

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080858.D
 Acq On : 5 Aug 2015 1:28
 Operator : TP/UM
 Sample : PB84659BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Quant Time: Aug 05 03:03:05 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	86537	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	339425	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	145341	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	241275	20.00	ng	0.00
75) Chrysene-d12	13.96	240	133133	20.00	ng	0.00
86) Perylene-d12	15.37	264	108245	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	546466	95.58	ng	0.01
7) Phenol-d6	6.46	99	733229	98.10	ng	0.01
23) Nitrobenzene-d5	7.39	82	465634	64.65	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	132992	94.89	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	675451	62.58	ng	0.00
78) Terphenyl-d14	12.92	244	543489	73.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	79676	28.43	ng	98
3) Pyridine	3.26	79	201649	26.10	ng	97
4) n-Nitrosodimethylamine	3.22	42	127533	32.18	ng	100
6) Aniline	6.49	93	225227	20.71	ng	99
8) 2-Chlorophenol	6.61	128	221181	34.53	ng	92
9) Benzaldehyde	6.37	77	15665	3.00	ng	93
10) Phenol	6.48	94	319598	35.94	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	238881	35.97	ng	95
12) 1,3-Dichlorobenzene	6.76	146	208566	30.39	ng	100
13) 1,4-Dichlorobenzene	6.84	146	215184	31.24	ng	98
14) 1,2-Dichlorobenzene	7.00	146	201791	31.04	ng	99
15) Benzyl Alcohol	6.97	79	175546	35.96	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	449670	34.99	ng	99
17) 2-Methylphenol	7.08	107	180241	32.13	ng	97
18) Hexachloroethane	7.33	117	86993	33.23	ng	# 78
19) n-Nitroso-di-n-propylamine	7.24	70	155091	32.12	ng	99
20) 3+4-Methylphenols	7.24	107	221164	34.00	ng	# 84
22) Acetophenone	7.24	105	296786	35.80	ng	# 92
24) Nitrobenzene	7.41	77	255545	34.21	ng	98
25) Isophorone	7.65	82	450201	35.28	ng	98
26) 2-Nitrophenol	7.72	139	100871	32.92	ng	100
27) 2,4-Dimethylphenol	7.77	122	221514	38.82	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	258706	32.96	ng	99
29) 2,4-Dichlorophenol	7.96	162	158860	33.73	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	179809	33.55	ng	99
31) Naphthalene	8.13	128	627649	33.95	ng	100
32) Benzoic acid	7.88	122	130704	34.57	ng	99
33) 4-Chloroaniline	8.18	127	101396	14.02	ng	96
34) Hexachlorobutadiene	8.25	225	98485	32.23	ng	99
35) Caprolactam	8.54	113	34781	25.86	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	183751	35.56	ng	95
37) 2-Methylnaphthalene	8.82	142	373837	33.74	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	159914	32.24	ng	98
40) Hexachlorocyclopentadiene	8.98	237	210540	70.69	ng	99

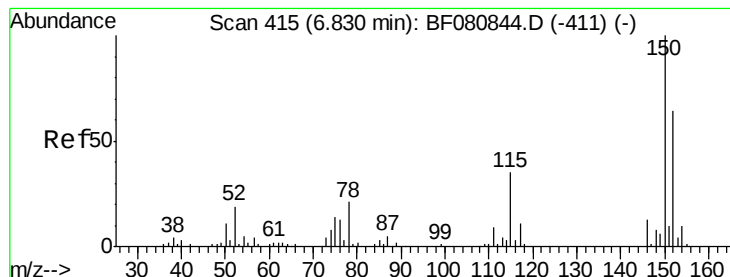
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	108543	32.29	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	107584	31.91	nq	# 89
45) 1,1'-Biphenyl	9.29	154	464272	34.65	nq	98
46) 2-Chloronaphthalene	9.31	162	344558	33.06	nq	99
47) 2-Nitroaniline	9.40	65	136004	35.85	nq	94
48) Acenaphthylene	9.72	152	572307	33.38	nq	100
49) Dimethylphthalate	9.58	163	343917	32.45	nq	99
50) 2,6-Dinitrotoluene	9.64	165	73607	33.20	nq	89
51) Acenaphthene	9.89	154	387606	37.60	nq	98
52) 3-Nitroaniline	9.81	138	55579	20.30	nq	98
53) 2,4-Dinitrophenol	9.92	184	89550	61.45	nq	# 52
54) Dibenzofuran	10.06	168	478713	34.83	nq	97
55) 4-Nitrophenol	9.97	139	130979	67.99	nq	98
56) 2,4-Dinitrotoluene	10.04	165	95003	33.95	nq	# 86
57) Fluorene	10.41	166	366028	34.87	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	85326	35.26	nq	99
59) Diethylphthalate	10.28	149	370775	35.33	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	148331	34.07	nq	98
61) 4-Nitroaniline	10.42	138	70362	28.79	nq	93
62) Azobenzene	10.56	77	428710	34.93	nq	99
64) 4,6-Dinitro-2-methylphenol	10.45	198	60430	38.93	nq	71
65) n-Nitrosodiphenylamine	10.52	169	321187	34.75	nq	97
66) 4-Bromophenyl-phenylether	10.89	248	91937	34.43	nq	93
67) Hexachlorobenzene	10.96	284	102839	35.26	nq	# 61
68) Atrazine	11.05	200	83719	34.80	nq	95
69) Pentachlorophenol	11.14	266	106821	67.21	nq	99
70) Phenanthrene	11.37	178	465125	33.36	nq	99
71) Anthracene	11.41	178	448848	33.14	nq	99
72) Carbazole	11.56	167	392741	30.74	nq	99
73) Di-n-butylphthalate	11.91	149	531787	35.15	nq	100
74) Fluoranthene	12.55	202	451971	33.29	nq	99
76) Benzidine	12.67	184	117228	18.19	nq	100
77) Pyrene	12.77	202	478565	40.07	nq	99
79) Butylbenzylphthalate	13.40	149	197262	40.39	nq	# 63
80) Benzo(a)anthracene	13.95	228	305568	34.31	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	69156	20.90	nq	97
82) Chrysene	14.00	228	303134	33.40	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	249106	38.19	nq	100
84) Di-n-octyl phthalate	14.57	149	437186	39.88	nq	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	232721	31.23	nq	100
87) Benzo(b)fluoranthene	15.00	252	520977	64.34	nq	# 96
88) Benzo(k)fluoranthene	15.00	252	520977	83.59	nq	98
89) Benzo(a)pyrene	15.31	252	231420	35.02	nq	99
90) Dibenzo(a,h)anthracene	16.75	278	196074	34.15	nq	97
91) Benzo(g,h,i)perylene	17.14	276	200195	36.07	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

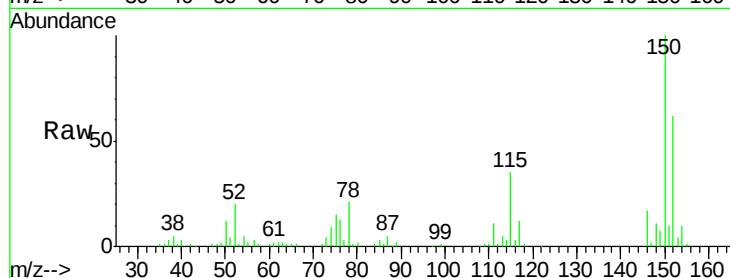
Tot Ion:152 Resp: 86537

Ion Ratio Lower Upper

152 100

150 161.1 124.6 187.0

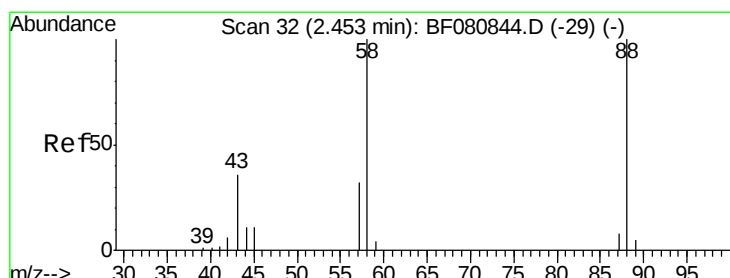
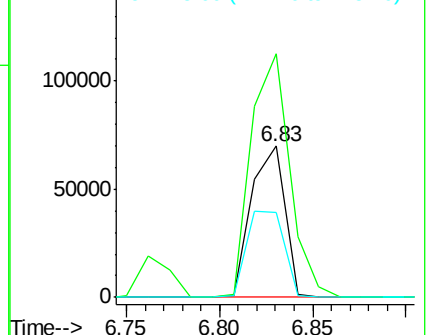
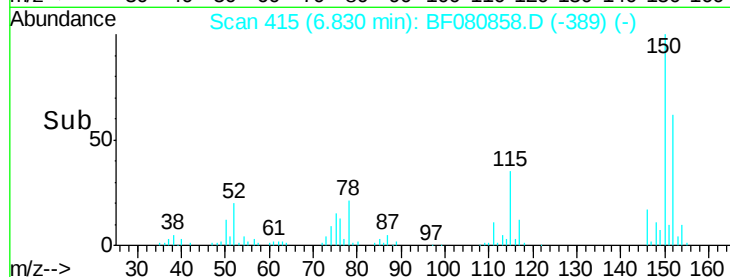
115 56.1 44.2 66.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.43 ng

RT: 2.56 min Scan# 41

Delta R.T. 0.10 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

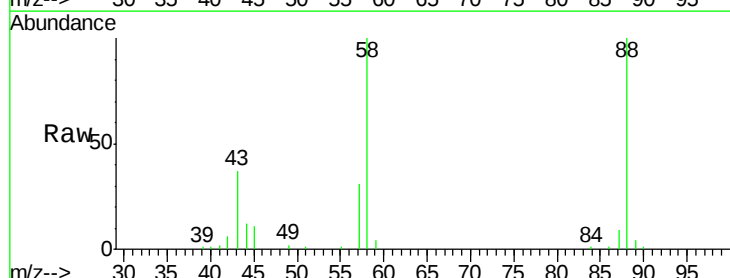
Tgt Ion: 88 Resp: 79676

Ion Ratio Lower Upper

88 100

58 97.9 79.2 118.8

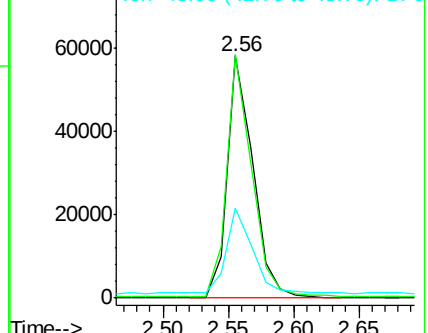
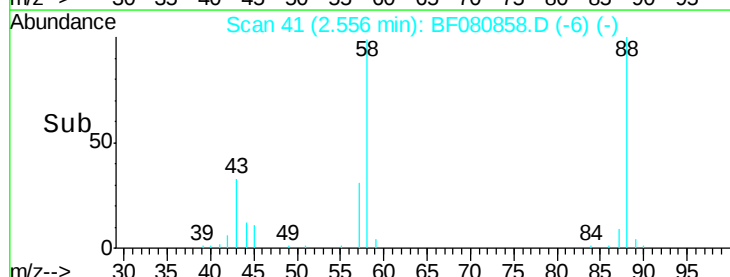
43 37.0 28.1 42.1

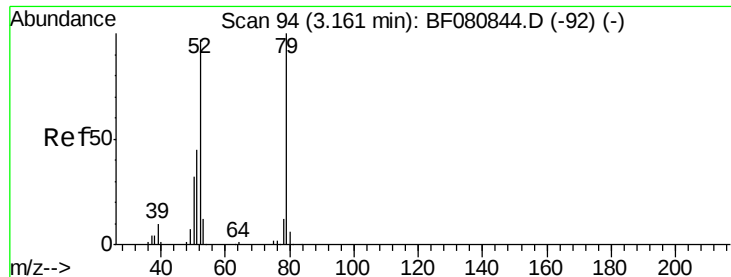


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 26.10 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.10 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

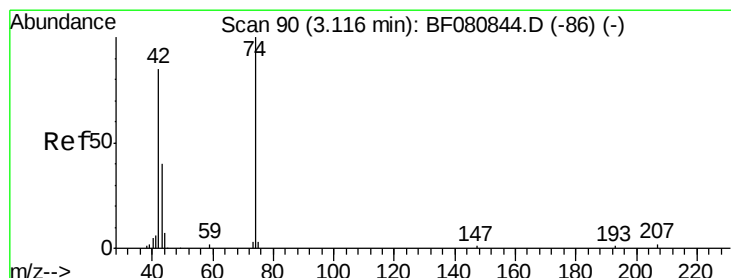
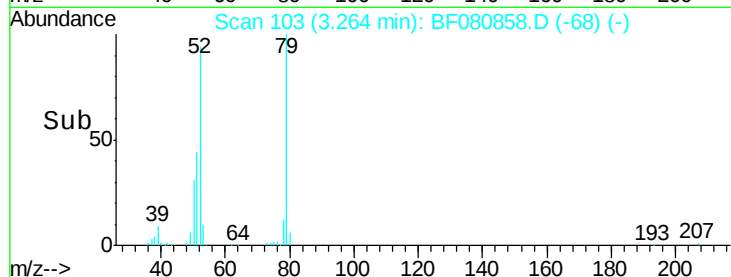
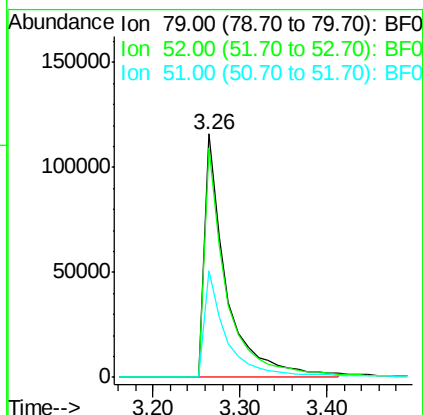
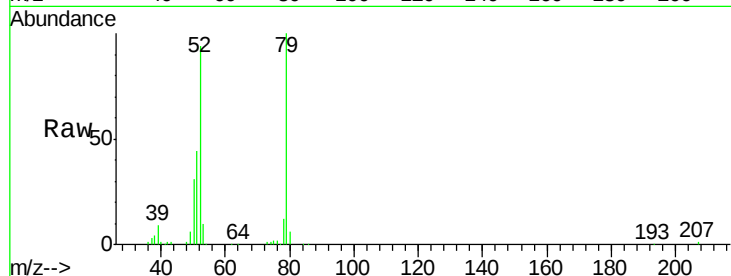
Tot Ion: 79 Resp: 201649

Ion Ratio Lower Upper

79 100

52 94.3 77.7 116.5

51 43.9 36.1 54.1



#4

n-Nitrosodimethylamine

Concen: 32.18 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.10 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

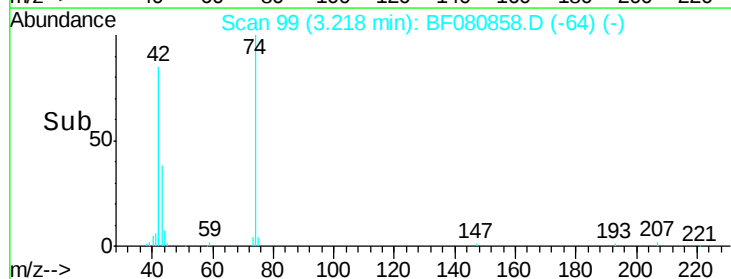
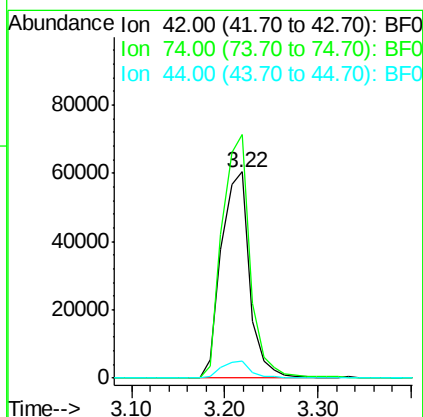
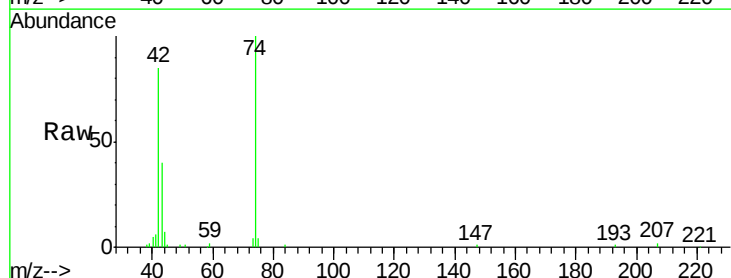
Tgt Ion: 42 Resp: 127533

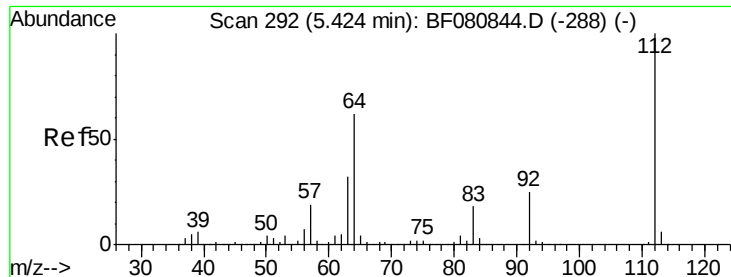
Ion Ratio Lower Upper

42 100

74 118.2 94.3 141.5

44 8.0 6.2 9.2





#5

2-Fluorophenol

Concen: 95.58 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

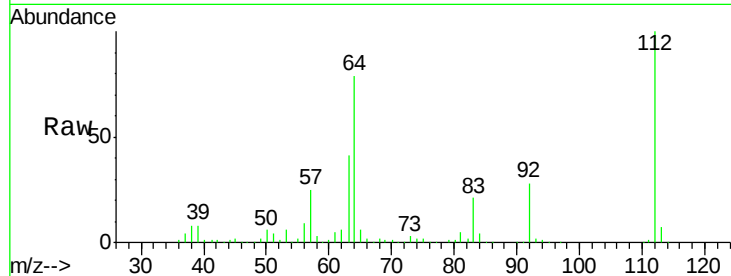
Tot Ion: 112 Resp: 546466

Ion Ratio Lower Upper

112 100

64 78.9 49.5 74.3#

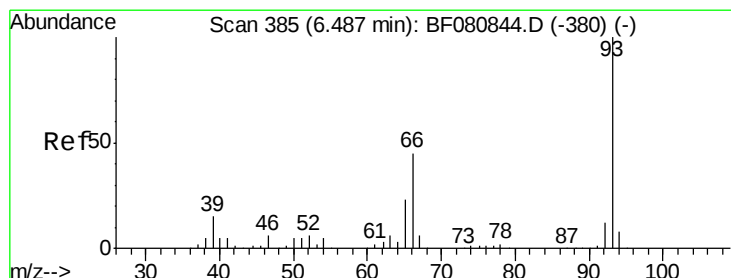
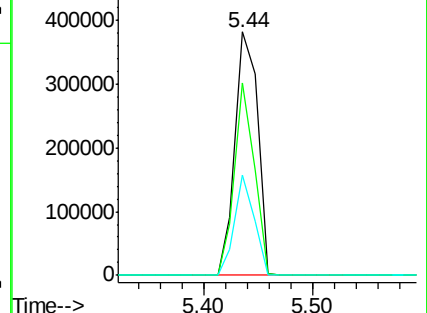
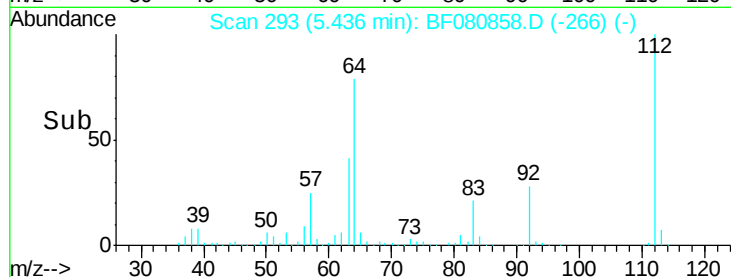
63 41.0 25.3 37.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.71 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

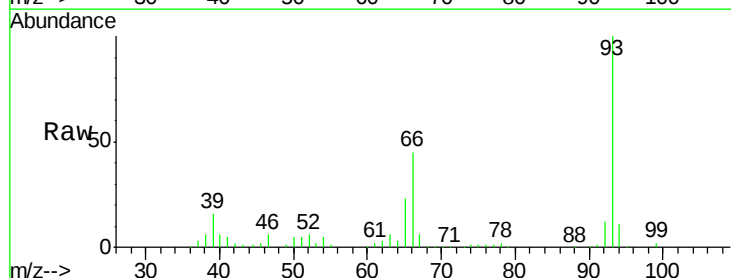
Tgt Ion: 93 Resp: 225227

Ion Ratio Lower Upper

93 100

66 44.5 35.8 53.6

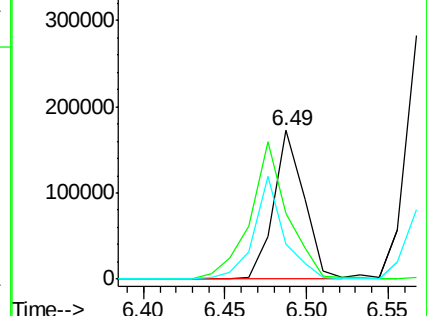
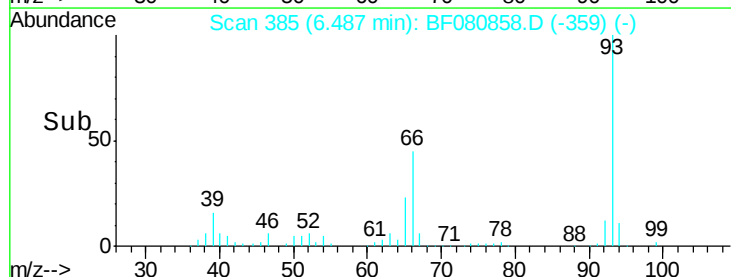
65 23.3 18.2 27.2

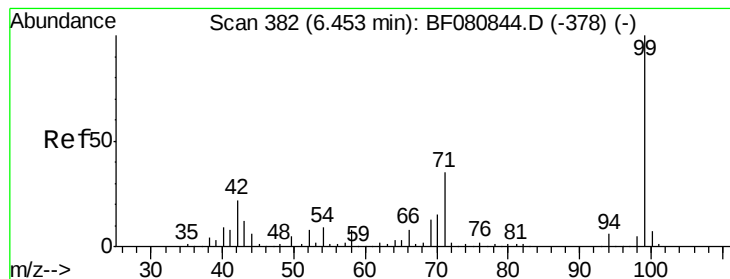


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 98.10 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

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ClientSampleId :

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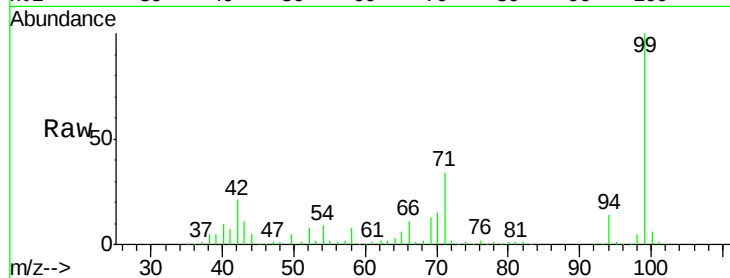
Tot Ion: 99 Resp: 733229

Ion Ratio Lower Upper

99 100

42 20.6 17.9 26.9

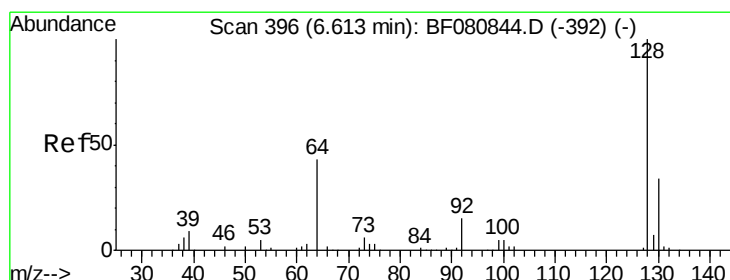
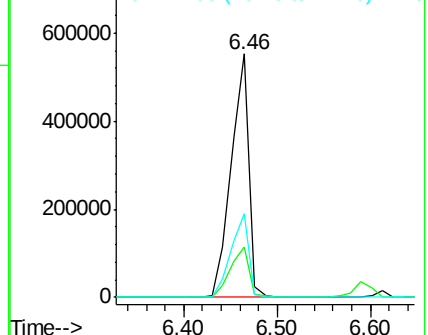
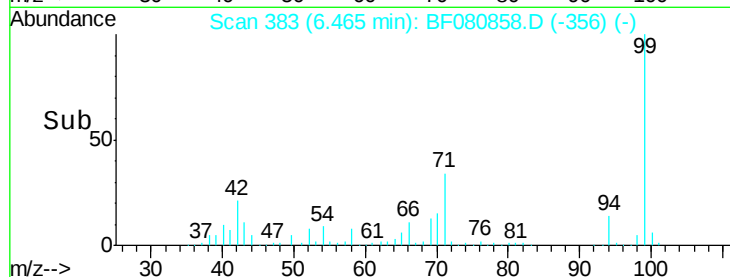
71 34.3 28.2 42.4



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: 34.53 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

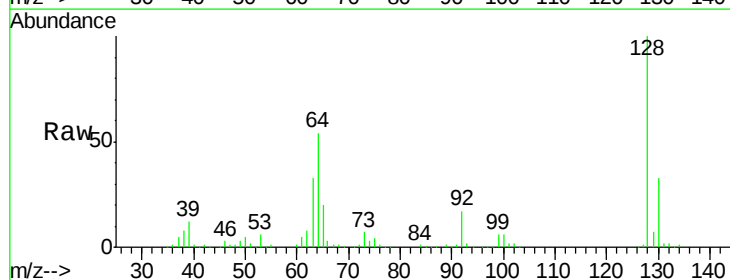
Tgt Ion: 128 Resp: 221181

Ion Ratio Lower Upper

128 100

130 32.9 13.9 53.9

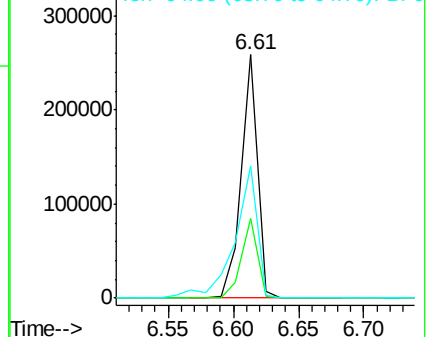
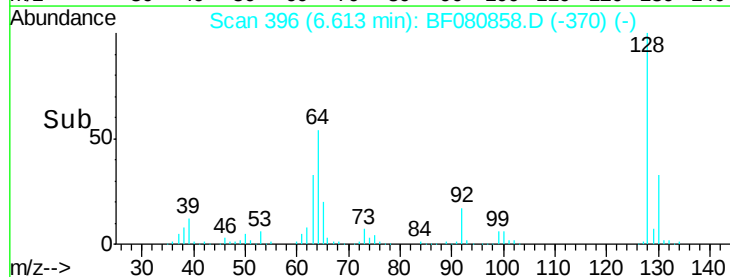
64 54.1 26.2 66.2

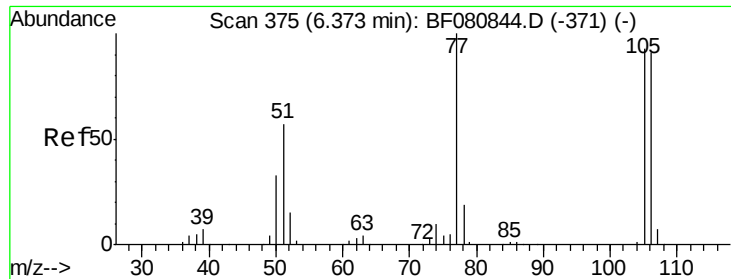


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.00 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

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PB84659BS

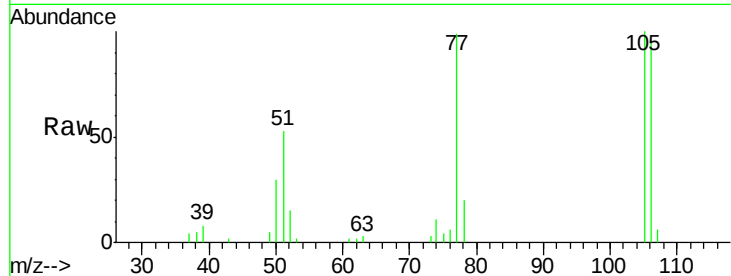
Tot Ion: 77 Resp: 15665

Ion Ratio Lower Upper

77 100

105 100.7 73.5 113.5

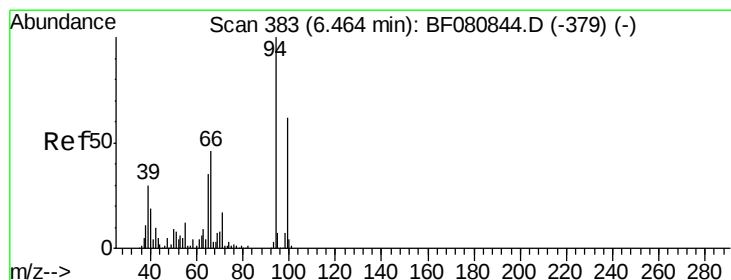
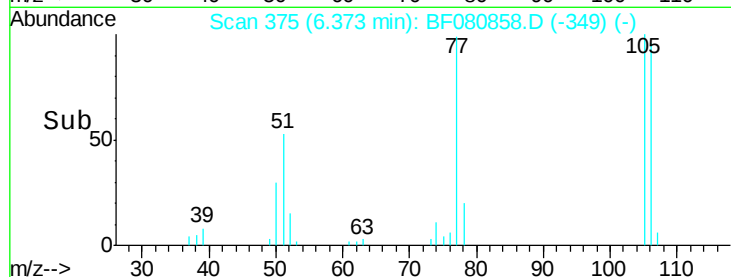
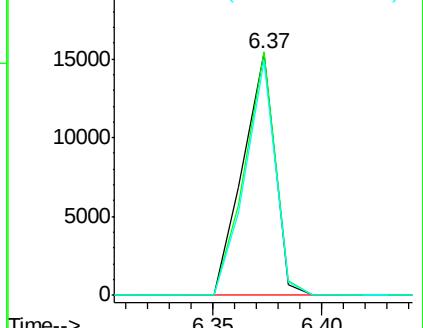
106 96.9 70.8 110.8



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: 35.94 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

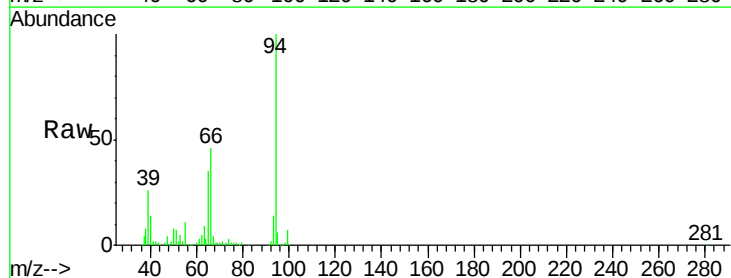
Tgt Ion: 94 Resp: 319598

Ion Ratio Lower Upper

94 100

65 34.9 15.2 55.2

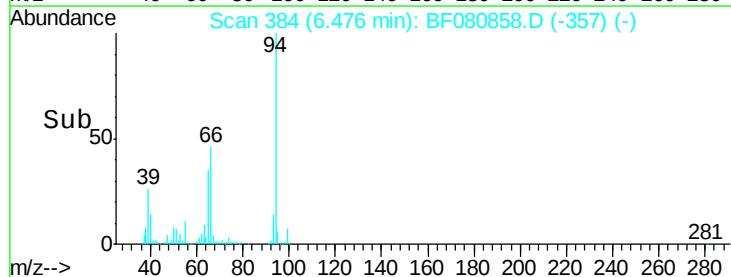
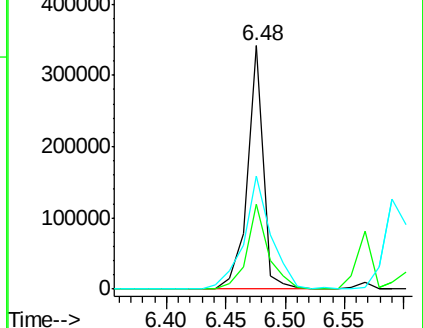
66 46.5 25.9 65.9

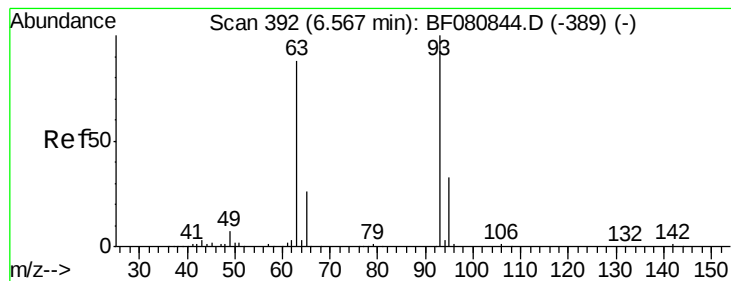


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

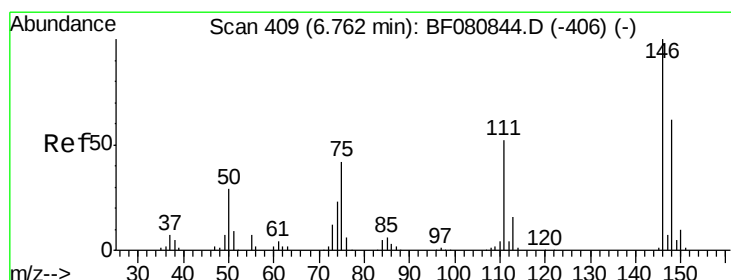
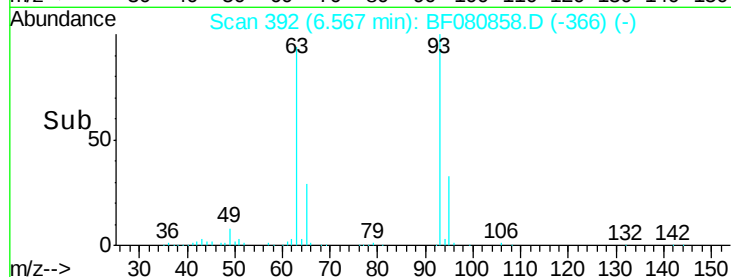
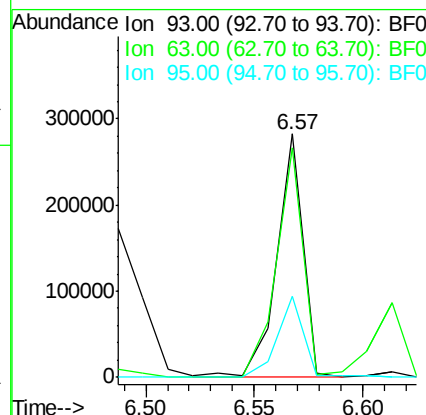
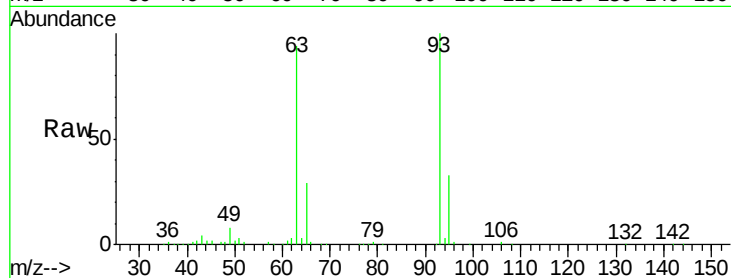




#11
bis(2-Chloroethyl)ether
Concen: 35.97 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

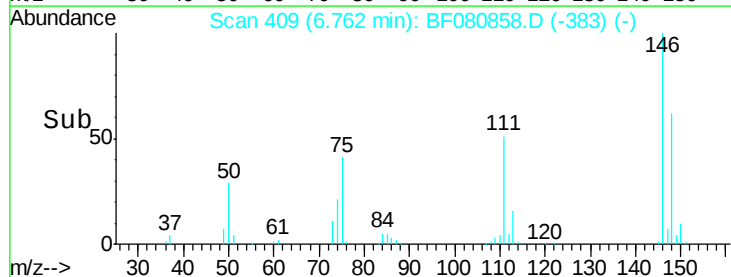
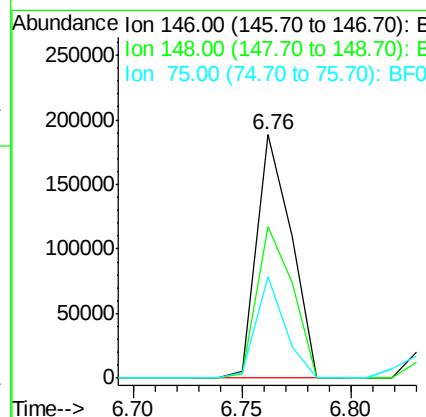
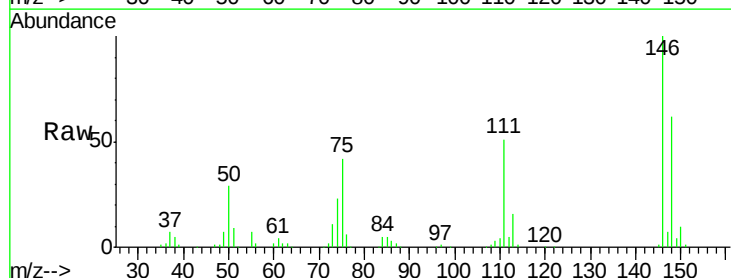
Instrument :
BNA_F
ClientSampleId :
PB84659BS

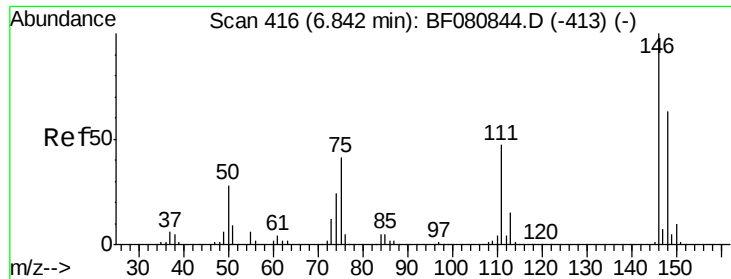
Tot Ion: 93 Resp: 238881
Ion Ratio Lower Upper
93 100
63 94.2 67.6 107.6
95 33.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 30.39 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion: 146 Resp: 208566
Ion Ratio Lower Upper
146 100
148 62.1 49.7 74.5
75 41.7 33.5 50.3

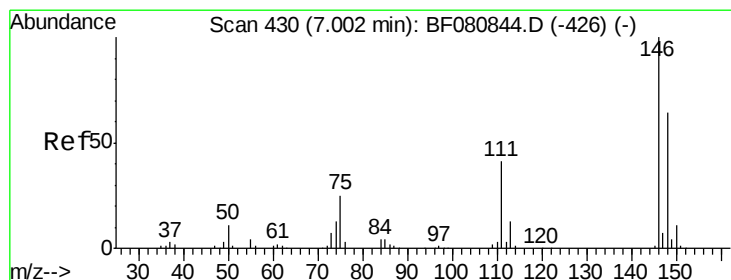
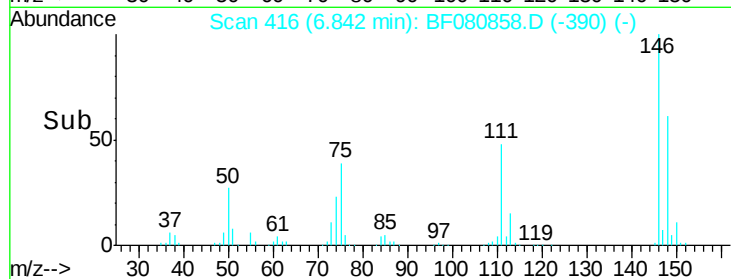
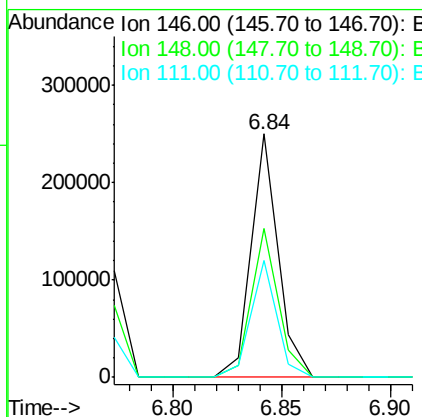
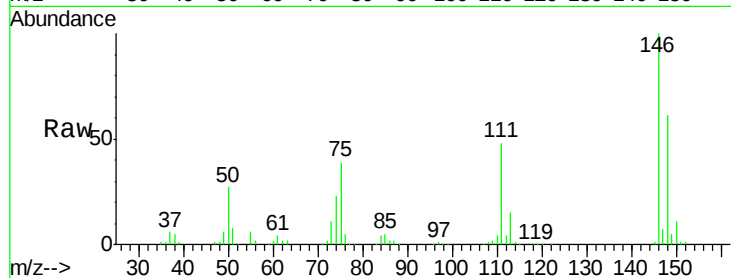




#13
 1,4-Dichlorobenzene
 Concen: 31.24 ng
 RT: 6.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

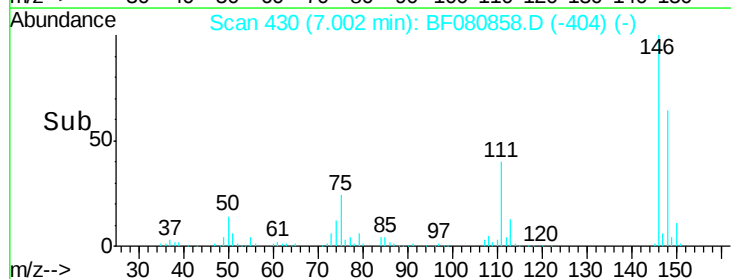
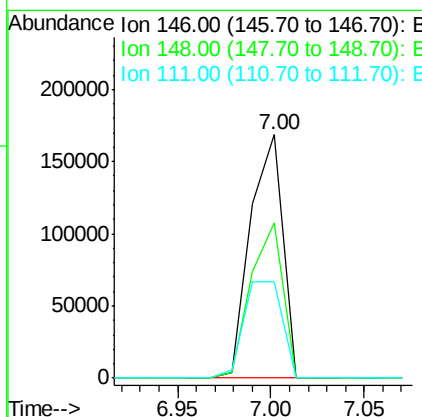
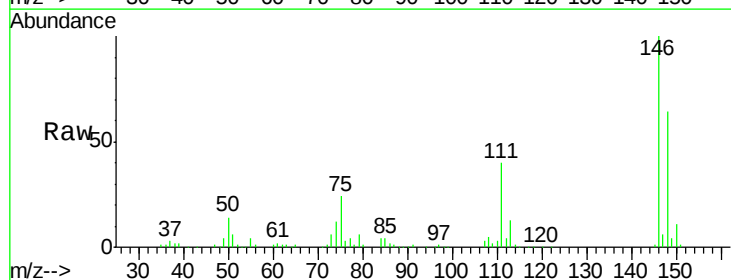
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

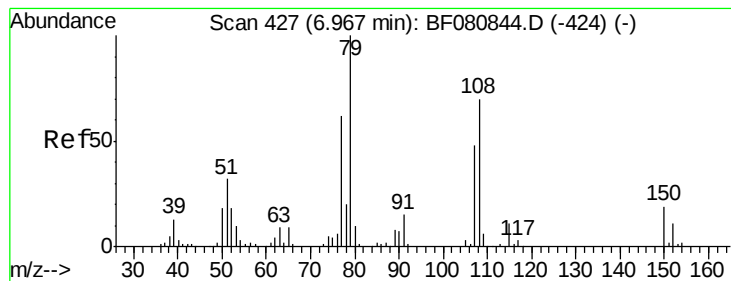
Tot Ion:146 Resp: 215184
 Ion Ratio Lower Upper
 146 100
 148 61.2 50.5 75.7
 111 48.1 38.0 57.0



#14
 1,2-Dichlorobenzene
 Concen: 31.04 ng
 RT: 7.00 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion:146 Resp: 201791
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.6
 111 39.8 32.7 49.1





#15

Benzyl Alcohol

Concen: 35.96 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleID :

PB84659BS

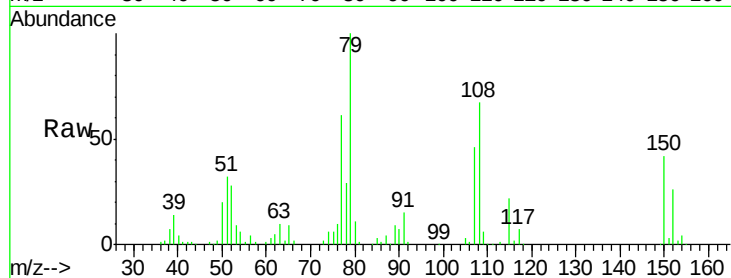
Tot Ion: 79 Resp: 175546

Ion Ratio Lower Upper

79 100

108 67.1 55.9 83.9

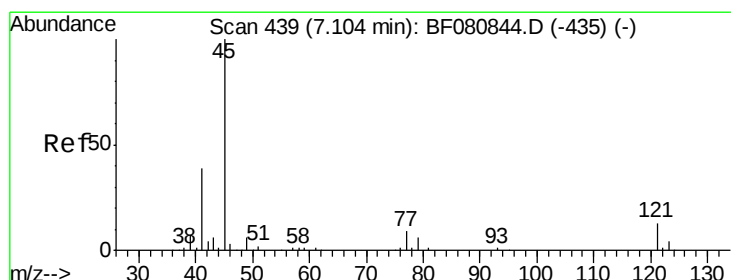
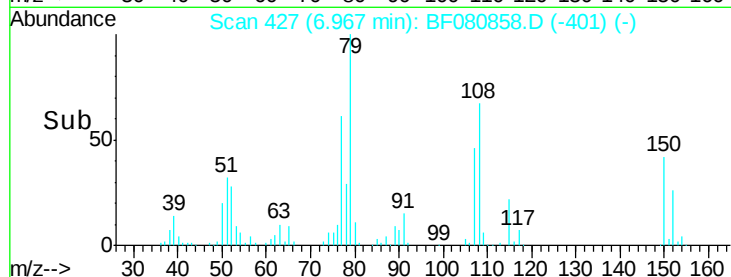
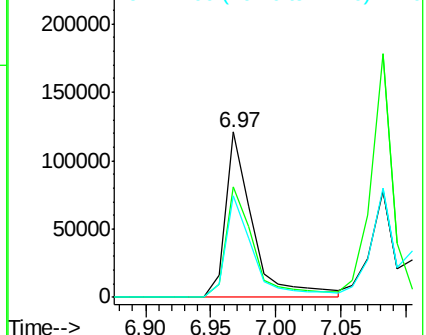
77 61.1 49.4 74.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.99 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

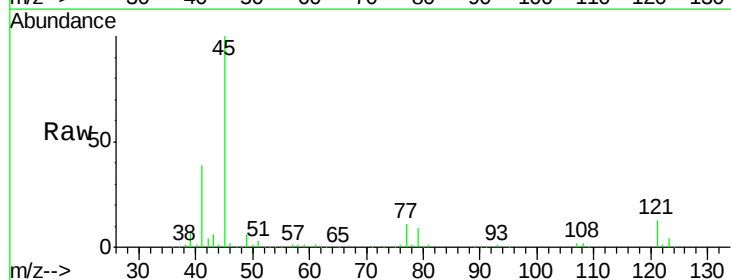
Tgt Ion: 45 Resp: 449670

Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.5

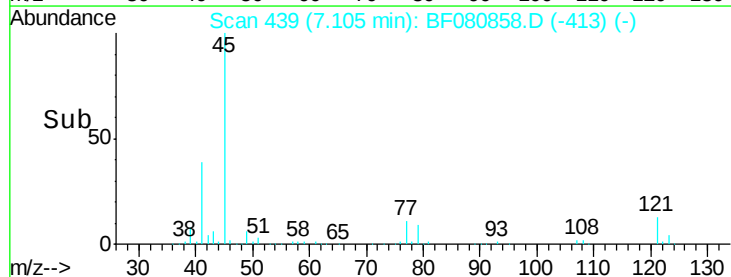
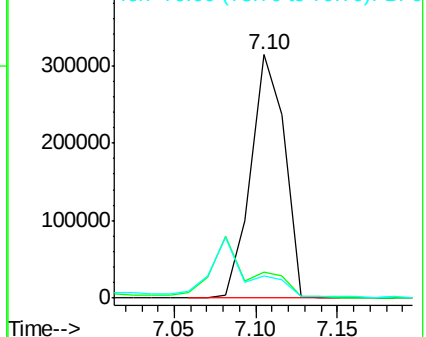
79 8.9 0.0 28.2

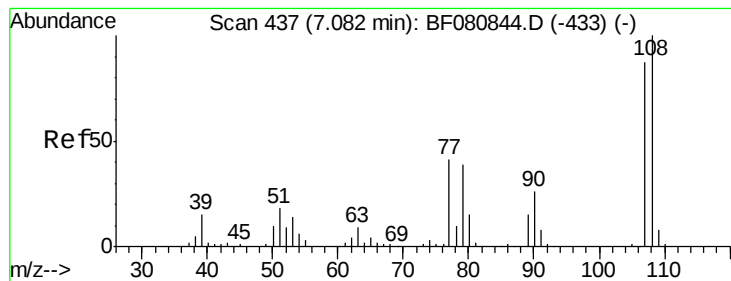


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

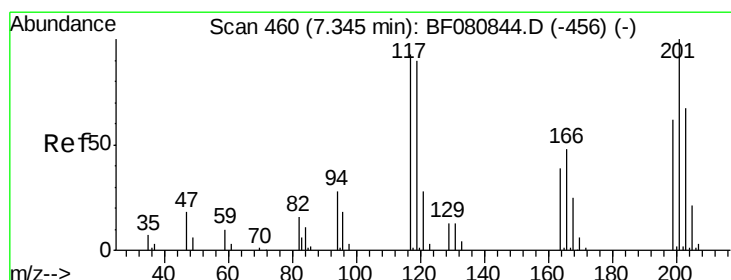
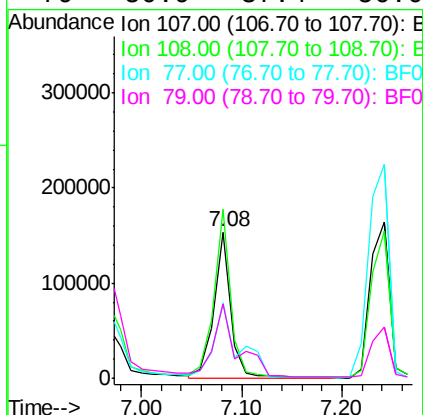
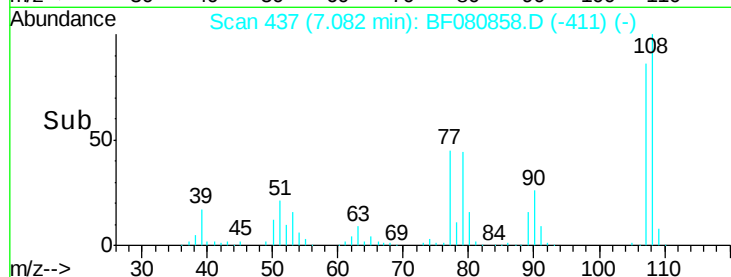
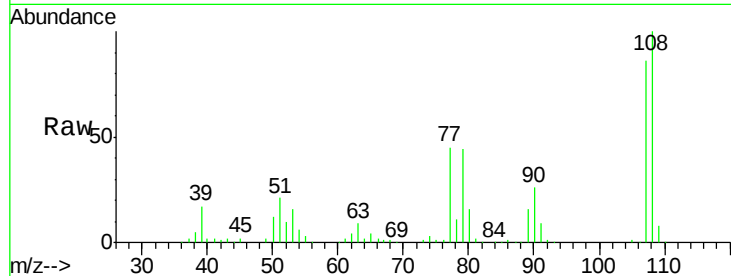




#17
2-Methylphenol
Concen: 32.13 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

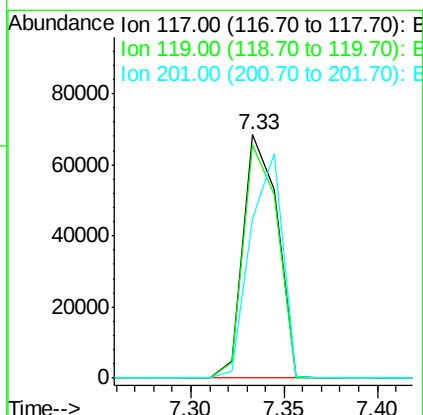
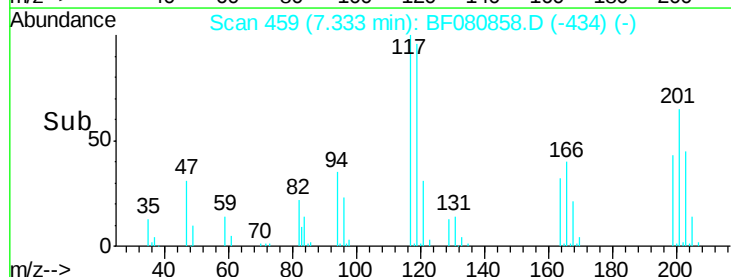
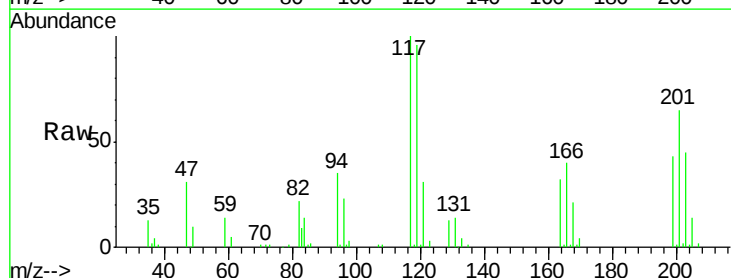
Instrument :
BNA_F
ClientSampleId :
PB84659BS

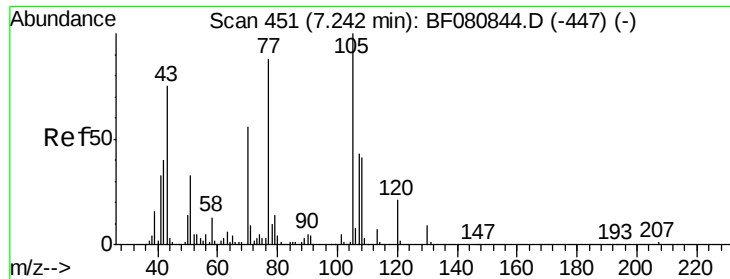
Tot Ion:	107	Resp:	180241
Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.8	137.8
77	51.8	38.2	57.2
79	50.9	37.4	56.0



#18
Hexachloroethane
Concen: 33.23 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion:	117	Resp:	86993
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.0
201	65.5	85.8	128.6#

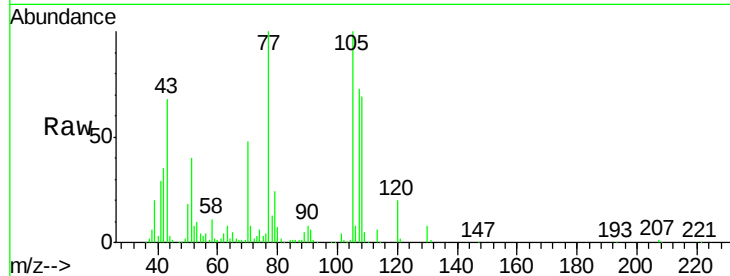




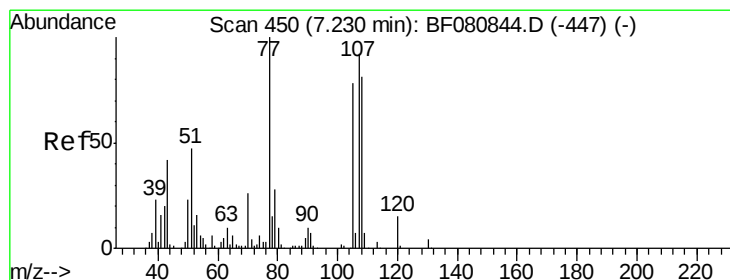
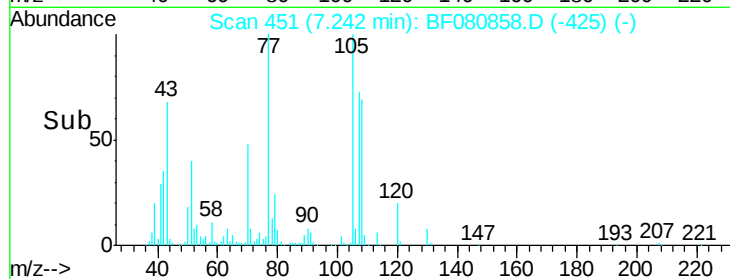
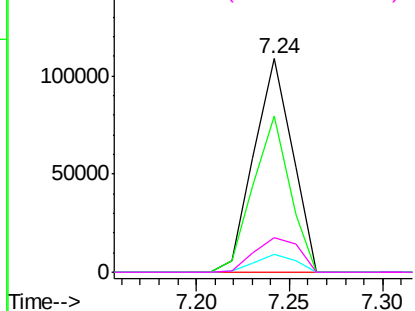
#19
n-Nitroso-di-n-propylamine
Concen: 32.12 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion: 70 Resp: 155091
Ion Ratio Lower Upper
70 100
42 73.1 57.8 86.8
101 8.4 6.7 10.1
130 16.0 12.6 19.0



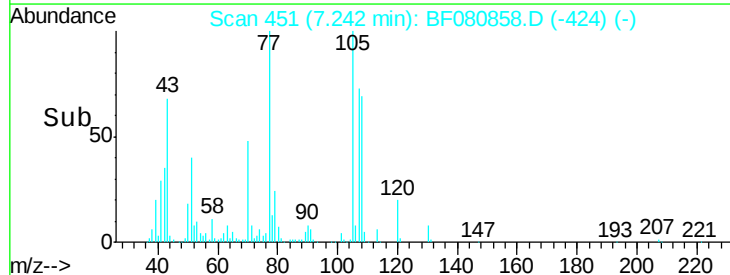
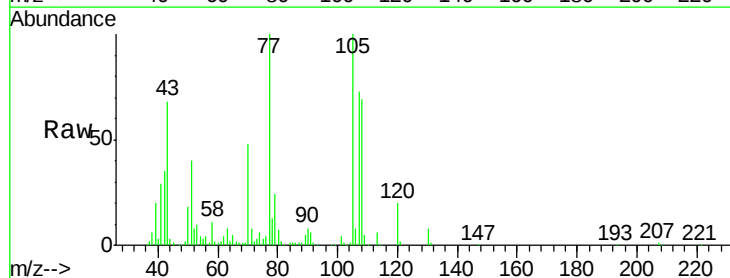
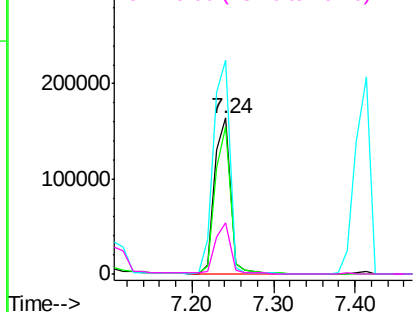
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

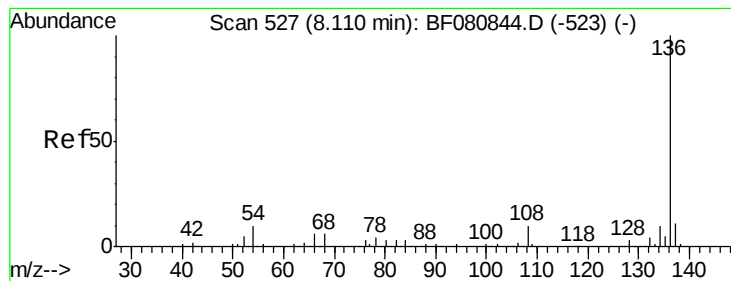


#20
3+4-Methylphenols
Concen: 34.00 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.01 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion: 107 Resp: 221164
Ion Ratio Lower Upper
107 100
108 94.8 68.2 108.2
77 136.9 88.5 128.5#
79 32.9 10.3 50.3

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

Tot Ion:136 Resp: 339425

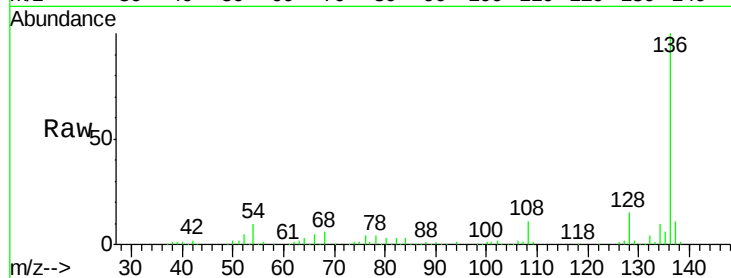
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 10.1 8.3 12.5

68 5.5 4.8 7.2

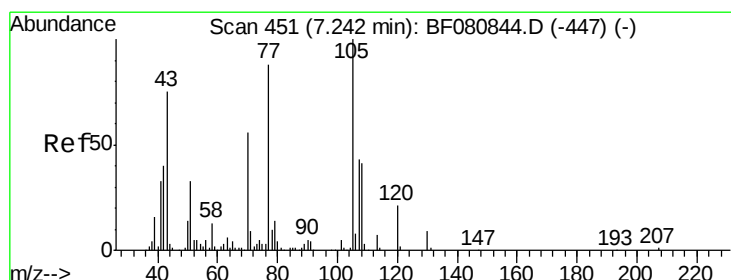
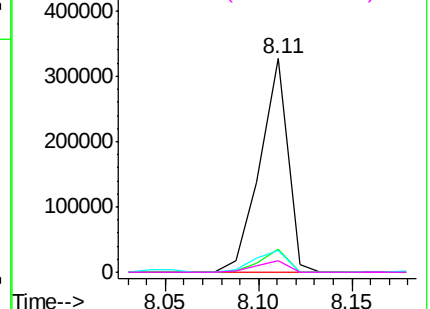
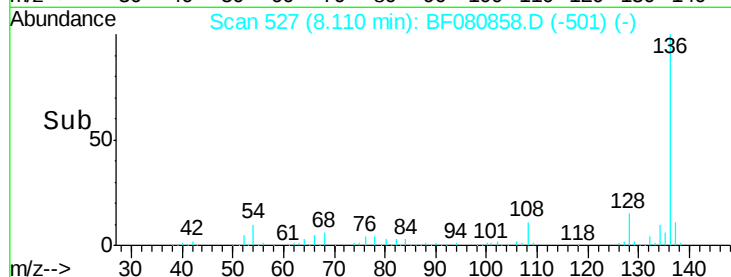


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.80 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Tgt Ion:105 Resp: 296786

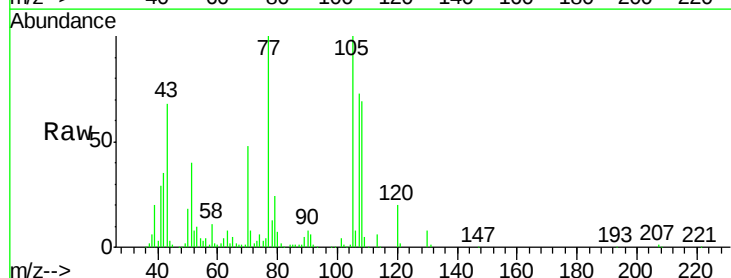
Ion Ratio Lower Upper

105 100

71 8.1 7.4 11.2

51 40.3 26.5 39.7#

120 20.1 17.0 25.4

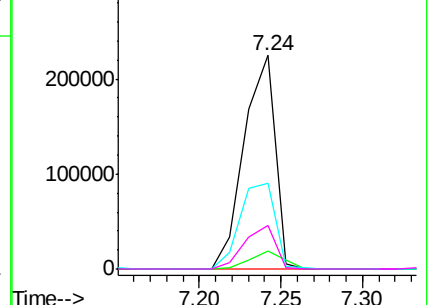
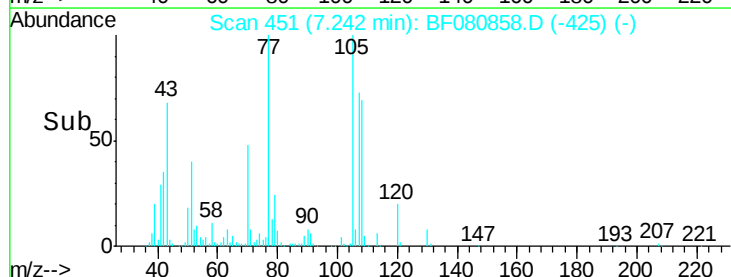


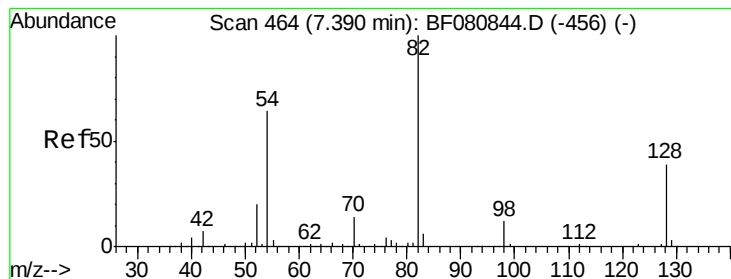
Abundance Ion 105.00 (104.70 to 105.70): E

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: 64.65 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

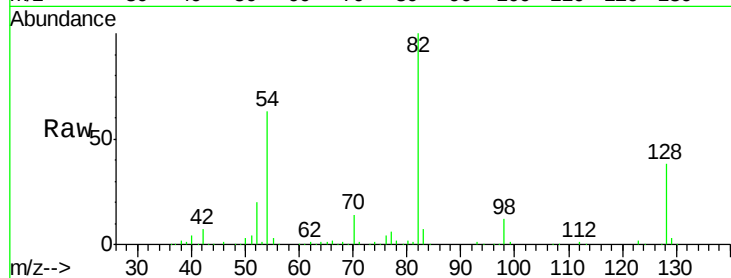
Tot Ion: 82 Resp: 465634

Ion Ratio Lower Upper

82 100

128 37.8 31.0 46.4

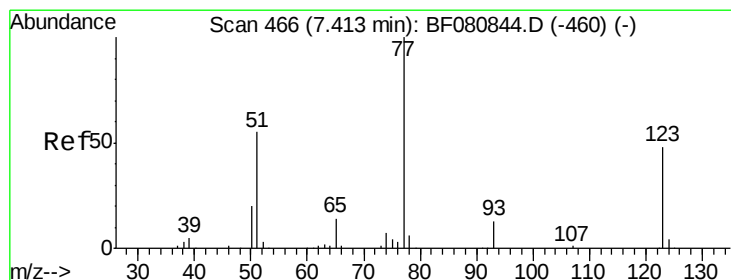
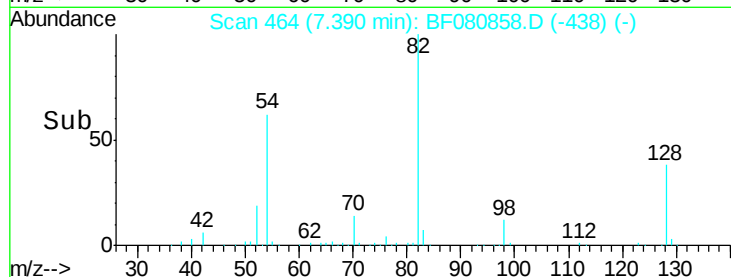
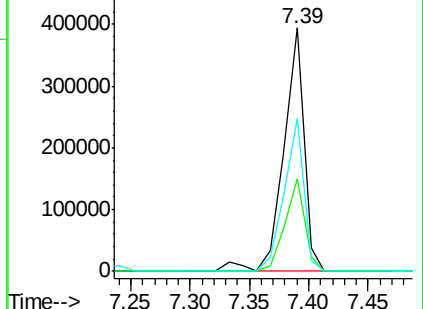
54 62.6 51.0 76.6



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: 34.21 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

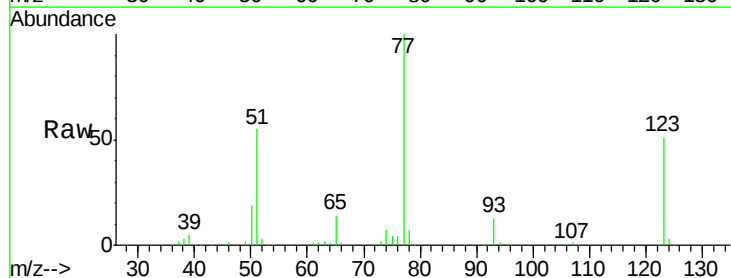
Tgt Ion: 77 Resp: 255545

Ion Ratio Lower Upper

77 100

123 51.1 39.7 59.5

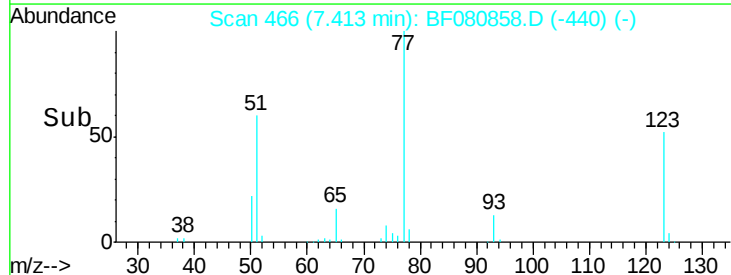
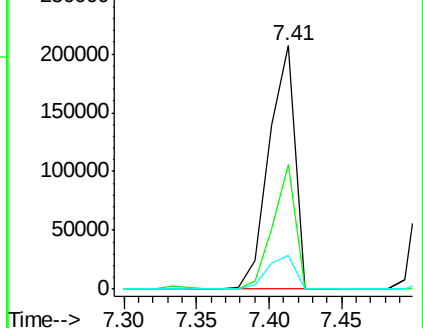
65 13.7 11.0 16.6

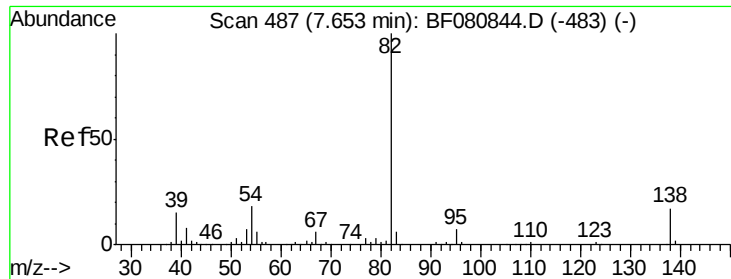


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.28 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

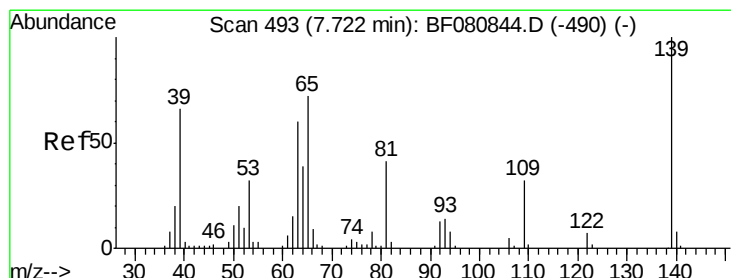
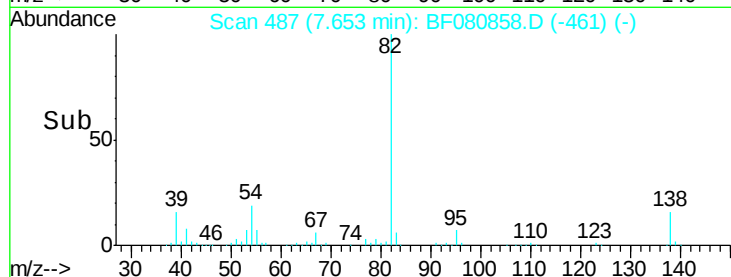
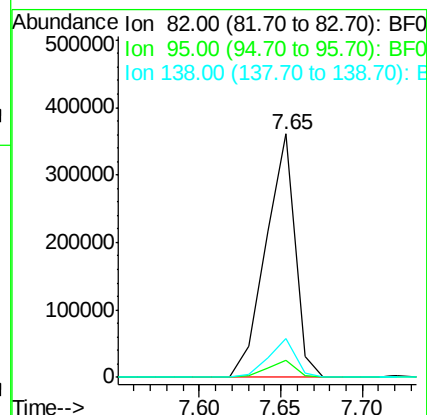
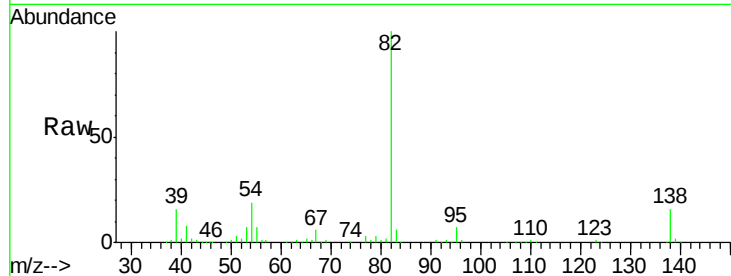
Tot Ion: 82 Resp: 450201

Ion Ratio Lower Upper

82 100

95 7.2 5.5 8.3

138 15.8 13.3 19.9



#26

2-Nitrophenol

Concen: 32.92 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

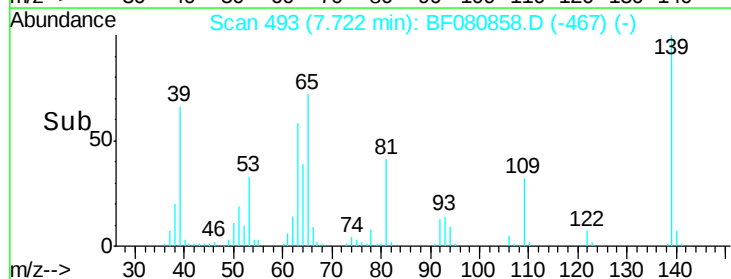
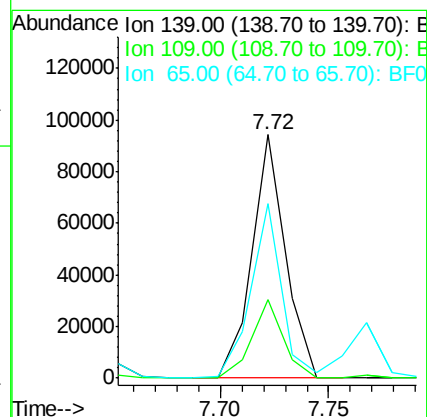
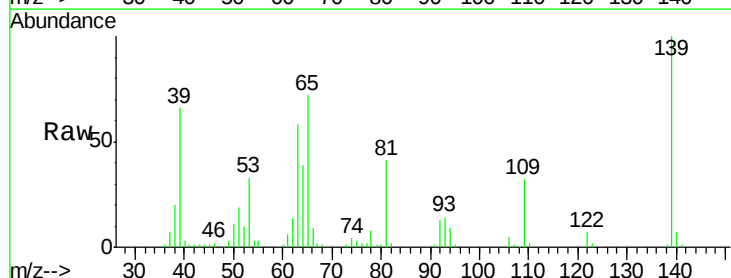
Tgt Ion: 139 Resp: 100871

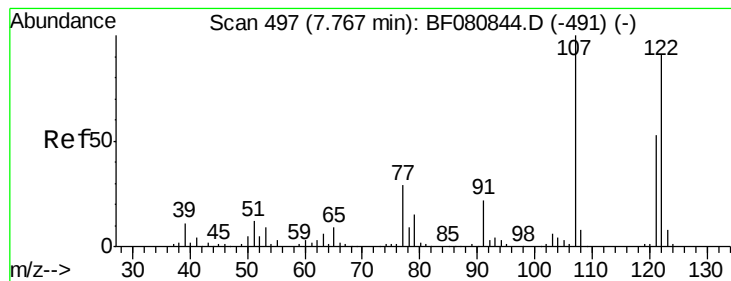
Ion Ratio Lower Upper

139 100

109 32.2 25.2 37.8

65 71.6 57.3 85.9

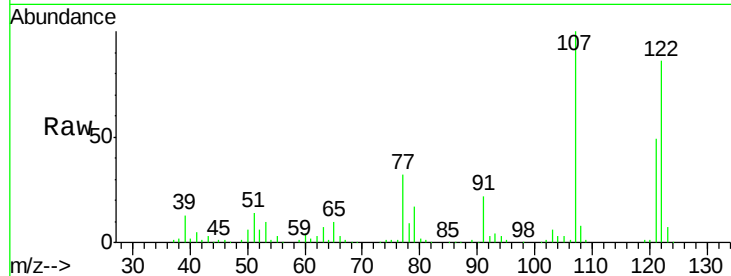




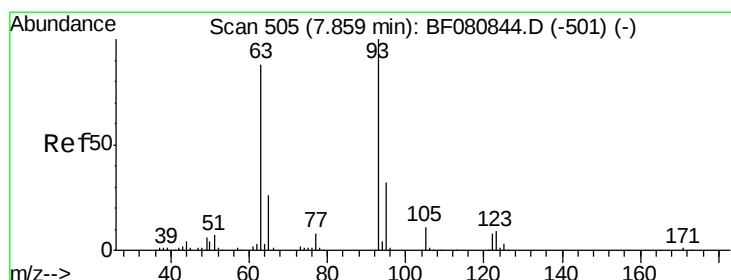
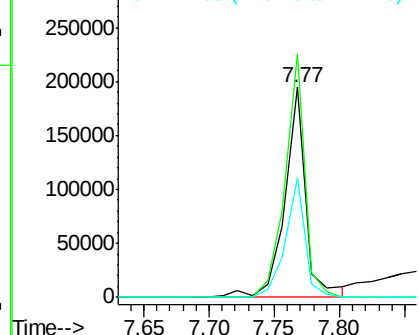
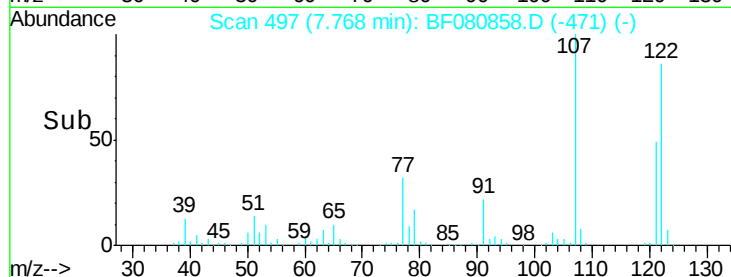
#27
 2,4-Dimethylphenol
 Concen: 38.82 ng
 RT: 7.77 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion:122 Resp: 221514
 Ion Ratio Lower Upper
 122 100
 107 115.9 88.2 132.4
 121 57.1 46.8 70.2

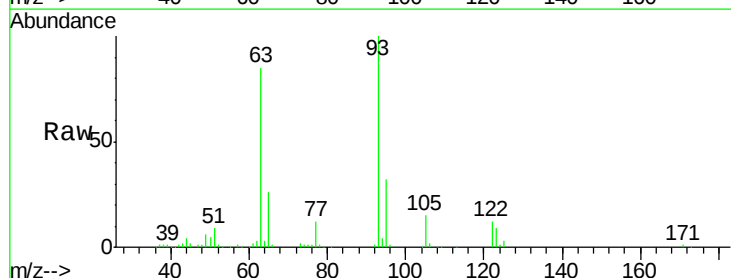


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

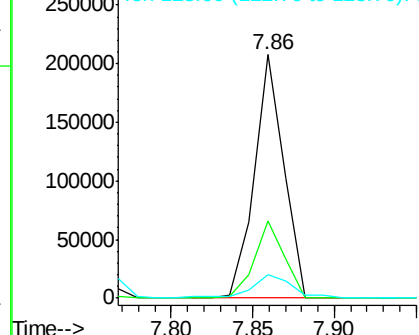
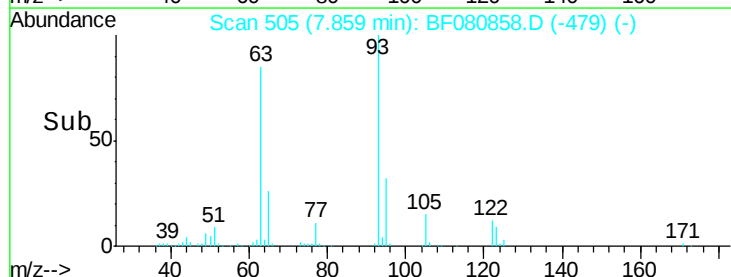


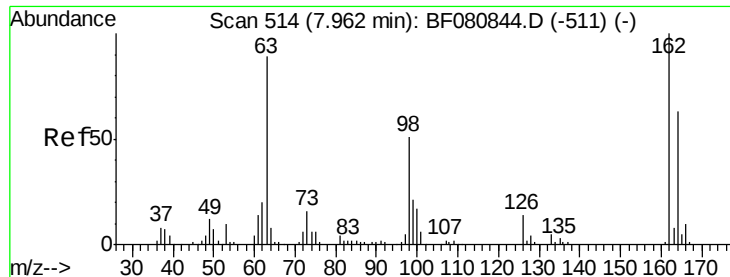
#28
 bis(2-Chloroethoxy)methane
 Concen: 32.96 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion: 93 Resp: 258706
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.9 38.9
 123 9.4 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

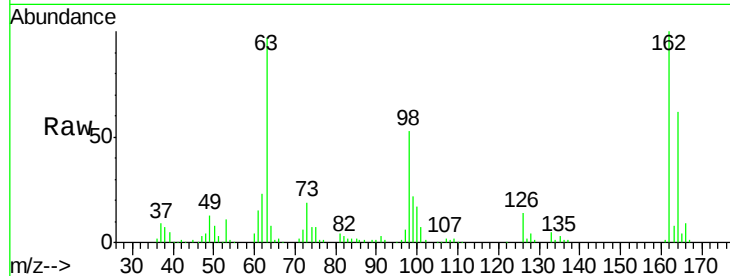




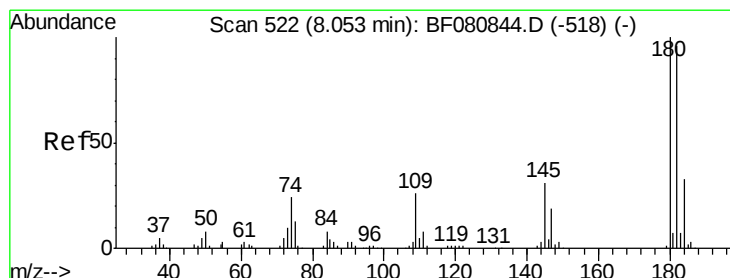
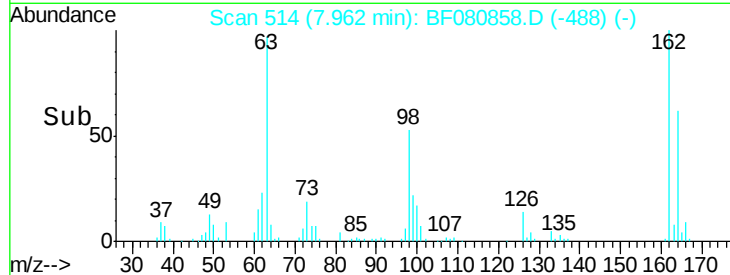
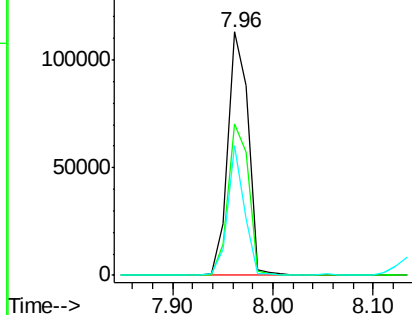
#29
 2,4-Dichlorophenol
 Concen: 33.73 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	43.1	83.1
98	53.4	31.3	71.3

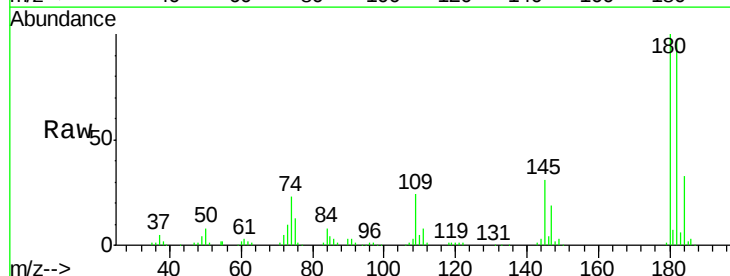


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

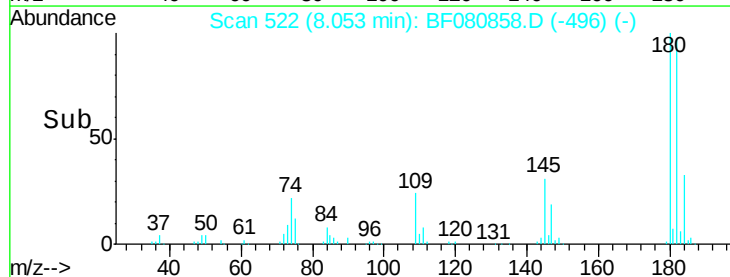
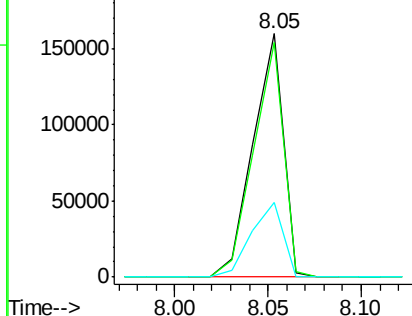


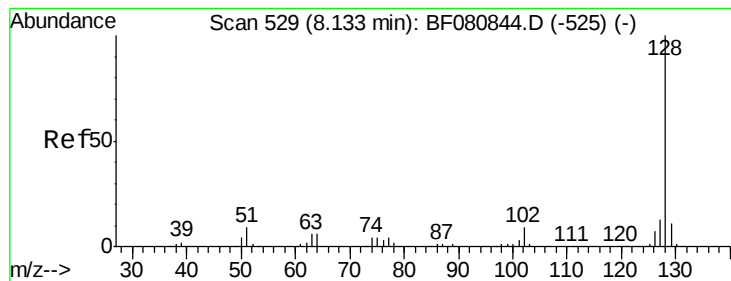
#30
 1,2,4-Trichlorobenzene
 Concen: 33.55 ng
 RT: 8.05 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.0	115.4
145	30.7	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: 33.95 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

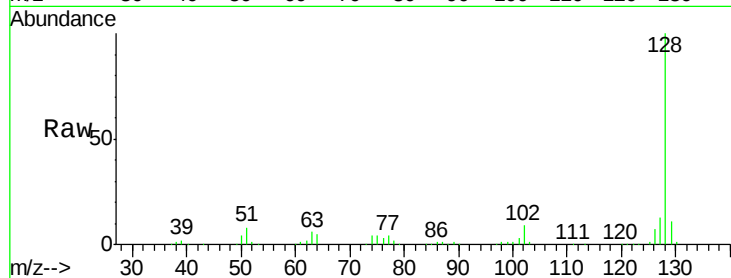
Tot Ion:128 Resp: 627649

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

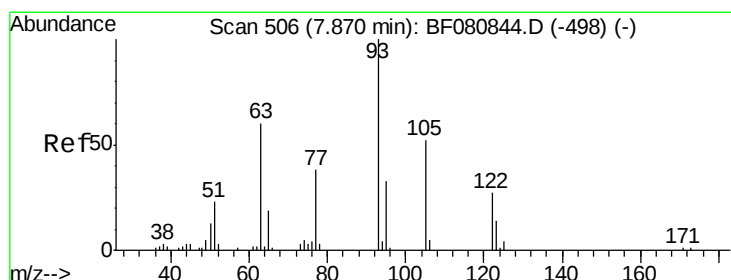
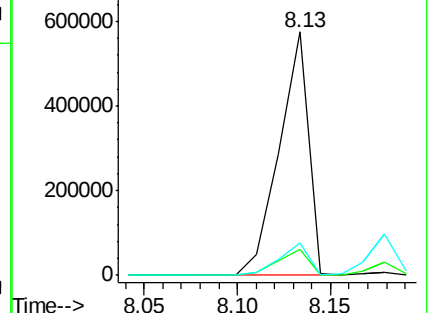
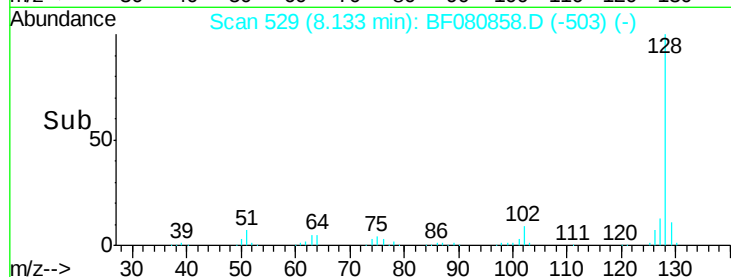
127 13.2 10.6 15.8



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: 34.57 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

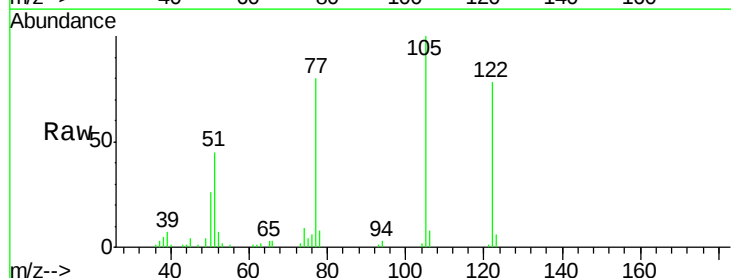
Tgt Ion:122 Resp: 130704

Ion Ratio Lower Upper

122 100

105 128.4 110.1 150.1

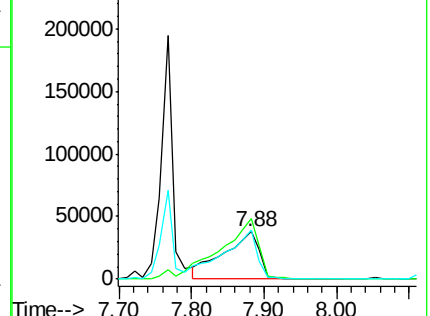
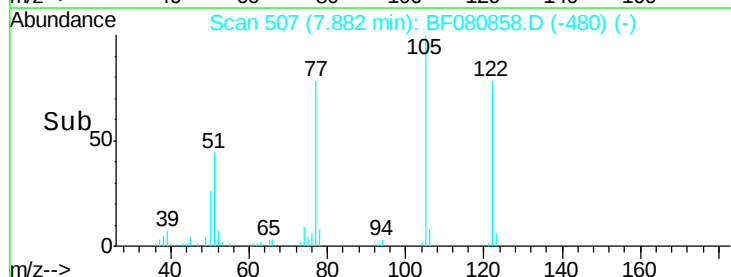
77 102.4 83.6 123.6

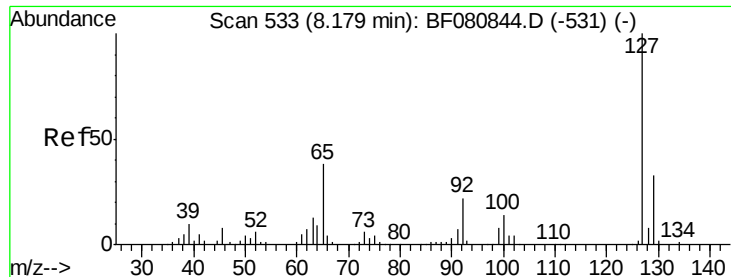


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

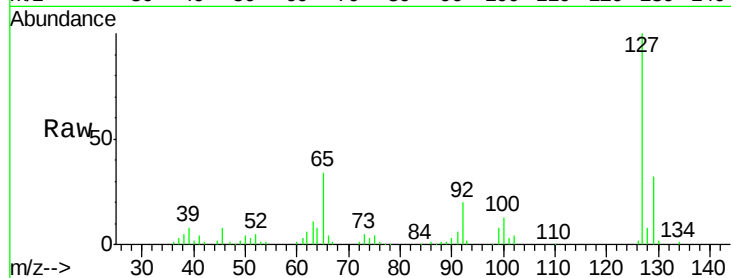




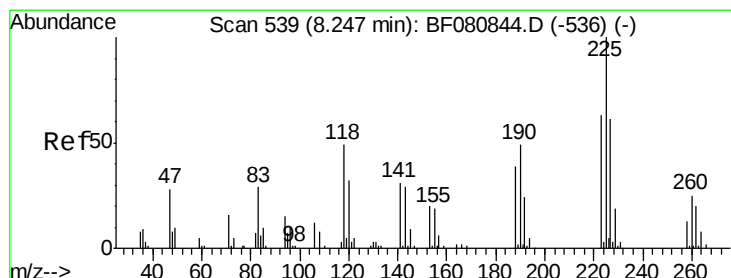
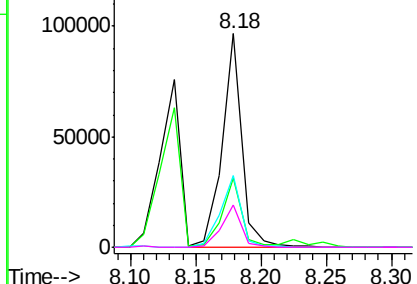
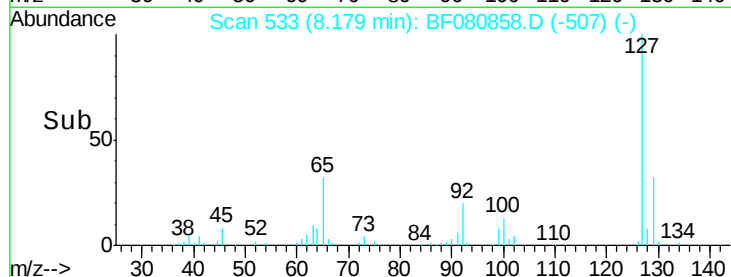
#33
4-Chloroaniline
Concen: 14.02 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion:	127	Resp:	101396
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	33.8	30.3	45.5
92	19.6	17.3	25.9

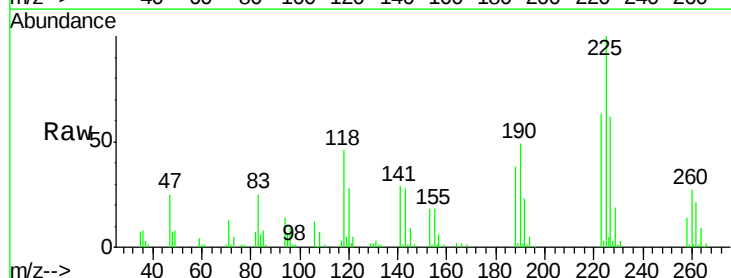


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

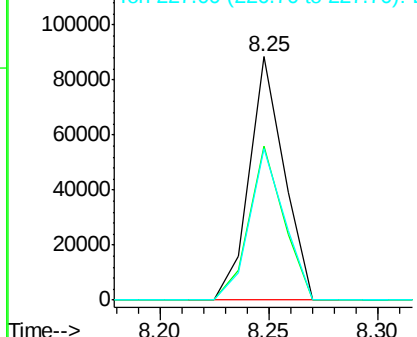
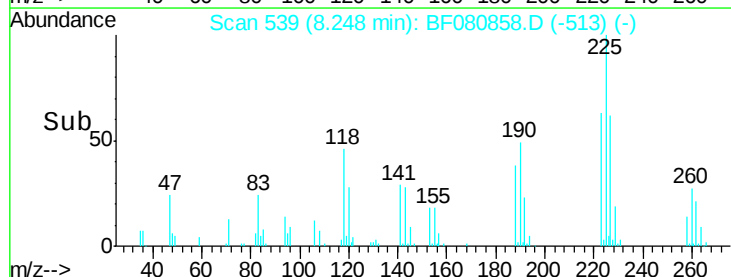


#34
Hexachlorobutadiene
Concen: 32.23 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion:	225	Resp:	98485
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.0	75.0
227	62.2	48.5	72.7



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

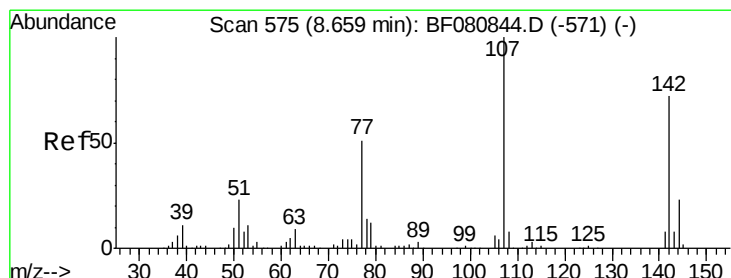
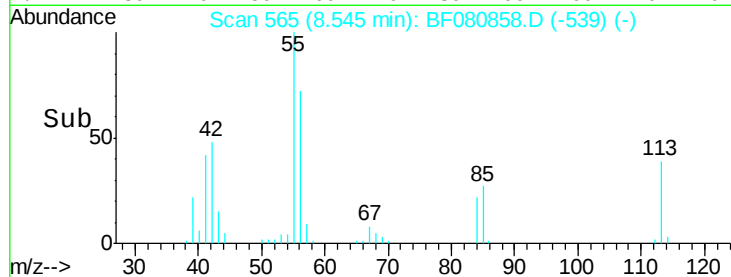
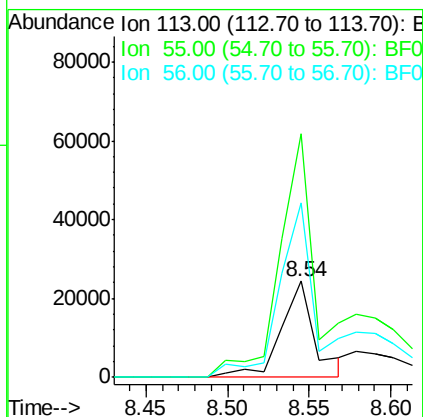
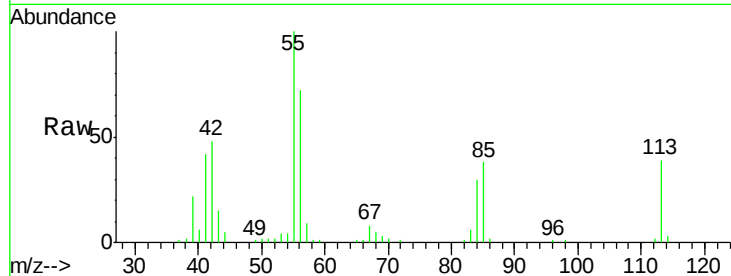




#35
 Caprolactam
 Concen: 25.86 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

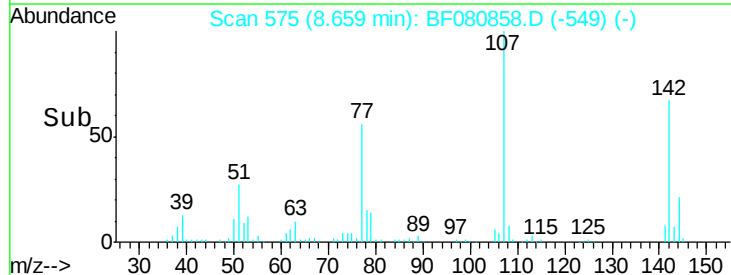
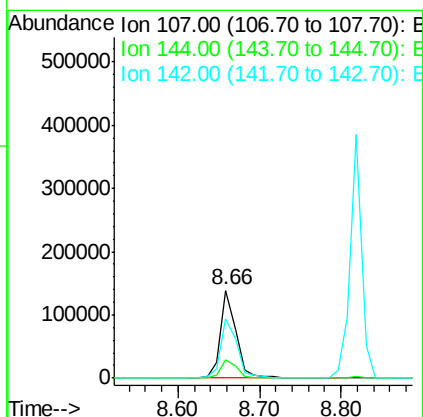
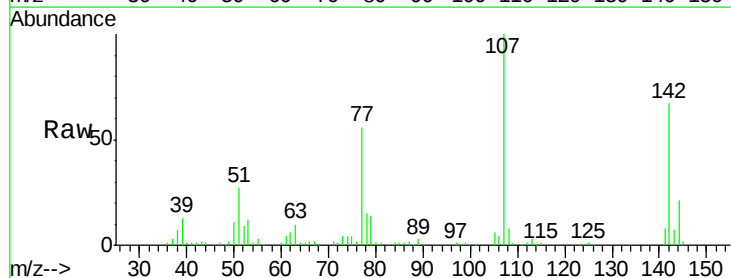
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

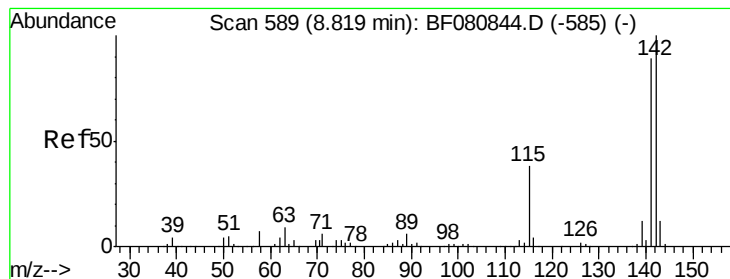
Tot Ion:113 Resp: 34781
 Ion Ratio Lower Upper
 113 100
 55 253.8 236.2 276.2
 56 181.6 165.2 205.2



#36
 4-Chloro-3-methylphenol
 Concen: 35.56 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion:107 Resp: 183751
 Ion Ratio Lower Upper
 107 100
 144 21.3 18.3 27.5
 142 67.4 57.8 86.8





#37

2-Methylnaphthalene

Concen: 33.74 ng

RT: 8.82 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

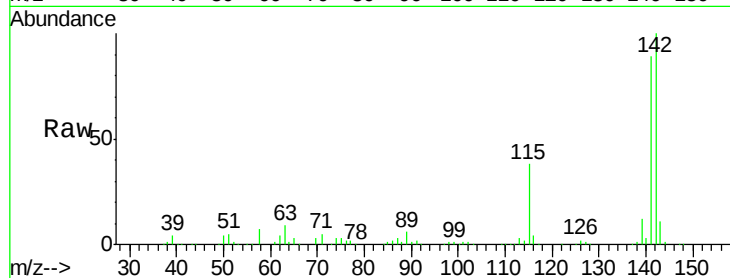
Tot Ion:142 Resp: 373837

Ion Ratio Lower Upper

142 100

141 89.3 71.5 107.3

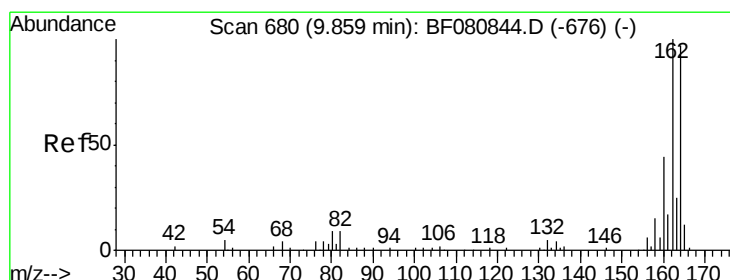
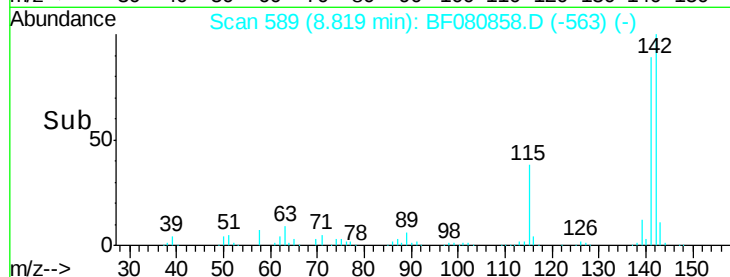
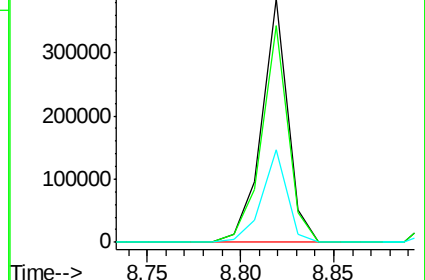
115 38.2 30.5 45.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

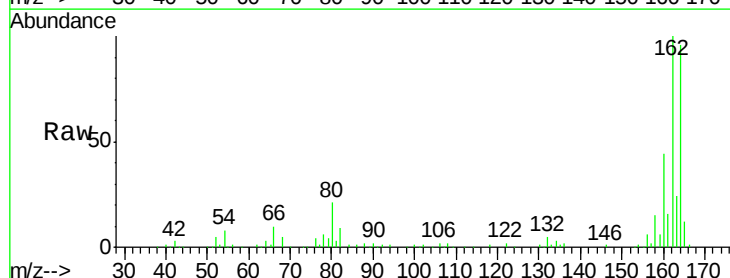
Tgt Ion:164 Resp: 145341

Ion Ratio Lower Upper

164 100

162 104.7 82.9 124.3

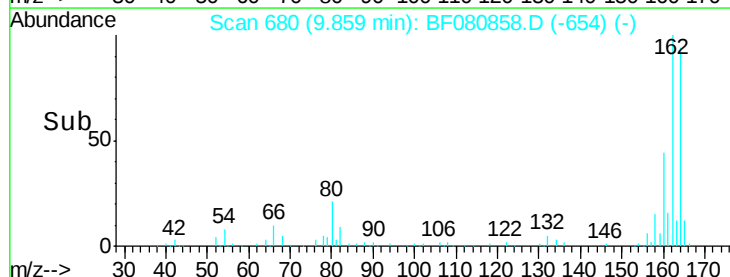
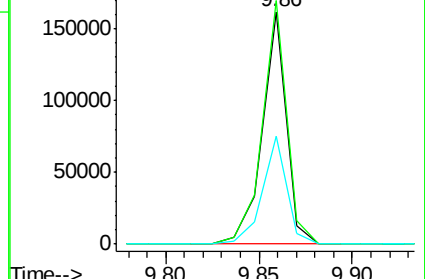
160 46.5 36.6 54.8

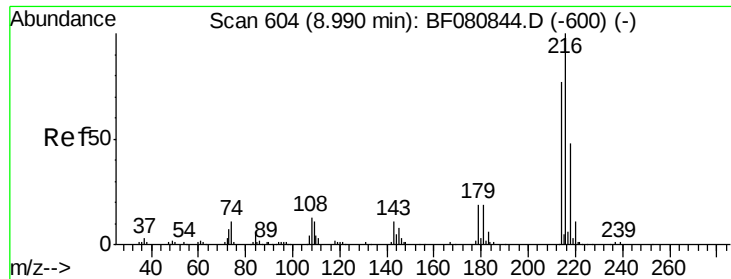


Abundance Ion 164.00 (163.70 to 164.70): E

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: 32.24 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

Tot Ion:216 Resp: 159914

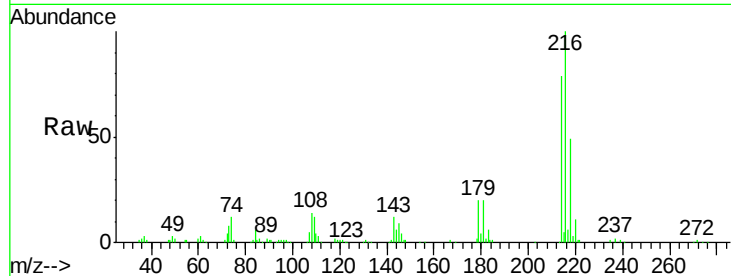
Ion Ratio Lower Upper

216 100

214 78.8 62.1 93.1

179 21.8 17.0 25.6

108 22.6 16.5 24.7

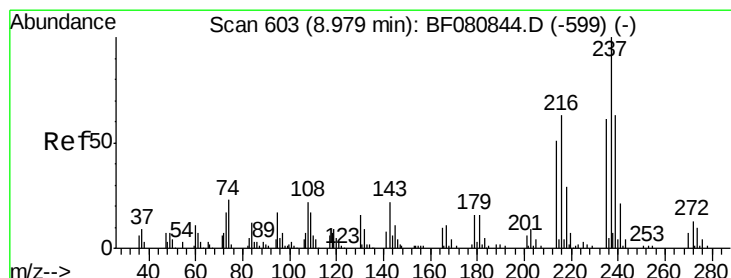
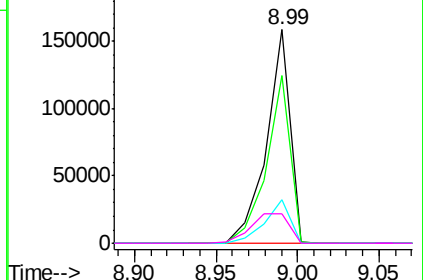
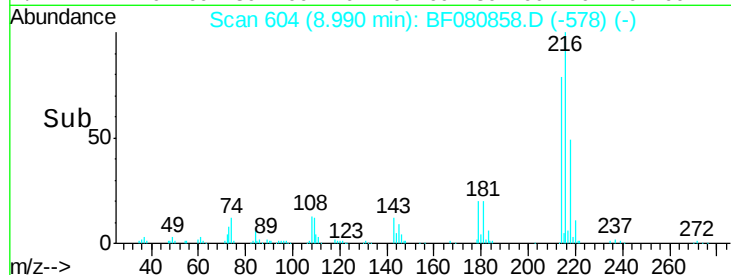


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.69 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

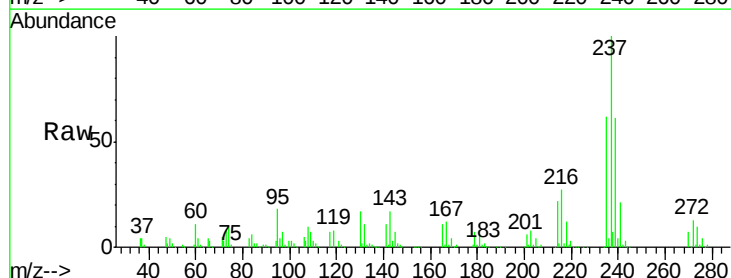
Tgt Ion:237 Resp: 210540

Ion Ratio Lower Upper

237 100

235 61.8 40.9 80.9

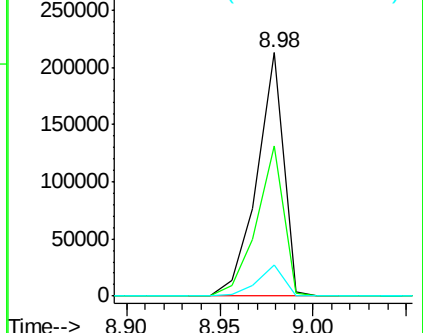
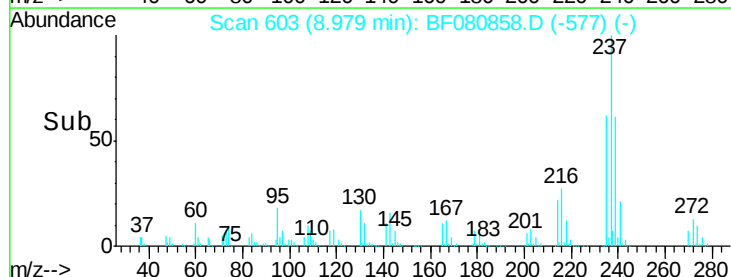
272 12.5 0.0 33.1

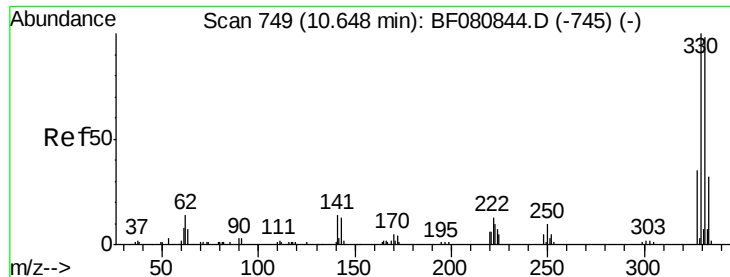


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

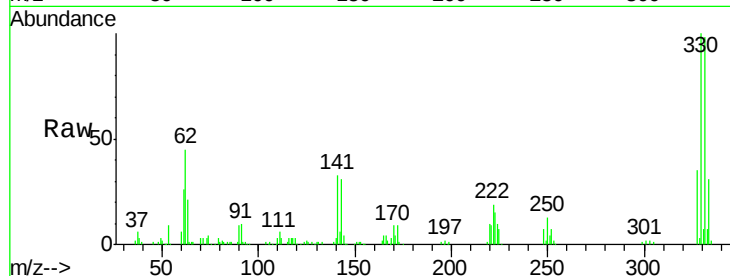




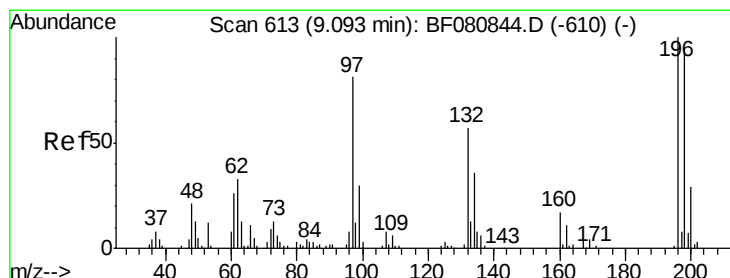
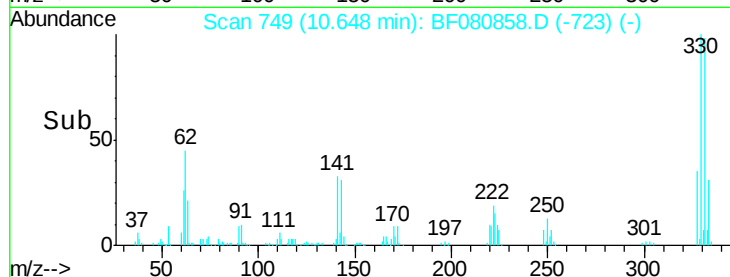
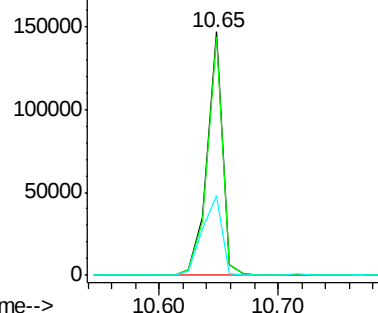
#41
 2,4,6-Tribromophenol
 Concen: 94.89 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.8
141	41.1	28.4	42.6

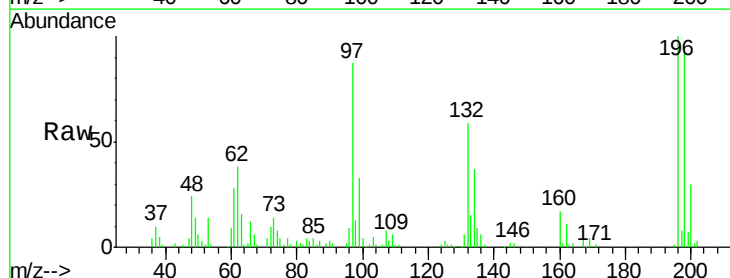


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

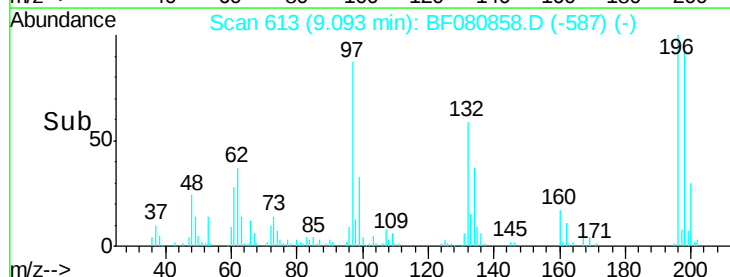
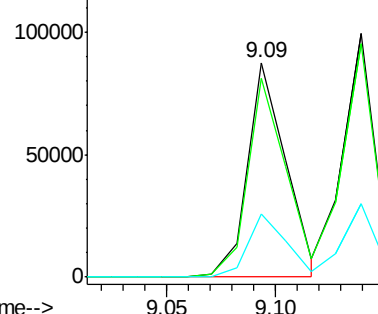


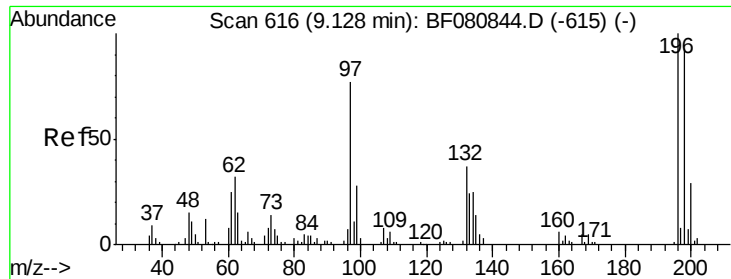
#42
 2,4,6-Trichlorophenol
 Concen: 32.29 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	76.4	114.6
200	29.6	23.1	34.7



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

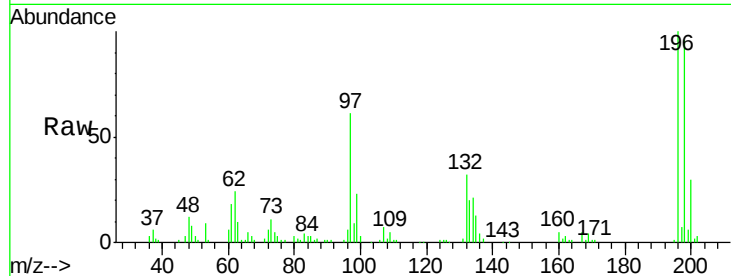




#43
 2,4,5-Trichlorophenol
 Concen: 31.91 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		107584		
198	95.9	74.2	111.4		
97	60.6	63.0	94.6		
132	31.7	30.0	45.0		



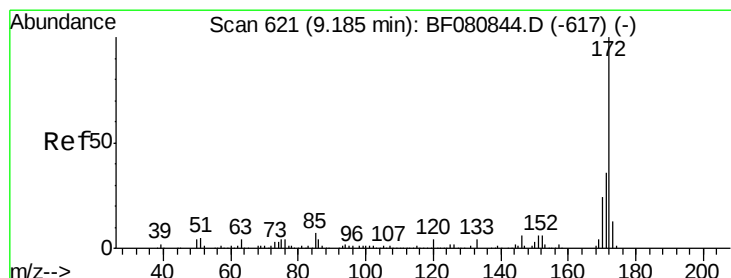
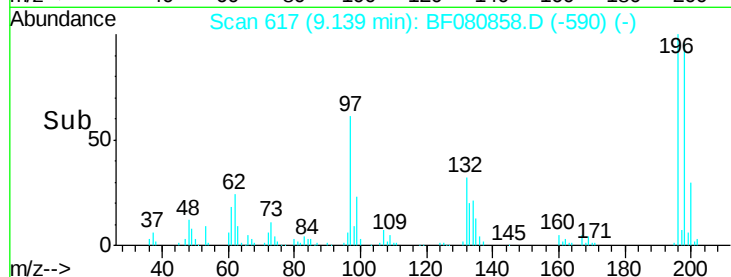
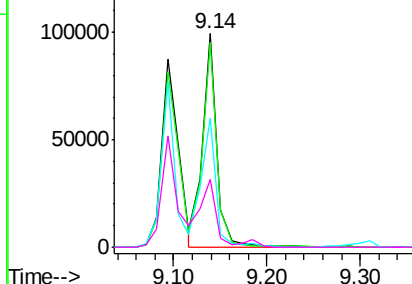
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

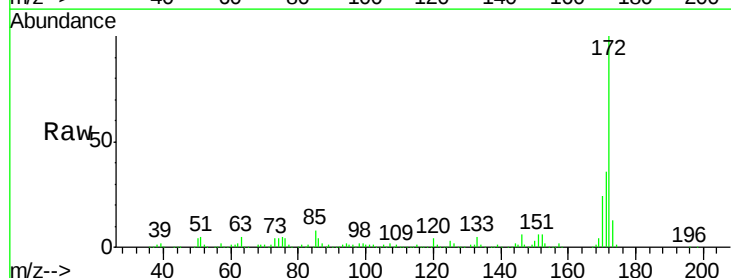
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 62.58 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		675451		
171	36.1	28.9	43.3		
170	24.4	19.4	29.2		

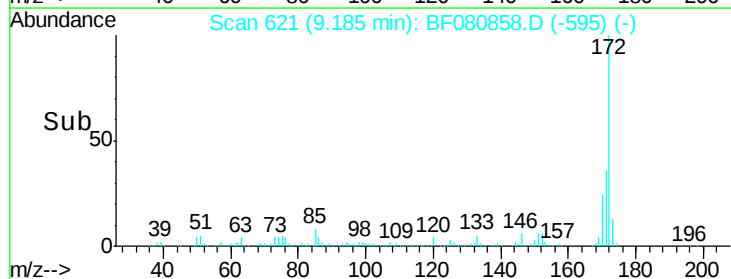
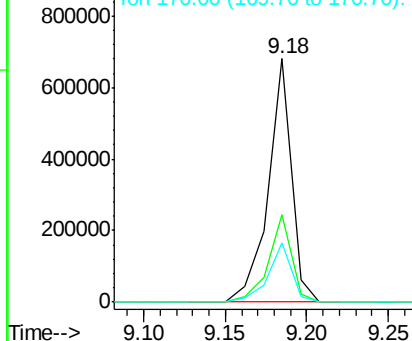


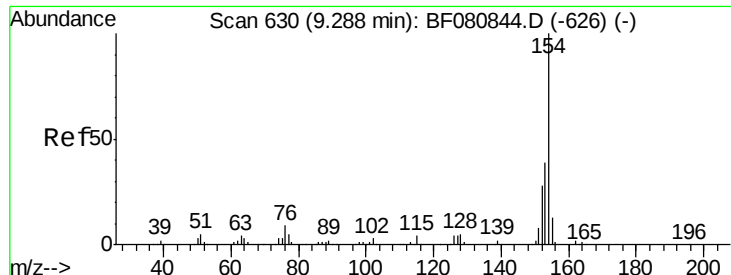
Abundance

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

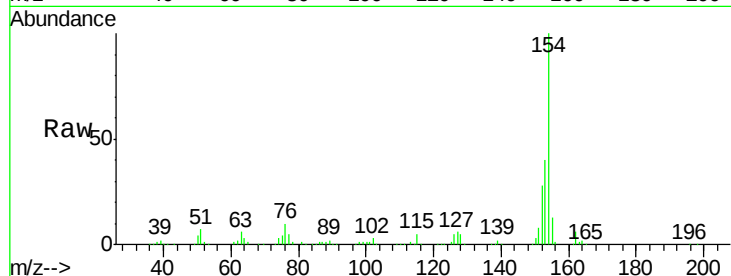




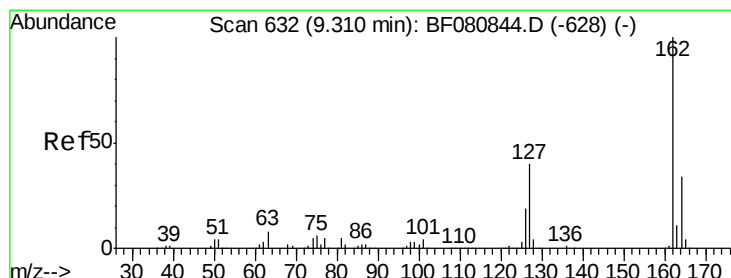
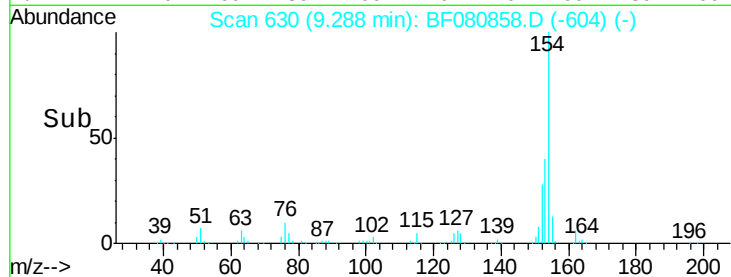
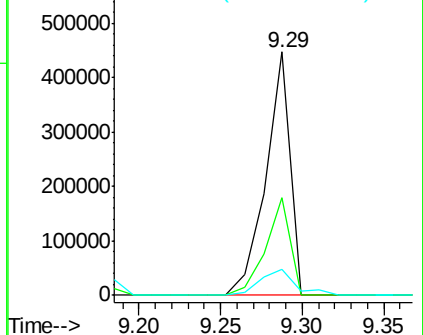
#45
 1,1'-Biphenyl
 Concen: 34.65 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.2	59.2
76	10.4	0.0	29.3

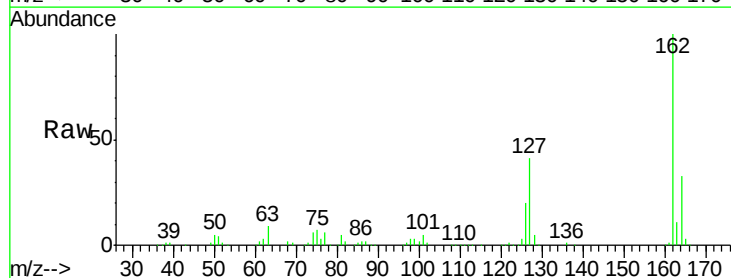


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

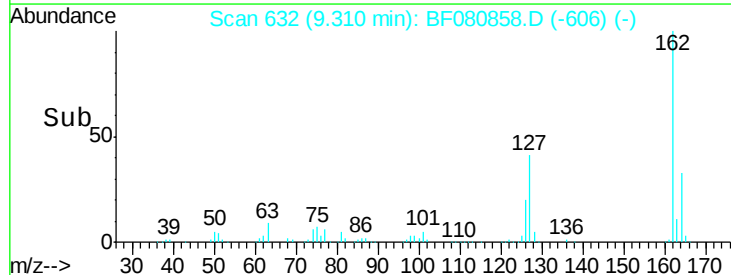
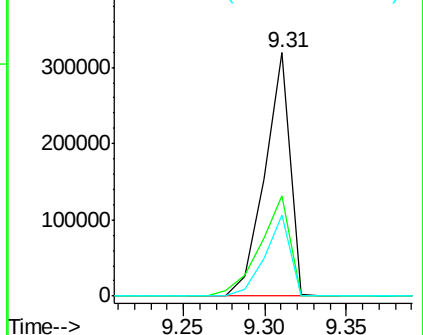


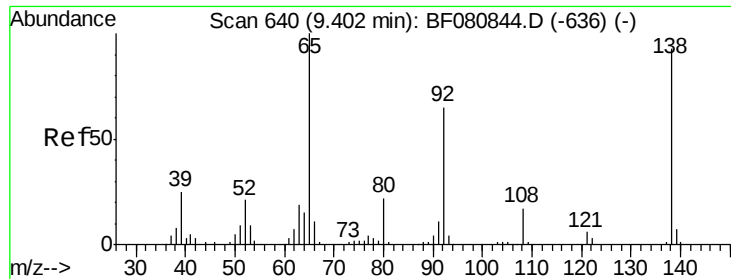
#46
 2-Chloronaphthalene
 Concen: 33.06 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	31.9	47.9
164	33.5	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

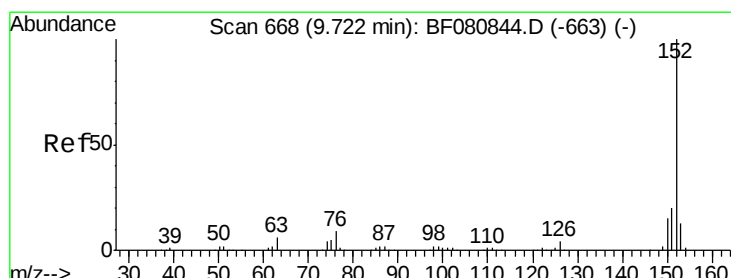
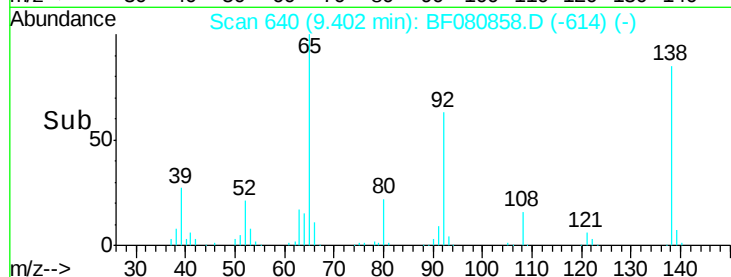
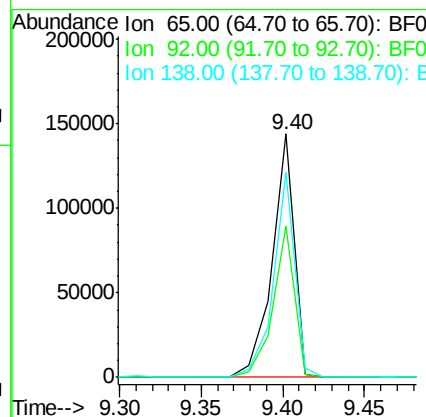
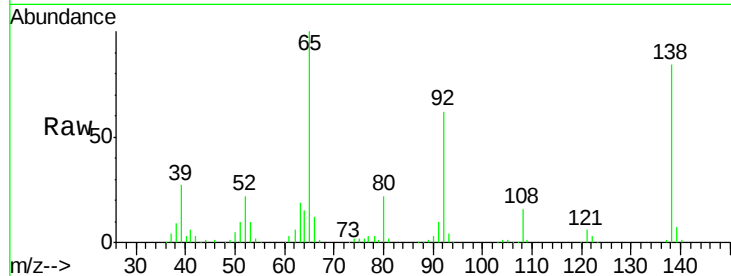




#47
2-Nitroaniline
Concen: 35.85 ng
RT: 9.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

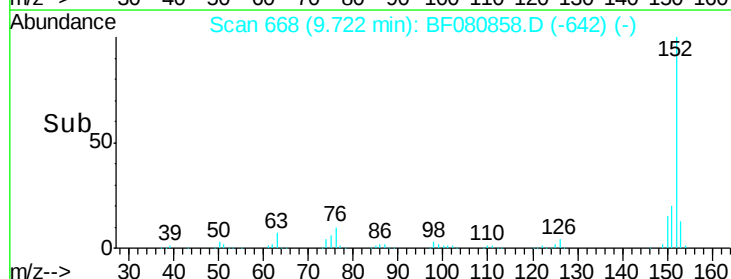
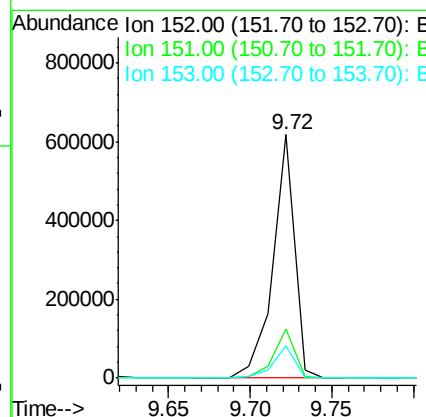
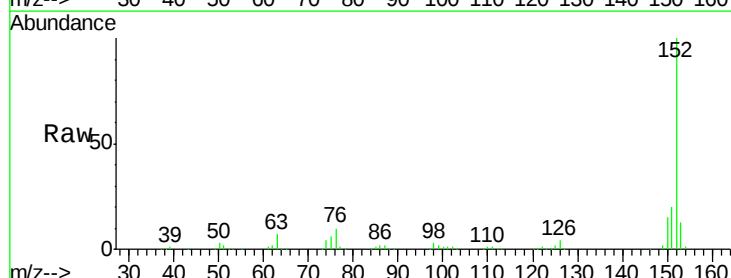
Instrument :
BNA_F
ClientSampleId :
PB84659BS

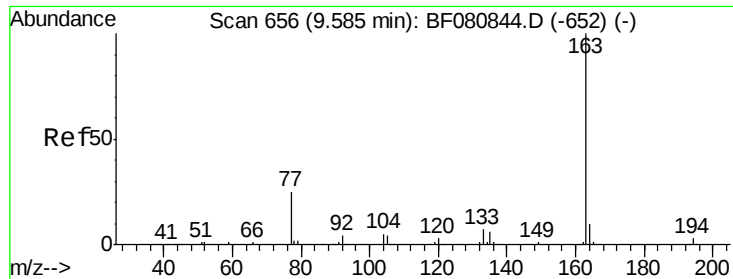
Tot Ion: 65 Resp: 136004
Ion Ratio Lower Upper
65 100
92 62.3 51.7 77.5
138 84.4 74.2 111.2



#48
Acenaphthylene
Concen: 33.38 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion: 152 Resp: 572307
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.5 10.6 15.8

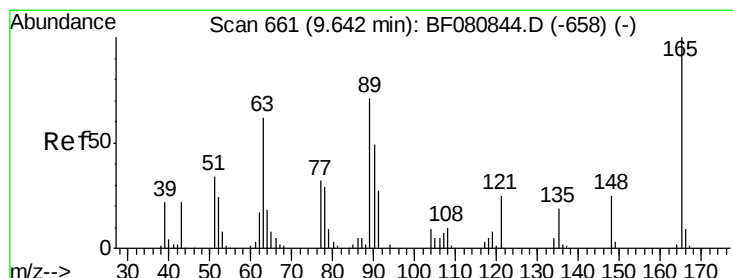
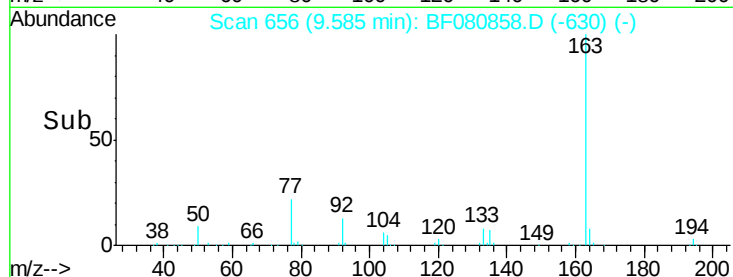
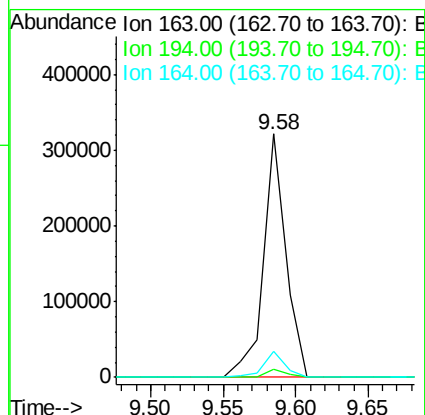
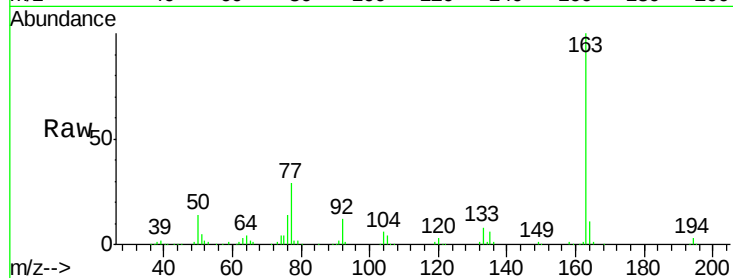




#49
Dimethylphthalate
Concen: 32.45 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

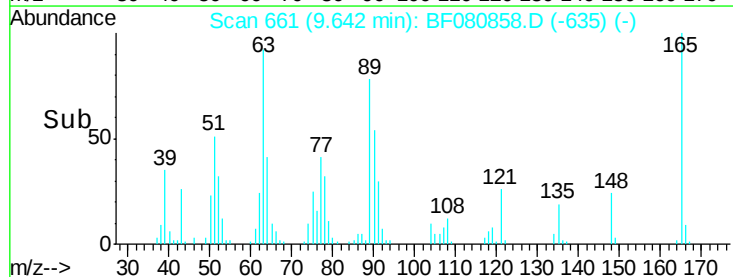
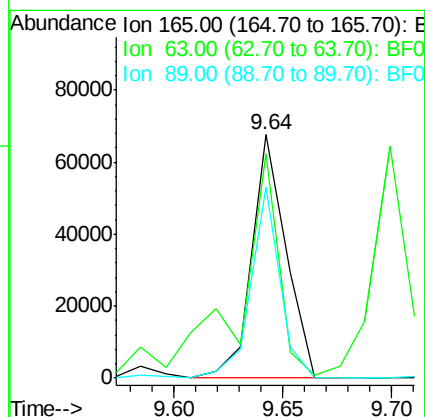
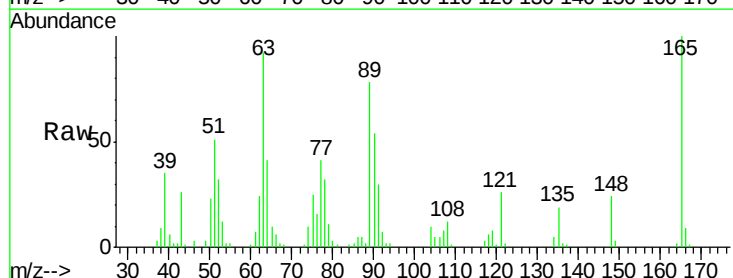
Instrument :
BNA_F
ClientSampleId :
PB84659BS

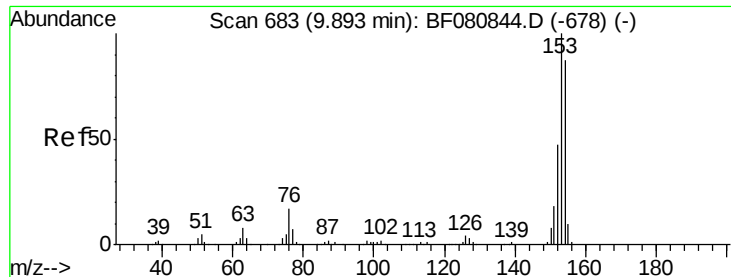
Tot Ion:163 Resp: 343917
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 33.20 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion:165 Resp: 73607
Ion Ratio Lower Upper
165 100
63 92.1 65.0 97.6
89 78.4 56.6 85.0





#51

Acenaphthene

Concen: 37.60 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

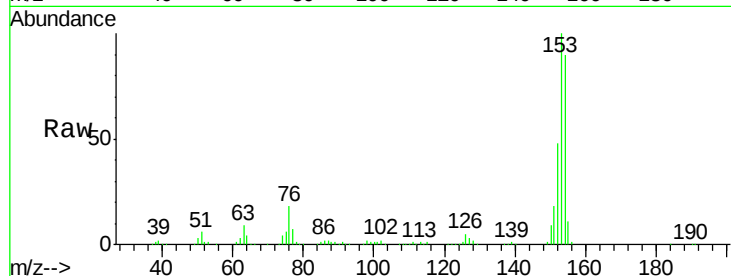
Tot Ion:154 Resp: 387606

Ion Ratio Lower Upper

154 100

153 111.6 91.8 137.6

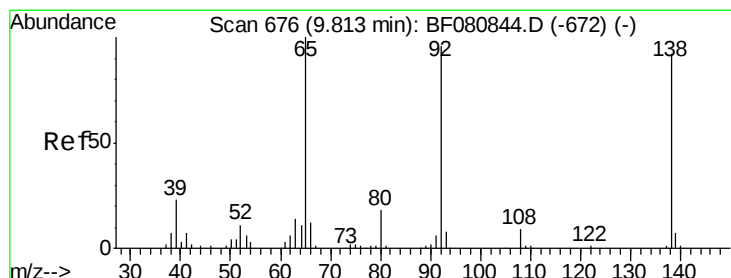
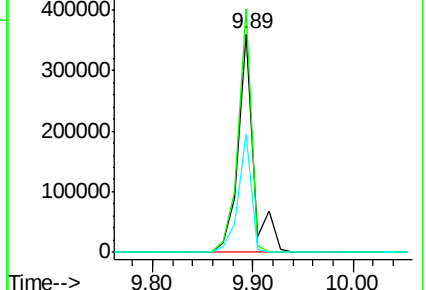
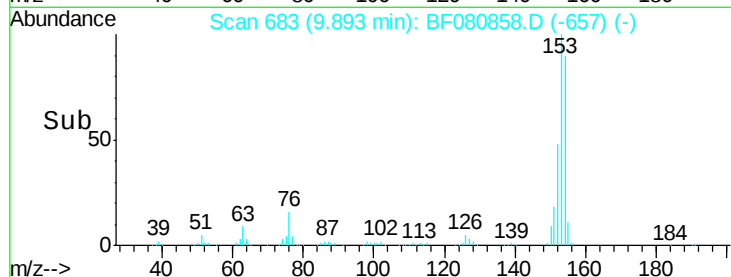
152 54.1 43.2 64.8



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: 20.30 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

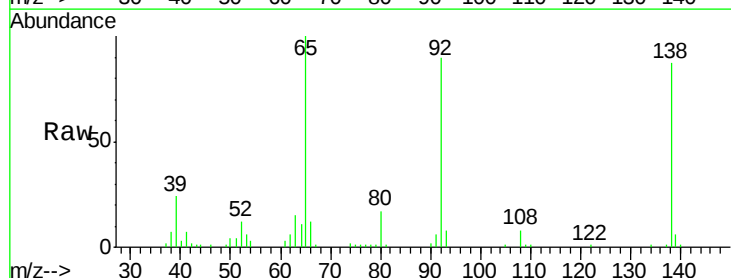
Tgt Ion:138 Resp: 55579

Ion Ratio Lower Upper

138 100

108 9.2 7.9 11.9

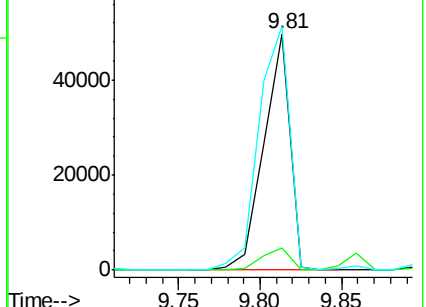
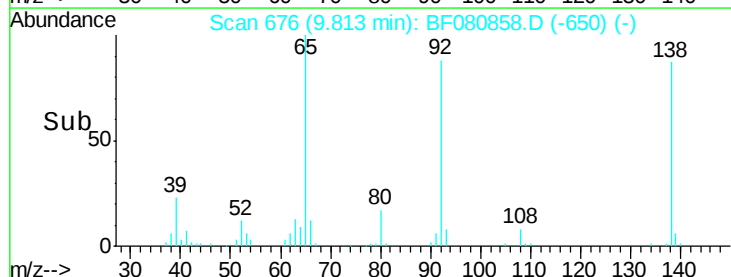
92 102.9 83.7 125.5

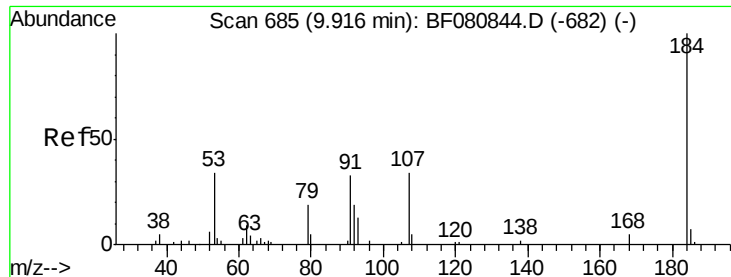


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

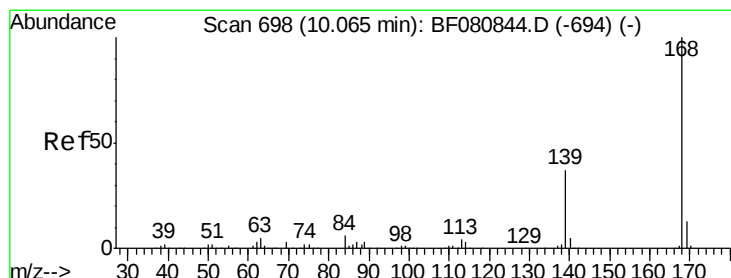
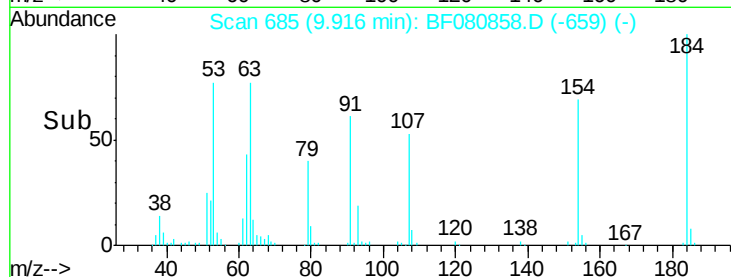
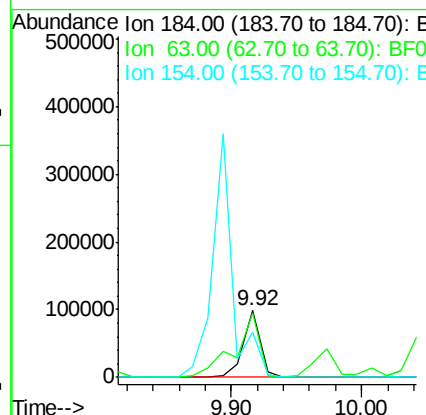
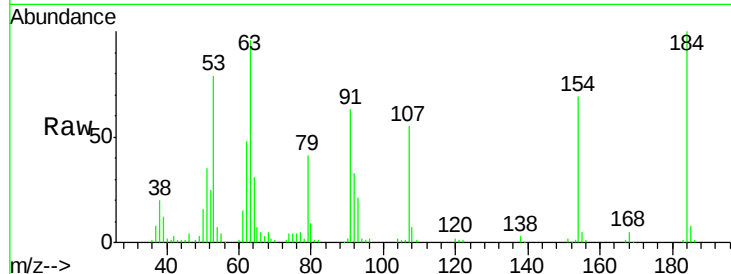




#53
 2,4-Dinitrophenol
 Concen: 61.45 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

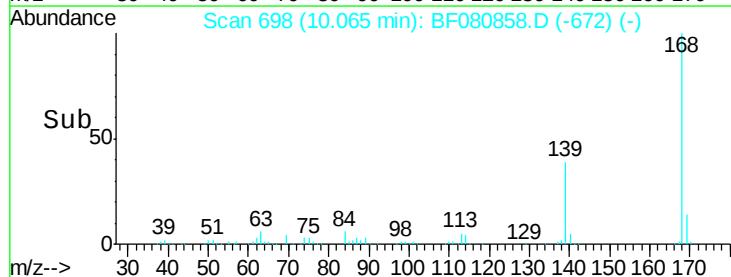
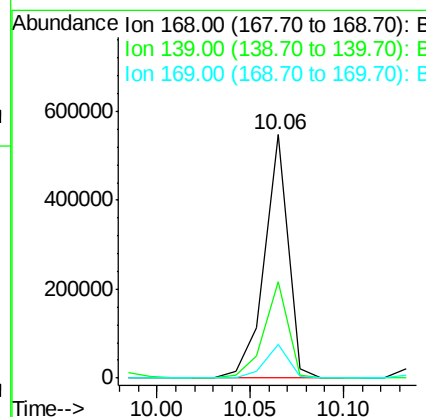
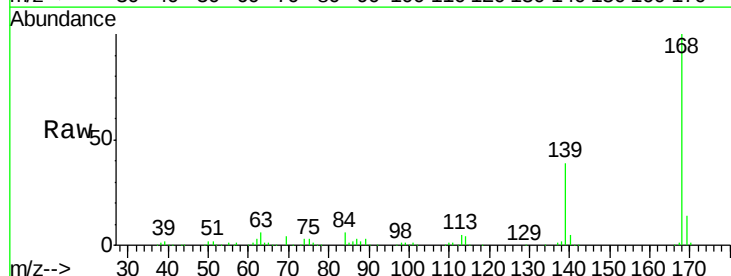
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

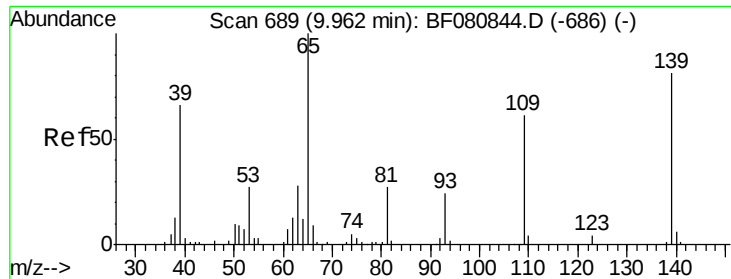
Tot Ion:184 Resp: 89550
 Ion Ratio Lower Upper
 184 100
 63 96.4 33.8 50.6#
 154 68.7 44.2 66.2#



#54
 Dibenzofuran
 Concen: 34.83 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion:168 Resp: 478713
 Ion Ratio Lower Upper
 168 100
 139 39.5 30.0 45.0
 169 13.7 10.6 16.0

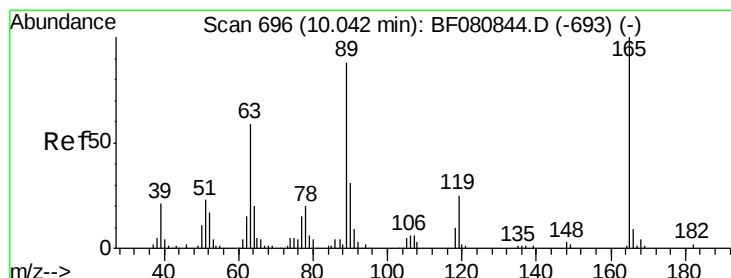
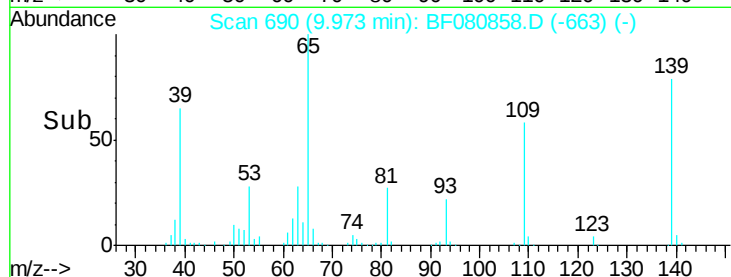
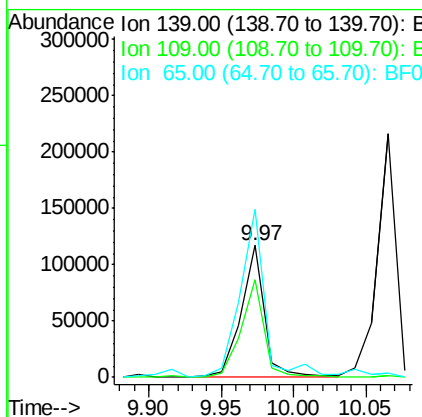
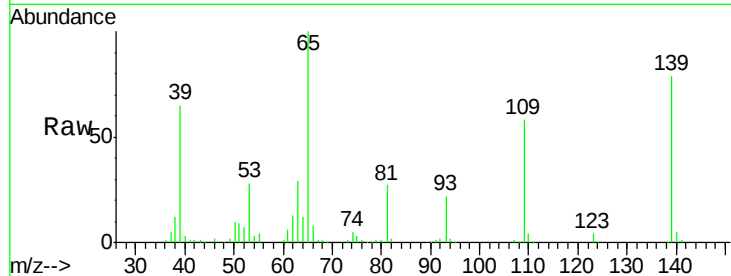




#55
4-Nitrophenol
Concen: 67.99 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

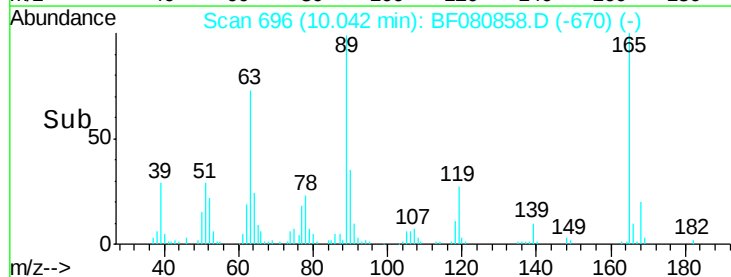
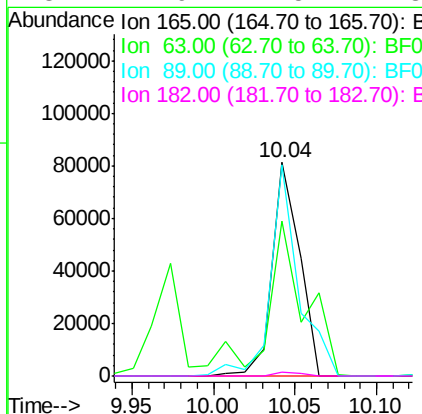
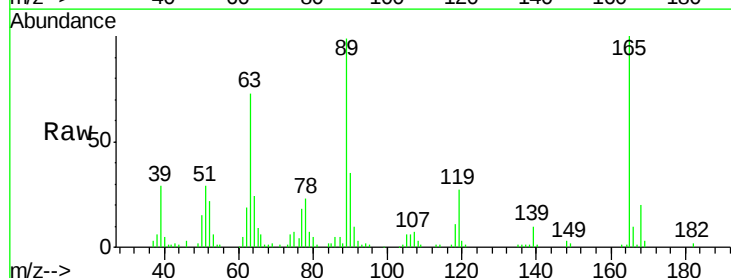
Instrument :
BNA_F
ClientSampleId :
PB84659BS

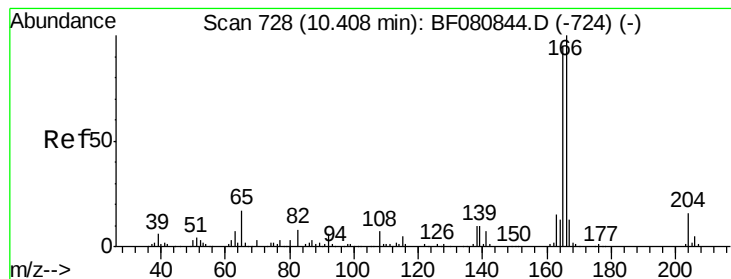
Tot Ion:139 Resp: 130979
Ion Ratio Lower Upper
139 100
109 74.5 54.4 94.4
65 127.3 103.0 143.0



#56
2,4-Dinitrotoluene
Concen: 33.95 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion:165 Resp: 95003
Ion Ratio Lower Upper
165 100
63 72.7 47.2 70.8#
89 98.9 70.2 105.2
182 1.9 1.5 2.3





#57

Fluorene

Concen: 34.87 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

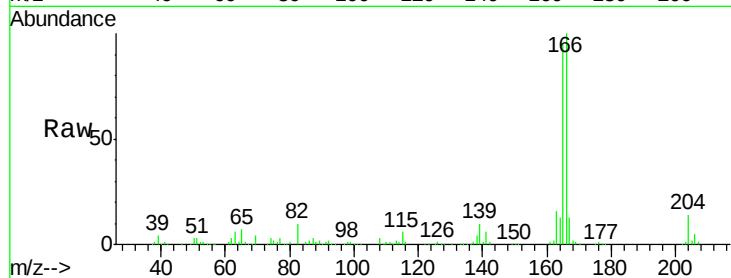
Tot Ion:166 Resp: 366028

Ion Ratio Lower Upper

166 100

165 95.2 76.2 114.2

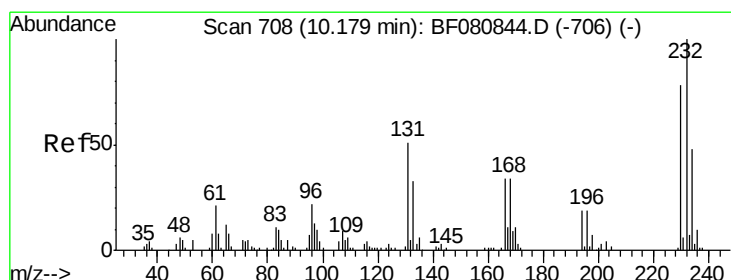
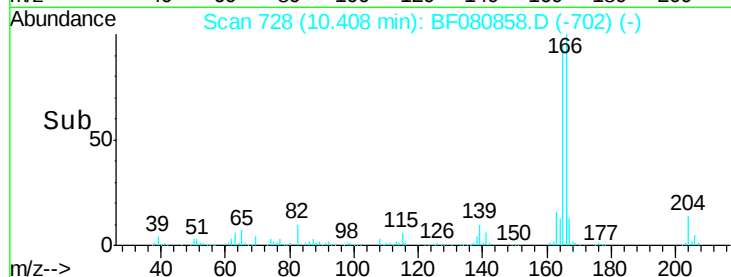
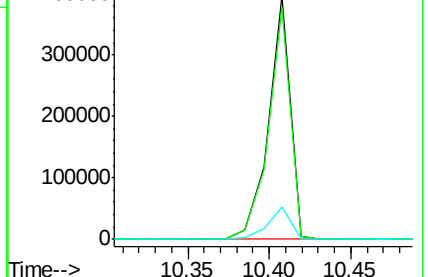
167 13.1 10.4 15.6



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: 35.26 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Tgt Ion:232 Resp: 85326

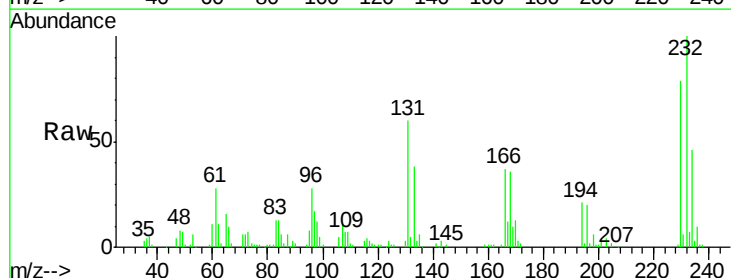
Ion Ratio Lower Upper

232 100

131 55.5 43.7 65.5

130 2.3 1.9 2.9

166 33.6 26.9 40.3

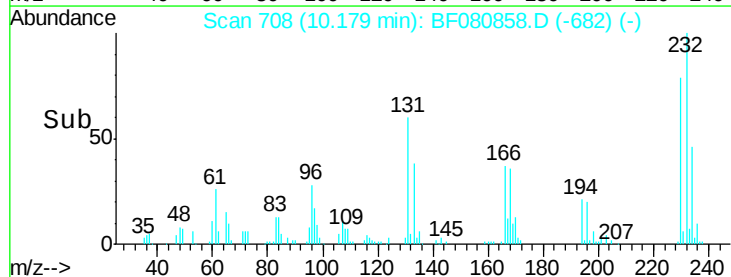
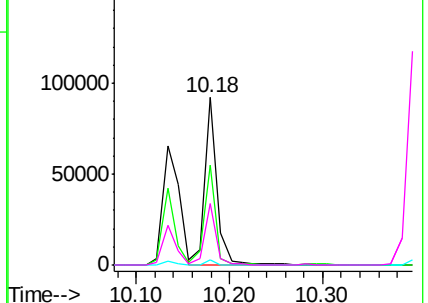


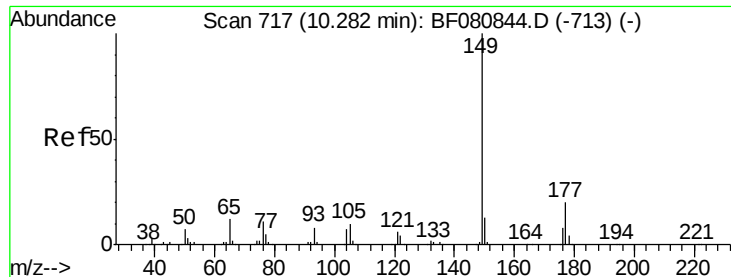
Abundance Ion 232.00 (231.70 to 232.70): E

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

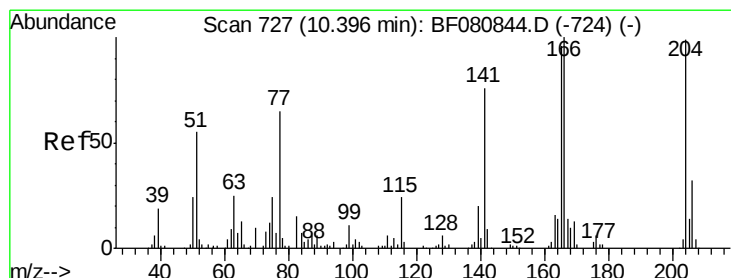
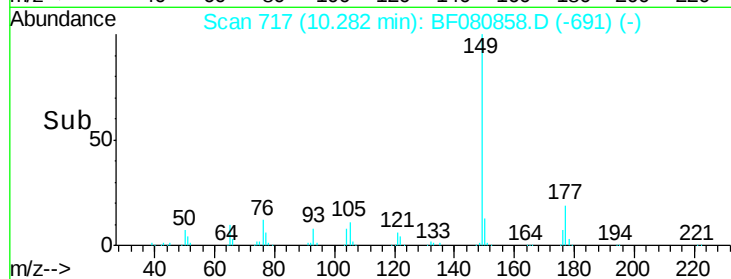
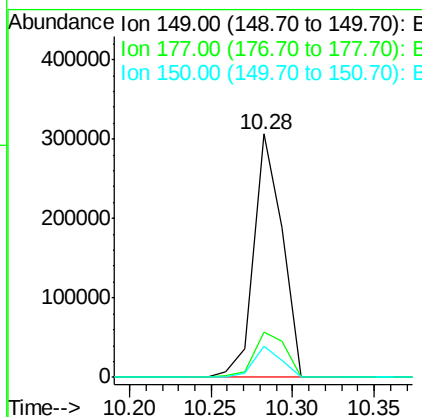
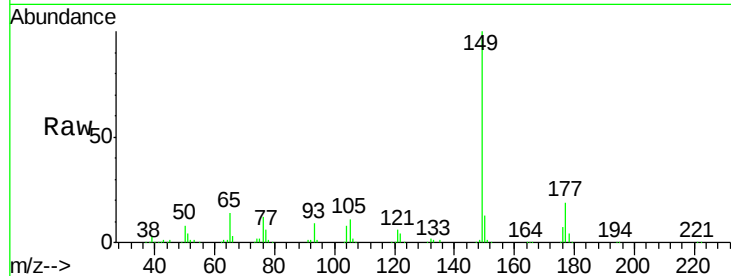




#59
Diethylphthalate
Concen: 35.33 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

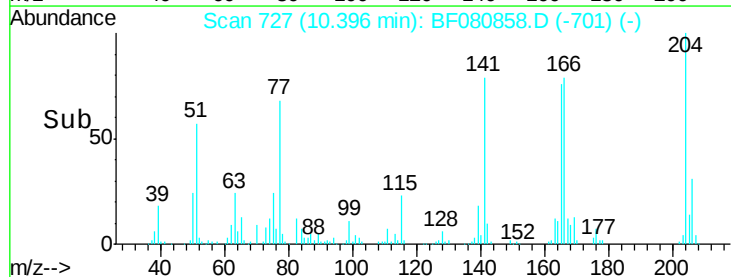
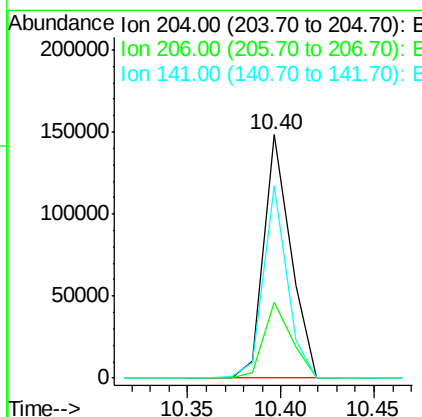
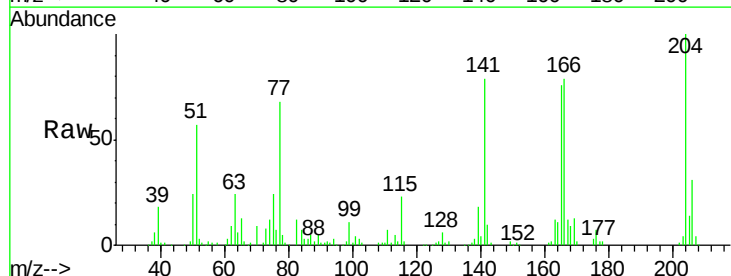
Instrument :
BNA_F
ClientSampleId :
PB84659BS

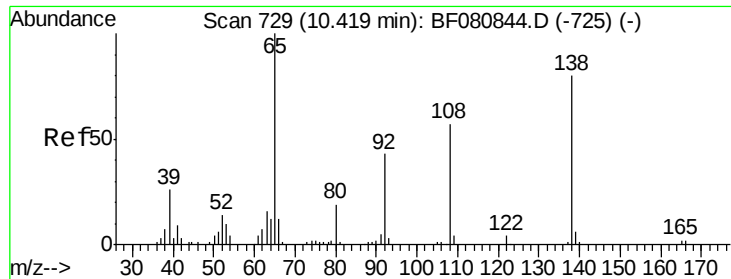
Tot Ion	Ratio	Lower	Upper
149	100		
177	18.6	15.8	23.8
150	12.5	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 34.07 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	25.8	38.8
141	78.9	61.4	92.2

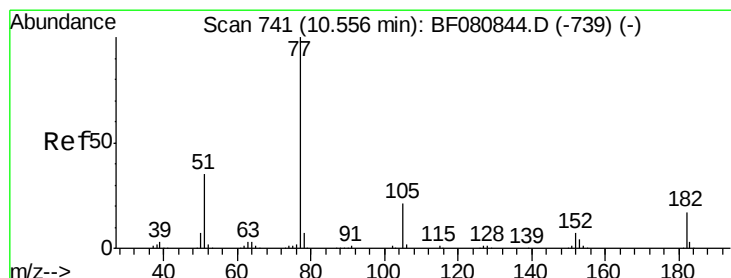
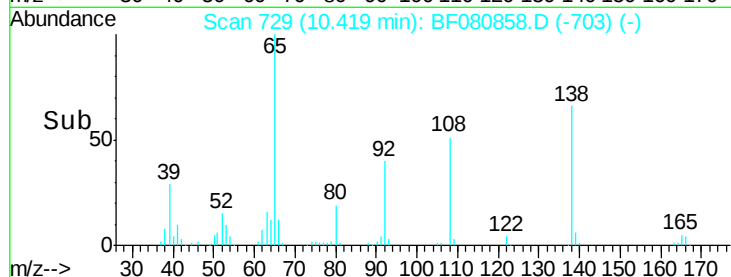
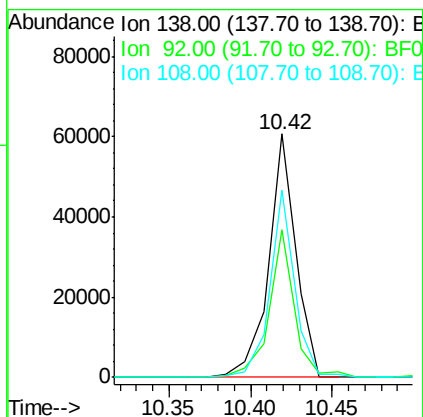
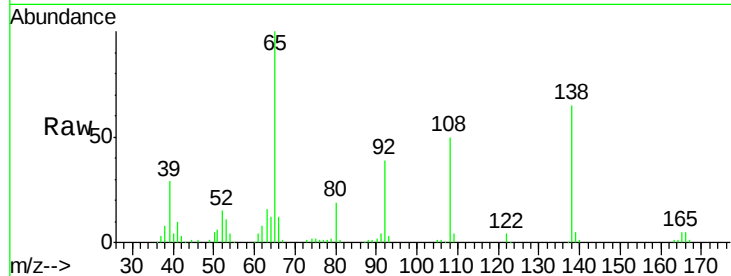




#61
4-Nitroaniline
Concen: 28.79 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

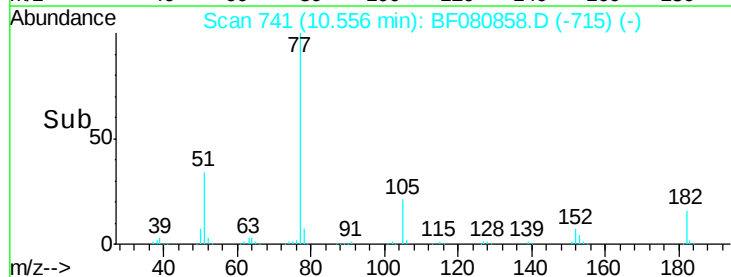
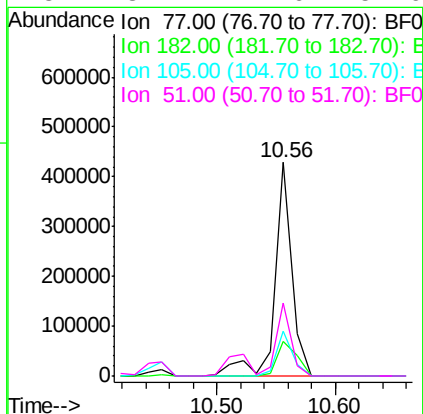
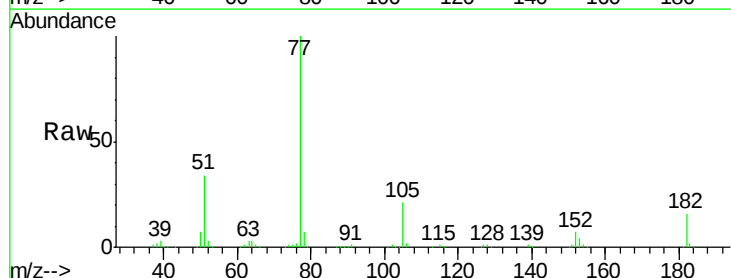
Instrument :
BNA_F
ClientSampleId :
PB84659BS

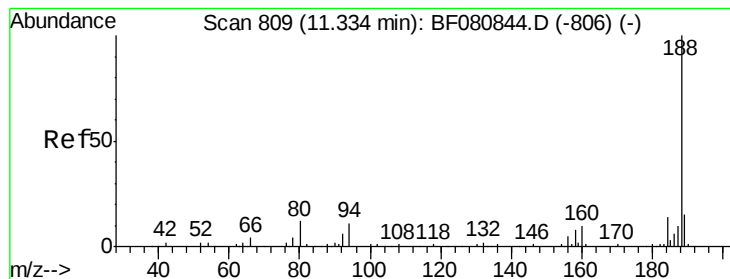
Tot Ion:138 Resp: 70362
Ion Ratio Lower Upper
138 100
92 60.4 33.5 73.5
108 77.0 52.3 92.3



#62
Azobenzene
Concen: 34.93 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion: 77 Resp: 428710
Ion Ratio Lower Upper
77 100
182 16.1 0.0 37.0
105 21.0 1.3 41.3
51 34.4 14.6 54.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

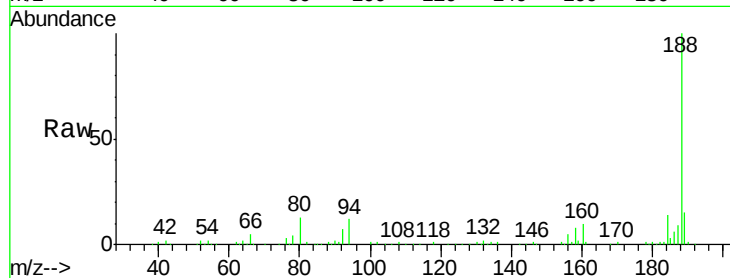
Tot Ion:188 Resp: 241275

Ion Ratio Lower Upper

188 100

94 12.1 8.6 12.8

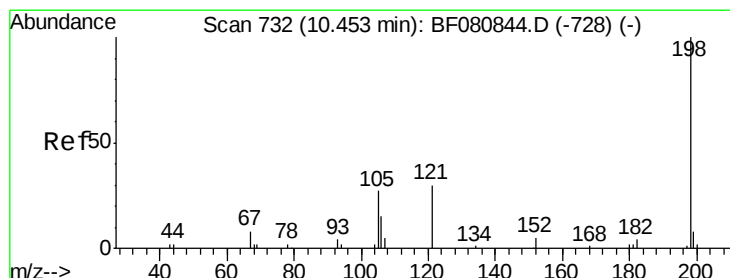
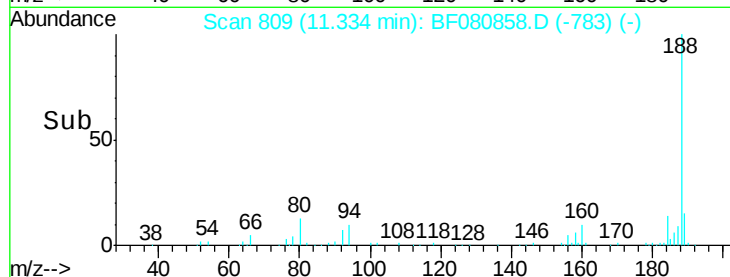
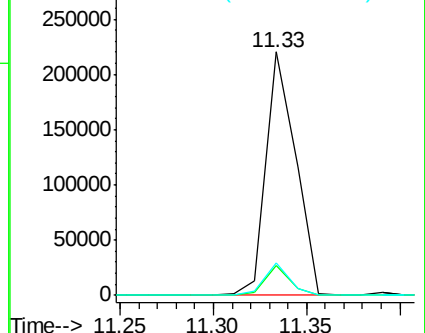
80 13.1 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.93 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

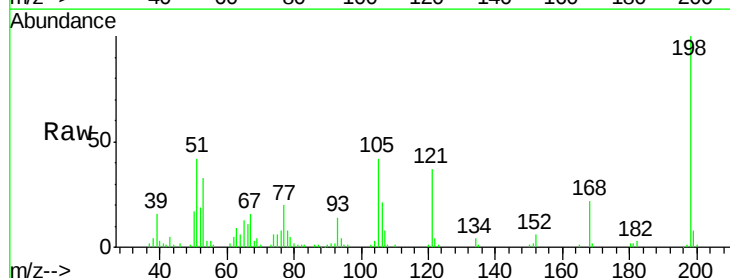
Tgt Ion:198 Resp: 60430

Ion Ratio Lower Upper

198 100

51 41.7 4.7 44.7

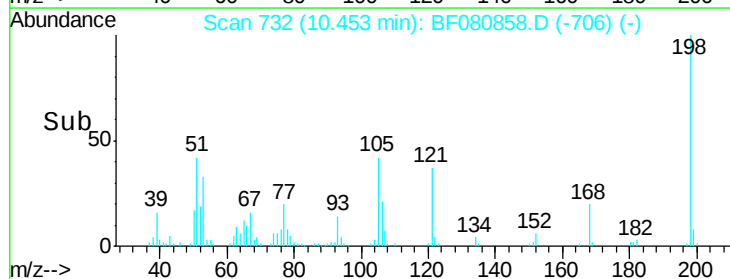
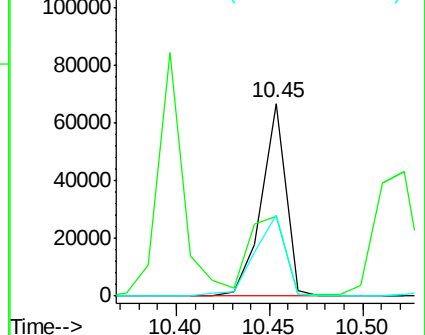
105 41.8 8.5 48.5

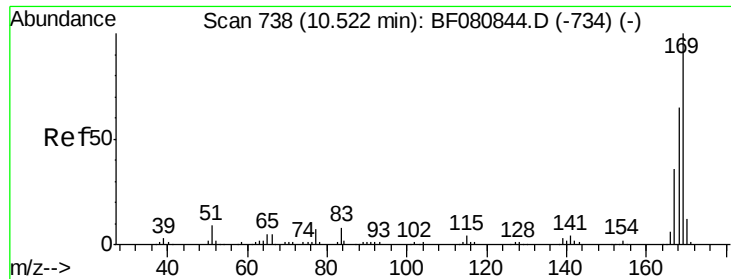


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

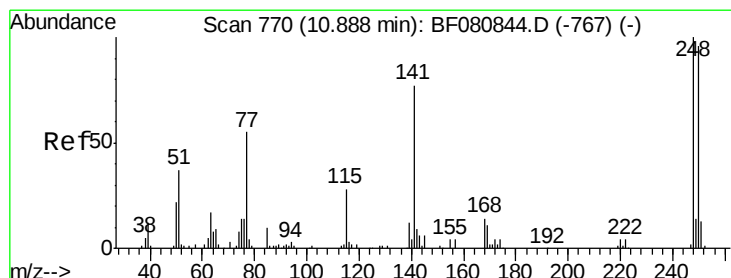
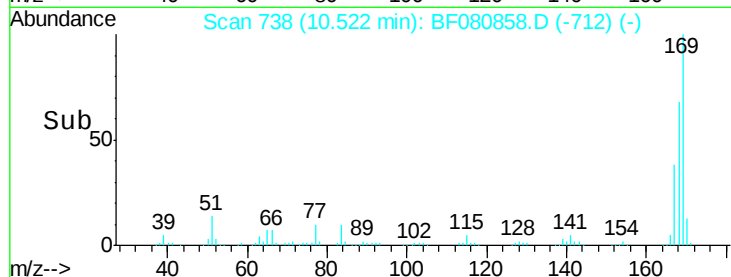
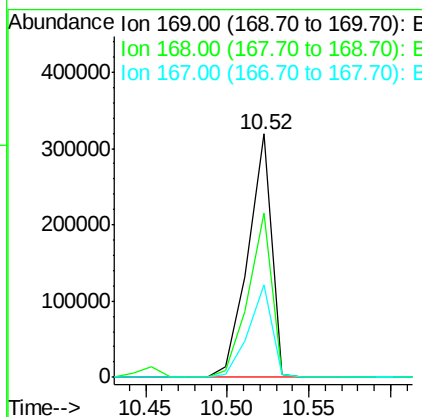
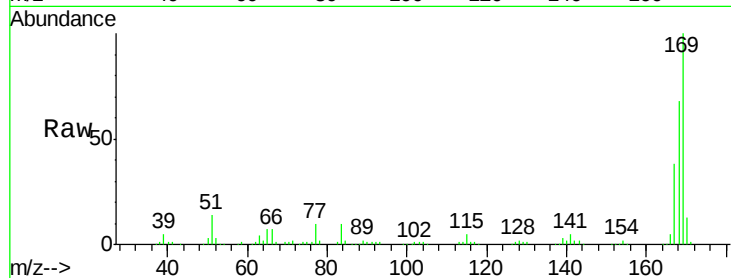




#65
 n-Nitrosodiphenylamine
 Concen: 34.75 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

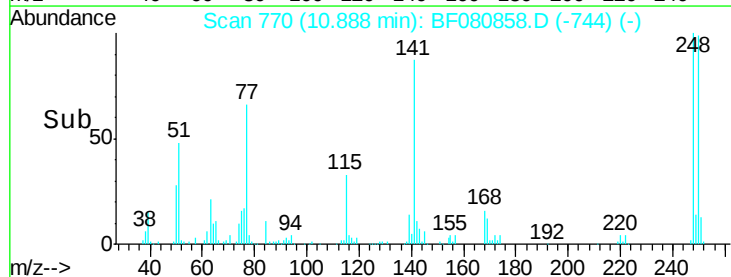
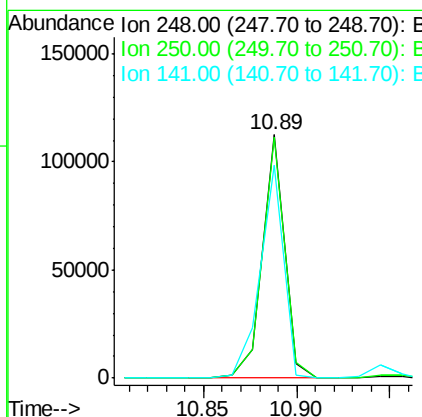
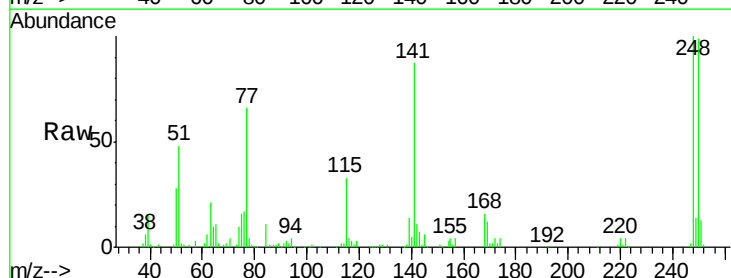
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

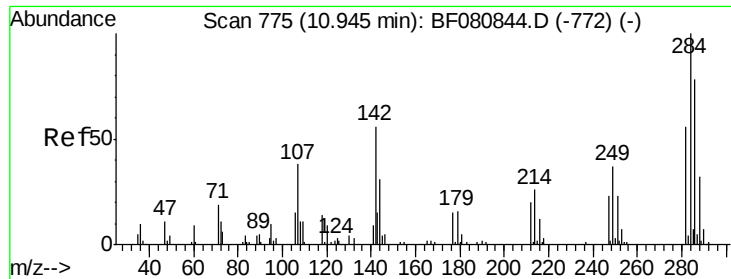
Tot Ion:169 Resp: 321187
 Ion Ratio Lower Upper
 169 100
 168 67.7 52.2 78.4
 167 37.8 29.2 43.8



#66
 4-Bromophenyl-phenylether
 Concen: 34.43 ng
 RT: 10.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion:248 Resp: 91937
 Ion Ratio Lower Upper
 248 100
 250 99.2 77.2 115.8
 141 87.4 61.4 92.0

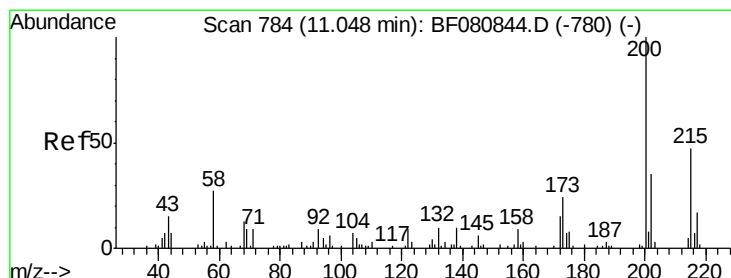
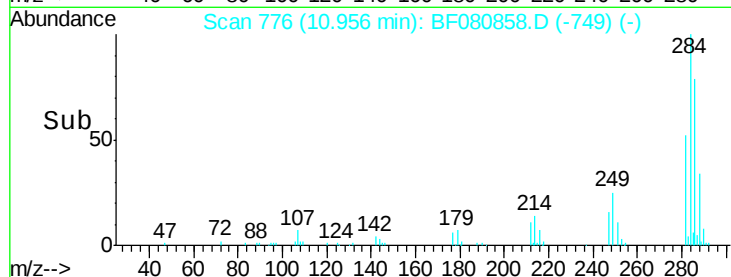
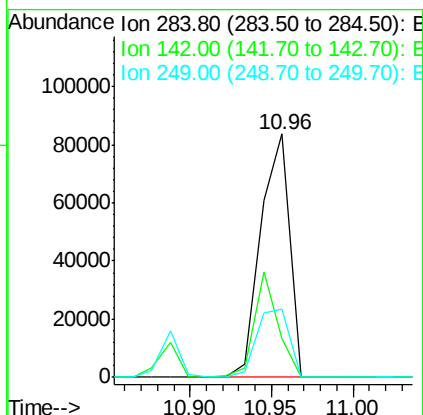
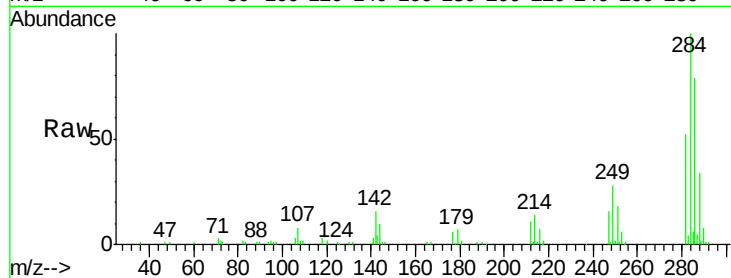




#67
Hexachlorobenzene
Concen: 35.26 ng
RT: 10.96 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

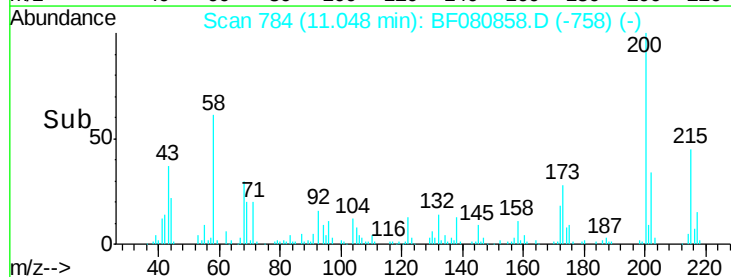
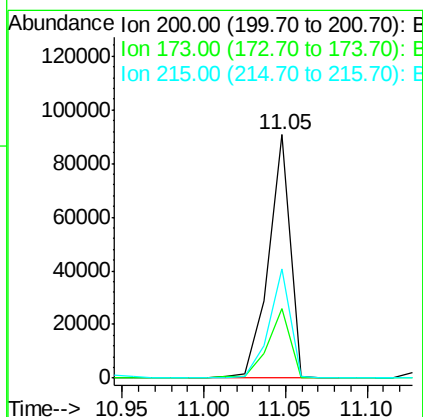
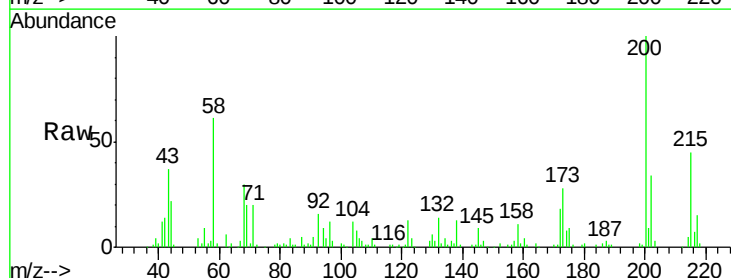
Instrument :
BNA_F
ClientSampled :
PB84659BS

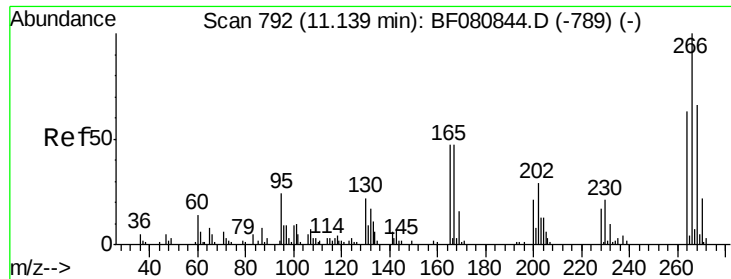
Tot Ion	Ratio	Lower	Upper
284	100		
142	15.7	44.4	66.6#
249	28.2	29.3	43.9#



#68
Atrazine
Concen: 34.80 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.4	4.8	44.8
215	44.7	27.1	67.1

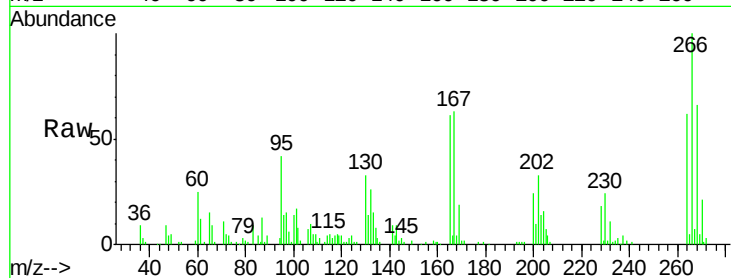




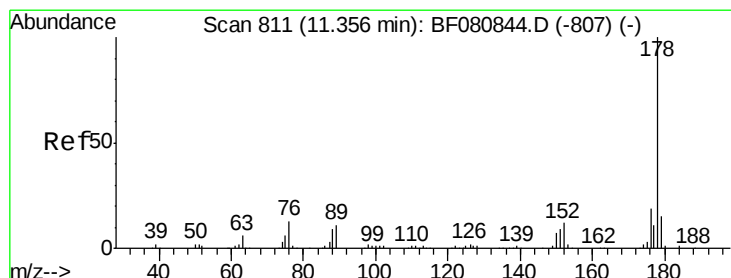
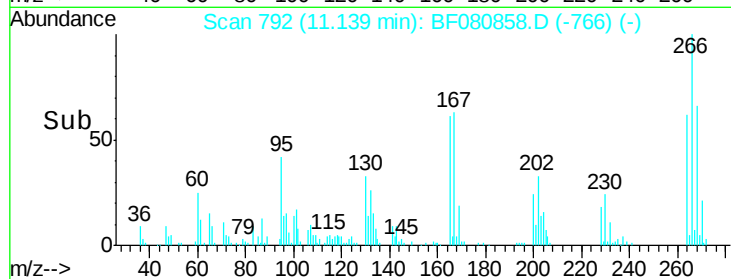
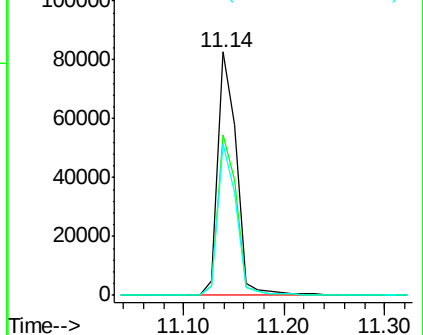
#69
 Pentachlorophenol
 Concen: 67.21 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion:266 Resp: 106821
 Ion Ratio Lower Upper
 266 100
 268 65.7 52.6 78.8
 264 62.2 50.7 76.1

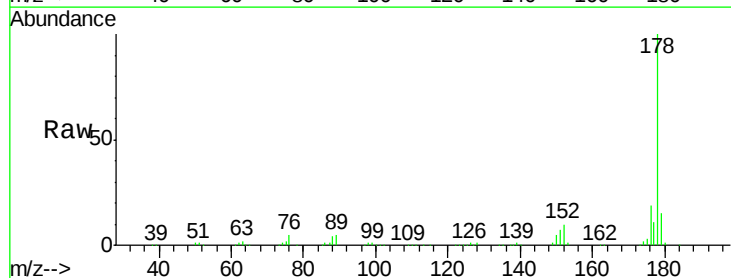


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

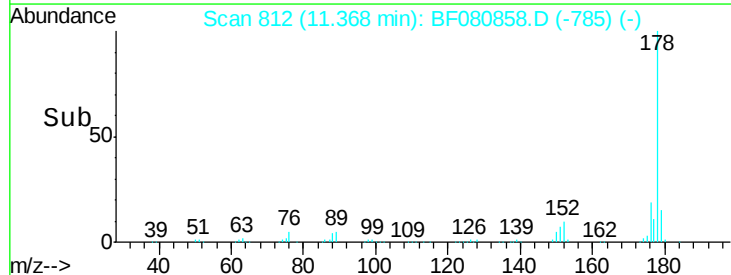
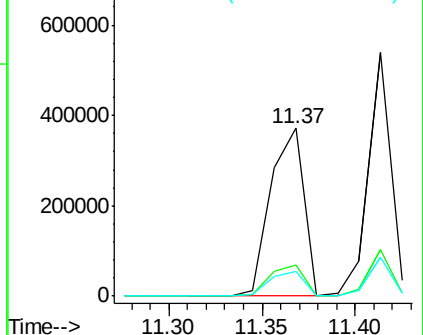


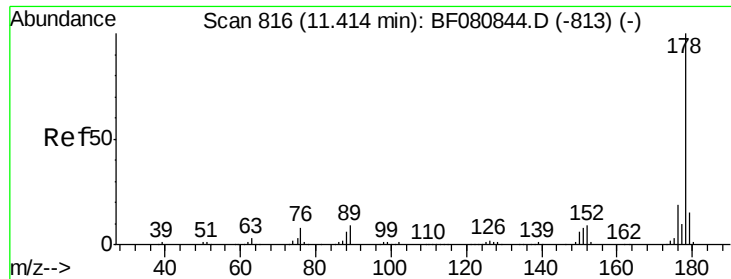
#70
 Phenanthrene
 Concen: 33.36 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion:178 Resp: 465125
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.3 22.9
 179 14.5 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

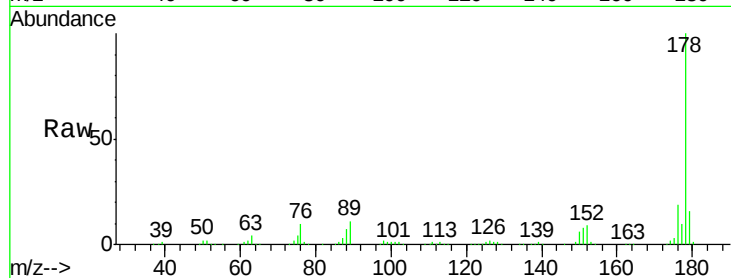




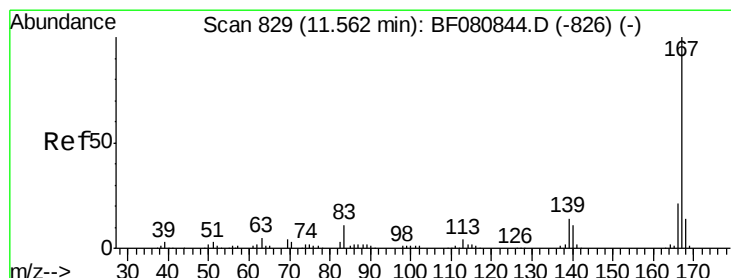
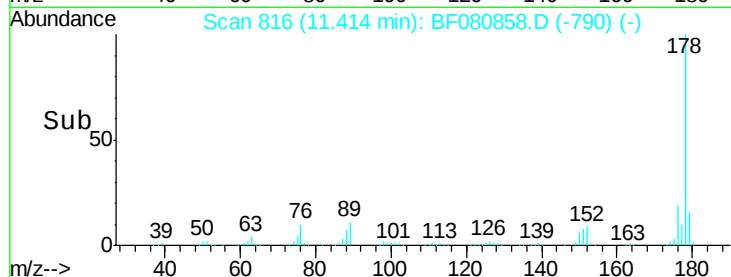
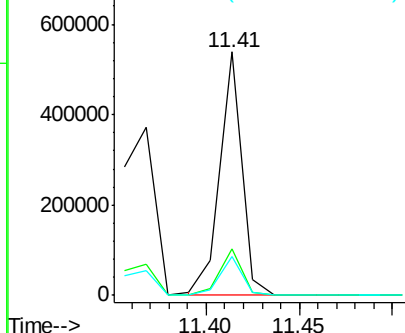
#71
 Anthracene
 Concen: 33.14 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion:178 Resp: 448848
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.7 12.2 18.4

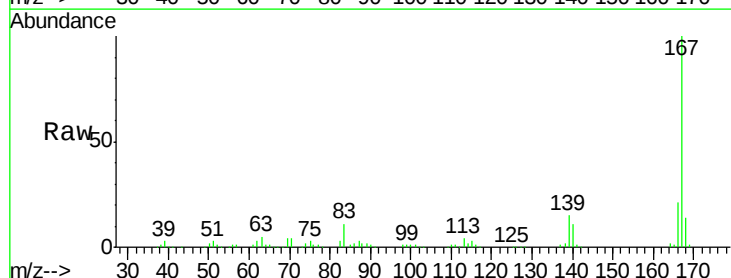


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

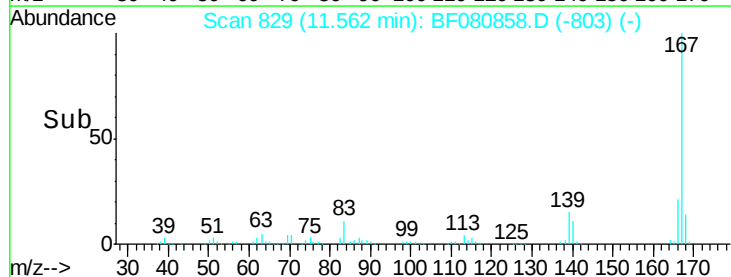
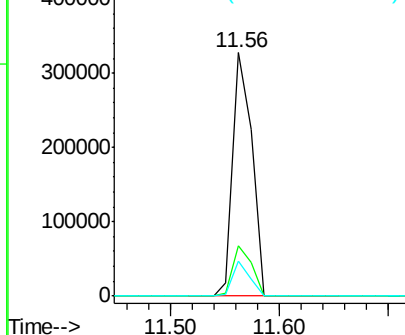


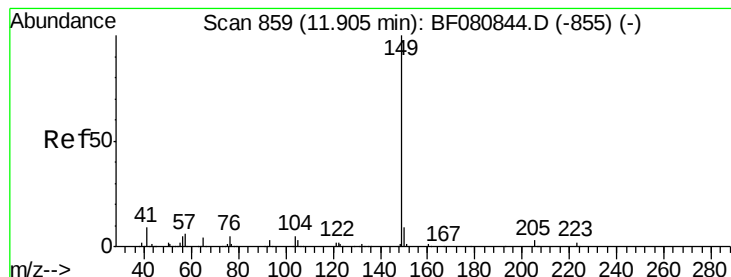
#72
 Carbazole
 Concen: 30.74 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion:167 Resp: 392741
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.6 25.0
 139 14.6 11.3 16.9



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





#73

Di-n-butylphthalate

Concen: 35.15 ng

RT: 11.91 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

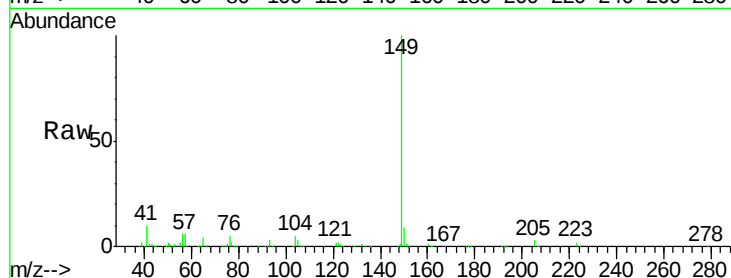
Tot Ion:149 Resp: 531787

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

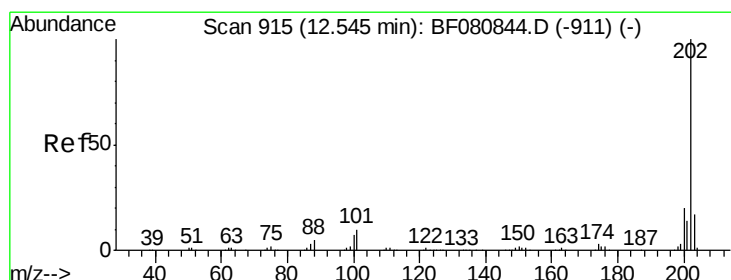
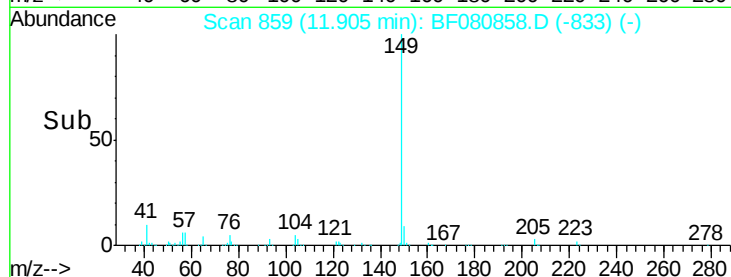
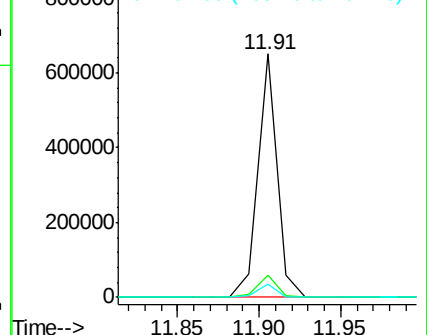
104 5.2 3.9 5.9



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: 33.29 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

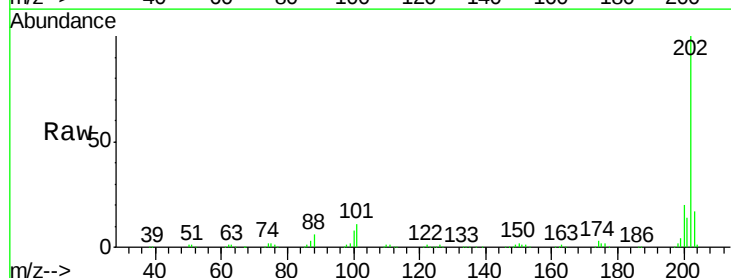
Tgt Ion:202 Resp: 451971

Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.9

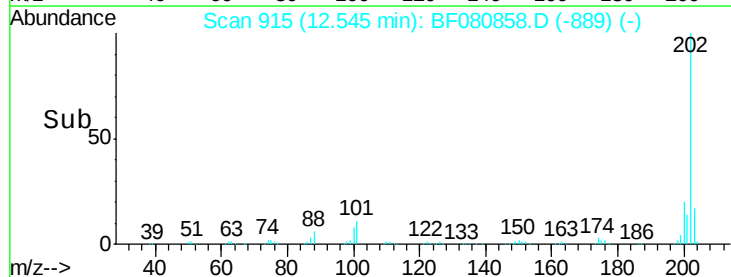
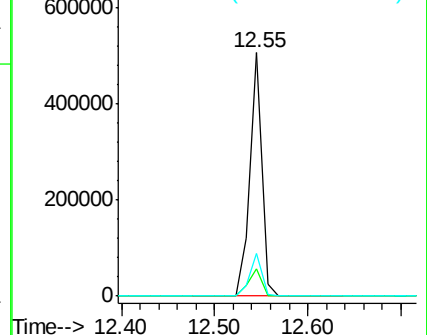
203 17.4 0.0 37.4

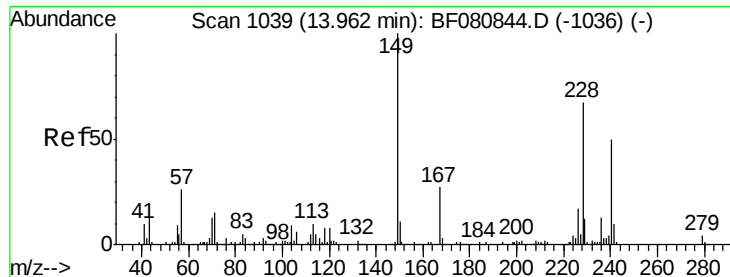


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

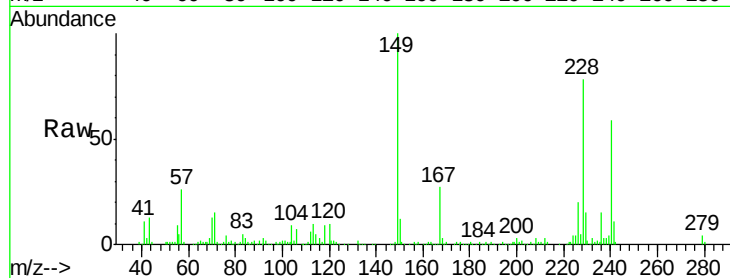
Tot Ion:240 Resp: 133133

Ion Ratio Lower Upper

240 100

120 17.4 13.0 19.6

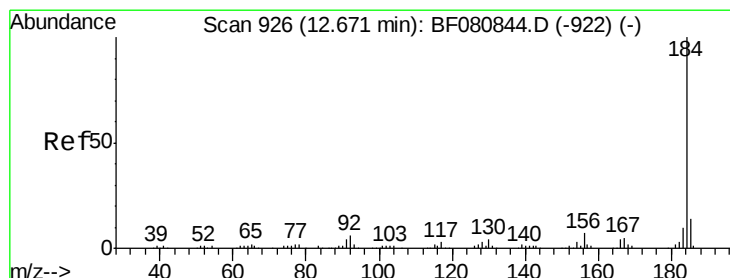
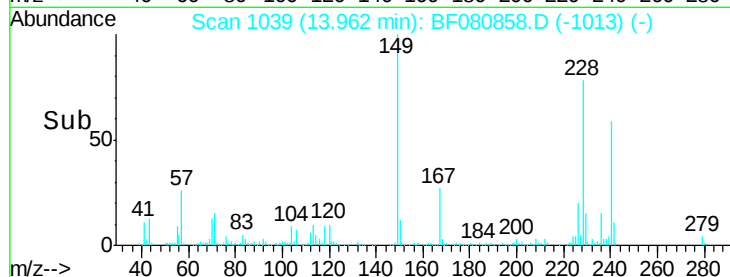
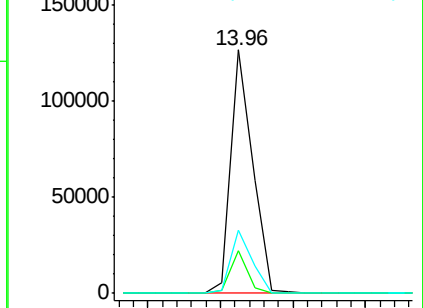
236 25.7 20.7 31.1



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: 18.19 ng

RT: 12.67 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

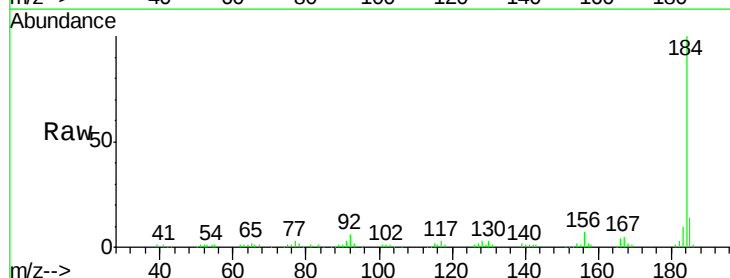
Tgt Ion:184 Resp: 117228

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.2

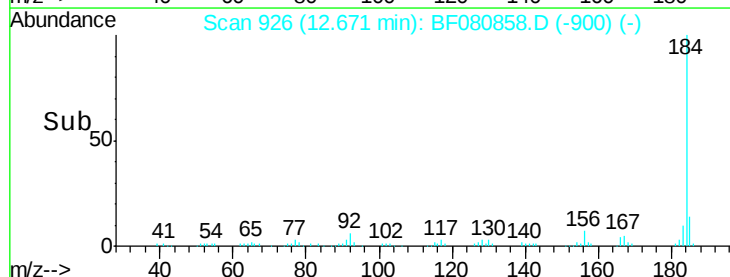
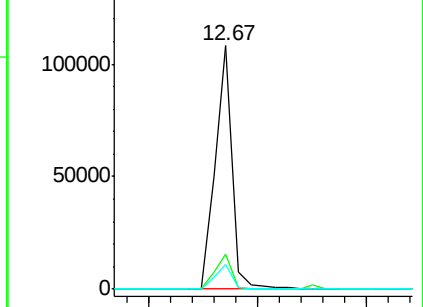
183 10.4 8.4 12.6

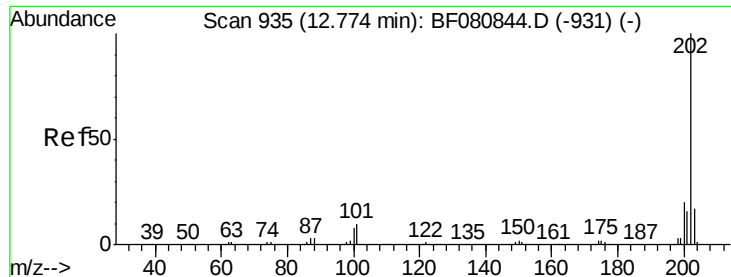


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

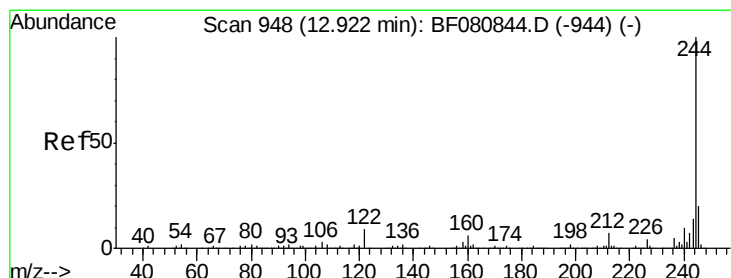
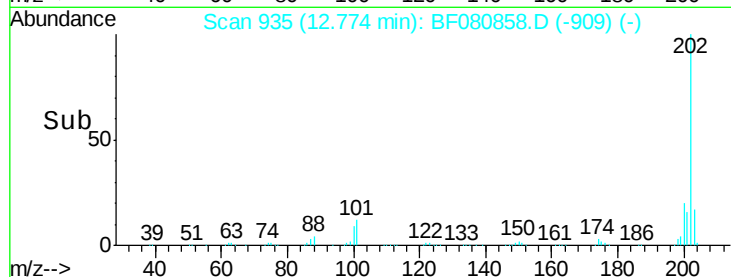
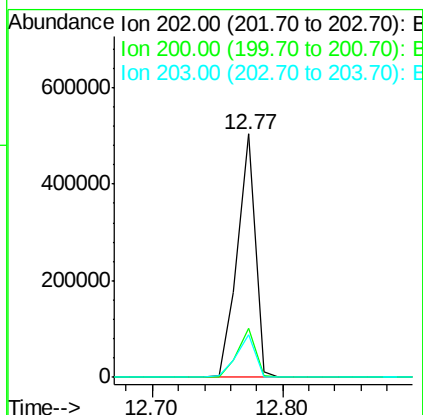
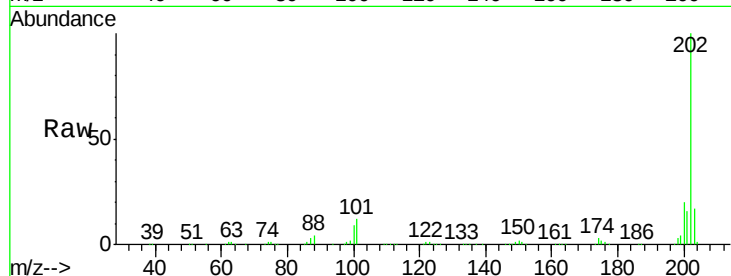




#77
 Pvrene
 Concen: 40.07 ng
 RT: 12.77 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

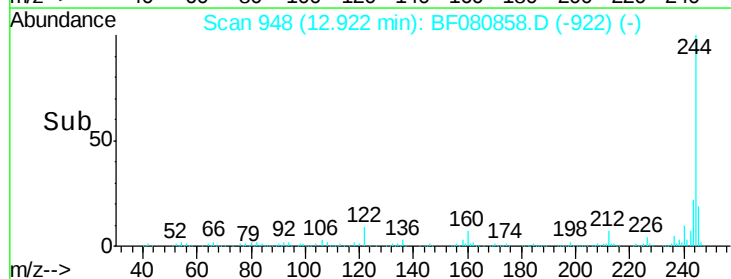
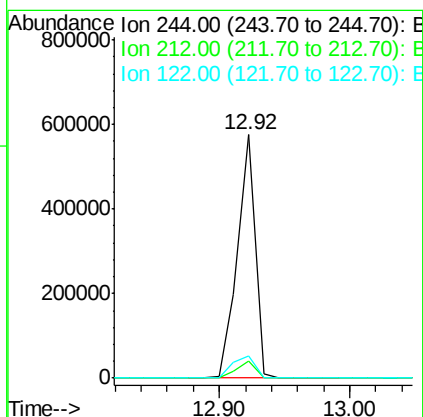
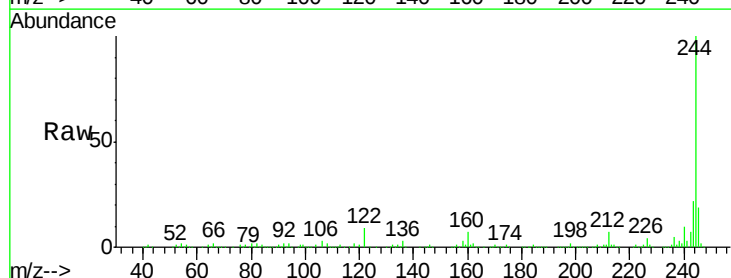
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

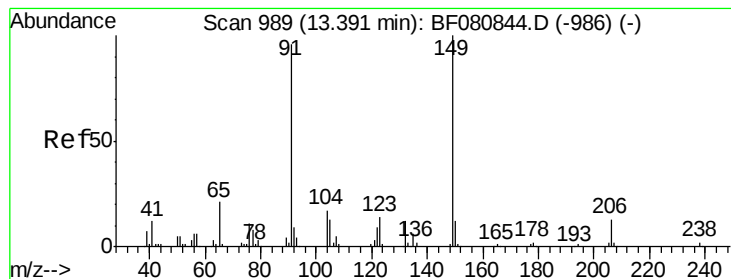
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.1	24.1
203	17.4	13.6	20.4



#78
 Terphenyl-d14
 Concen: 73.89 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.3	7.1	10.7





#79

Butylbenzylphthalate

Concen: 40.39 ng

RT: 13.40 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

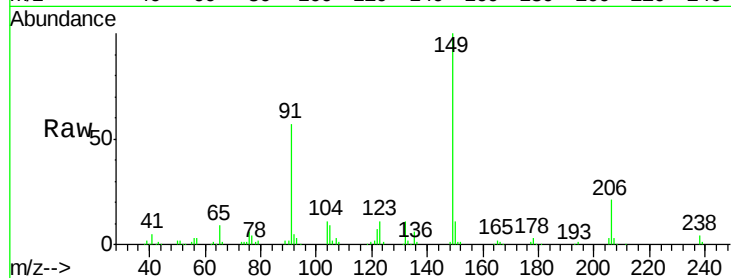
Tot Ion:149 Resp: 197262

Ion Ratio Lower Upper

149 100

91 56.5 76.4 114.6#

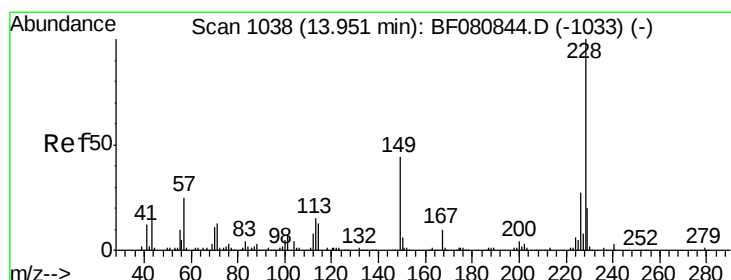
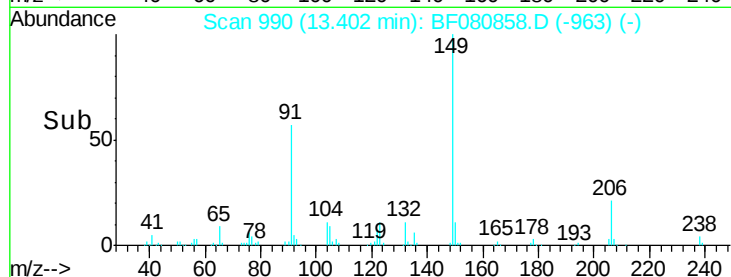
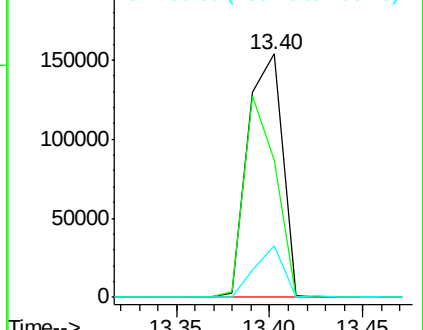
206 21.2 10.7 16.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.31 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

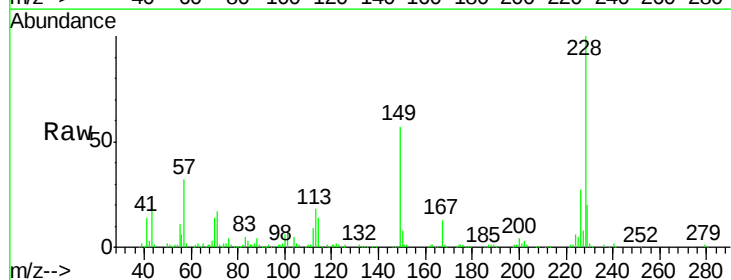
Tgt Ion:228 Resp: 305568

Ion Ratio Lower Upper

228 100

226 27.4 21.5 32.3

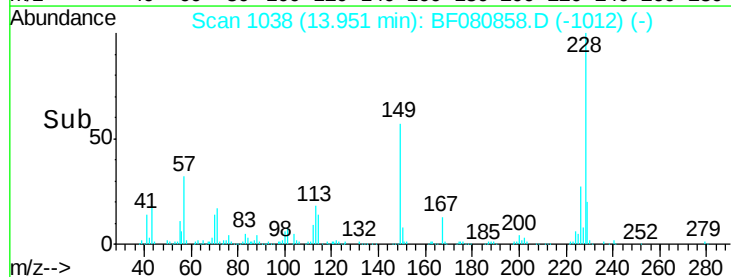
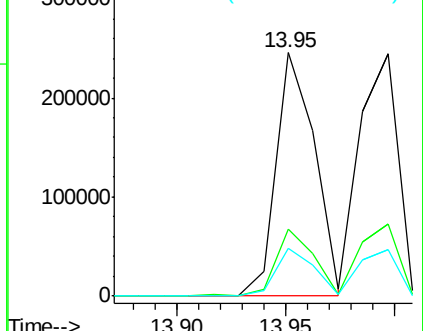
229 19.8 16.2 24.2

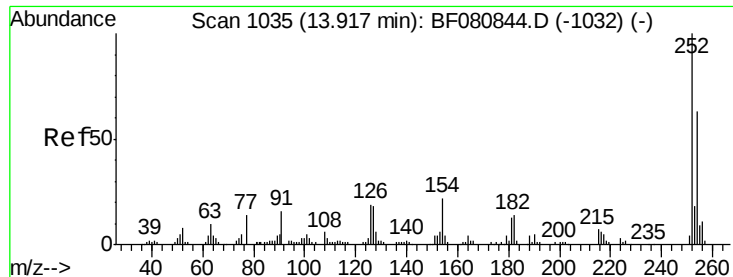


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

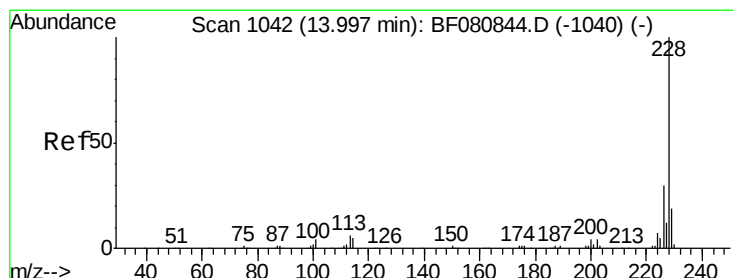
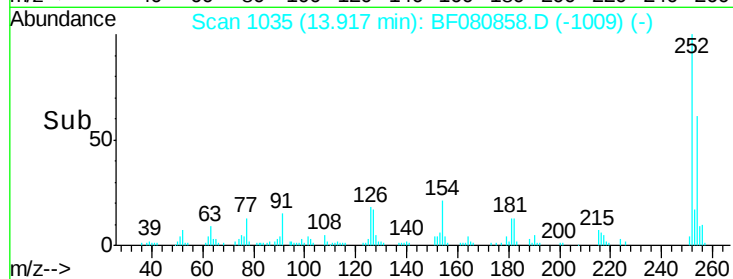
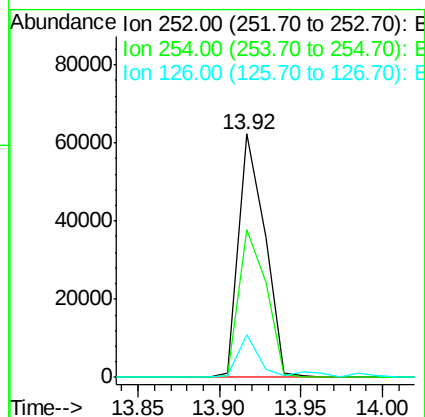
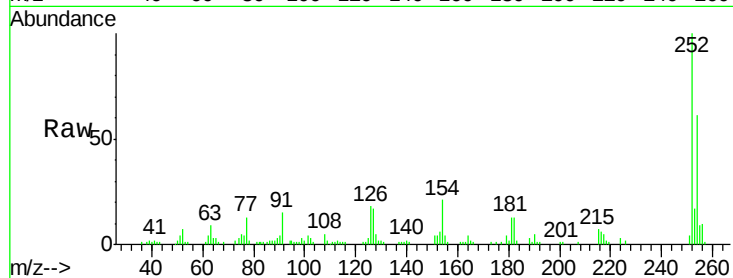




#81
 3,3'-Dichlorobenzidine
 Concen: 20.90 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

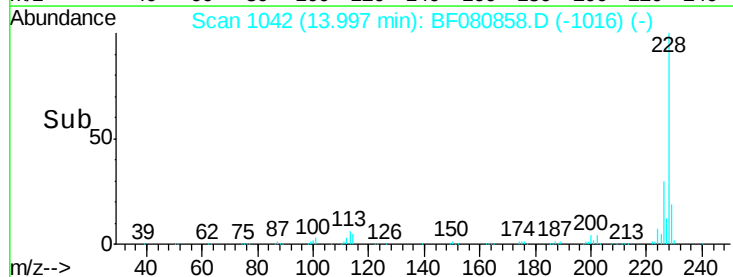
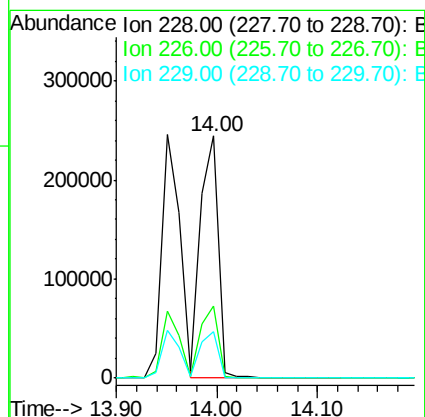
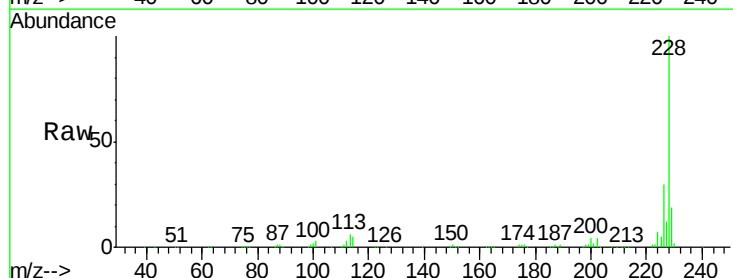
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

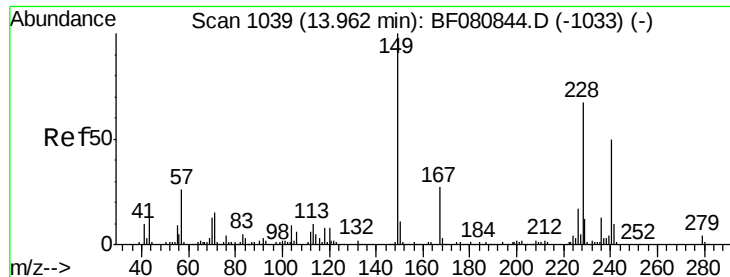
Tot Ion	Ratio	Lower	Upper
252	100		
254	60.7	50.3	75.5
126	17.6	15.1	22.7



#82
 Chrysene
 Concen: 33.40 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.6	35.4
229	19.0	15.1	22.7

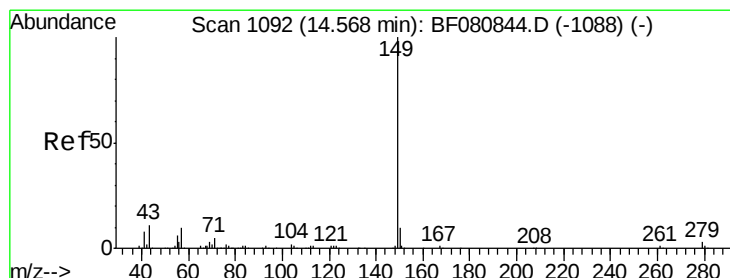
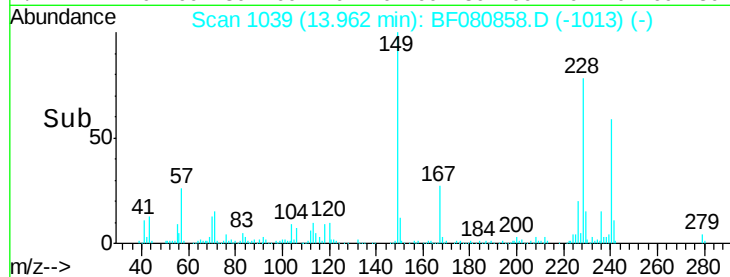
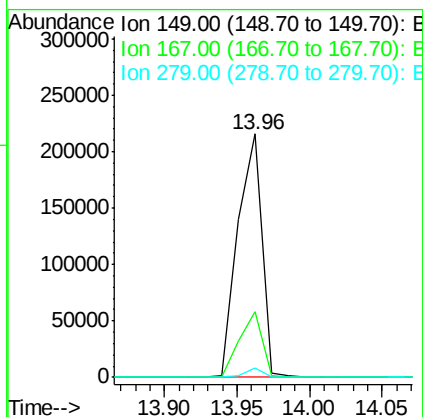
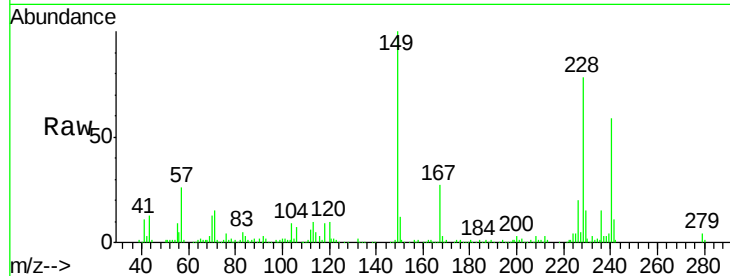




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.19 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

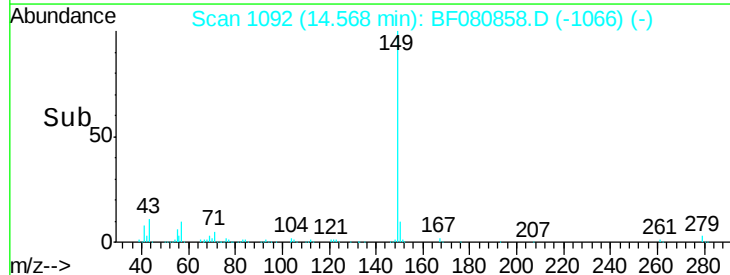
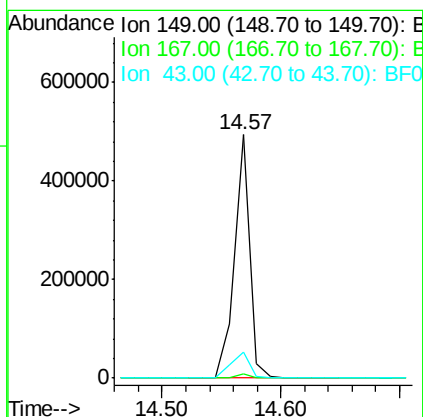
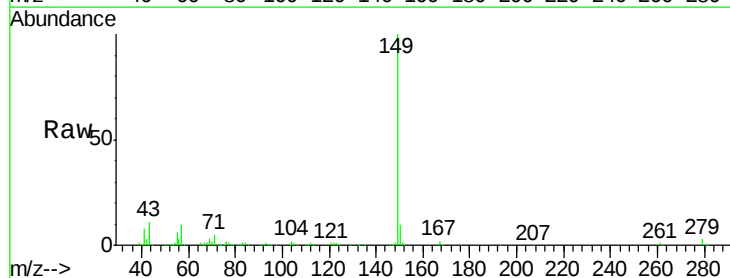
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

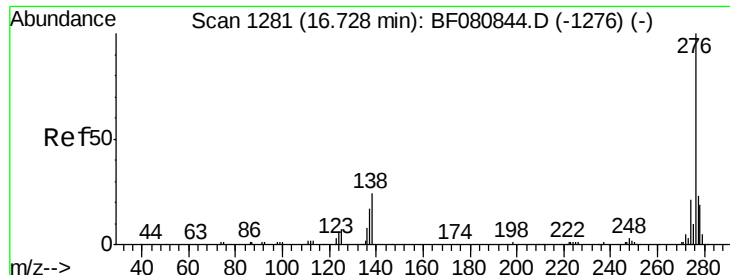
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.8
279	4.0	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 39.88 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.9	10.3	15.5

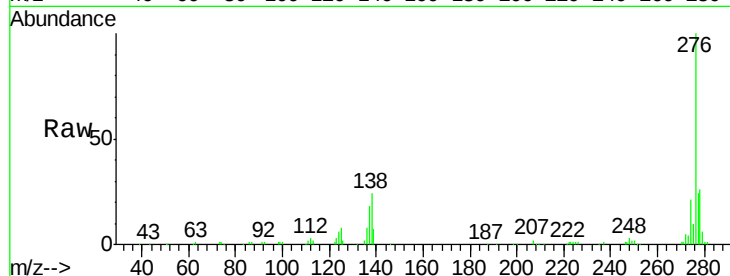




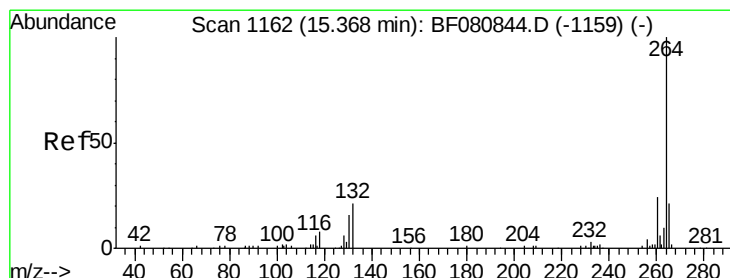
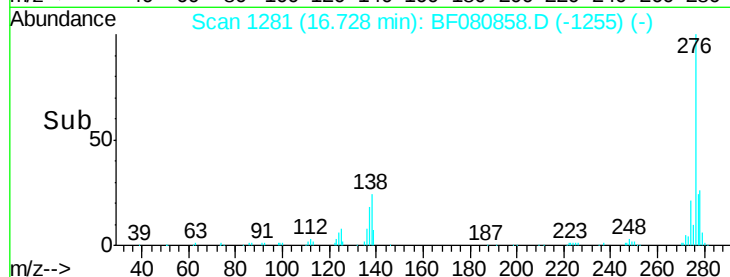
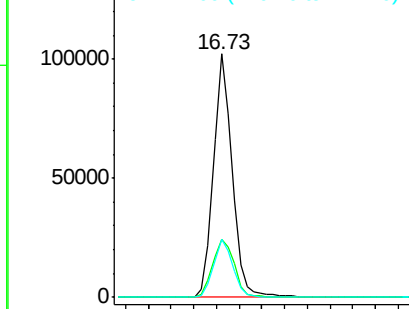
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.23 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion:276 Resp: 232721
 Ion Ratio Lower Upper
 276 100
 138 27.2 21.6 32.4
 277 24.4 19.6 29.4

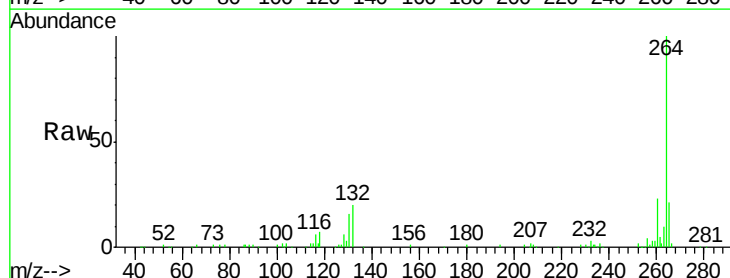


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

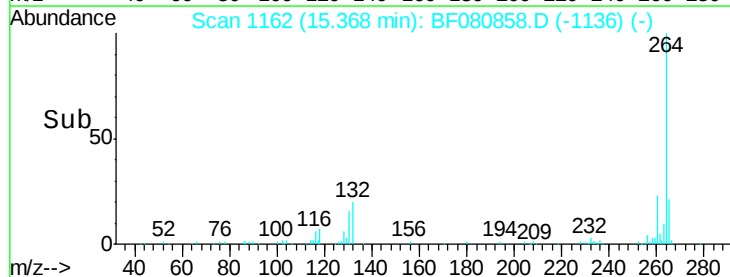
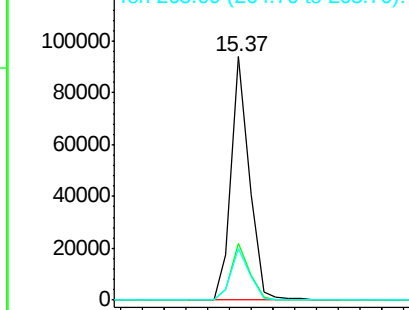


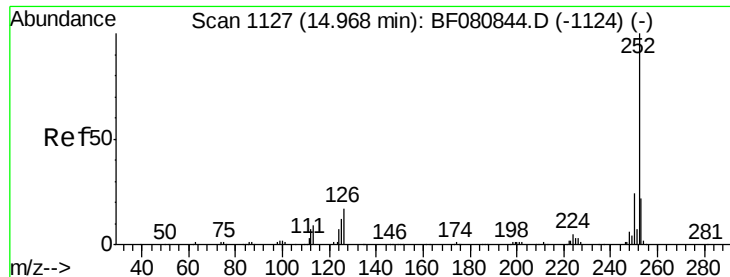
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Tgt Ion:264 Resp: 108245
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 21.0 16.8 25.2



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

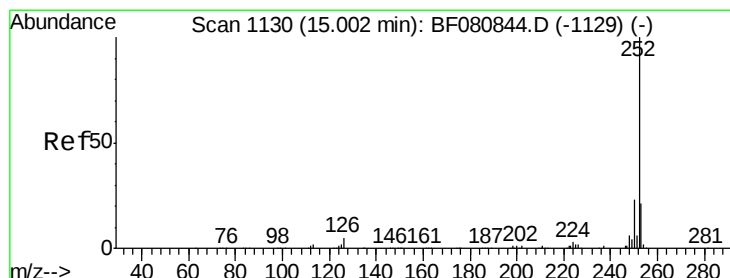
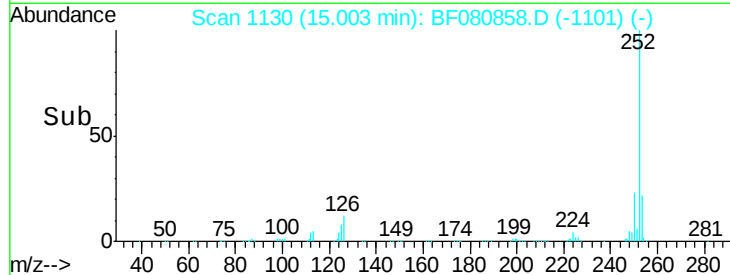
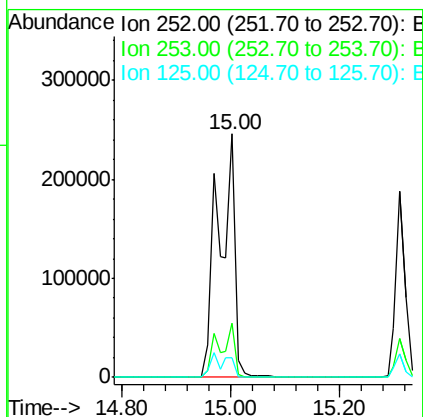
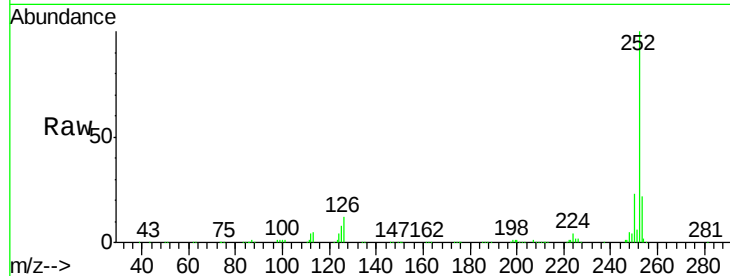




#87
Benzo(b)fluoranthene
Concen: 64.34 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.03 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

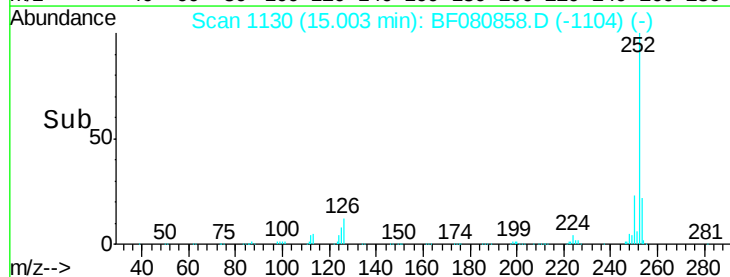
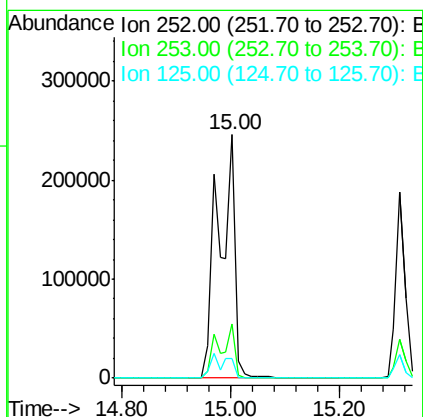
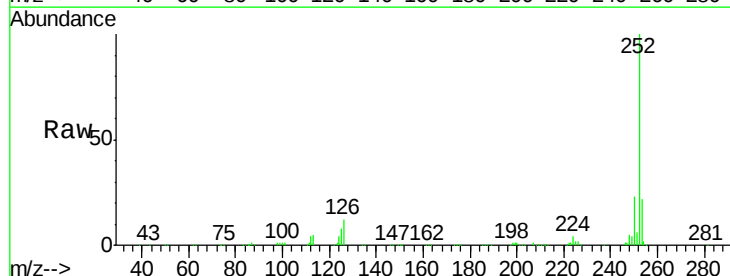
Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tot Ion:252 Resp: 520977
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 8.2 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 83.59 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF080858.D
Acq: 5 Aug 2015 1:28

Tgt Ion:252 Resp: 520977
Ion Ratio Lower Upper
252 100
253 22.1 16.9 25.3
125 8.2 7.0 10.6





#89

Benzo(a)pyrene

Concen: 35.02 ng

RT: 15.31 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

Instrument :

BNA_F

ClientSampleId :

PB84659BS

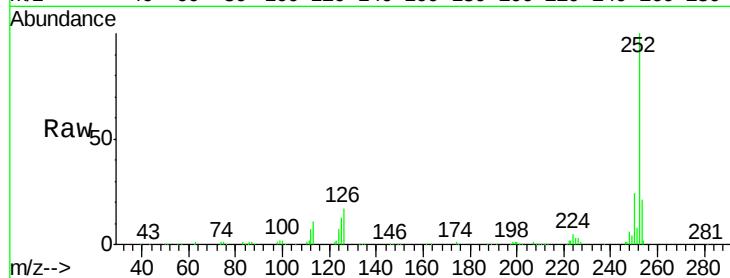
Tot Ion:252 Resp: 231420

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

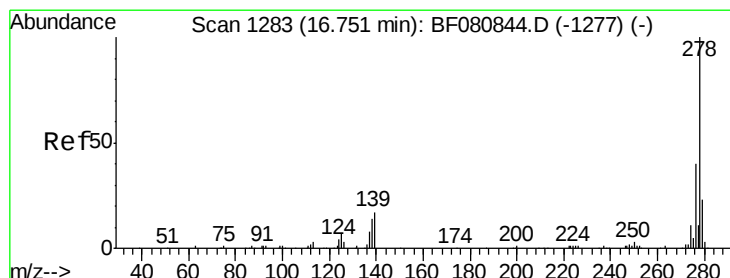
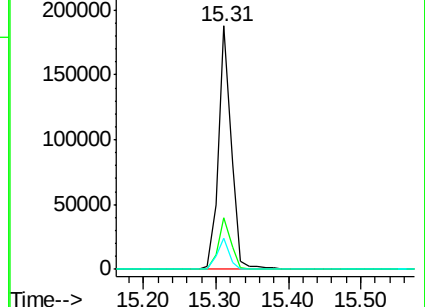
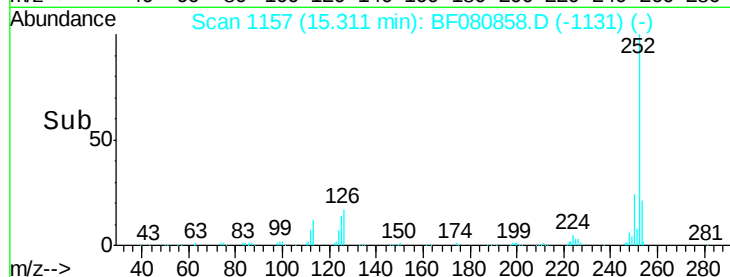
125 12.8 10.6 16.0



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: 34.15 ng

RT: 16.75 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF080858.D

Acq: 5 Aug 2015 1:28

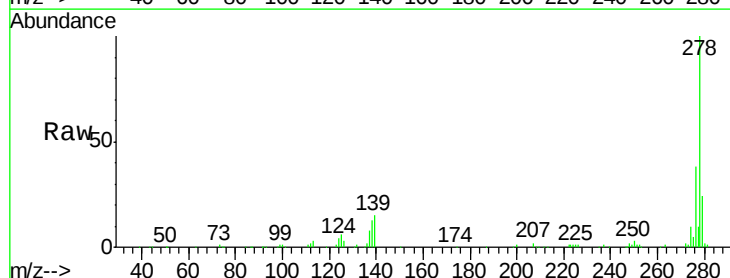
Tgt Ion:278 Resp: 196074

Ion Ratio Lower Upper

278 100

139 15.3 13.4 20.0

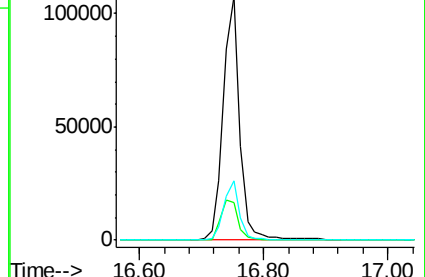
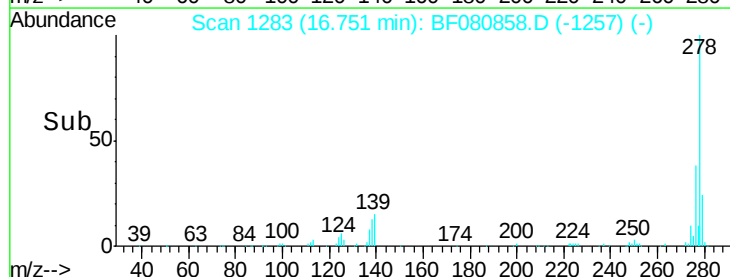
279 24.2 18.4 27.6

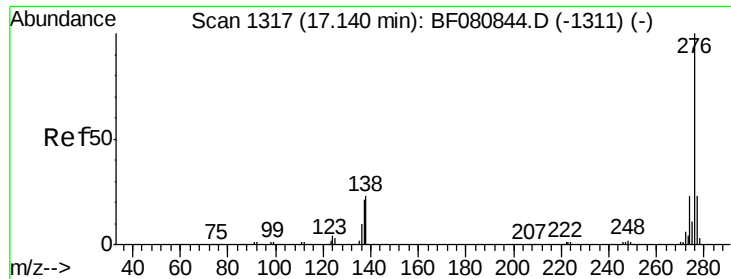


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

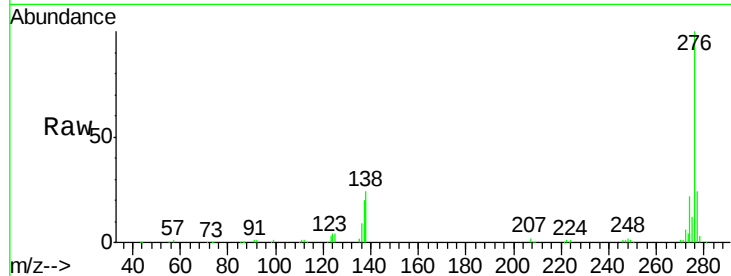




#91
 Benzo(a,h,i)perylene
 Concen: 36.07 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF080858.D
 Acq: 5 Aug 2015 1:28

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	23.7	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

