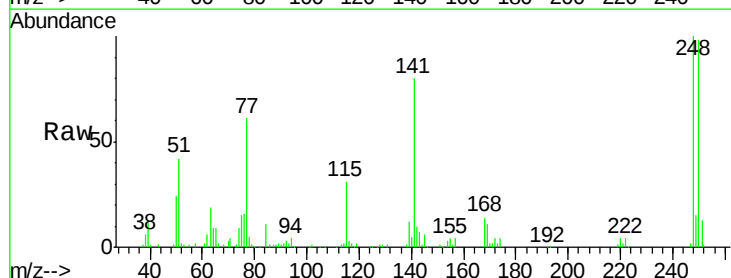


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

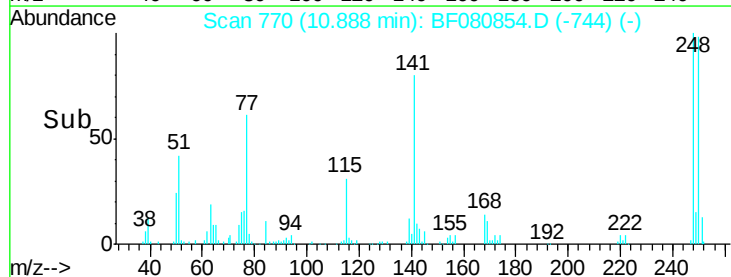
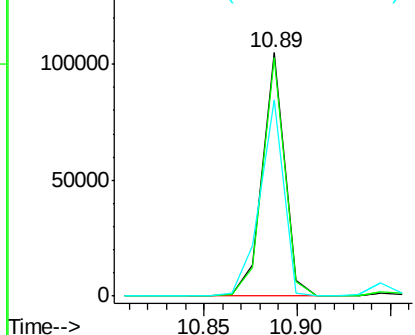


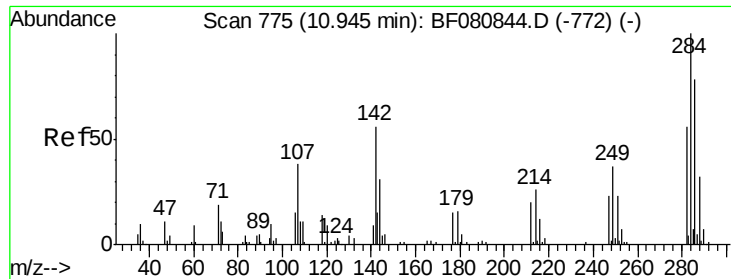
#66
 4-Bromophenyl-phenylether
 Concen: 26.98 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

Tgt Ion:248 Resp: 86477
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.2 115.8
 141 80.4 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

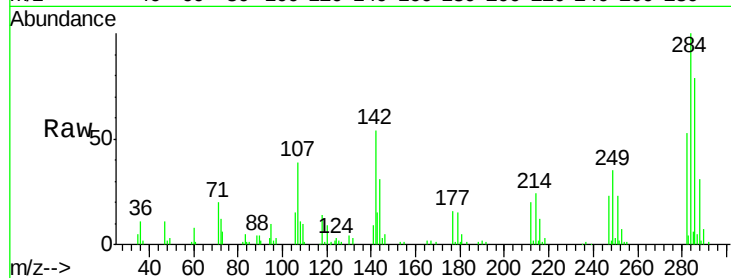




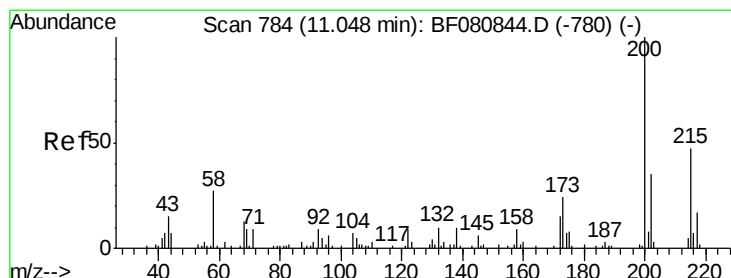
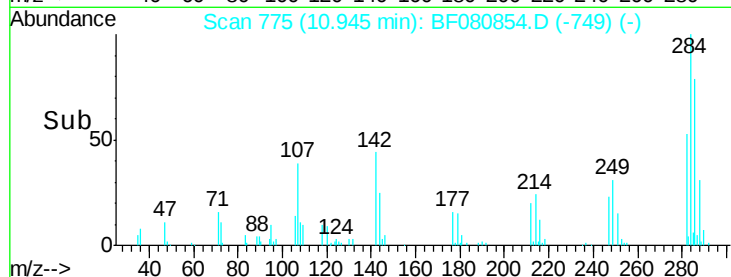
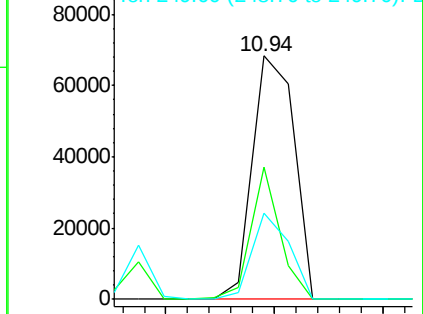
#67
Hexachlorobenzene
Concen: 26.10 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	54.2	44.4	66.6
249	35.4	29.3	43.9

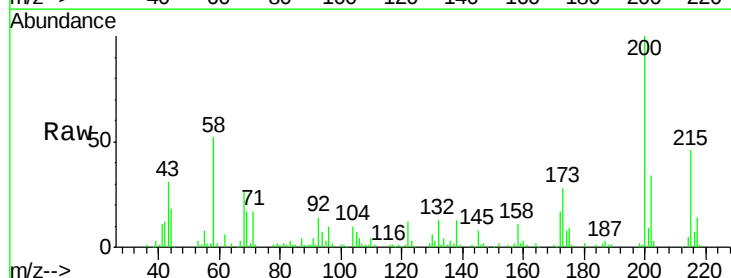


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

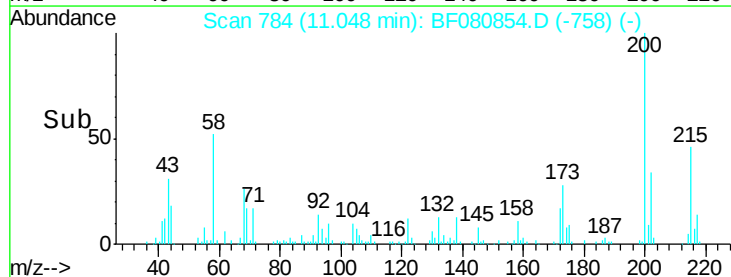
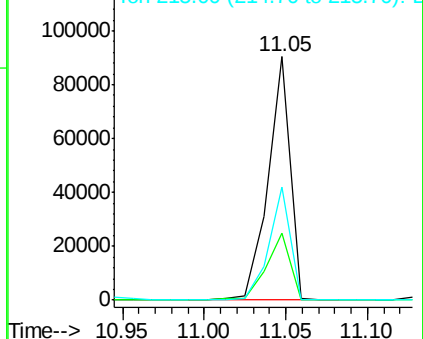


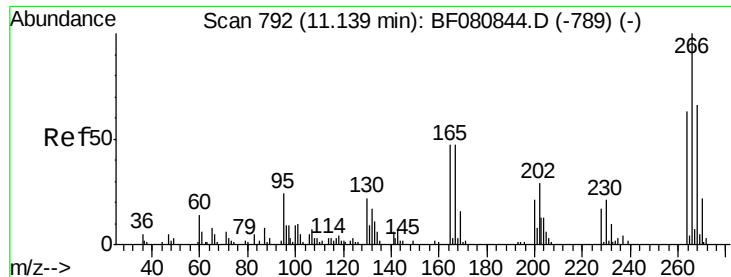
#68
Atrazine
Concen: 29.44 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.7	4.8	44.8
215	46.2	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

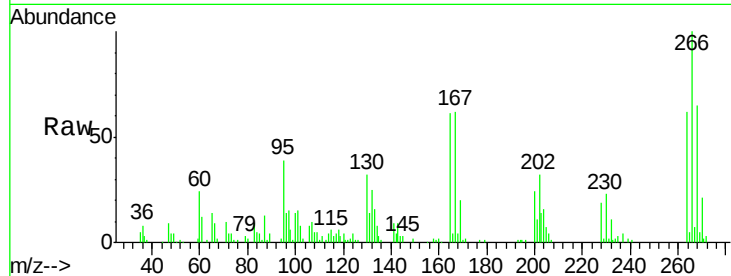




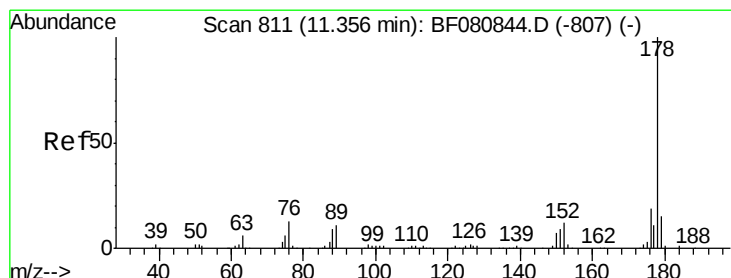
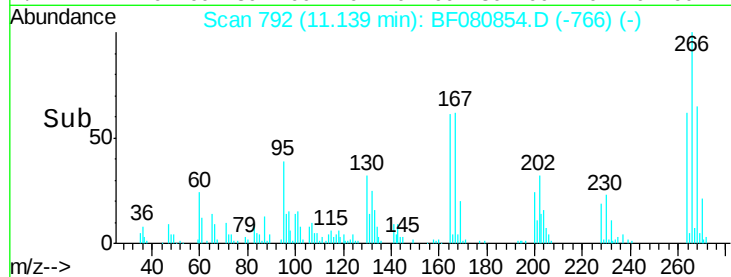
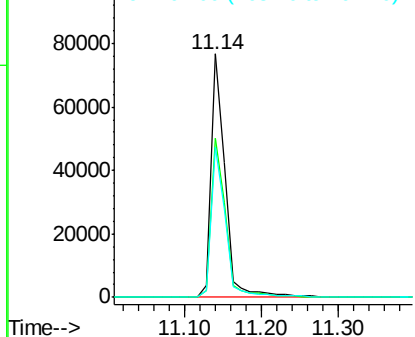
#69
 Pentachlorophenol
 Concen: 50.24 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tot Ion:266 Resp: 95854
 Ion Ratio Lower Upper
 266 100
 268 65.5 52.6 78.8
 264 61.5 50.7 76.1

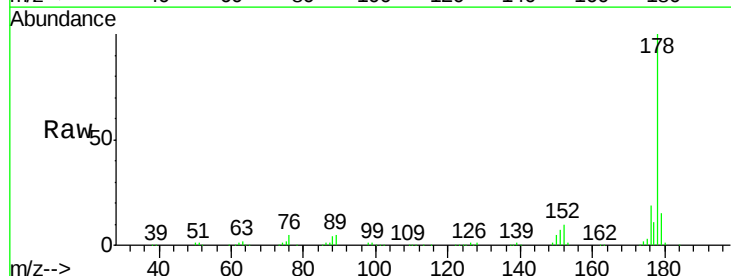


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

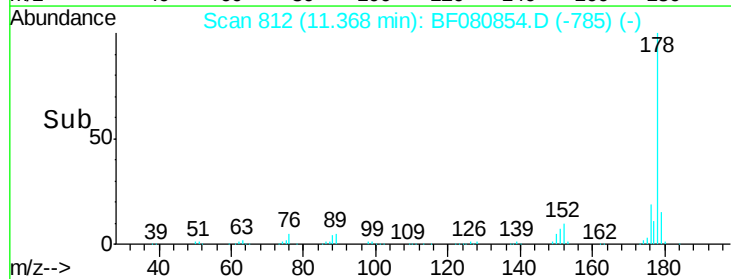
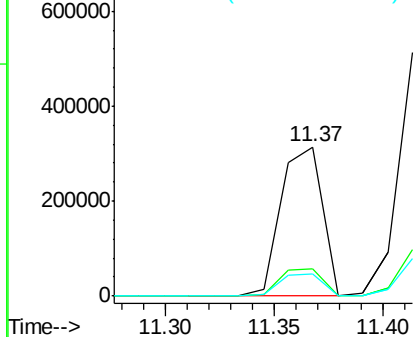


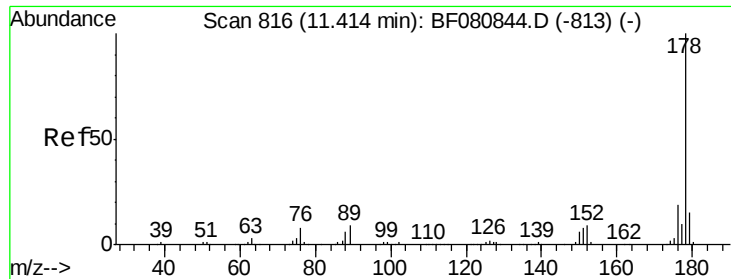
#70
 Phenanthrene
 Concen: 25.10 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

Tgt Ion:178 Resp: 420077
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.3 22.9
 179 15.0 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

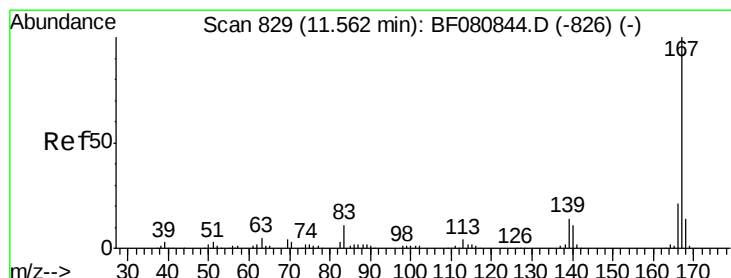
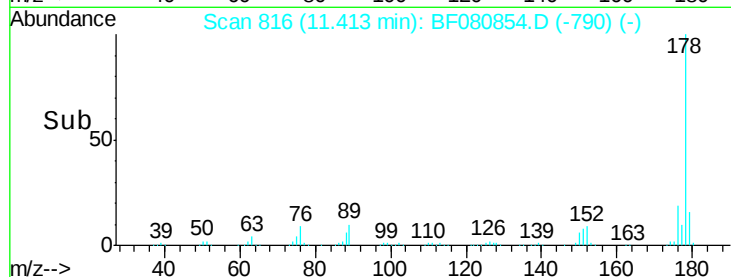
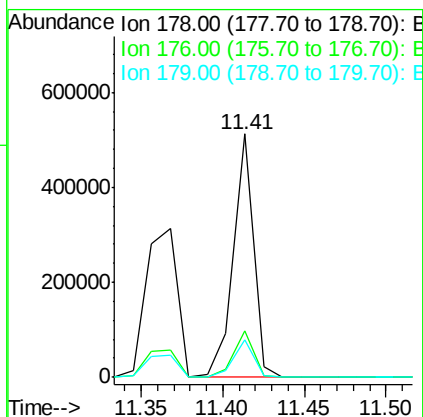
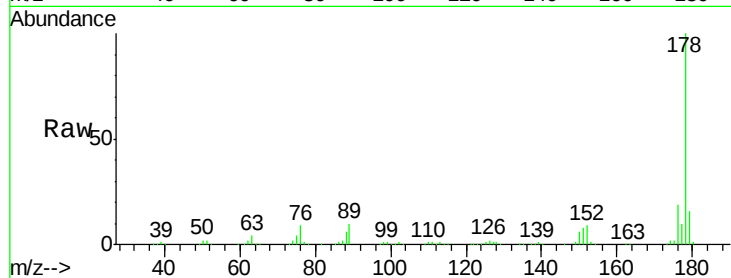




#71
 Anthracene
 Concen: 26.68 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

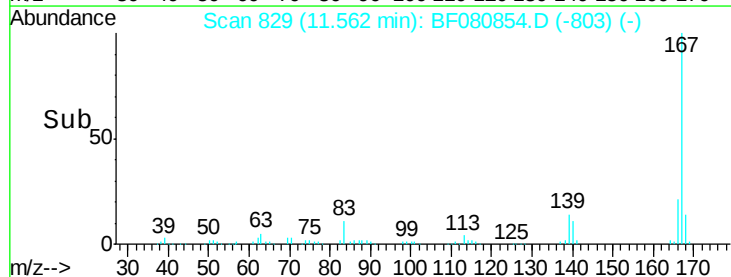
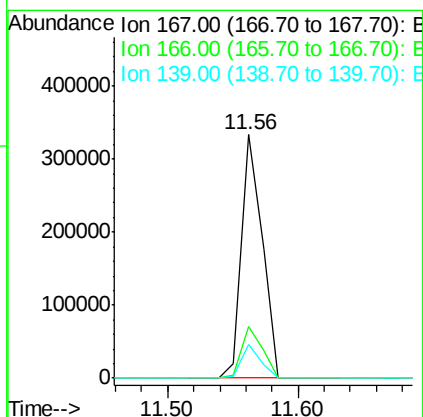
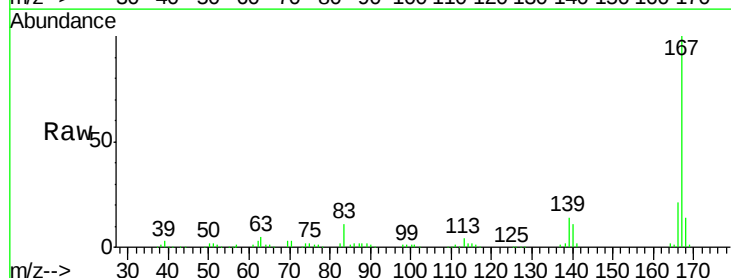
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

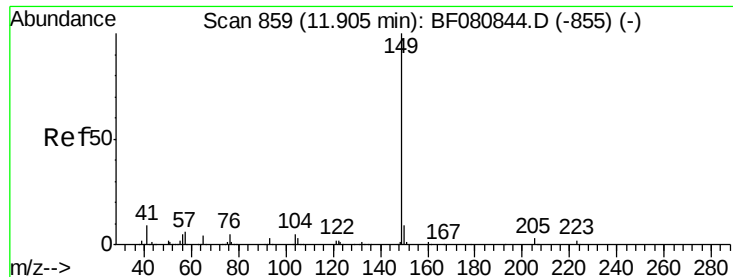
Tot Ion:178 Resp: 433840
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 12.2 18.4



#72
 Carbazole
 Concen: 23.76 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

Tgt Ion:167 Resp: 364516
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.6 25.0
 139 13.9 11.3 16.9





#73

Di-n-butylphthalate

Concen: 27.01 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

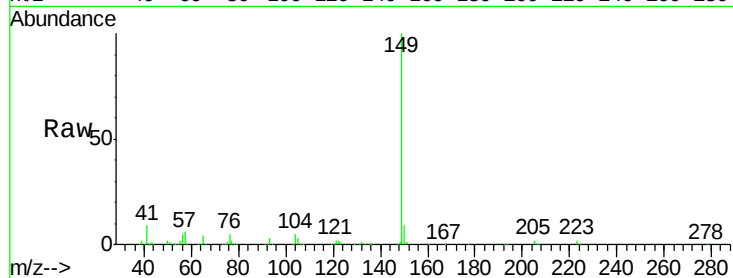
Tot Ion:149 Resp: 490508

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

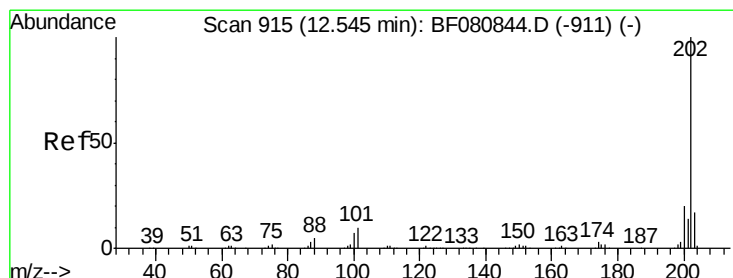
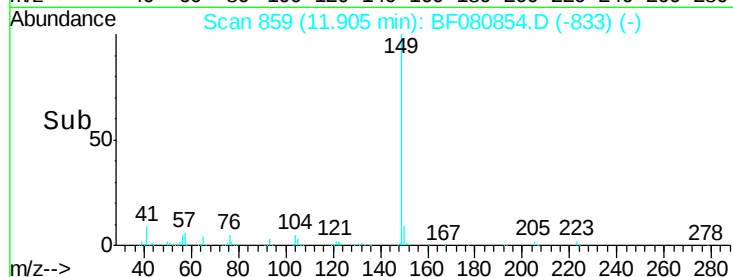
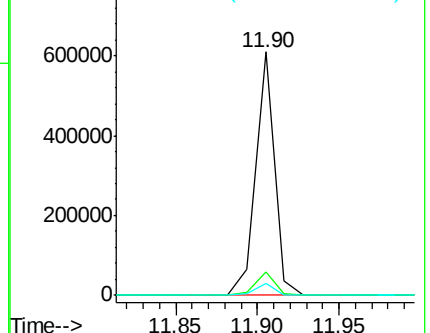
104 5.0 3.9 5.9



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: 25.03 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

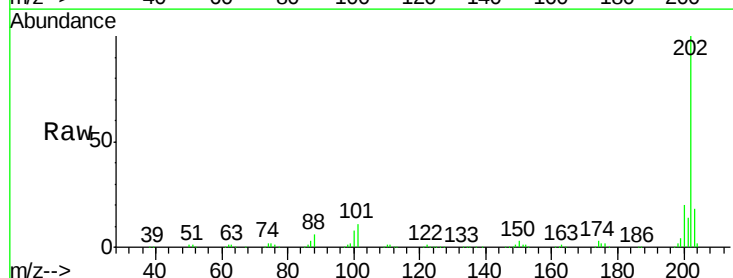
Tgt Ion:202 Resp: 408038

Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.9

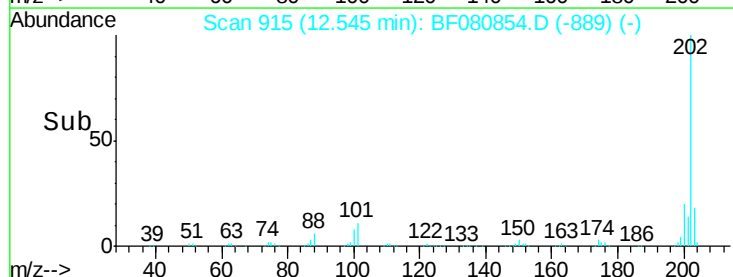
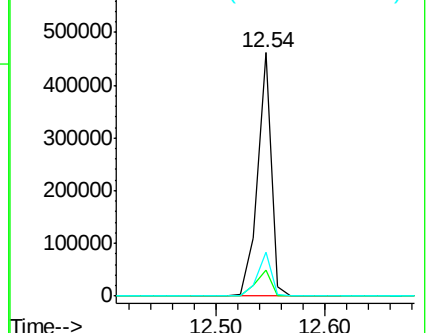
203 18.0 0.0 37.4

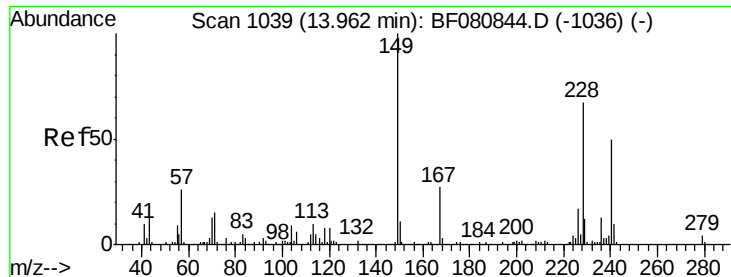


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

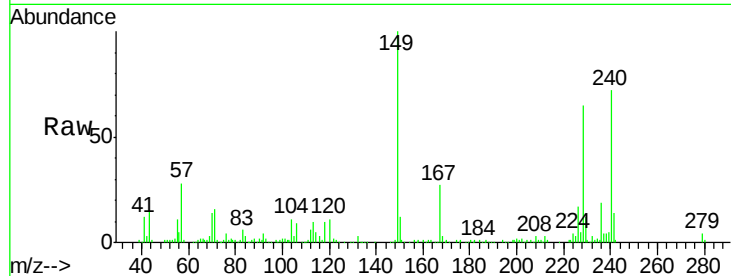
Tot Ion:240 Resp: 157868

Ion Ratio Lower Upper

240 100

120 15.5 13.0 19.6

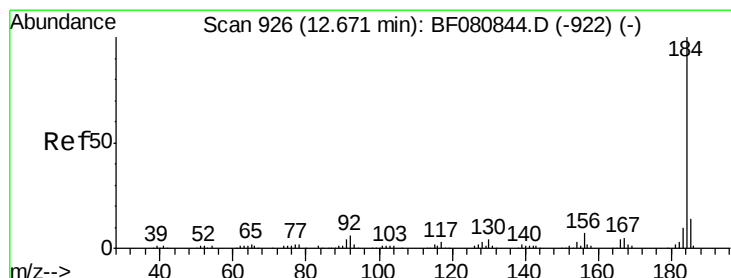
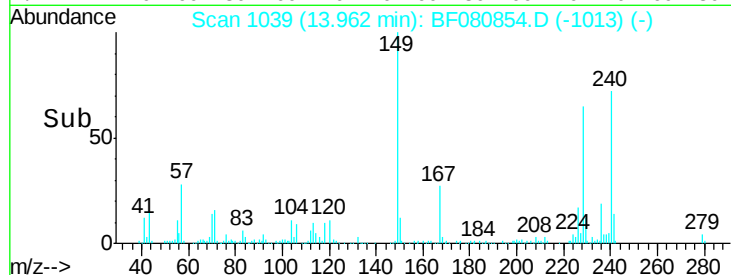
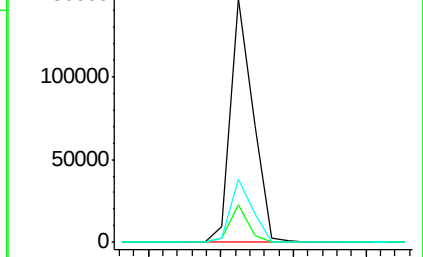
236 26.1 20.7 31.1



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



#76

Benzidine

Concen: 16.55 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

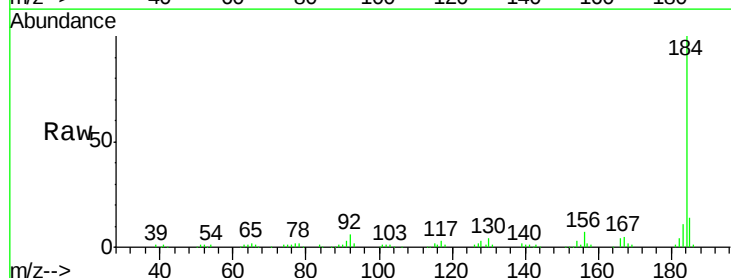
Tgt Ion:184 Resp: 126455

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

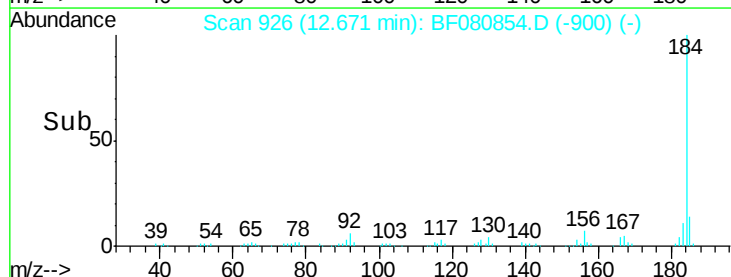
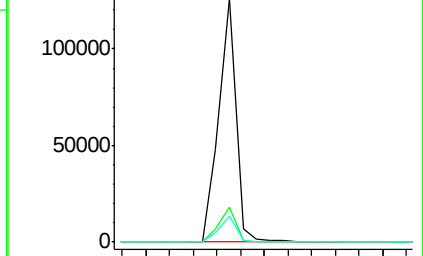
183 10.6 8.4 12.6

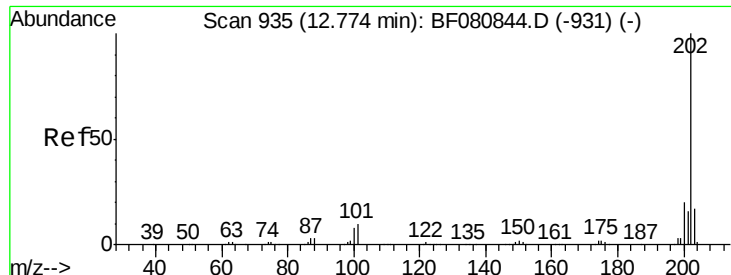


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

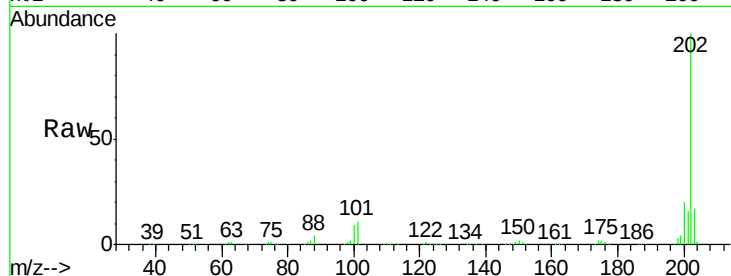




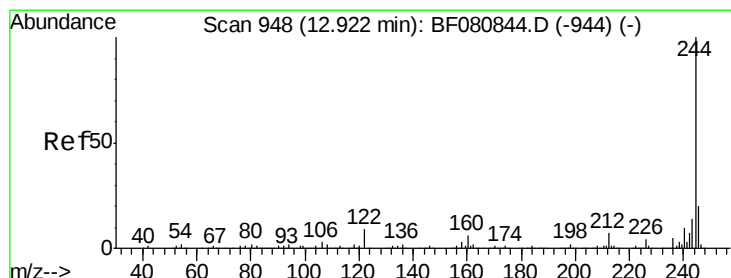
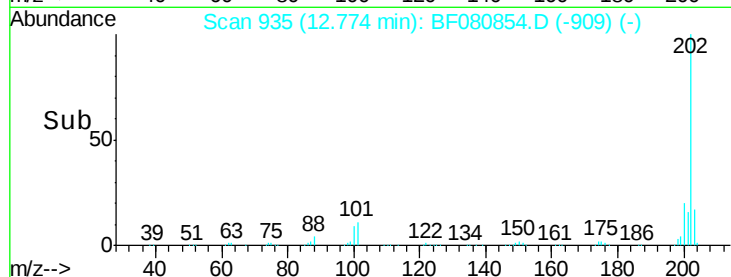
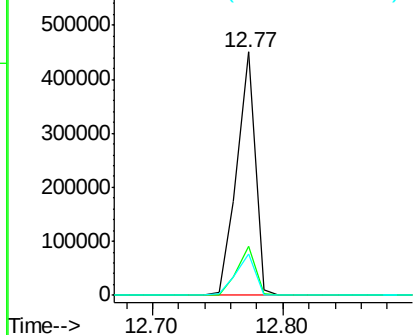
#77
 Pvrene
 Concen: 31.10 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.2	13.6	20.4

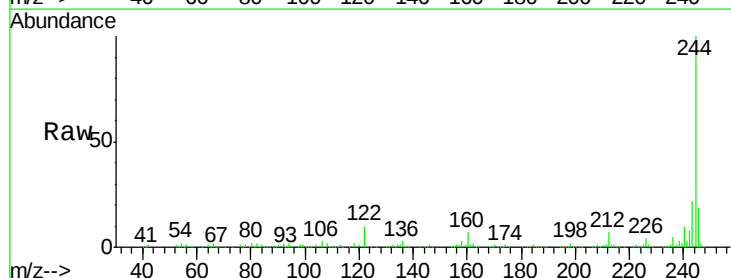


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

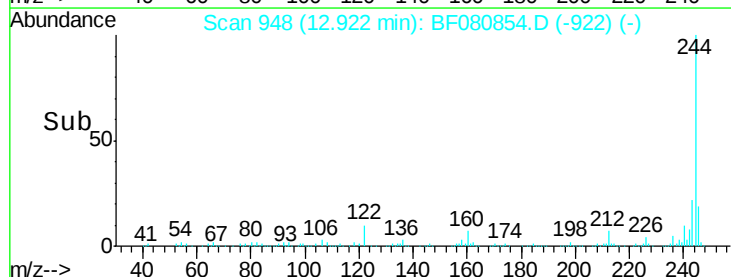
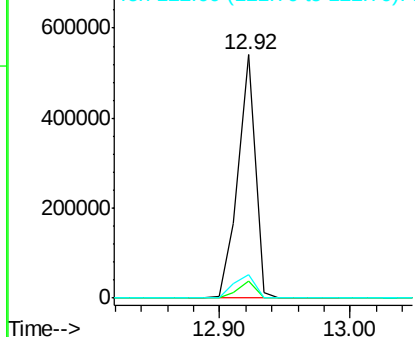


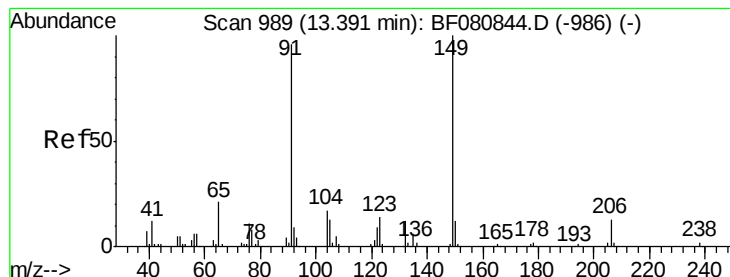
#78
 Terphenyl-d14
 Concen: 56.87 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	9.6	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: 29.66 ng

RT: 13.40 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

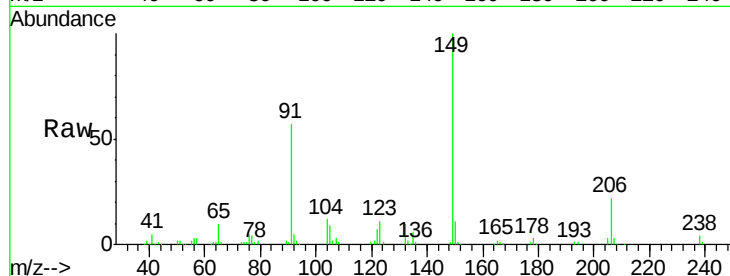
Tot Ion:149 Resp: 171818

Ion Ratio Lower Upper

149 100

91 56.9 76.4 114.6#

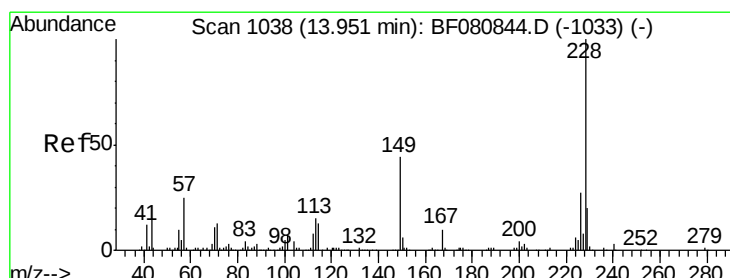
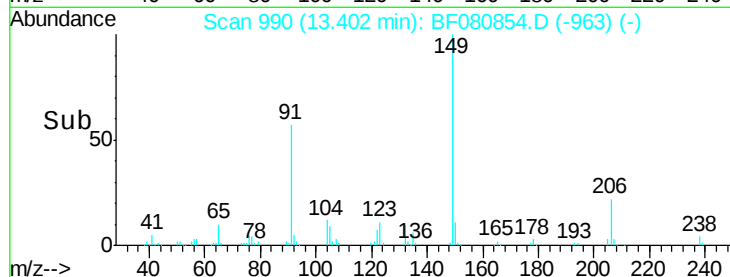
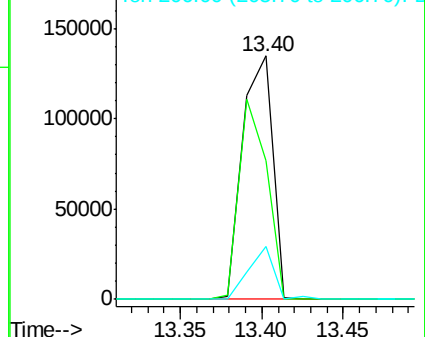
206 21.7 10.7 16.1#



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: 27.24 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

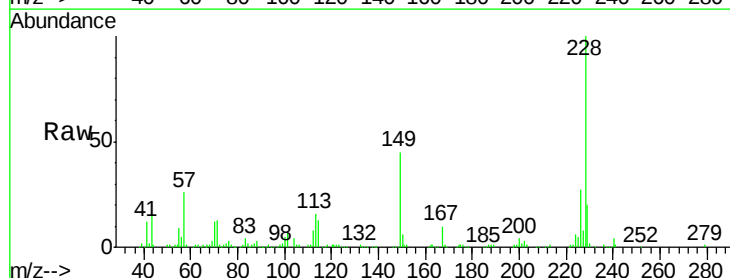
Tgt Ion:228 Resp: 287613

Ion Ratio Lower Upper

228 100

226 27.2 21.5 32.3

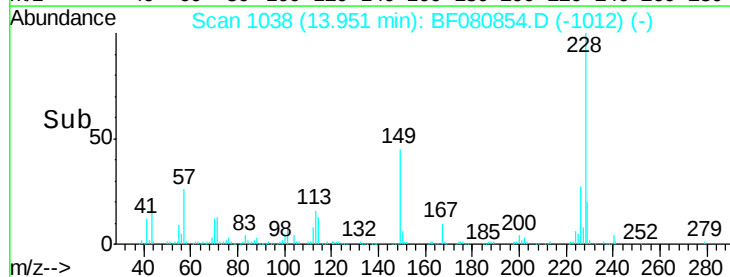
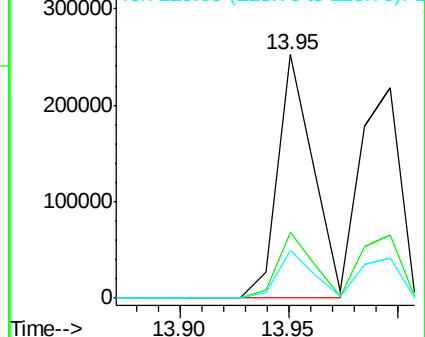
229 19.8 16.2 24.2

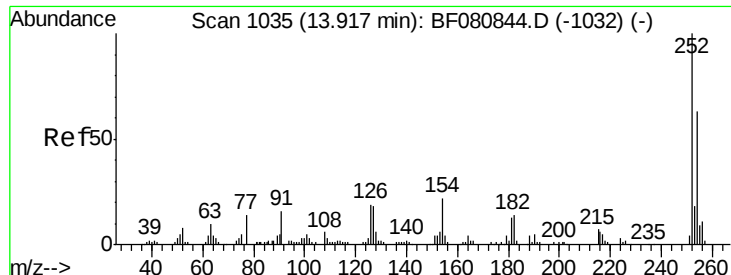


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

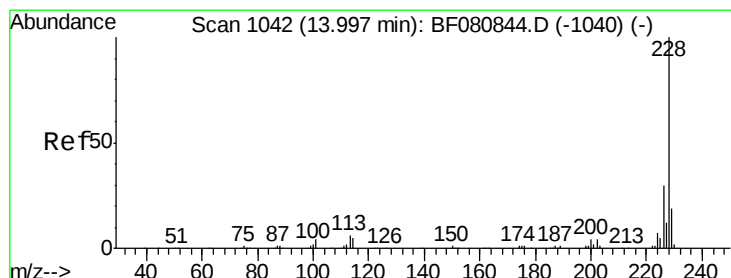
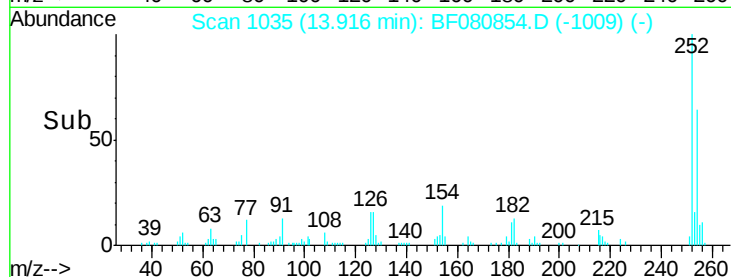
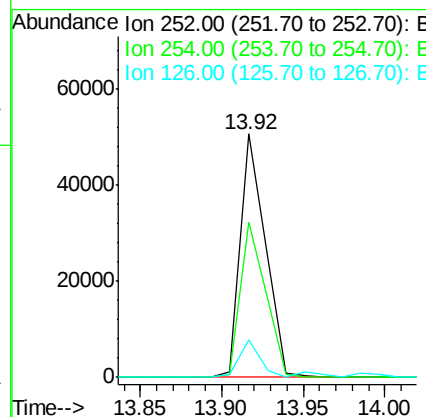
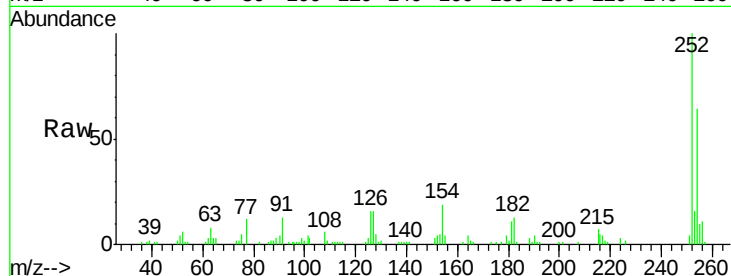




#81
 3,3'-Dichlorobenzidine
 Concen: 13.53 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

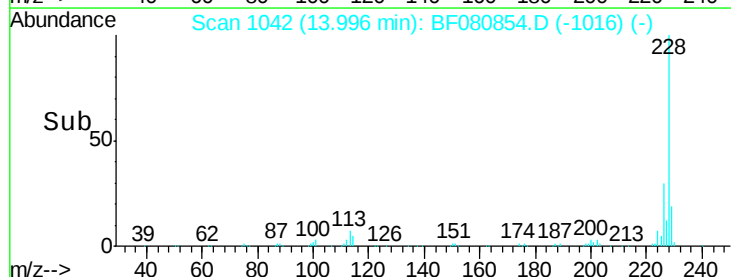
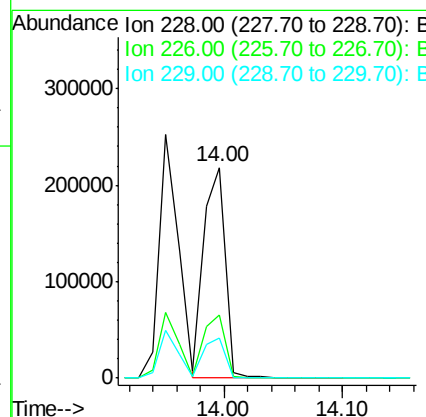
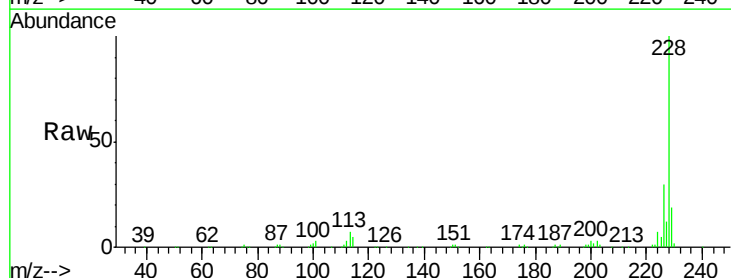
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

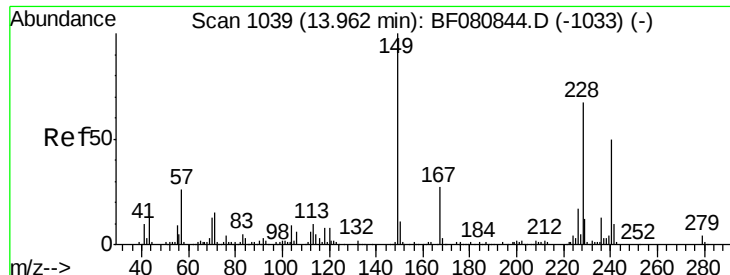
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.3	75.5
126	15.7	15.1	22.7



#82
 Chrysene
 Concen: 25.94 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.6	35.4
229	19.3	15.1	22.7

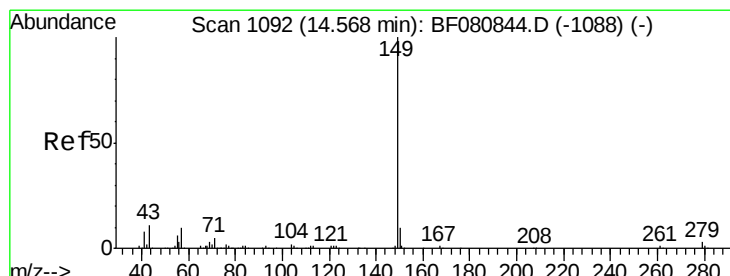
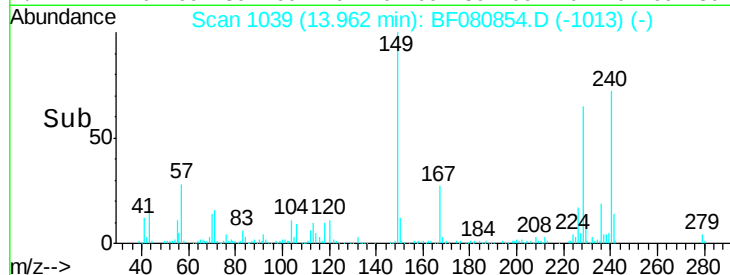
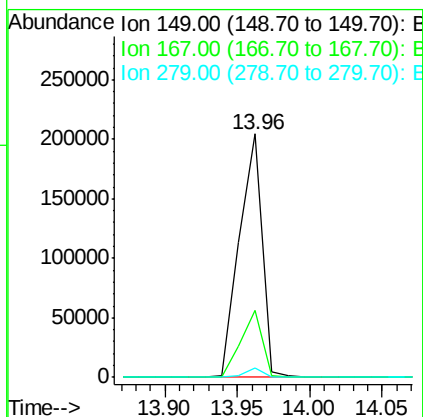
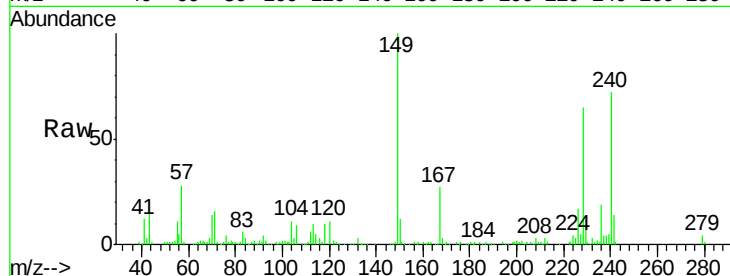




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.85 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

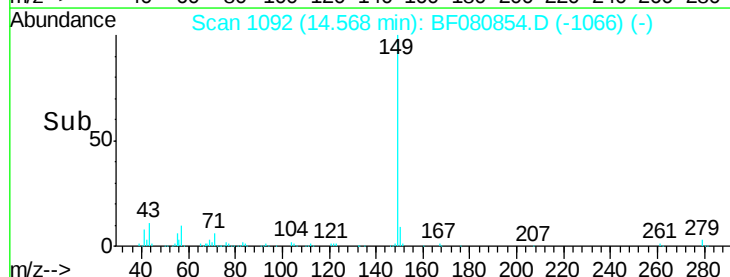
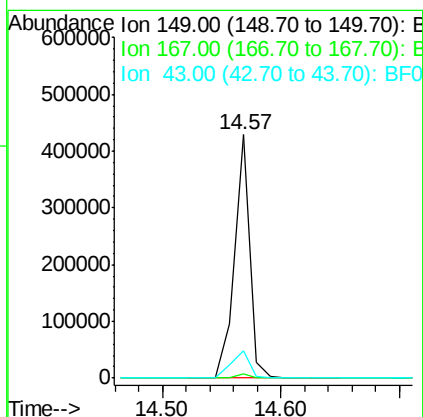
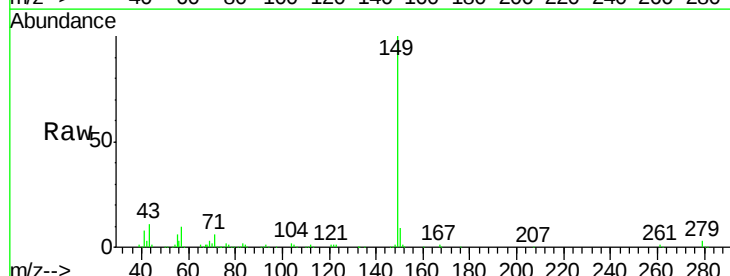
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

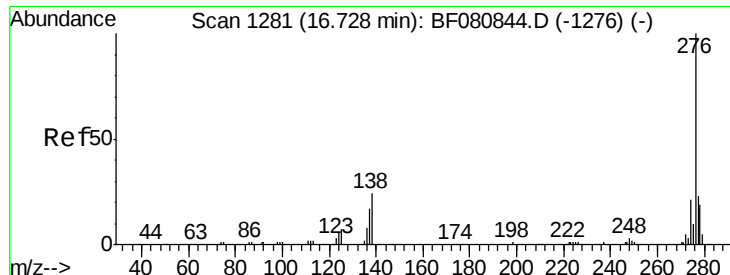
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	3.7	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 29.34 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.3	10.3	15.5

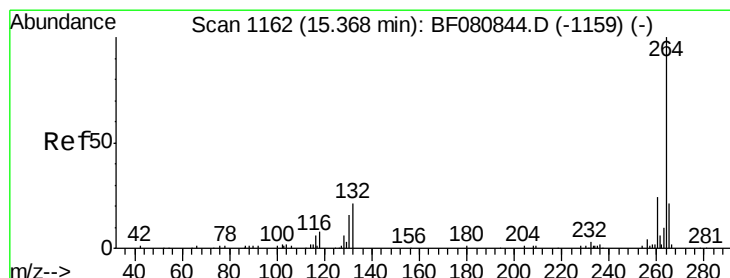
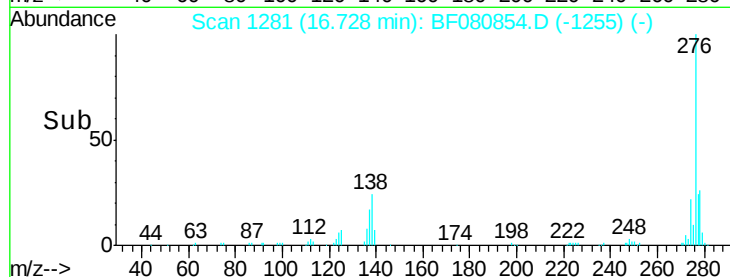
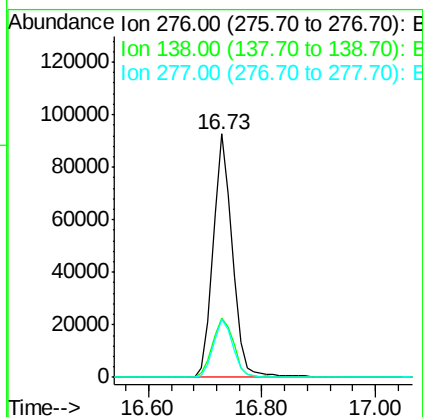
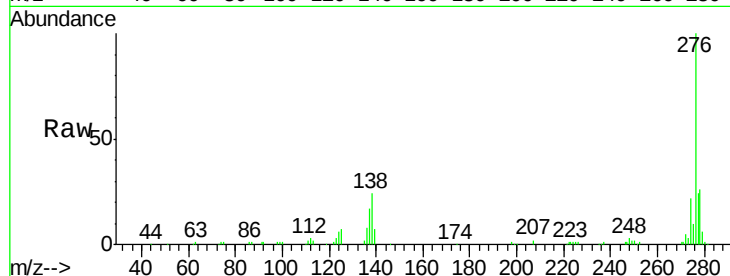




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 24.36 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

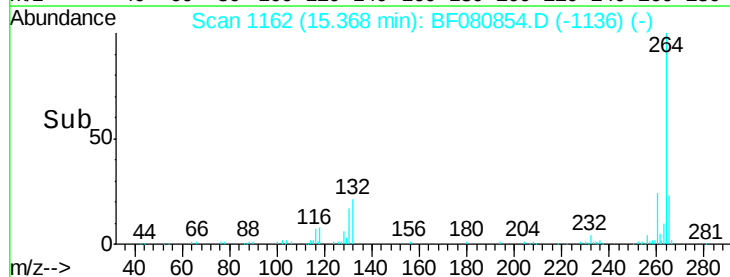
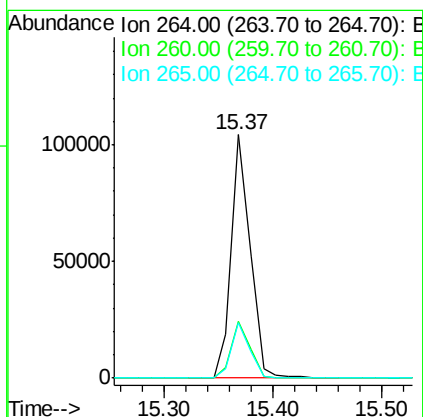
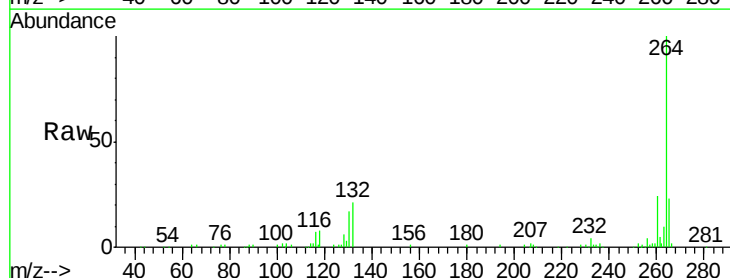
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

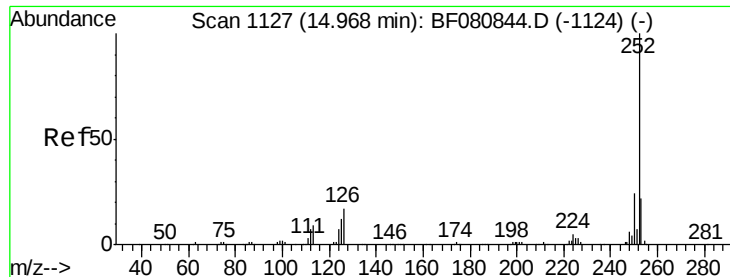
Tot Ion:276 Resp: 215234
 Ion Ratio Lower Upper
 276 100
 138 27.1 21.6 32.4
 277 24.5 19.6 29.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF080854.D
 Acq: 4 Aug 2015 23:25

Tgt Ion:264 Resp: 125140
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.5 16.8 25.2

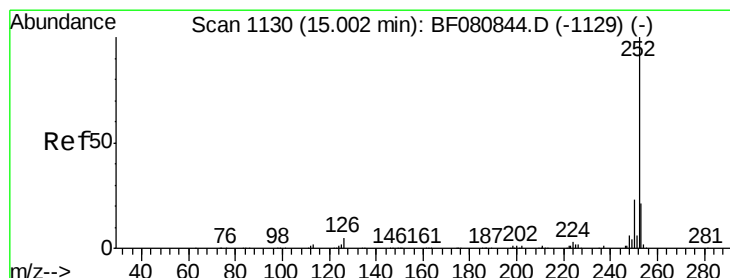
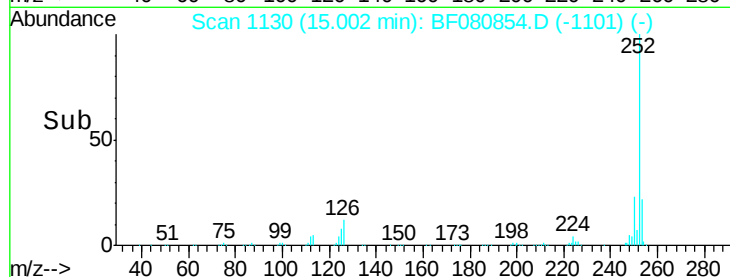
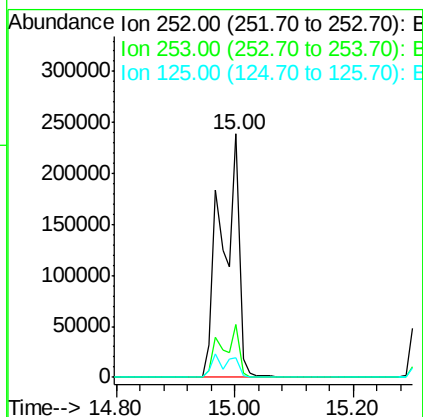
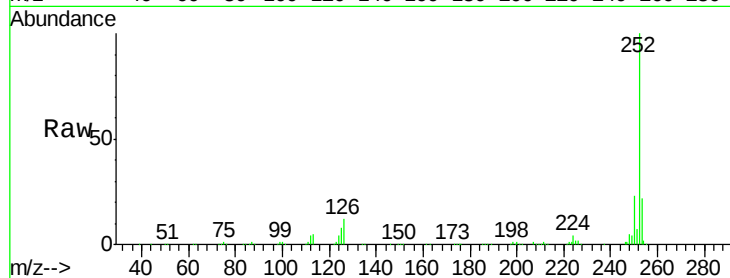




#87
Benzo(b)fluoranthene
Concen: 52.69 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.03 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

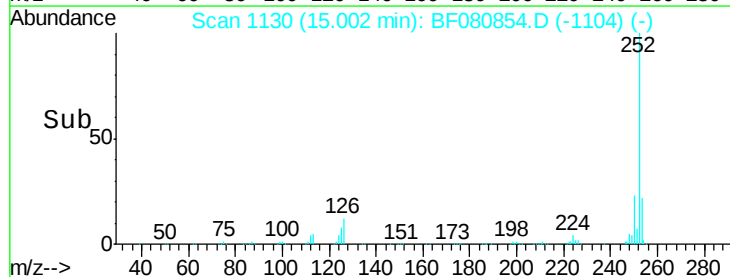
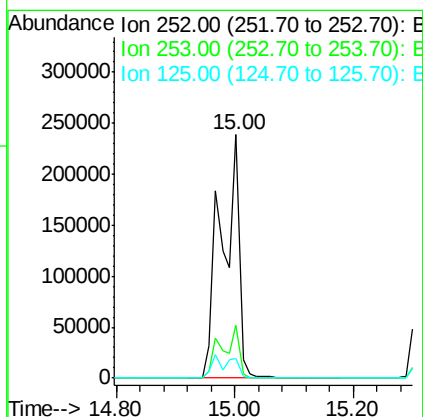
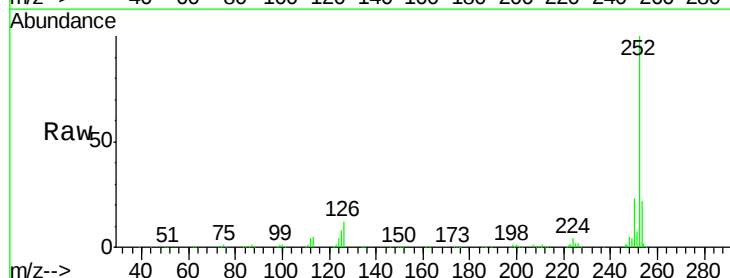
Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tot Ion:252 Resp: 493188
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.1 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 68.45 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF080854.D
Acq: 4 Aug 2015 23:25

Tgt Ion:252 Resp: 493188
Ion Ratio Lower Upper
252 100
253 21.9 16.9 25.3
125 8.1 7.0 10.6





#89

Benzo(a)pyrene

Concen: 29.45 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

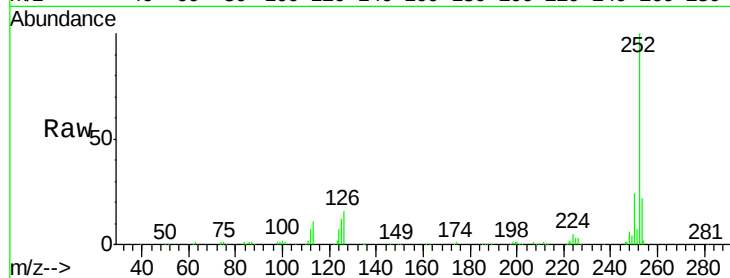
Tot Ion:252 Resp: 224991

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

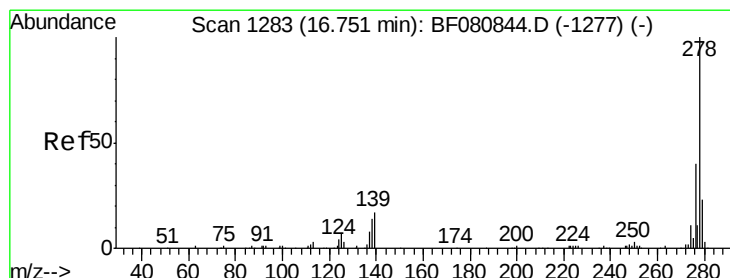
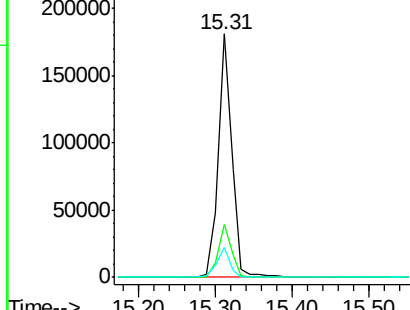
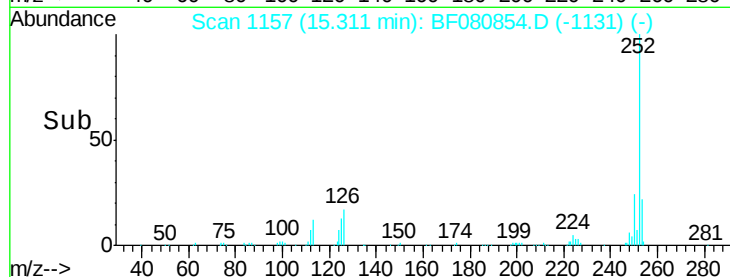
125 12.3 10.6 16.0



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: 27.03 ng

RT: 16.75 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

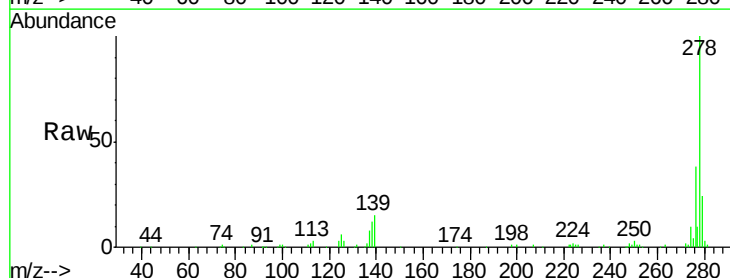
Tgt Ion:278 Resp: 179391

Ion Ratio Lower Upper

278 100

139 15.0 13.4 20.0

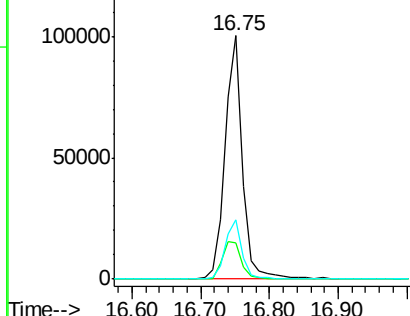
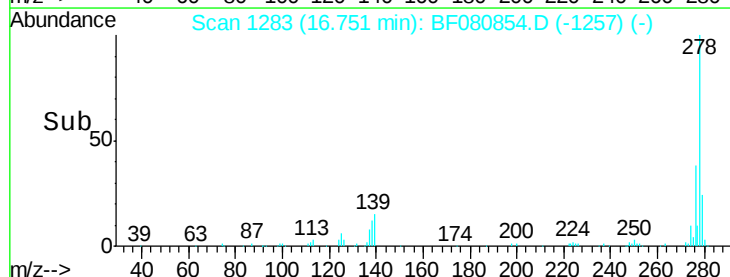
279 24.4 18.4 27.6

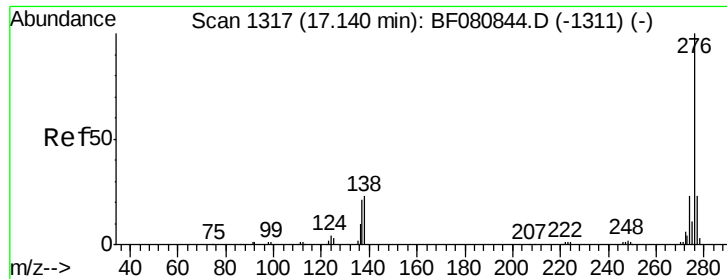


Abundance Ion 278.00 (277.70 to 278.70): E

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: 27.57 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF080854.D

Acq: 4 Aug 2015 23:25

Instrument :

BNA_F

ClientSampleId :

PB84838BS

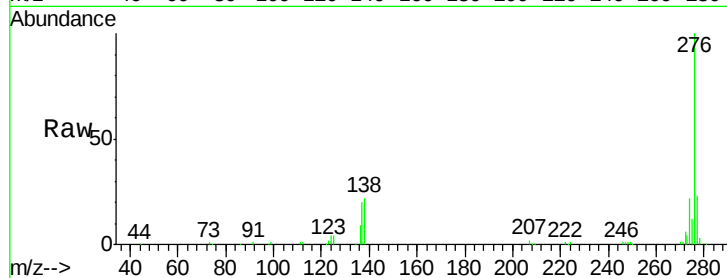
Tot Ion:276 Resp: 176890

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 22.4 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

