

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080851.D
 Acq On : 4 Aug 2015 21:52
 Operator : TP/UM
 Sample : PB84692BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Quant Time: Aug 05 02:35:08 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	71494	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	288431	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	126283	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	204258	20.00	ng	0.00
75) Chrysene-d12	13.96	240	127004	20.00	ng	0.00
86) Perylene-d12	15.37	264	103479	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	429359	90.89	ng	0.01
7) Phenol-d6	6.45	99	640789	103.77	ng	0.00
23) Nitrobenzene-d5	7.39	82	425372	69.50	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	126616	103.97	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	625335	66.68	ng	0.00
78) Terphenyl-d14	12.92	244	506721	72.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	67162	29.00	ng	96
3) Pyridine	3.26	79	204630	32.06	ng	98
4) n-Nitrosodimethylamine	3.22	42	102351	31.26	ng	100
6) Aniline	6.49	93	193130	21.49	ng	96
8) 2-Chlorophenol	6.61	128	169930	32.11	ng	99
9) Benzaldehyde	6.37	77	30337	7.04	ng	87
10) Phenol	6.48	94	200978	27.35	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	186549	34.00	ng	99
12) 1,3-Dichlorobenzene	6.76	146	169054	29.81	ng	99
13) 1,4-Dichlorobenzene	6.84	146	178378	31.34	ng	99
14) 1,2-Dichlorobenzene	6.84	146	178378	33.22	ng	96
15) Benzyl Alcohol	6.97	79	118169	29.30	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	349410	32.90	ng	100
17) 2-Methylphenol	7.08	107	157779	34.04	ng	99
18) Hexachloroethane	7.33	117	67919	31.40	ng	# 80
19) n-Nitroso-di-n-propylamine	7.24	70	135202	33.89	ng	96
20) 3+4-Methylphenols	7.23	107	171411	31.89	ng	# 89
22) Acetophenone	7.23	105	234972	33.36	ng	# 81
24) Nitrobenzene	7.40	77	179936	28.35	ng	# 87
25) Isophorone	7.64	82	352089	32.47	ng	95
26) 2-Nitrophenol	7.72	139	84735	32.54	ng	95
27) 2,4-Dimethylphenol	7.77	122	179707	37.07	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	212263	31.83	ng	99
29) 2,4-Dichlorophenol	7.96	162	130754	32.67	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	142904	31.38	ng	99
31) Naphthalene	8.13	128	513095	32.66	ng	99
32) Benzoic acid	7.87	122	81419	26.06	ng	99
33) 4-Chloroaniline	8.18	127	113779	18.52	ng	95
34) Hexachlorobutadiene	8.25	225	78481	30.23	ng	97
35) Caprolactam	8.53	113	29495	25.81	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	147150	33.51	ng	95
37) 2-Methylnaphthalene	8.82	142	319068	33.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	124097	28.80	ng	97
40) Hexachlorocyclopentadiene	8.98	237	177380	68.54	ng	99

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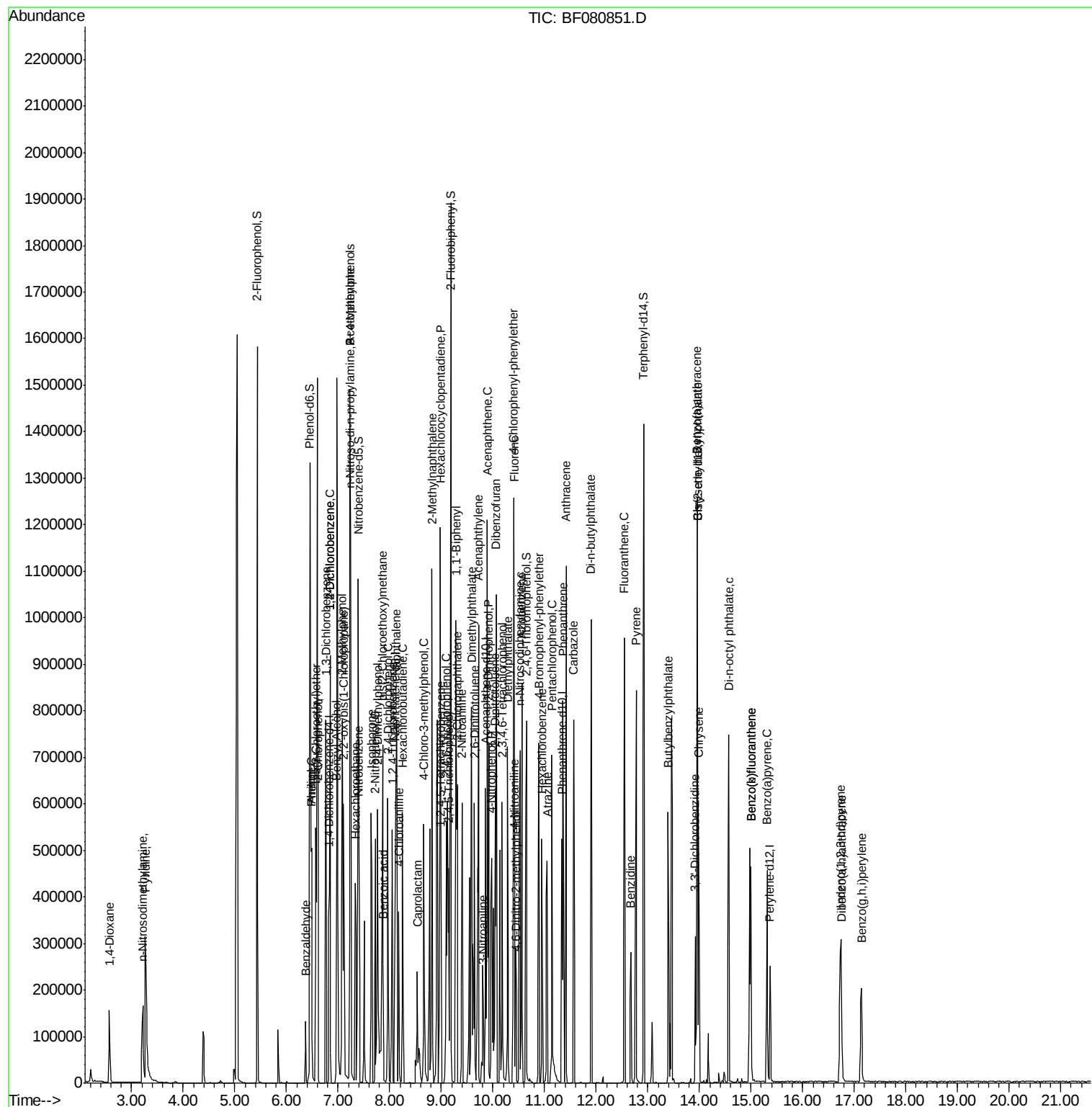
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	83052	28.43	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	98394	33.59	nq	# 87
45) 1,1'-Biphenyl	9.29	154	386980	33.24	nq	100
46) 2-Chloronaphthalene	9.31	162	277448	30.64	nq	98
47) 2-Nitroaniline	9.40	65	116122	35.23	nq	99
48) Acenaphthylene	9.72	152	482753	32.40	nq	100
49) Dimethylphthalate	9.58	163	299317	32.50	nq	99
50) 2,6-Dinitrotoluene	9.64	165	62228	32.31	nq	98
51) Acenaphthene	9.89	154	330829	36.94	nq	99
52) 3-Nitroaniline	9.81	138	47910	20.14	nq	92
53) 2,4-Dinitrophenol	9.92	184	81151	63.34	nq	# 63
54) Dibenzofuran	10.06	168	421885	35.32	nq	98
55) 4-Nitrophenol	9.97	139	116489	69.60	nq	# 79
56) 2,4-Dinitrotoluene	10.04	165	77814	32.00	nq	88
57) Fluorene	10.41	166	303489	33.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	75566	35.94	nq	99
59) Diethylphthalate	10.28	149	302387	33.16	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	127617	33.71	nq	100
61) 4-Nitroaniline	10.42	138	66173	31.16	nq	97
62) Azobenzene	10.56	77	367068	34.42	nq	99
64) 4,6-Dinitro-2-methylphenol	10.45	198	45521	34.64	nq	90
65) n-Nitrosodiphenylamine	10.52	169	255510	32.65	nq	97
66) 4-Bromophenyl-phenylether	10.89	248	82452	36.47	nq	99
67) Hexachlorobenzene	10.94	284	81143	32.86	nq	98
68) Atrazine	11.05	200	75594	37.11	nq	98
69) Pentachlorophenol	11.14	266	92463	68.72	nq	97
70) Phenanthrene	11.36	178	373032	31.61	nq	99
71) Anthracene	11.41	178	417548	36.41	nq	100
72) Carbazole	11.56	167	337407	31.19	nq	99
73) Di-n-butylphthalate	11.90	149	467619	36.51	nq	99
74) Fluoranthene	12.55	202	403190	35.08	nq	99
76) Benzidine	12.67	184	138297	22.50	nq	99
77) Pyrene	12.77	202	413096	36.26	nq	99
79) Butylbenzylphthalate	13.39	149	164288	35.26	nq	99
80) Benzo(a)anthracene	13.95	228	275847	32.47	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	64653	20.48	nq	97
82) Chrysene	13.99	228	258587	29.87	nq	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	217729	34.99	nq	99
84) Di-n-octyl phthalate	14.57	149	364058	34.81	nq	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	199527	28.07	nq	100
87) Benzo(b)fluoranthene	15.00	252	470664	60.81	nq	# 94
88) Benzo(k)fluoranthene	15.00	252	470664	78.99	nq	99
89) Benzo(a)pyrene	15.31	252	211414	33.46	nq	99
90) Dibenzo(a,h)anthracene	16.75	278	169247	30.84	nq	98
91) Benzo(g,h,i)perylene	17.14	276	165460	31.19	nq	97

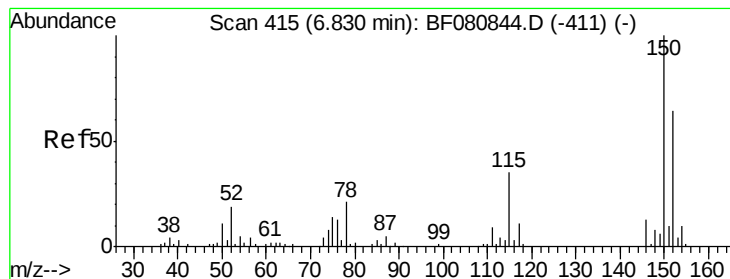
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

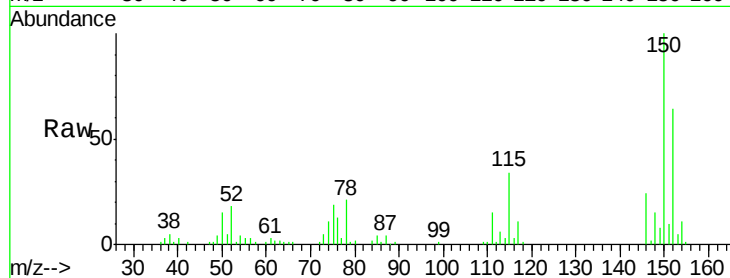
Tot Ion:152 Resp: 71494

Ion Ratio Lower Upper

152 100

150 156.6 124.6 187.0

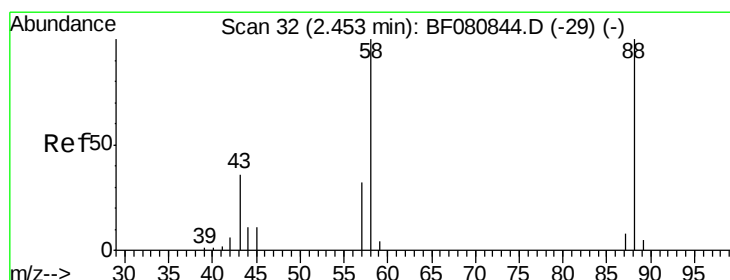
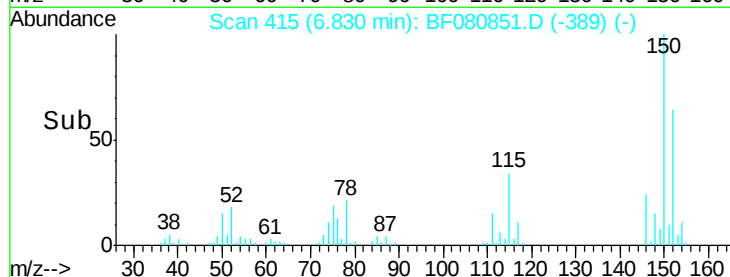
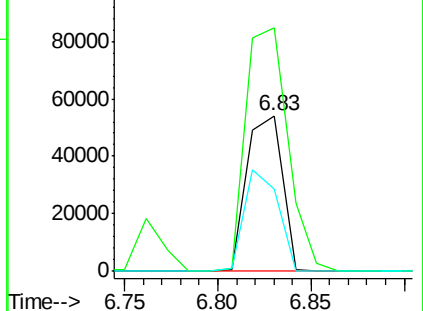
115 53.0 44.2 66.4



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: 29.00 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.11 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

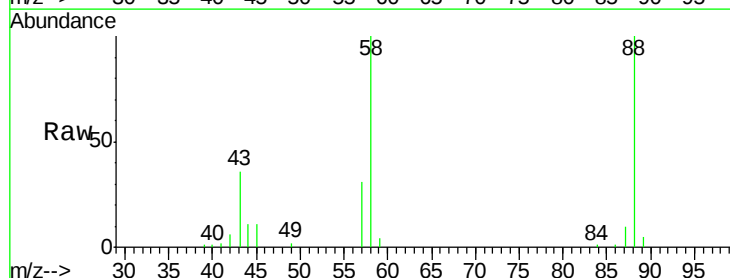
Tgt Ion: 88 Resp: 67162

Ion Ratio Lower Upper

88 100

58 103.2 79.2 118.8

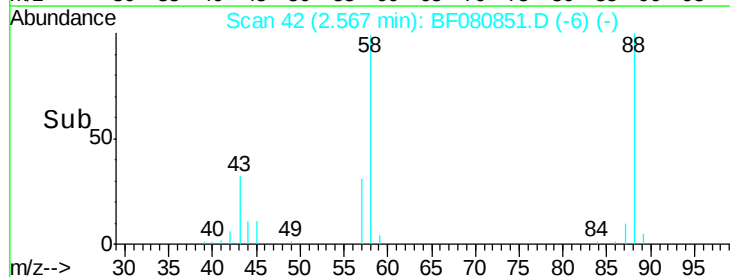
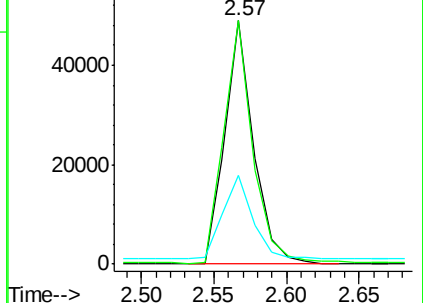
43 36.2 28.1 42.1

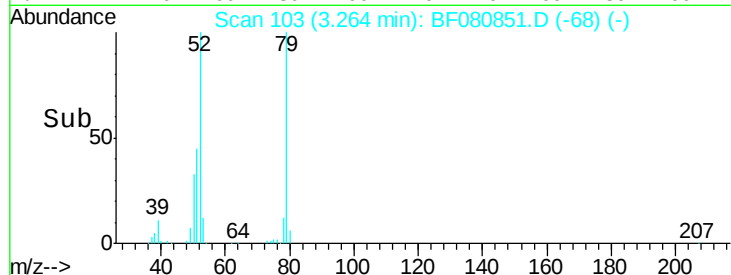
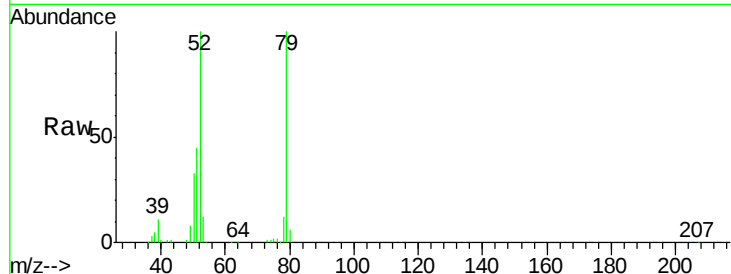
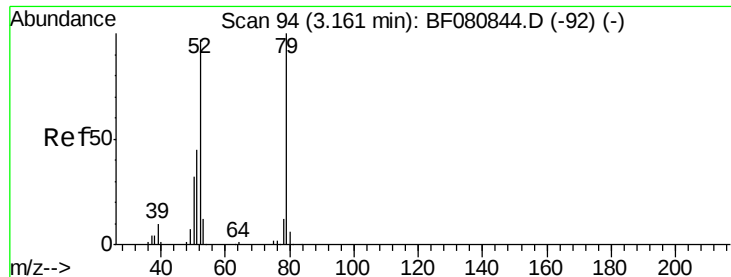


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

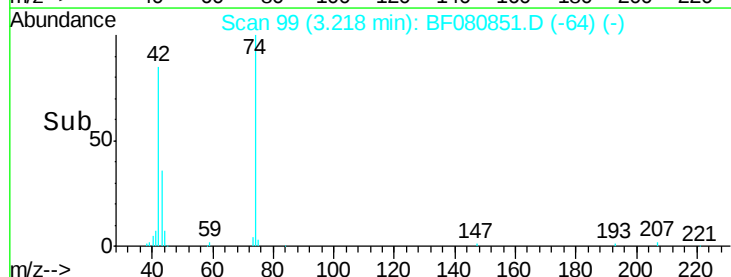
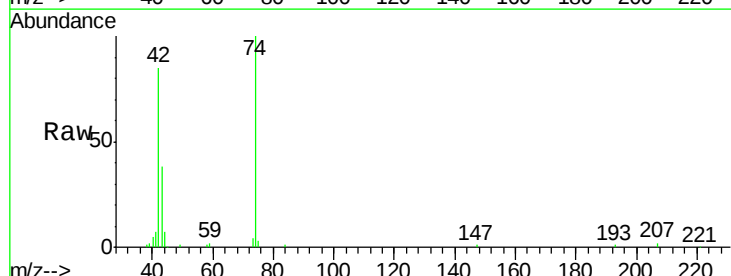
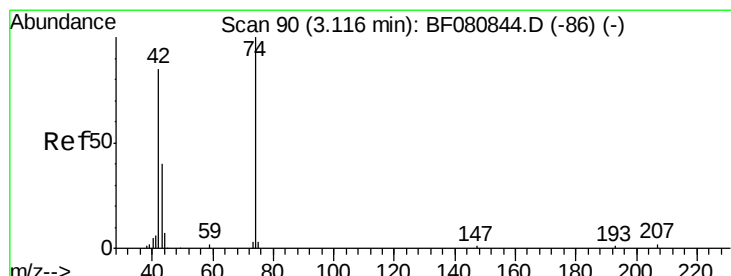
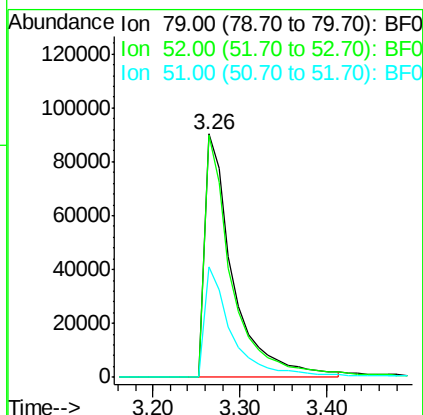




#3
 Pvridine
 Concen: 32.06 ng
 RT: 3.26 min Scan# 103
 Delta R.T. 0.10 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

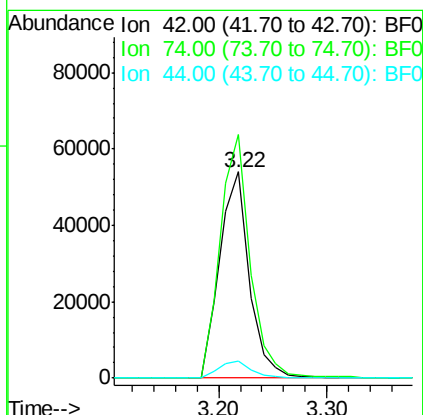
Instrument :
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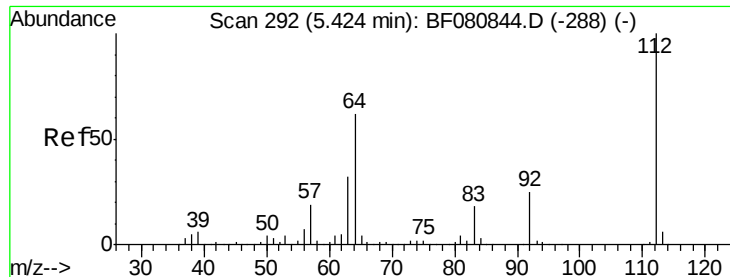
Tot Ion: 79 Resp: 204630
 Ion Ratio Lower Upper
 79 100
 52 99.6 77.7 116.5
 51 45.5 36.1 54.1



#4
 n-Nitrosodimethylamine
 Concen: 31.26 ng
 RT: 3.22 min Scan# 99
 Delta R.T. 0.10 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion: 42 Resp: 102351
 Ion Ratio Lower Upper
 42 100
 74 118.1 94.3 141.5
 44 8.4 6.2 9.2





#5

2-Fluorophenol

Concen: 90.89 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

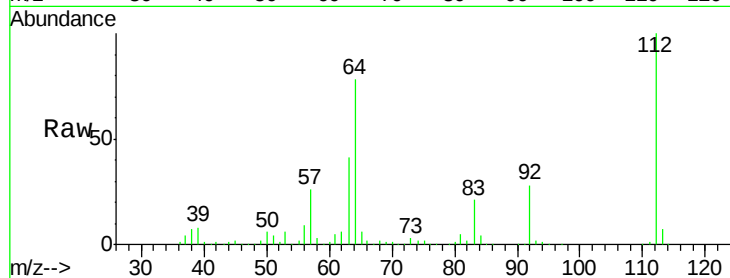
Tot Ion:112 Resp: 429359

Ion Ratio Lower Upper

112 100

64 78.2 49.5 74.3#

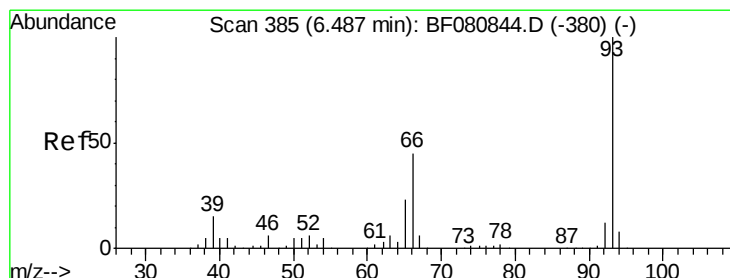
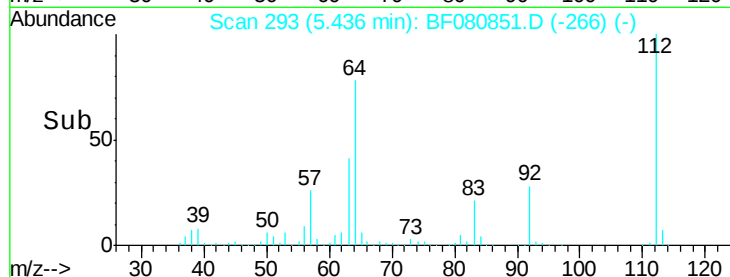
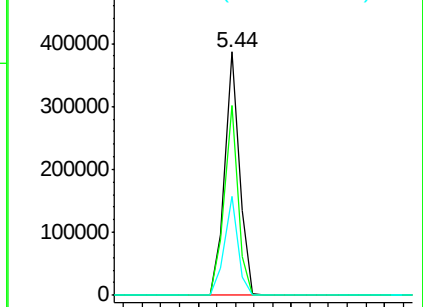
63 40.7 25.3 37.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.49 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

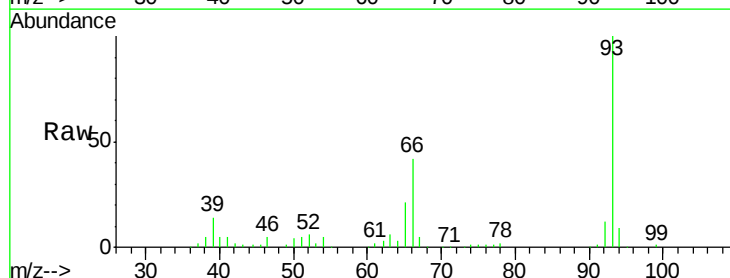
Tgt Ion: 93 Resp: 193130

Ion Ratio Lower Upper

93 100

66 41.8 35.8 53.6

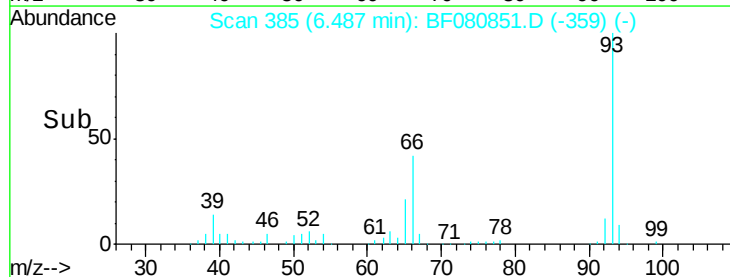
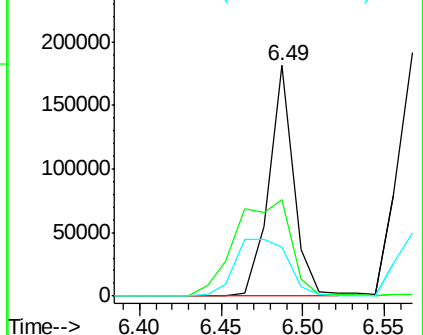
65 21.1 18.2 27.2

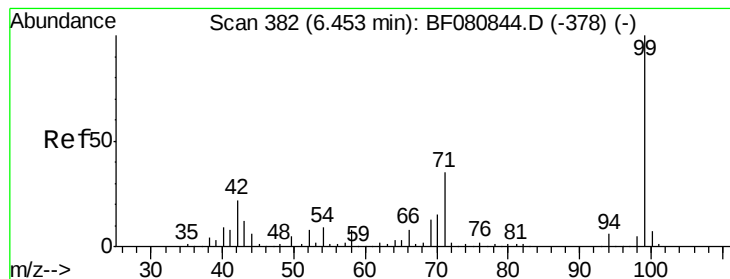


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.77 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

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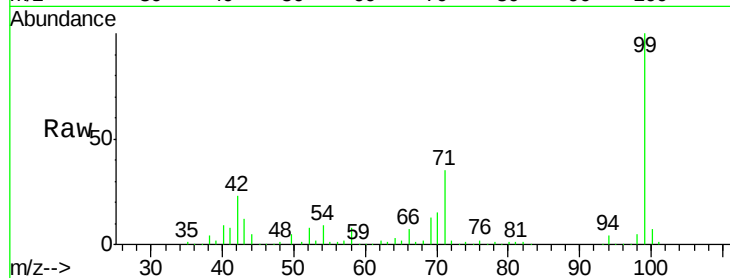
Tot Ion: 99 Resp: 640789

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

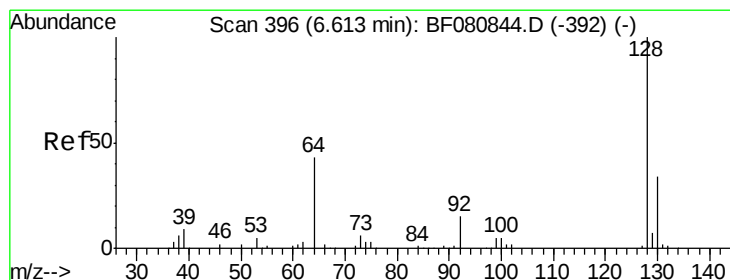
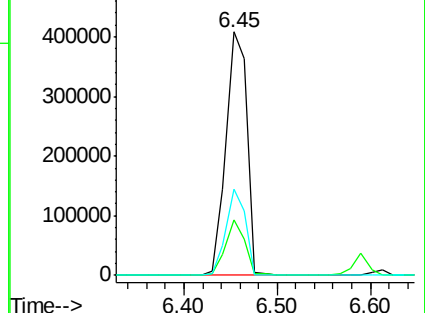
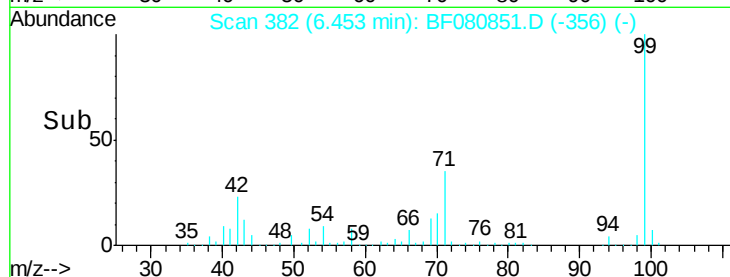
71 35.4 28.2 42.4



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: 32.11 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

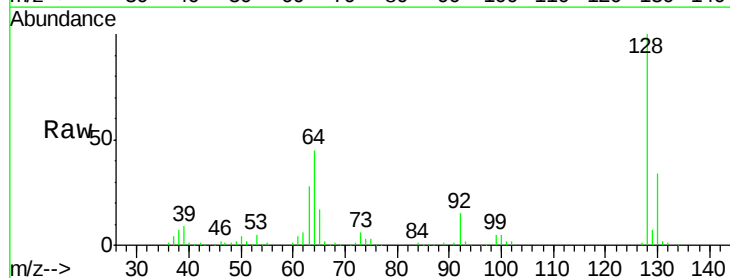
Tgt Ion: 128 Resp: 169930

Ion Ratio Lower Upper

128 100

130 33.8 13.9 53.9

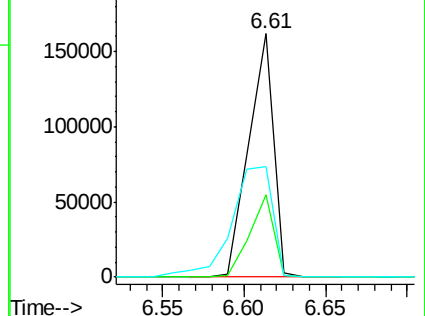
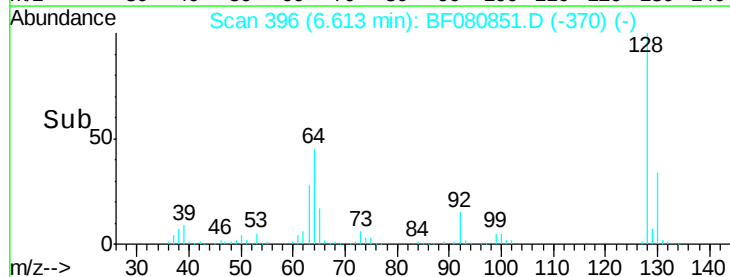
64 45.3 26.2 66.2

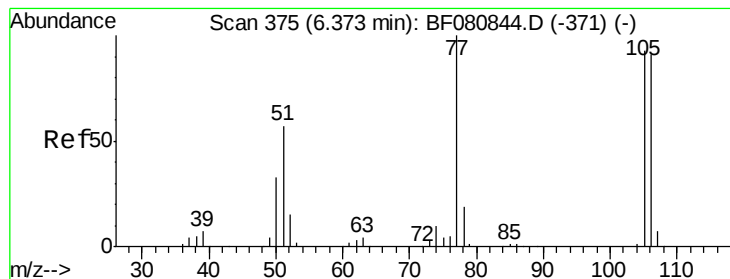


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.04 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

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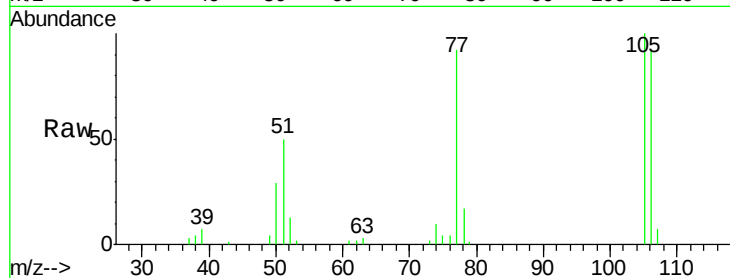
Tot Ion: 77 Resp: 30337

Ion Ratio Lower Upper

77 100

105 108.7 73.5 113.5

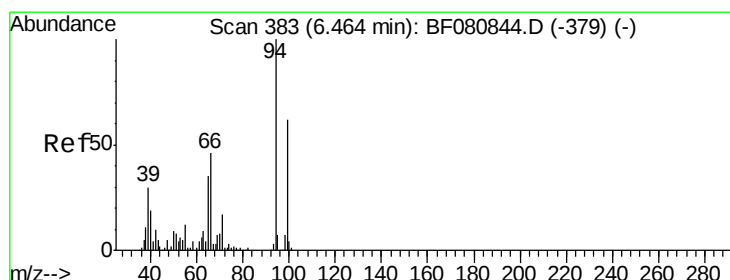
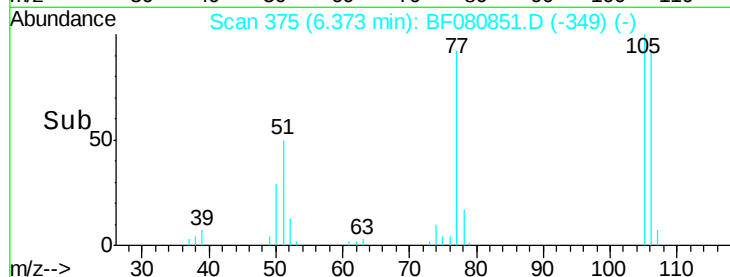
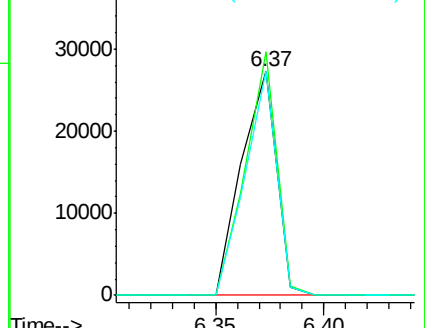
106 100.1 70.8 110.8



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: 27.35 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

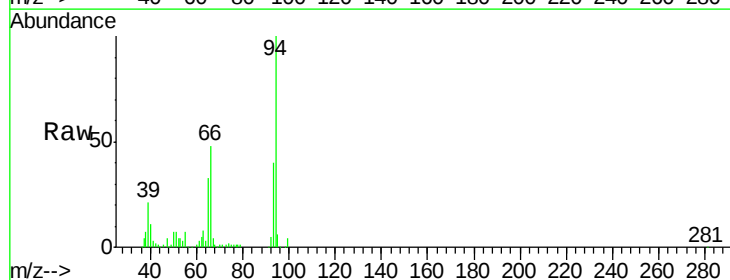
Tgt Ion: 94 Resp: 200978

Ion Ratio Lower Upper

94 100

65 32.7 15.2 55.2

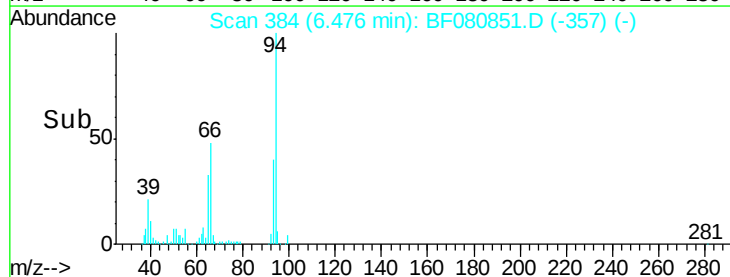
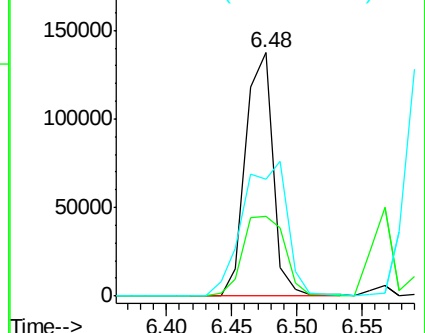
66 48.2 25.9 65.9

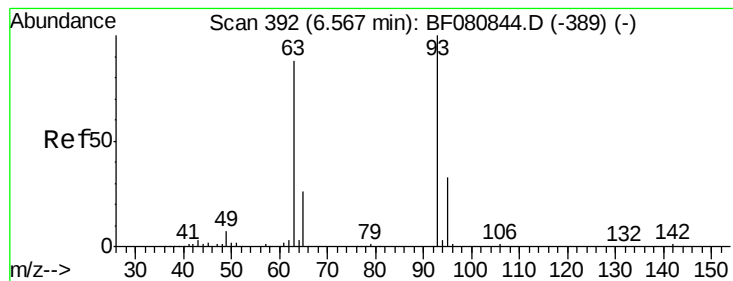


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.00 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

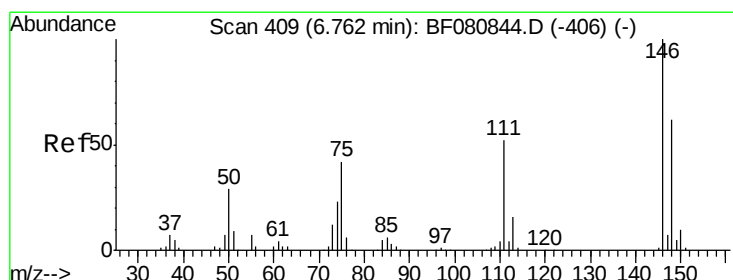
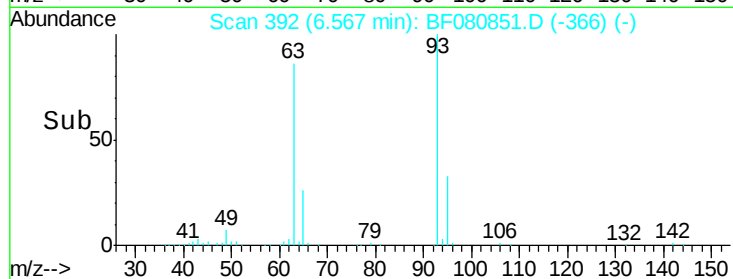
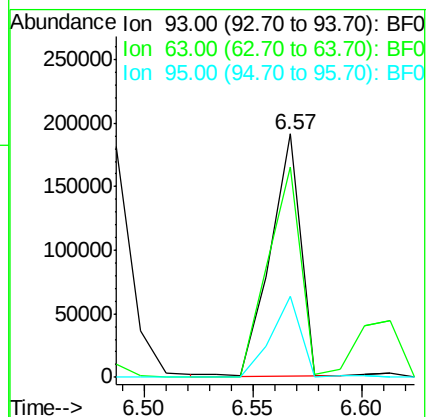
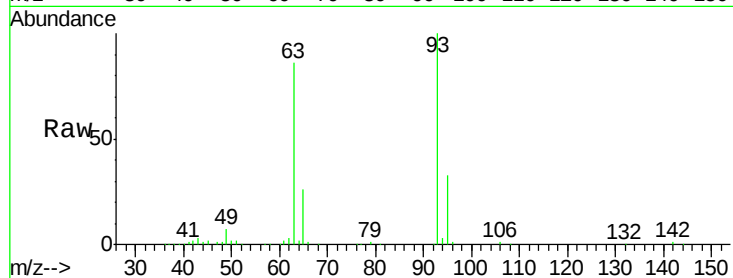
Tot Ion: 93 Resp: 186549

Ion Ratio Lower Upper

93 100

63 86.4 67.6 107.6

95 33.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 29.81 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

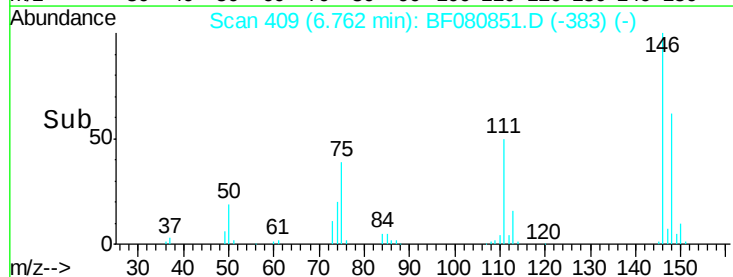
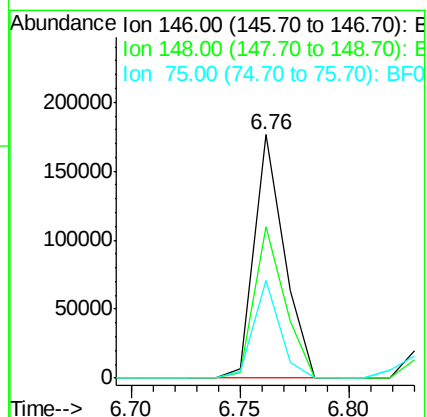
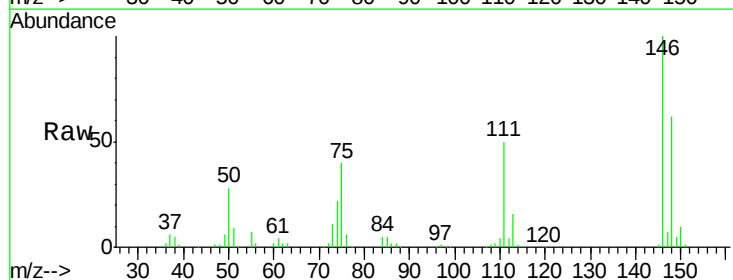
Tgt Ion: 146 Resp: 169054

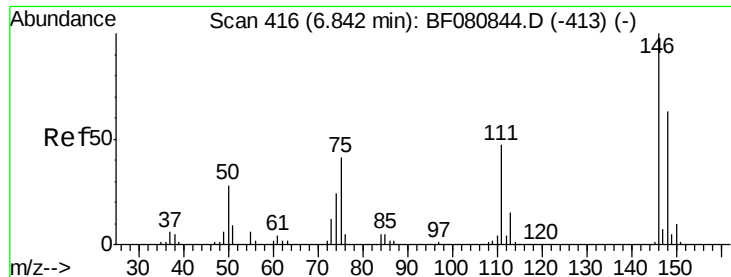
Ion Ratio Lower Upper

146 100

148 62.4 49.7 74.5

75 39.9 33.5 50.3

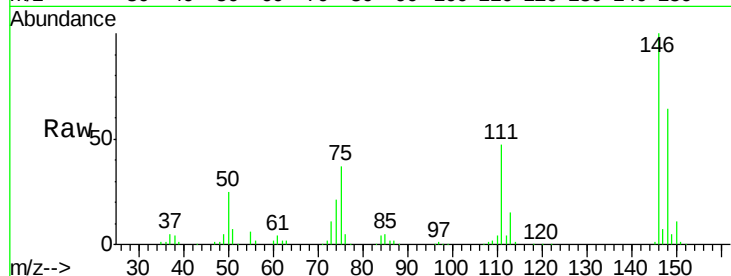




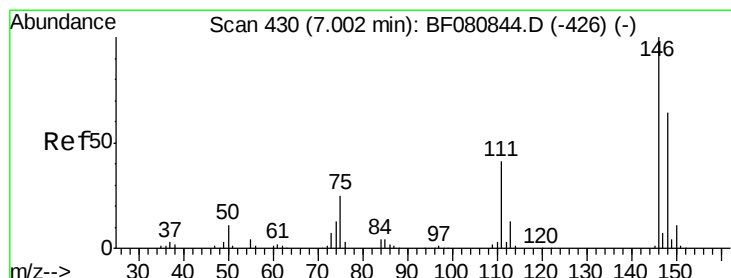
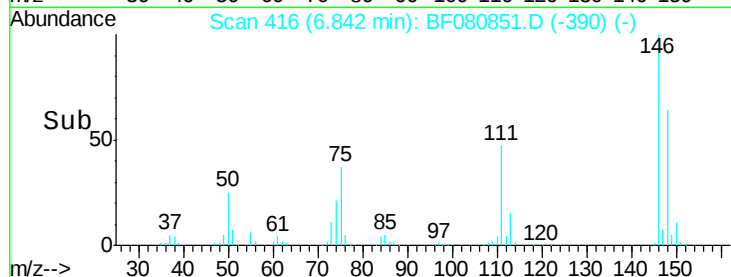
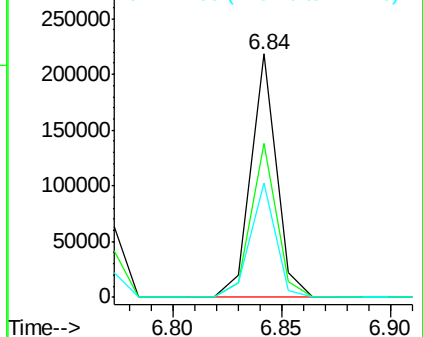
#13
 1,4-Dichlorobenzene
 Concen: 31.34 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tot Ion:146 Resp: 178378
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.5 75.7
 111 46.8 38.0 57.0

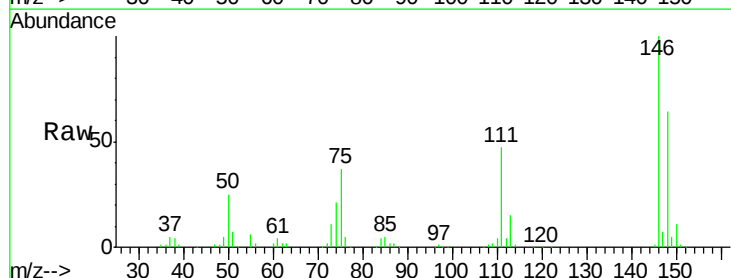


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

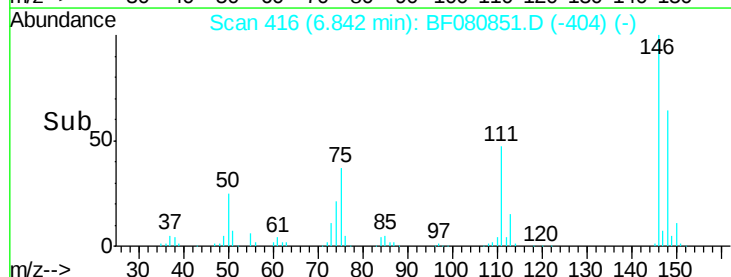
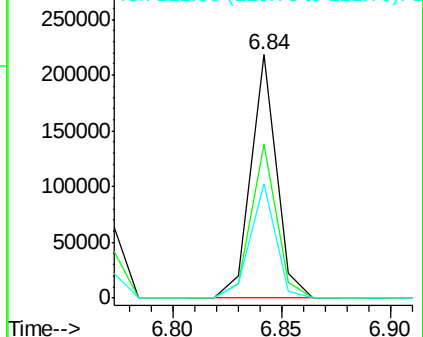


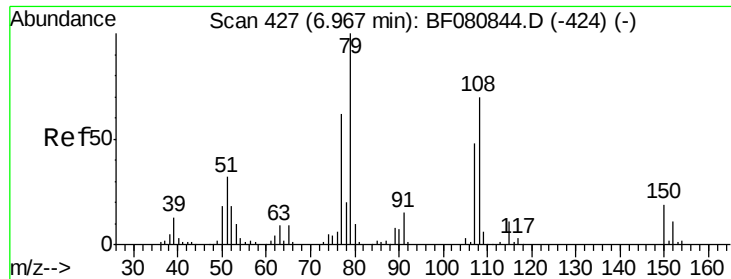
#14
 1,2-Dichlorobenzene
 Concen: 33.22 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.16 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion:146 Resp: 178378
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.6
 111 46.8 32.7 49.1



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





#15

Benzyl Alcohol

Concen: 29.30 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleID :

PB84692BS

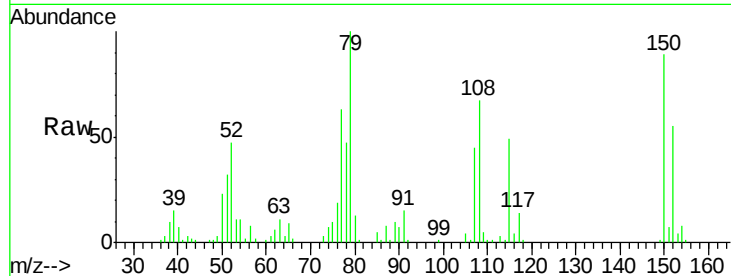
Tot Ion: 79 Resp: 118169

Ion Ratio Lower Upper

79 100

108 66.8 55.9 83.9

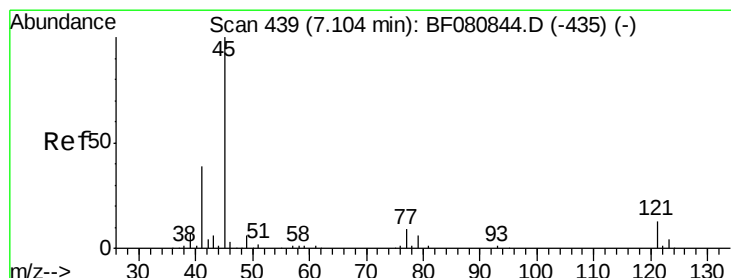
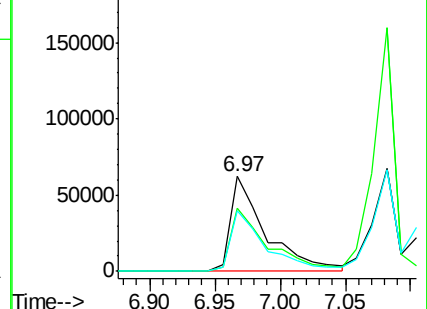
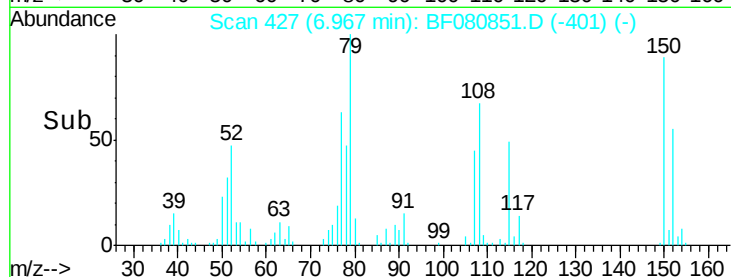
77 63.4 49.4 74.2



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: 32.90 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

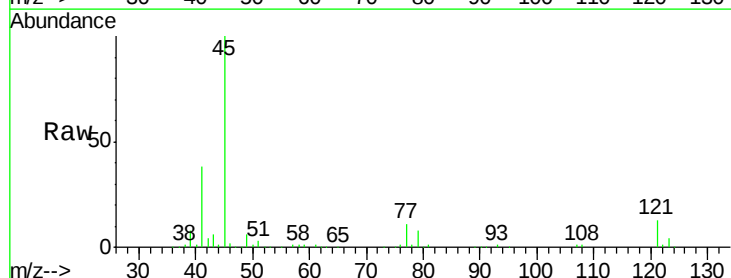
Tgt Ion: 45 Resp: 349410

Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.5

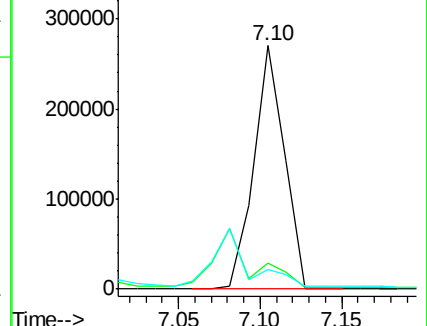
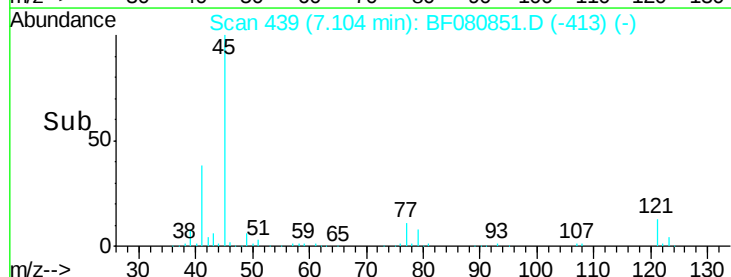
79 8.2 0.0 28.2

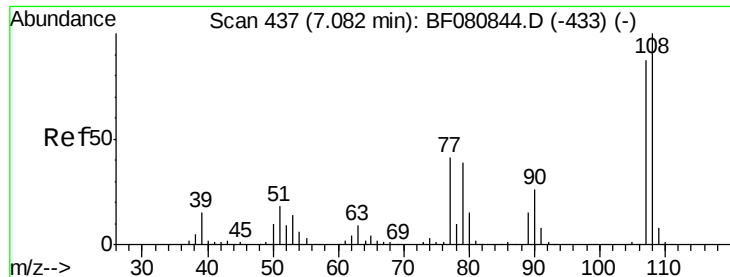


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

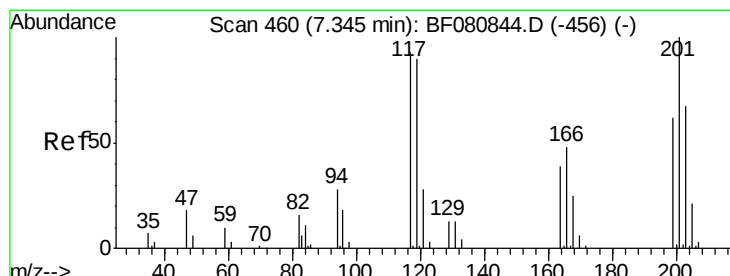
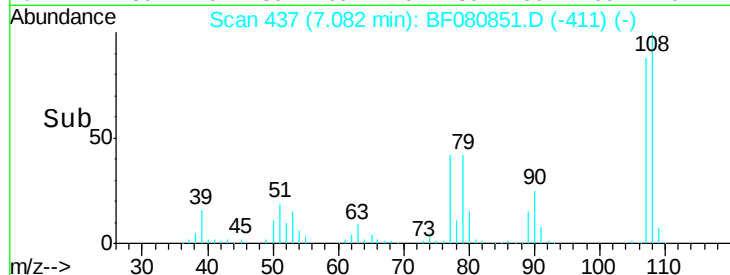
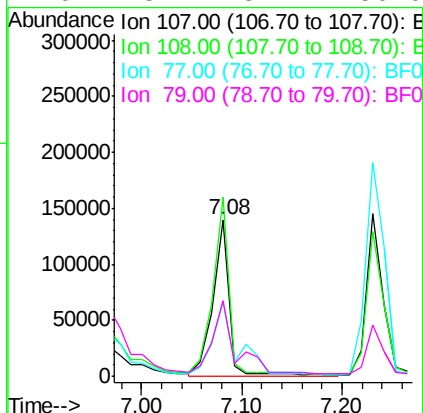
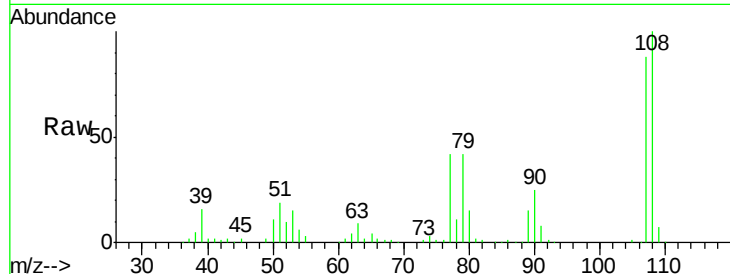




#17
2-Methylphenol
Concen: 34.04 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

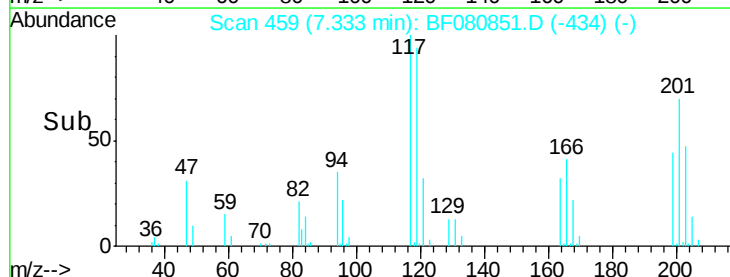
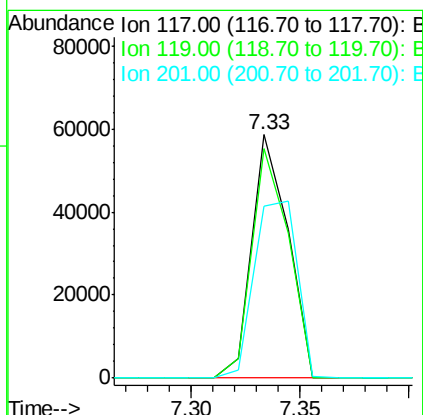
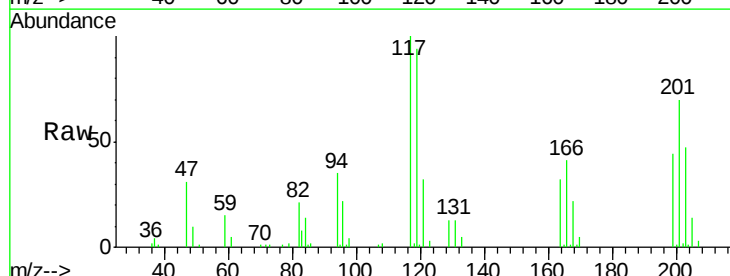
Instrument :
BNA_F
ClientSampleId :
PB84692BS

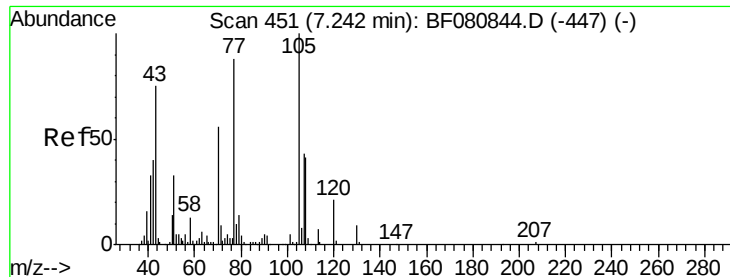
Tot Ion:107 Resp: 157779
Ion Ratio Lower Upper
107 100
108 114.1 91.8 137.8
77 47.7 38.2 57.2
79 48.2 37.4 56.0



#18
Hexachloroethane
Concen: 31.40 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion:117 Resp: 67919
Ion Ratio Lower Upper
117 100
119 94.4 77.4 116.0
201 70.5 85.8 128.6#





#19

n-Nitroso-di-n-propylamine

Concen: 33.89 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

Tot Ion: 70 Resp: 135202

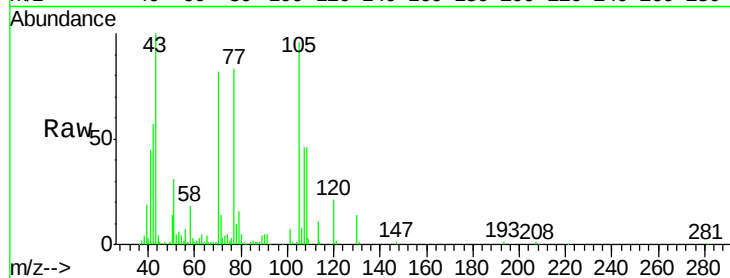
Ion Ratio Lower Upper

70 100

42 68.8 57.8 86.8

101 9.1 6.7 10.1

130 17.2 12.6 19.0

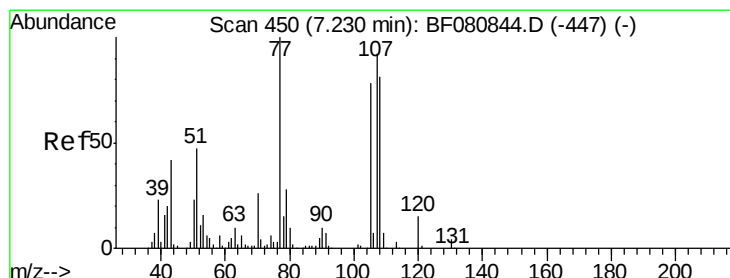
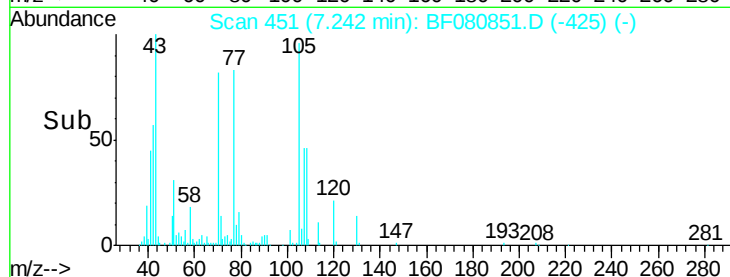
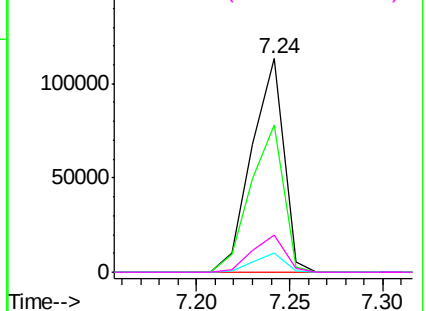


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 31.89 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Tgt Ion: 107 Resp: 171411

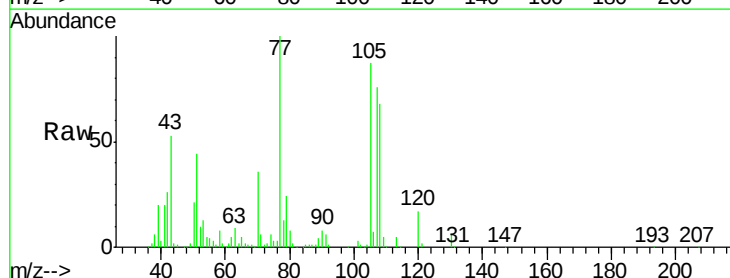
Ion Ratio Lower Upper

107 100

108 88.5 68.2 108.2

77 130.8 88.5 128.5#

79 31.7 10.3 50.3

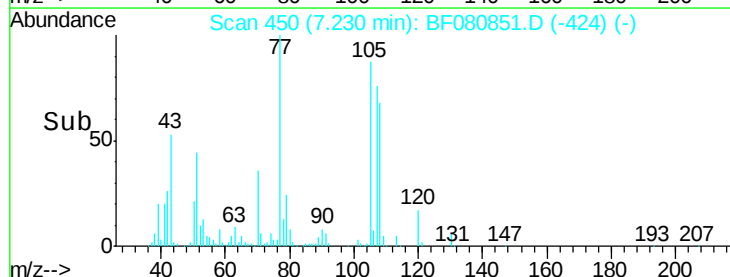
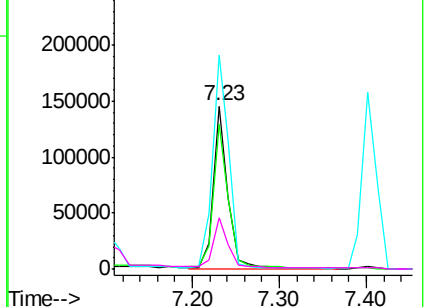


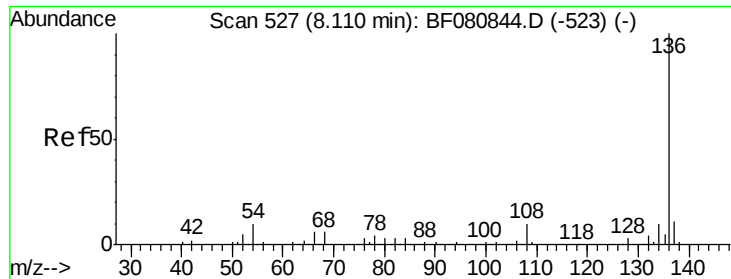
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

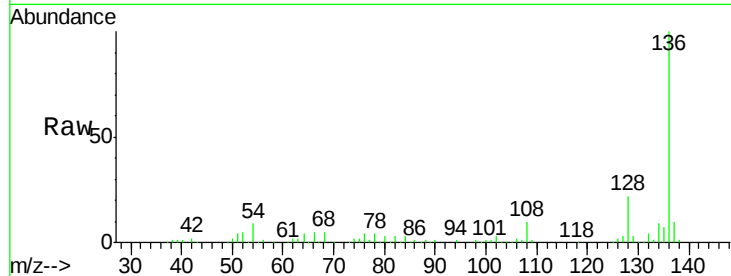




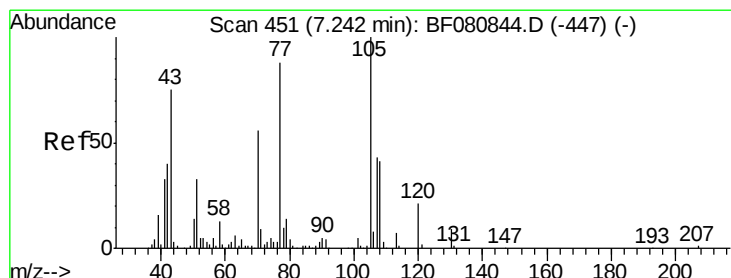
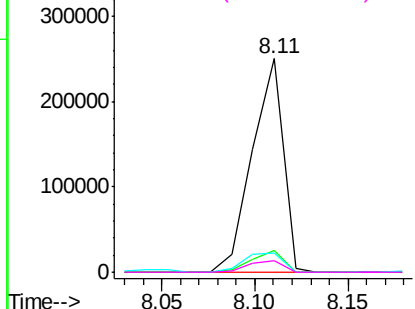
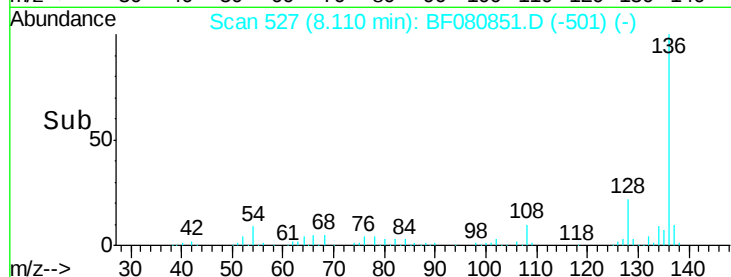
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

Tot Ion:136	Resp:	288431
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.6 13.0
54	9.2	8.3 12.5
68	5.2	4.8 7.2

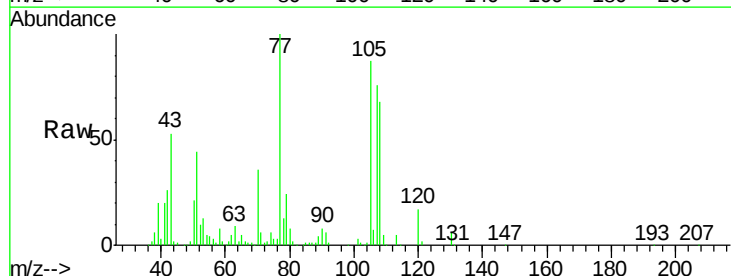


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

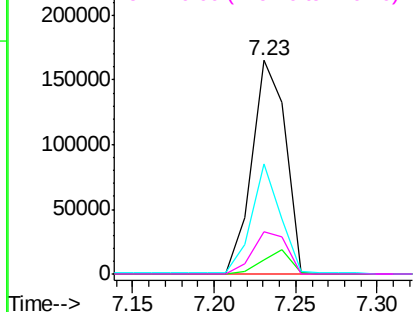
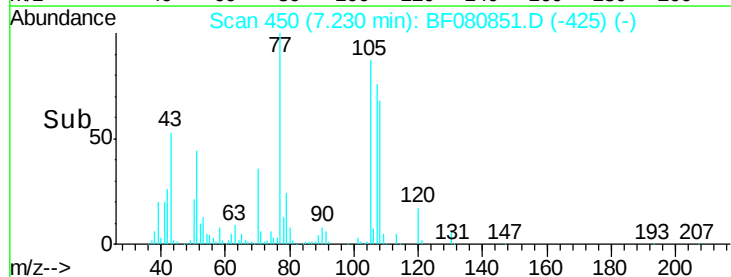


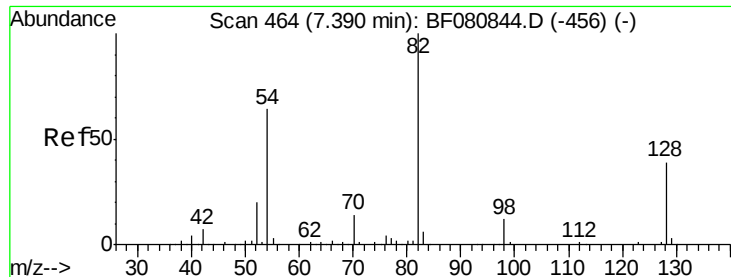
#22
Acetophenone
Concen: 33.36 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion:105	Resp:	234972
Ion Ratio	Lower	Upper
105	100	
71	6.9	7.4 11.2#
51	51.3	26.5 39.7#
120	19.8	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

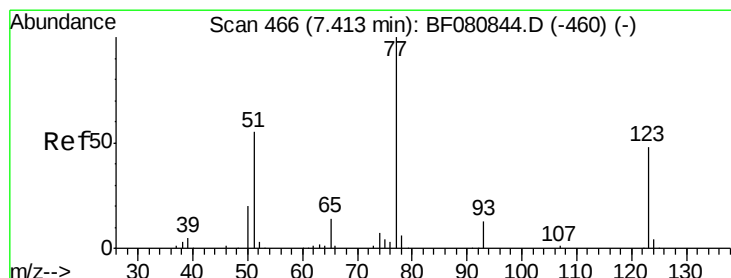
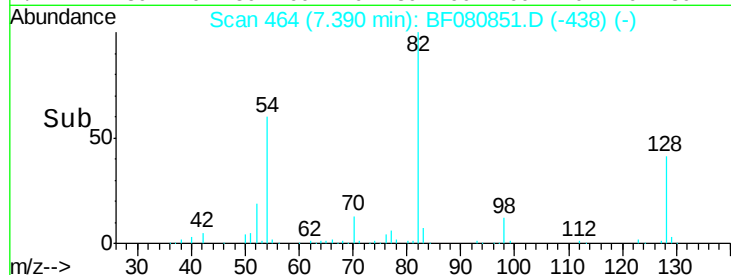
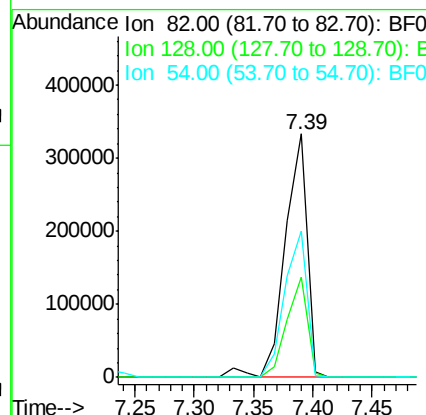
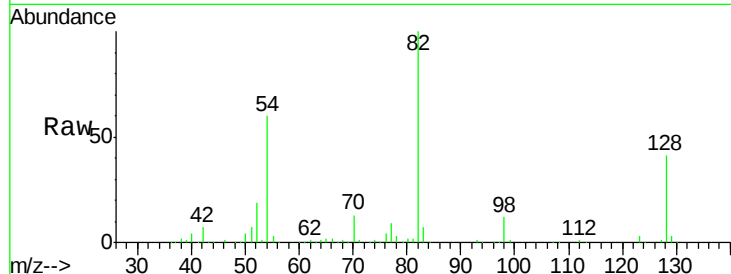




#23
 Nitrobenzene-d5
 Concen: 69.50 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

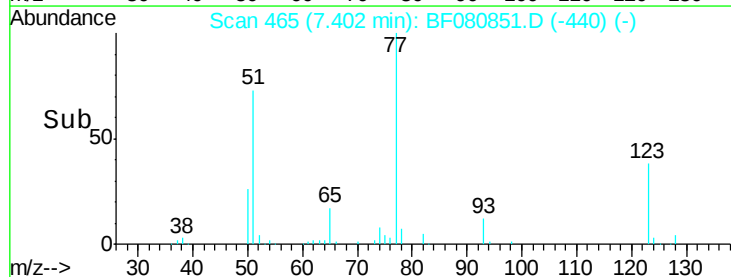
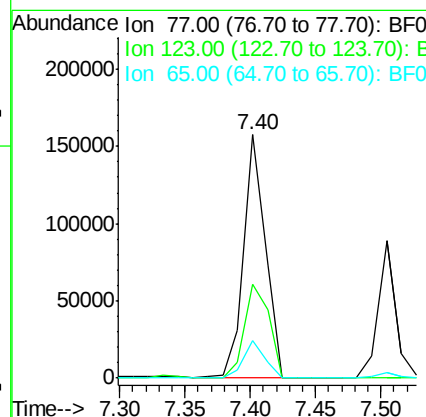
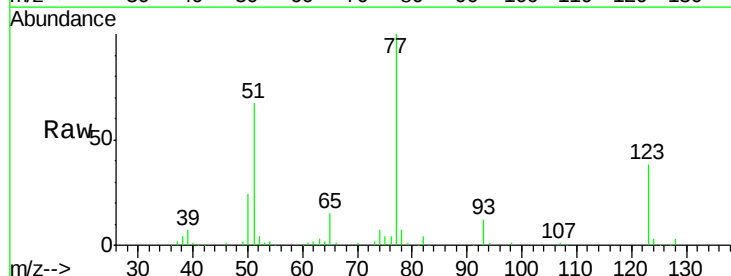
Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

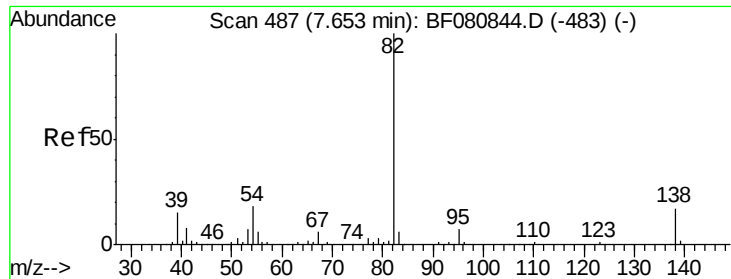
Tot Ion	82	Resp	425372
Ion Ratio	100	Lower	Upper
128	41.3	31.0	46.4
54	59.9	51.0	76.6



#24
 Nitrobenzene
 Concen: 28.35 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	77	Resp	179936
Ion Ratio	100	Lower	Upper
123	38.5	39.7	59.5#
65	15.2	11.0	16.6





#25

Isophorone

Concen: 32.47 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

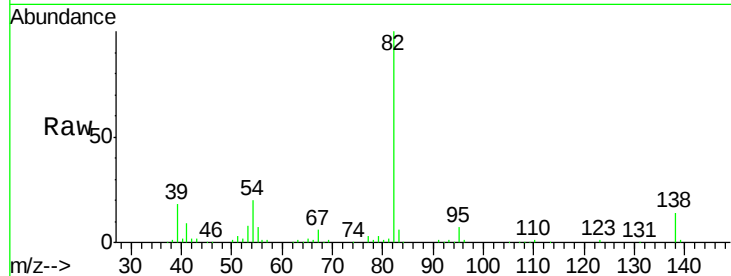
Tot Ion: 82 Resp: 352089

Ion Ratio Lower Upper

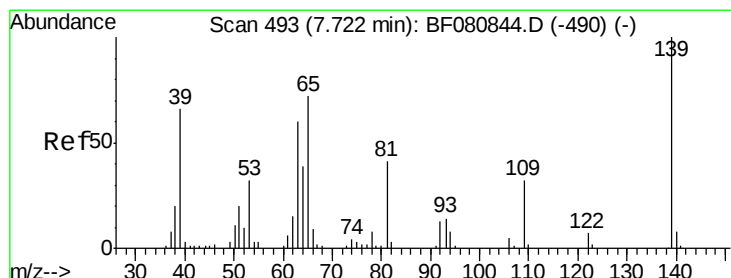
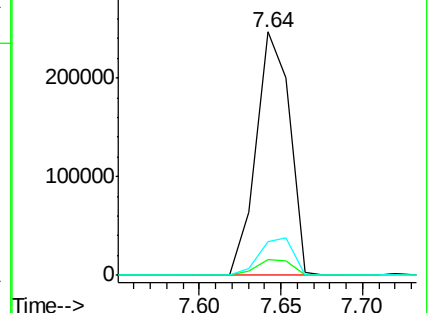
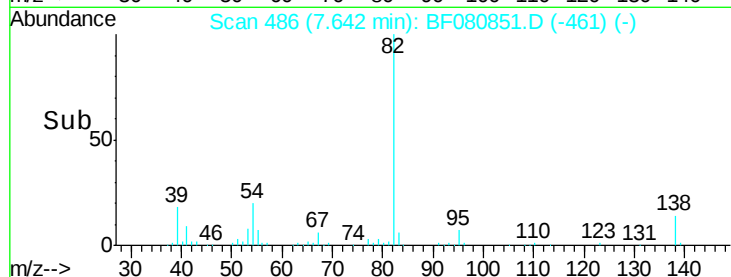
82 100

95 6.5 5.5 8.3

138 13.8 13.3 19.9



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



#26

2-Nitrophenol

Concen: 32.54 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

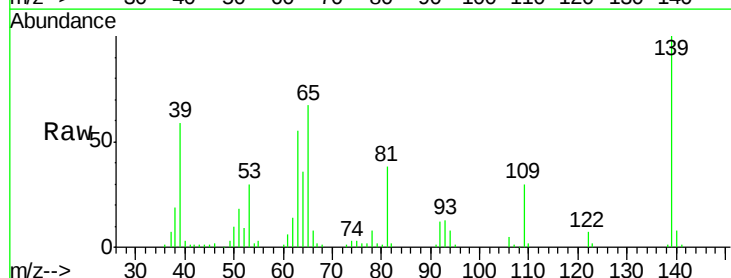
Tgt Ion: 139 Resp: 84735

Ion Ratio Lower Upper

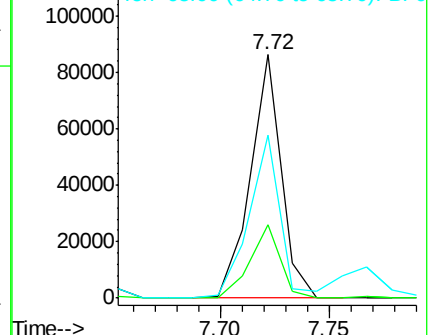
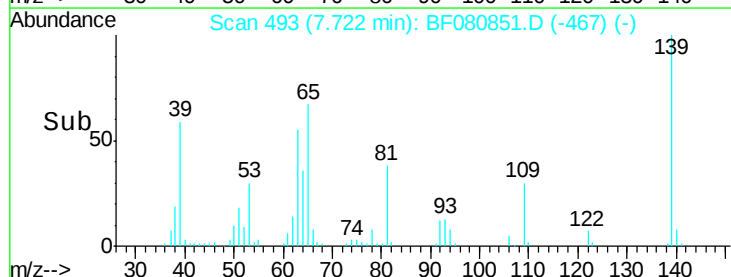
139 100

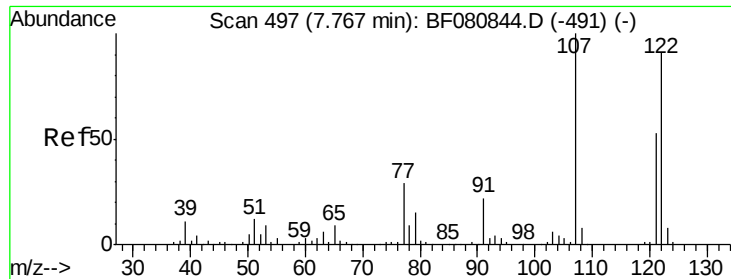
109 30.0 25.2 37.8

65 66.9 57.3 85.9



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

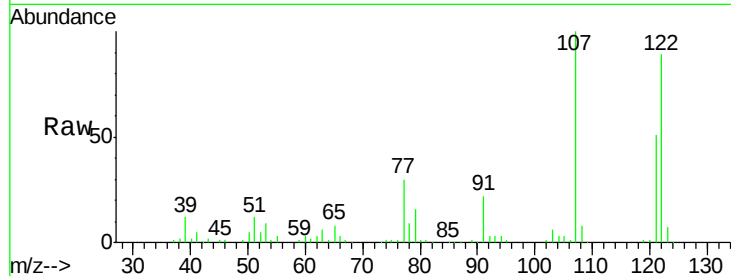




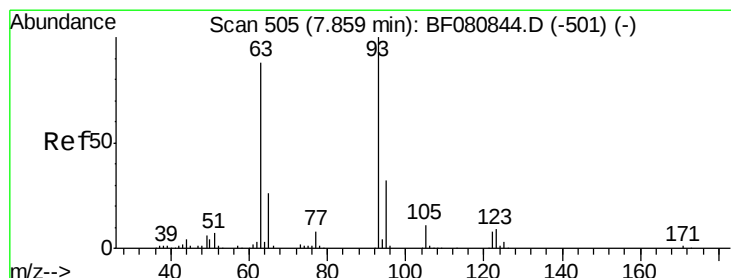
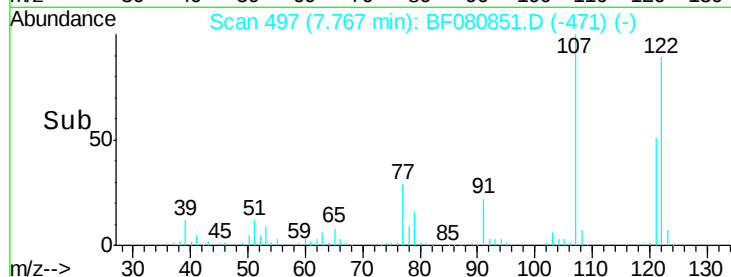
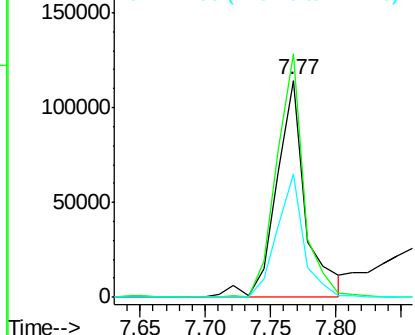
#27
 2,4-Dimethylphenol
 Concen: 37.07 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tot Ion:122 Resp: 179707
 Ion Ratio Lower Upper
 122 100
 107 112.0 88.2 132.4
 121 56.8 46.8 70.2

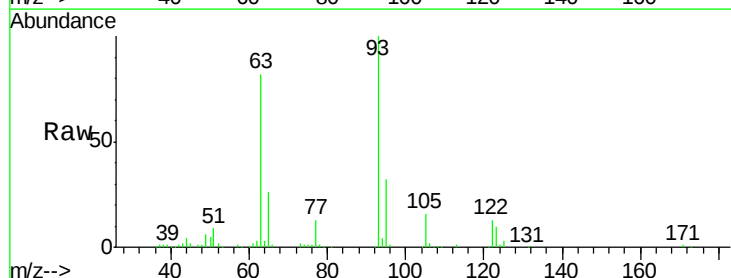


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

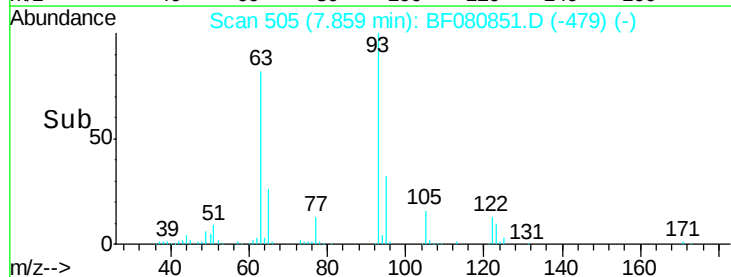
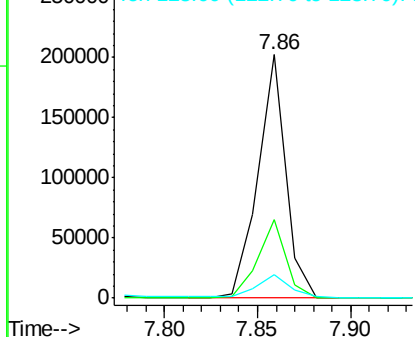


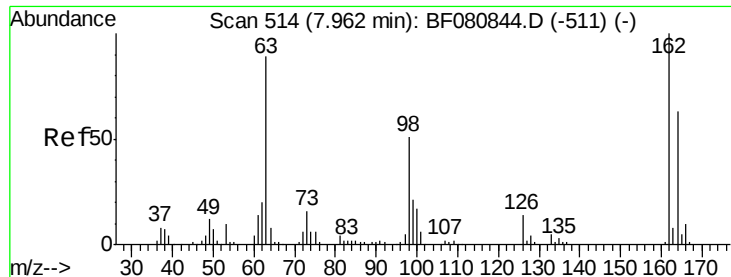
#28
 bis(2-Chloroethoxy)methane
 Concen: 31.83 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion: 93 Resp: 212263
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.9 38.9
 123 9.7 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

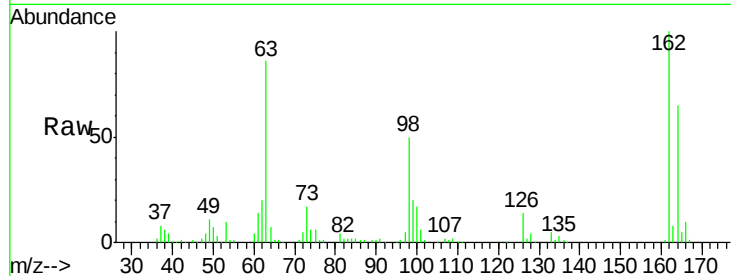




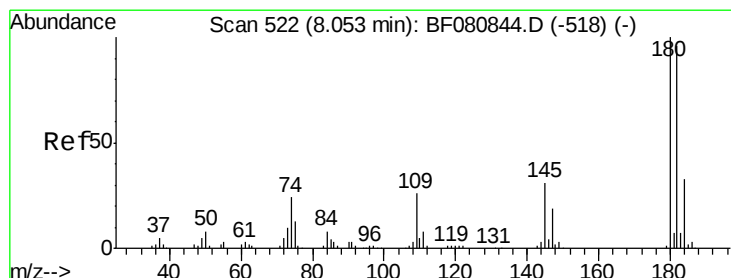
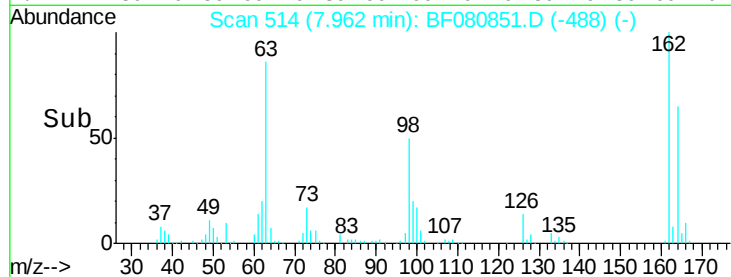
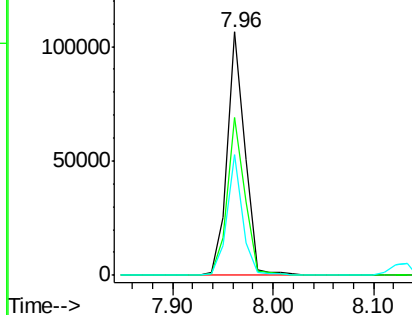
#29
 2,4-Dichlorophenol
 Concen: 32.67 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.1	83.1
98	49.6	31.3	71.3

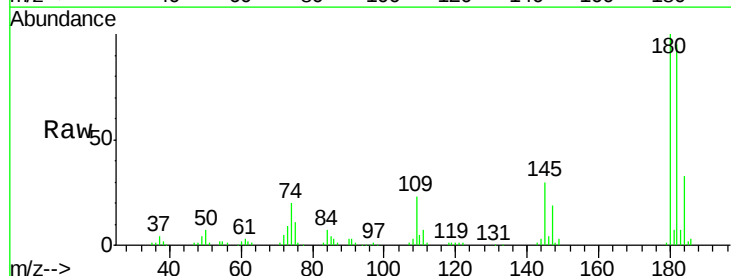


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

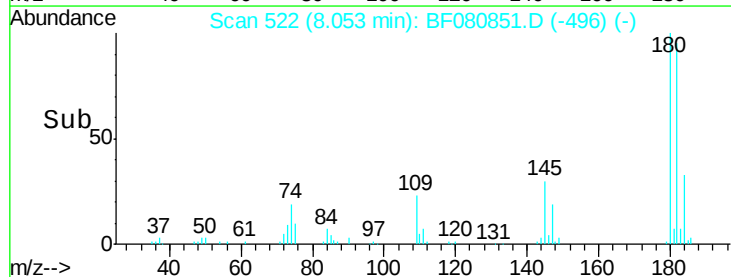
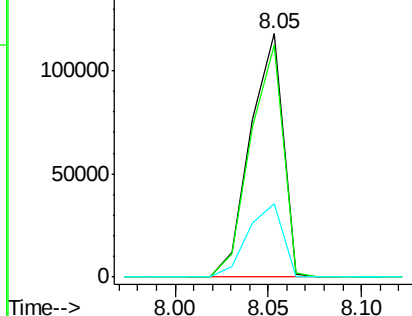


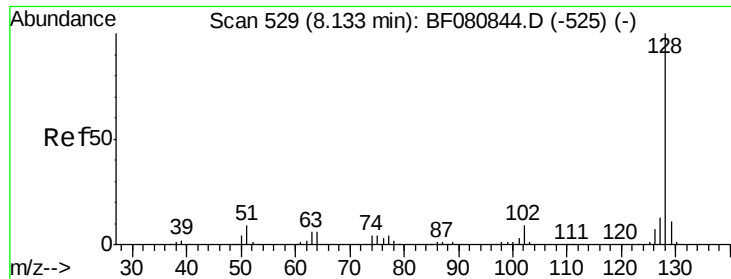
#30
 1,2,4-Trichlorobenzene
 Concen: 31.38 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.0	115.4
145	30.0	25.1	37.7



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

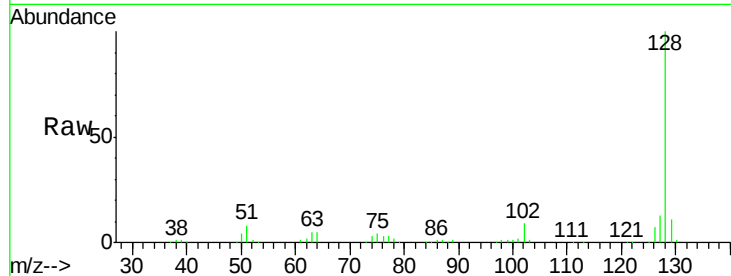




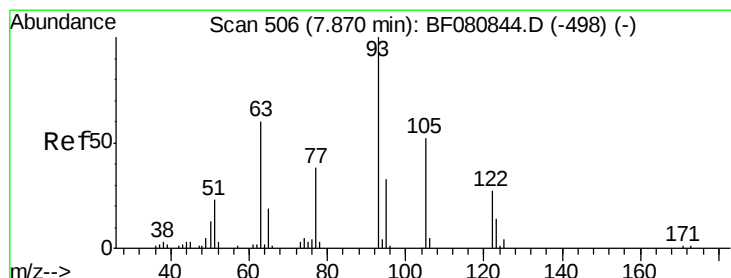
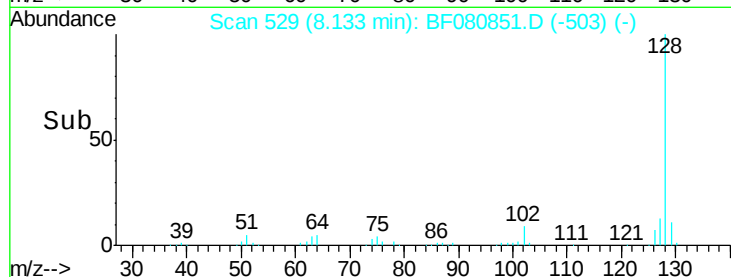
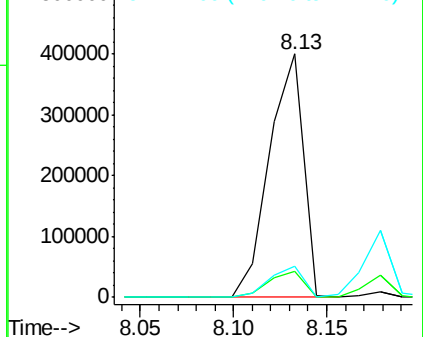
#31
Naphthalene
Concen: 32.66 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

Tot Ion:128 Resp: 513095
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.7 10.6 15.8

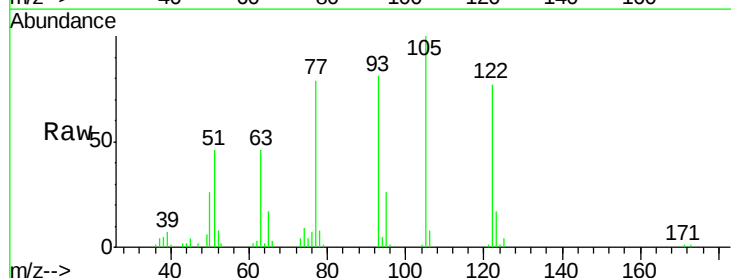


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

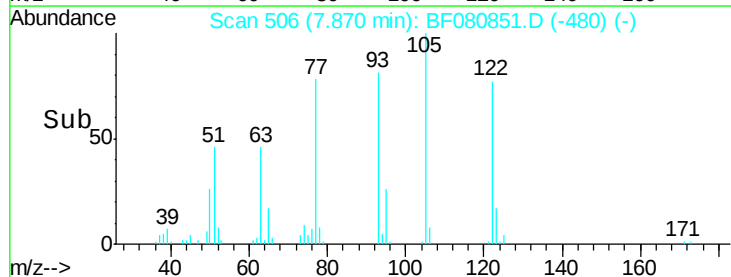
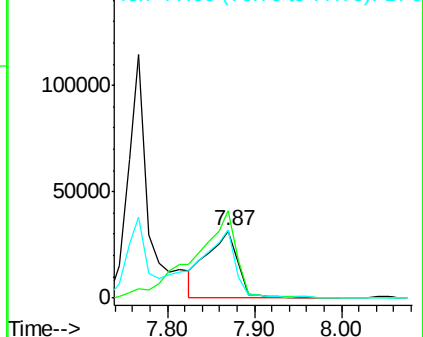


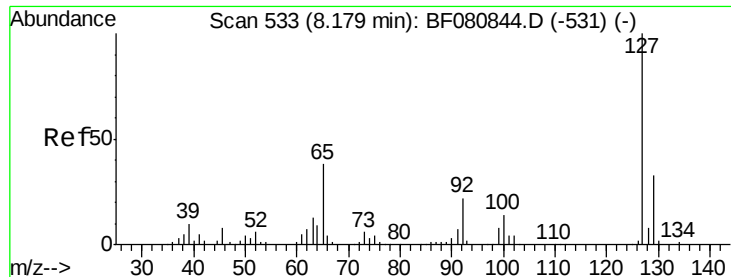
#32
Benzoic acid
Concen: 26.06 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion:122 Resp: 81419
Ion Ratio Lower Upper
122 100
105 129.4 110.1 150.1
77 102.2 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

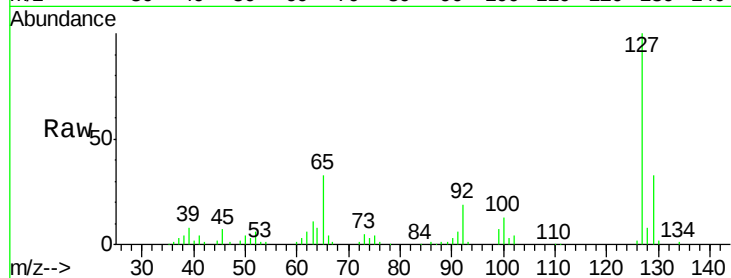




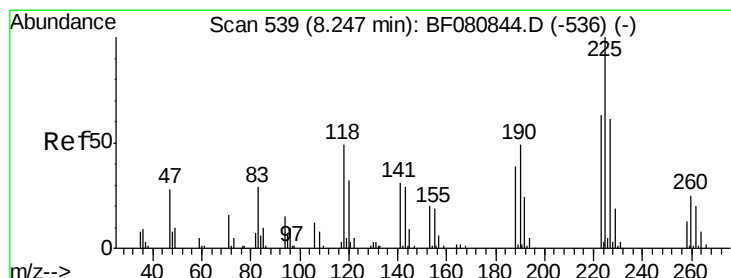
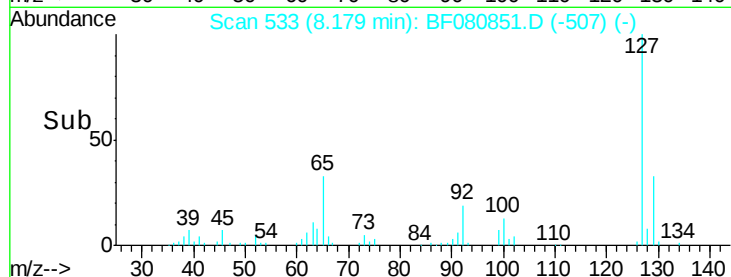
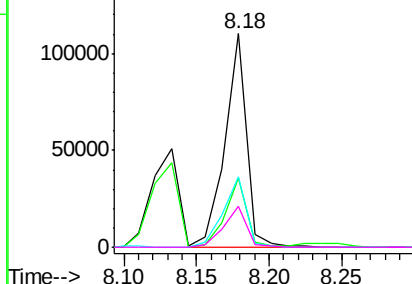
#33
4-Chloroaniline
Concen: 18.52 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

Tot Ion:	127	Resp:	113779
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	33.0	30.3	45.5
92	19.0	17.3	25.9

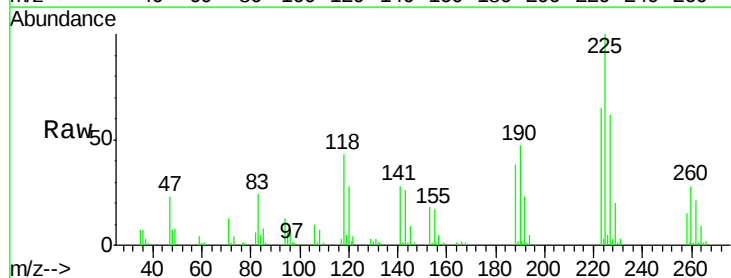


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

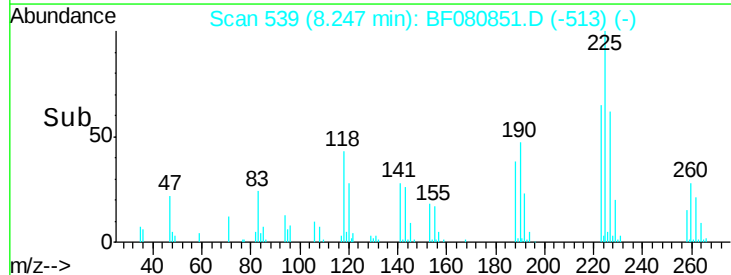
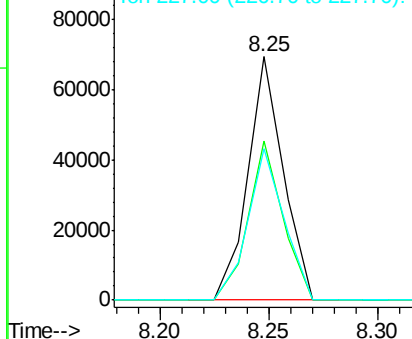


#34
Hexachlorobutadiene
Concen: 30.23 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion:	225	Resp:	78481
Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.0	75.0
227	62.4	48.5	72.7



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





#35

Caprolactam

Concen: 25.81 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

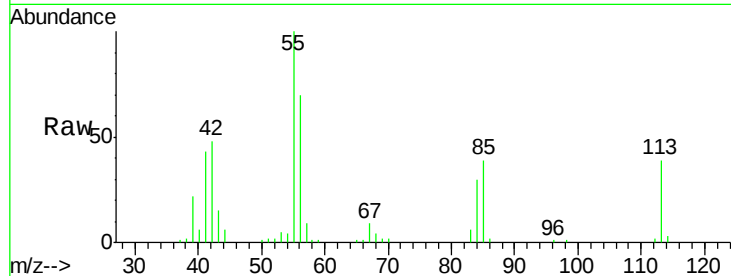
Tot Ion:113 Resp: 29495

Ion Ratio Lower Upper

113 100

55 254.9 236.2 276.2

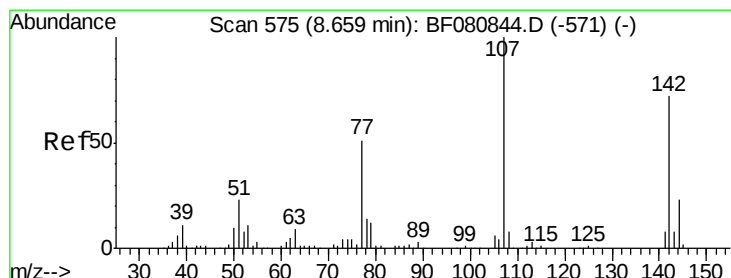
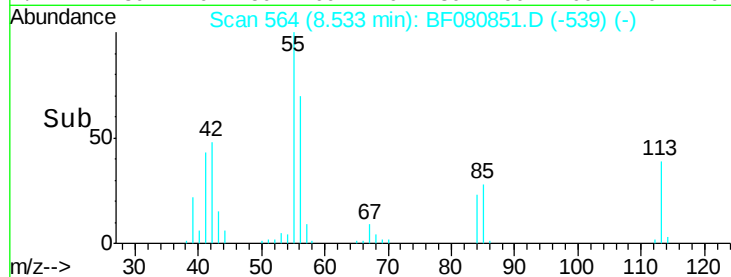
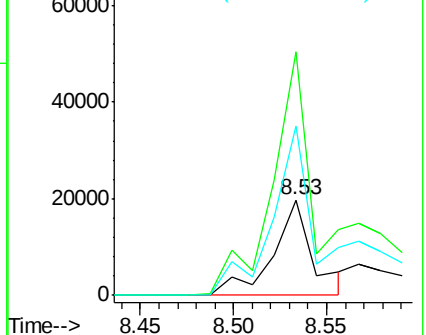
56 177.3 165.2 205.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 33.51 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

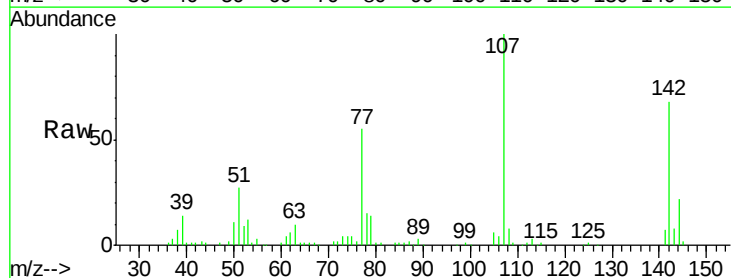
Tgt Ion:107 Resp: 147150

Ion Ratio Lower Upper

107 100

144 21.5 18.3 27.5

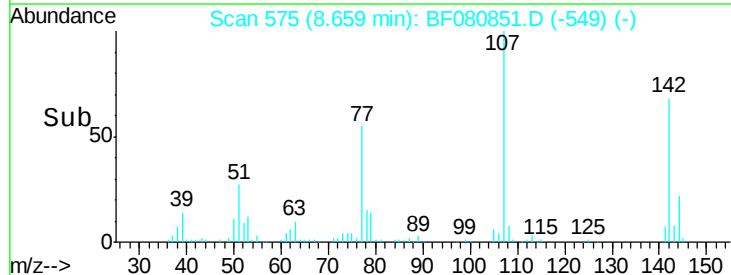
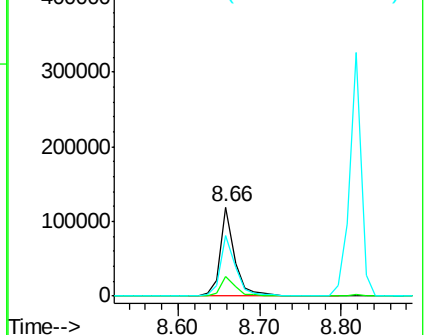
142 67.9 57.8 86.8

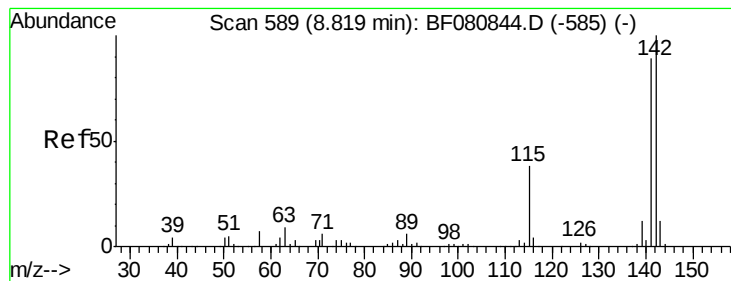


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.89 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

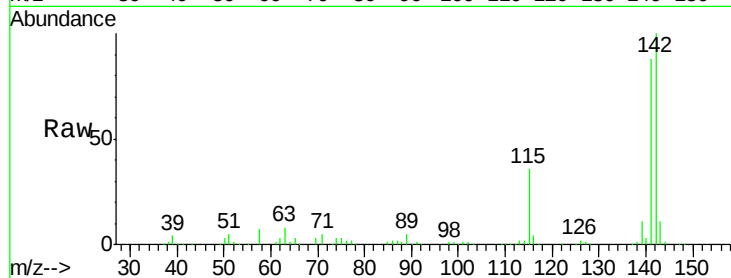
Tot Ion:142 Resp: 319068

Ion Ratio Lower Upper

142 100

141 88.4 71.5 107.3

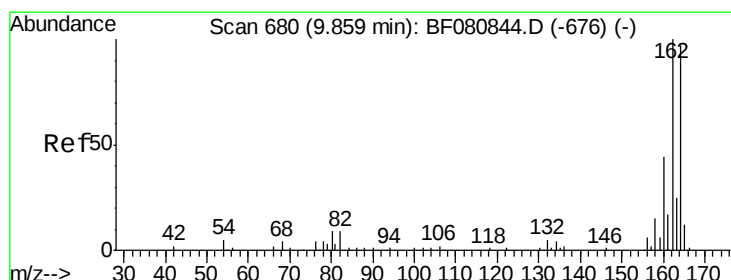
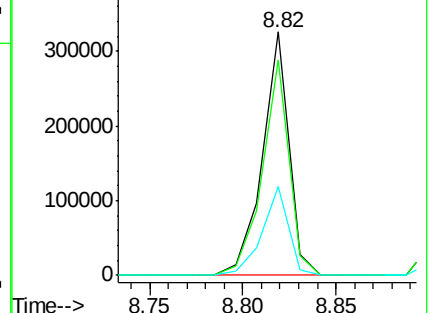
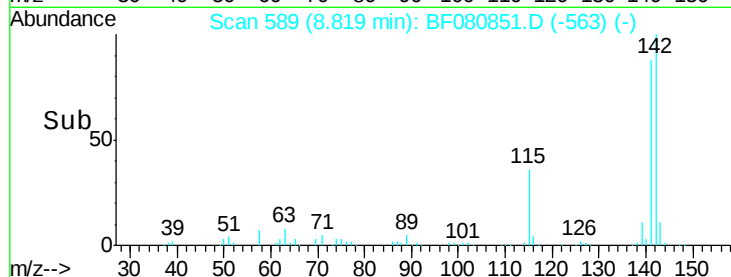
115 36.4 30.5 45.7



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: BF080851.D

Acq: 4 Aug 2015 21:52

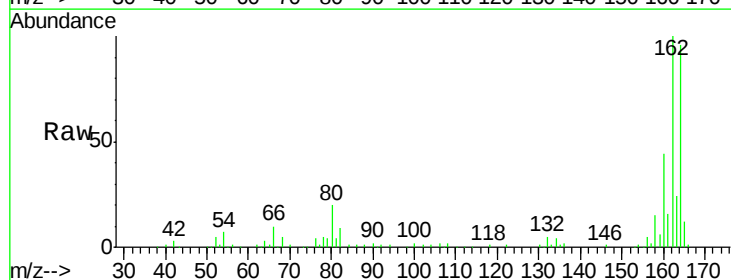
Tgt Ion:164 Resp: 126283

Ion Ratio Lower Upper

164 100

162 103.7 82.9 124.3

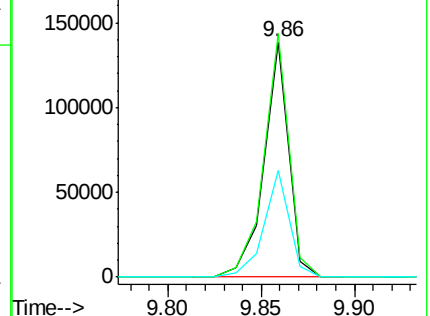
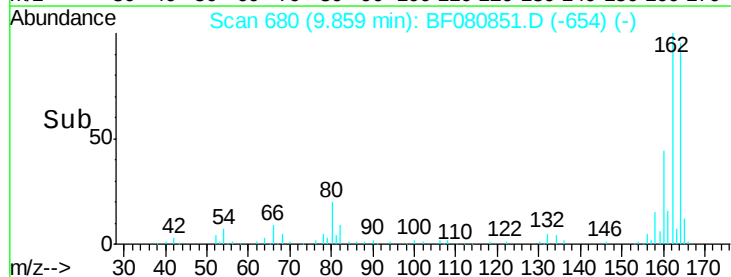
160 45.2 36.6 54.8

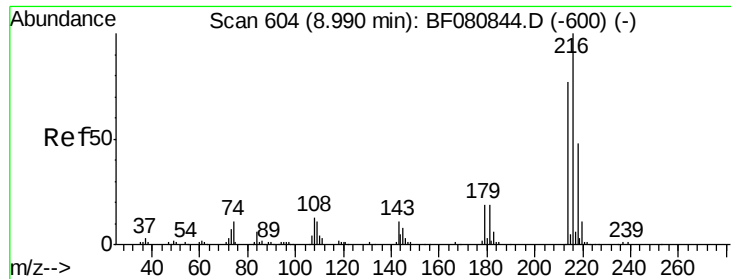


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.80 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

Tot Ion:216 Resp: 124097

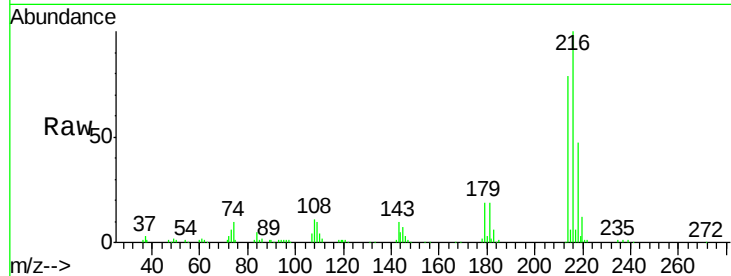
Ion Ratio Lower Upper

216 100

214 79.6 62.1 93.1

179 21.9 17.0 25.6

108 23.7 16.5 24.7

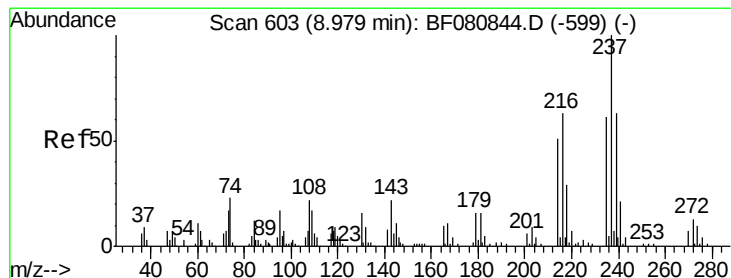
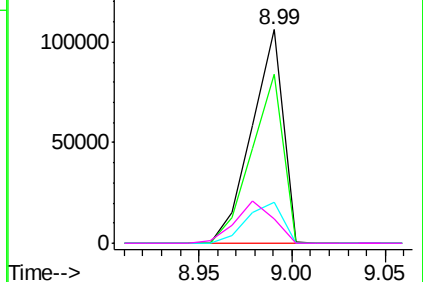
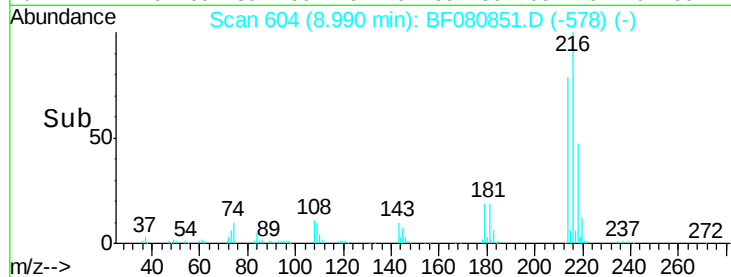


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.54 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

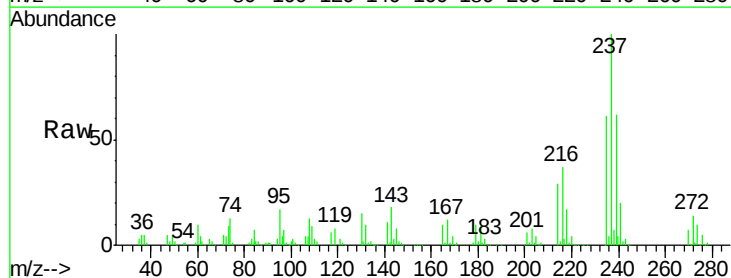
Tgt Ion:237 Resp: 177380

Ion Ratio Lower Upper

237 100

235 61.3 40.9 80.9

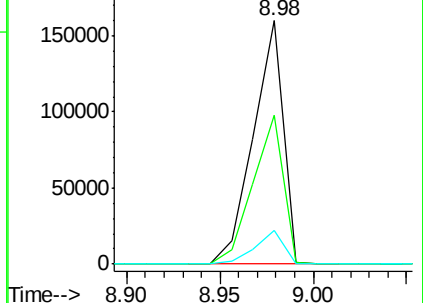
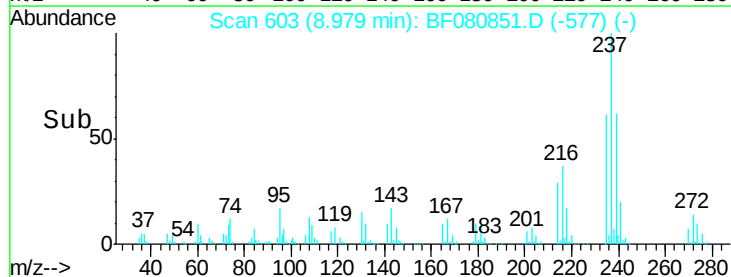
272 13.9 0.0 33.1

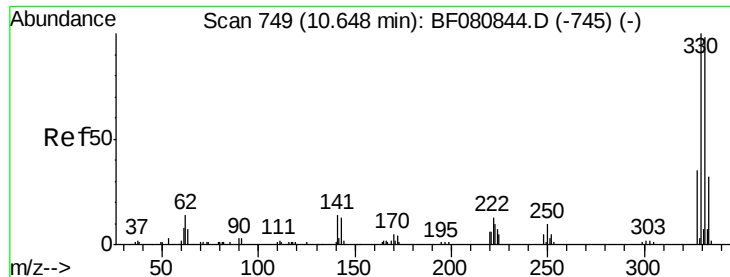


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

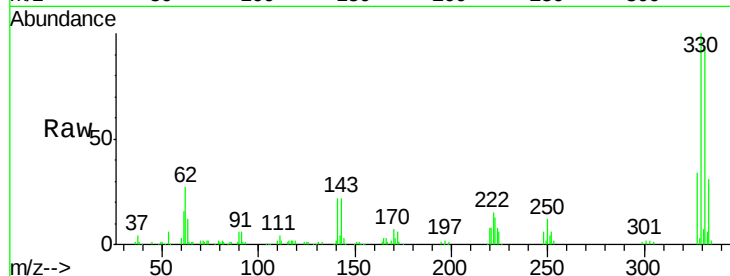




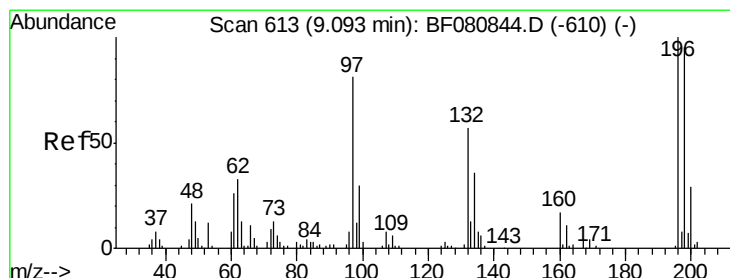
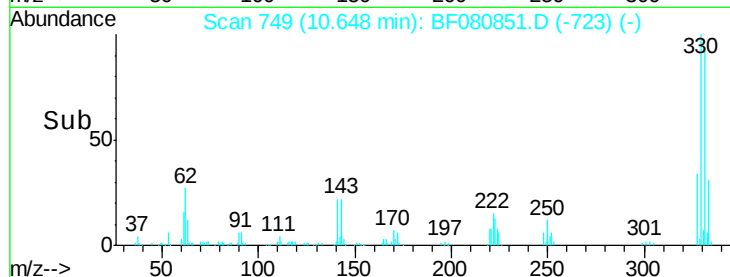
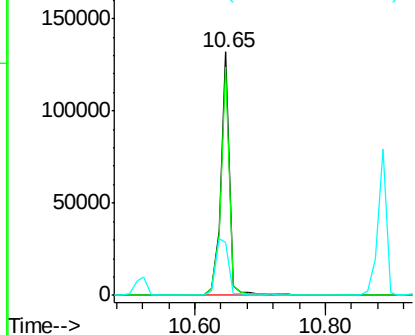
#41
 2,4,6-Tribromophenol
 Concen: 103.97 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.8	116.8
141	35.2	28.4	42.6

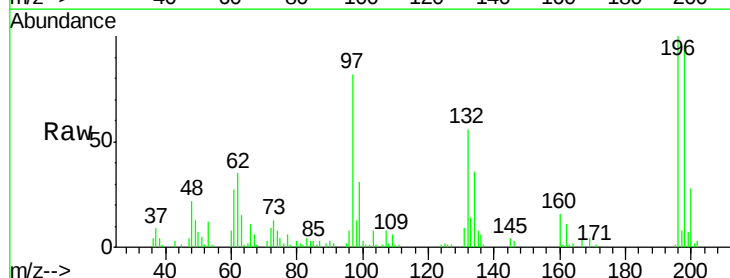


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

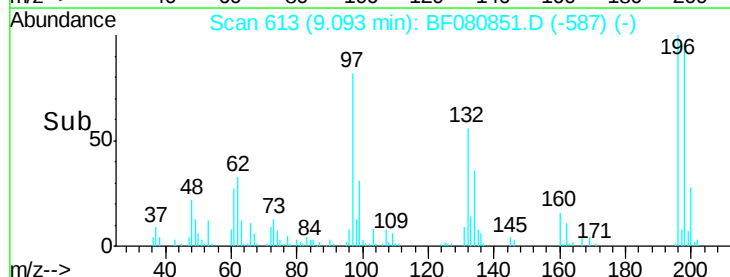
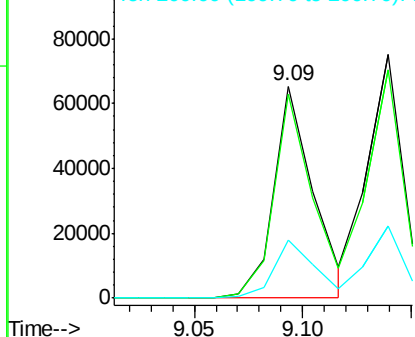


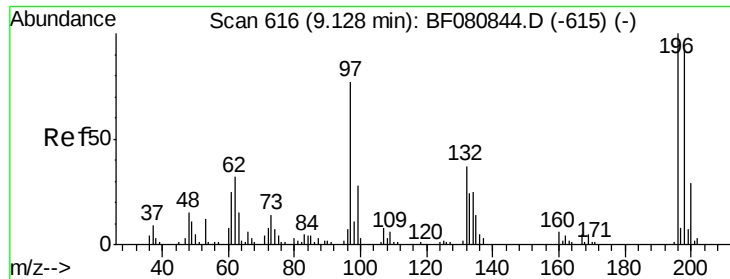
#42
 2,4,6-Trichlorophenol
 Concen: 28.43 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.4	114.6
200	27.6	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

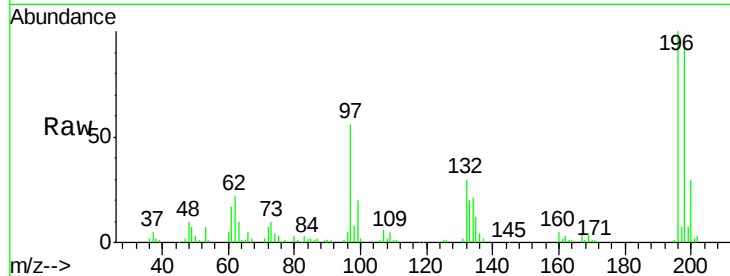




#43
 2,4,5-Trichlorophenol
 Concen: 33.59 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	74.2	111.4
97	56.0	63.0	94.6#
132	29.6	30.0	45.0#



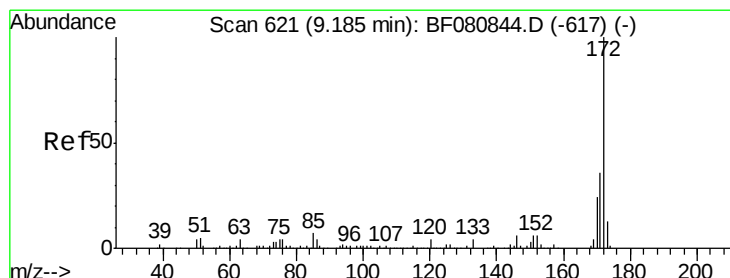
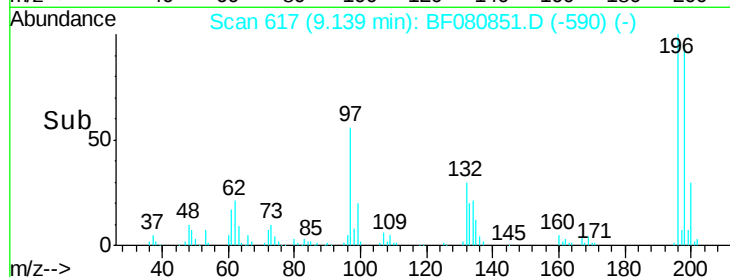
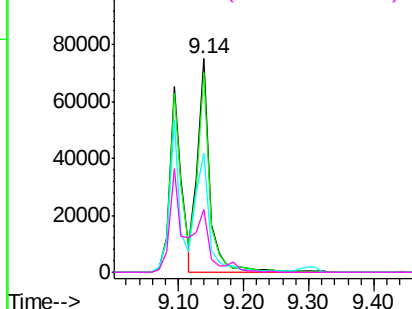
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

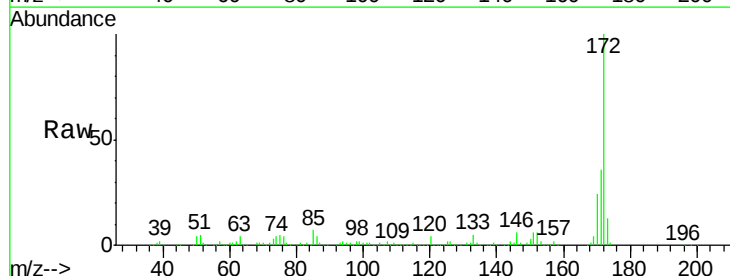
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 66.68 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.8	19.4	29.2

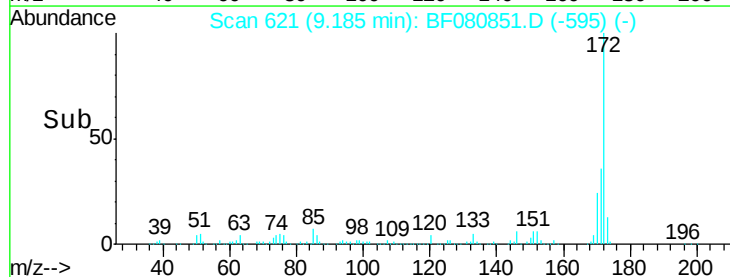
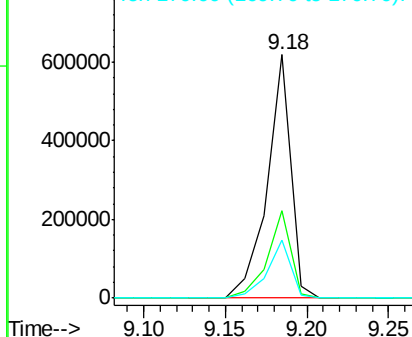


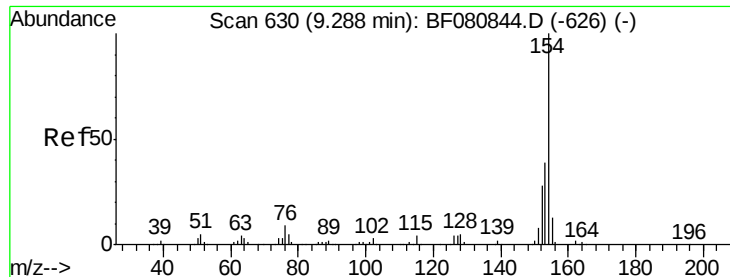
Abundance

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: 33.24 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

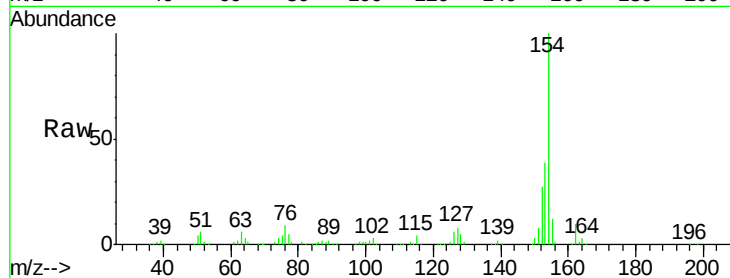
Tot Ion:154 Resp: 386980

Ion Ratio Lower Upper

154 100

153 39.5 19.2 59.2

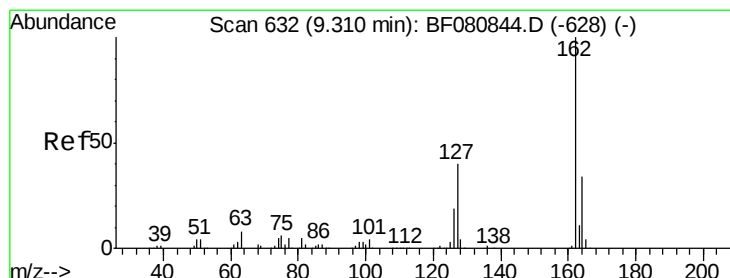
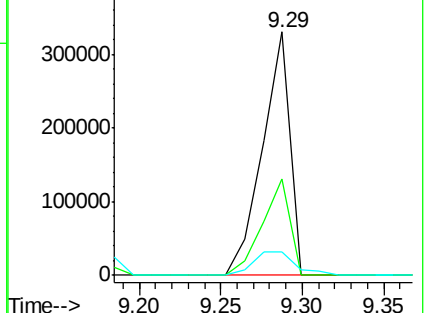
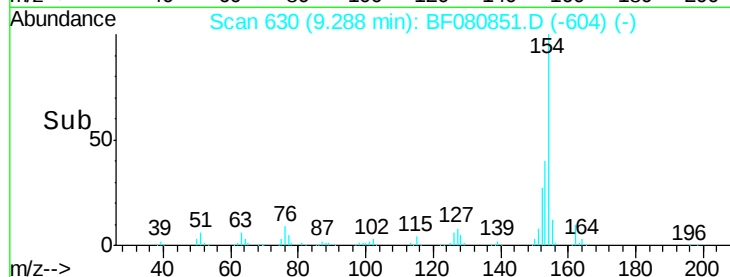
76 9.5 0.0 29.3



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: 30.64 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

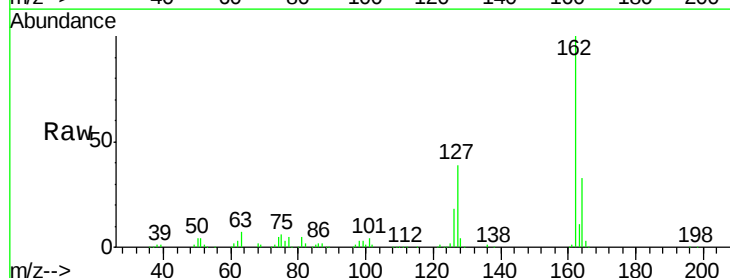
Tgt Ion:162 Resp: 277448

Ion Ratio Lower Upper

162 100

127 38.6 31.9 47.9

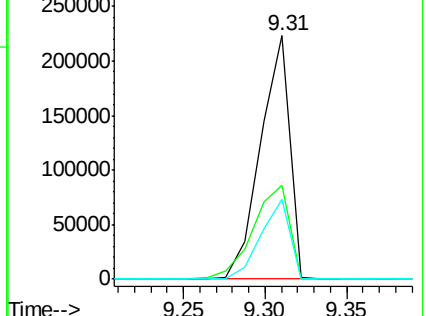
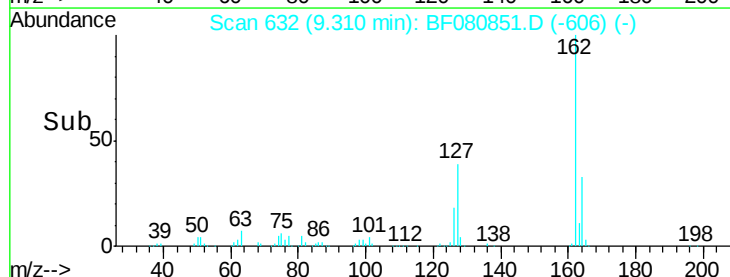
164 32.8 26.8 40.2

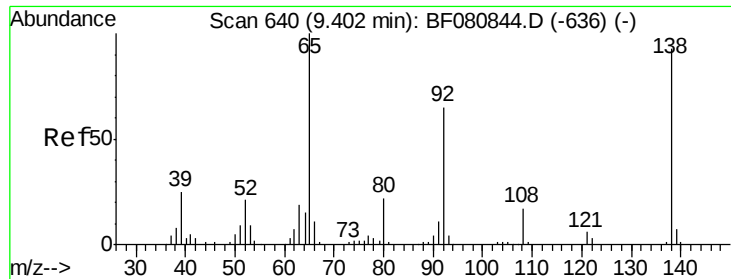


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

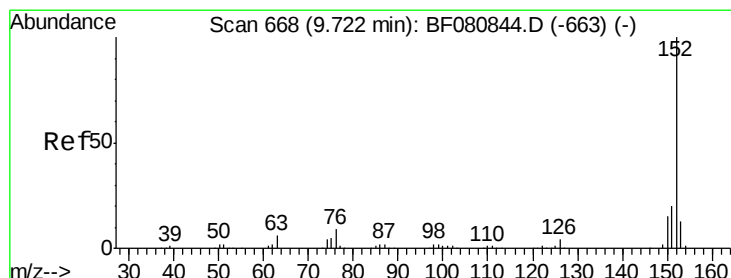
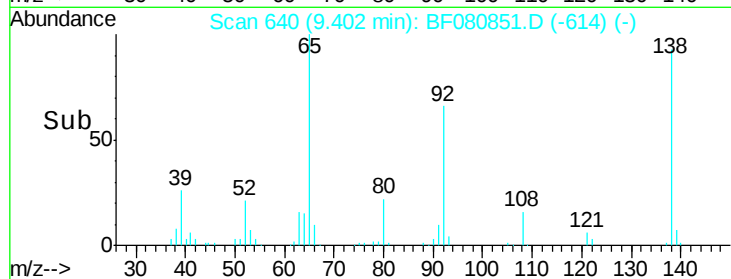
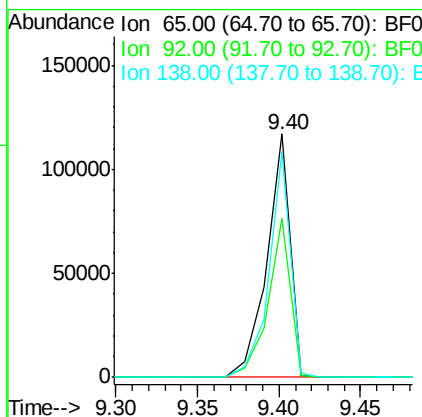
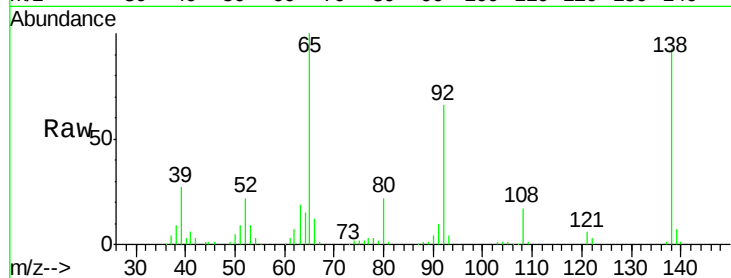




#47
 2-Nitroaniline
 Concen: 35.23 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

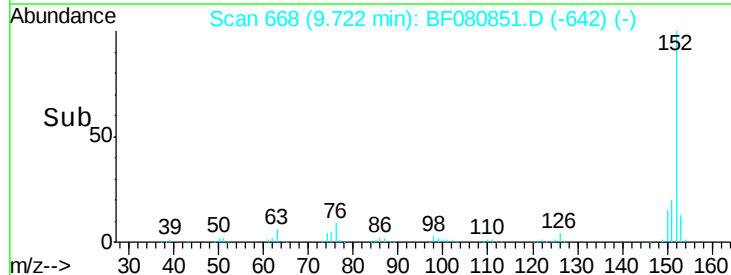
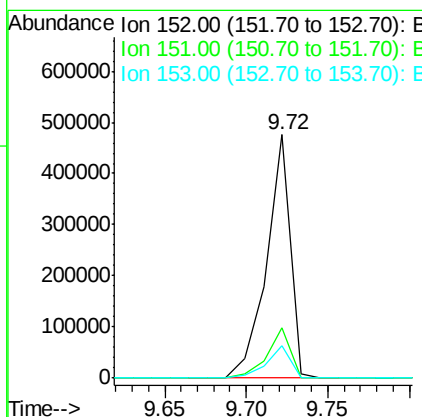
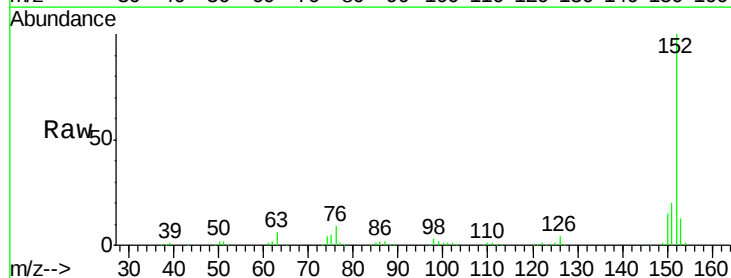
Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

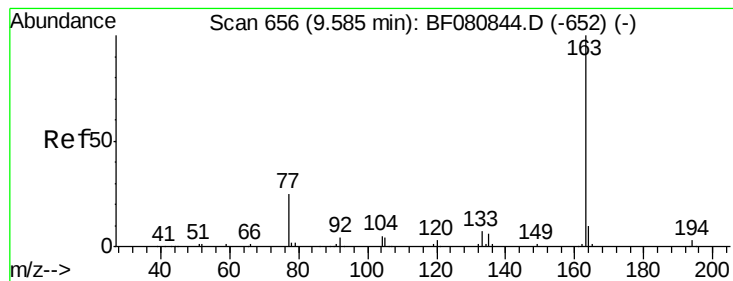
Tot Ion: 65 Resp: 116122
 Ion Ratio Lower Upper
 65 100
 92 65.5 51.7 77.5
 138 92.9 74.2 111.2



#48
 Acenaphthylene
 Concen: 32.40 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion: 152 Resp: 482753
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.2 24.4
 153 13.2 10.6 15.8





#49

Dimethylphthalate

Concen: 32.50 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

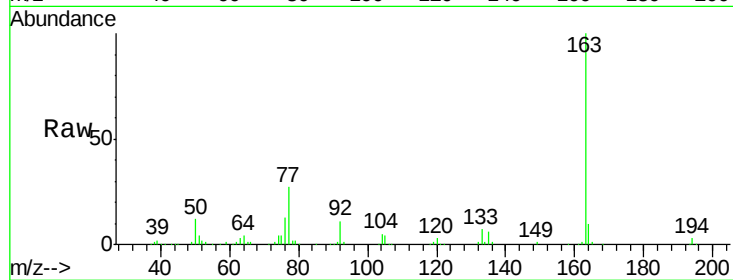
Tot Ion:163 Resp: 299317

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

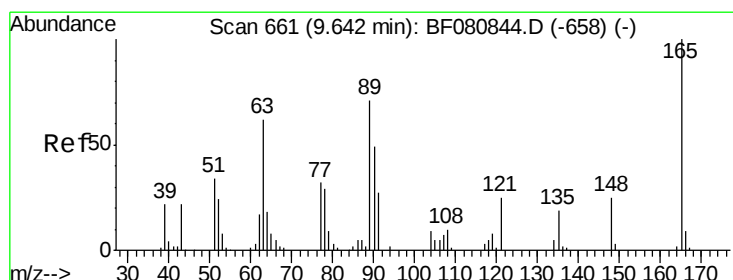
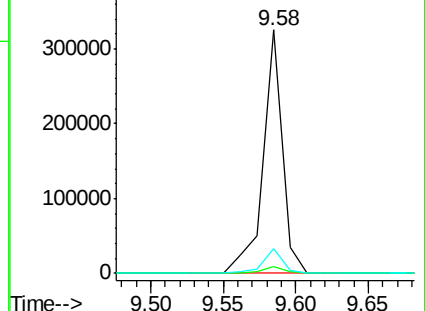
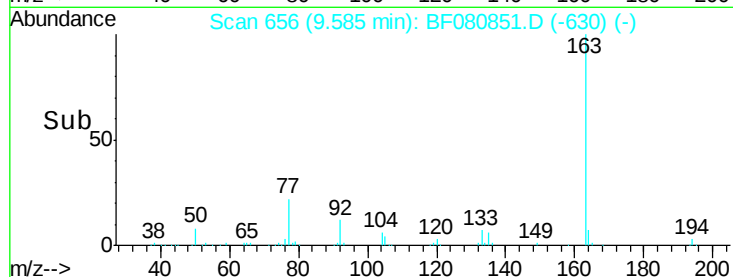
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.31 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

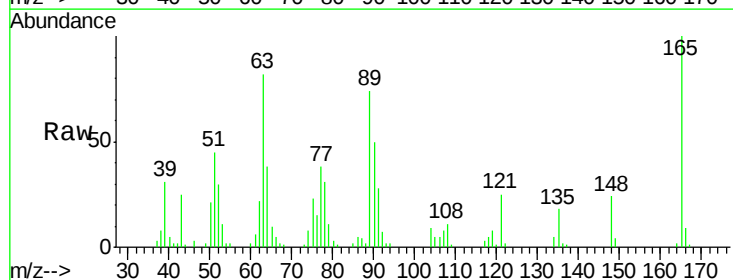
Tgt Ion:165 Resp: 62228

Ion Ratio Lower Upper

165 100

63 82.2 65.0 97.6

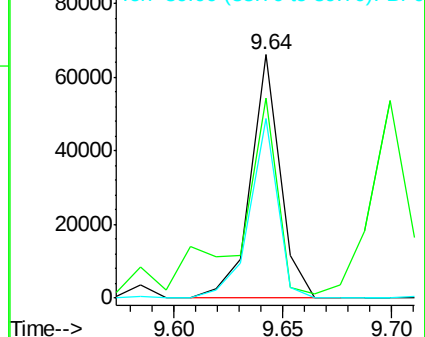
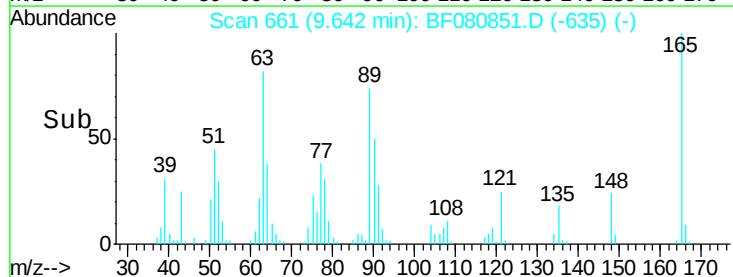
89 73.8 56.6 85.0

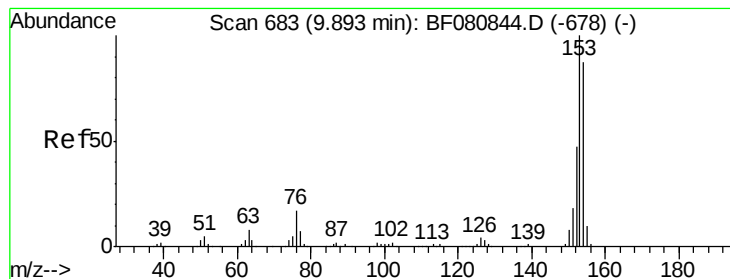


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.94 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

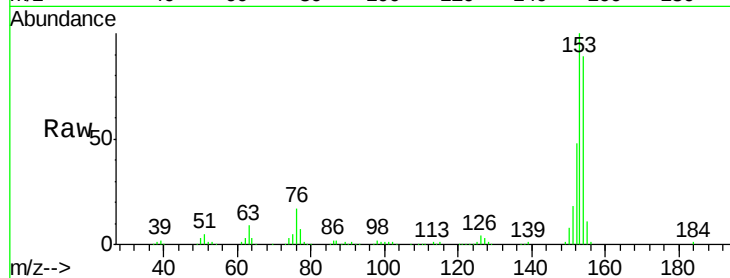
Tot Ion:154 Resp: 330829

Ion Ratio Lower Upper

154 100

153 112.9 91.8 137.6

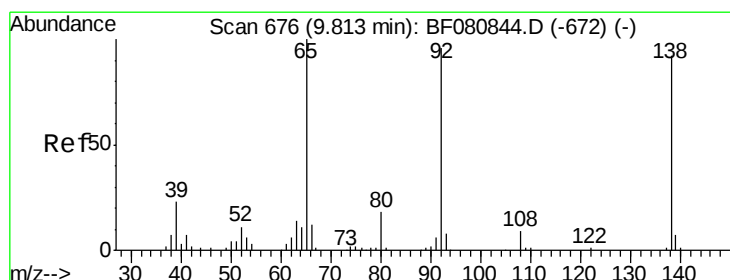
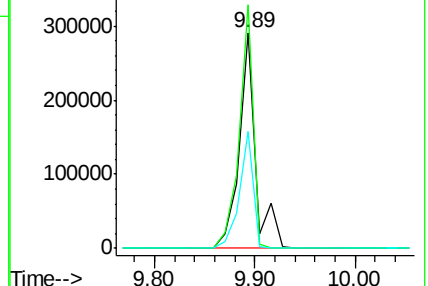
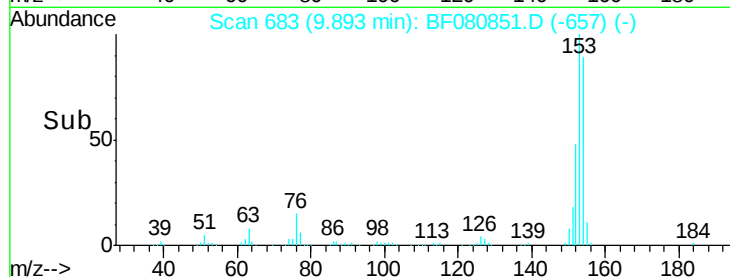
152 54.2 43.2 64.8



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: 20.14 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

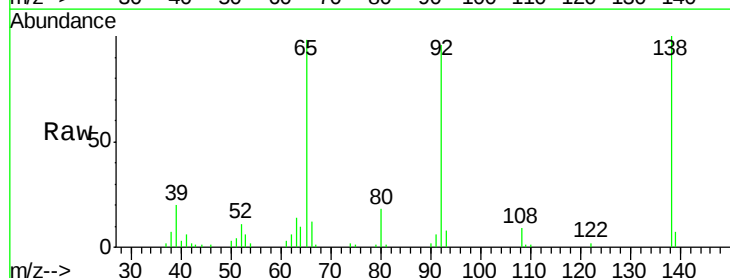
Tgt Ion:138 Resp: 47910

Ion Ratio Lower Upper

138 100

108 8.5 7.9 11.9

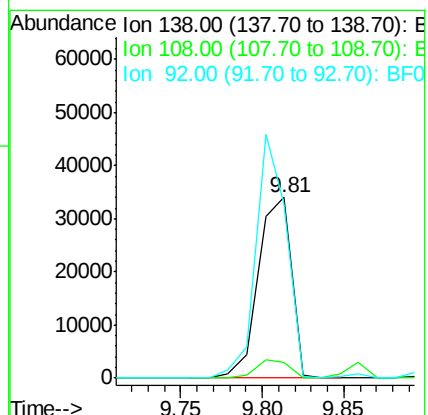
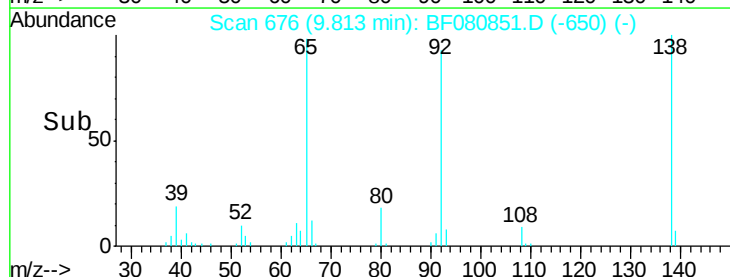
92 96.5 83.7 125.5

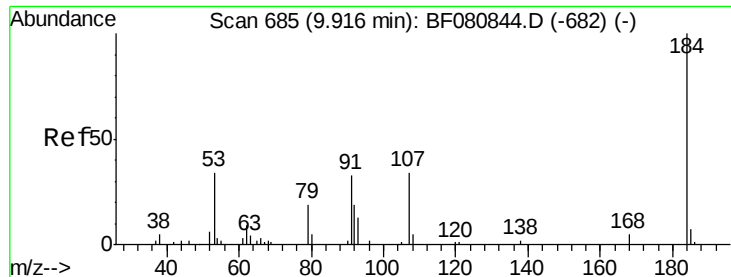


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

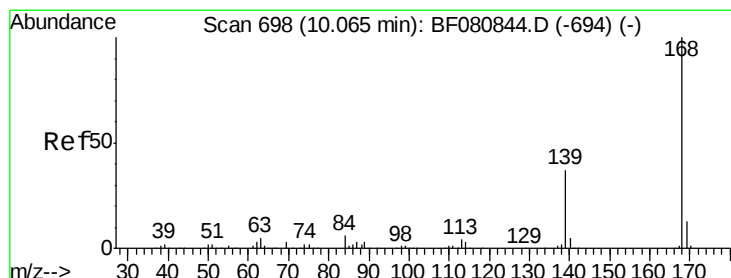
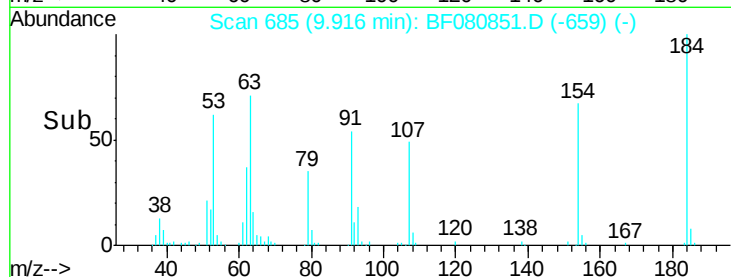
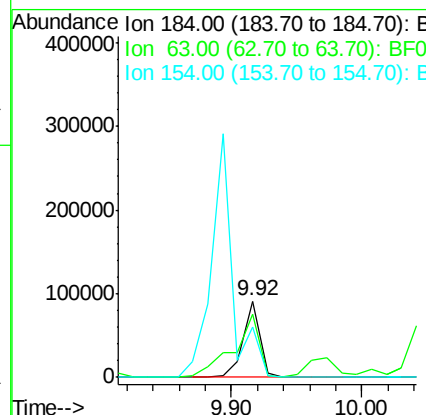
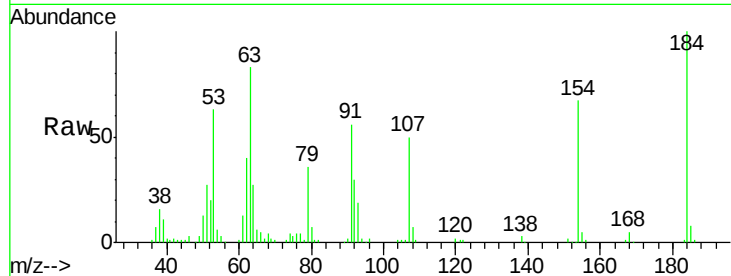




#53
 2,4-Dinitrophenol
 Concen: 63.34 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

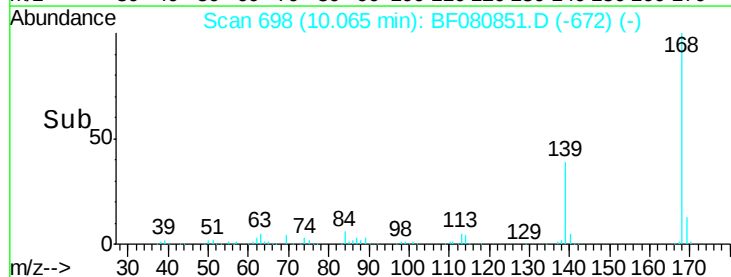
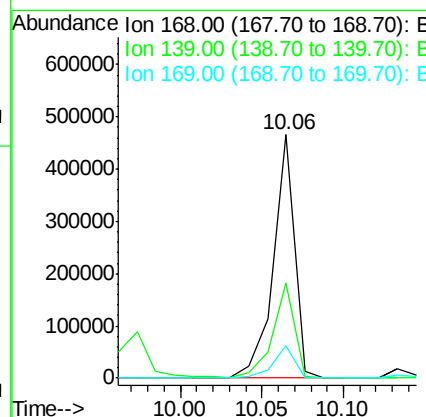
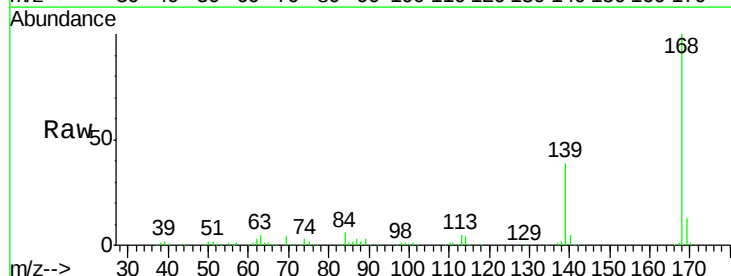
Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

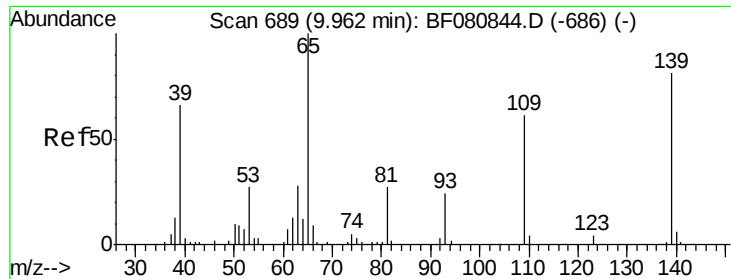
Tot Ion:184 Resp: 81151
 Ion Ratio Lower Upper
 184 100
 63 83.3 33.8 50.6#
 154 66.5 44.2 66.2#



#54
 Dibenzofuran
 Concen: 35.32 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion:168 Resp: 421885
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.0 45.0
 169 13.2 10.6 16.0

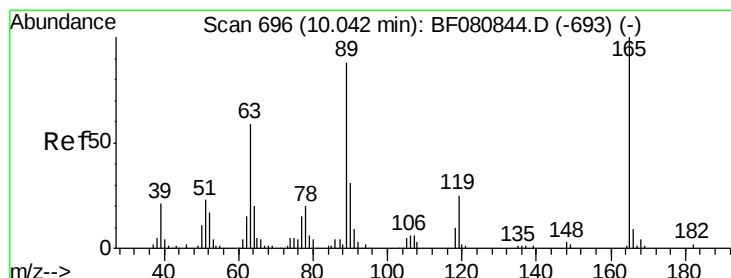
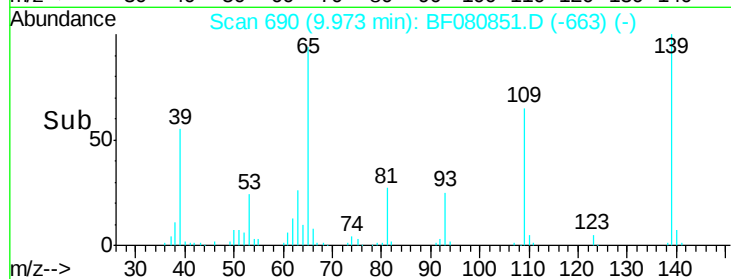
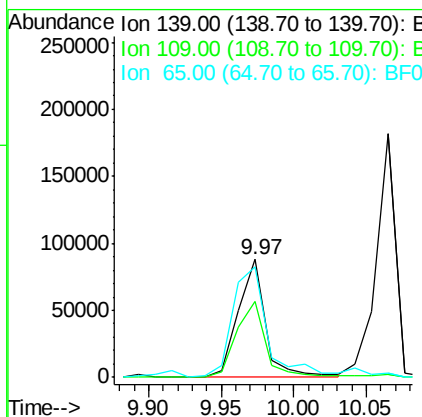
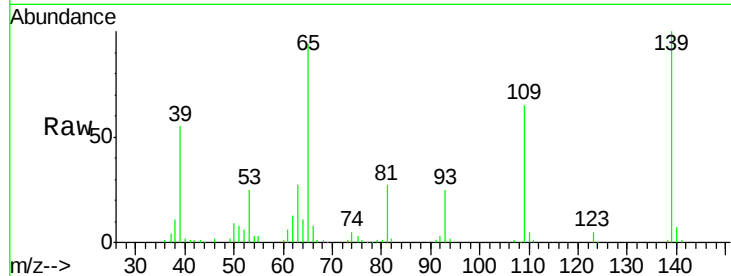




#55
4-Nitrophenol
Concen: 69.60 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

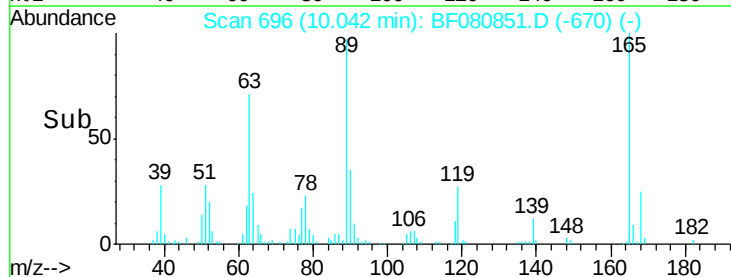
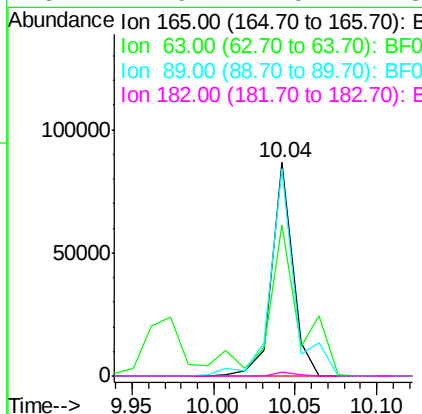
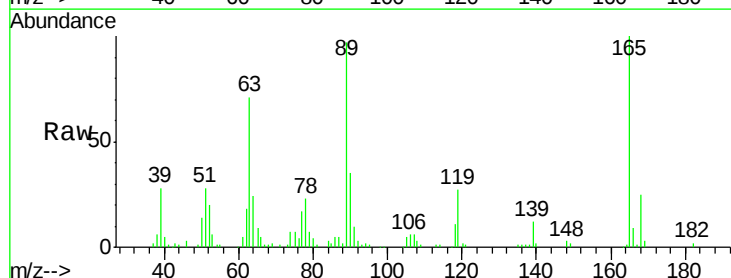
Instrument :
BNA_F
ClientSampleId :
PB84692BS

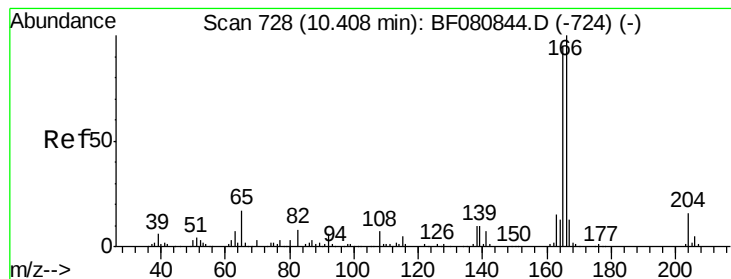
Tot Ion:139 Resp: 116489
Ion Ratio Lower Upper
139 100
109 64.6 54.4 94.4
65 93.6 103.0 143.0#



#56
2,4-Dinitrotoluene
Concen: 32.00 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion:165 Resp: 77814
Ion Ratio Lower Upper
165 100
63 70.6 47.2 70.8
89 97.2 70.2 105.2
182 1.9 1.5 2.3





#57

Fluorene

Concen: 33.27 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

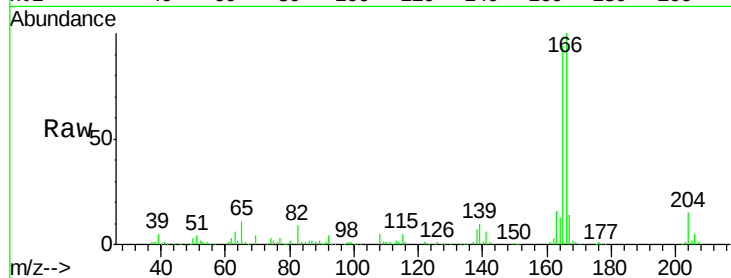
Tot Ion:166 Resp: 303489

Ion Ratio Lower Upper

166 100

165 94.0 76.2 114.2

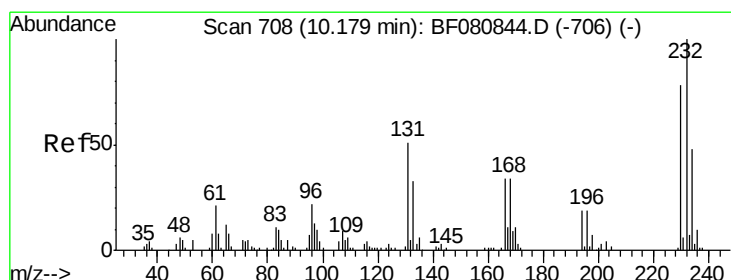
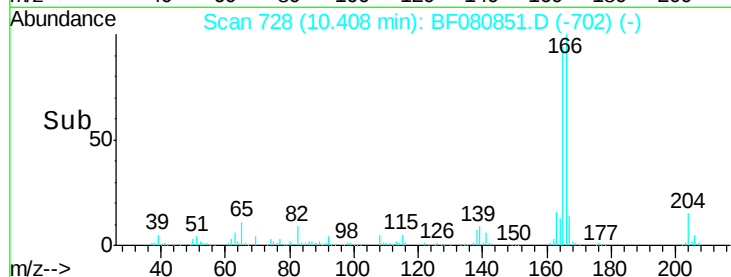
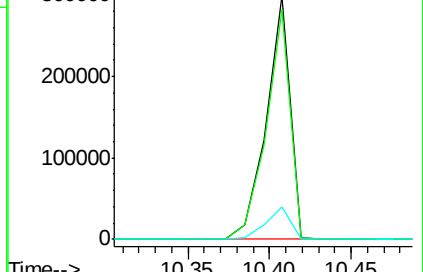
167 13.5 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.94 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Tgt Ion:232 Resp: 75566

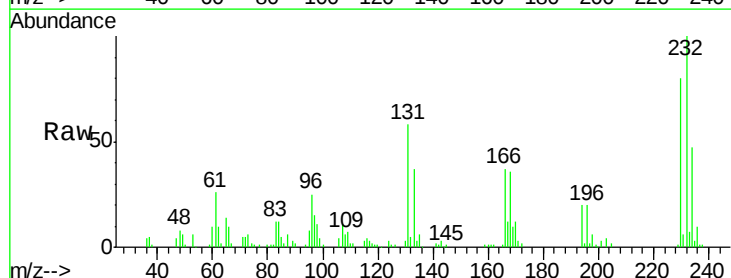
Ion Ratio Lower Upper

232 100

131 53.1 43.7 65.5

130 2.2 1.9 2.9

166 33.2 26.9 40.3

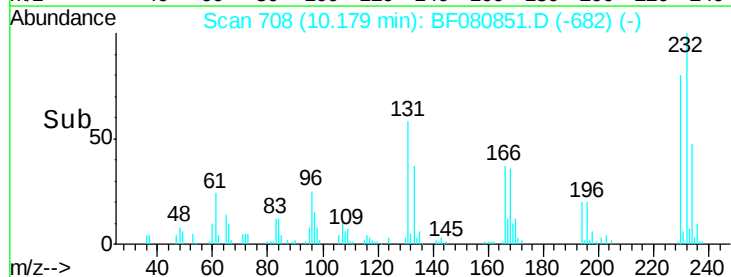
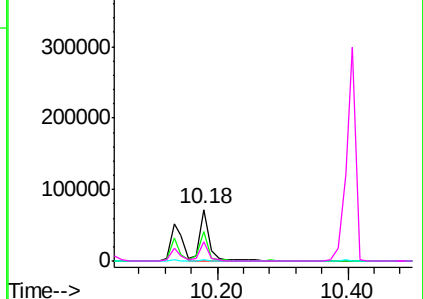


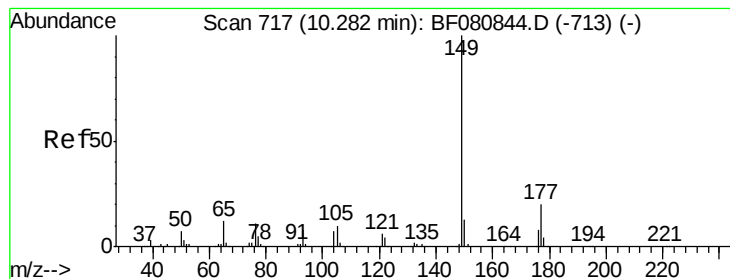
Abundance Ion 232.00 (231.70 to 232.70): E

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: 33.16 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

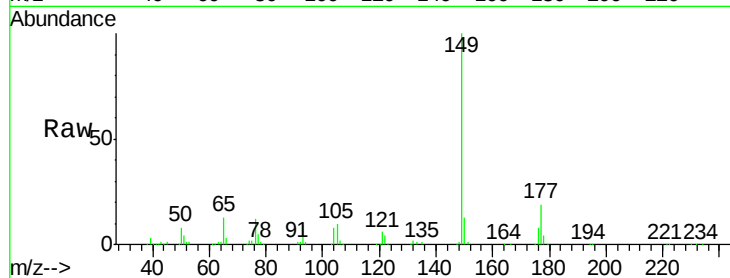
Tot Ion:149 Resp: 302387

Ion Ratio Lower Upper

149 100

177 19.1 15.8 23.8

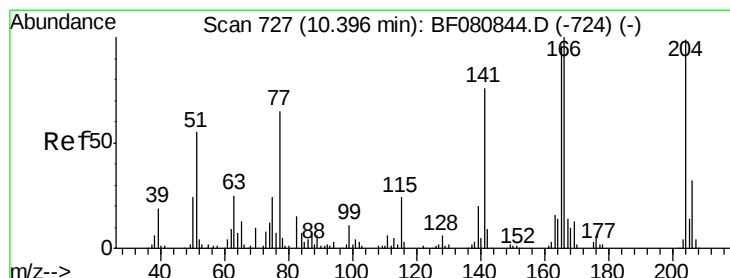
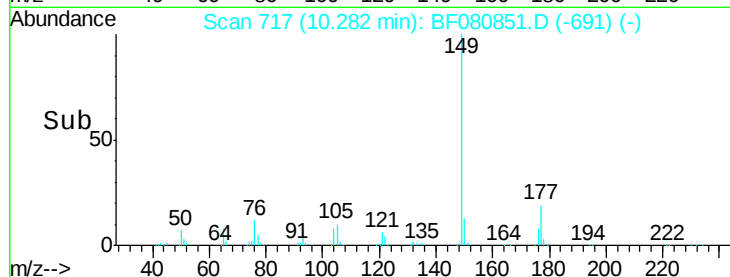
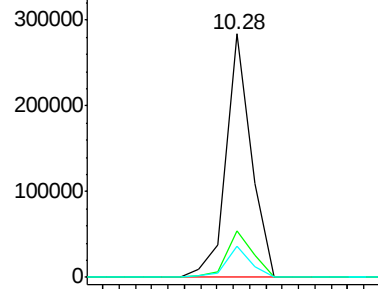
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.71 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

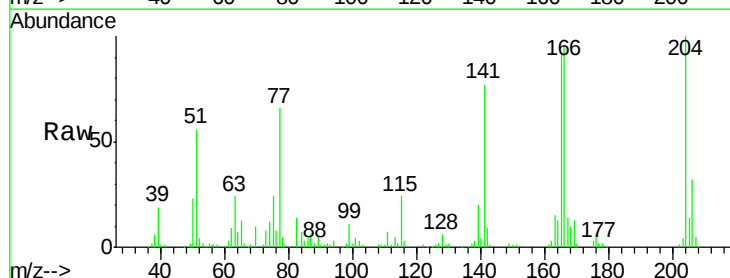
Tgt Ion:204 Resp: 127617

Ion Ratio Lower Upper

204 100

206 32.0 25.8 38.8

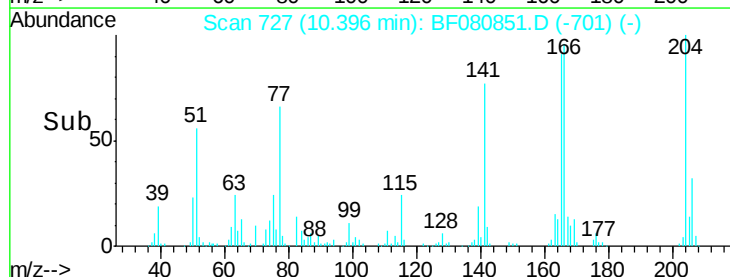
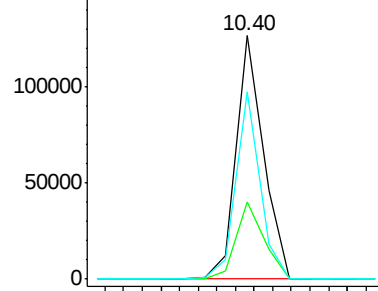
141 76.8 61.4 92.2

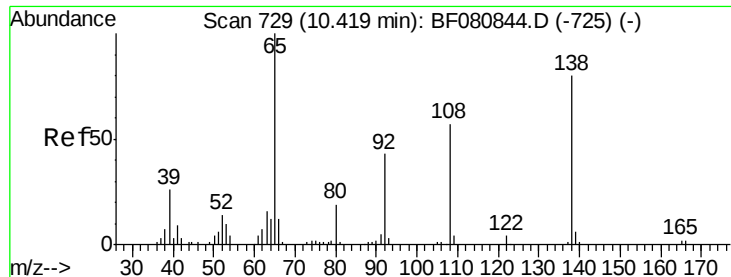


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

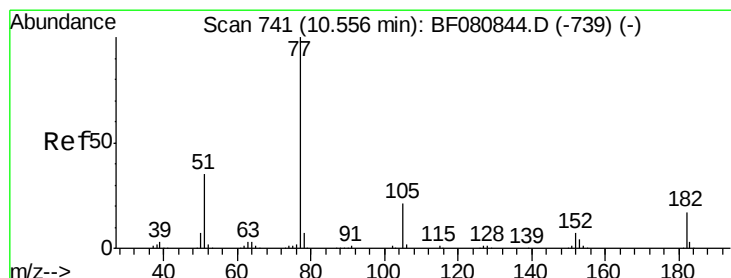
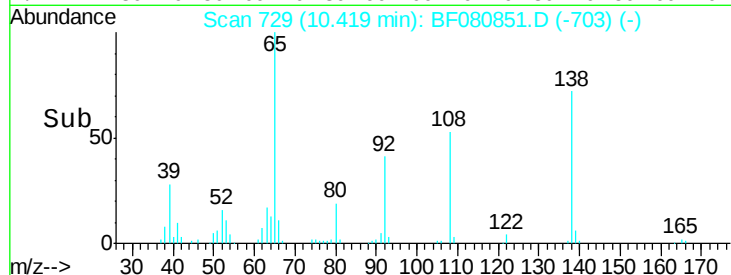
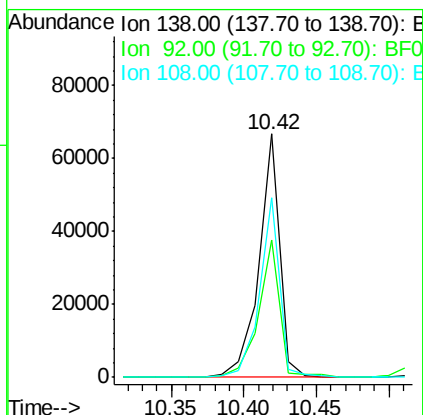
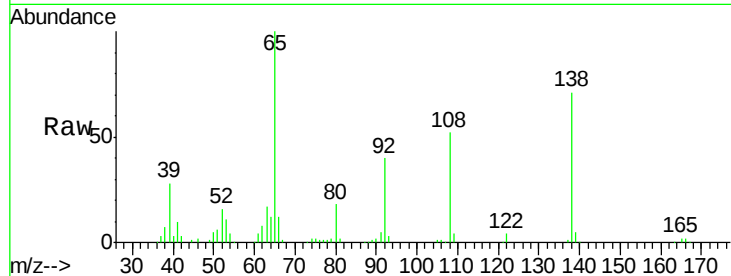




#61
4-Nitroaniline
Concen: 31.16 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

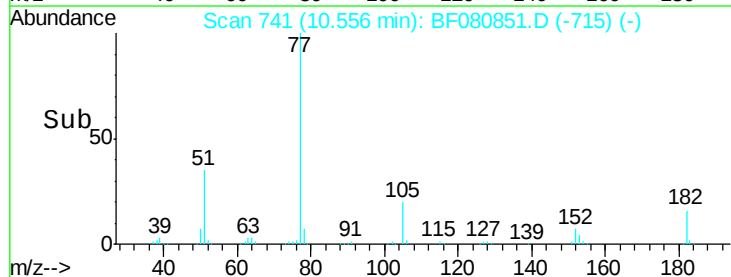
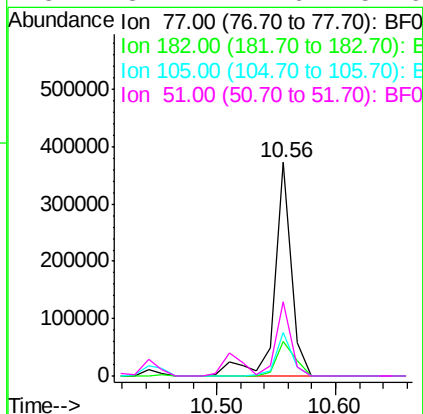
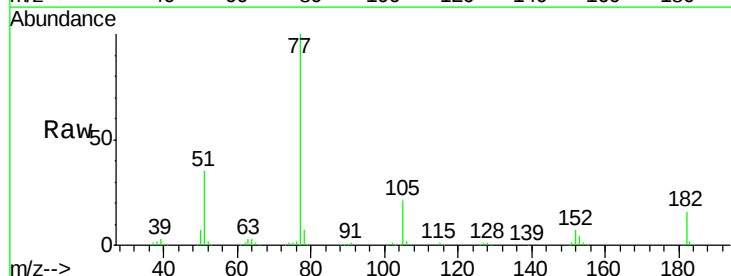
Instrument :
BNA_F
ClientSampleId :
PB84692BS

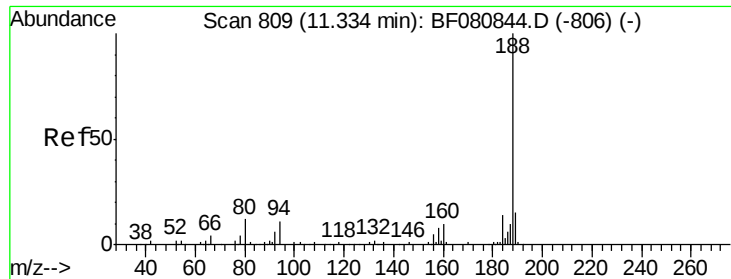
Tot Ion:138 Resp: 66173
Ion Ratio Lower Upper
138 100
92 56.5 33.5 73.5
108 73.5 52.3 92.3



#62
Azobenzene
Concen: 34.42 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion: 77 Resp: 367068
Ion Ratio Lower Upper
77 100
182 15.9 0.0 37.0
105 20.6 1.3 41.3
51 34.7 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: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

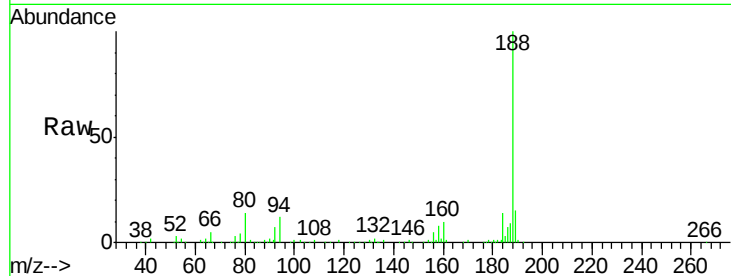
Tot Ion:188 Resp: 204258

Ion Ratio Lower Upper

188 100

94 11.7 8.6 12.8

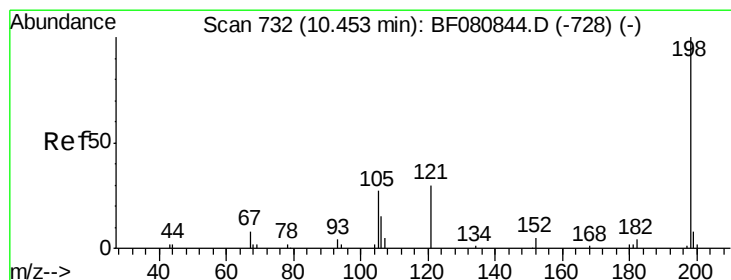
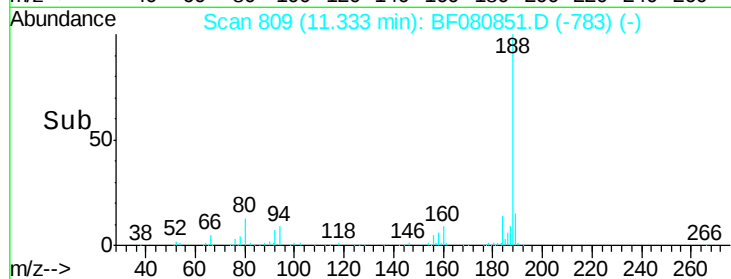
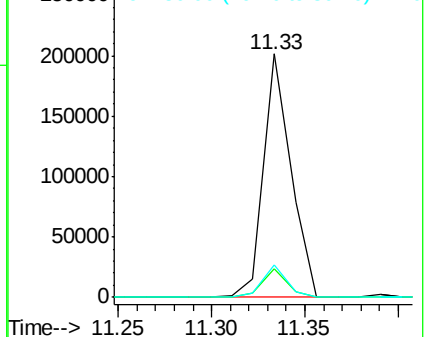
80 13.6 9.3 13.9



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: 34.64 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

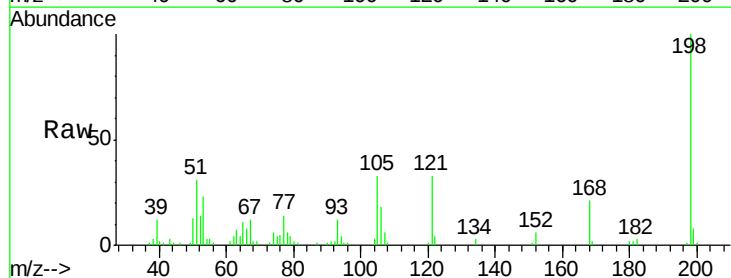
Tgt Ion:198 Resp: 45521

Ion Ratio Lower Upper

198 100

51 30.9 4.7 44.7

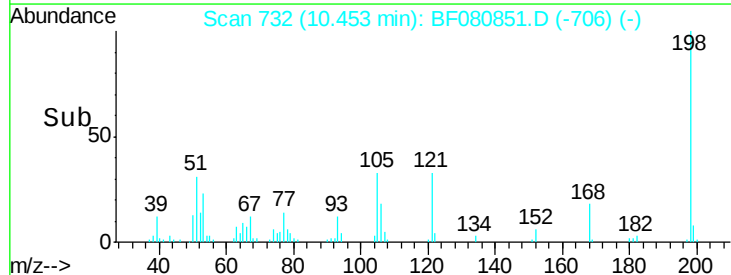
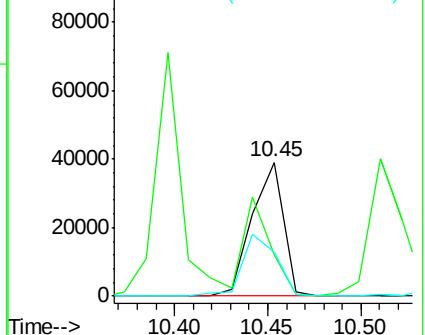
105 33.0 8.5 48.5

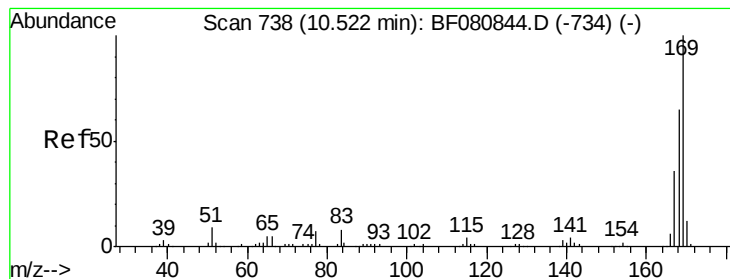


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

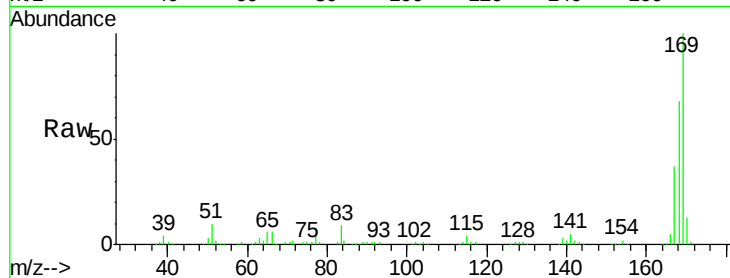




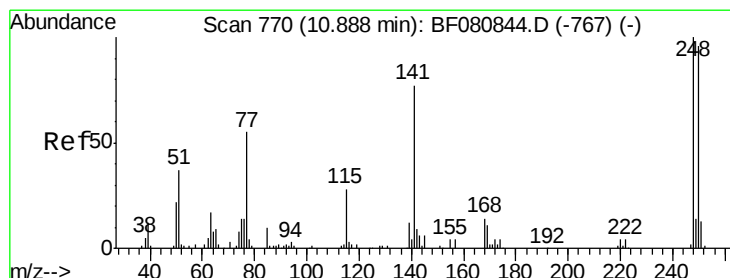
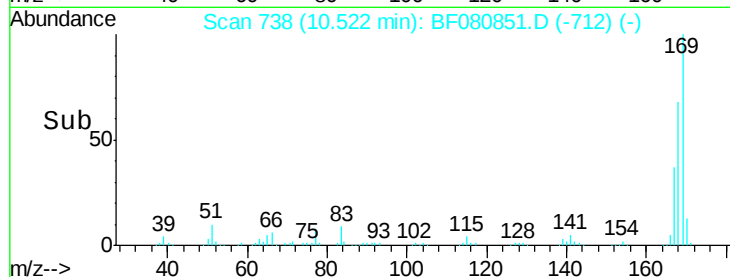
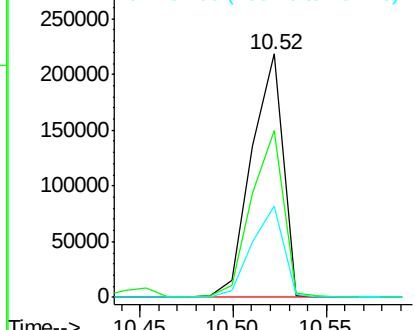
#65
 n-Nitrosodiphenylamine
 Concen: 32.65 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tot Ion:169 Resp: 255510
 Ion Ratio Lower Upper
 169 100
 168 68.3 52.2 78.4
 167 37.3 29.2 43.8

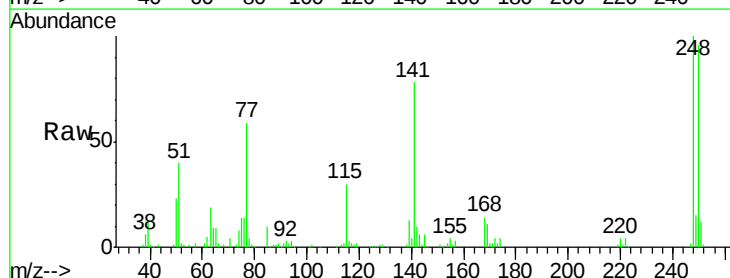


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

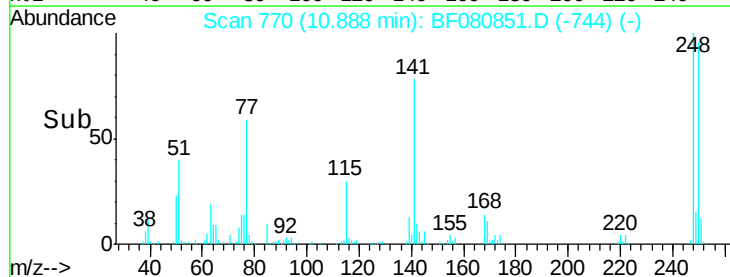
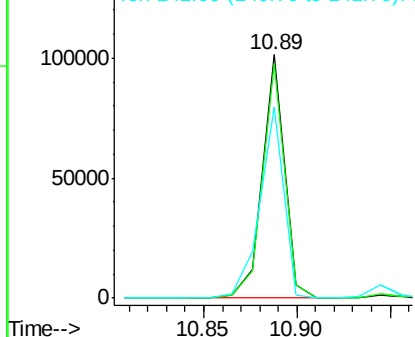


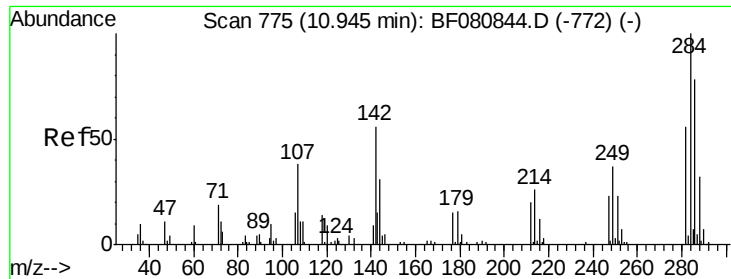
#66
 4-Bromophenyl-phenylether
 Concen: 36.47 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion:248 Resp: 82452
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.2 115.8
 141 78.4 61.4 92.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 32.86 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

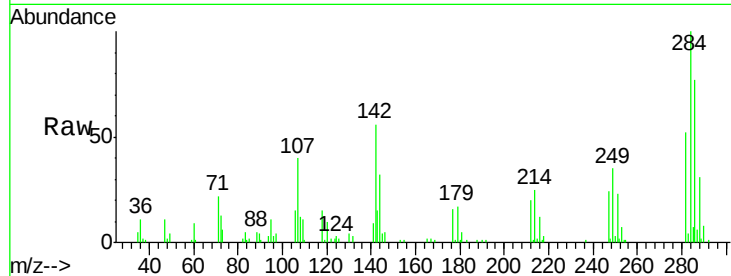
Tot Ion:284 Resp: 81143

Ion Ratio Lower Upper

284 100

142 56.4 44.4 66.6

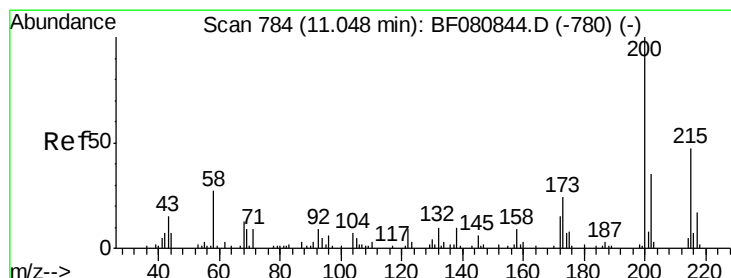
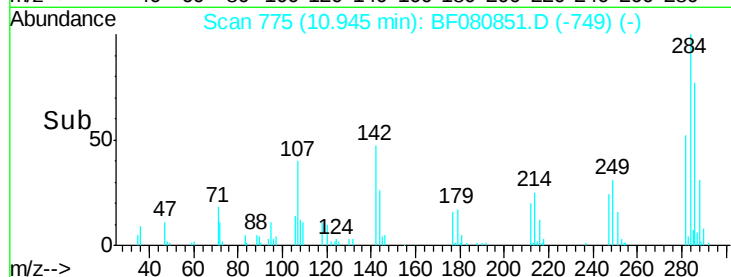
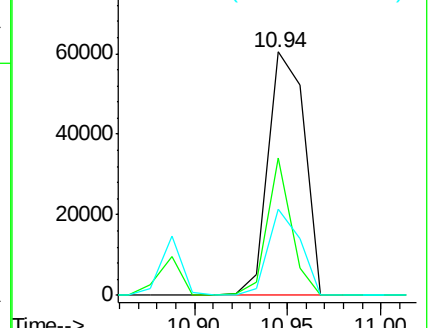
249 35.3 29.3 43.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.11 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

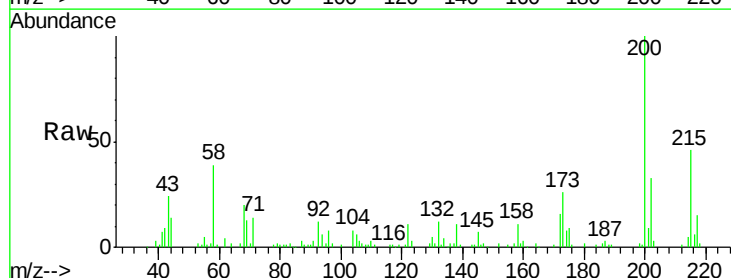
Tgt Ion:200 Resp: 75594

Ion Ratio Lower Upper

200 100

173 26.0 4.8 44.8

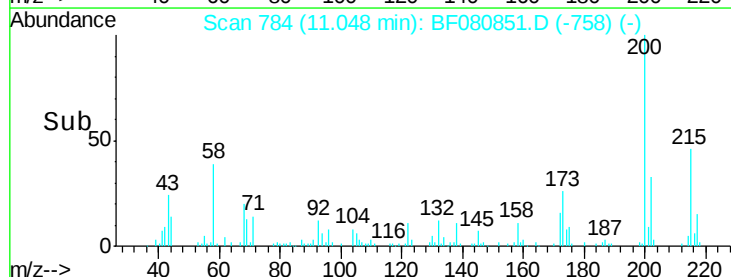
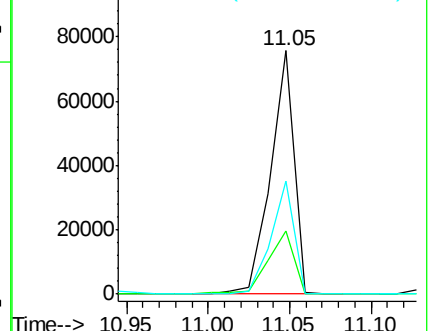
215 46.2 27.1 67.1

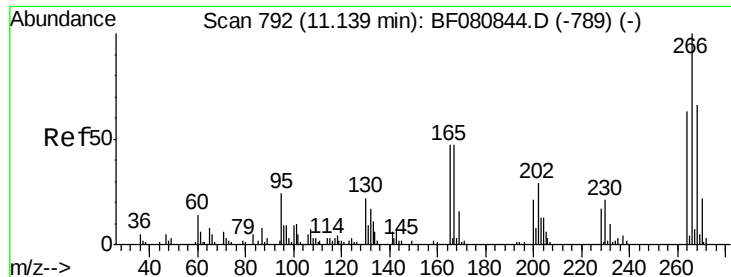


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

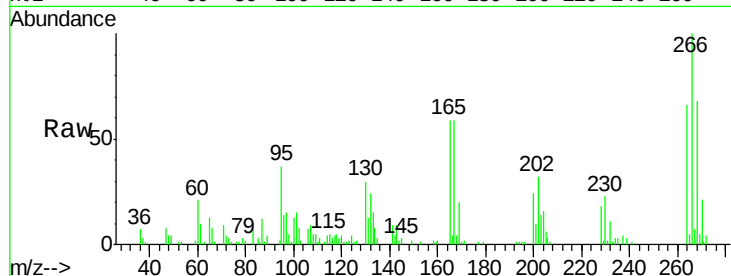




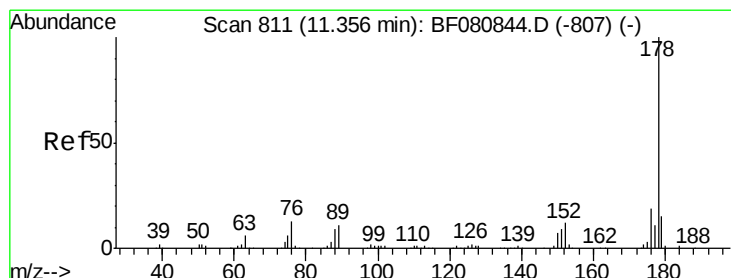
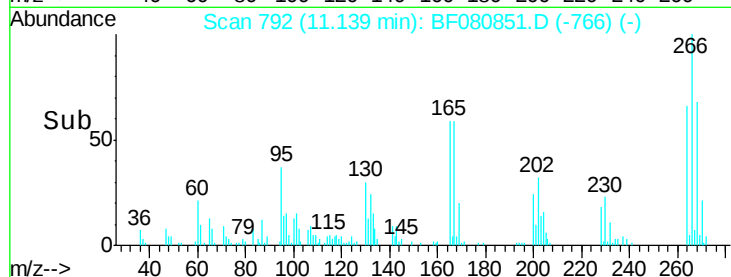
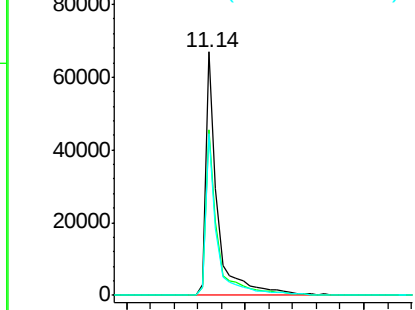
#69
 Pentachlorophenol
 Concen: 68.72 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tot Ion:266 Resp: 92463
 Ion Ratio Lower Upper
 266 100
 268 67.9 52.6 78.8
 264 66.4 50.7 76.1

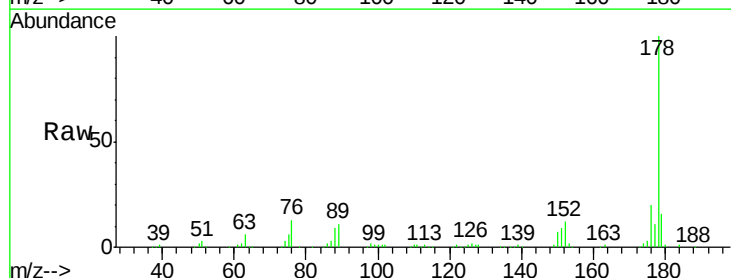


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

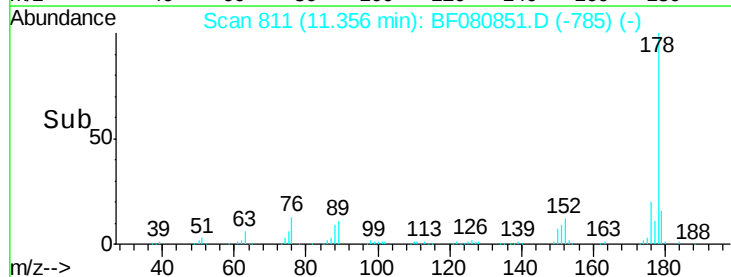
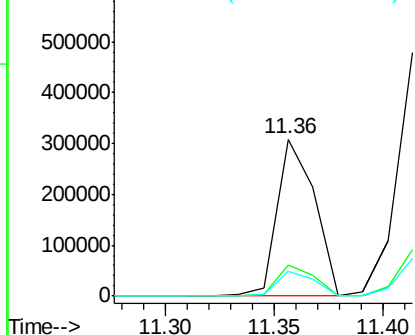


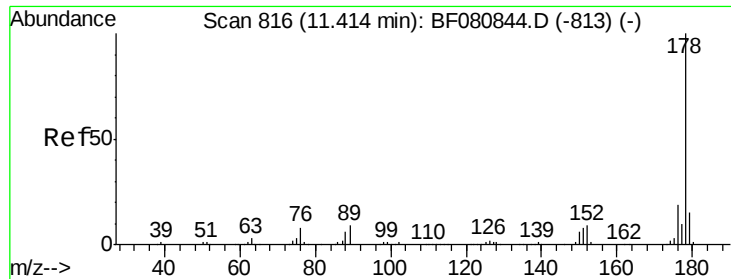
#70
 Phenanthrene
 Concen: 31.61 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion:178 Resp: 373032
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 16.1 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

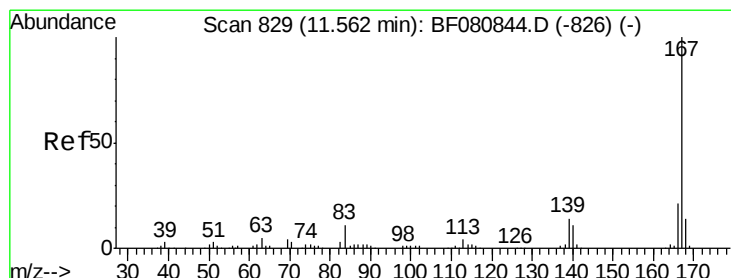
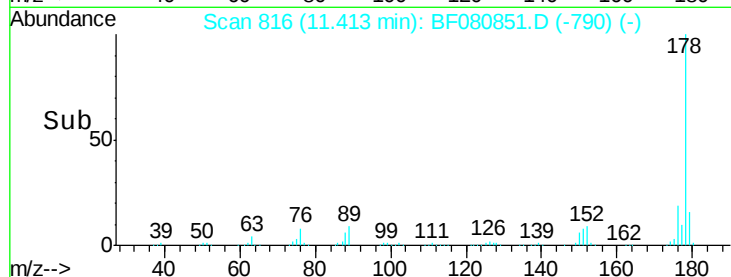
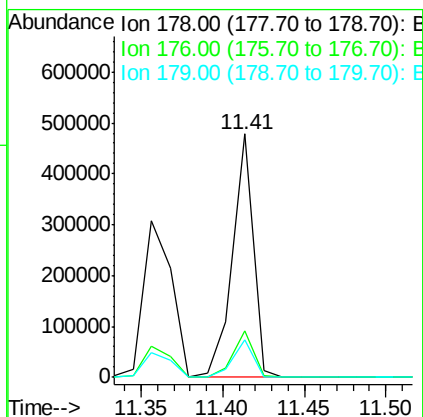
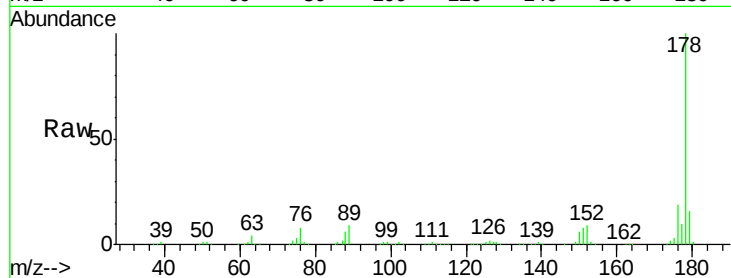




#71
 Anthracene
 Concen: 36.41 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

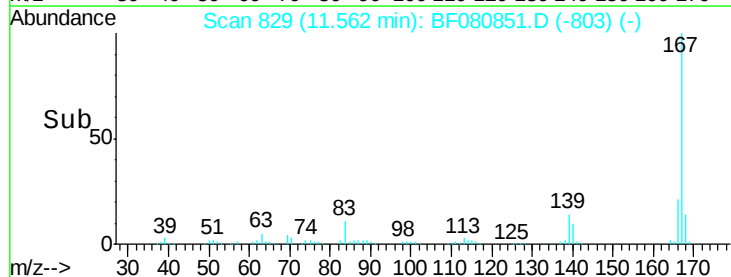
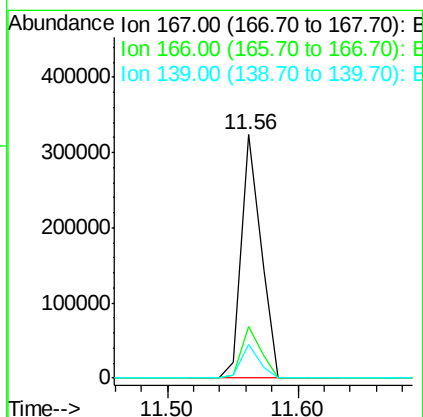
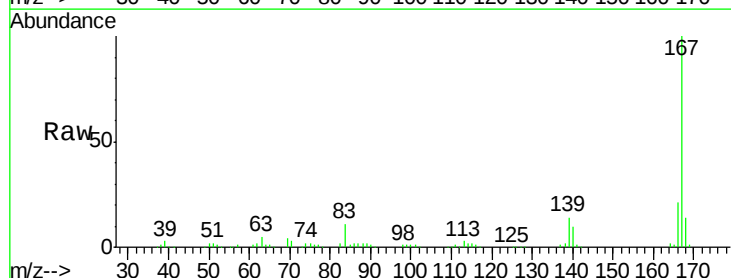
Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

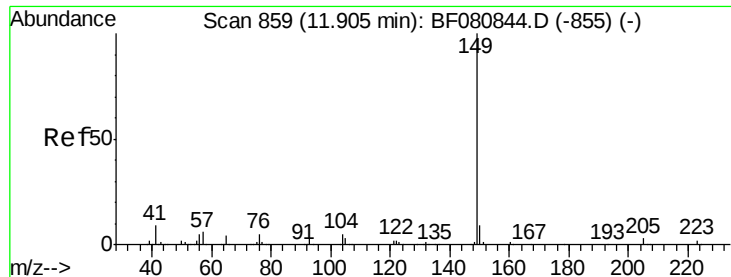
Tot Ion:178 Resp: 417548
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.5 12.2 18.4



#72
 Carbazole
 Concen: 31.19 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion:167 Resp: 337407
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.6 25.0
 139 13.8 11.3 16.9

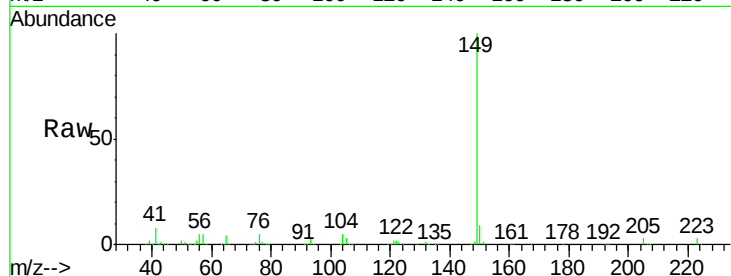




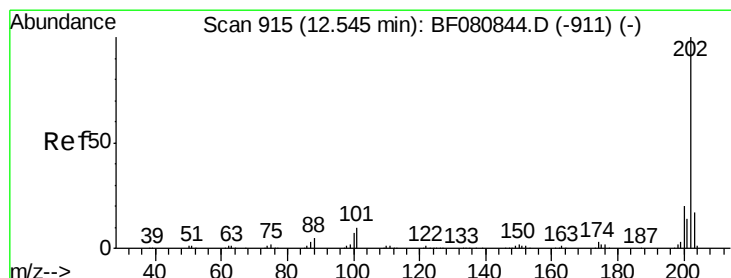
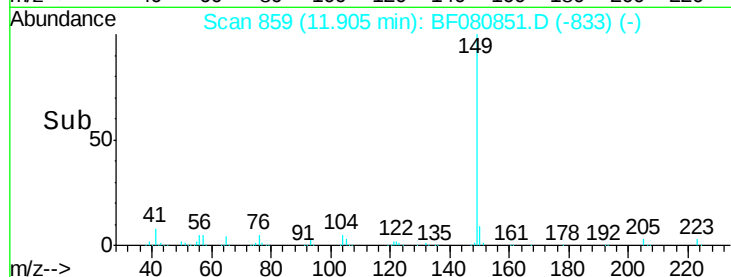
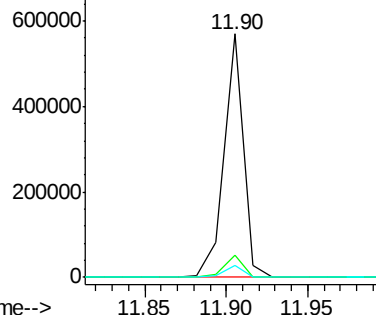
#73
Di-n-butylphthalate
Concen: 36.51 ng
RT: 11.90 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Instrument :
BNA_F
ClientSampleId :
PB84692BS

Tot Ion:149 Resp: 467619
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.7 3.9 5.9

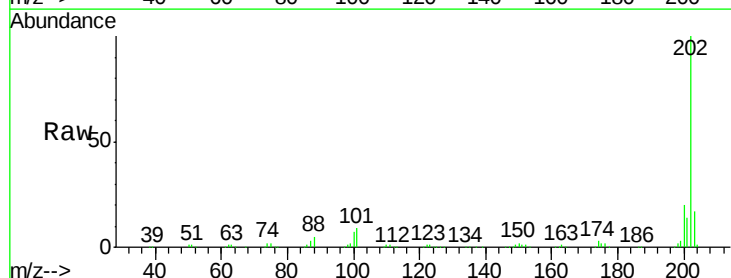


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

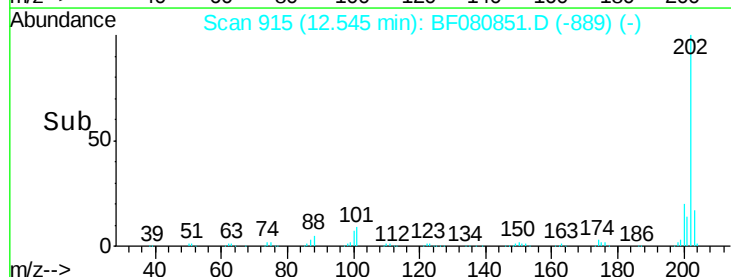
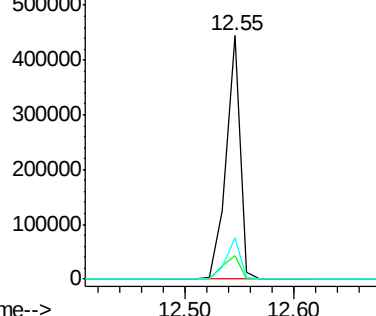


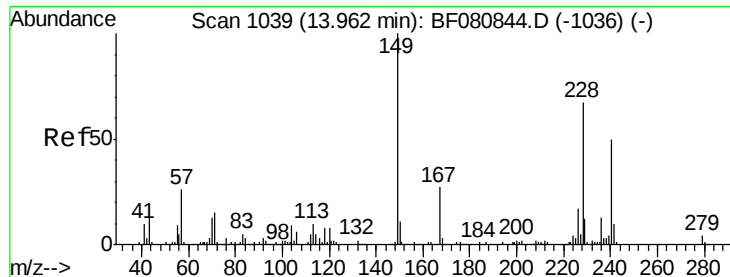
#74
Fluoranthene
Concen: 35.08 ng
RT: 12.55 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion:202 Resp: 403190
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.9
203 17.1 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: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

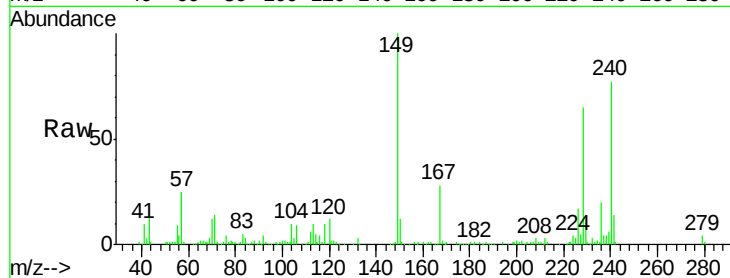
Tot Ion:240 Resp: 127004

Ion Ratio Lower Upper

240 100

120 15.1 13.0 19.6

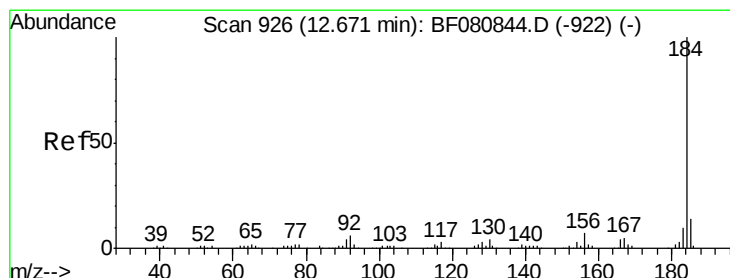
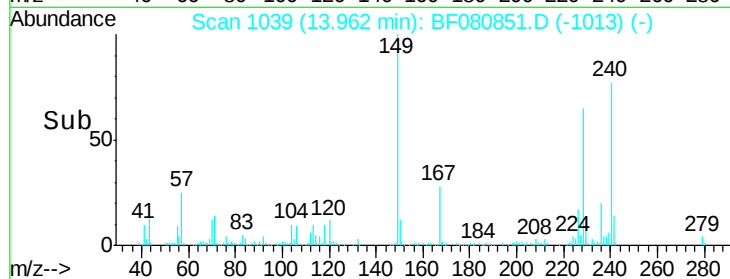
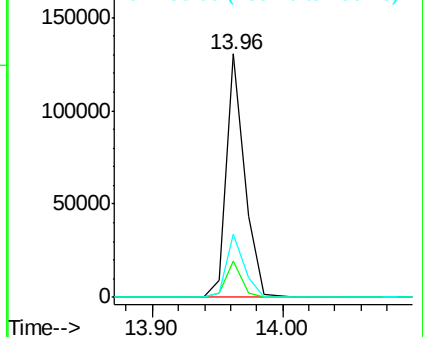
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.50 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

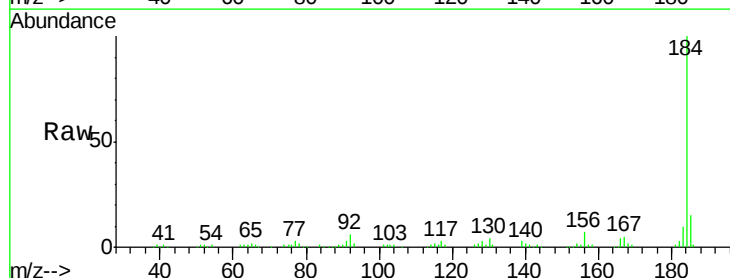
Tgt Ion:184 Resp: 138297

Ion Ratio Lower Upper

184 100

185 15.0 11.4 17.2

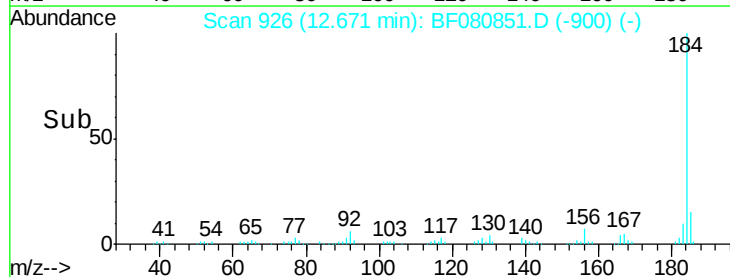
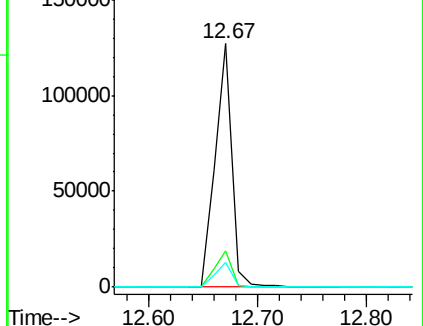
183 10.4 8.4 12.6

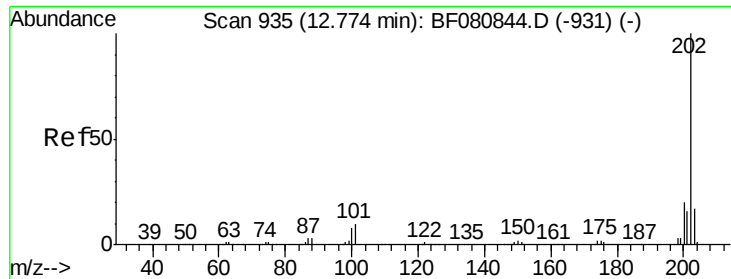


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

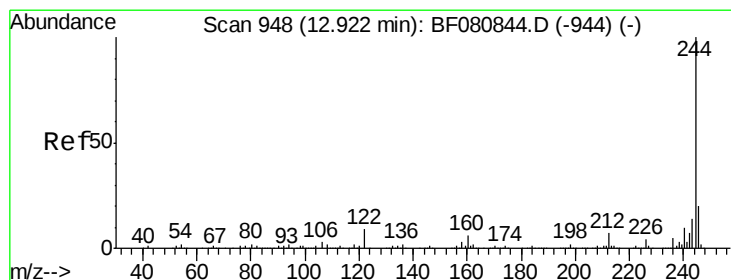
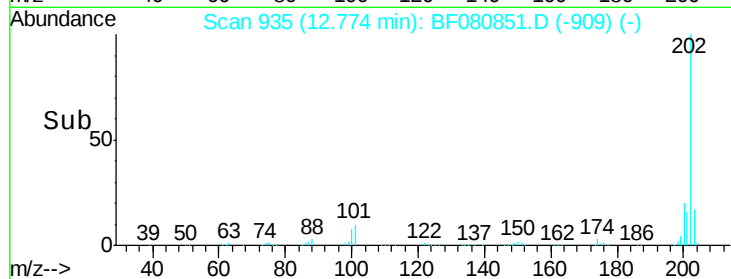
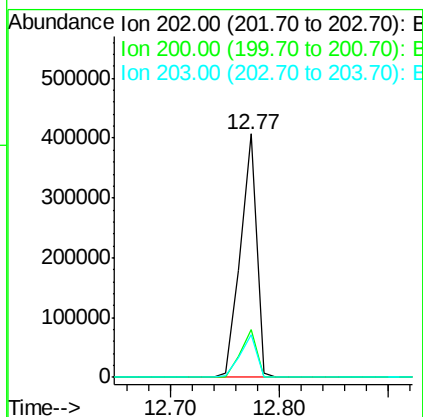
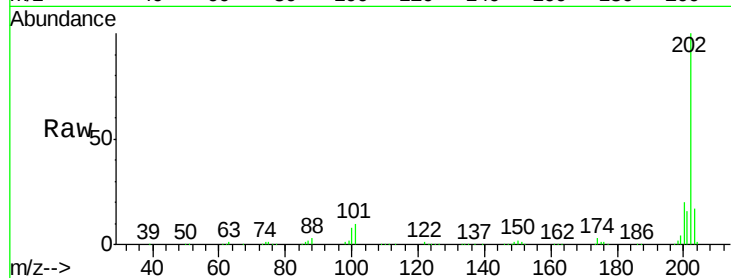




#77
Pvrene
Concen: 36.26 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

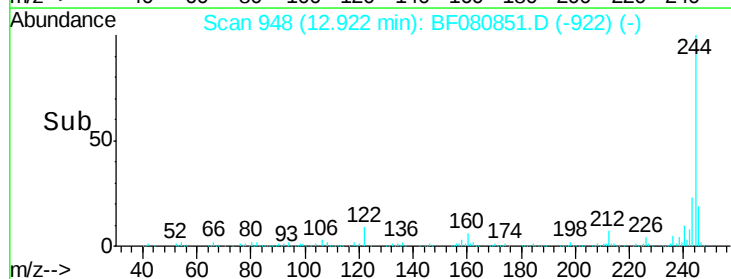
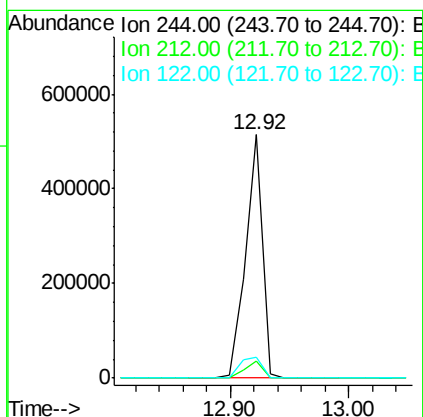
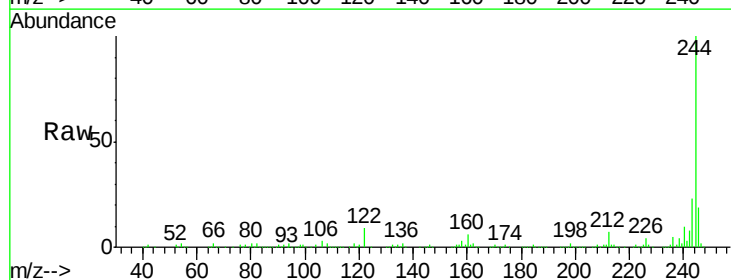
Instrument :
BNA_F
ClientSampleId :
PB84692BS

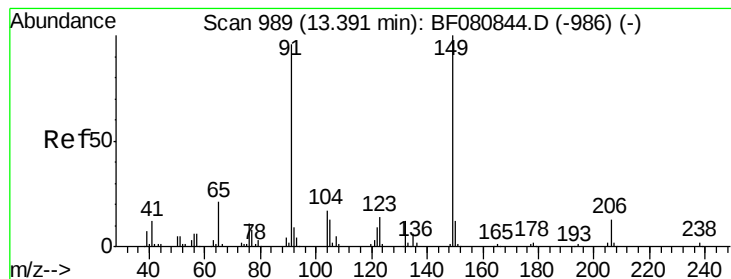
Tot Ion:202 Resp: 413096
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.3 13.6 20.4



#78
Terphenyl-d14
Concen: 72.21 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion:244 Resp: 506721
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 8.8 7.1 10.7





#79

Butylbenzylphthalate

Concen: 35.26 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

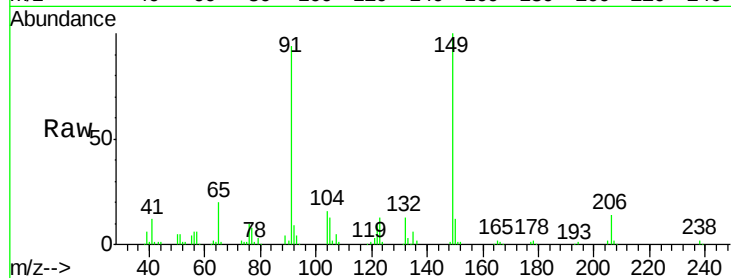
Tot Ion:149 Resp: 164288

Ion Ratio Lower Upper

149 100

91 94.4 76.4 114.6

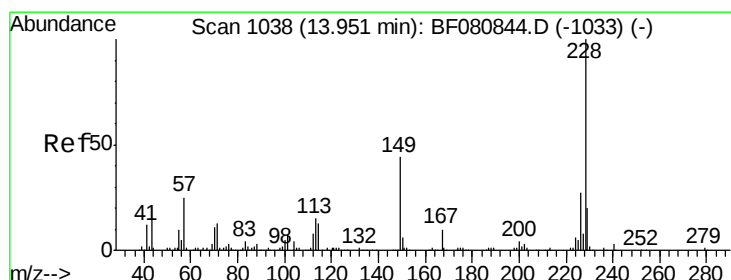
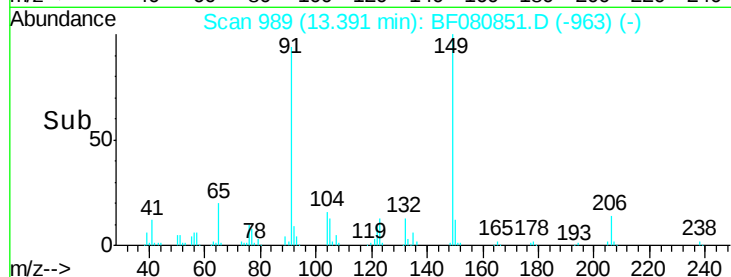
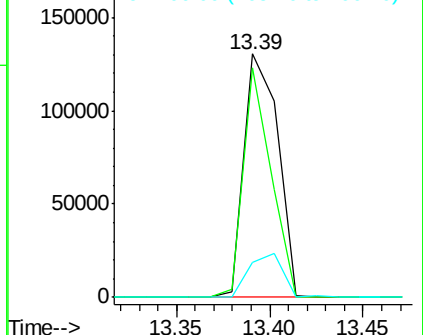
206 14.2 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 32.47 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

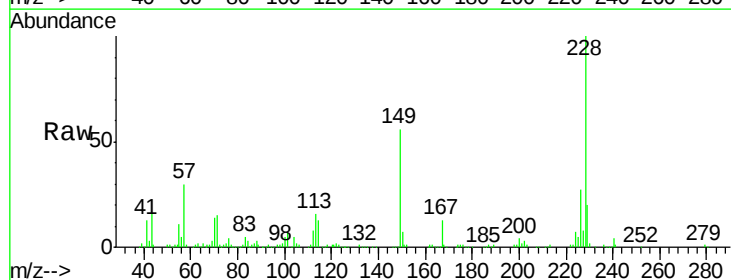
Tgt Ion:228 Resp: 275847

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

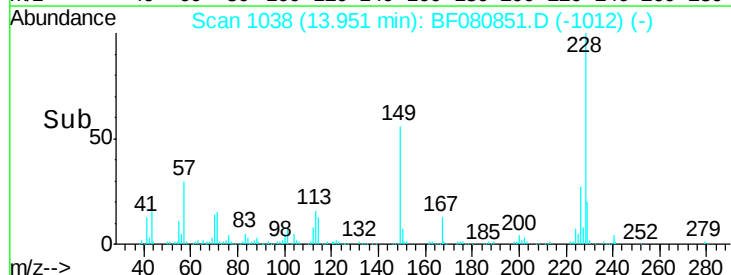
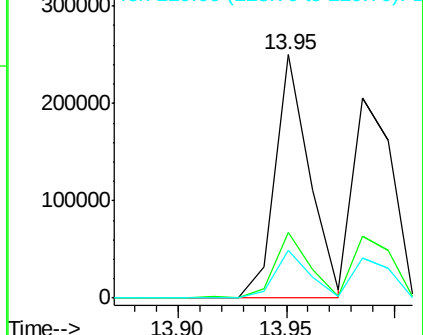
229 19.7 16.2 24.2

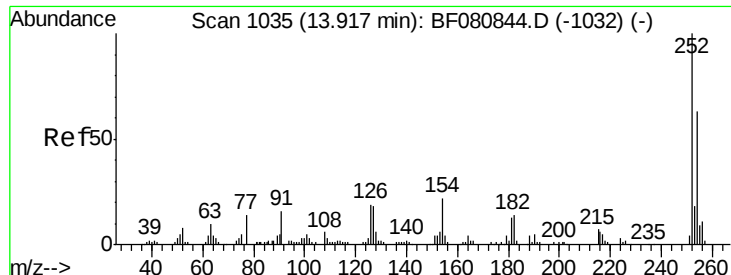


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

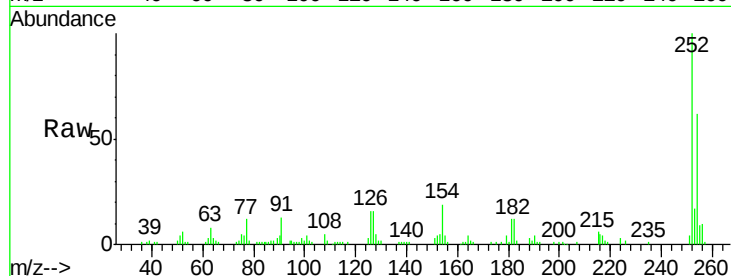




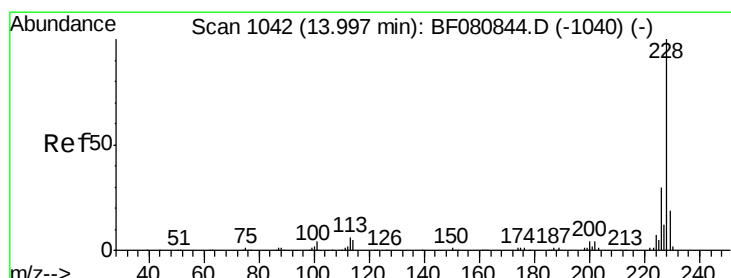
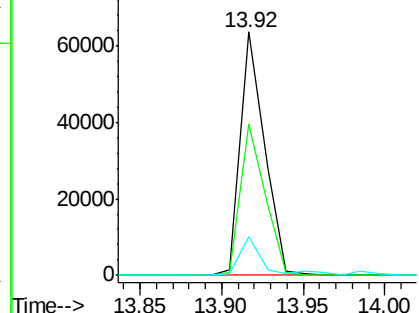
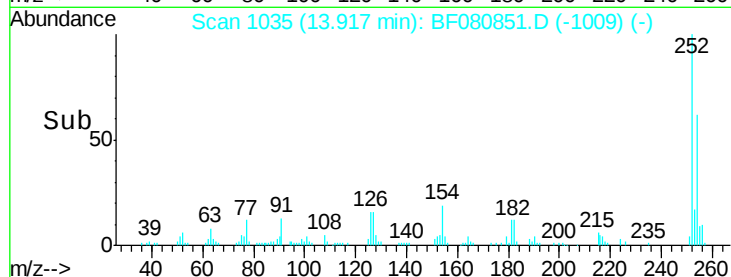
#81
 3,3'-Dichlorobenzidine
 Concen: 20.48 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.0	50.3	75.5
126	15.8	15.1	22.7

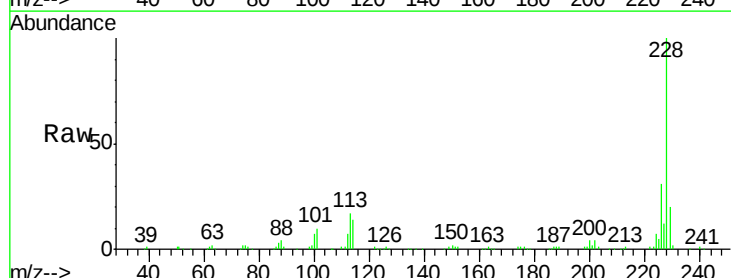


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

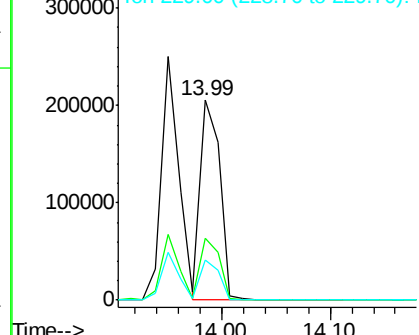
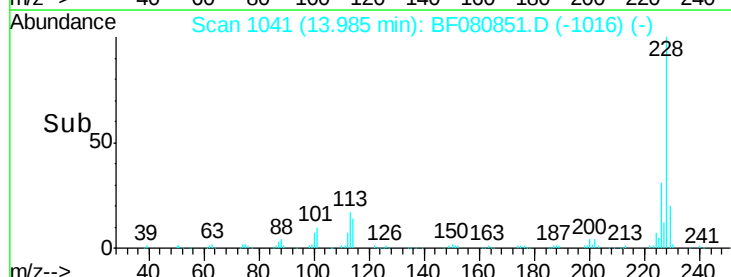


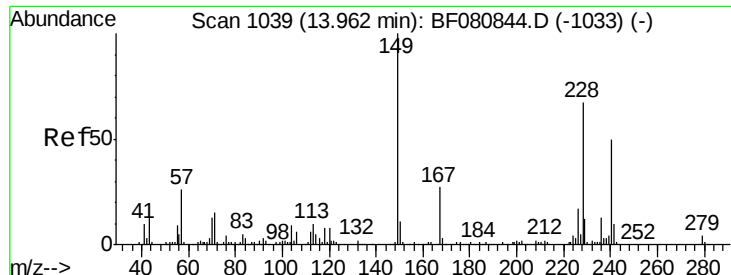
#82
 Chrysene
 Concen: 29.87 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.6	35.4
229	20.0	15.1	22.7



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

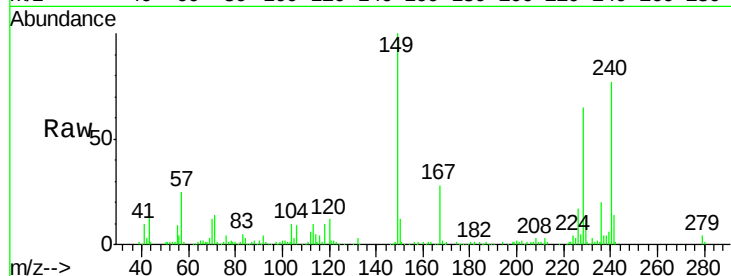




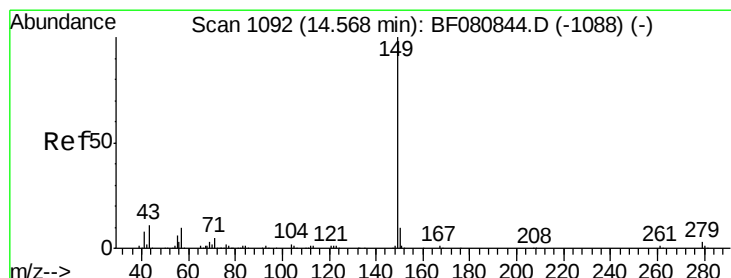
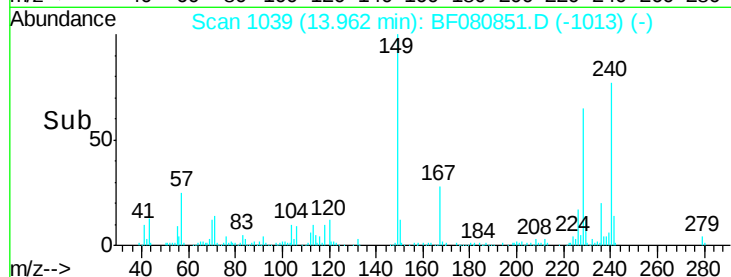
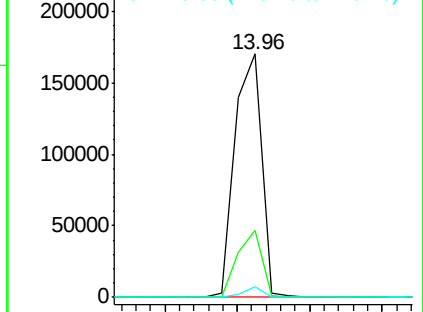
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.99 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tot Ion:149 Resp: 217729
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.8 32.8
 279 4.1 3.0 4.4

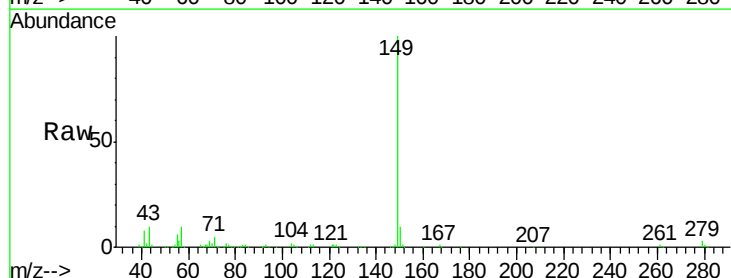


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

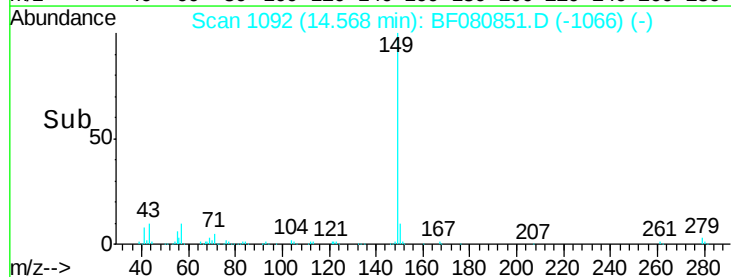
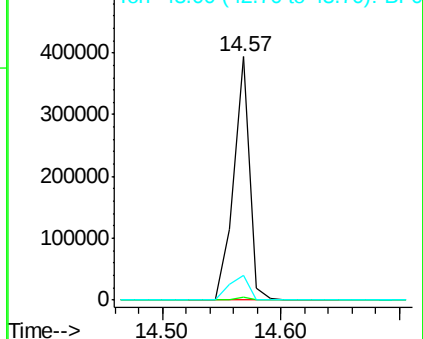


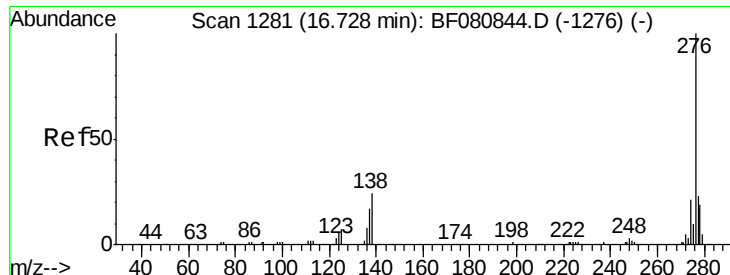
#84
 Di-n-octyl phthalate
 Concen: 34.81 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion:149 Resp: 364058
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 13.0 10.3 15.5



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

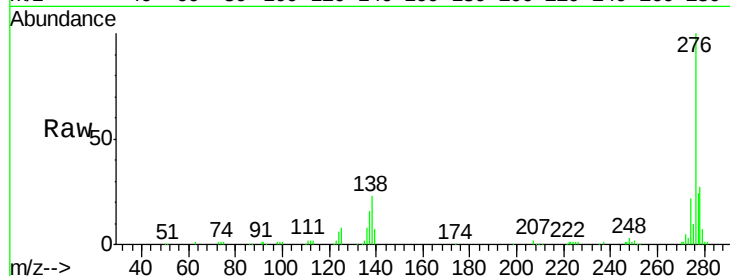




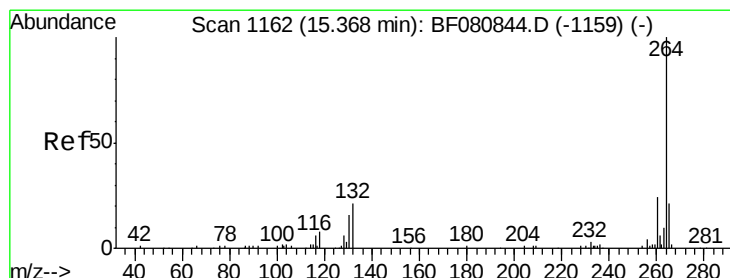
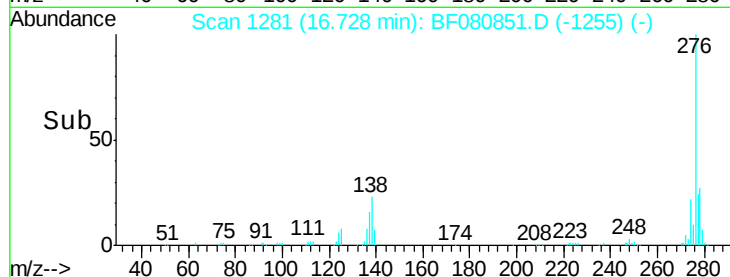
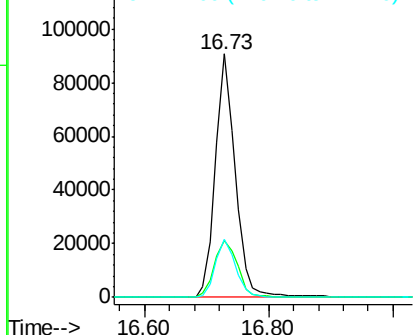
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.07 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84692BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.6	32.4
277	24.3	19.6	29.4

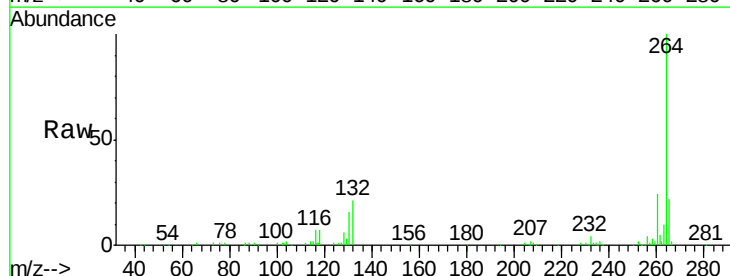


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

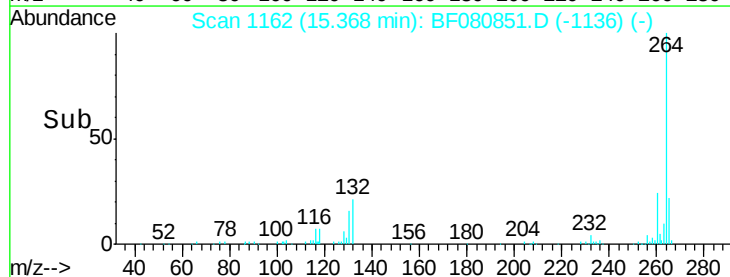
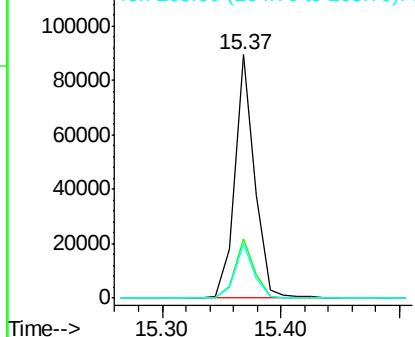


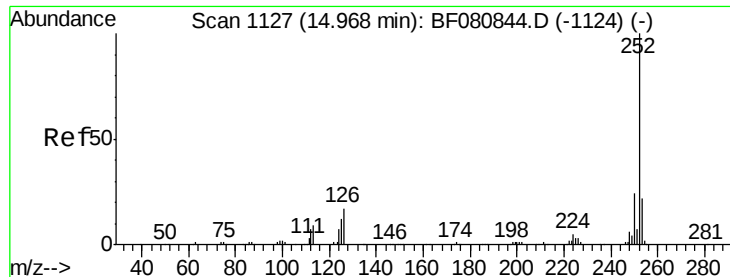
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF080851.D
 Acq: 4 Aug 2015 21:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	22.2	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

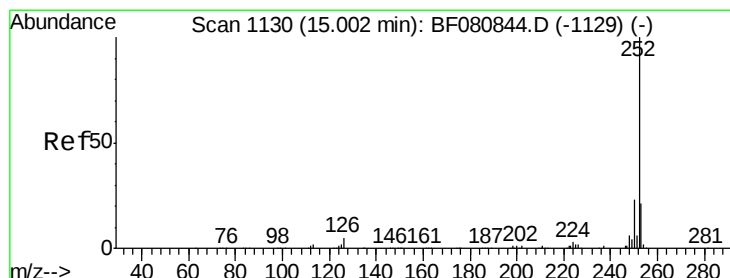
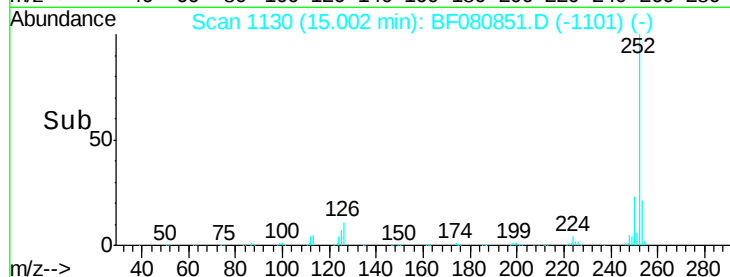
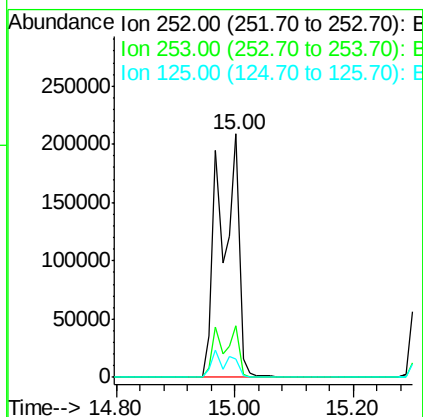
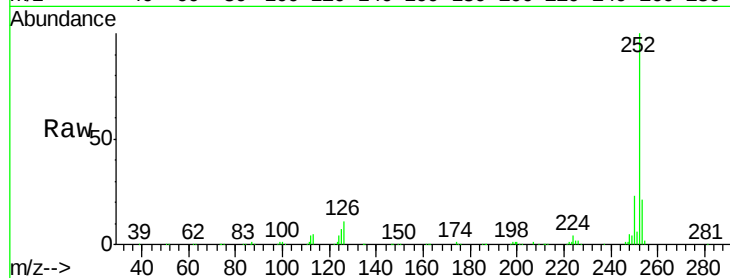




#87
Benzo(b)fluoranthene
Concen: 60.81 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.03 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

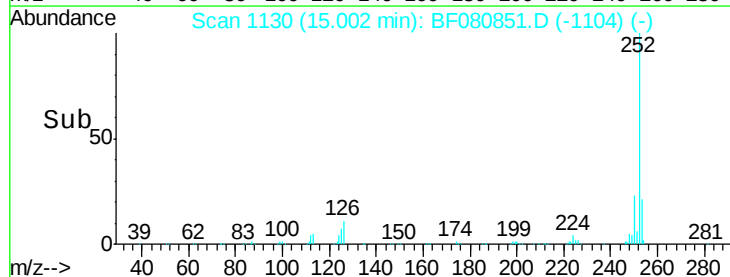
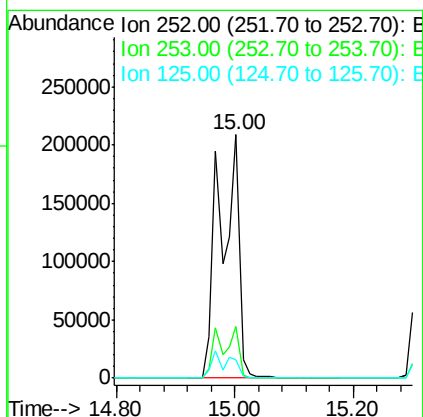
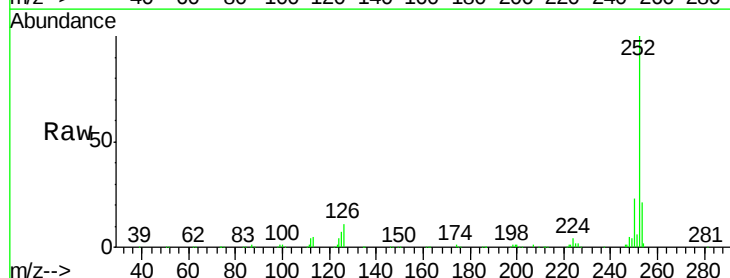
Instrument :
BNA_F
ClientSampleId :
PB84692BS

Tot Ion:252 Resp: 470664
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 7.4 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 78.99 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF080851.D
Acq: 4 Aug 2015 21:52

Tgt Ion:252 Resp: 470664
Ion Ratio Lower Upper
252 100
253 21.0 16.9 25.3
125 7.4 7.0 10.6





#89

Benzo(a)pyrene

Concen: 33.46 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

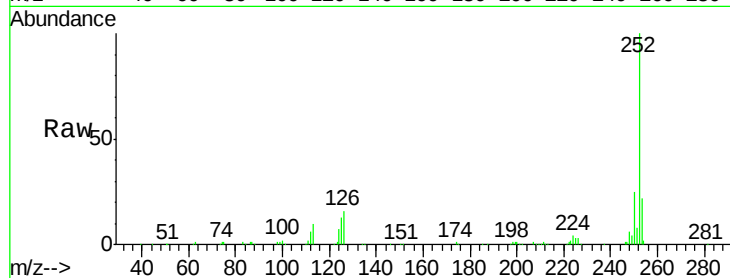
Tot Ion:252 Resp: 211414

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

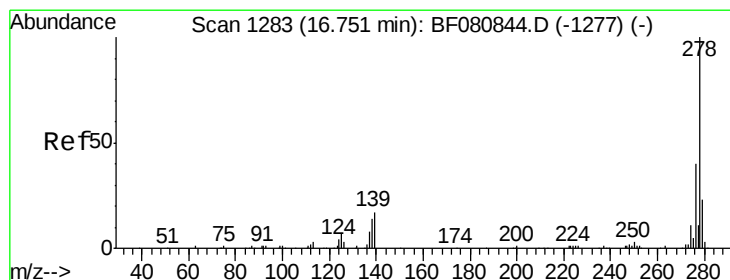
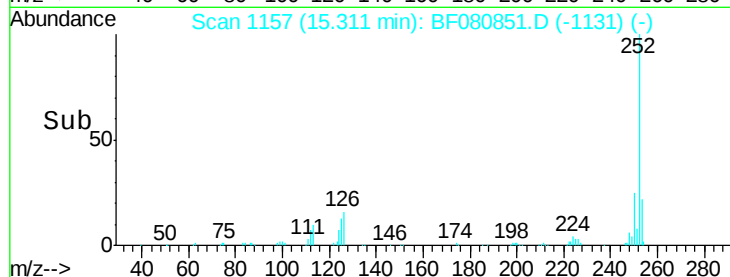
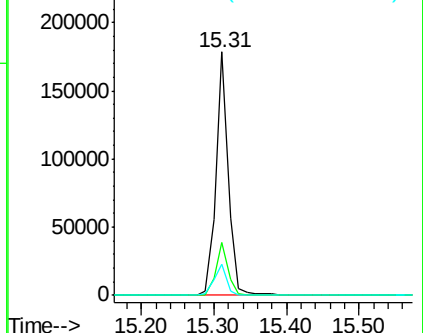
125 12.8 10.6 16.0



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: 30.84 ng

RT: 16.75 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

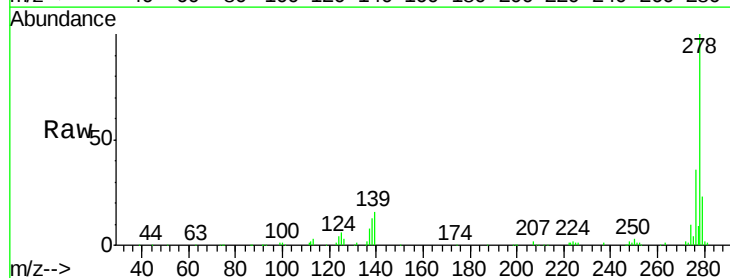
Tgt Ion:278 Resp: 169247

Ion Ratio Lower Upper

278 100

139 15.5 13.4 20.0

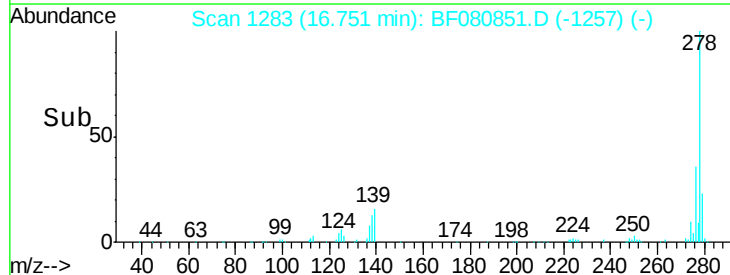
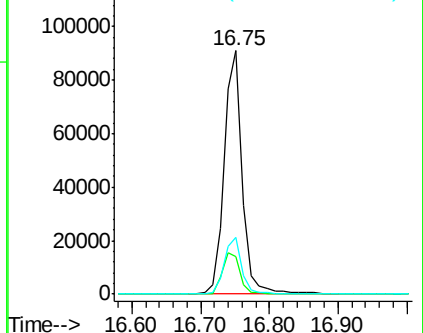
279 23.3 18.4 27.6

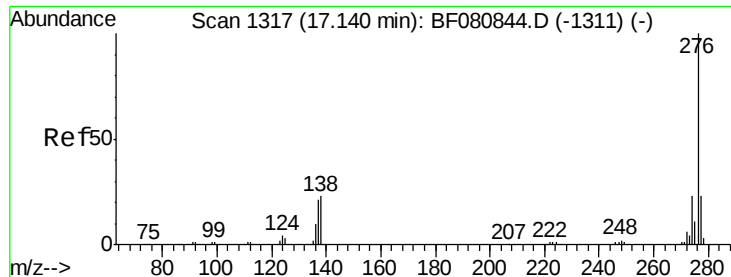


Abundance Ion 278.00 (277.70 to 278.70): E

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: 31.19 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF080851.D

Acq: 4 Aug 2015 21:52

Instrument :

BNA_F

ClientSampleId :

PB84692BS

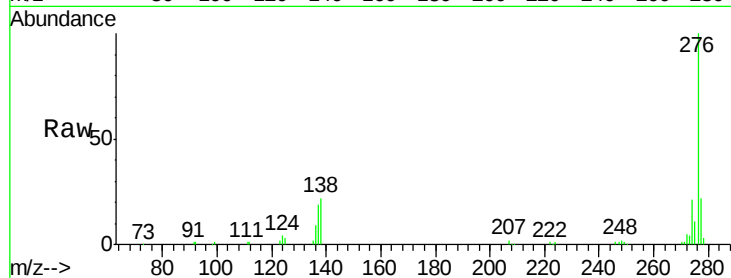
Tot Ion: 276 Resp: 165460

Ion Ratio Lower Upper

276 100

277 21.7 18.6 27.8

138 21.7 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

