

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
 Data File : BF080482.D
 Acq On : 15 Jul 2015 9:36
 Operator : TP/UM
 Sample : PB84491BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Quant Time: Jul 15 15:51:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 15 03:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	22746	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	99233	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	49914	20.00	ng	-0.01
63) Phenanthrene-d10	11.67	188	100938	20.00	ng	0.00
75) Chrysene-d12	14.52	240	117641	20.00	ng	0.05
86) Perylene-d12	16.27	264	133309	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.76	112	131817	94.72	ng	0.00
7) Phenol-d6	6.76	99	171016	100.42	ng	-0.01
23) Nitrobenzene-d5	7.69	82	107444	59.27	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	41858	88.72	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	224663	61.67	ng	0.00
78) Terphenyl-d14	13.30	244	278383	57.04	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	12679	22.62	ng	# 87
3) Pyridine	3.86	79	29848	24.51	ng	95
4) n-Nitrosodimethylamine	3.68	42	21277	30.15	ng	89
6) Aniline	6.80	93	53590	21.68	ng	97
8) 2-Chlorophenol	6.92	128	44014	30.15	ng	93
9) Benzaldehyde	6.68	77	14746	14.18	ng	97
10) Phenol	6.78	94	57053	29.06	ng	97
11) bis(2-Chloroethyl)ether	6.85	93	42061	28.18	ng	98
12) 1,3-Dichlorobenzene	7.06	146	47530	27.92	ng	# 86
13) 1,4-Dichlorobenzene	7.14	146	53209	28.75	ng	97
14) 1,2-Dichlorobenzene	7.30	146	50123	28.01	ng	98
15) Benzyl Alcohol	7.28	79	34463	28.28	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.39	45	74247	30.69	ng	77
17) 2-Methylphenol	7.39	107	34524	29.22	ng	# 91
18) Hexachloroethane	7.64	117	16694	27.38	ng	# 86
19) n-Nitroso-di-n-propylamine	7.53	70	30581	26.51	ng	97
20) 3+4-Methylphenols	7.54	107	51891	30.99	ng	89
22) Acetophenone	7.53	105	64317	27.62	ng	# 97
24) Nitrobenzene	7.71	77	50661	25.35	ng	97
25) Isophorone	7.94	82	93376	27.90	ng	# 95
26) 2-Nitrophenol	8.03	139	22676	26.16	ng	95
27) 2,4-Dimethylphenol	8.06	122	45619	28.70	ng	98
28) bis(2-Chloroethoxy)methane	8.14	93	54851	29.14	ng	99
29) 2,4-Dichlorophenol	8.27	162	40107	28.93	ng	93
30) 1,2,4-Trichlorobenzene	8.35	180	43581	25.27	ng	99
31) Naphthalene	8.43	128	140922	27.45	ng	99
32) Benzoic acid	8.16	122	22526	33.31	ng	90
33) 4-Chloroaniline	8.49	127	40089	19.62	ng	99
34) Hexachlorobutadiene	8.54	225	24160	27.65	ng	99
35) Caprolactam	8.83	113	9908	27.70	ng	# 51
36) 4-Chloro-3-methylphenol	8.97	107	41182	30.35	ng	# 77
37) 2-Methylnaphthalene	9.13	142	89942	25.72	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.29	216	42204	25.48	ng	99
40) Hexachlorocyclopentadiene	9.28	237	44926	56.70	ng	92

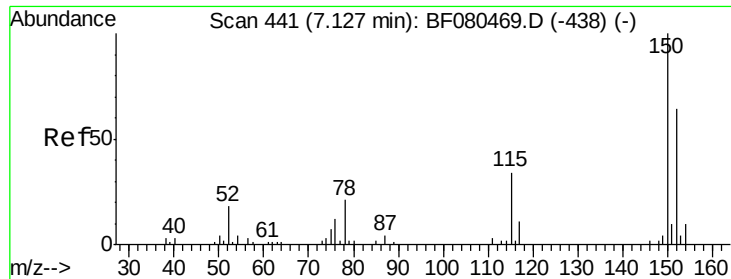
Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	25491	24.76	ng	97
43) 2,4,5-Trichlorophenol	9.45	196	29650	28.58	ng #	79
45) 1,1'-Biphenyl	9.58	154	120493	28.05	ng	97
46) 2-Chloronaphthalene	9.62	162	84299	23.89	ng	96
47) 2-Nitroaniline	9.72	65	26717	26.25	ng	92
48) Acenaphthylene	10.03	152	145161	27.20	ng	99
49) Dimethylphthalate	9.88	163	116787	29.56	ng	99
50) 2,6-Dinitrotoluene	9.95	165	23418	27.54	ng #	85
51) Acenaphthene	10.20	154	98474	30.34	ng	98
52) 3-Nitroaniline	10.13	138	19412	21.21	ng	91
53) 2,4-Dinitrophenol	10.22	184	21567	63.08	ng #	54
54) Dibenzofuran	10.37	168	130067	28.41	ng	96
55) 4-Nitrophenol	10.30	139	32059	49.46	ng	90
56) 2,4-Dinitrotoluene	10.35	165	29559	30.68	ng #	36
57) Fluorene	10.72	166	103064	28.00	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.50	232	26720	31.80	ng	94
59) Diethylphthalate	10.58	149	113940	29.14	ng	98
60) 4-Chlorophenyl-phenylether	10.70	204	51142	29.63	ng	91
61) 4-Nitroaniline	10.75	138	22288	26.84	ng	92
62) Azobenzene	10.87	77	113596	30.40	ng	96
64) 4,6-Dinitro-2-methylphenol	10.76	198	15529	32.08	ng #	75
65) n-Nitrosodiphenylamine	10.82	169	85403	26.05	ng	99
66) 4-Bromophenyl-phenylether	11.20	248	30468	30.27	ng #	84
67) Hexachlorobenzene	11.28	284	29323	26.77	ng #	94
68) Atrazine	11.35	200	29866	31.27	ng	96
69) Pentachlorophenol	11.47	266	31143	61.72	ng	98
70) Phenanthrene	11.69	178	170766	29.11	ng	99
71) Anthracene	11.73	178	157680	28.59	ng	99
72) Carbazole	11.91	167	141648	28.35	ng	99
73) Di-n-butylphthalate	12.21	149	157509	29.71	ng #	96
74) Fluoranthene	12.91	202	177928	30.76	ng	96
76) Benzidine	13.05	184	100919	28.95	ng	99
77) Pyrene	13.16	202	185446	26.78	ng	99
79) Butylbenzylphthalate	13.83	149	72752	28.76	ng #	86
80) Benzo(a)anthracene	14.51	228	192927	28.14	ng	99
81) 3,3'-Dichlorobenzidine	14.47	252	45956	21.21	ng	97
82) Chrysene	14.56	228	180481	27.54	ng	100
83) Bis(2-ethylhexyl)phthalate	14.48	149	107354	29.21	ng	100
84) Di-n-octyl phthalate	15.23	149	188658	28.58	ng	99
85) Indeno(1,2,3-cd)pyrene	17.91	276	261504	28.09	ng	100
87) Benzo(b)fluoranthene	15.78	252	231992	30.46	ng	97
88) Benzo(k)fluoranthene	15.78	252	231992	31.53	ng #	96
89) Benzo(a)pyrene	16.20	252	212423	28.32	ng #	94
90) Dibenzo(a,h)anthracene	17.92	278	218486	25.68	ng	99
91) Benzo(g,h,i)perylene	18.41	276	216202	24.28	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

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BNA_F

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PB84491BS

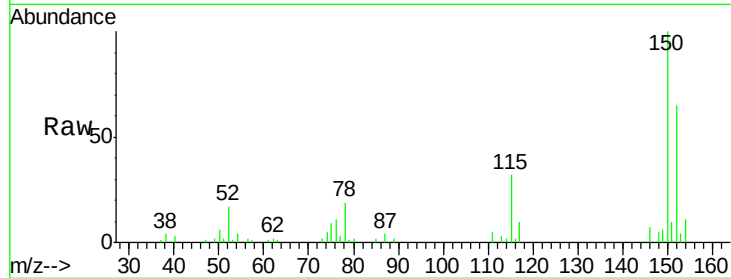
Tgt Ion:152 Resp: 22746

Ion Ratio Lower Upper

152 100

150 153.4 125.5 188.3

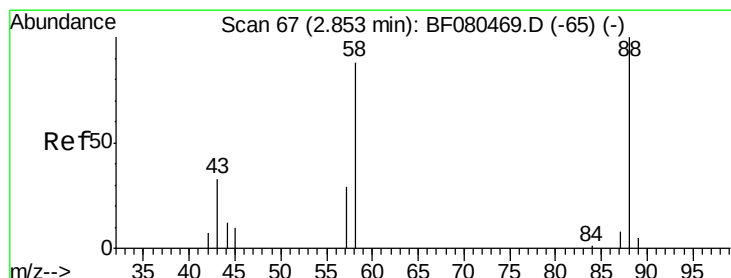
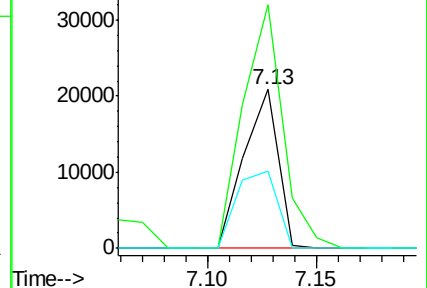
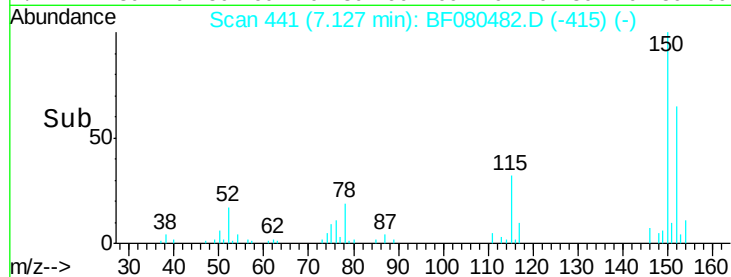
115 48.8 42.9 64.3



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: 22.62 ng

RT: 2.88 min Scan# 69

Delta R.T. 0.02 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

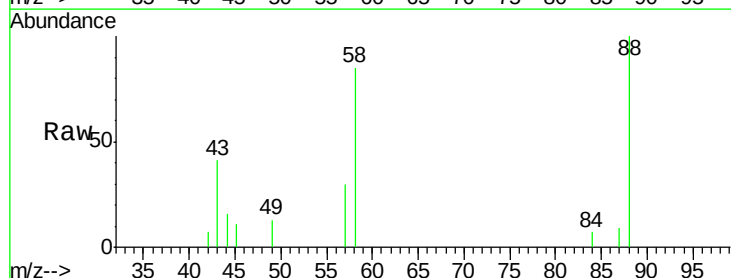
Tgt Ion: 88 Resp: 12679

Ion Ratio Lower Upper

88 100

58 94.8 67.3 100.9

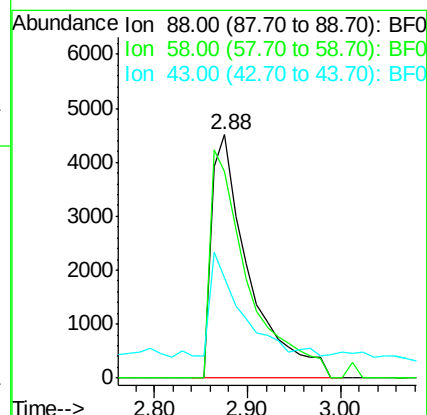
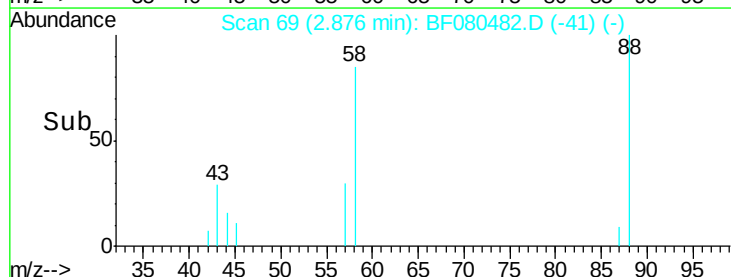
43 38.2 23.8 35.8#

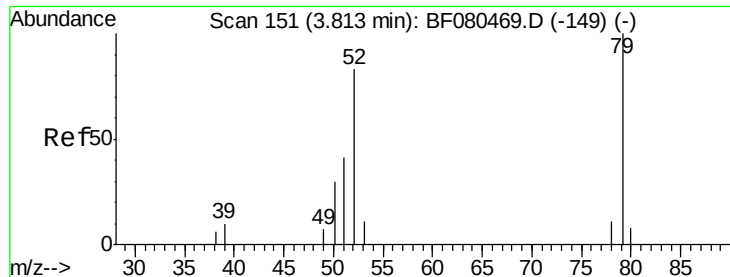


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.51 ng

RT: 3.86 min Scan# 155

Delta R.T. 0.05 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

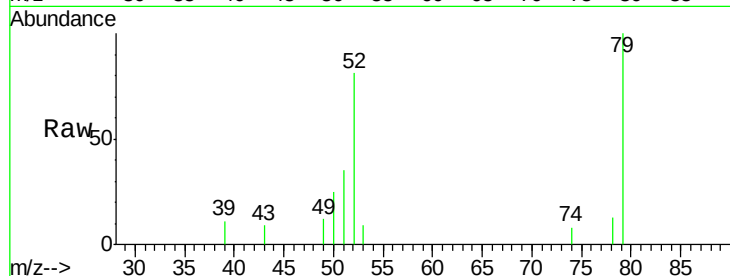
Tgt Ion: 79 Resp: 29848

Ion Ratio Lower Upper

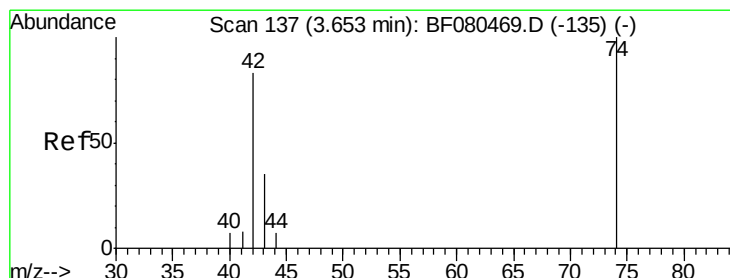
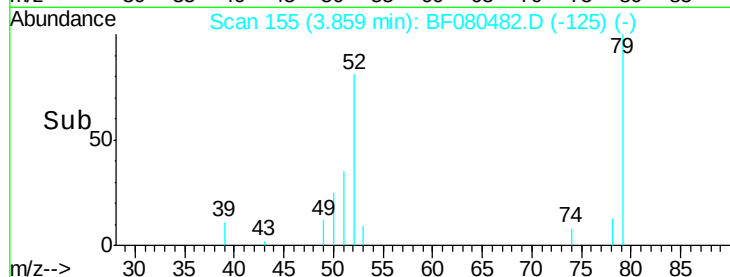
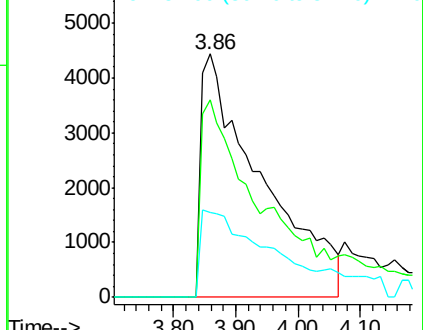
79 100

52 81.1 66.6 99.8

51 35.0 32.5 48.7



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 30.15 ng

RT: 3.68 min Scan# 139

Delta R.T. 0.02 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

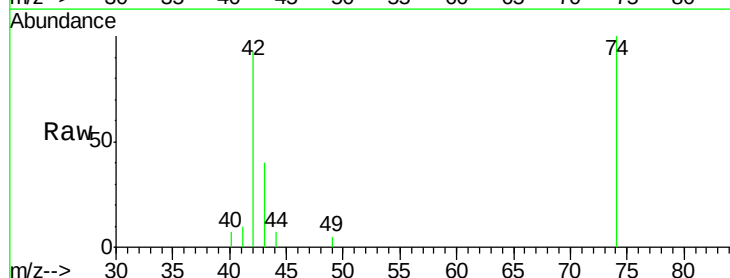
Tgt Ion: 42 Resp: 21277

Ion Ratio Lower Upper

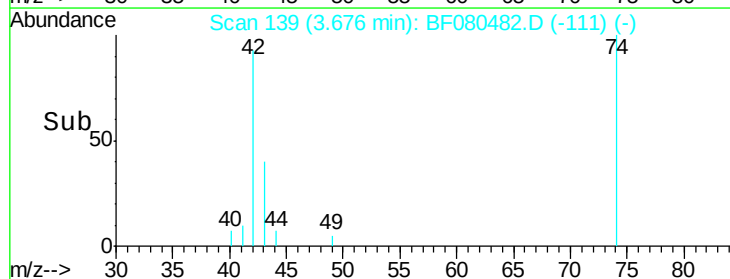
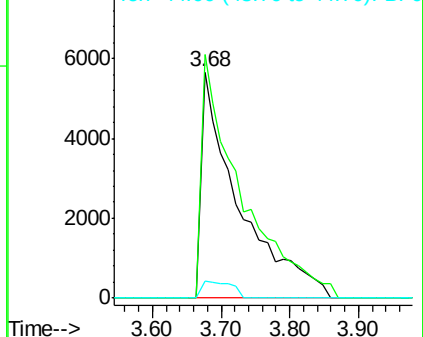
42 100

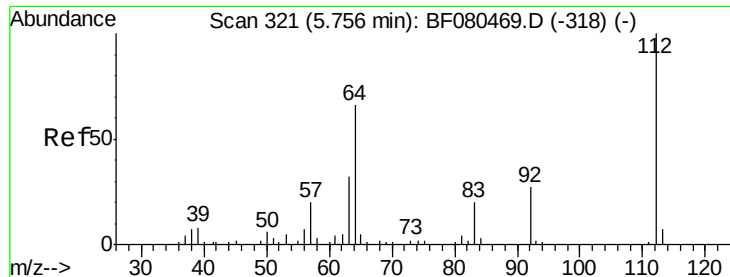
74 107.9 96.6 144.8

44 7.6 7.0 10.4



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 94.72 ng

RT: 5.76 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

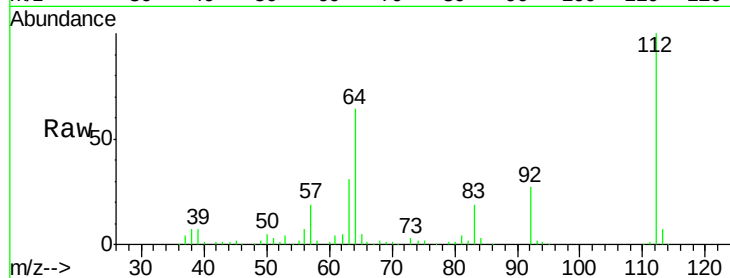
Instrument :

BNA_F

ClientSampleId :

PB84491BS

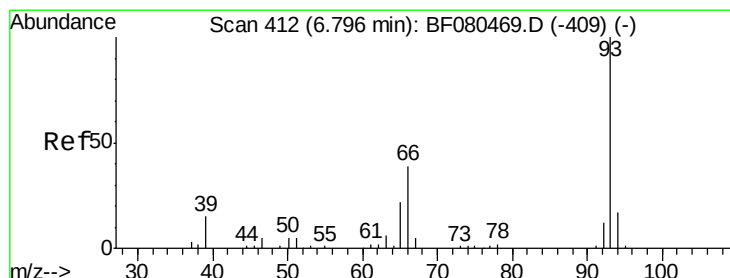
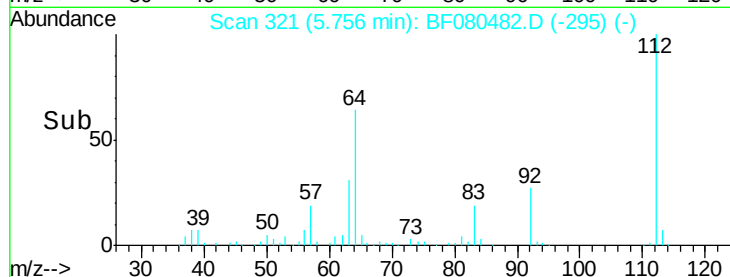
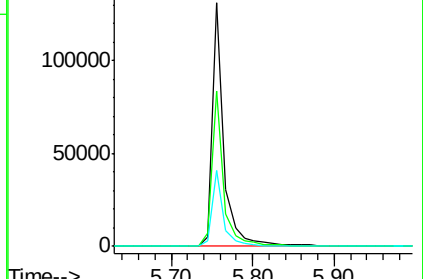
Tgt Ion:	112	Resp:	131817
Ion	Ratio	Lower	Upper
112	100		
64	63.6	52.6	79.0
63	31.2	25.9	38.9



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: 21.68 ng

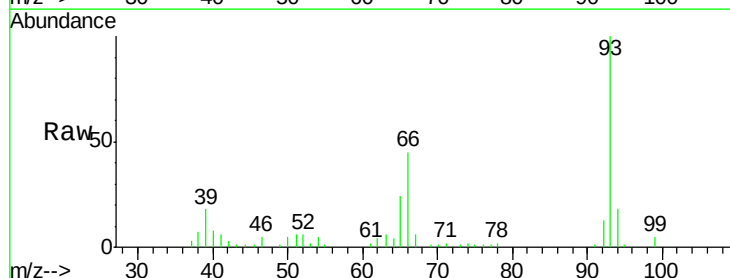
RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

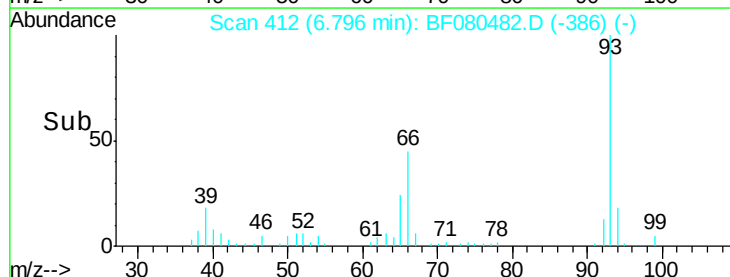
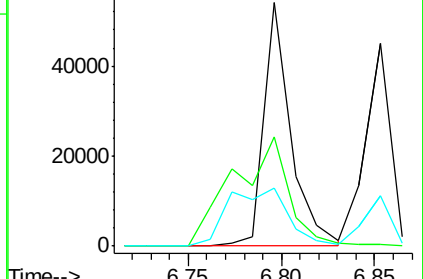
Tgt Ion:	93	Resp:	53590
Ion	Ratio	Lower	Upper
93	100		
66	44.8	34.5	51.7
65	24.0	18.2	27.2

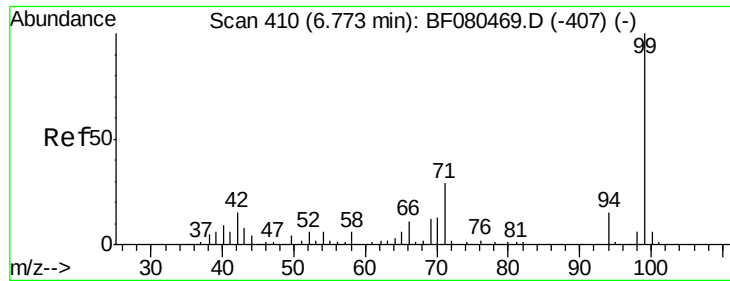


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 100.42 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampled :

PB84491BS

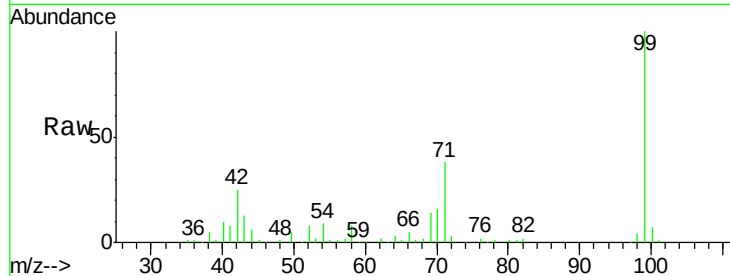
Tgt Ion: 99 Resp: 171016

Ion Ratio Lower Upper

99 100

42 24.7 12.4 18.6#

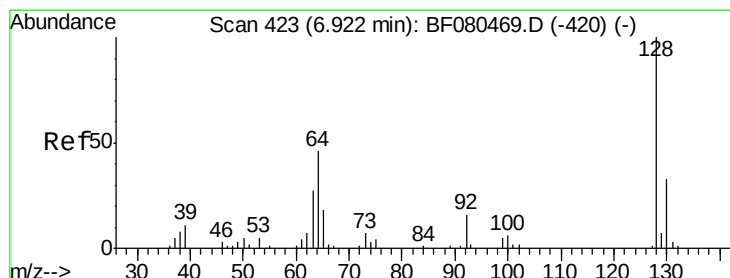
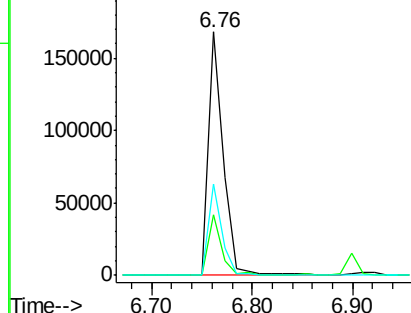
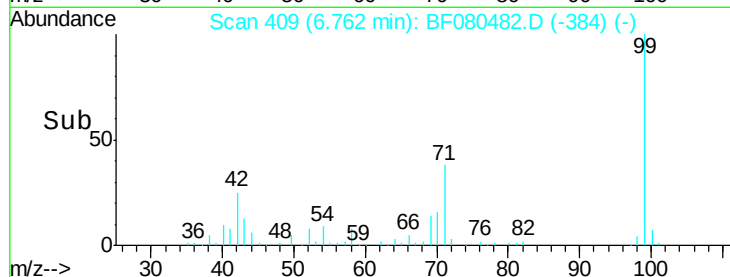
71 37.6 22.9 34.3#



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: 30.15 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

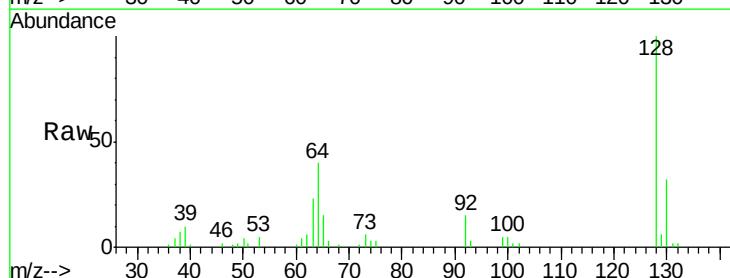
Tgt Ion: 128 Resp: 44014

Ion Ratio Lower Upper

128 100

130 31.9 13.5 53.5

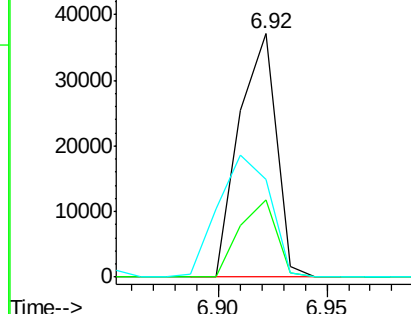
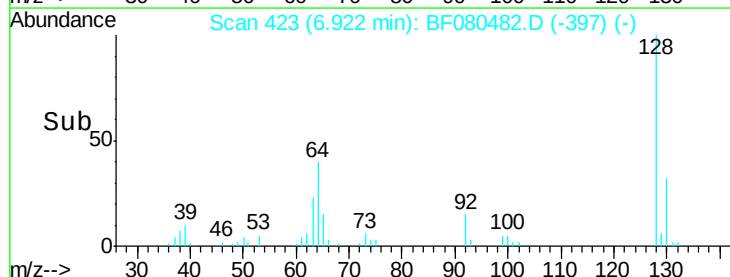
64 40.0 26.3 66.3

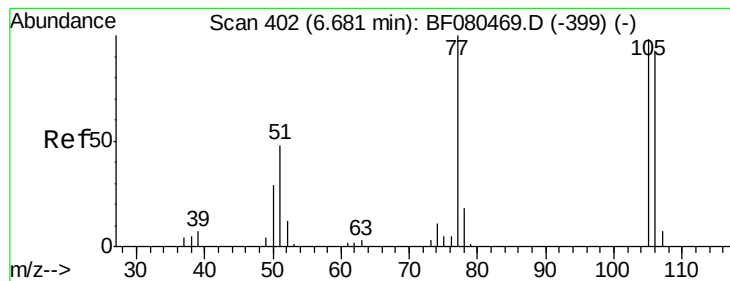


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.18 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

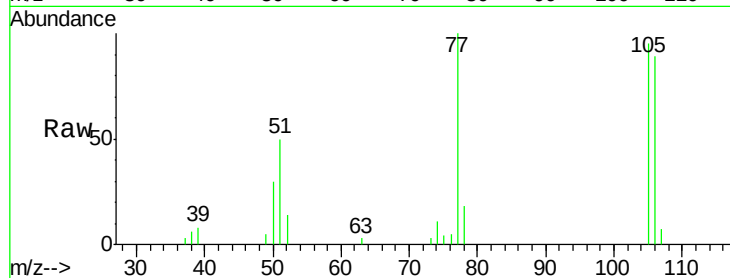
Tgt Ion: 77 Resp: 14746

Ion Ratio Lower Upper

77 100

105 94.9 77.7 117.7

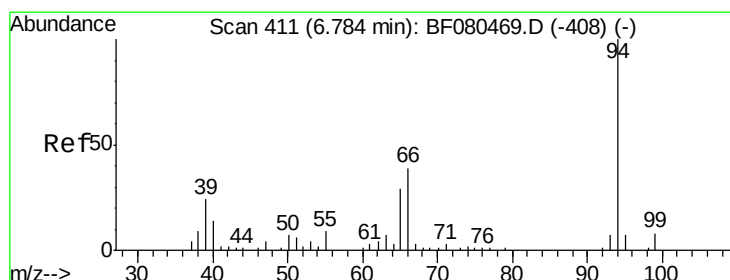
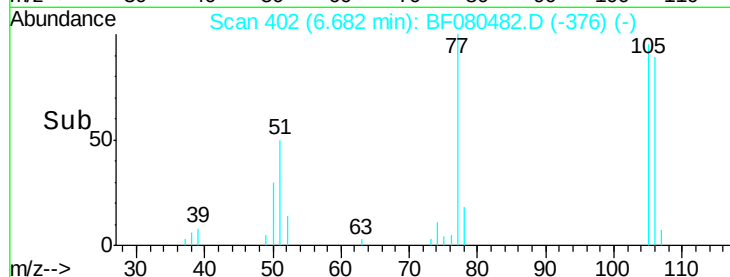
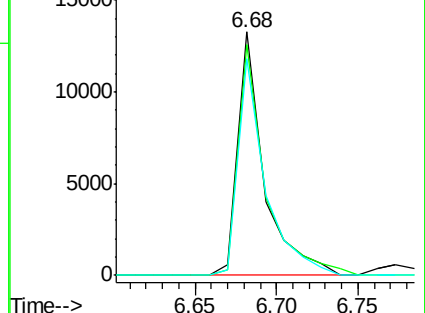
106 88.9 72.6 112.6



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: 29.06 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

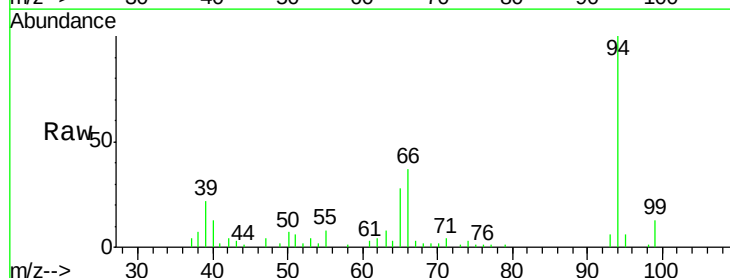
Tgt Ion: 94 Resp: 57053

Ion Ratio Lower Upper

94 100

65 28.5 9.3 49.3

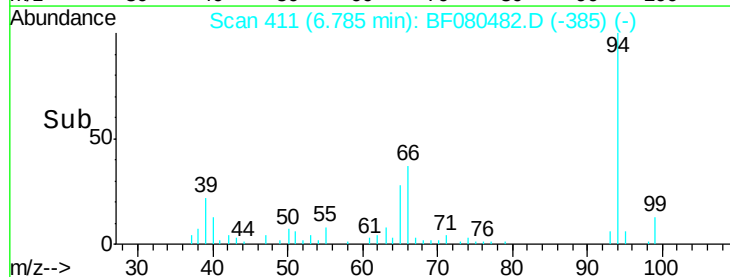
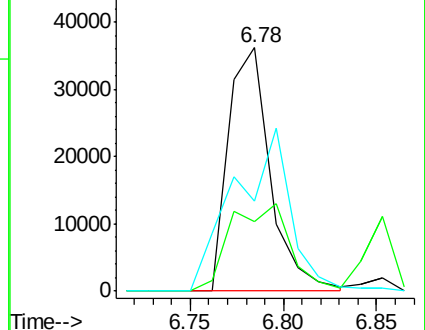
66 36.9 19.3 59.3

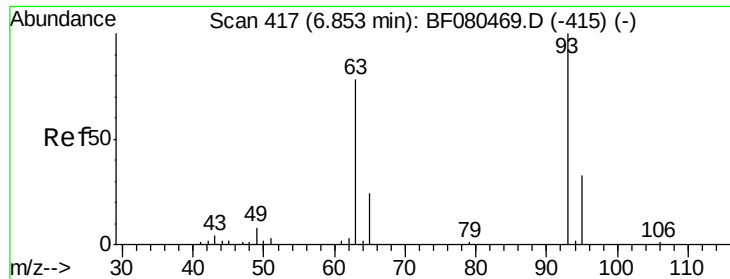


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 28.18 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

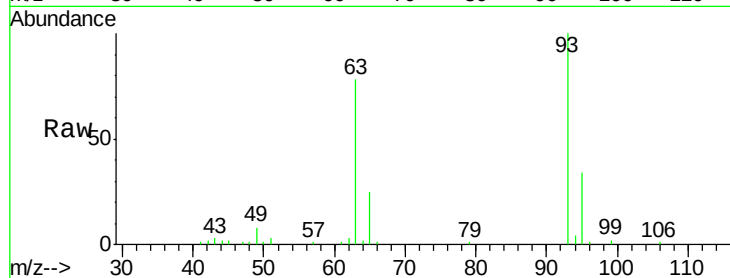
Tgt Ion: 93 Resp: 42061

Ion Ratio Lower Upper

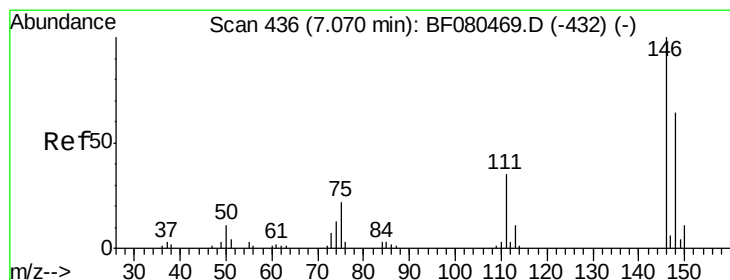
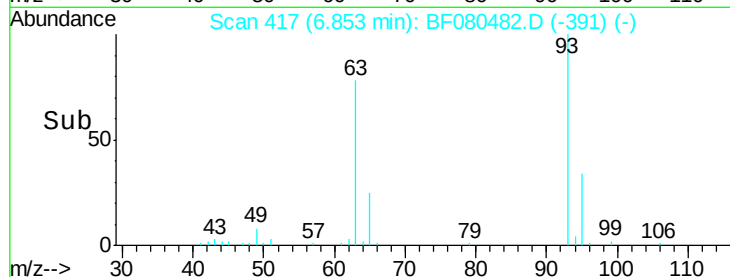
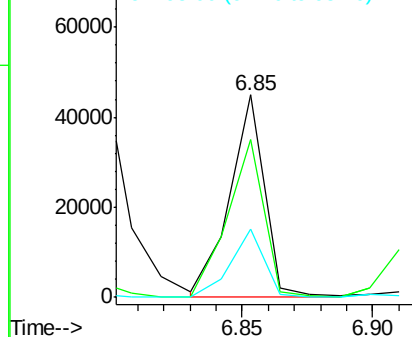
93 100

63 78.0 56.4 96.4

95 33.9 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 27.92 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

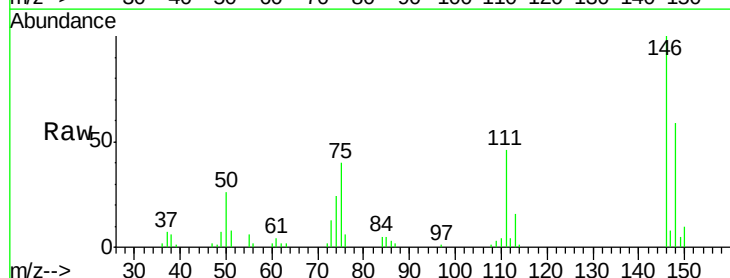
Tgt Ion: 146 Resp: 47530

Ion Ratio Lower Upper

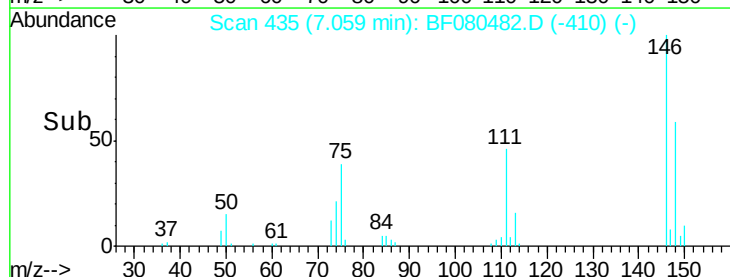
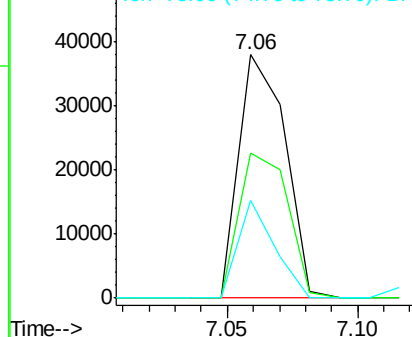
146 100

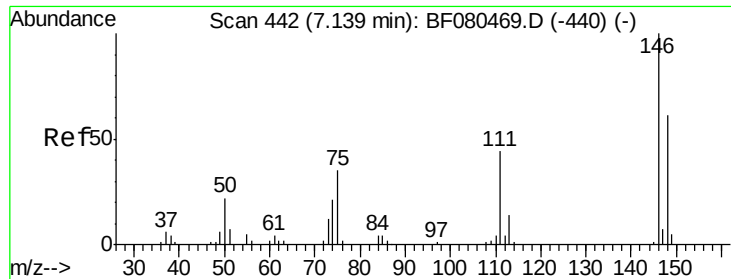
148 59.4 51.0 76.6

75 40.3 17.3 25.9#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

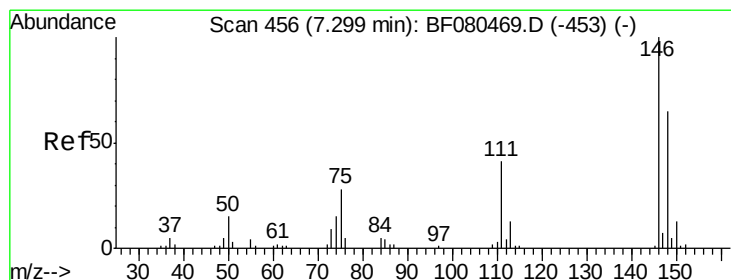
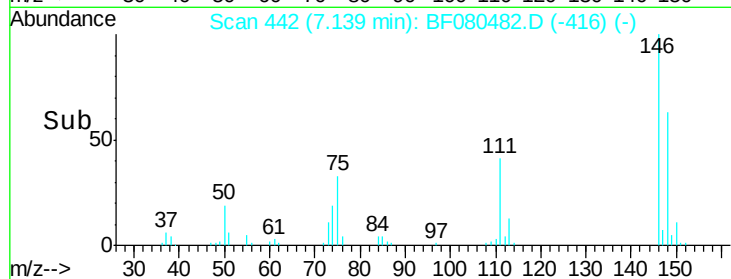
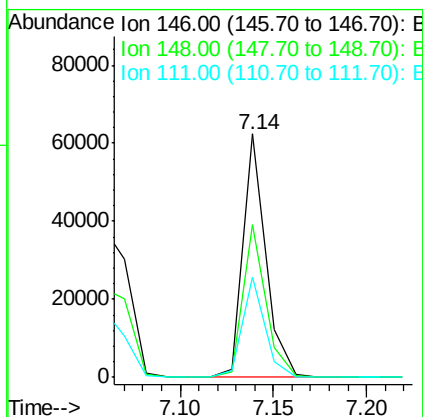
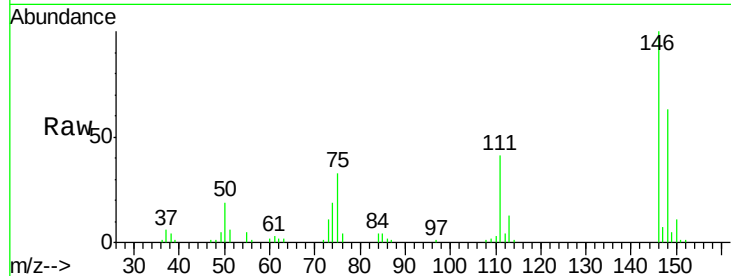




#13
 1,4-Dichlorobenzene
 Concen: 28.75 ng
 RT: 7.14 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

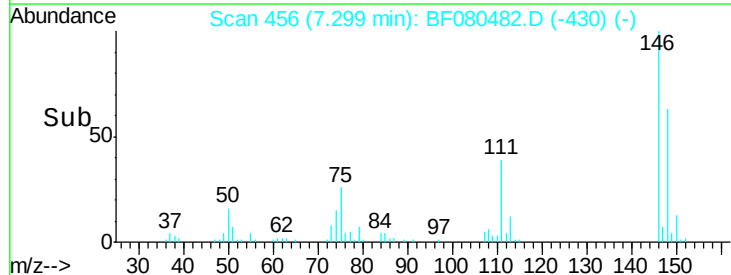
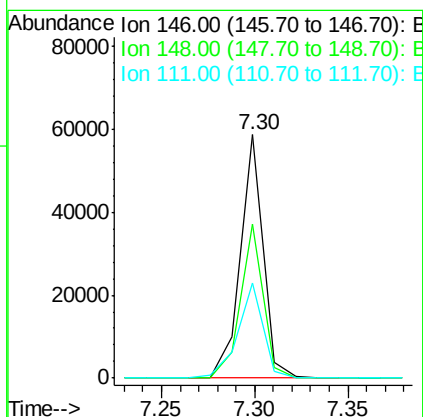
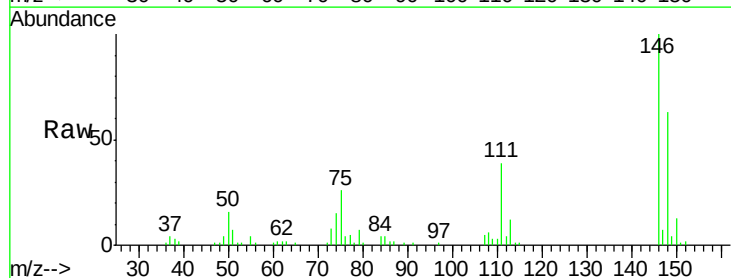
Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

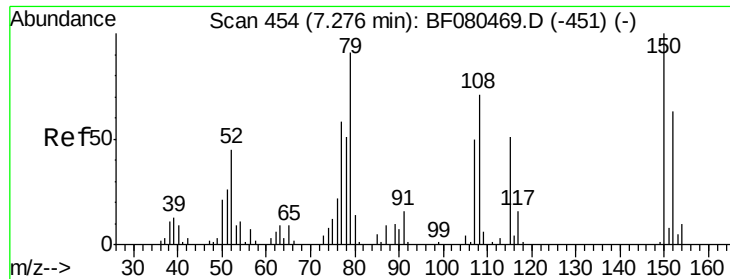
Tgt Ion:146 Resp: 53209
 Ion Ratio Lower Upper
 146 100
 148 62.6 48.5 72.7
 111 41.0 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 28.01 ng
 RT: 7.30 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion:146 Resp: 50123
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.7 77.5
 111 39.2 32.6 49.0





#15

Benzyl Alcohol

Concen: 28.28 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

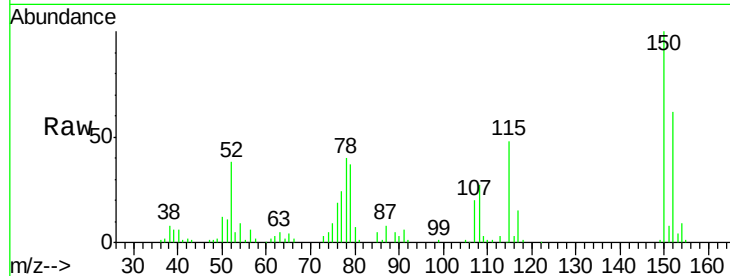
Tgt Ion: 79 Resp: 34463

Ion Ratio Lower Upper

79 100

108 72.9 63.0 94.4

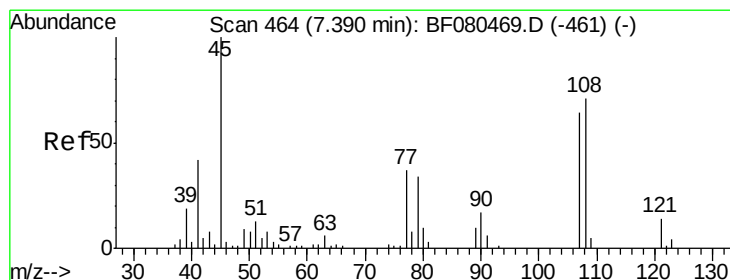
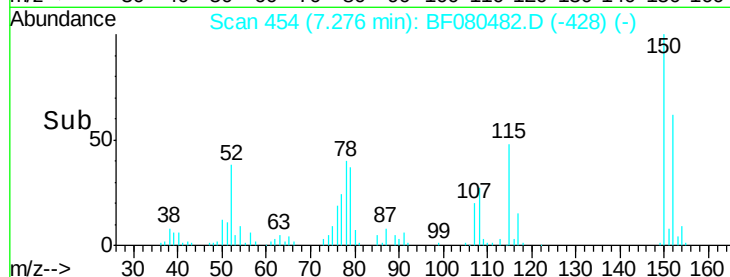
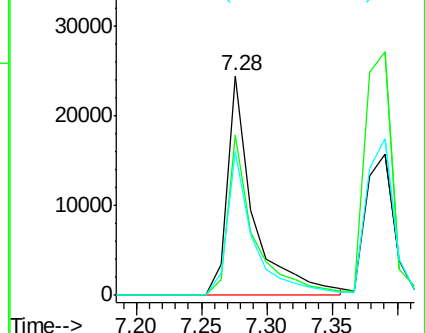
77 65.5 51.1 76.7



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: 30.69 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

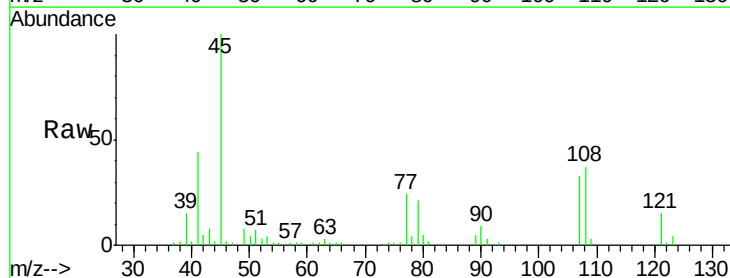
Tgt Ion: 45 Resp: 74247

Ion Ratio Lower Upper

45 100

77 24.0 17.4 57.4

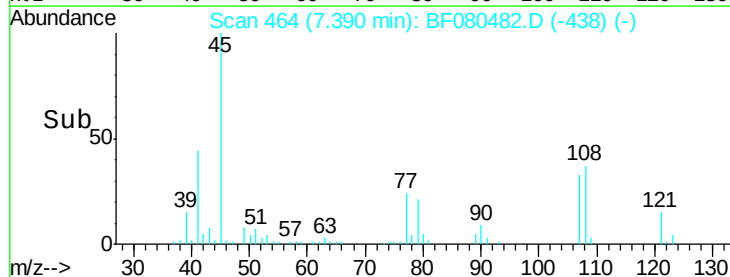
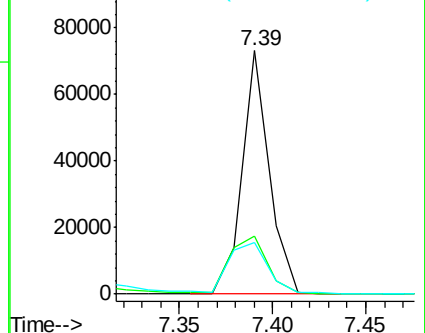
79 21.5 14.7 54.7

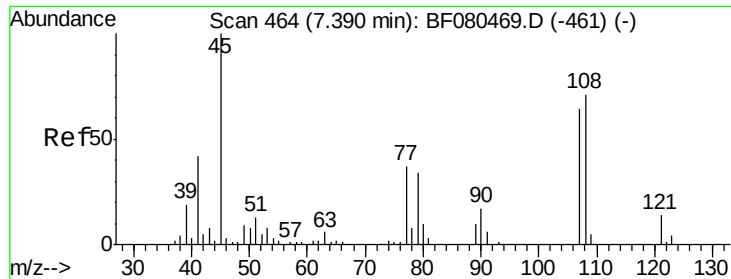


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 29.22 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

Tgt Ion:107 Resp: 34524

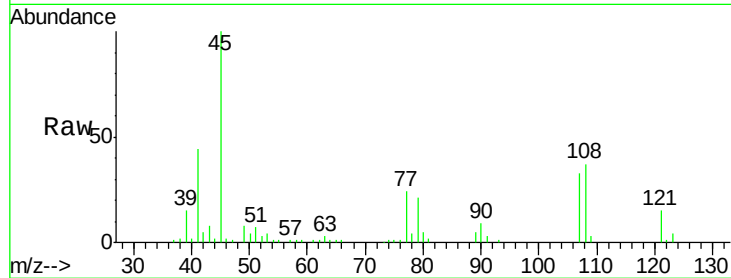
Ion Ratio Lower Upper

107 100

108 112.7 89.0 133.4

77 72.7 46.6 70.0#

79 65.1 43.2 64.8#



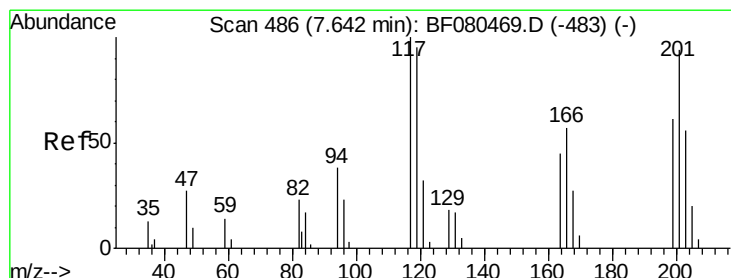
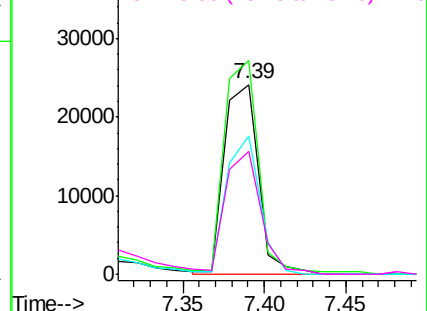
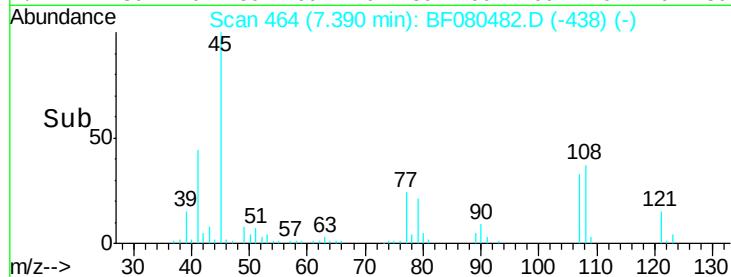
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 27.38 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

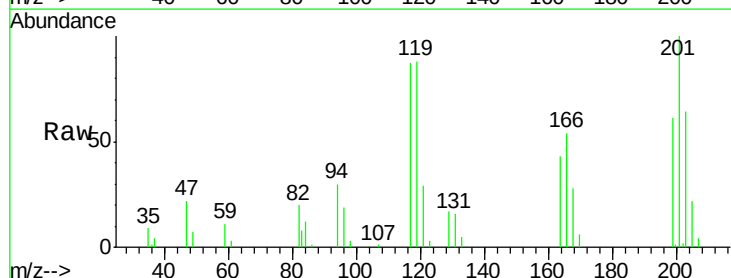
Tgt Ion:117 Resp: 16694

Ion Ratio Lower Upper

117 100

119 100.3 75.6 113.4

201 114.3 75.0 112.6#

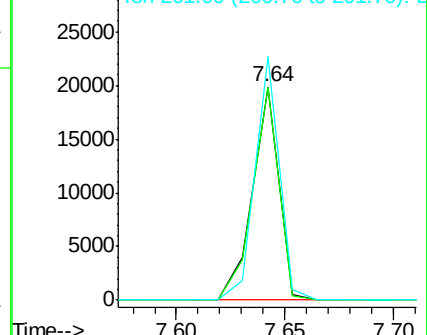
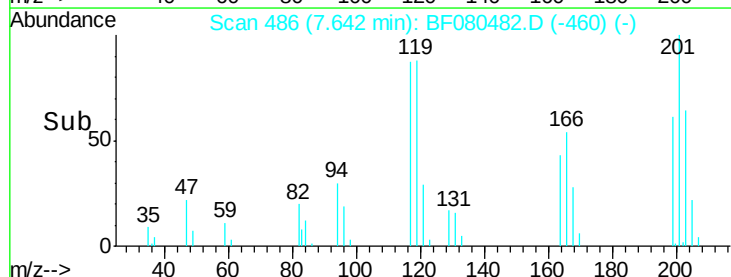


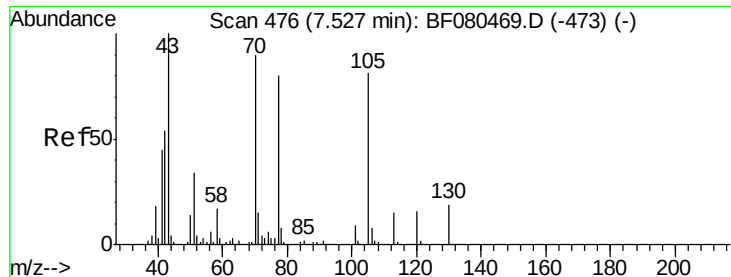
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

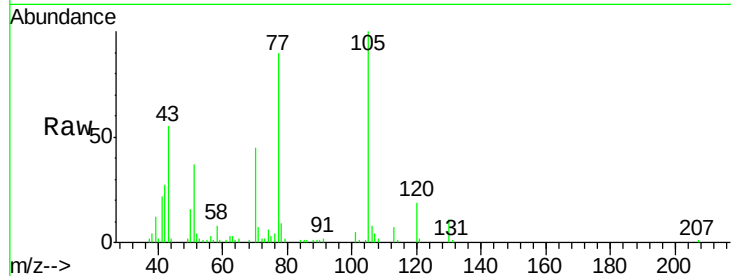




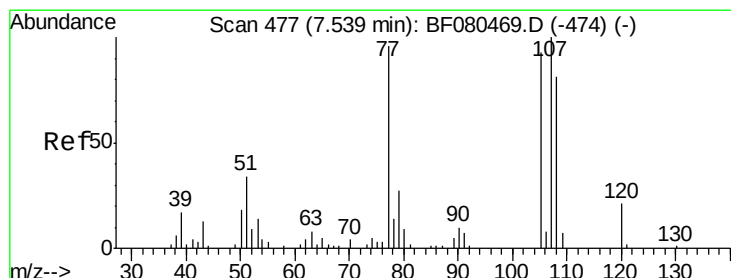
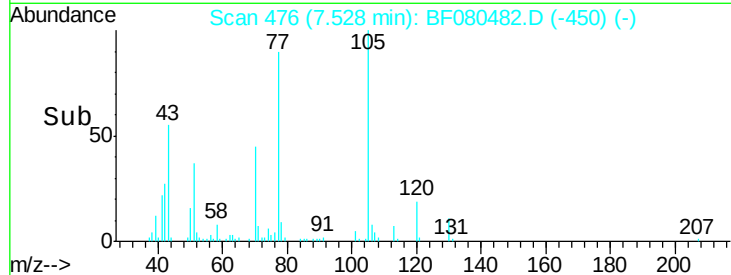
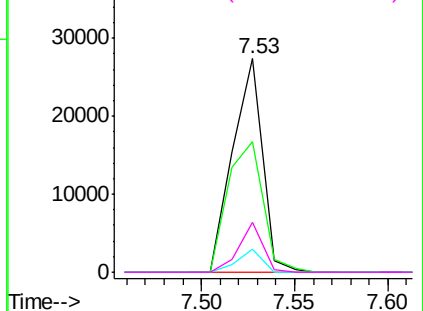
#19
n-Nitroso-di-n-propylamine
Concen: 26.51 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion:	70	Resp:	30581
Ion	Ratio	Lower	Upper
70	100		
42	61.4	48.0	72.0
101	11.0	7.8	11.6
130	23.7	16.7	25.1

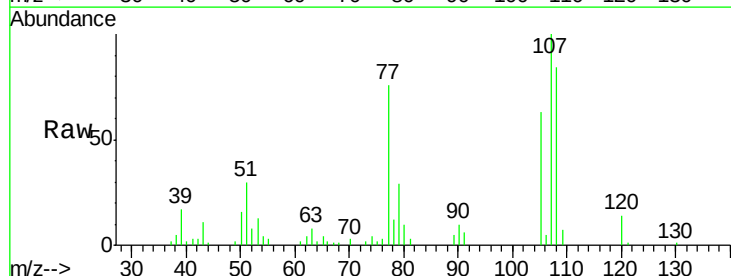


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

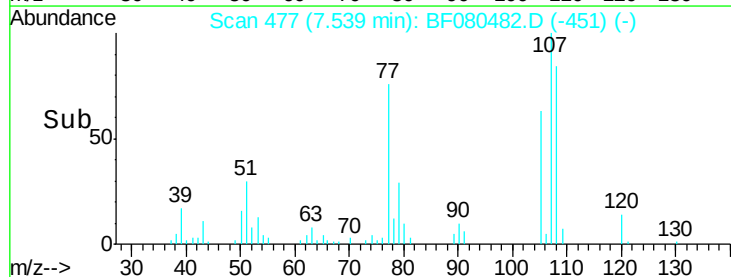
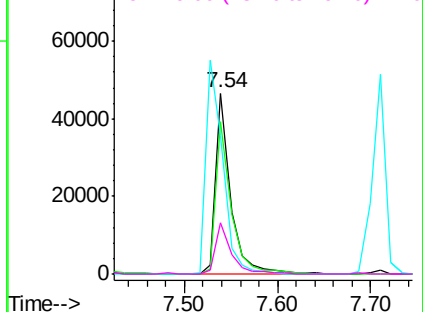


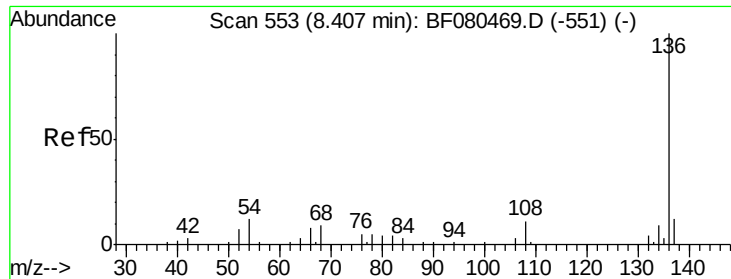
#20
3+4-Methylphenols
Concen: 30.99 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion:	107	Resp:	51891
Ion	Ratio	Lower	Upper
107	100		
108	84.2	61.4	101.4
77	76.5	76.4	116.4
79	28.6	7.2	47.2



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

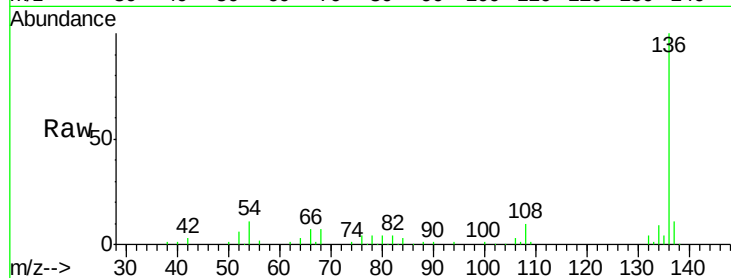




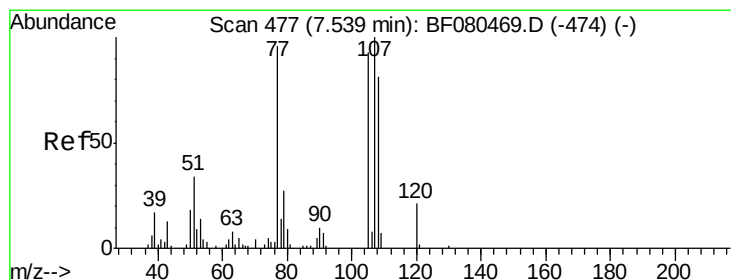
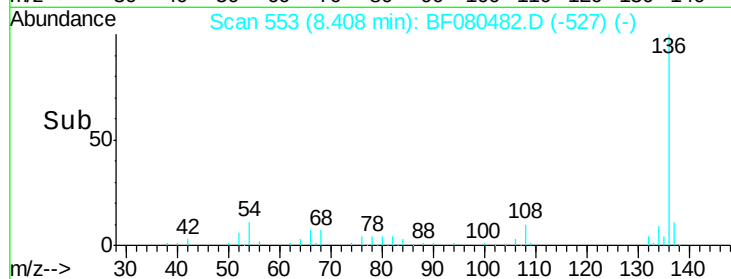
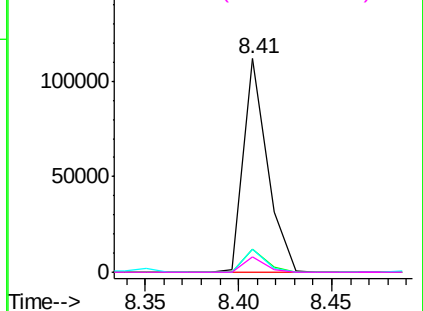
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion:	136	Resp:	99233
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.5	14.3
54	10.9	9.8	14.8
68	7.5	7.0	10.4

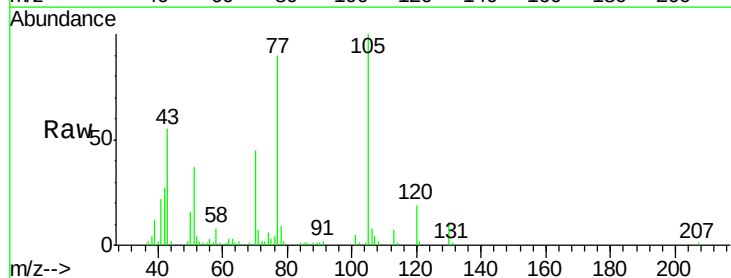


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

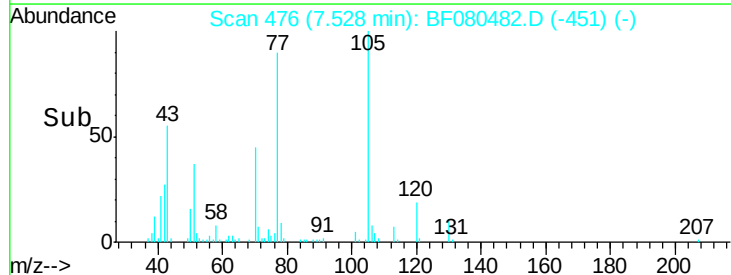
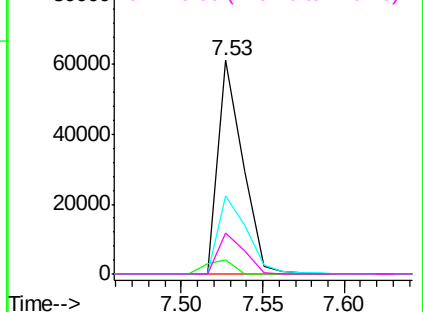


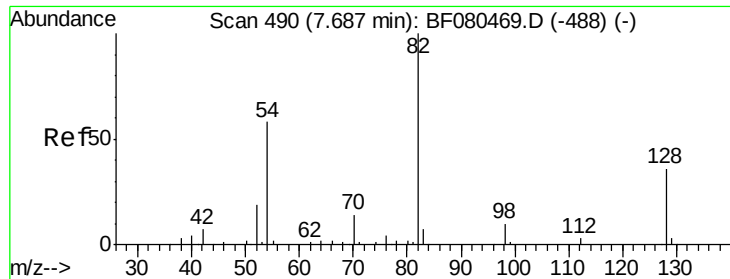
#22
Acetophenone
Concen: 27.62 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion:	105	Resp:	64317
Ion	Ratio	Lower	Upper
105	100		
71	6.9	0.0	0.0#
51	36.5	29.0	43.6
120	19.3	18.3	27.5



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

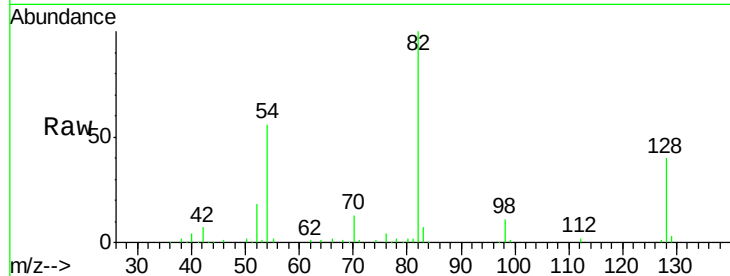




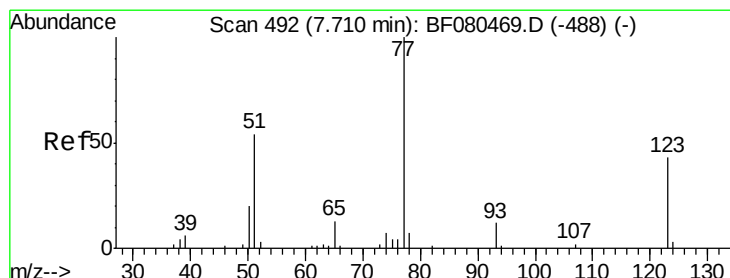
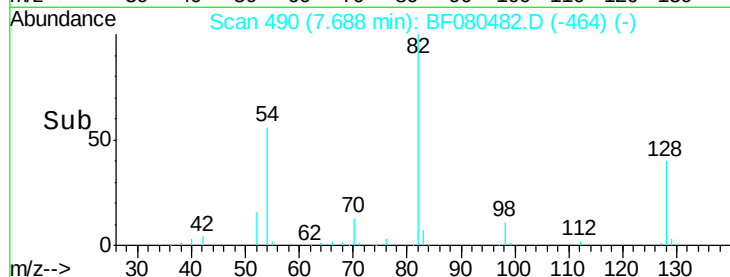
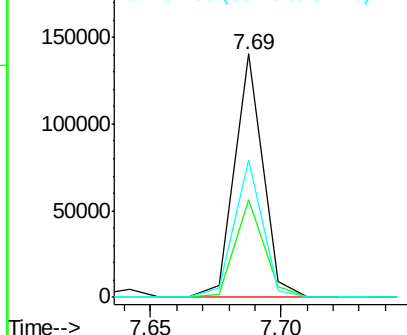
#23
 Nitrobenzene-d5
 Concen: 59.27 ng
 RT: 7.69 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	29.0	43.4
54	56.5	46.4	69.6

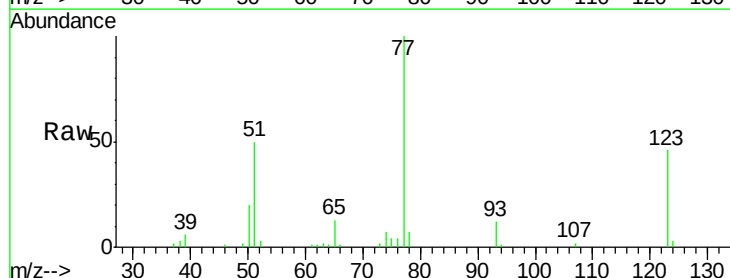


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

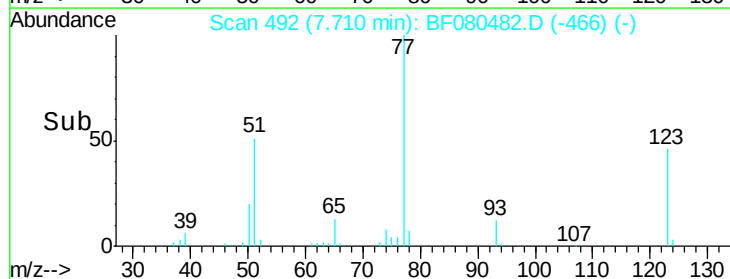
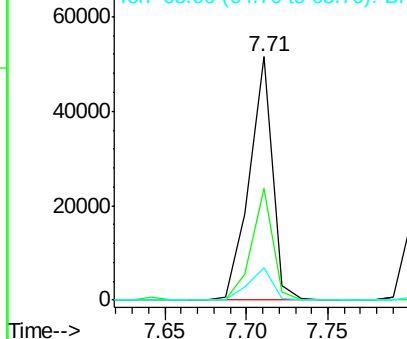


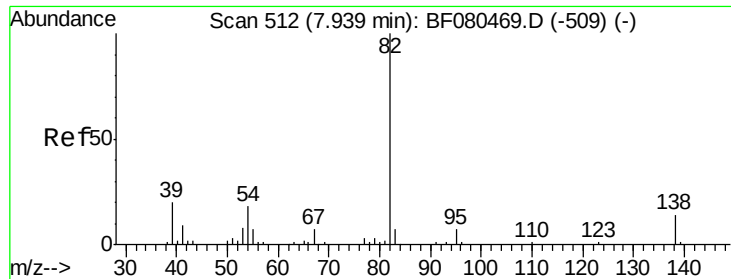
#24
 Nitrobenzene
 Concen: 25.35 ng
 RT: 7.71 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	34.6	51.8
65	13.1	10.2	15.2



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





#25

Isophorone

Concen: 27.90 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

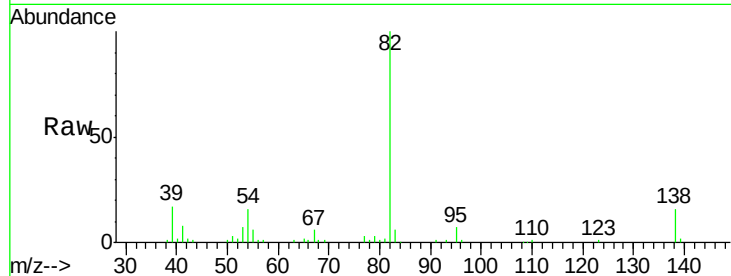
Tgt Ion: 82 Resp: 93376

Ion Ratio Lower Upper

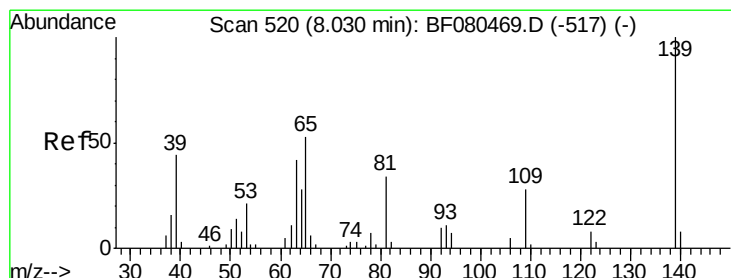
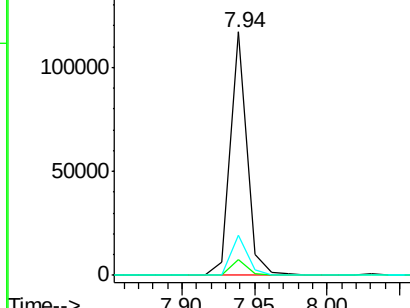
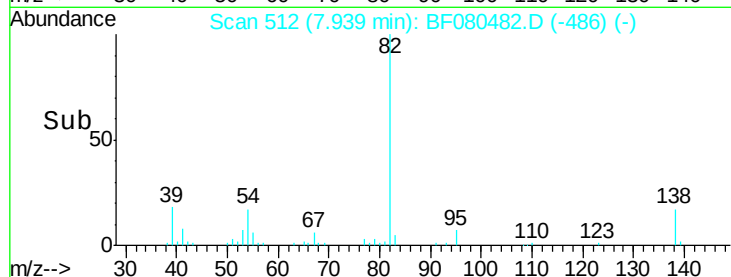
82 100

95 6.7 5.5 8.3

138 16.5 10.8 16.2#



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



#26

2-Nitrophenol

Concen: 26.16 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

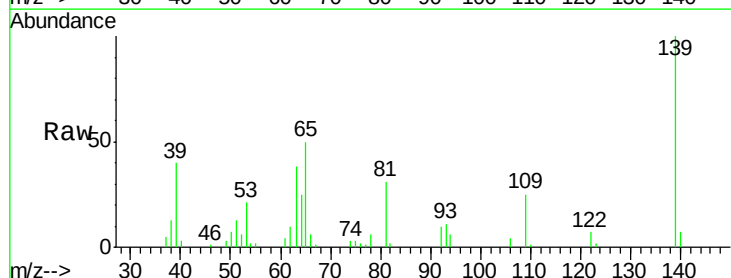
Tgt Ion: 139 Resp: 22676

Ion Ratio Lower Upper

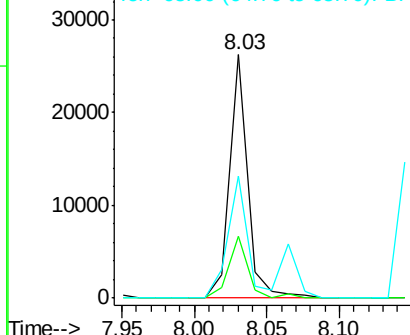
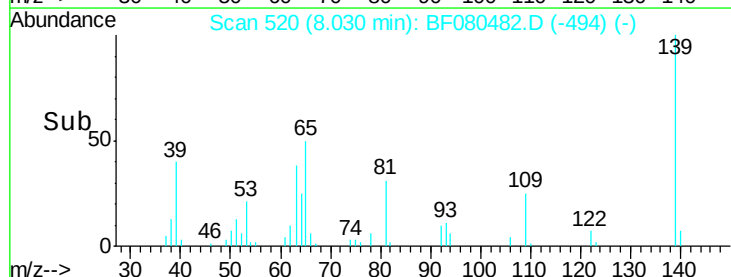
139 100

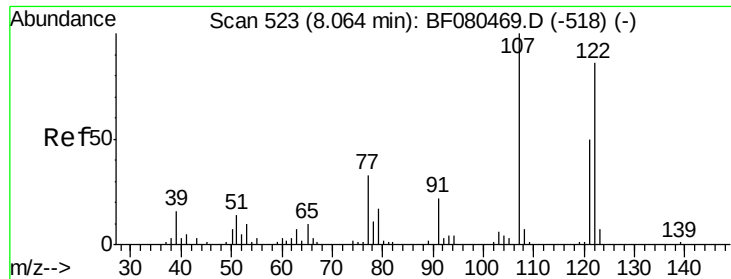
109 25.2 22.6 33.8

65 50.2 42.4 63.6



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

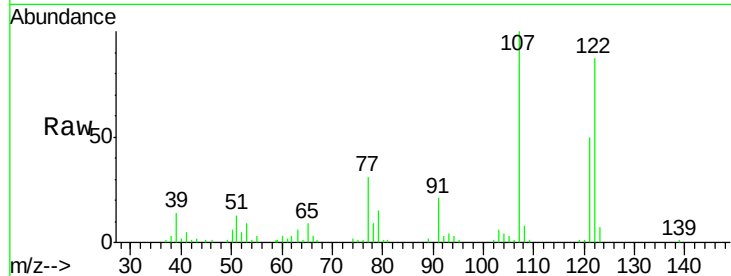




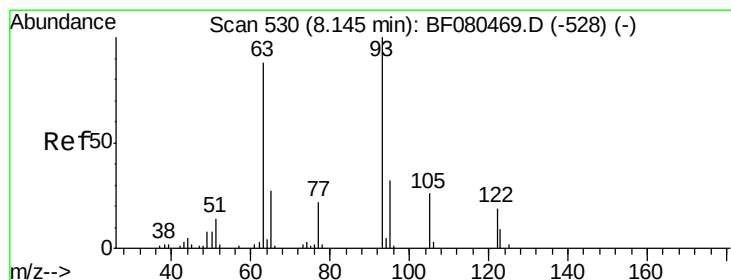
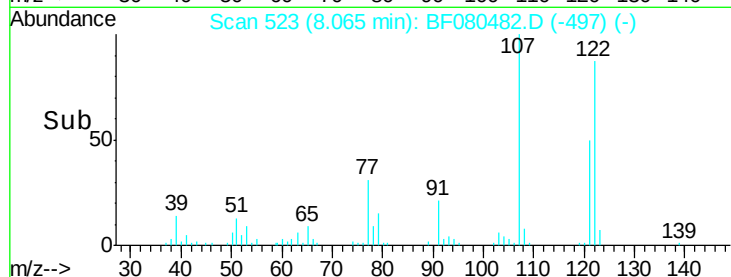
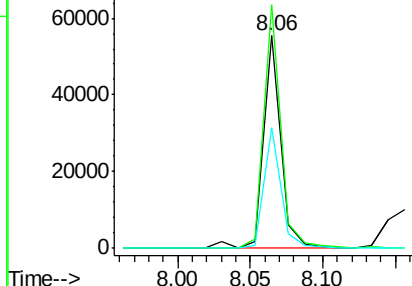
#27
 2,4-Dimethylphenol
 Concen: 28.70 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion: 122 Resp: 45619
 Ion Ratio Lower Upper
 122 100
 107 114.7 93.3 139.9
 121 57.0 47.1 70.7

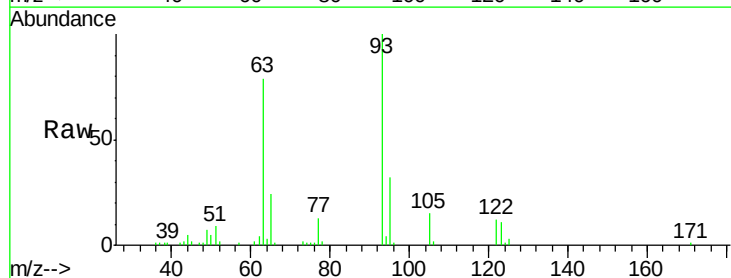


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

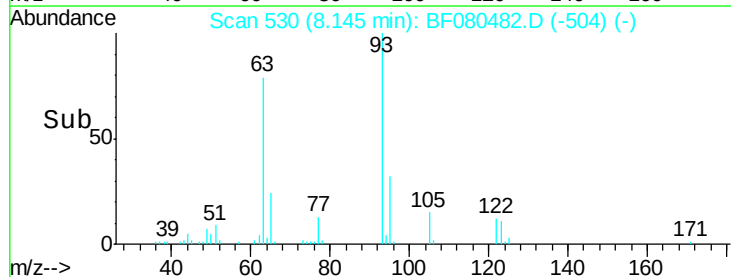
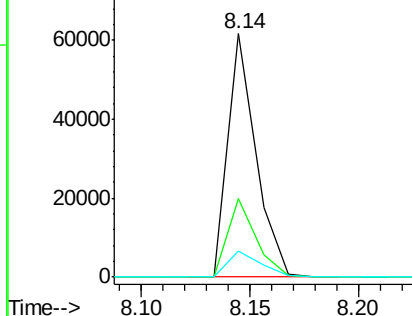


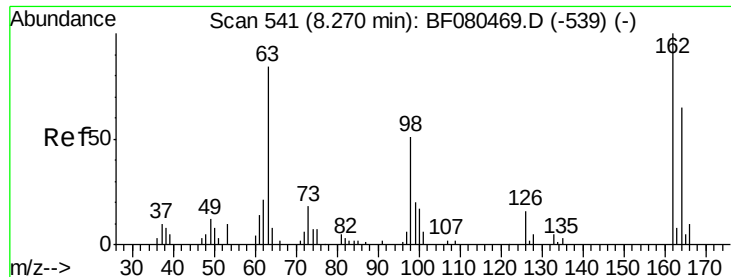
#28
 bis(2-Chloroethoxy)methane
 Concen: 29.14 ng
 RT: 8.14 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion: 93 Resp: 54851
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.4 38.2
 123 10.7 7.5 11.3



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

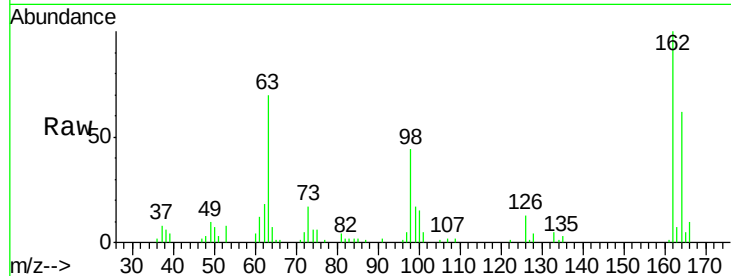




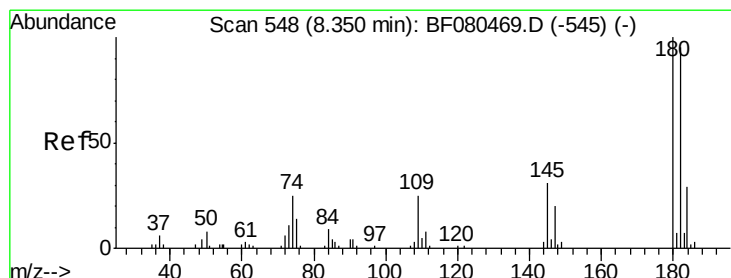
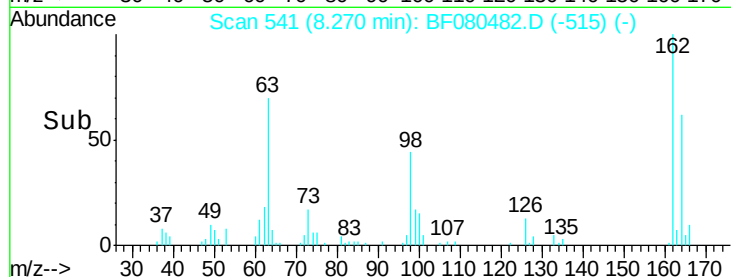
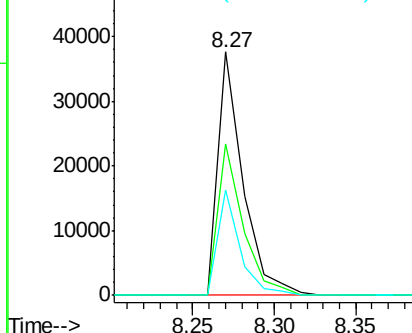
#29
 2,4-Dichlorophenol
 Concen: 28.93 ng
 RT: 8.27 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.7	84.7
98	43.5	31.5	71.5

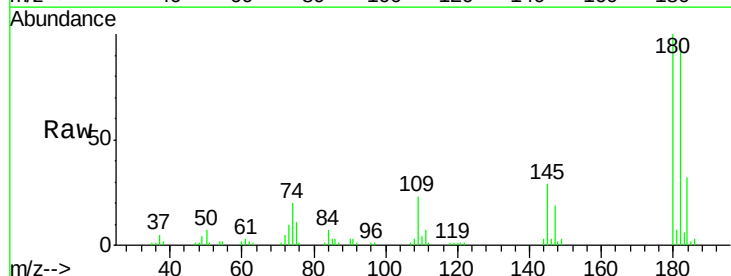


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

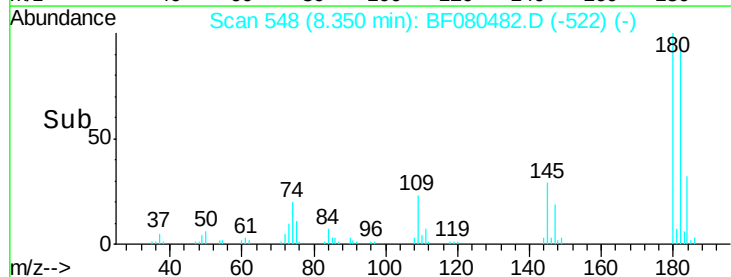
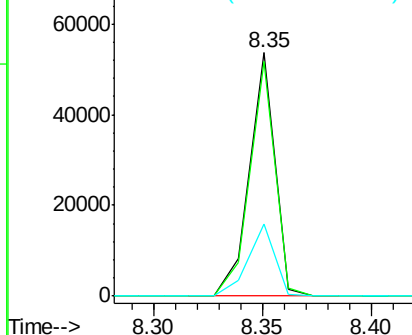


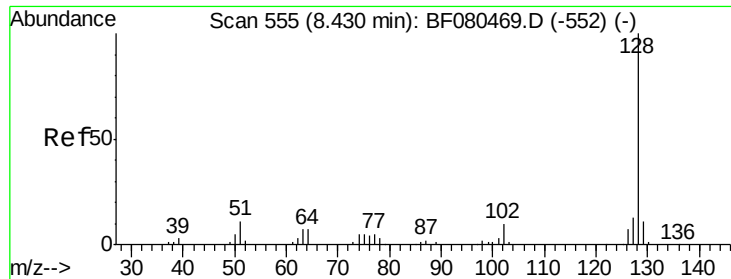
#30
 1,2,4-Trichlorobenzene
 Concen: 25.27 ng
 RT: 8.35 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.4	114.6
145	29.5	24.8	37.2



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

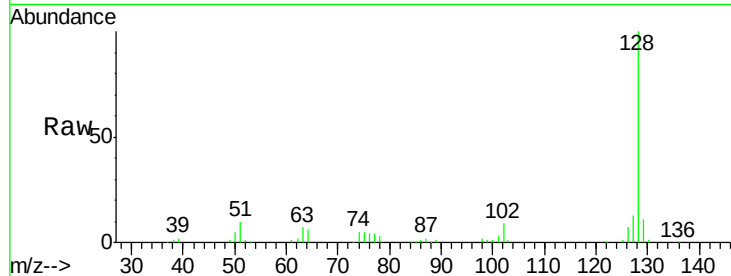




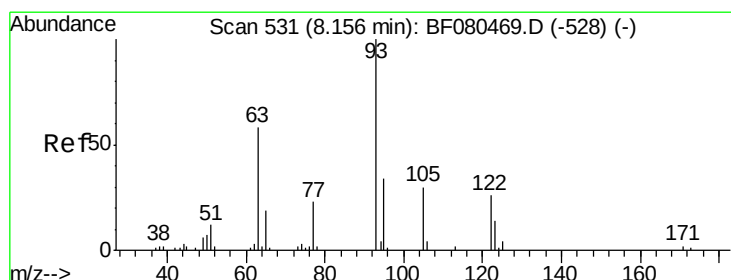
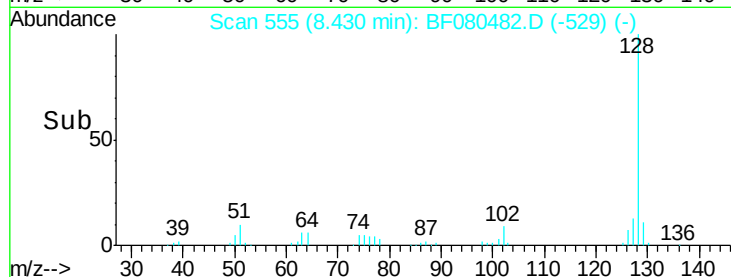
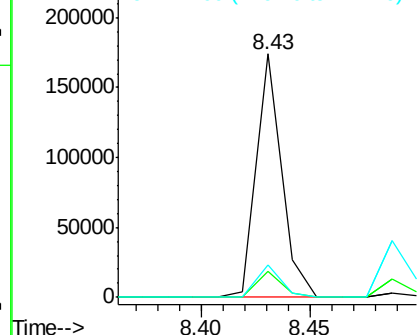
#31
Naphthalene
Concen: 27.45 ng
RT: 8.43 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion:128 Resp: 140922
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.2 10.2 15.2

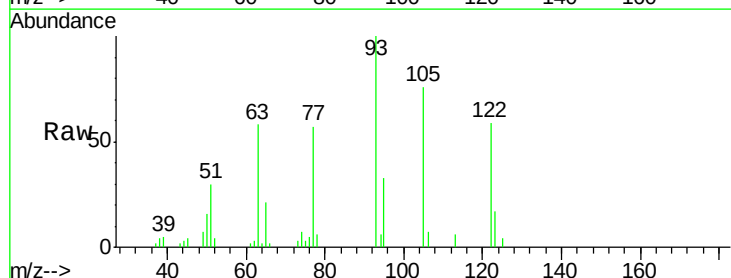


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

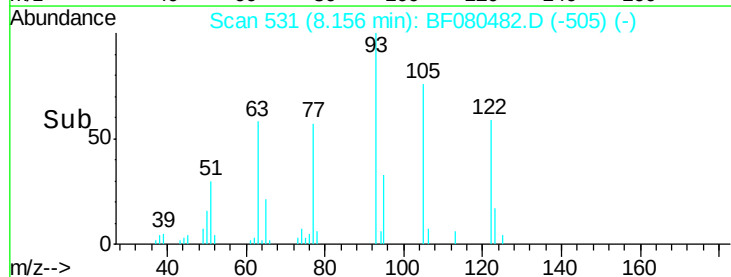
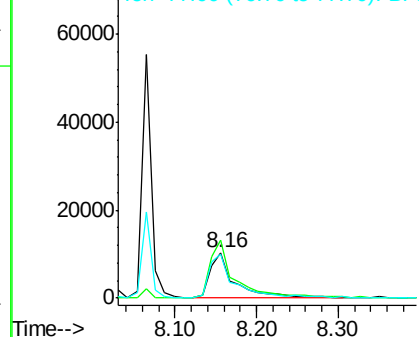


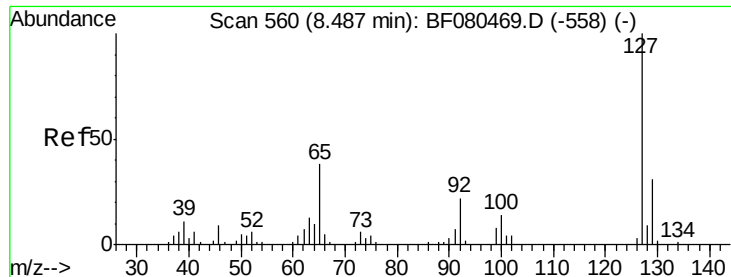
#32
Benzoic acid
Concen: 33.31 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion:122 Resp: 22526
Ion Ratio Lower Upper
122 100
105 128.9 95.4 135.4
77 97.1 70.0 110.0



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

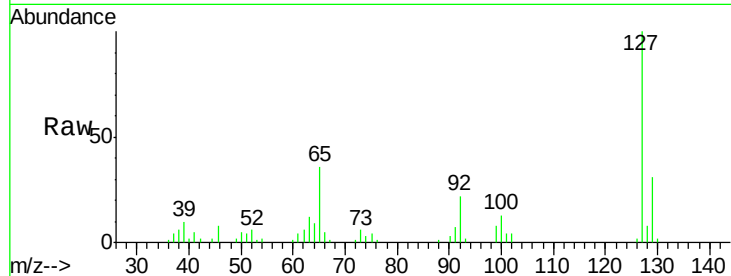




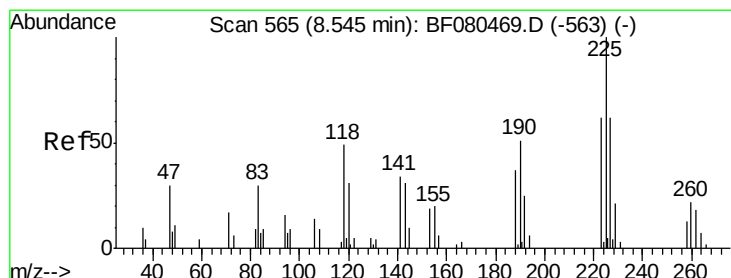
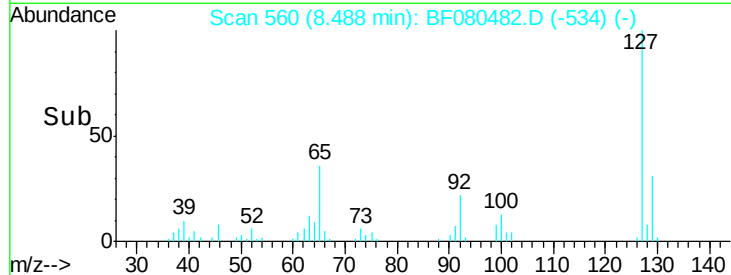
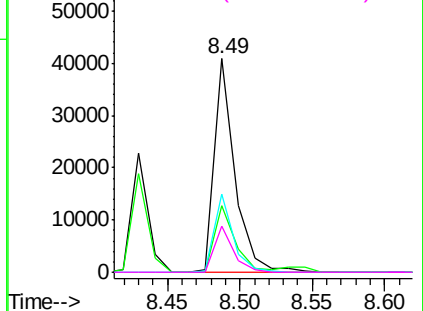
#33
 4-Chloroaniline
 Concen: 19.62 ng
 RT: 8.49 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:	127	Resp:	40089
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.1	37.7
65	36.4	30.0	45.0
92	21.9	17.4	26.0

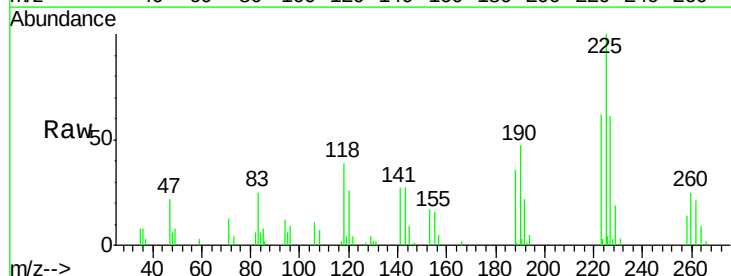


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

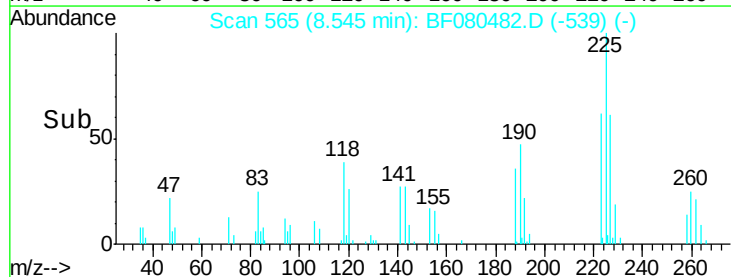
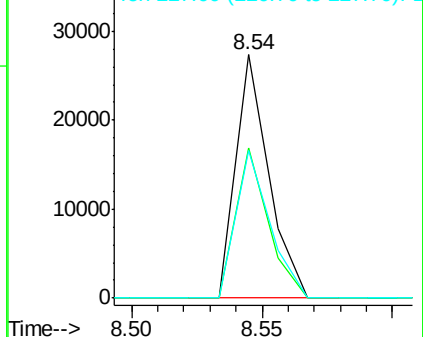


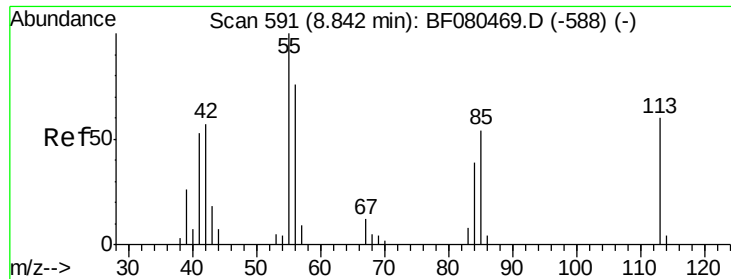
#34
 Hexachlorobutadiene
 Concen: 27.65 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion:	225	Resp:	24160
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.9	74.9
227	60.7	49.2	73.8



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

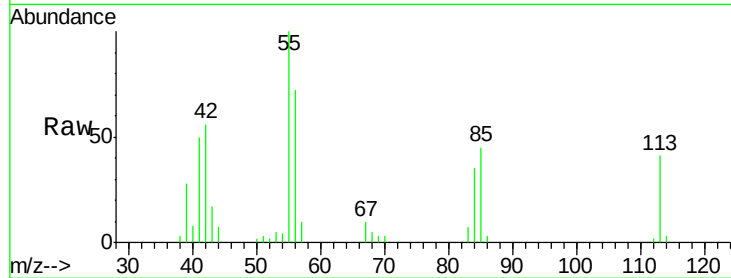




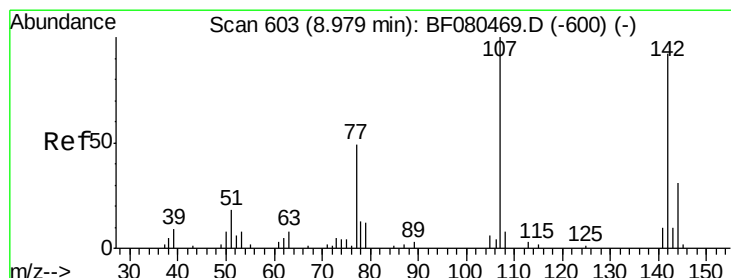
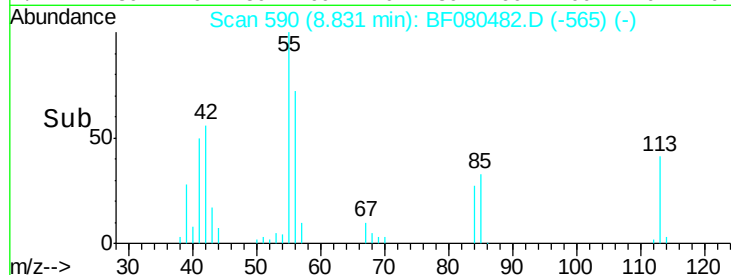
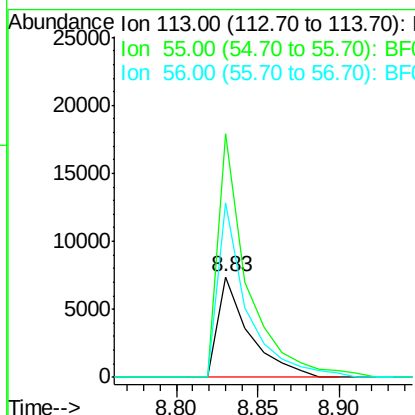
#35
 Caprolactam
 Concen: 27.70 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleID :
 PB84491BS

Tgt Ion:113 Resp: 9908
 Ion Ratio Lower Upper
 113 100
 55 241.6 147.5 187.5#
 56 173.7 106.7 146.7#

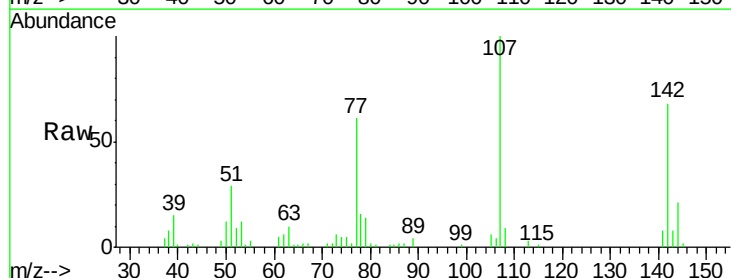


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

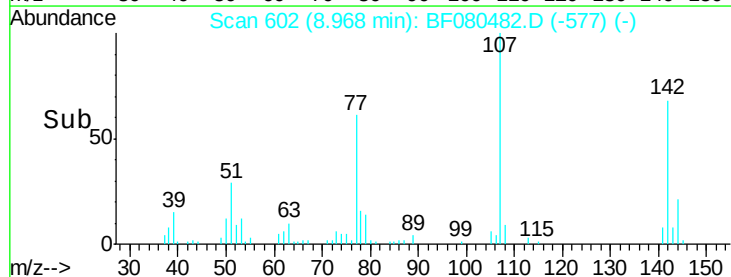
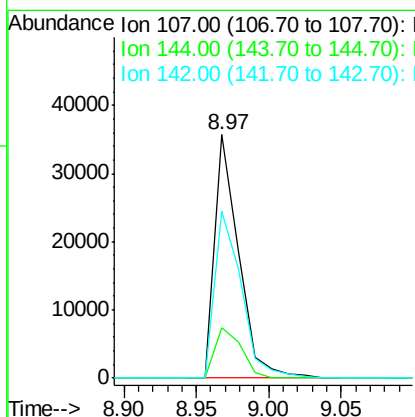


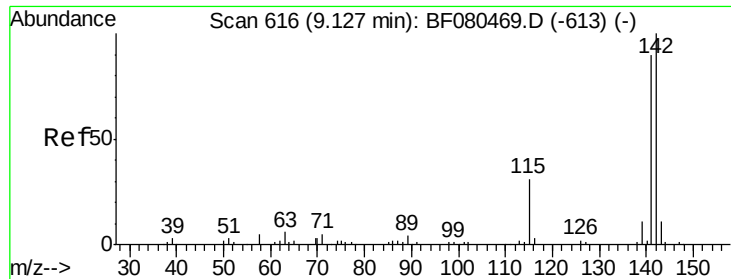
#36
 4-Chloro-3-methylphenol
 Concen: 30.35 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion:107 Resp: 41182
 Ion Ratio Lower Upper
 107 100
 144 20.8 24.8 37.2#
 142 68.5 73.4 110.0#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

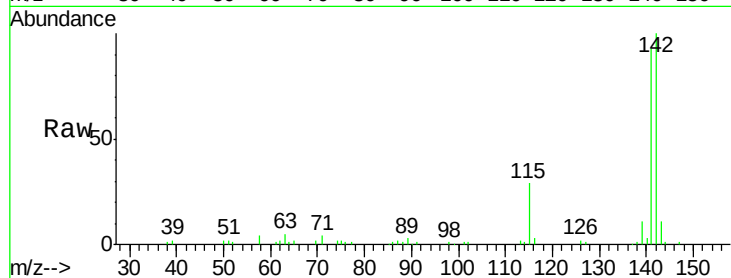




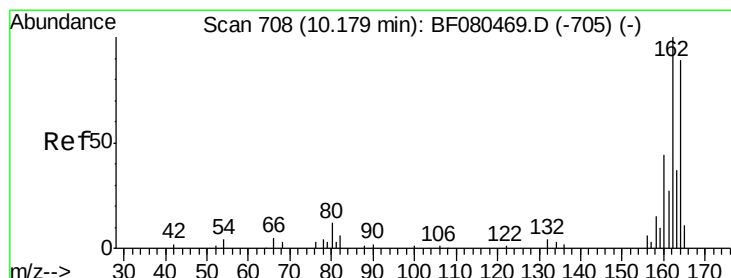
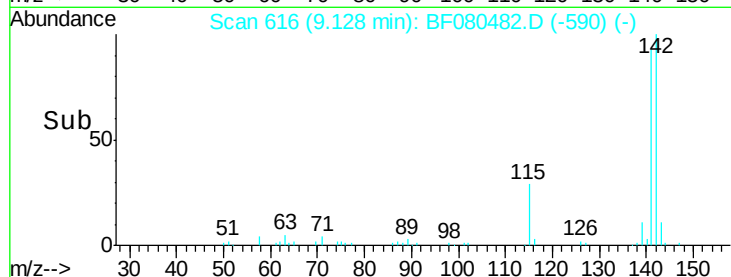
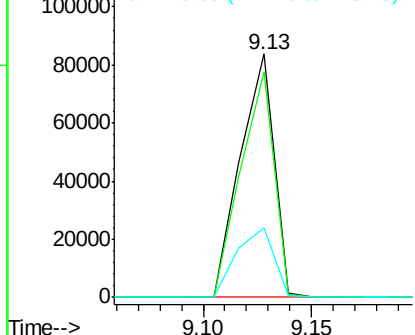
#37
 2-Methylnaphthalene
 Concen: 25.72 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampled :
 PB84491BS

Tgt Ion:142 Resp: 89942
 Ion Ratio Lower Upper
 142 100
 141 92.8 71.6 107.4
 115 28.8 24.6 37.0

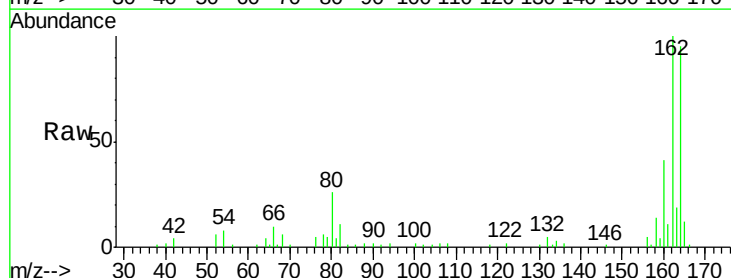


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

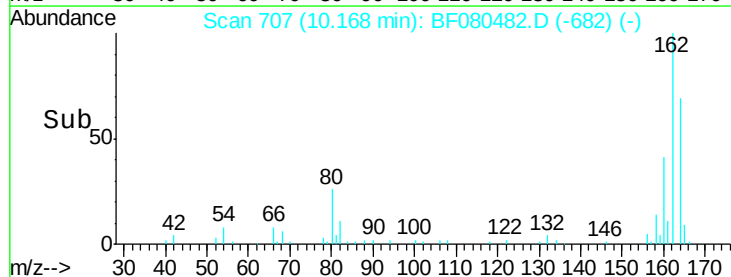
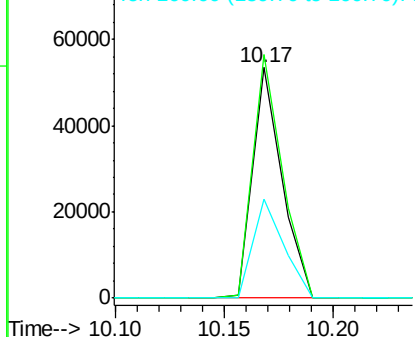


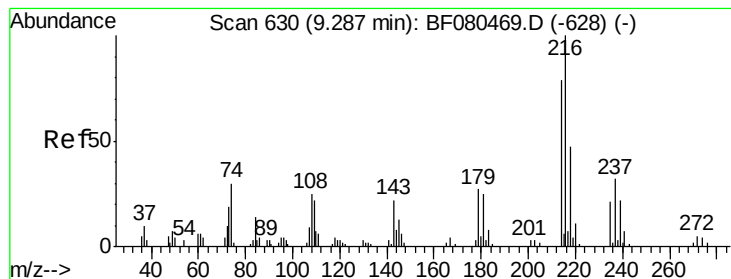
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion:164 Resp: 49914
 Ion Ratio Lower Upper
 164 100
 162 105.6 89.8 134.8
 160 43.1 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.48 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

Tgt Ion:216 Resp: 42204

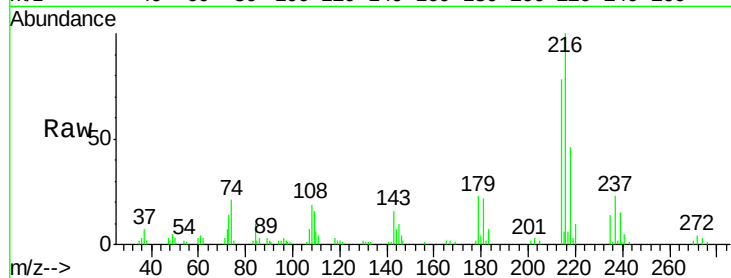
Ion Ratio Lower Upper

216 100

214 77.7 63.0 94.4

179 22.0 18.3 27.5

108 21.7 16.7 25.1

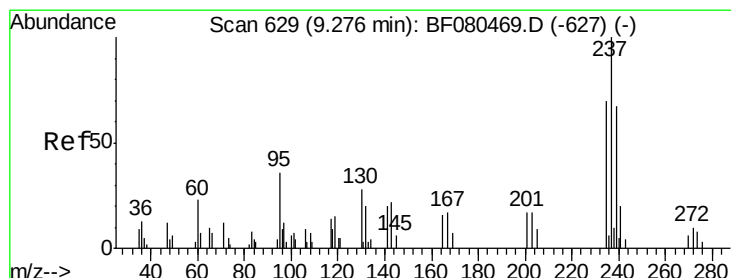
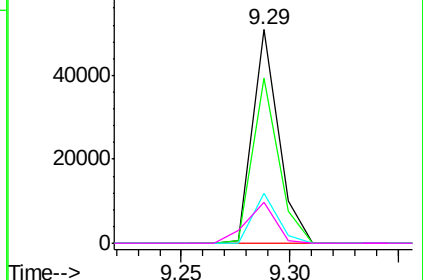
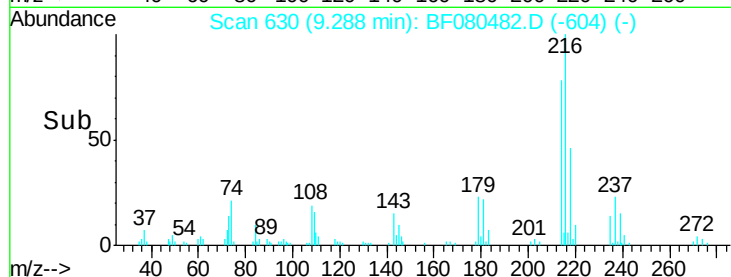


Abundance Ion 216.00 (215.70 to 216.70): E

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: 56.70 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

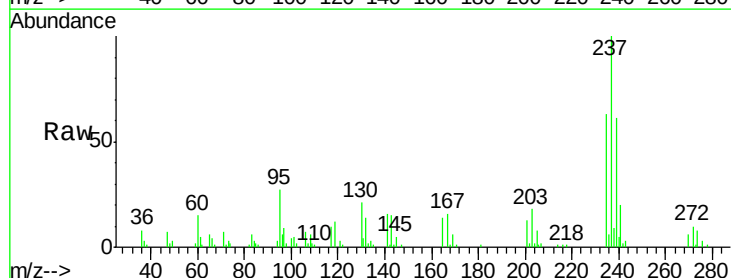
Tgt Ion:237 Resp: 44926

Ion Ratio Lower Upper

237 100

235 62.6 49.9 89.9

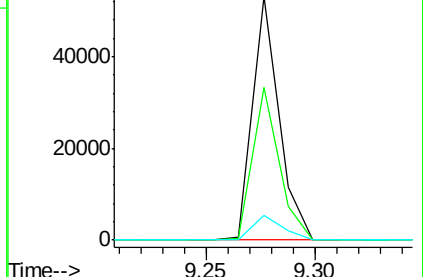
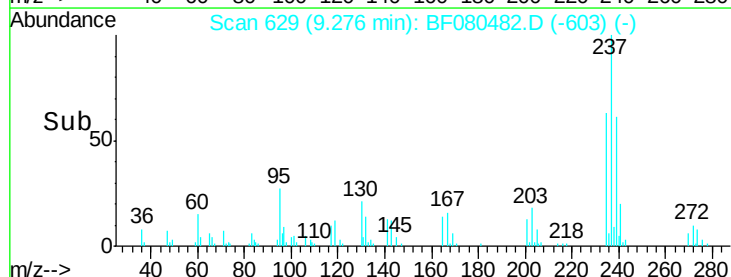
272 10.4 0.0 30.0

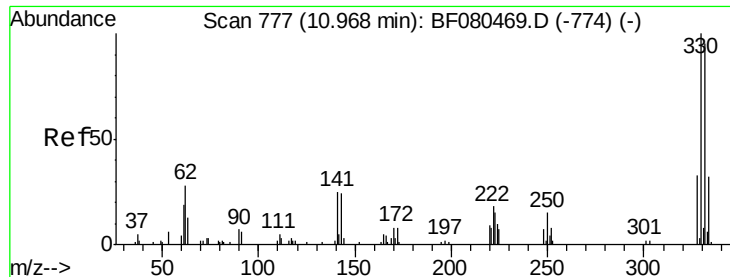


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

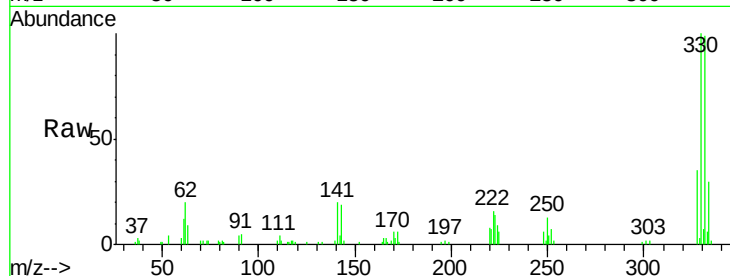




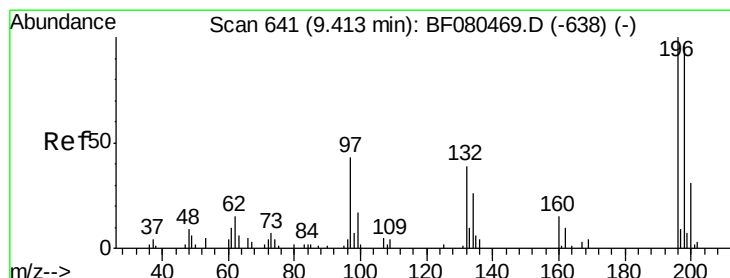
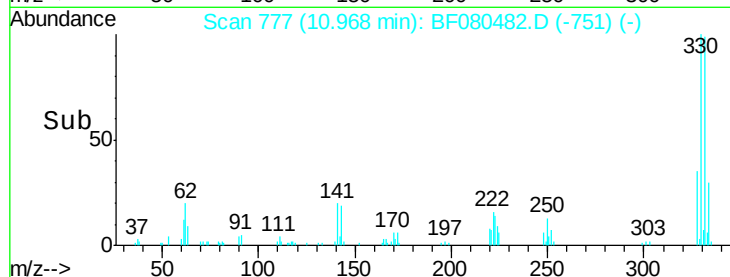
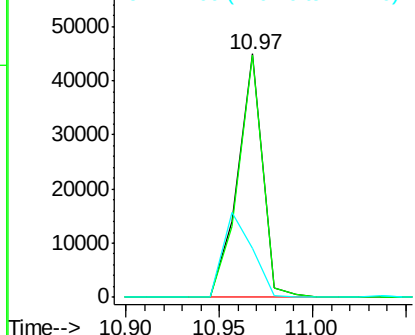
#41
 2,4,6-Tribromophenol
 Concen: 88.72 ng
 RT: 10.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:330 Resp: 41858
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.2 114.4
 141 41.3 29.8 44.6

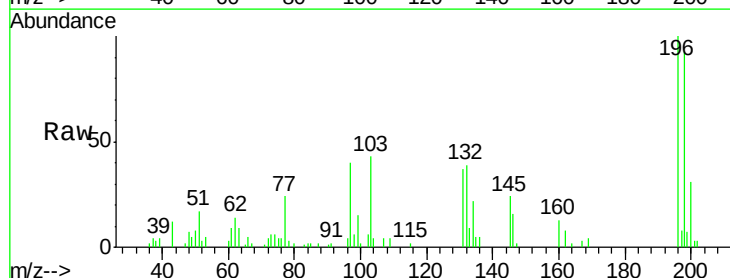


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

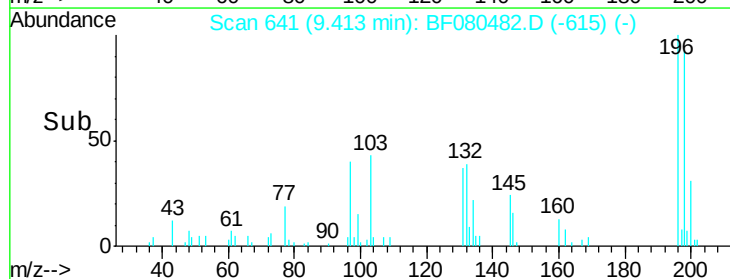
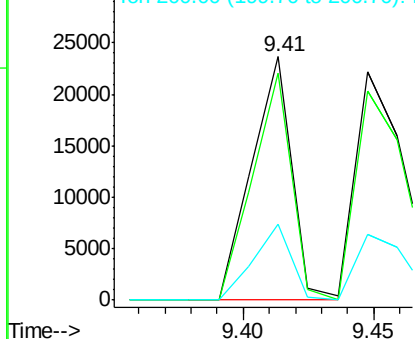


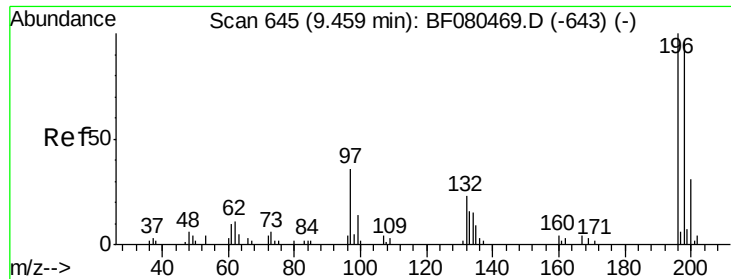
#42
 2,4,6-Trichlorophenol
 Concen: 24.76 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion:196 Resp: 25491
 Ion Ratio Lower Upper
 196 100
 198 93.4 77.2 115.8
 200 31.2 24.7 37.1



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

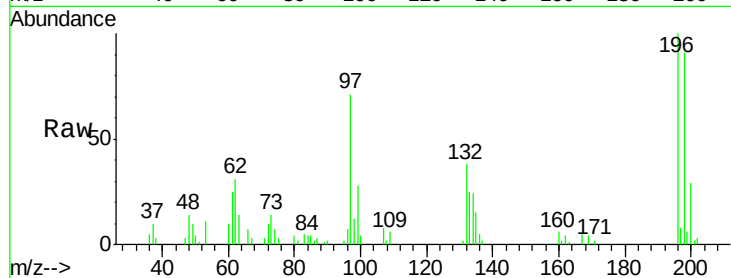




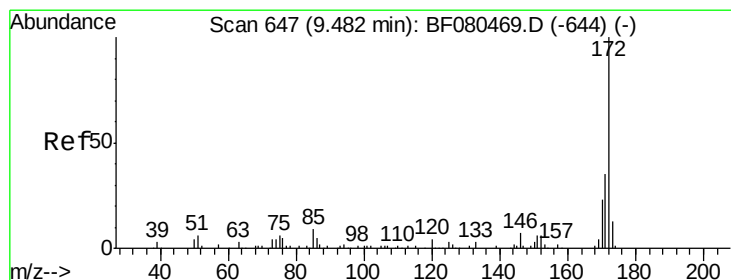
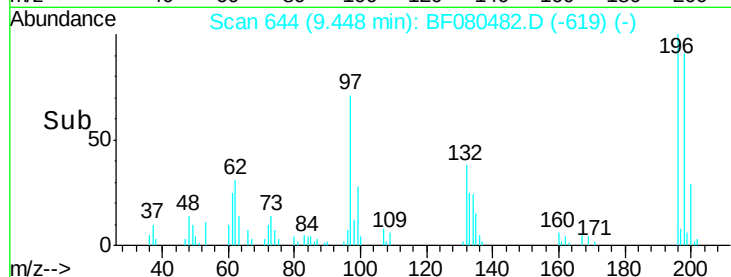
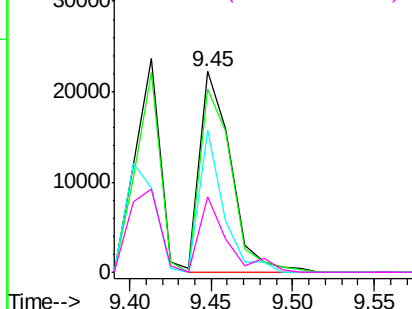
#43
 2,4,5-Trichlorophenol
 Concen: 28.58 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:196 Resp: 29650
 Ion Ratio Lower Upper
 196 100
 198 91.4 77.0 115.6
 97 70.9 28.6 43.0#
 132 37.7 18.6 27.8#

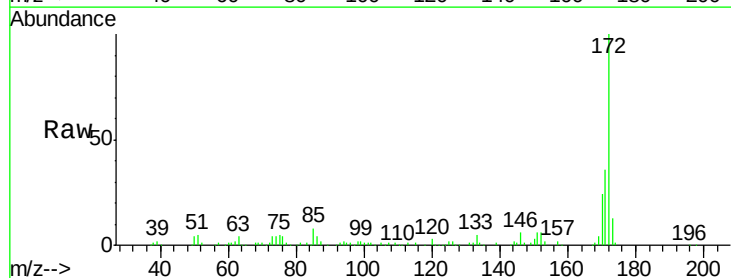


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

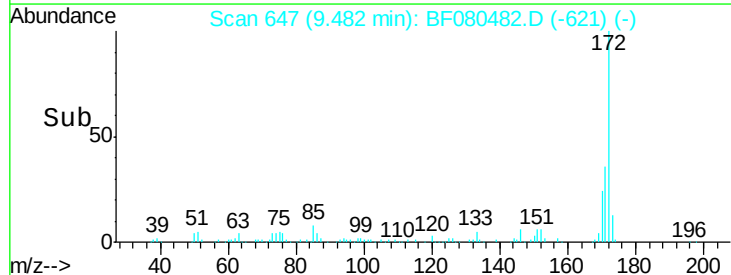
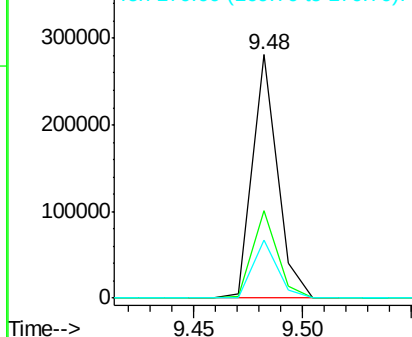


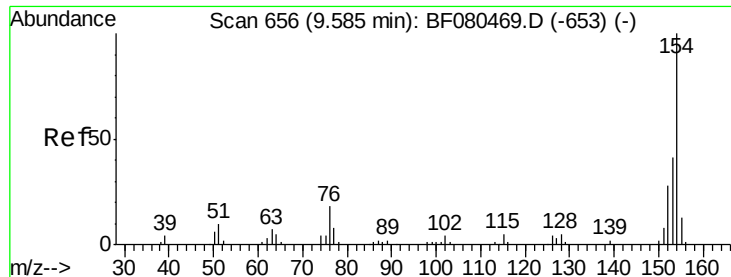
#44
 2-Fluorobiphenyl
 Concen: 61.67 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion:172 Resp: 224663
 Ion Ratio Lower Upper
 172 100
 171 36.2 27.9 41.9
 170 23.8 18.5 27.7



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

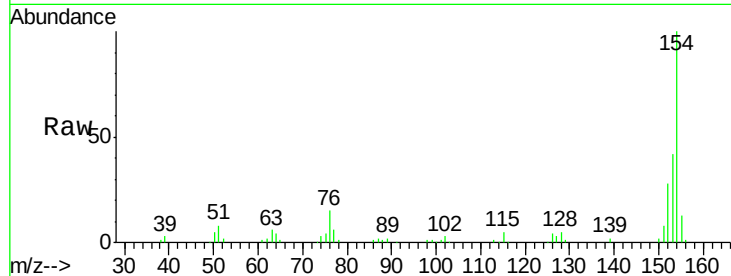




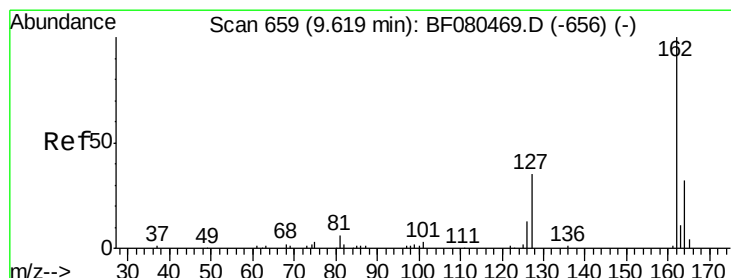
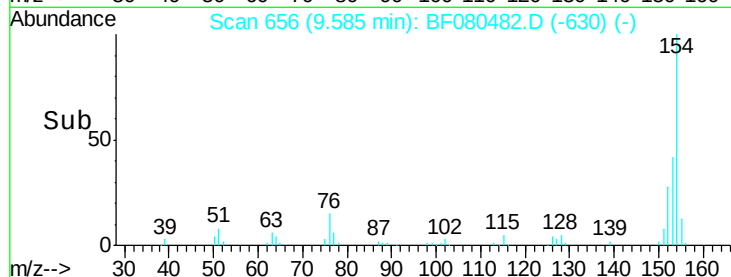
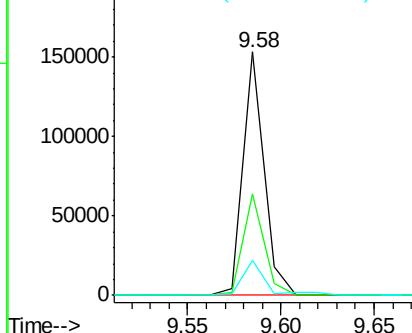
#45
 1,1'-Biphenyl
 Concen: 28.05 ng
 RT: 9.58 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.8	60.8
76	14.6	0.0	37.7

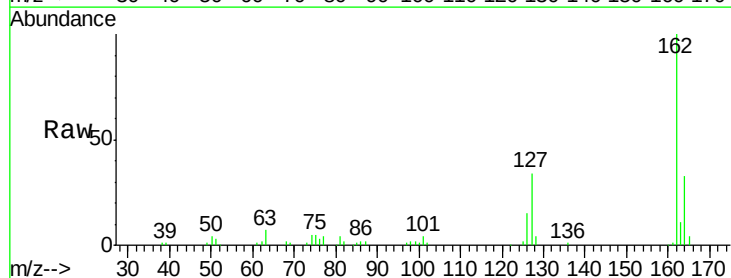


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

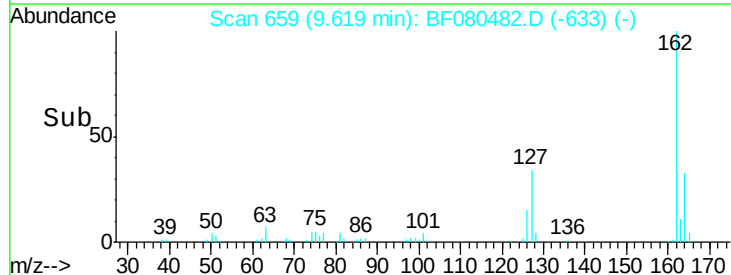
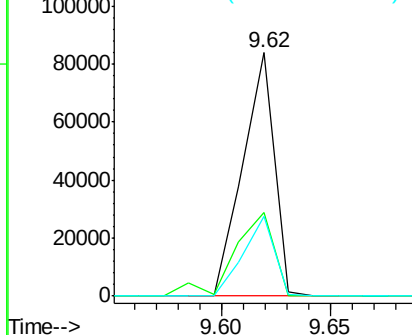


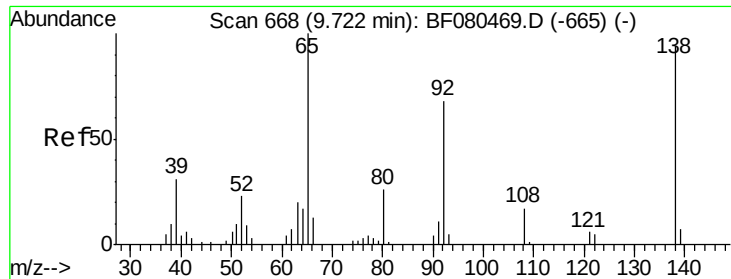
#46
 2-Chloronaphthalene
 Concen: 23.89 ng
 RT: 9.62 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.2	30.4	45.6
164	32.8	25.8	38.8



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

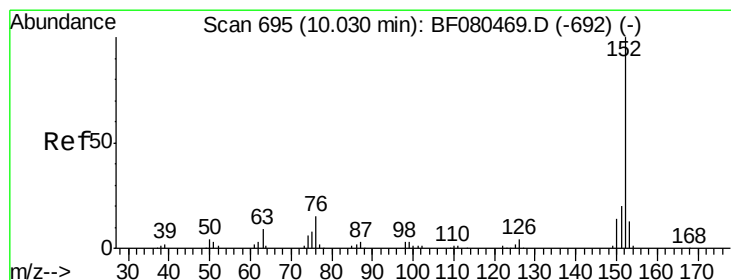
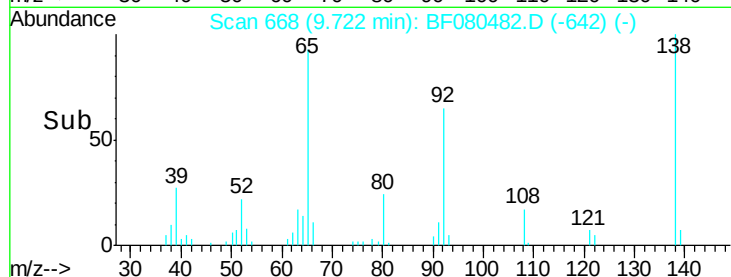
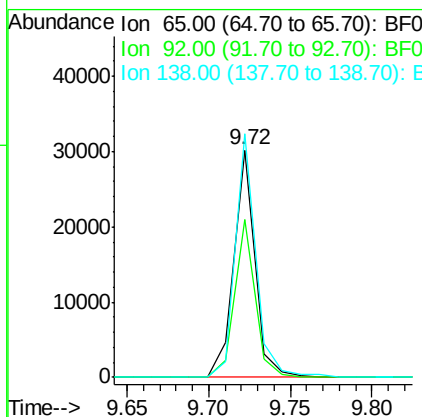
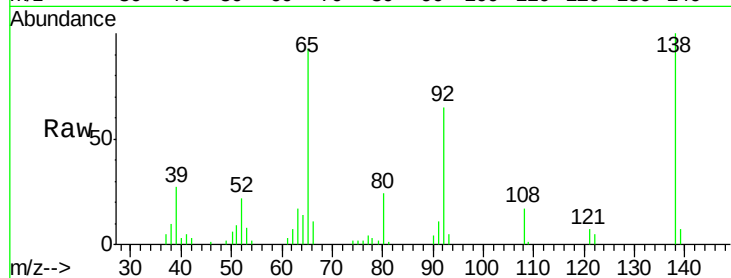




#47
2-Nitroaniline
Concen: 26.25 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

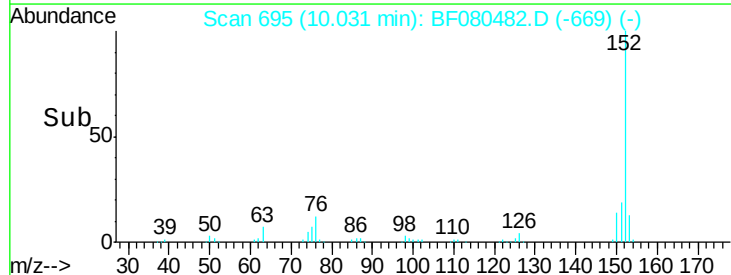
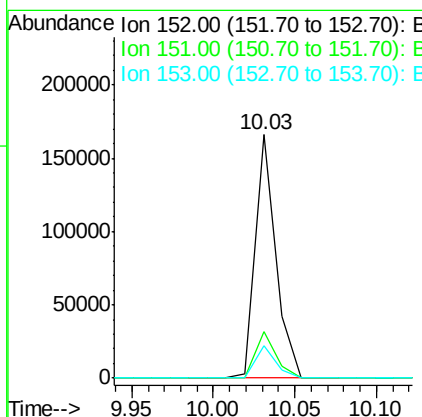
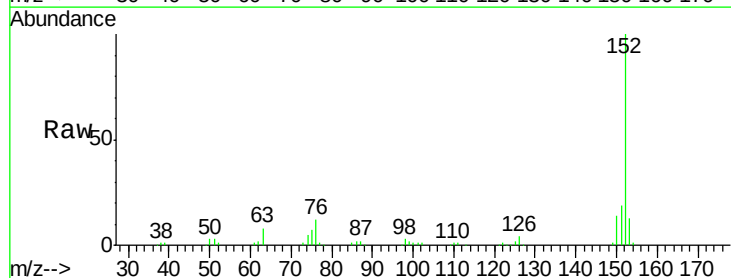
Instrument :
BNA_F
ClientSampleId :
PB84491BS

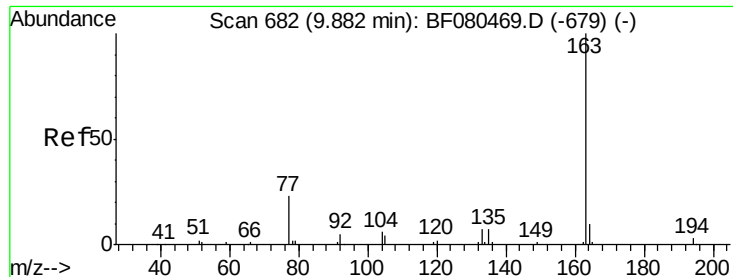
Tgt Ion: 65 Resp: 26717
Ion Ratio Lower Upper
65 100
92 69.5 54.7 82.1
138 107.0 75.3 112.9



#48
Acenaphthylene
Concen: 27.20 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion: 152 Resp: 145161
Ion Ratio Lower Upper
152 100
151 19.3 16.1 24.1
153 13.5 10.5 15.7

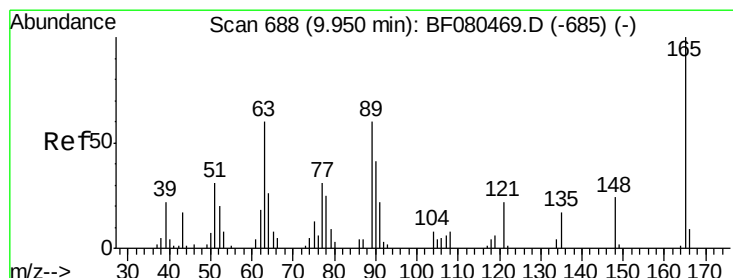
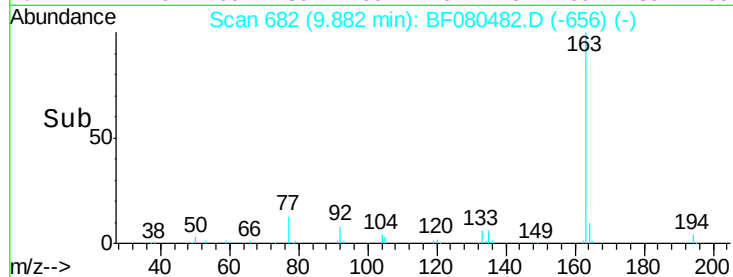
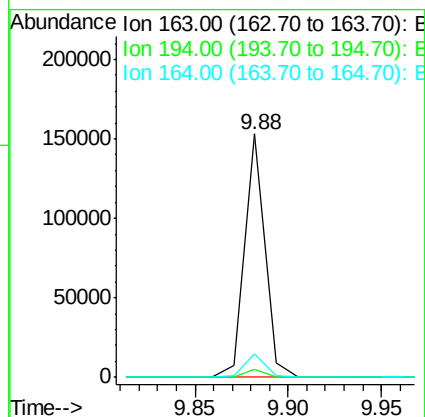
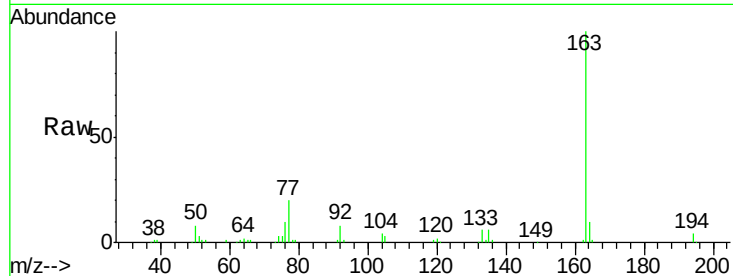




#49
Dimethylphthalate
Concen: 29.56 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

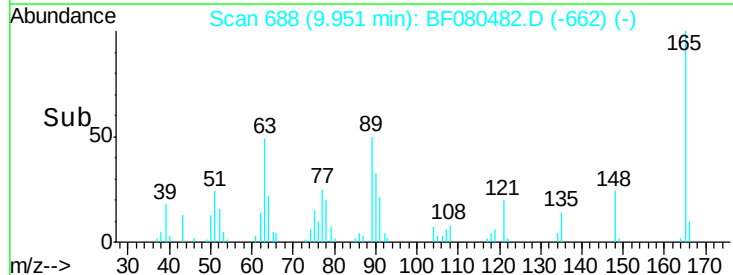
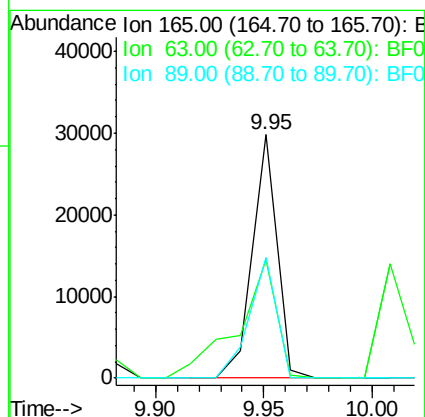
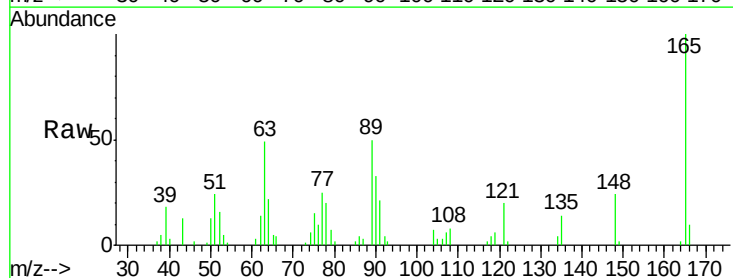
Instrument :
BNA_F
ClientSampleId :
PB84491BS

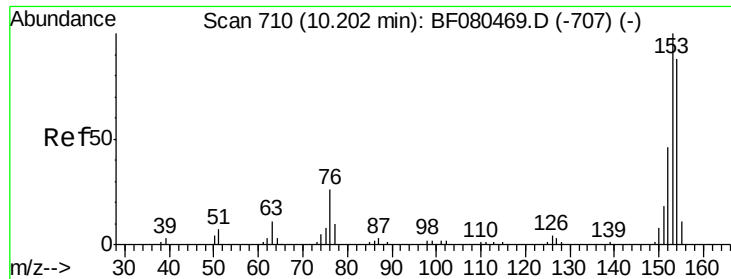
Tgt Ion:163 Resp: 116787
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 9.7 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 27.54 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion:165 Resp: 23418
Ion Ratio Lower Upper
165 100
63 48.8 49.6 74.4#
89 49.6 47.6 71.4





#51

Acenaphthene

Concen: 30.34 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

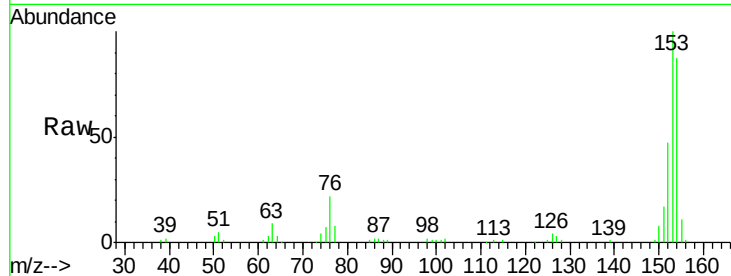
Tgt Ion:154 Resp: 98474

Ion Ratio Lower Upper

154 100

153 115.1 90.6 136.0

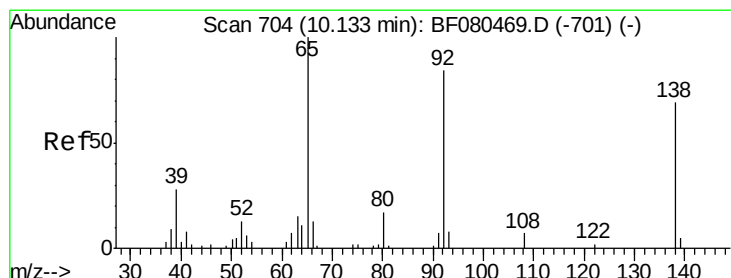
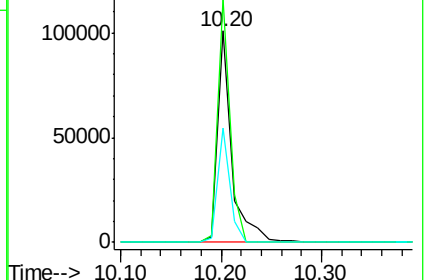
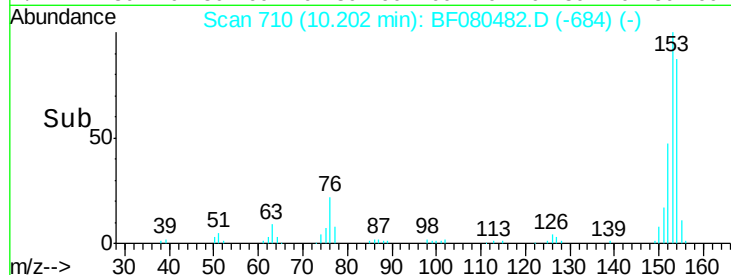
152 54.0 41.7 62.5



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: 21.21 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

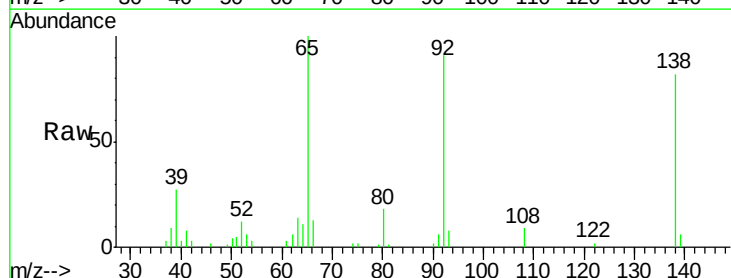
Tgt Ion:138 Resp: 19412

Ion Ratio Lower Upper

138 100

108 11.0 8.6 12.8

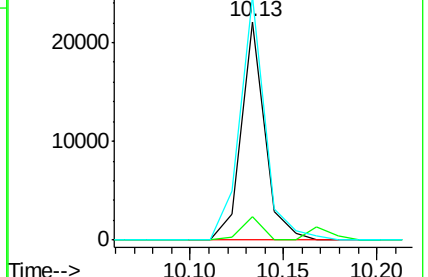
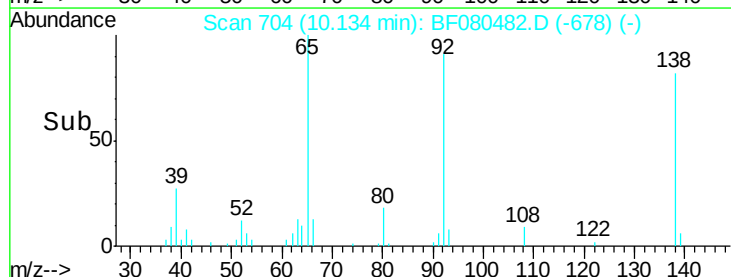
92 111.5 98.4 147.6

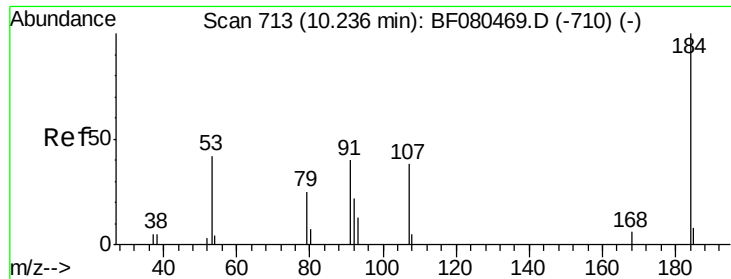


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

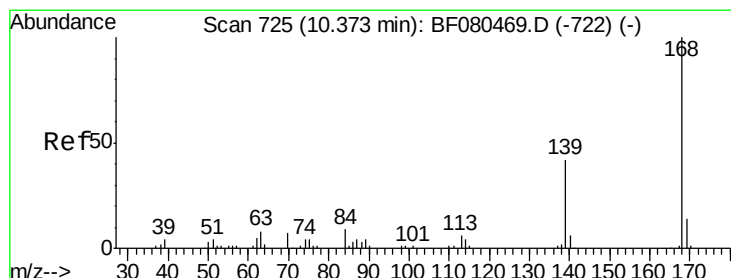
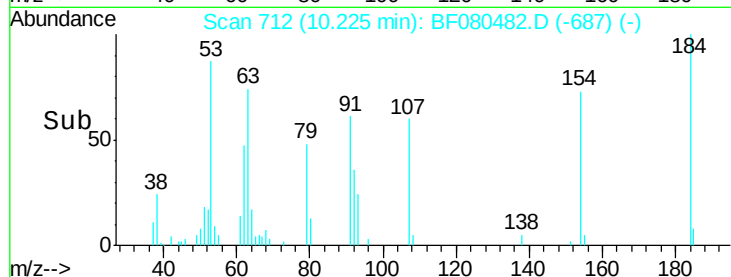
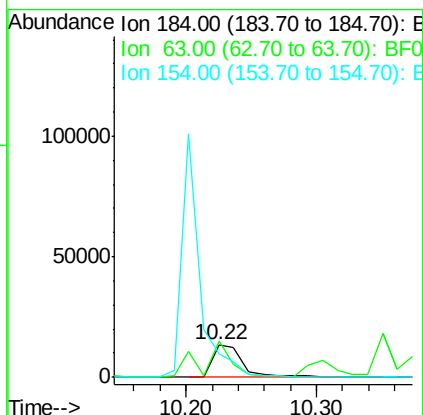
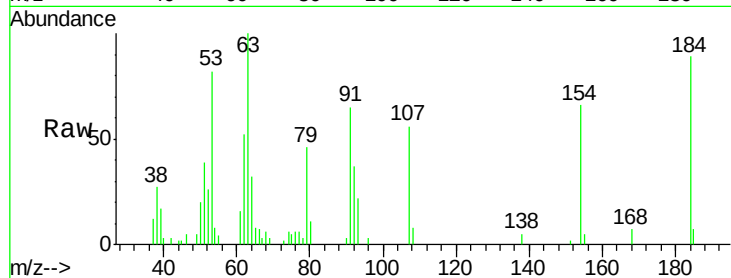




#53
2,4-Dinitrophenol
Concen: 63.08 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

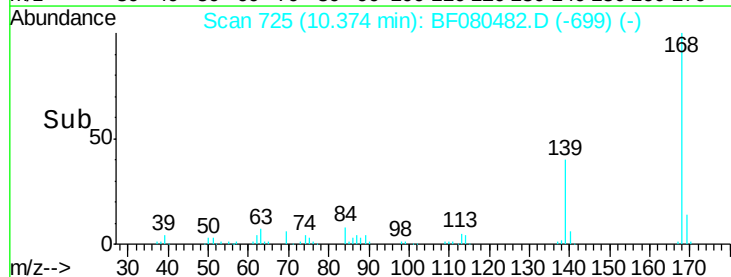
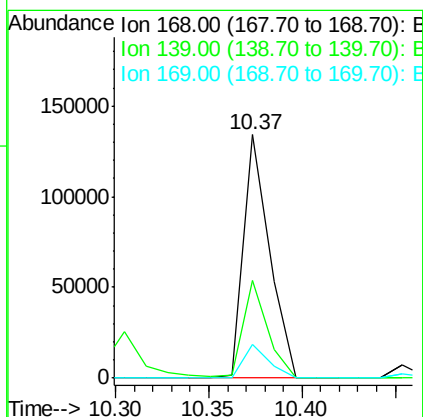
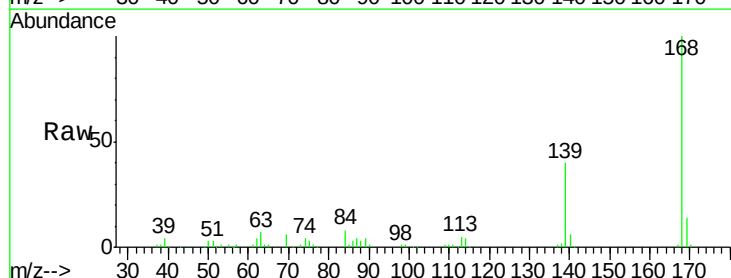
Instrument :
BNA_F
ClientSampleId :
PB84491BS

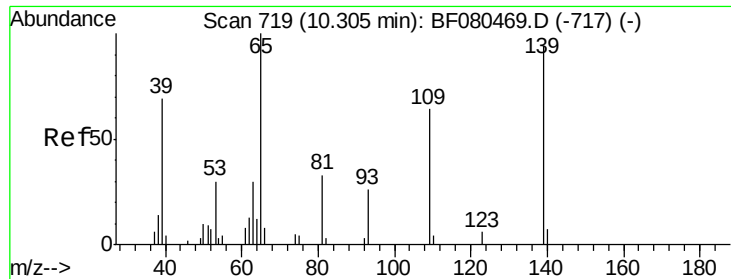
Tgt Ion:184 Resp: 21567
Ion Ratio Lower Upper
184 100
63 111.8 42.5 63.7#
154 73.2 49.4 74.2



#54
Dibenzofuran
Concen: 28.41 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion:168 Resp: 130067
Ion Ratio Lower Upper
168 100
139 40.0 34.2 51.2
169 13.7 11.4 17.2

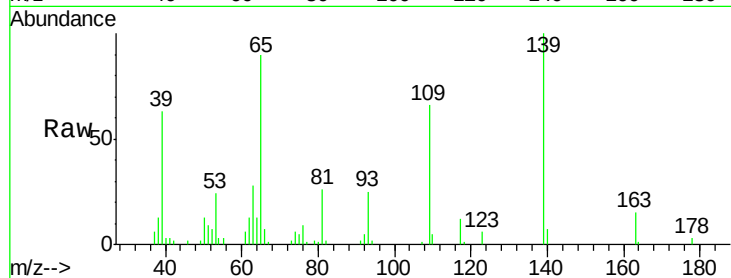




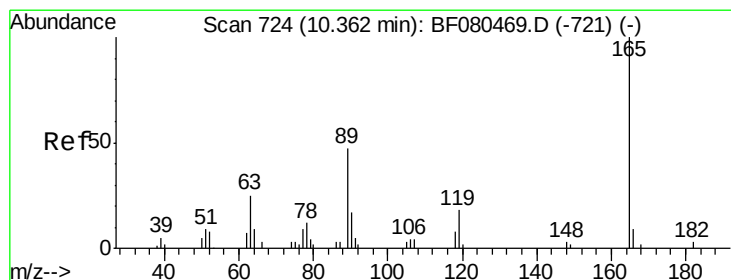
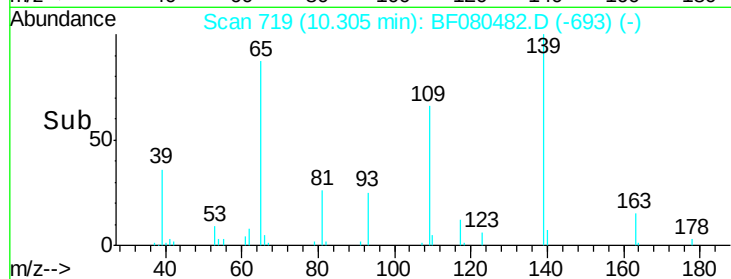
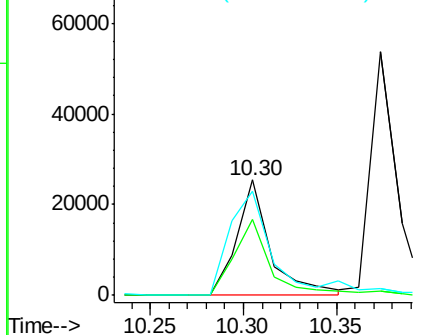
#55
4-Nitrophenol
Concen: 49.46 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion:139 Resp: 32059
Ion Ratio Lower Upper
139 100
109 65.8 48.1 88.1
65 90.2 86.0 126.0

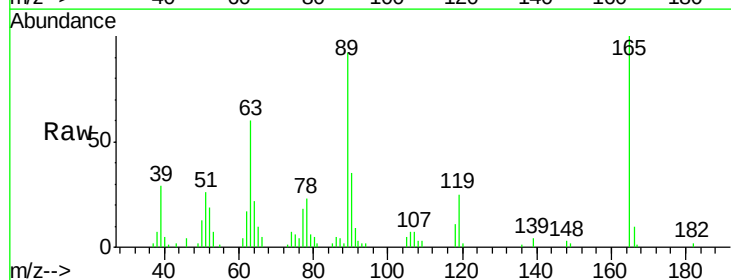


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

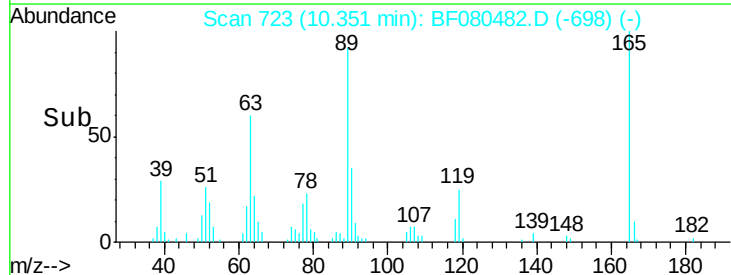
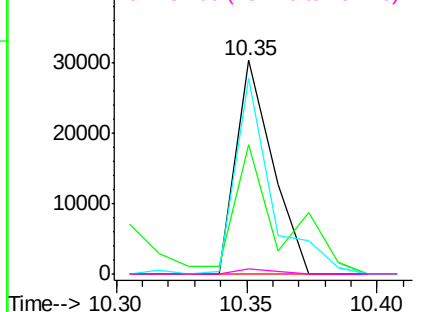


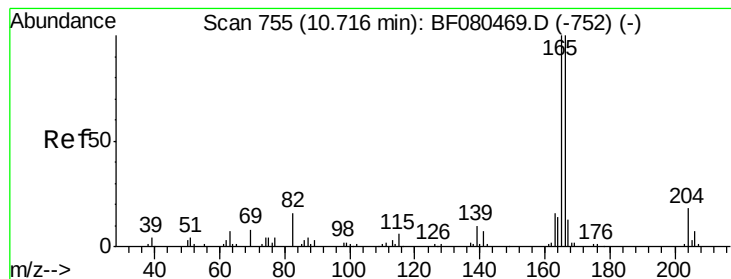
#56
2,4-Dinitrotoluene
Concen: 30.68 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion:165 Resp: 29559
Ion Ratio Lower Upper
165 100
63 60.3 21.7 32.5#
89 92.0 37.4 56.2#
182 2.4 2.2 3.2



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 28.00 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

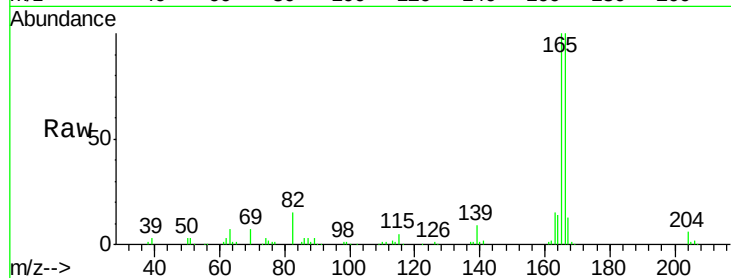
Tgt Ion:166 Resp: 103064

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.8

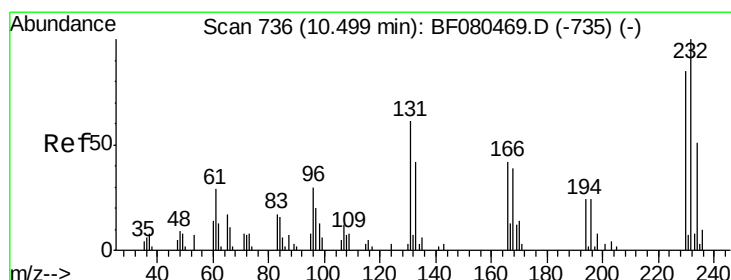
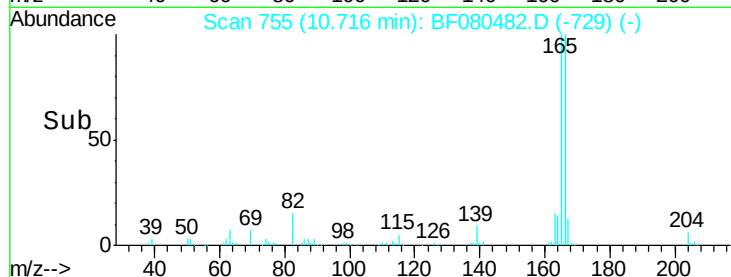
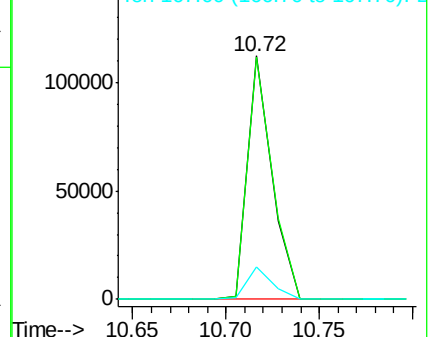
167 13.1 10.5 15.7



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: 31.80 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Tgt Ion:232 Resp: 26720

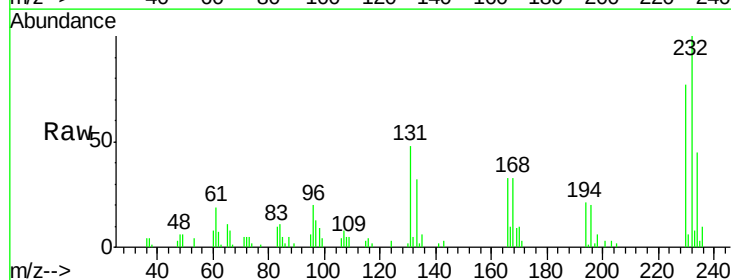
Ion Ratio Lower Upper

232 100

131 45.4 40.0 60.0

130 1.9 1.6 2.4

166 30.8 27.4 41.2

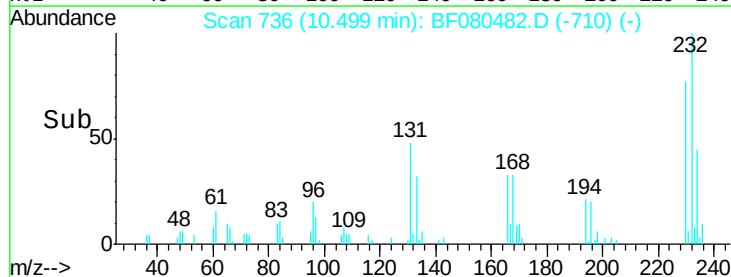
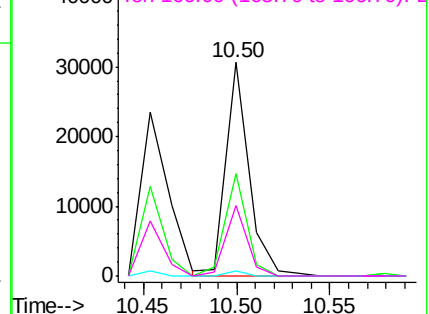


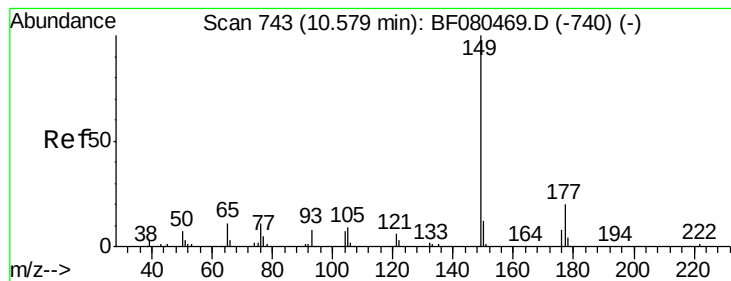
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 29.14 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

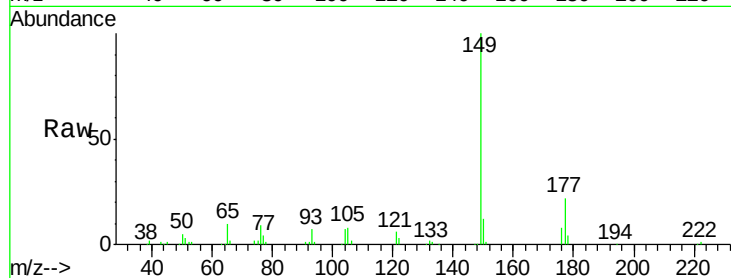
Tgt Ion:149 Resp: 113940

Ion Ratio Lower Upper

149 100

177 21.8 16.2 24.4

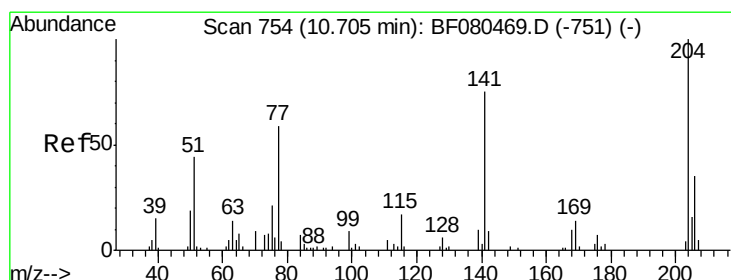
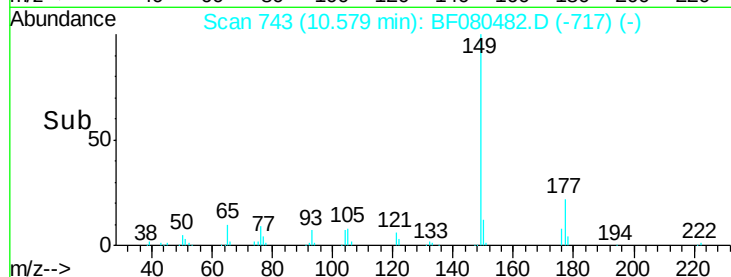
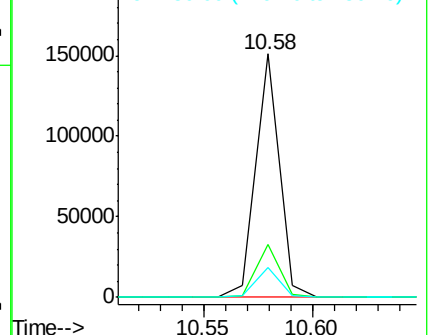
150 12.3 9.9 14.9



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: 29.63 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

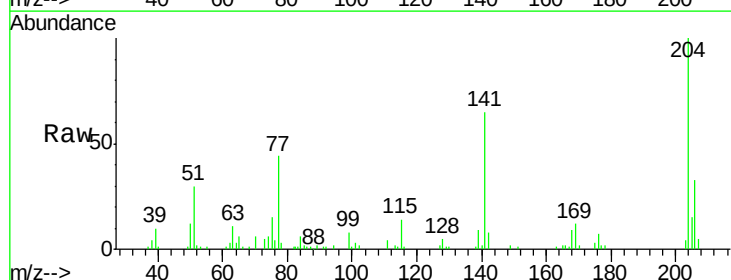
Tgt Ion:204 Resp: 51142

Ion Ratio Lower Upper

204 100

206 33.4 27.7 41.5

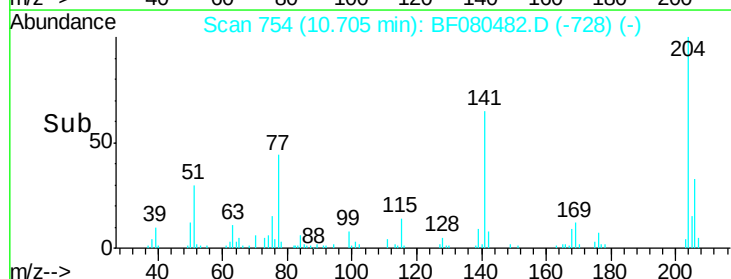
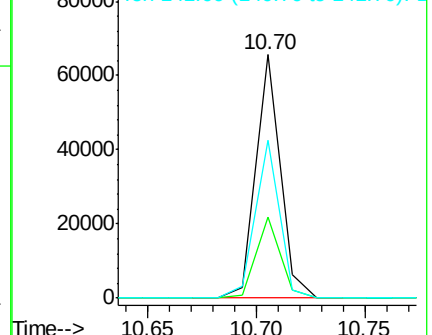
141 64.7 59.6 89.4

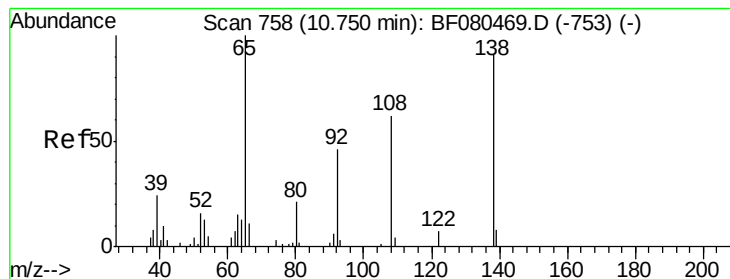


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 26.84 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

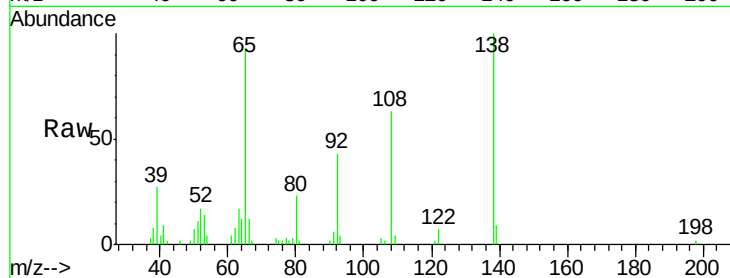
Tgt Ion:138 Resp: 22288

Ion Ratio Lower Upper

138 100

92 42.8 30.5 70.5

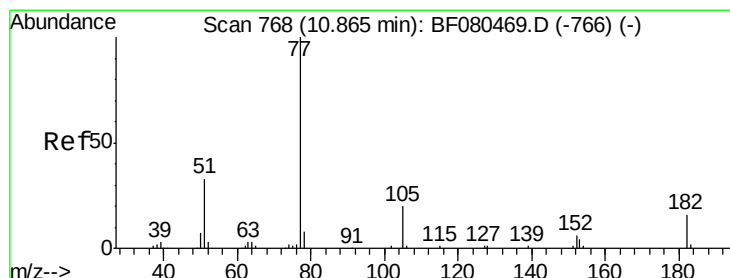
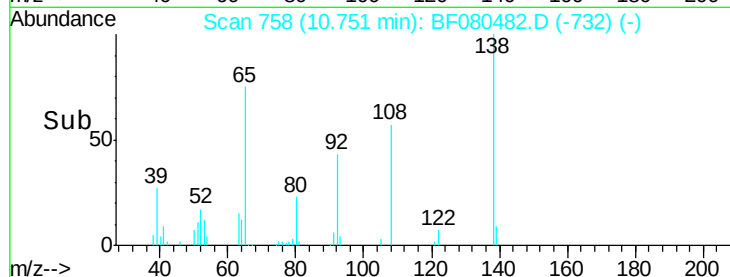
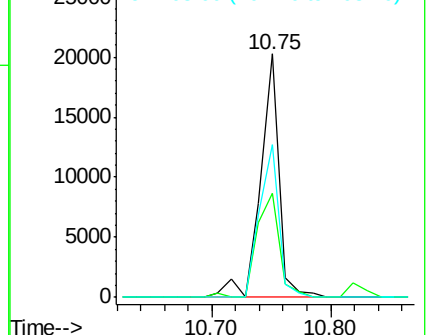
108 62.9 48.1 88.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 30.40 ng

RT: 10.87 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Tgt Ion: 77 Resp: 113596

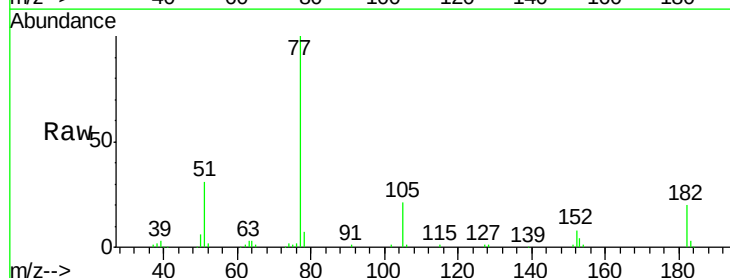
Ion Ratio Lower Upper

77 100

182 20.2 0.0 36.0

105 20.7 0.1 40.1

51 31.0 12.6 52.6

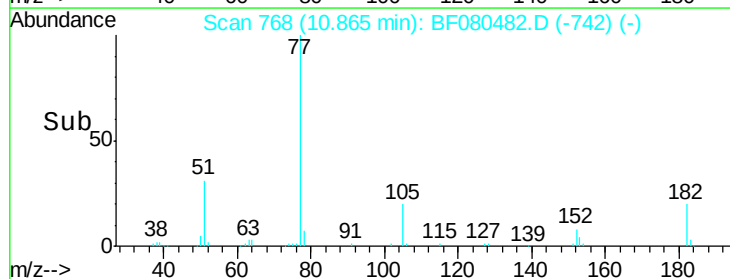
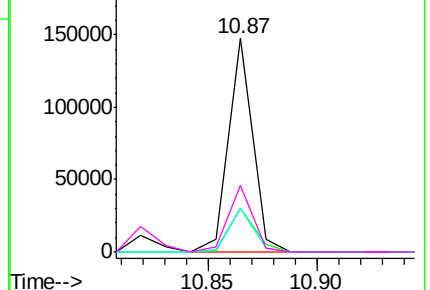


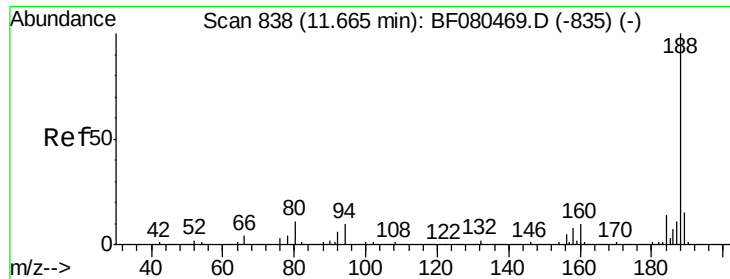
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

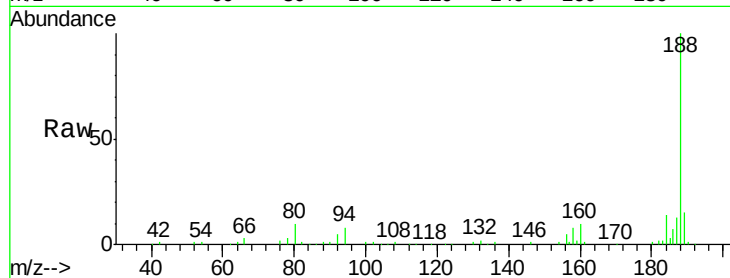




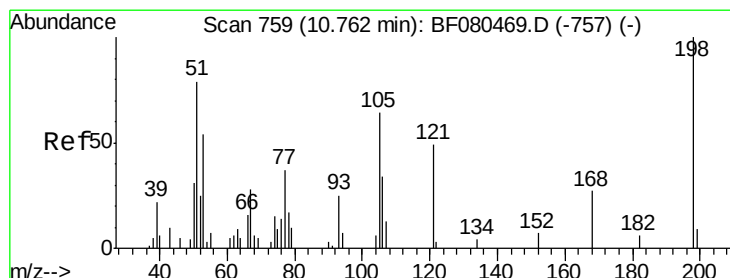
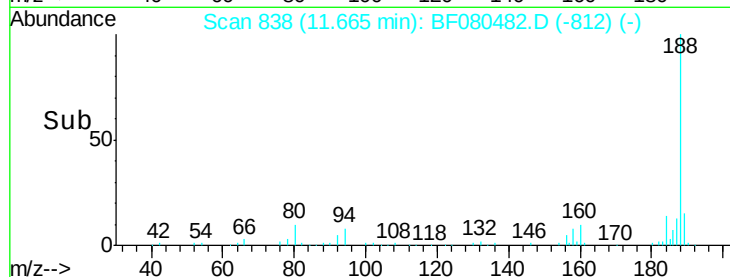
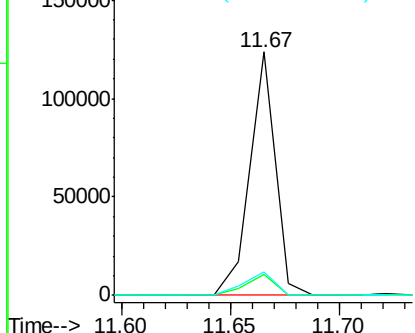
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.67 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion:188 Resp: 100938
Ion Ratio Lower Upper
188 100
94 8.4 7.7 11.5
80 9.8 8.8 13.2

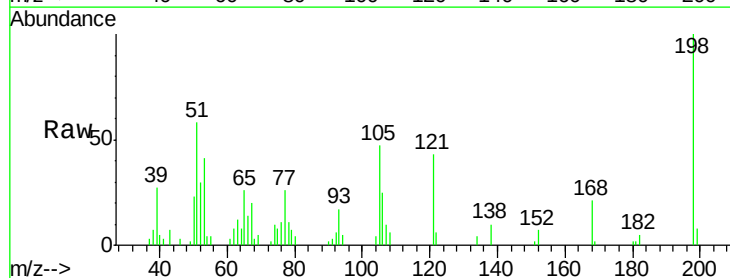


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

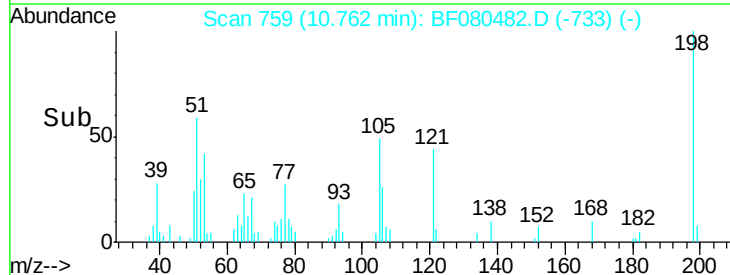
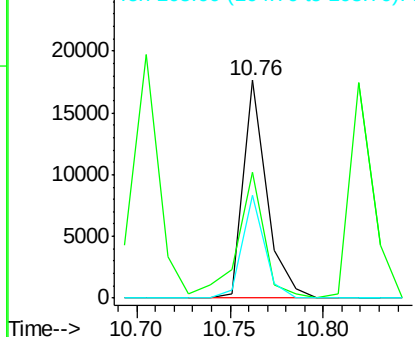


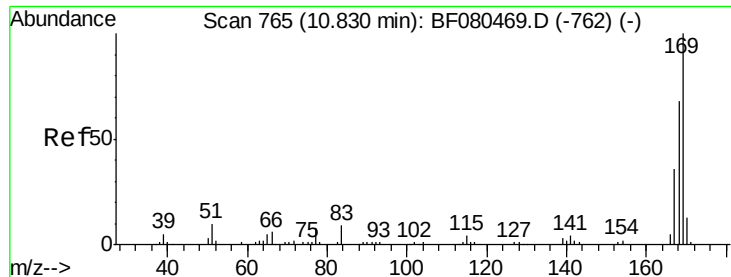
#64
4,6-Dinitro-2-methylphenol
Concen: 32.08 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion:198 Resp: 15529
Ion Ratio Lower Upper
198 100
51 57.6 62.5 102.5#
105 47.2 43.6 83.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

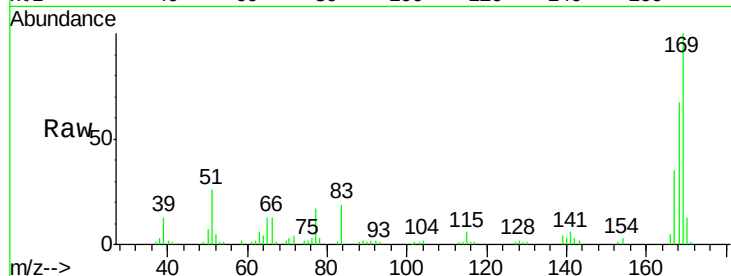




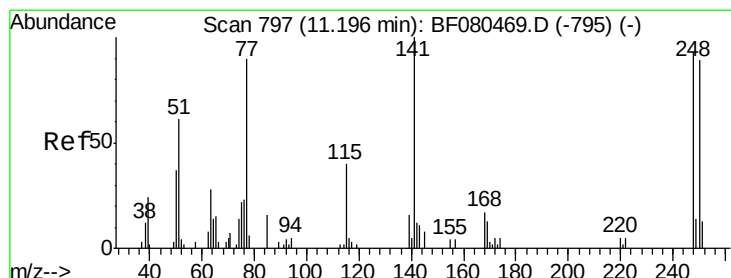
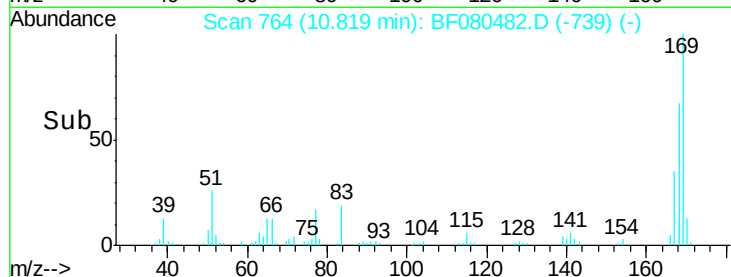
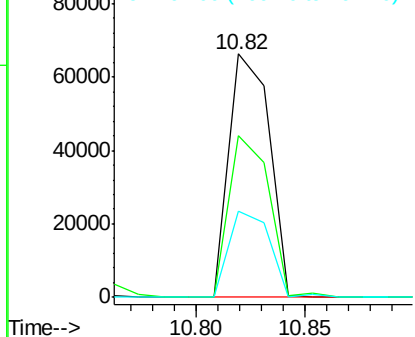
#65
 n-Nitrosodiphenylamine
 Concen: 26.05 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:169 Resp: 85403
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.1 81.1
 167 35.5 29.0 43.6

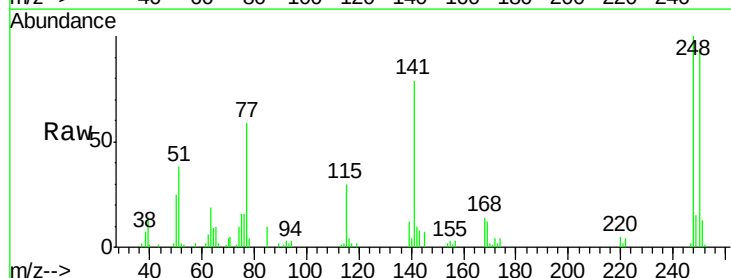


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

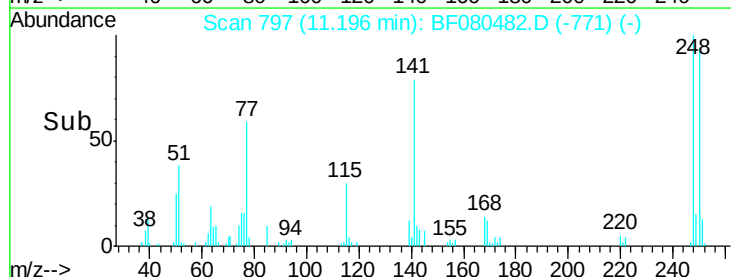
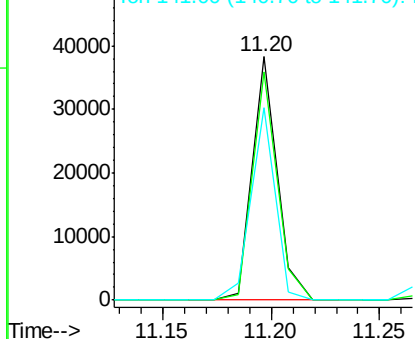


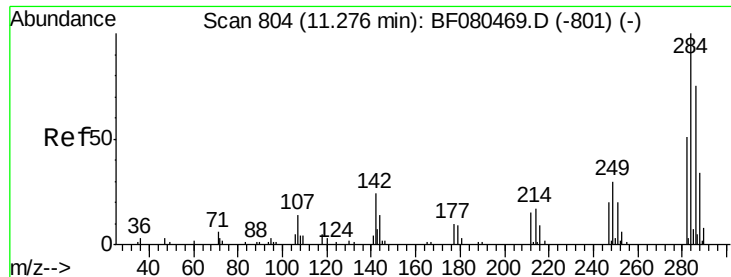
#66
 4-Bromophenyl-phenylether
 Concen: 30.27 ng
 RT: 11.20 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion:248 Resp: 30468
 Ion Ratio Lower Upper
 248 100
 250 93.7 76.8 115.2
 141 78.9 86.3 129.5#



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





#67

Hexachlorobenzene

Concen: 26.77 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

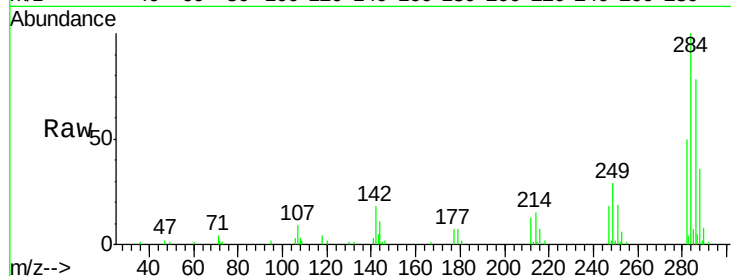
Tgt Ion:284 Resp: 29323

Ion Ratio Lower Upper

284 100

142 18.3 19.1 28.7#

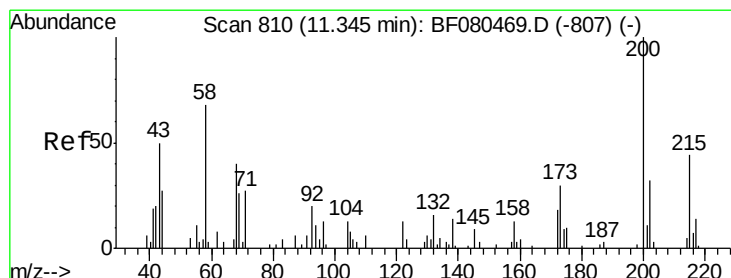
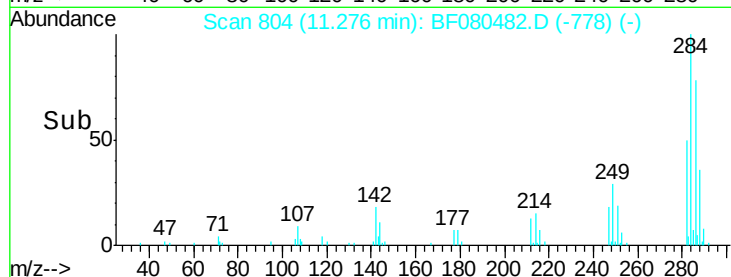
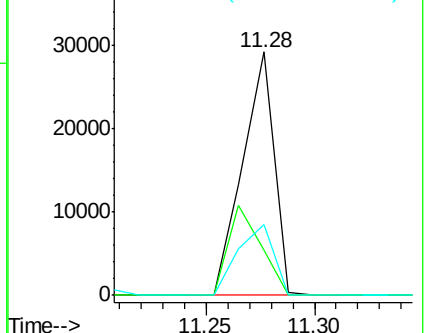
249 29.0 23.9 35.9



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: 31.27 ng

RT: 11.35 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

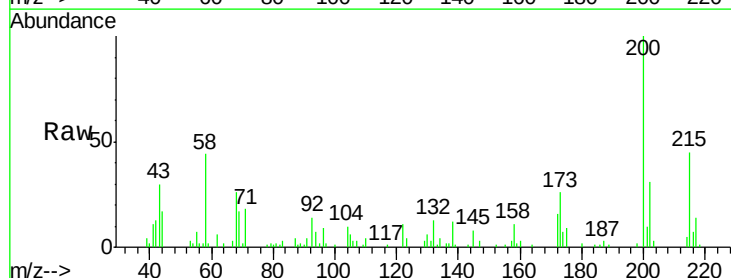
Tgt Ion:200 Resp: 29866

Ion Ratio Lower Upper

200 100

173 26.1 9.7 49.7

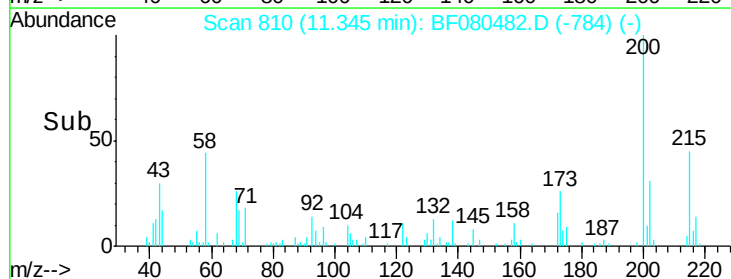
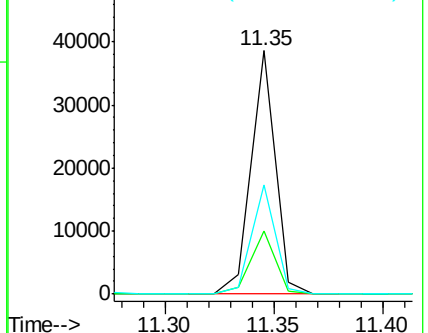
215 44.6 23.7 63.7

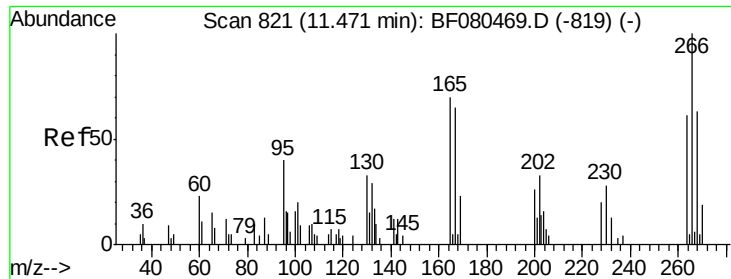


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

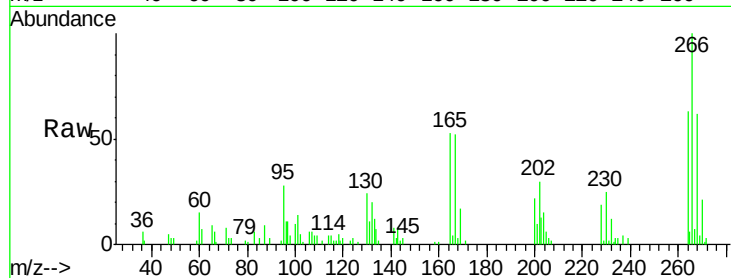




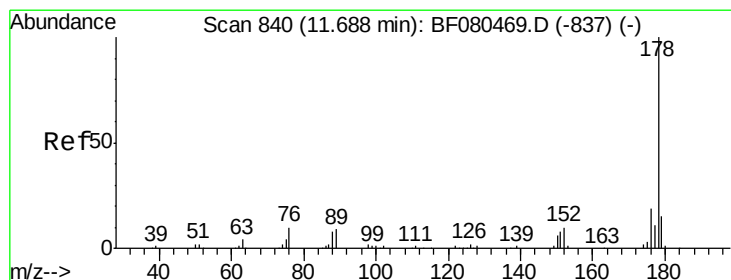
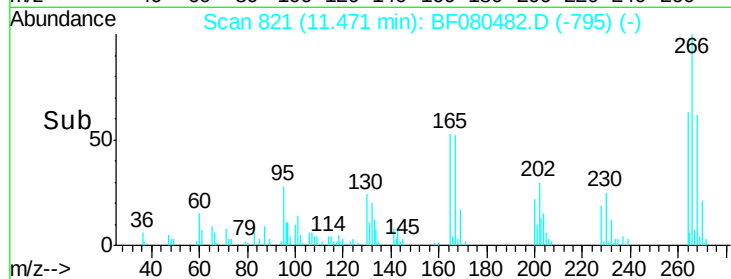
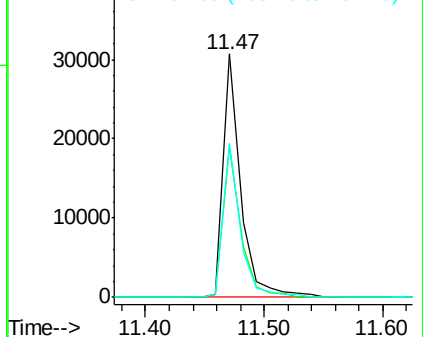
#69
 Pentachlorophenol
 Concen: 61.72 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:266 Resp: 31143
 Ion Ratio Lower Upper
 266 100
 268 61.7 50.3 75.5
 264 63.2 48.6 72.8

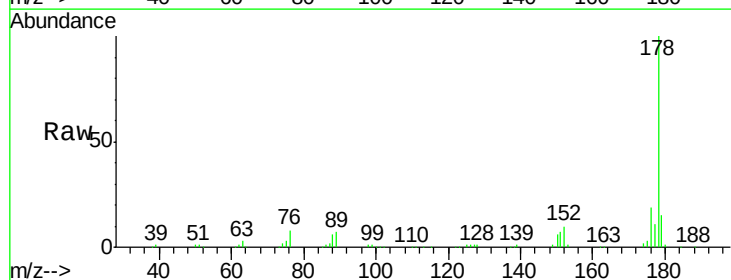


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

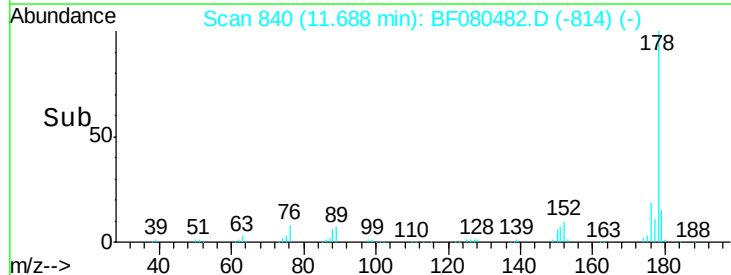
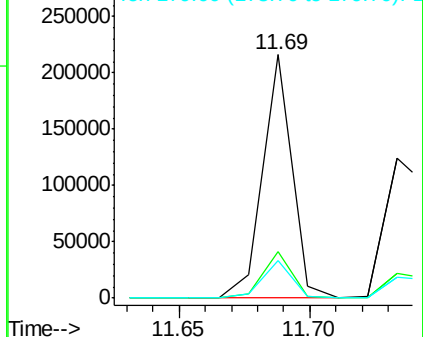


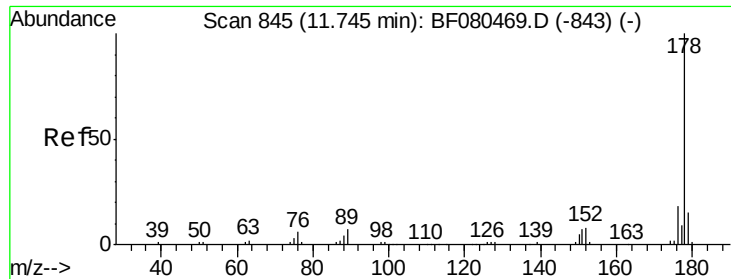
#70
 Phenanthrene
 Concen: 29.11 ng
 RT: 11.69 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion:178 Resp: 170766
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 15.4 11.8 17.6



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

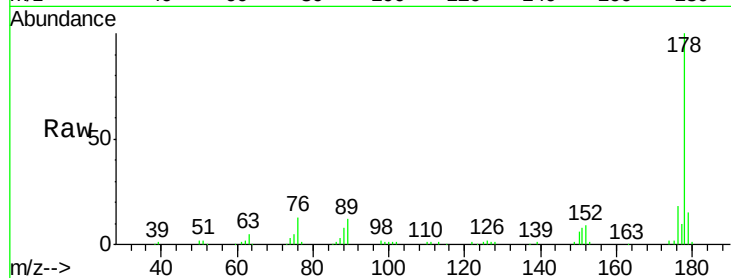




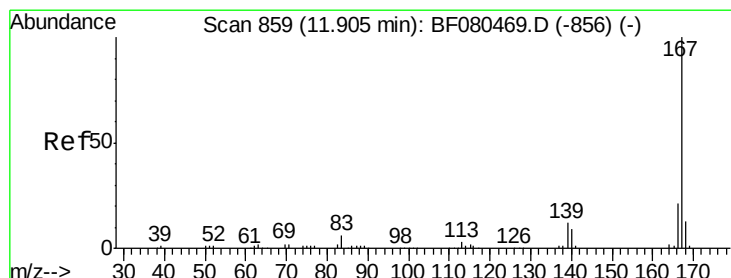
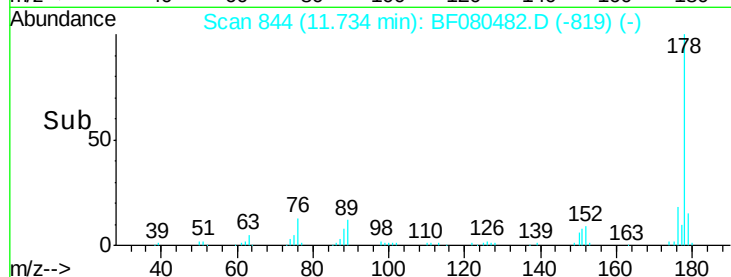
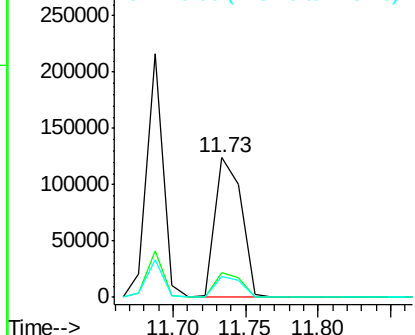
#71
 Anthracene
 Concen: 28.59 ng
 RT: 11.73 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:178 Resp: 157680
 Ion Ratio Lower Upper
 178 100
 176 17.6 14.2 21.4
 179 15.0 11.8 17.6

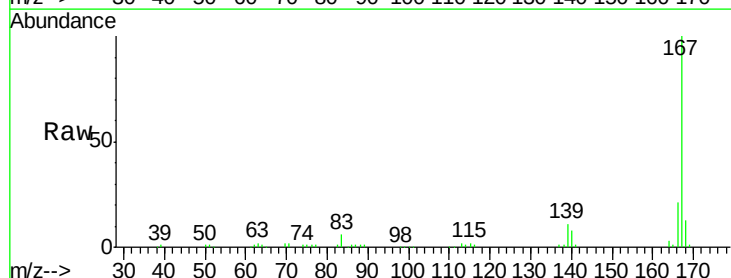


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

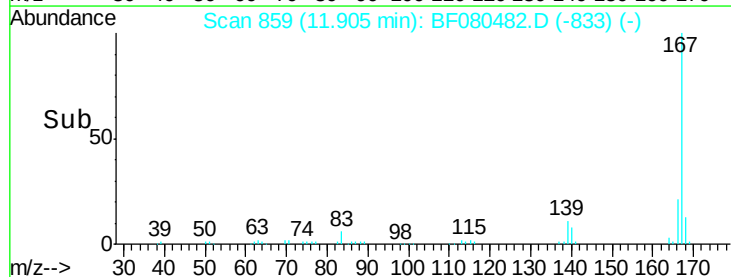
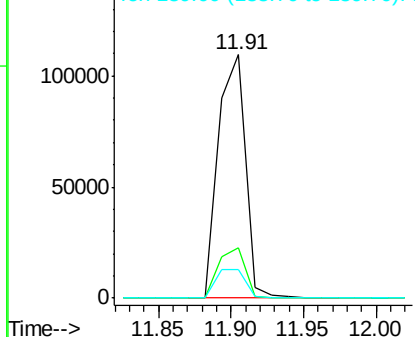


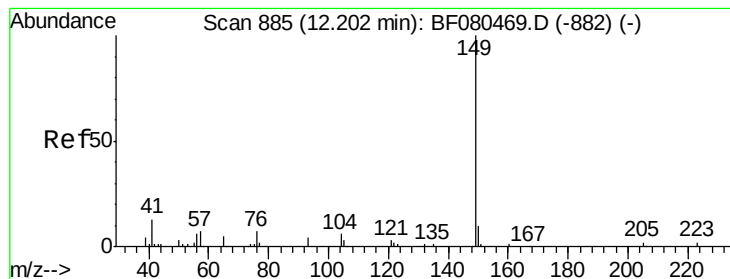
#72
 Carbazole
 Concen: 28.35 ng
 RT: 11.91 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion:167 Resp: 141648
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.0 25.4
 139 11.5 9.4 14.0



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





#73

Di-n-butylphthalate

Concen: 29.71 ng

RT: 12.21 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

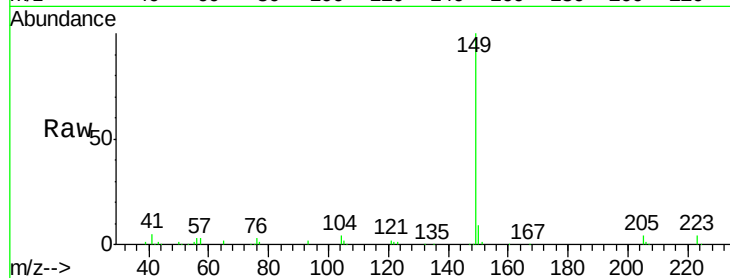
Tgt Ion:149 Resp: 157509

Ion Ratio Lower Upper

149 100

150 8.8 7.7 11.5

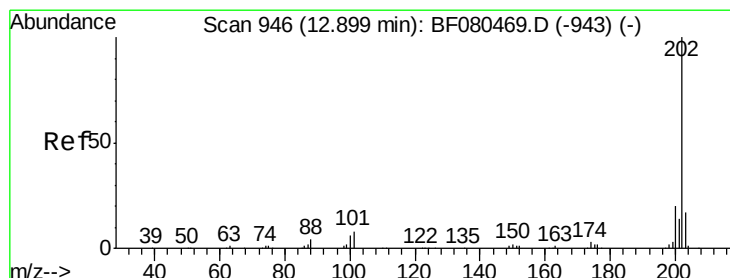
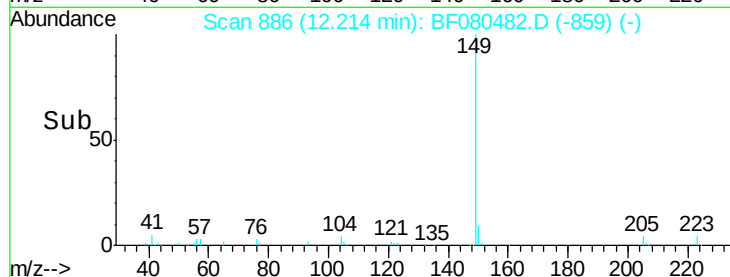
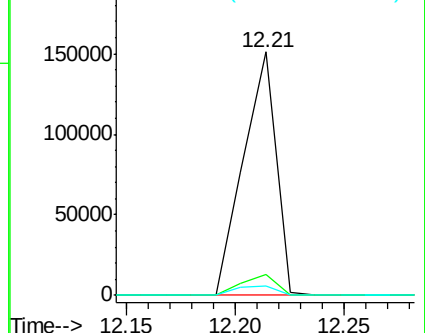
104 4.1 5.0 7.4#



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: 30.76 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

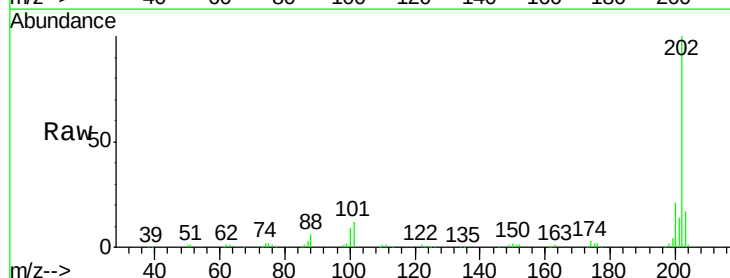
Tgt Ion:202 Resp: 177928

Ion Ratio Lower Upper

202 100

101 12.1 0.0 27.9

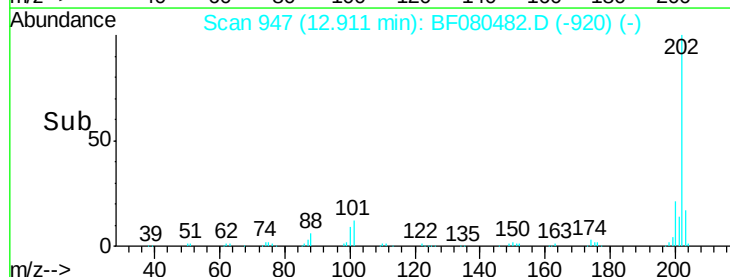
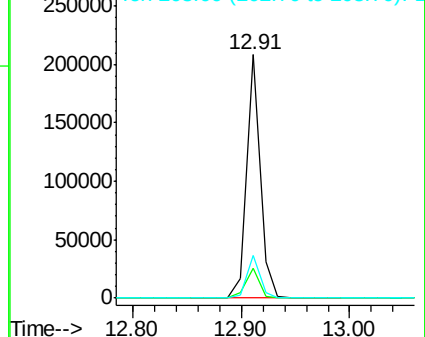
203 17.4 0.0 37.2

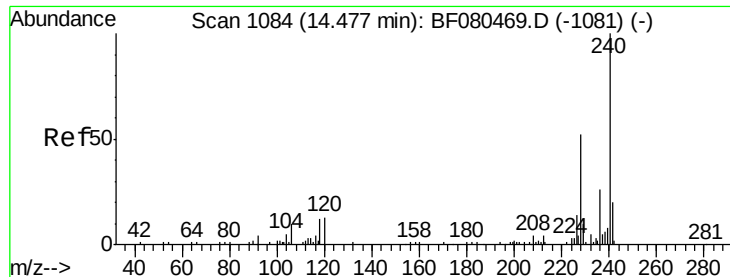


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.52 min Scan# 1088

Delta R.T. 0.05 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

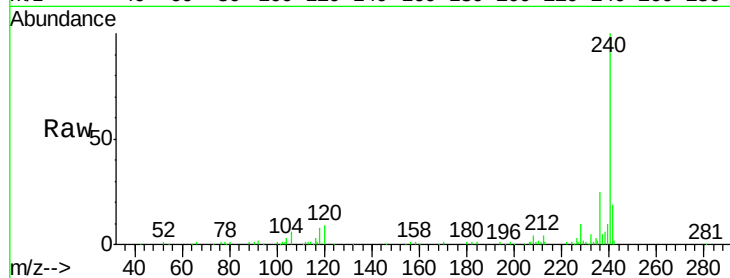
Tgt Ion:240 Resp: 117641

Ion Ratio Lower Upper

240 100

120 8.8 10.2 15.4#

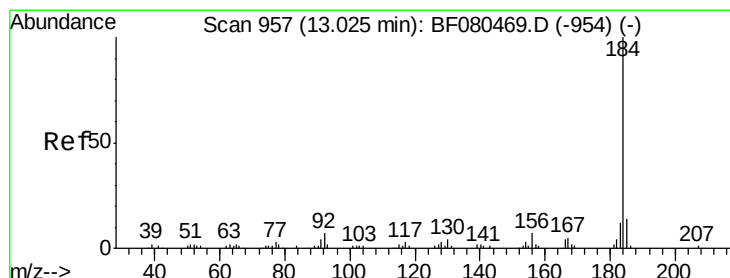
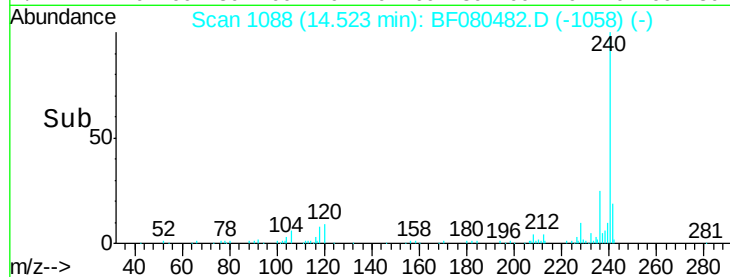
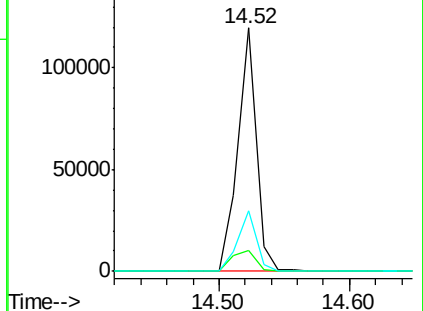
236 25.1 20.6 30.8



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: 28.95 ng

RT: 13.05 min Scan# 959

Delta R.T. 0.02 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

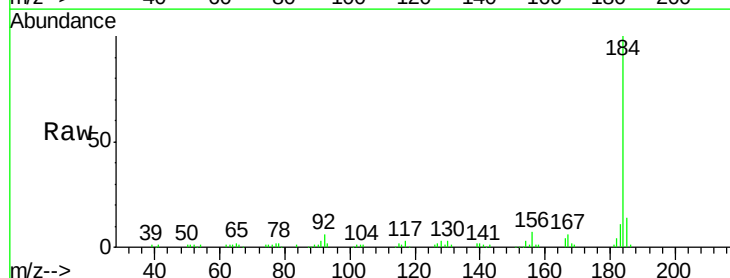
Tgt Ion:184 Resp: 100919

Ion Ratio Lower Upper

184 100

185 13.8 11.2 16.8

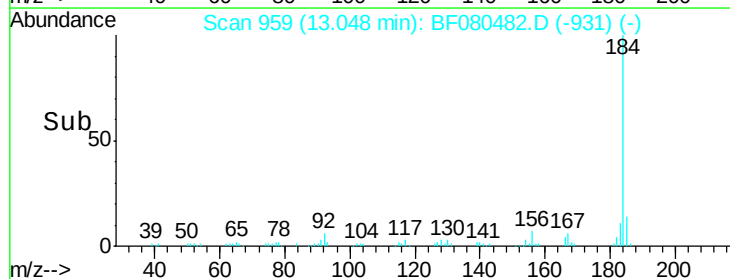
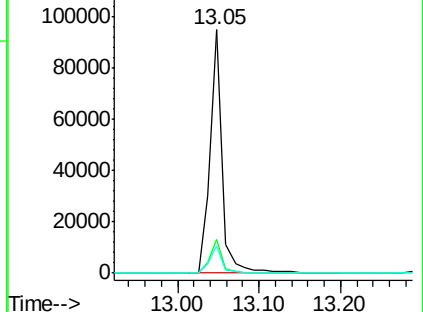
183 11.0 9.3 13.9

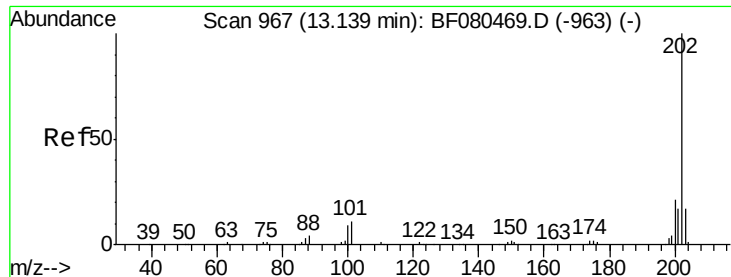


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

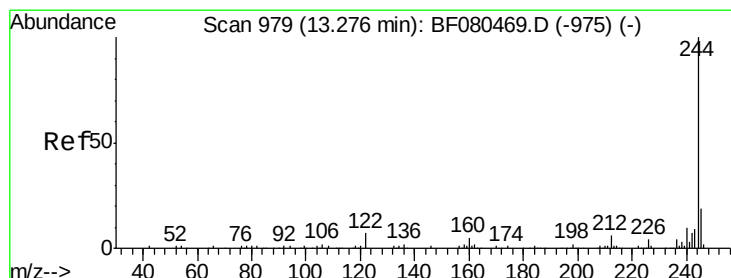
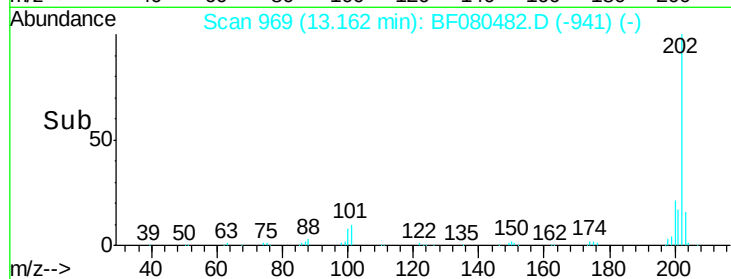
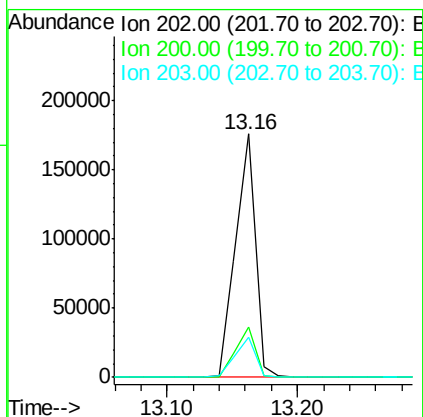
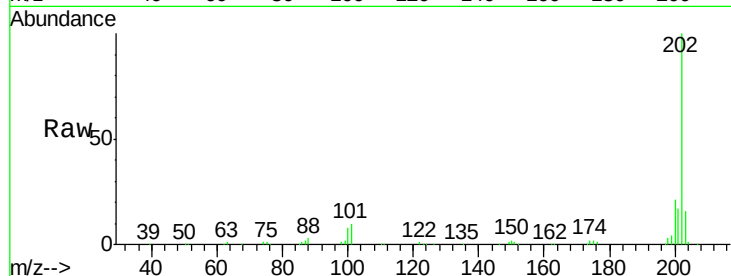




#77
 Pyrene
 Concen: 26.78 ng
 RT: 13.16 min Scan# 969
 Delta R.T. 0.02 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

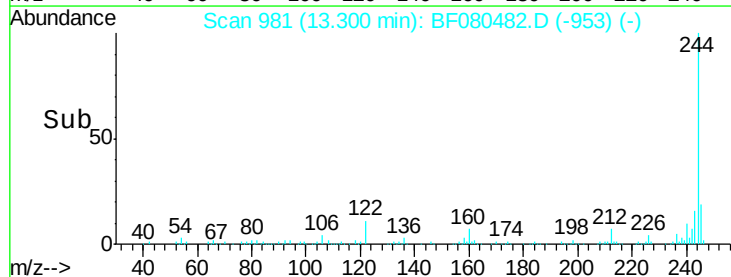
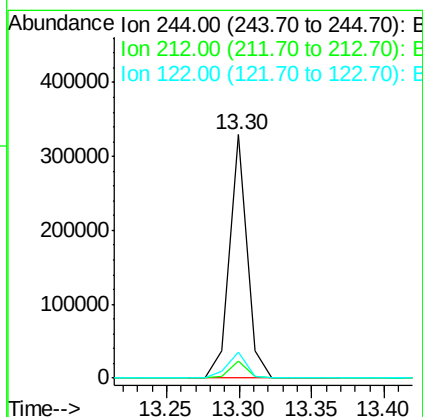
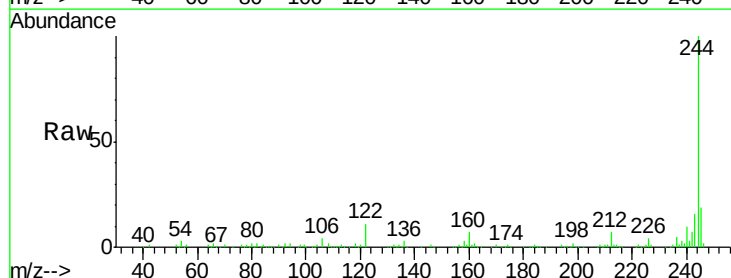
Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

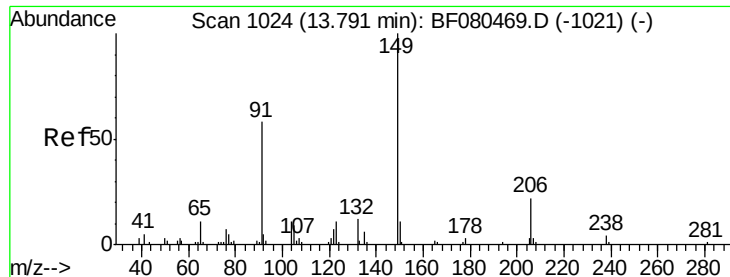
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	16.4	13.8	20.6



#78
 Terphenyl-d14
 Concen: 57.04 ng
 RT: 13.30 min Scan# 981
 Delta R.T. 0.02 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	10.8	5.2	7.8#

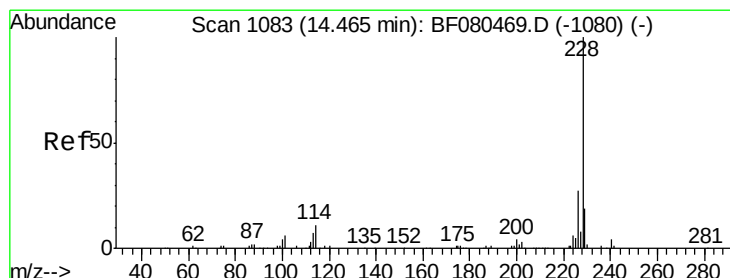
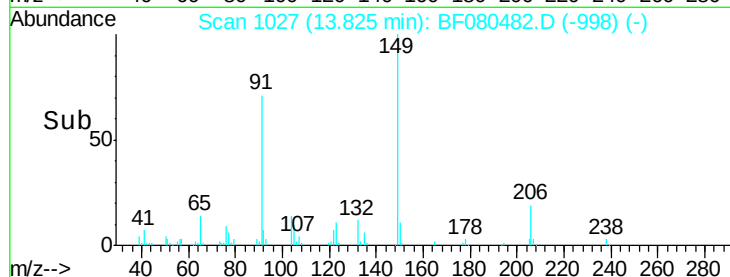
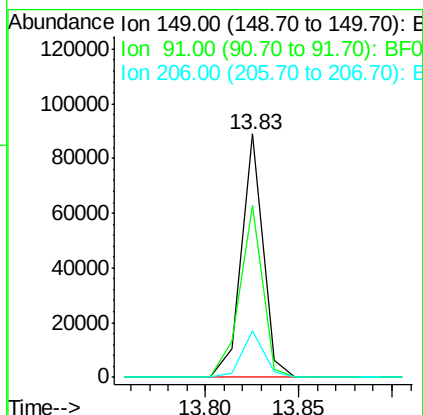
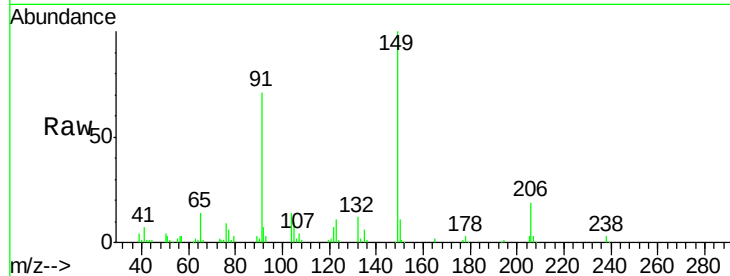




#79
Butylbenzylphthalate
Concen: 28.76 ng
RT: 13.83 min Scan# 1027
Delta R.T. 0.03 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

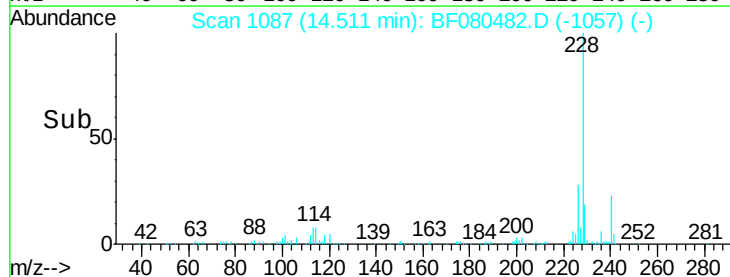
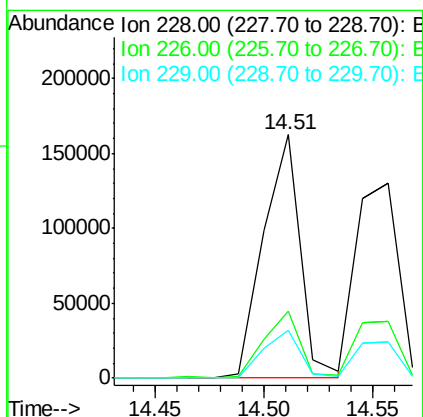
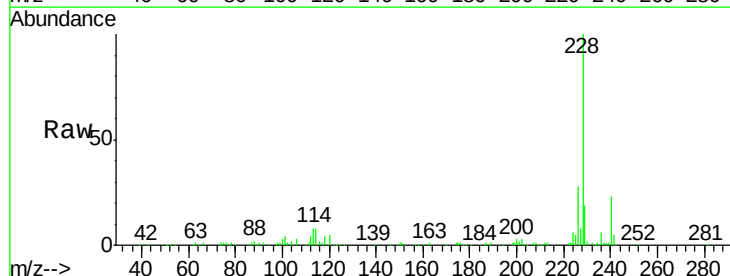
Instrument :
BNA_F
ClientSampleId :
PB84491BS

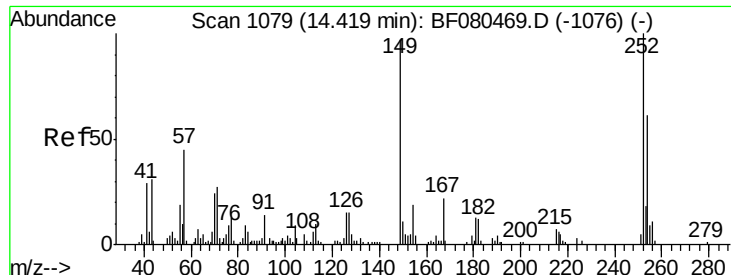
Tgt Ion:149 Resp: 72752
Ion Ratio Lower Upper
149 100
91 70.7 46.6 69.8#
206 19.1 17.5 26.3



#80
Benzo(a)anthracene
Concen: 28.14 ng
RT: 14.51 min Scan# 1087
Delta R.T. 0.05 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion:228 Resp: 192927
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.4 15.3 22.9

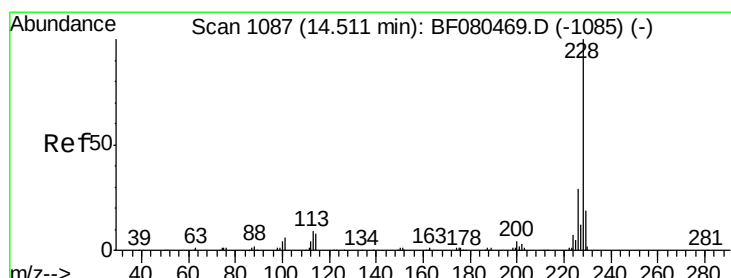
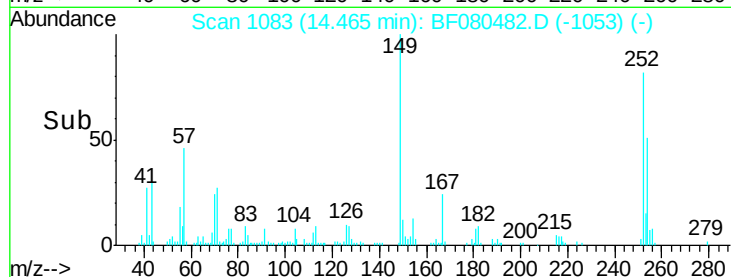
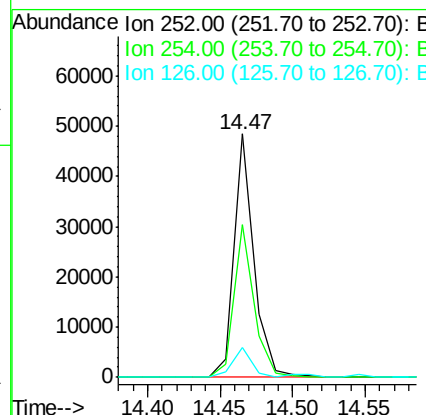
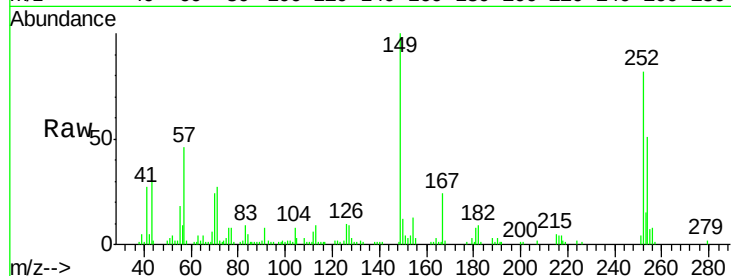




#81
 3,3'-Dichlorobenzidine
 Concen: 21.21 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. 0.05 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

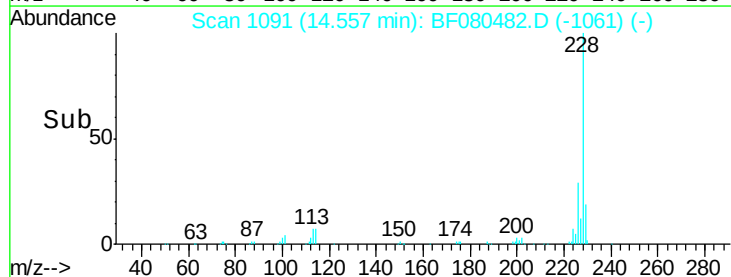
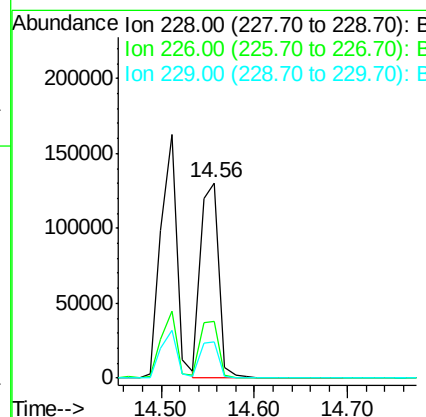
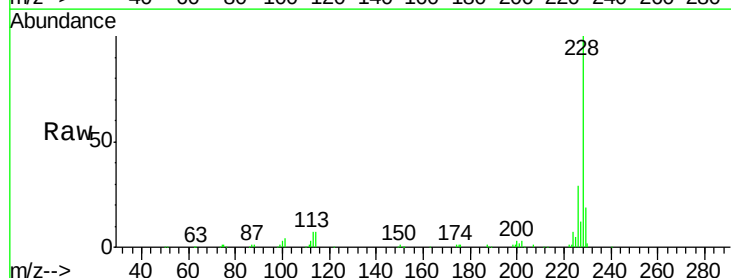
Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

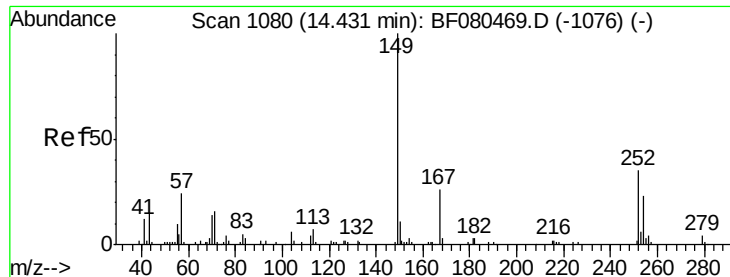
Tgt Ion: 252 Resp: 45956
 Ion Ratio Lower Upper
 252 100
 254 62.6 48.9 73.3
 126 12.3 11.7 17.5



#82
 Chrysene
 Concen: 27.54 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. 0.05 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion: 228 Resp: 180481
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.1 34.7
 229 18.7 15.3 22.9

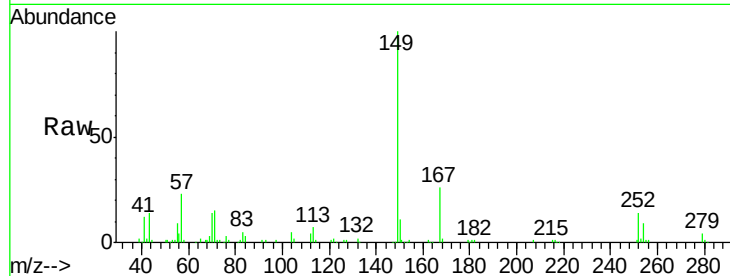




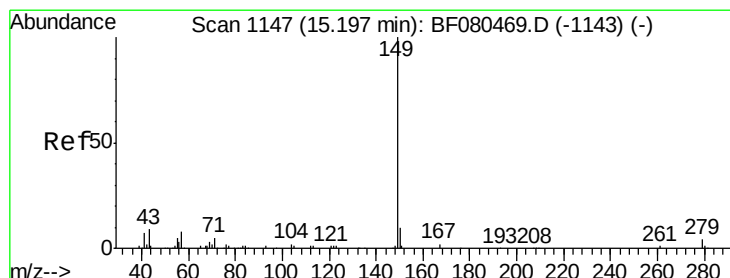
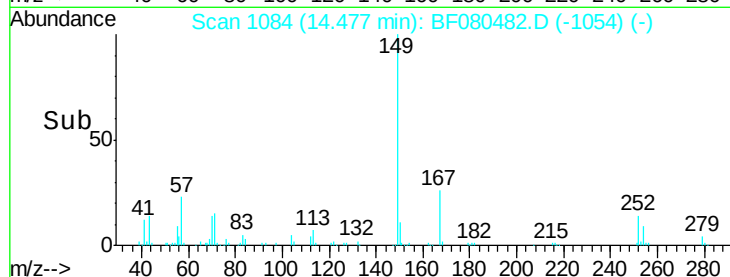
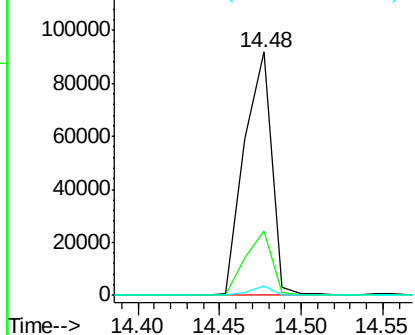
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.21 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. 0.05 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:149 Resp: 107354
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.1 31.7
 279 3.9 3.3 4.9

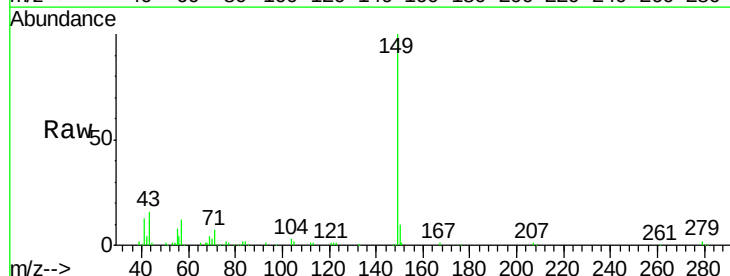


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

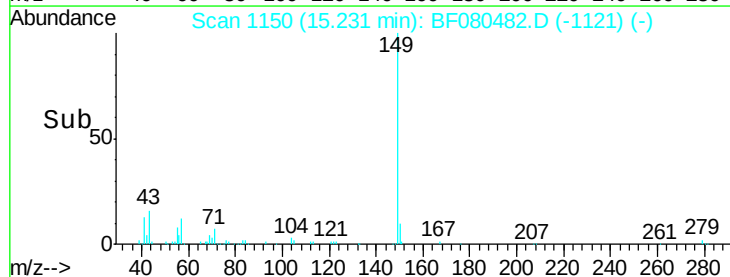
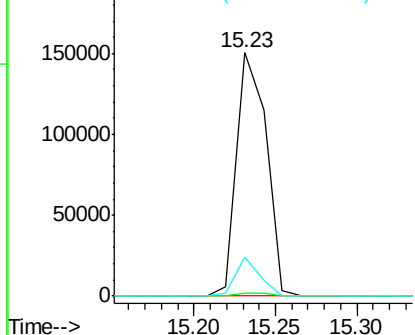


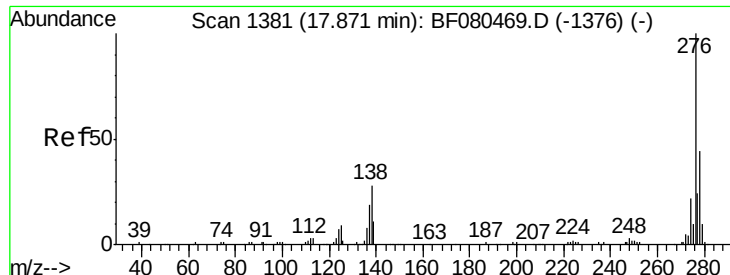
#84
 Di-n-octyl phthalate
 Concen: 28.58 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. 0.03 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion:149 Resp: 188658
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 12.9 9.9 14.9



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

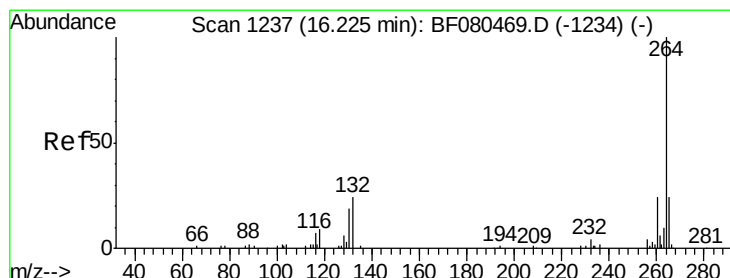
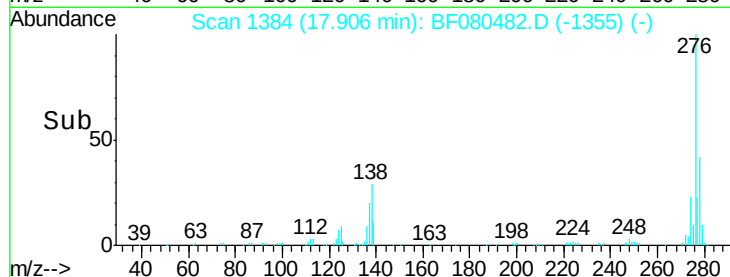
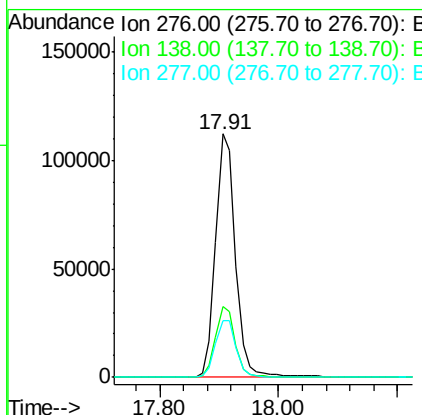
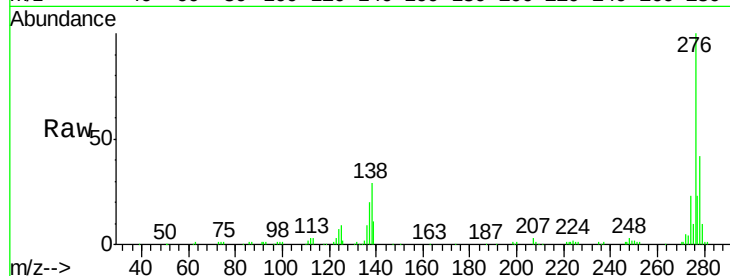




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.09 ng
 RT: 17.91 min Scan# 1384
 Delta R.T. 0.03 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

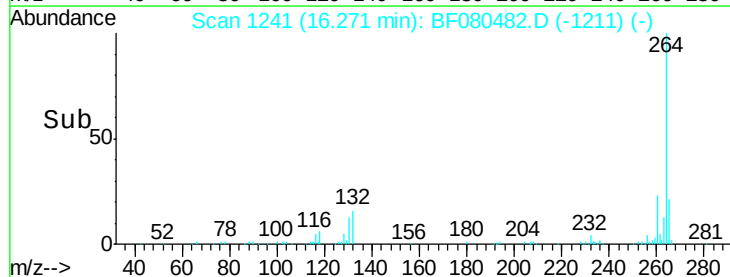
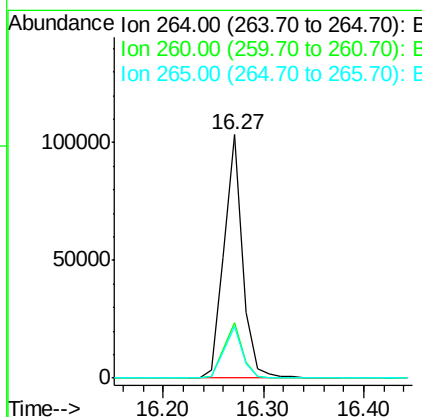
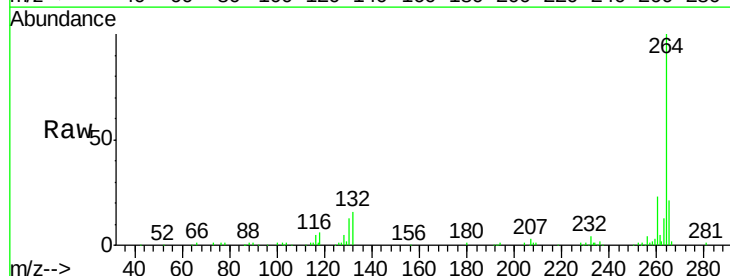
Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

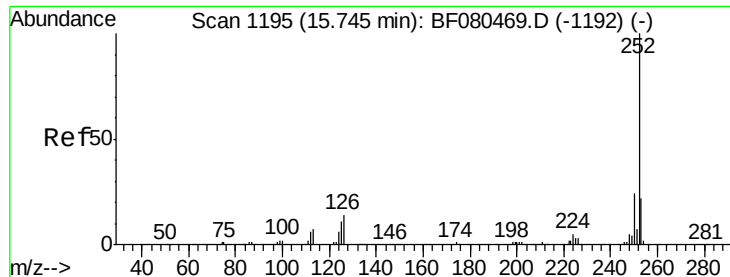
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.0	34.6
277	24.5	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 1241
 Delta R.T. 0.05 min
 Lab File: BF080482.D
 Acq: 15 Jul 2015 9:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	21.1	18.9	28.3

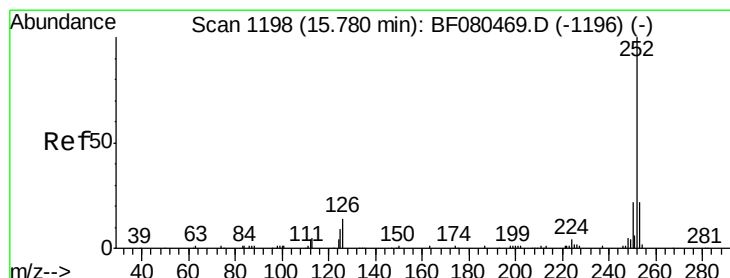
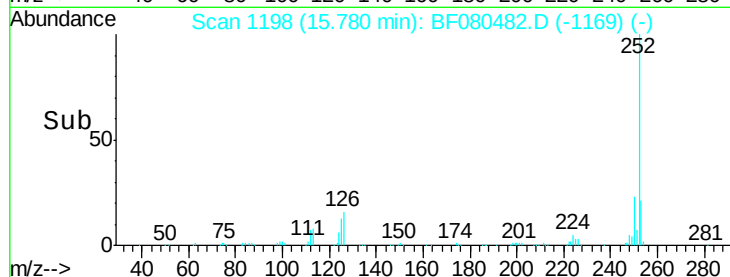
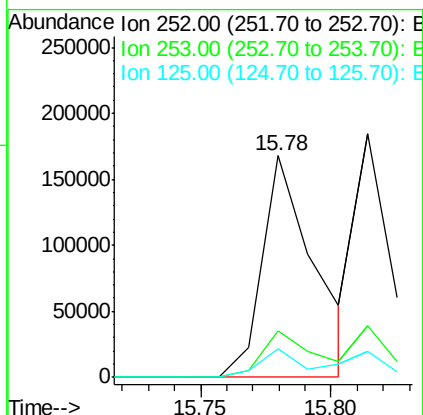
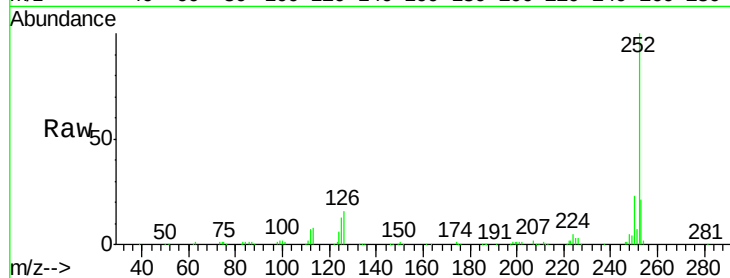




#87
Benzo(b)fluoranthene
Concen: 30.46 ng
RT: 15.78 min Scan# 1198
Delta R.T. 0.03 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

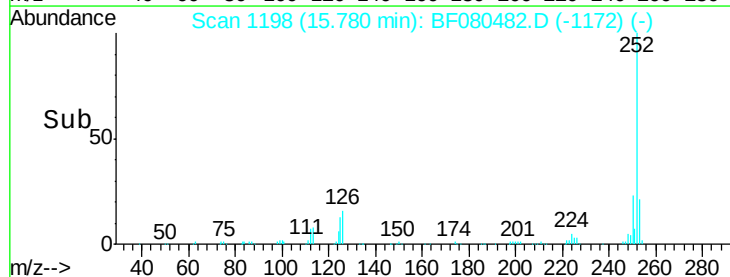
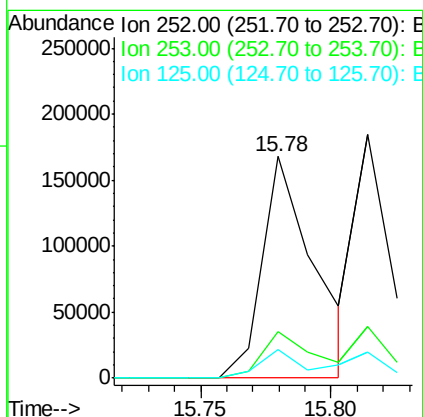
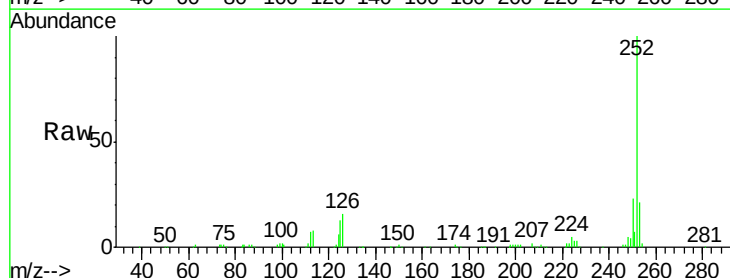
Instrument :
BNA_F
ClientSampleId :
PB84491BS

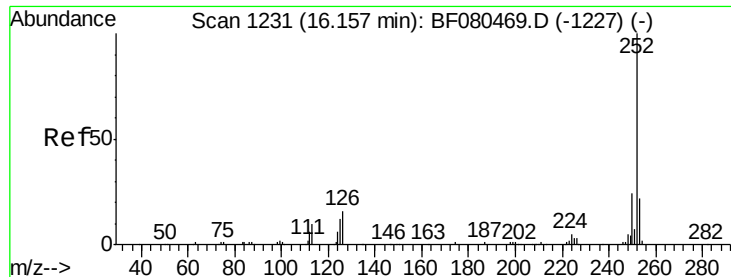
Tgt Ion: 252 Resp: 231992
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 12.9 9.0 13.4



#88
Benzo(k)fluoranthene
Concen: 31.53 ng
RT: 15.78 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF080482.D
Acq: 15 Jul 2015 9:36

Tgt Ion: 252 Resp: 231992
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 12.9 7.0 10.4#





#89

Benzo(a)pyrene

Concen: 28.32 ng

RT: 16.20 min Scan# 1235

Delta R.T. 0.05 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS

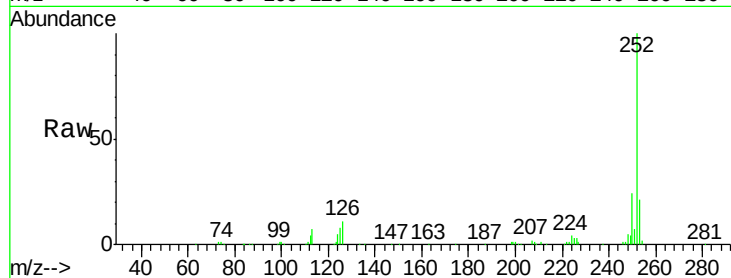
Tgt Ion:252 Resp: 212423

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.8

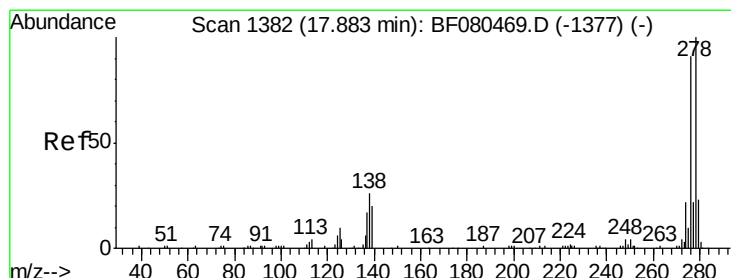
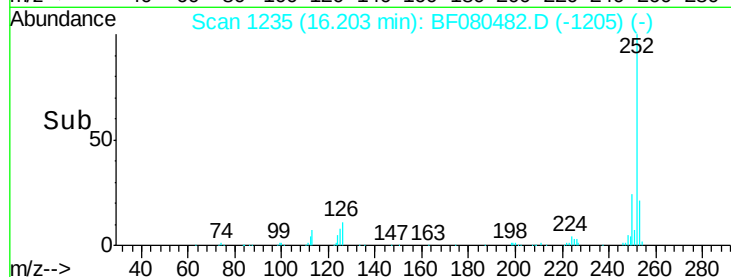
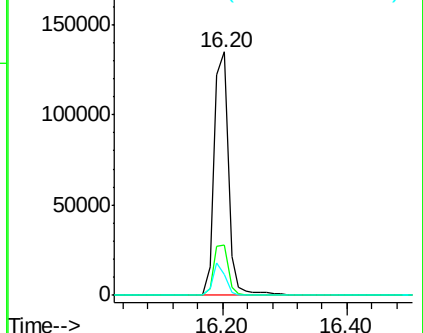
125 8.4 9.9 14.9#



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: 25.68 ng

RT: 17.92 min Scan# 1385

Delta R.T. 0.03 min

Lab File: BF080482.D

Acq: 15 Jul 2015 9:36

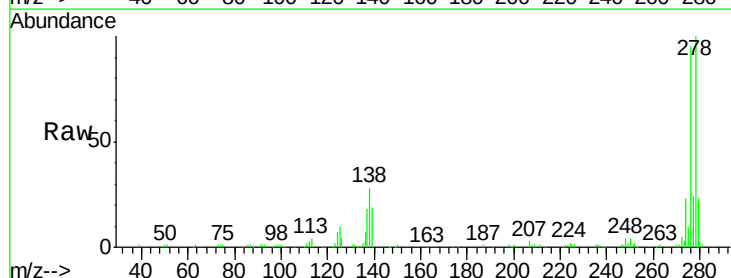
Tgt Ion:278 Resp: 218486

Ion Ratio Lower Upper

278 100

139 19.4 16.0 24.0

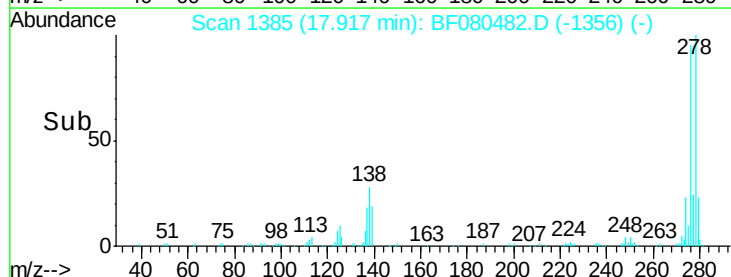
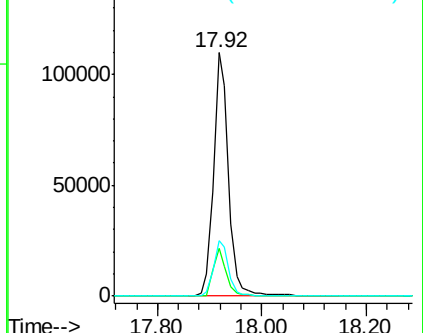
279 22.7 18.4 27.6

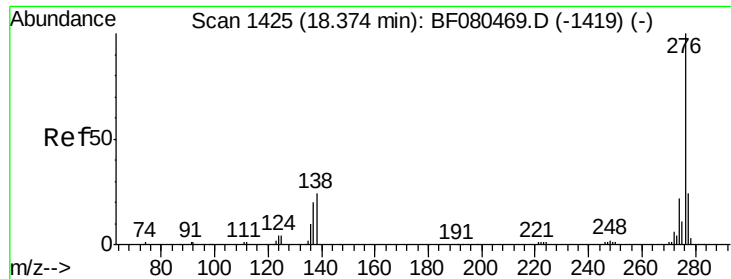


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 24.28 ng

RT: 18.41 min Scan# 1428

Delta R.T. 0.03 min

Lab File: BF080482.D

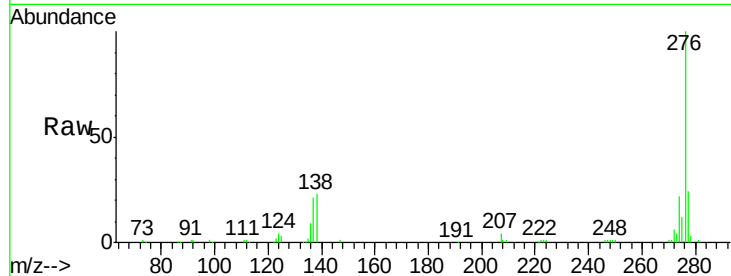
Acq: 15 Jul 2015 9:36

Instrument :

BNA_F

ClientSampleId :

PB84491BS



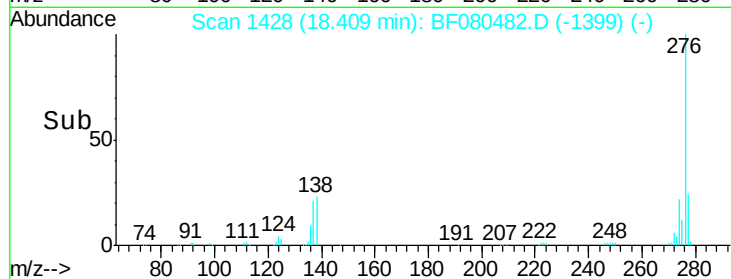
Tgt Ion: 276 Resp: 216202

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 23.1 19.1 28.7



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

