

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071715\
 Data File : BF080554.D
 Acq On : 18 Jul 2015 1:32
 Operator : TP/UM
 Sample : PB84537BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Quant Time: Jul 18 02:20:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	51648	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	223229	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	106466	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	212856	20.00	ng	0.00
75) Chrysene-d12	14.40	240	209108	20.00	ng	0.05
86) Perylene-d12	16.09	264	202328	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	383595	115.80	ng	0.00
7) Phenol-d6	6.70	99	462566	122.70	ng	0.00
23) Nitrobenzene-d5	7.63	82	284496	81.26	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	135737	142.48	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	616576	81.34	ng	0.00
78) Terphenyl-d14	13.21	244	632021	67.49	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	40227	29.03	ng	# 82
3) Pyridine	3.71	79	86149	35.51	ng	93
4) n-Nitrosodimethylamine	3.55	42	70436	38.56	ng	90
6) Aniline	6.74	93	101319	20.39	ng	94
8) 2-Chlorophenol	6.85	128	136651	39.54	ng	97
9) Benzaldehyde	6.62	77	34199	16.06	ng	98
10) Phenol	6.72	94	160418	36.79	ng	93
11) bis(2-Chloroethyl)ether	6.80	93	123571	37.50	ng	100
12) 1,3-Dichlorobenzene	7.00	146	150178	38.47	ng	99
13) 1,4-Dichlorobenzene	7.08	146	159310	37.18	ng	97
14) 1,2-Dichlorobenzene	7.24	146	144822	36.76	ng	98
15) Benzyl Alcohol	7.22	79	89651	37.25	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.33	45	205396	36.63	ng	98
17) 2-Methylphenol	7.33	107	100969	38.30	ng	96
18) Hexachloroethane	7.58	117	49259	35.87	ng	97
19) n-Nitroso-di-n-propylamine	7.47	70	81369	38.55	ng	96
20) 3+4-Methylphenols	7.48	107	149973	39.40	ng	96
22) Acetophenone	7.47	105	183979	38.40	ng	# 97
24) Nitrobenzene	7.65	77	127797	32.30	ng	96
25) Isophorone	7.88	82	244313	36.56	ng	98
26) 2-Nitrophenol	7.97	139	64681	33.32	ng	98
27) 2,4-Dimethylphenol	8.01	122	134543	40.46	ng	99
28) bis(2-Chloroethoxy)methane	8.09	93	135041	36.49	ng	# 95
29) 2,4-Dichlorophenol	8.21	162	117712	41.81	ng	96
30) 1,2,4-Trichlorobenzene	8.29	180	128807	35.79	ng	99
31) Naphthalene	8.37	128	427079	38.65	ng	99
32) Benzoic acid	8.10	122	51592	36.94	ng	95
33) 4-Chloroaniline	8.43	127	81713	18.56	ng	97
34) Hexachlorobutadiene	8.49	225	64550	38.46	ng	96
35) Caprolactam	8.77	113	26628	40.76	ng	# 67
36) 4-Chloro-3-methylphenol	8.91	107	121121	41.76	ng	97
37) 2-Methylnaphthalene	9.06	142	267533	39.45	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	123873	36.79	ng	98
40) Hexachlorocyclopentadiene	9.22	237	133622	84.32	ng	99

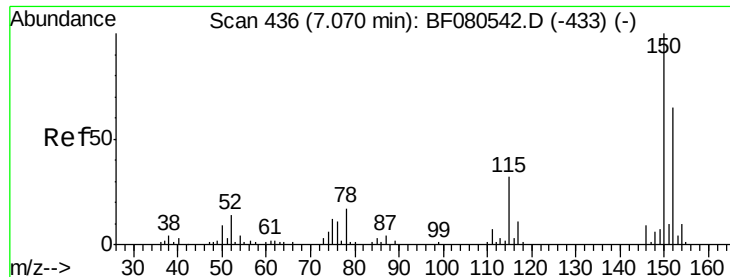
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071715\
 Data File : BF080554.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	78749	40.61	nq	99
43) 2,4,5-Trichlorophenol	9.39	196	84818	40.03	nq	96
45) 1,1'-Biphenyl	9.53	154	331609	37.57	nq	100
46) 2-Chloronaphthalene	9.55	162	256834	39.49	nq	99
47) 2-Nitroaniline	9.65	65	65606	41.37	nq	98
48) Acenaphthylene	9.97	152	408817	37.96	nq	100
49) Dimethylphthalate	9.82	163	291118	41.09	nq	99
50) 2,6-Dinitrotoluene	9.89	165	54900	40.34	nq	# 44
51) Acenaphthene	10.14	154	274058	41.64	nq	99
52) 3-Nitroaniline	10.06	138	37371	25.81	nq	88
53) 2,4-Dinitrophenol	10.17	184	62569	78.20	nq	90
54) Dibenzofuran	10.32	168	365054	39.84	nq	97
55) 4-Nitrophenol	10.24	139	108522	80.64	nq	91
56) 2,4-Dinitrotoluene	10.29	165	89829	42.47	nq	98
57) Fluorene	10.66	166	282410	38.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.44	232	63390	44.35	nq	97
59) Diethylphthalate	10.52	149	299728	44.82	nq	98
60) 4-Chlorophenyl-phenylether	10.65	204	125205	38.50	nq	96
61) 4-Nitroaniline	10.68	138	65837	39.37	nq	89
62) Azobenzene	10.81	77	290609	43.18	nq	# 79
64) 4,6-Dinitro-2-methylphenol	10.70	198	37832	40.21	nq	98
65) n-Nitrosodiphenylamine	10.76	169	255811	36.48	nq	99
66) 4-Bromophenyl-phenylether	11.14	248	72891	37.36	nq	97
67) Hexachlorobenzene	11.21	284	92125	38.93	nq	96
68) Atrazine	11.29	200	68715	41.41	nq	84
69) Pentachlorophenol	11.41	266	83438	69.94	nq	95
70) Phenanthrene	11.62	178	435228	37.53	nq	98
71) Anthracene	11.68	178	435910	38.70	nq	100
72) Carbazole	11.84	167	389889	38.64	nq	99
73) Di-n-butylphthalate	12.14	149	405444	40.06	nq	99
74) Fluoranthene	12.83	202	446942	41.22	nq	95
76) Benzidine	12.96	184	135485	24.21	nq	100
77) Pyrene	13.07	202	489750	36.29	nq	100
79) Butylbenzylphthalate	13.72	149	166819	38.81	nq	97
80) Benzo(a)anthracene	14.39	228	452409	38.87	nq	99
81) 3,3'-Dichlorobenzidine	14.34	252	71015	19.32	nq	# 97
82) Chrysene	14.42	228	405823	34.80	nq	99
83) Bis(2-ethylhexyl)phthalate	14.35	149	242049	38.56	nq	# 96
84) Di-n-octyl phthalate	15.09	149	392355	41.10	nq	99
85) Indeno(1,2,3-cd)pyrene	17.68	276	493146	41.05	nq	97
87) Benzo(b)fluoranthene	15.62	252	882632	70.38	nq	99
88) Benzo(k)fluoranthene	15.62	252	882632	81.28	nq	99
89) Benzo(a)pyrene	16.02	252	429194	40.16	nq	99
90) Dibenzo(a,h)anthracene	17.69	278	416917	39.62	nq	96
91) Benzo(g,h,i)perylene	18.16	276	426359	40.14	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

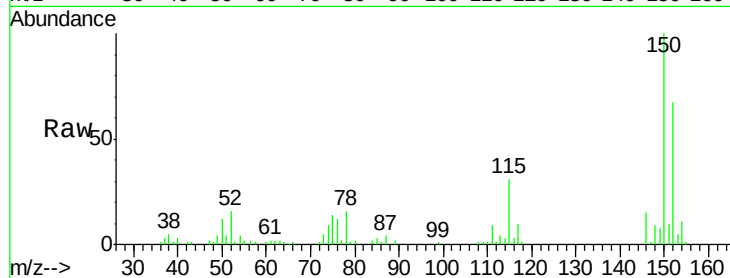
Tot Ion:152 Resp: 51648

Ion Ratio Lower Upper

152 100

150 150.2 123.0 184.4

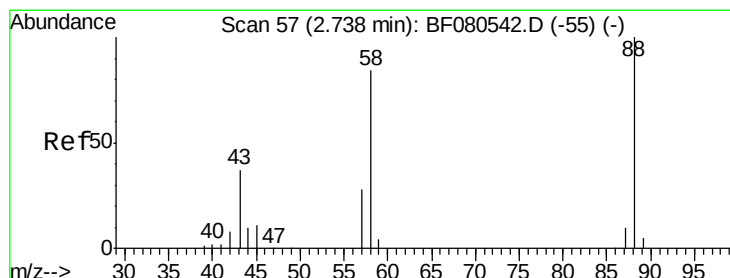
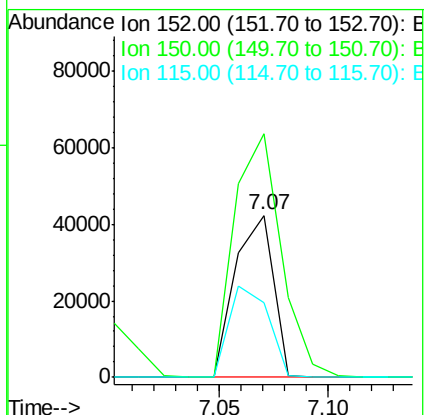
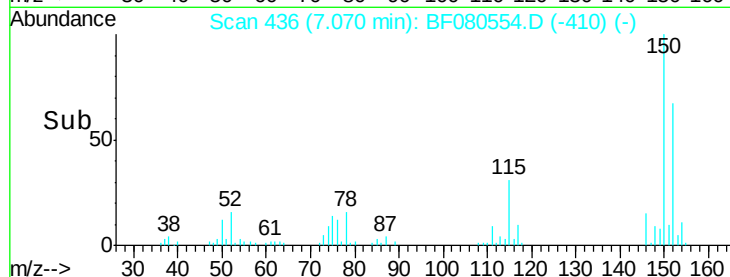
115 46.3 39.9 59.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.03 ng

RT: 2.76 min Scan# 59

Delta R.T. 0.02 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

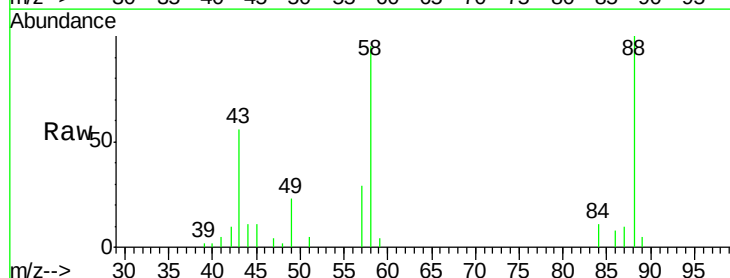
Tgt Ion: 88 Resp: 40227

Ion Ratio Lower Upper

88 100

58 95.2 63.4 95.0#

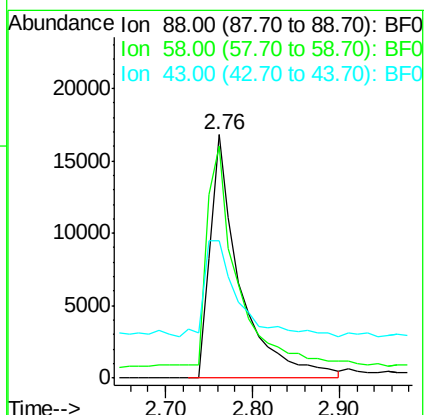
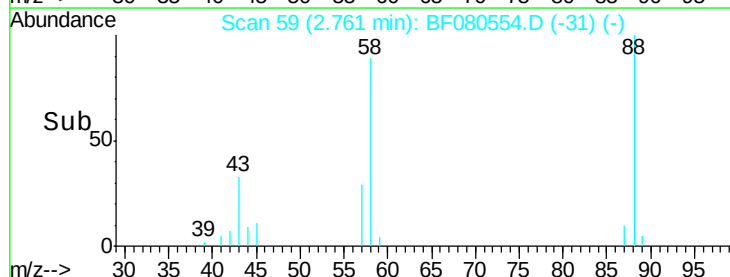
43 44.1 27.1 40.7#

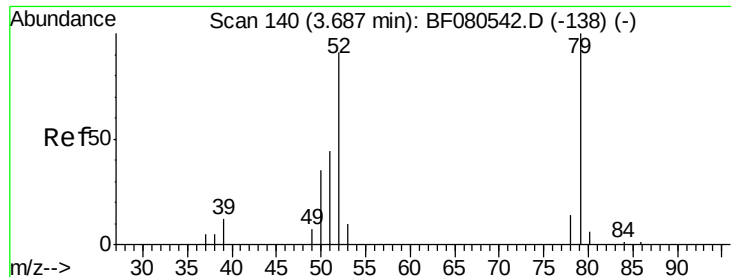


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.51 ng

RT: 3.71 min Scan# 142

Delta R.T. 0.02 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

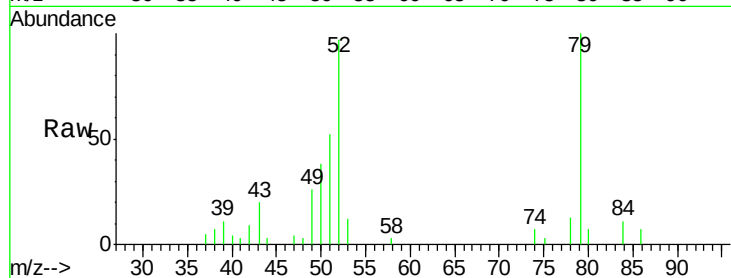
Tot Ion: 79 Resp: 86149

Ion Ratio Lower Upper

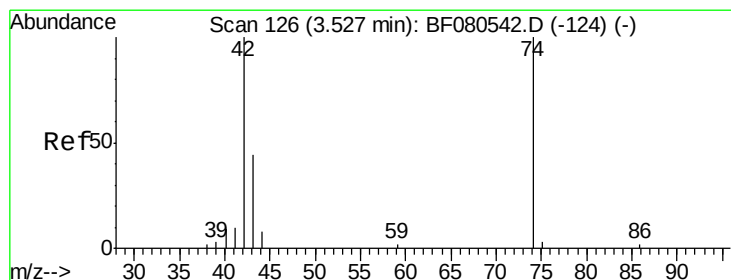
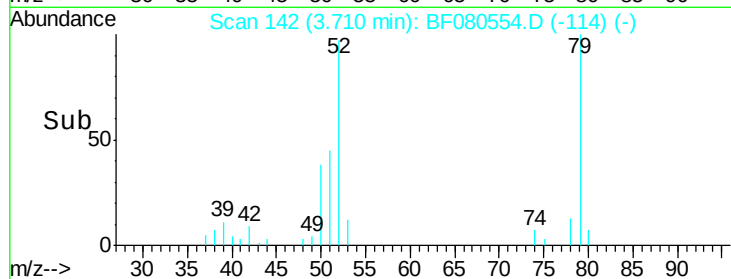
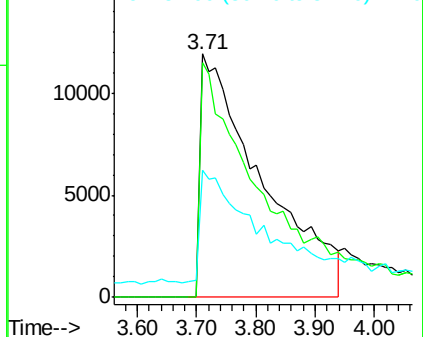
79 100

52 96.6 72.5 108.7

51 52.4 37.1 55.7



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: 38.56 ng

RT: 3.55 min Scan# 128

Delta R.T. 0.02 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

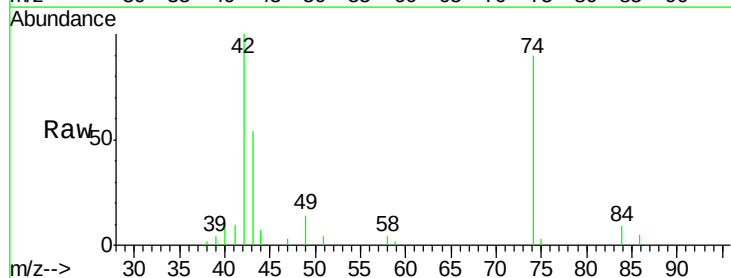
Tgt Ion: 42 Resp: 70436

Ion Ratio Lower Upper

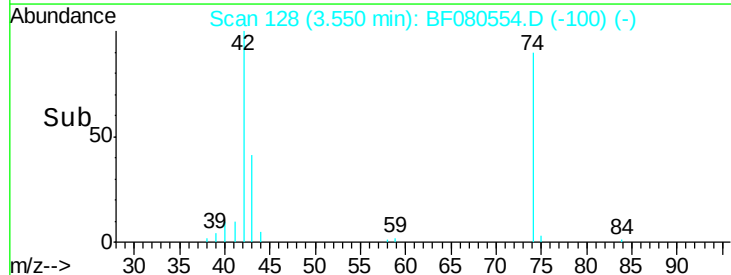
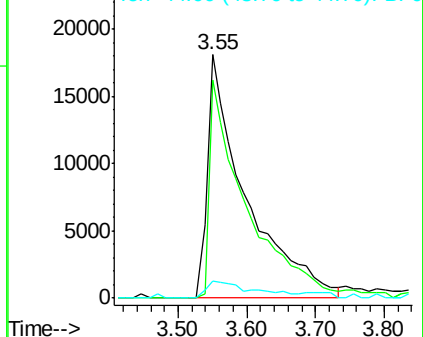
42 100

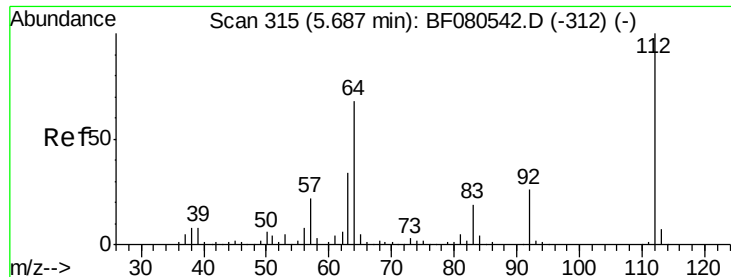
74 89.7 79.9 119.9

44 7.2 6.6 9.8



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: 115.80 ng

RT: 5.69 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

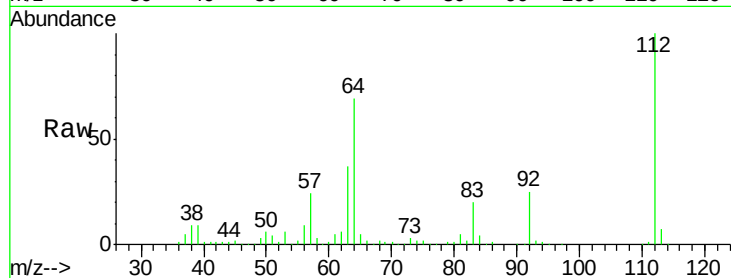
Tot Ion:112 Resp: 383595

Ion Ratio Lower Upper

112 100

64 69.4 54.1 81.1

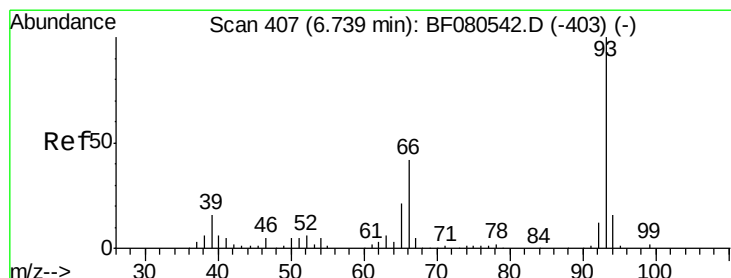
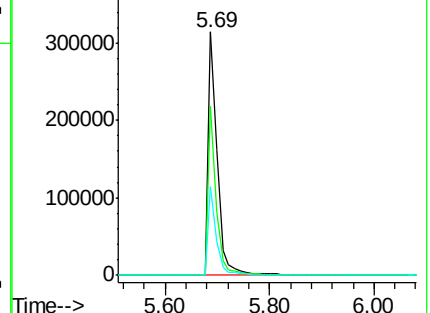
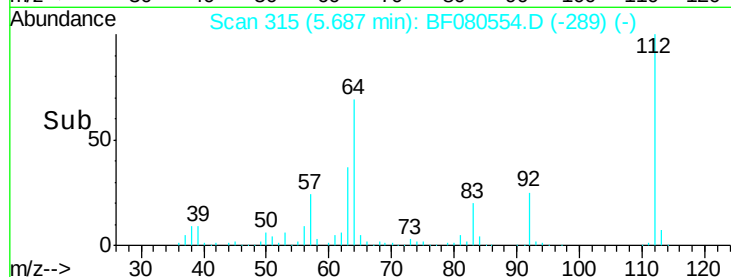
63 36.6 27.6 41.4



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: 20.39 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

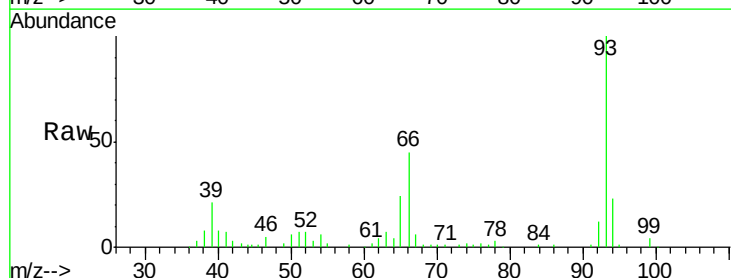
Tgt Ion: 93 Resp: 101319

Ion Ratio Lower Upper

93 100

66 44.6 33.3 49.9

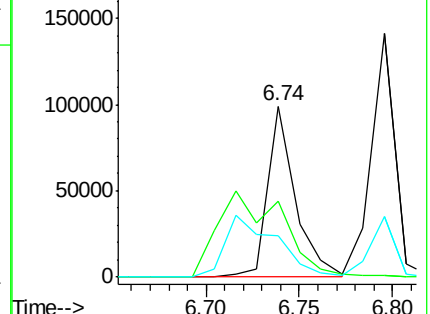
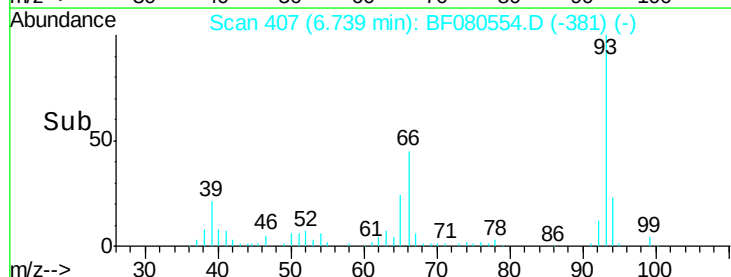
65 24.3 16.9 25.3

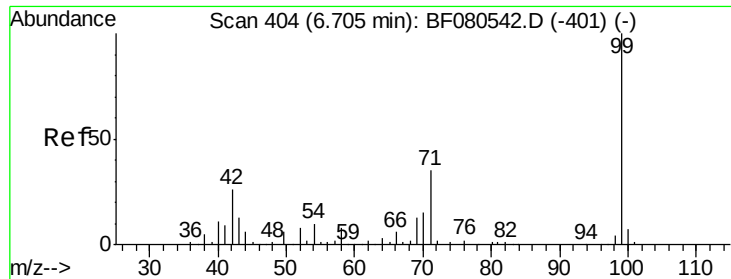


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.70 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

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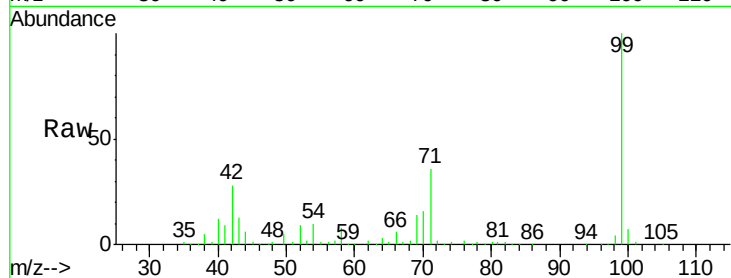
Tot Ion: 99 Resp: 462566

Ion Ratio Lower Upper

99 100

42 27.9 21.0 31.4

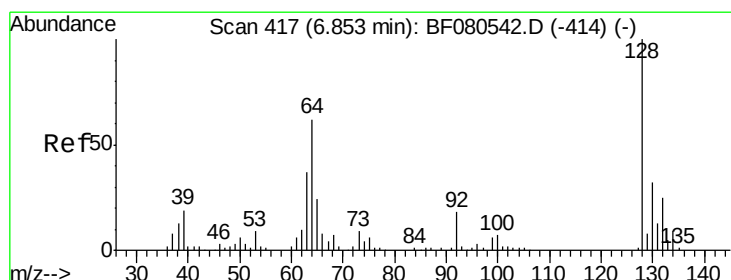
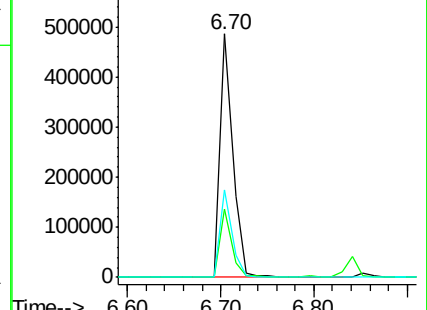
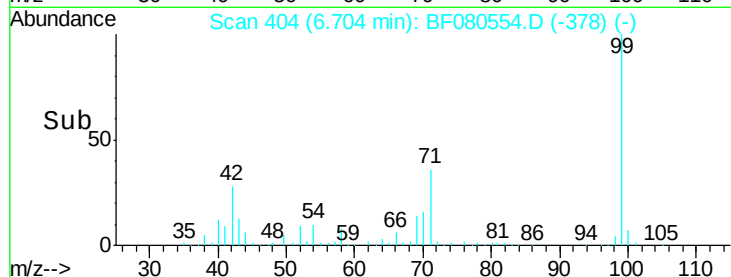
71 36.0 28.4 42.6



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: 39.54 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

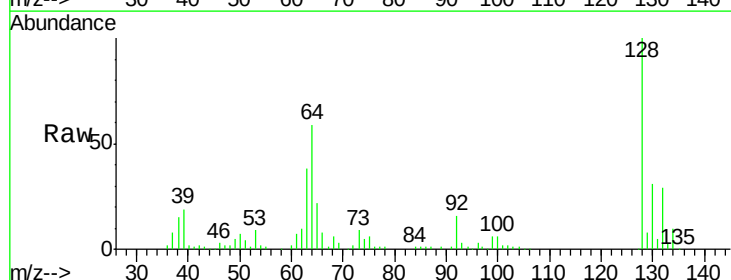
Tgt Ion: 128 Resp: 136651

Ion Ratio Lower Upper

128 100

130 30.6 11.7 51.7

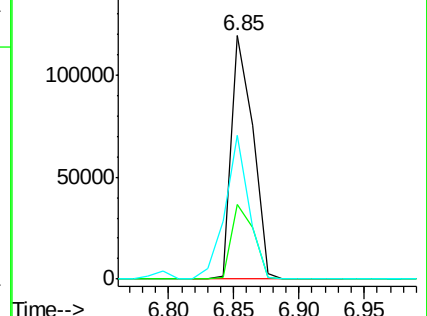
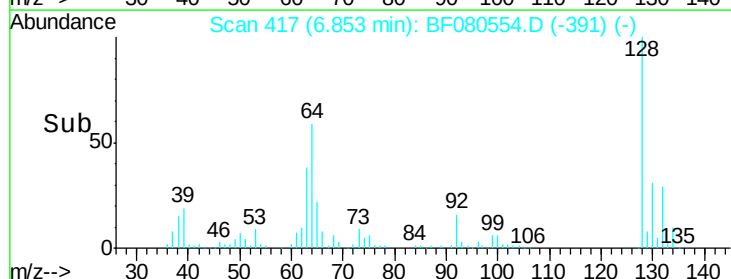
64 58.9 41.6 81.6

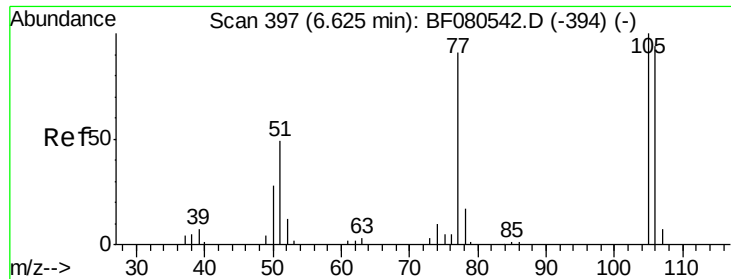


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.06 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

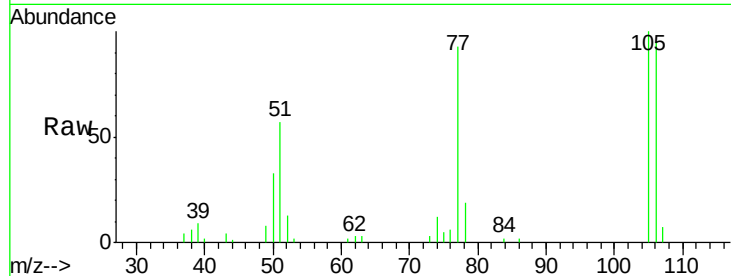
Tot Ion: 77 Resp: 34199

Ion Ratio Lower Upper

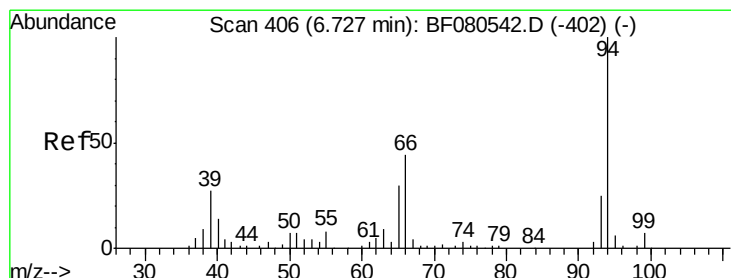
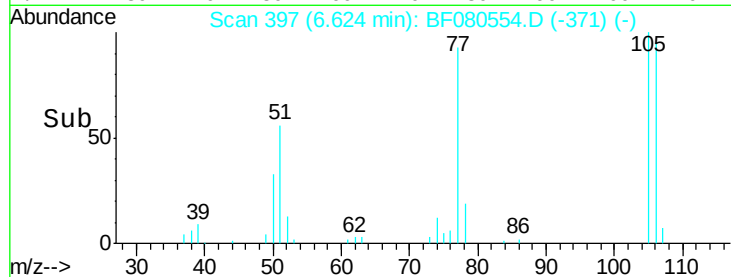
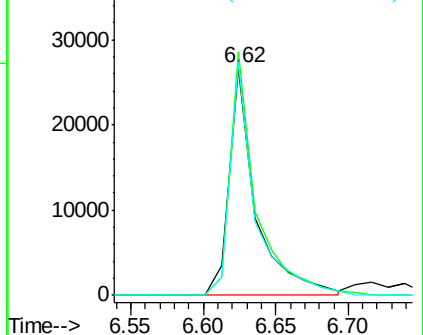
77 100

105 107.2 90.0 130.0

106 101.9 83.5 123.5



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: 36.79 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

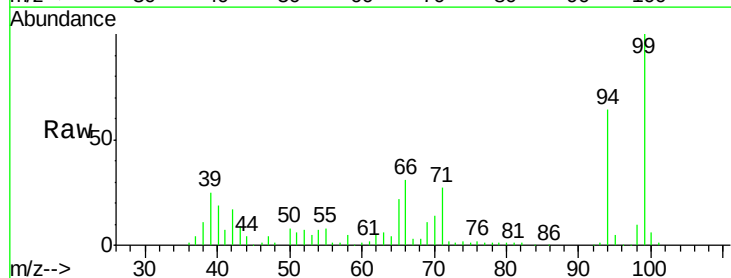
Tgt Ion: 94 Resp: 160418

Ion Ratio Lower Upper

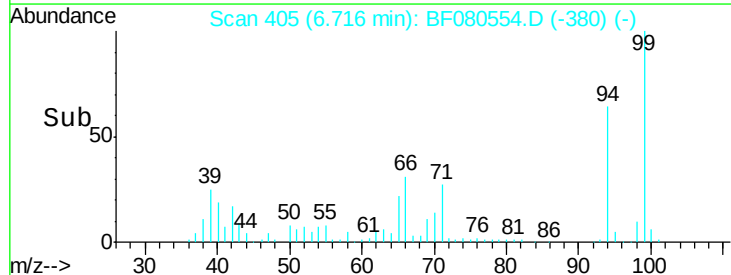
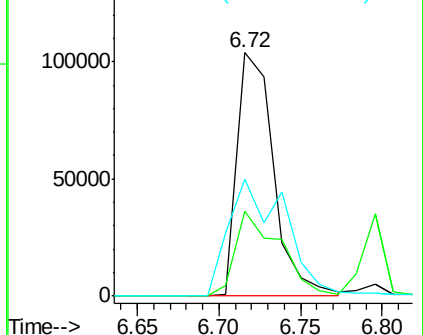
94 100

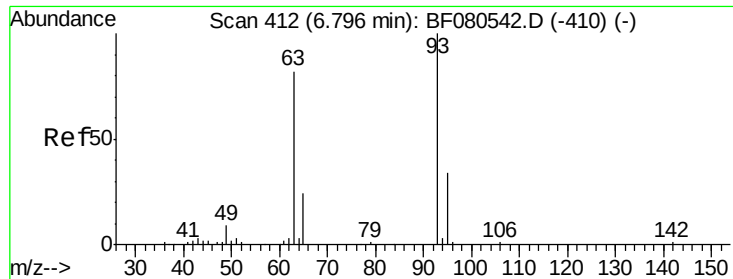
65 34.8 10.4 50.4

66 48.3 24.2 64.2



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

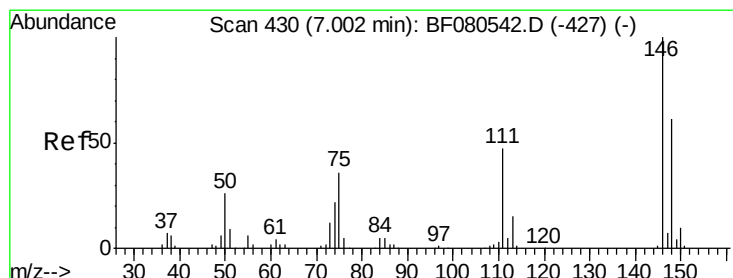
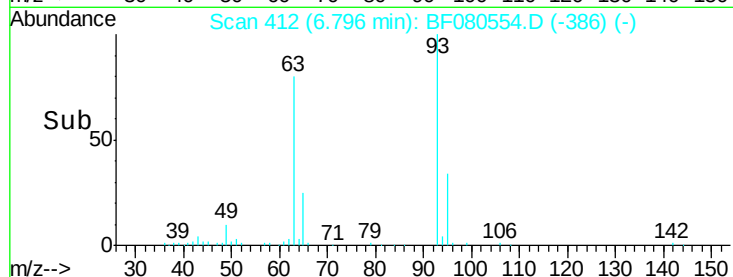
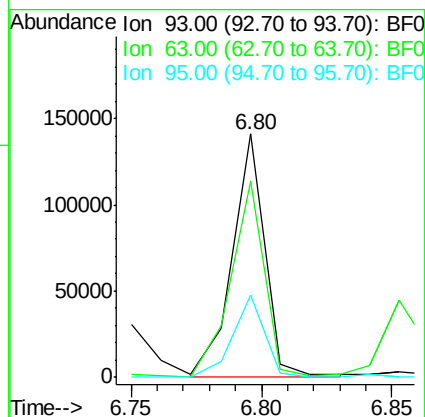
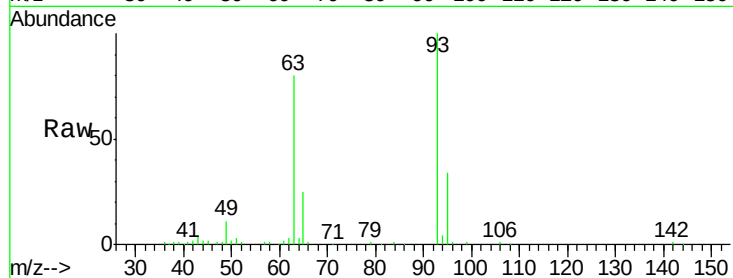




#11
bis(2-Chloroethyl)ether
Concen: 37.50 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

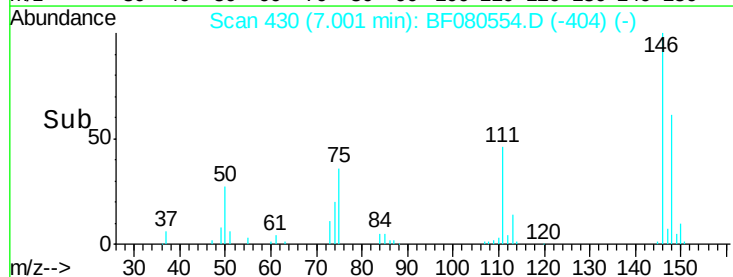
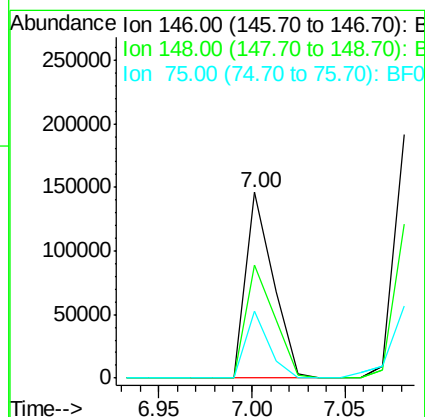
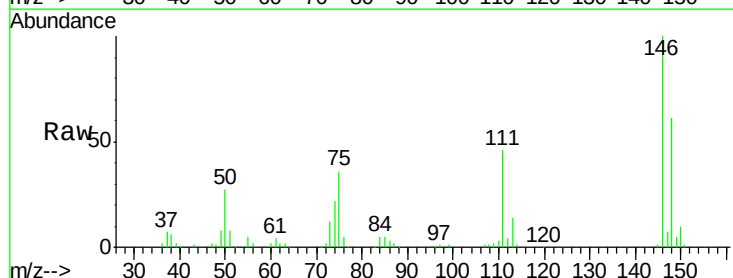
Instrument :
BNA_F
ClientSampleId :
PB84537BS

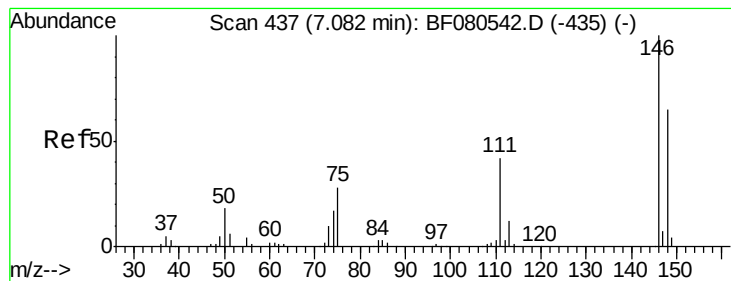
Tot Ion: 93 Resp: 123571
Ion Ratio Lower Upper
93 100
63 80.4 60.3 100.3
95 33.8 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 38.47 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion: 146 Resp: 150178
Ion Ratio Lower Upper
146 100
148 61.0 49.2 73.8
75 36.2 29.1 43.7





#13

1,4-Dichlorobenzene

Concen: 37.18 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

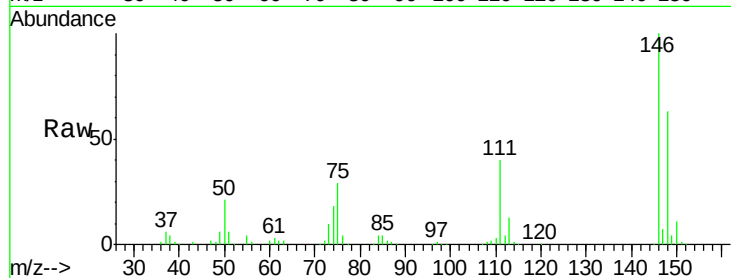
Tot Ion:146 Resp: 159310

Ion Ratio Lower Upper

146 100

148 63.0 51.9 77.9

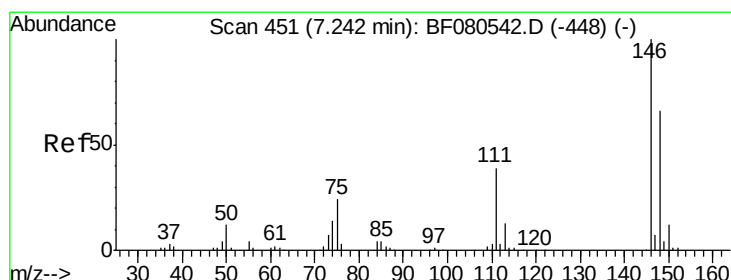
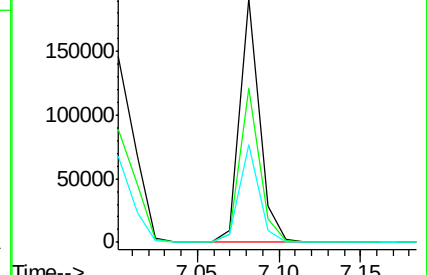
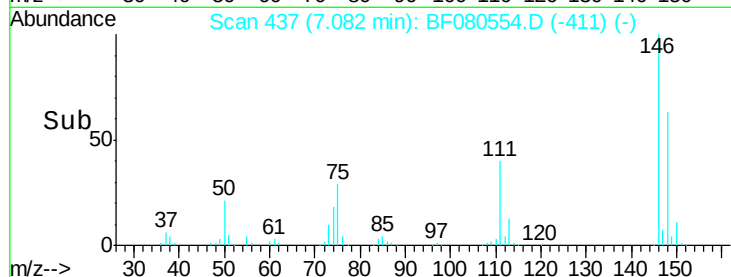
111 40.0 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.76 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

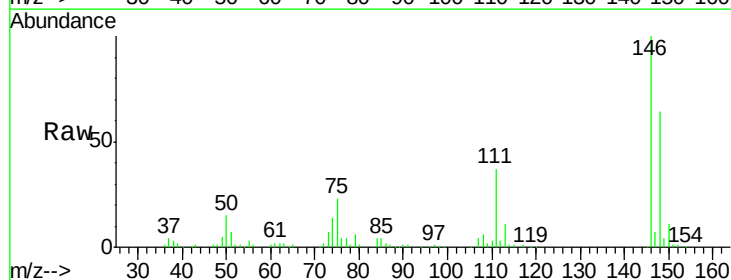
Tgt Ion:146 Resp: 144822

Ion Ratio Lower Upper

146 100

148 64.3 52.5 78.7

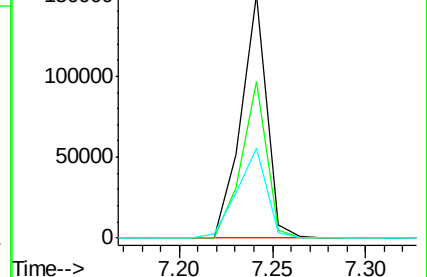
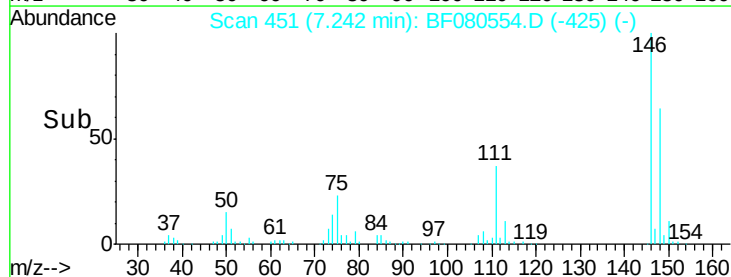
111 37.2 31.5 47.3

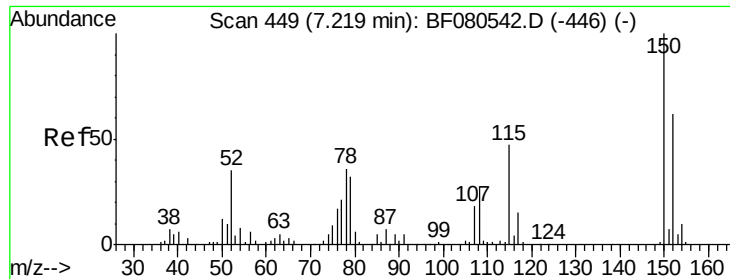


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

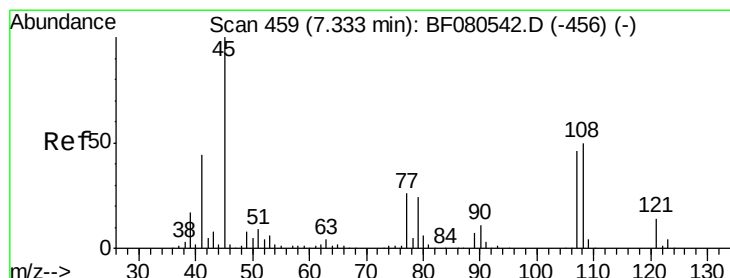
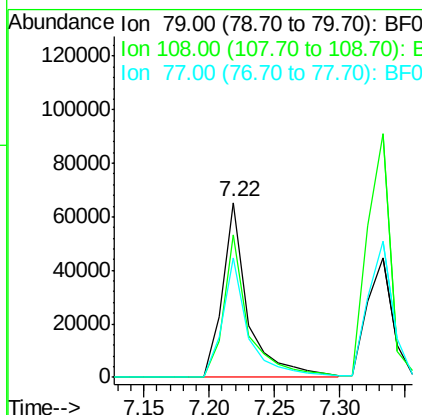
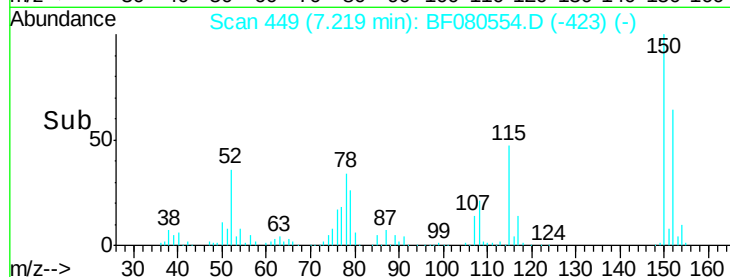
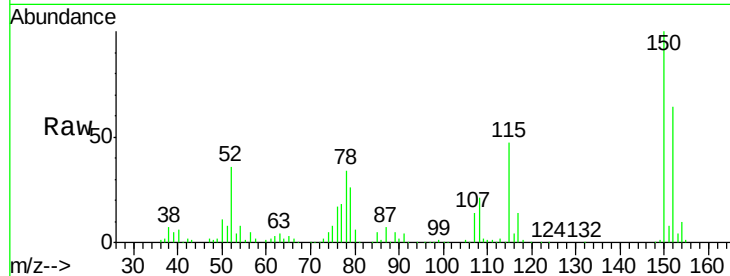




#15
Benzyl Alcohol
Concen: 37.25 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

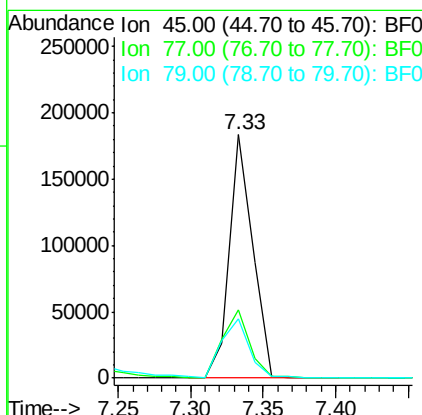
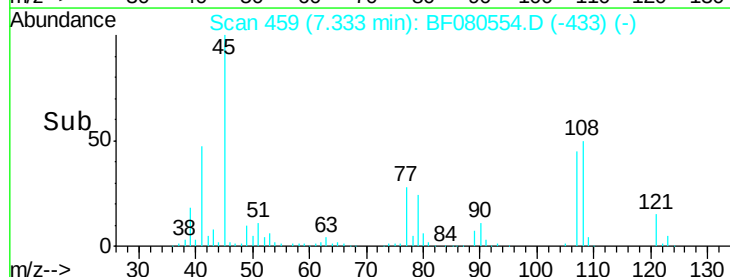
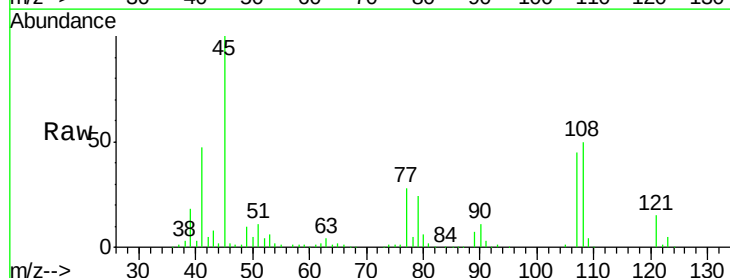
Instrument :
BNA_F
ClientSampleId :
PB84537BS

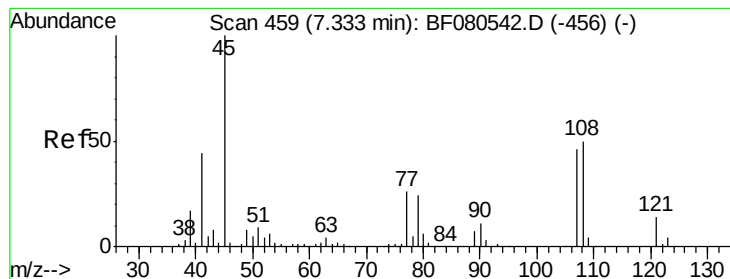
Tot Ion: 79 Resp: 89651
Ion Ratio Lower Upper
79 100
108 82.0 67.8 101.6
77 68.7 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.63 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion: 45 Resp: 205396
Ion Ratio Lower Upper
45 100
77 27.8 6.6 46.6
79 24.4 4.0 44.0

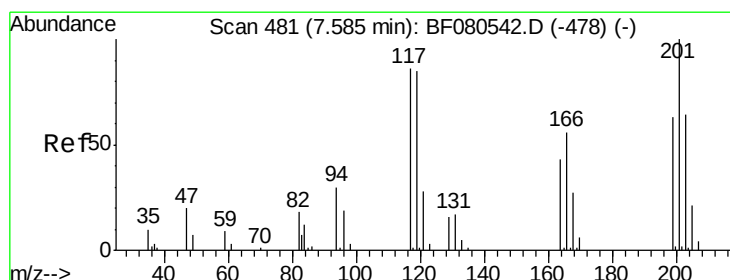
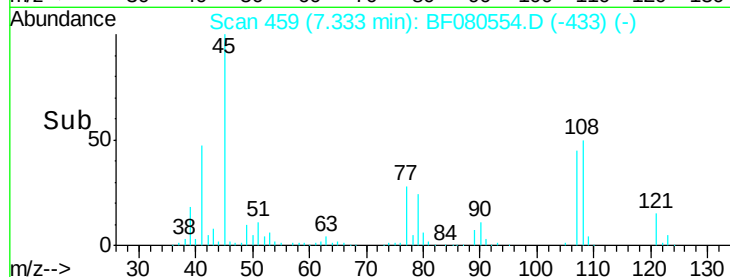
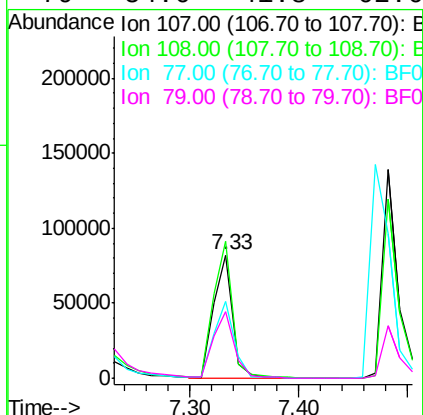
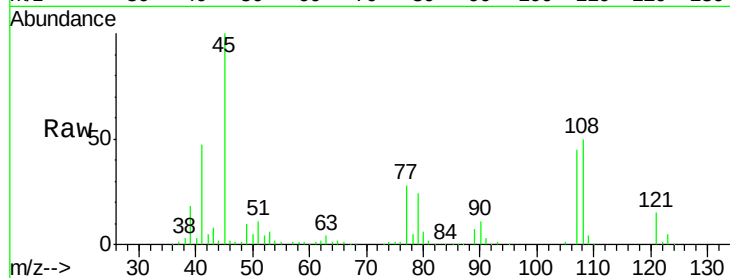




#17
2-Methylphenol
Concen: 38.30 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

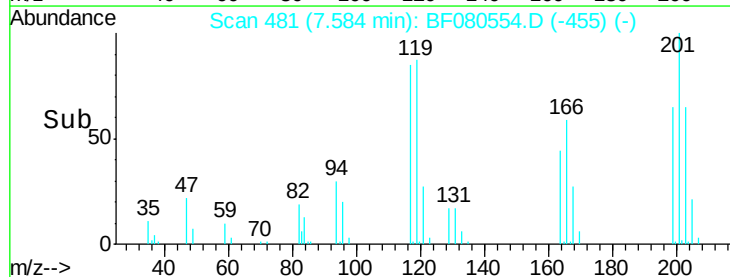
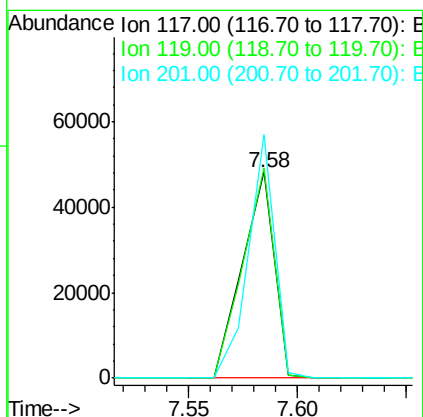
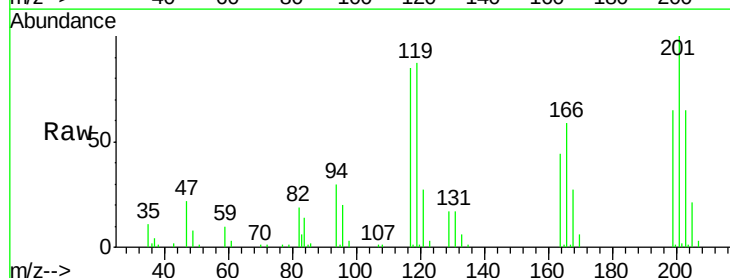
Instrument :
BNA_F
ClientSampleId :
PB84537BS

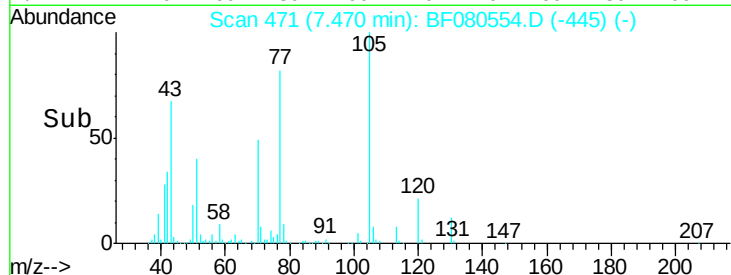
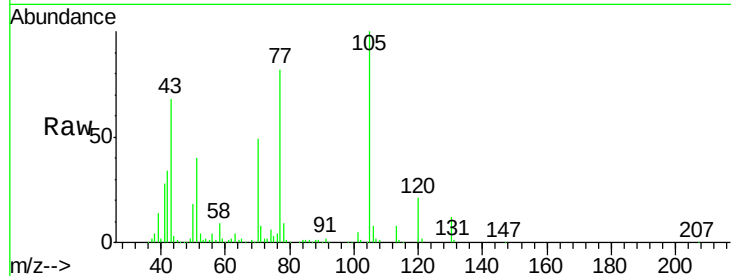
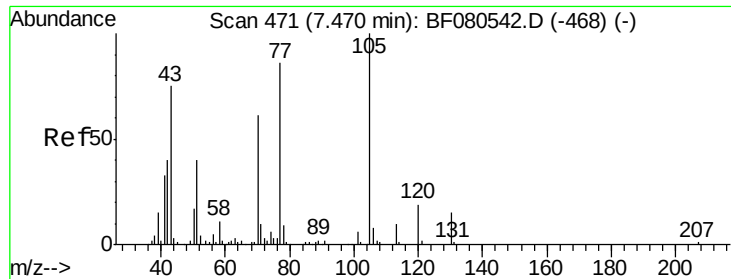
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	86.8	130.2
77	62.2	46.2	69.4
79	54.6	41.8	62.6



#18
Hexachloroethane
Concen: 35.87 ng
RT: 7.58 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.2	79.1	118.7
201	118.1	92.7	139.1

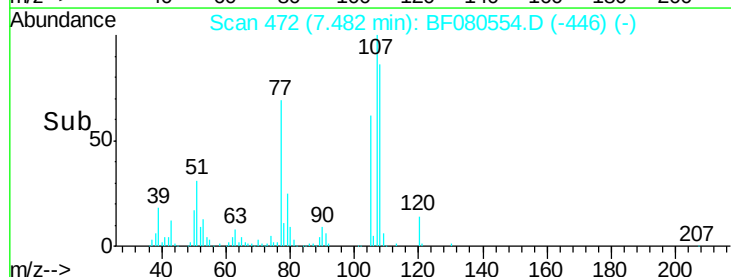
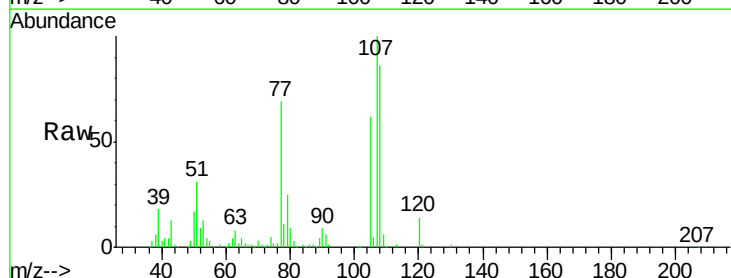
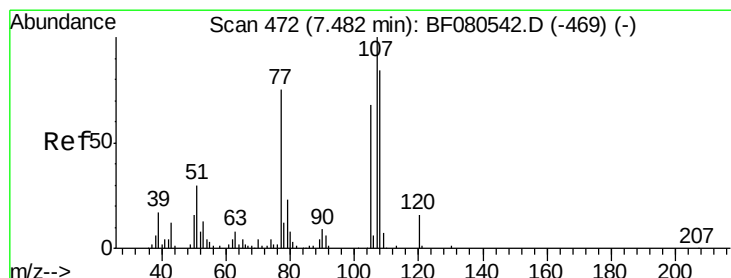
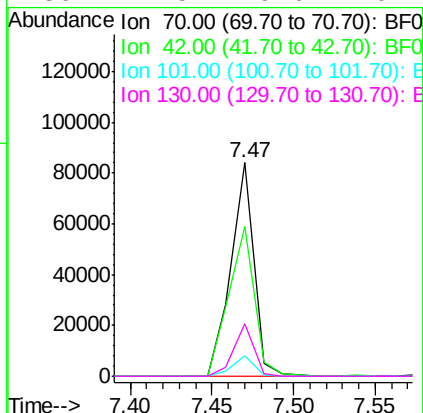




#19
n-Nitroso-di-n-propylamine
Concen: 38.55 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

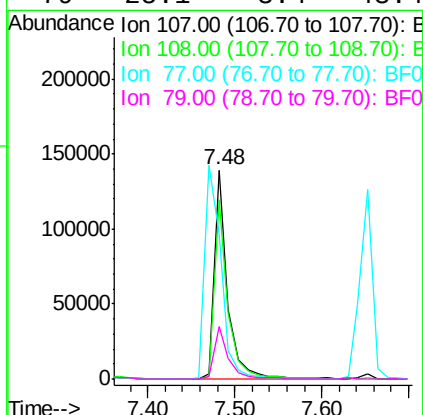
Instrument :
BNA_F
ClientSampleId :
PB84537BS

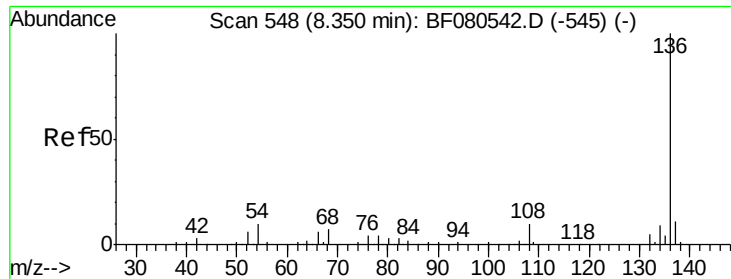
Tot Ion: 70 Resp: 81369
Ion Ratio Lower Upper
70 100
42 70.1 52.6 78.8
101 9.8 8.3 12.5
130 24.5 19.6 29.4



#20
3+4-Methylphenols
Concen: 39.40 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion:107 Resp: 149973
Ion Ratio Lower Upper
107 100
108 85.9 64.0 104.0
77 69.3 55.4 95.4
79 25.1 3.4 43.4

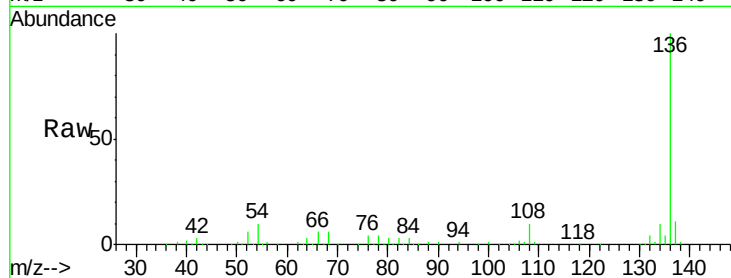




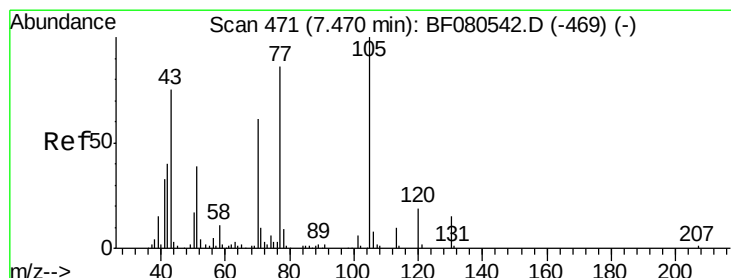
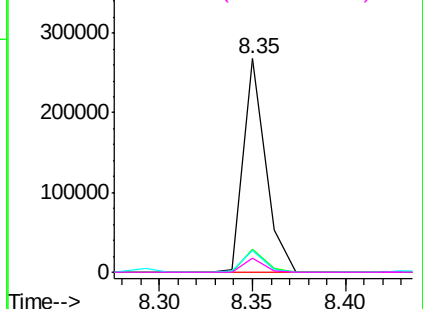
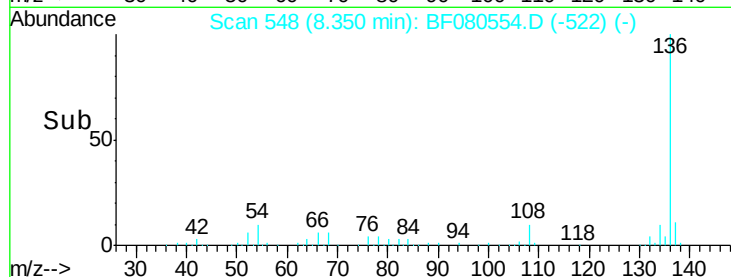
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Tot Ion:136	Resp:	223229
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	10.0	8.3 12.5
68	6.4	5.4 8.2

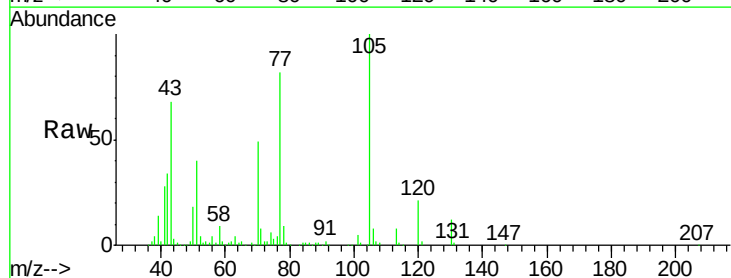


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

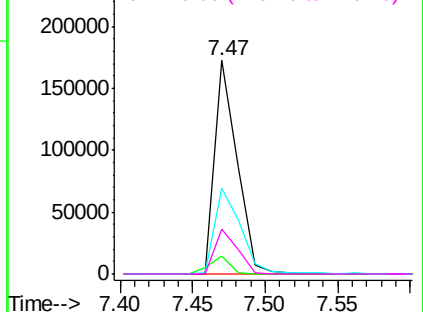
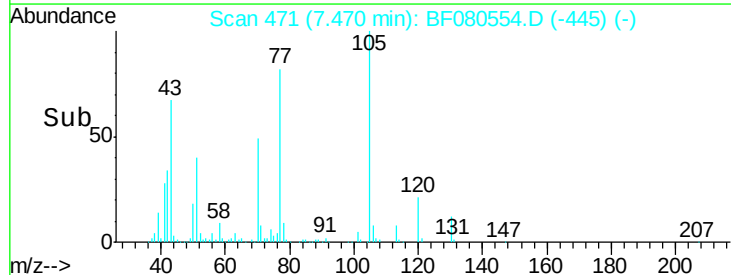


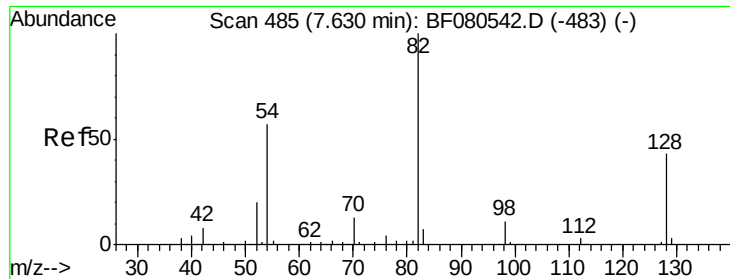
#22
Acetophenone
Concen: 38.40 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion:105	Resp:	183979
Ion Ratio	Lower	Upper
105	100	
71	8.1	8.3 12.5#
51	40.5	31.6 47.4
120	21.0	15.5 23.3



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

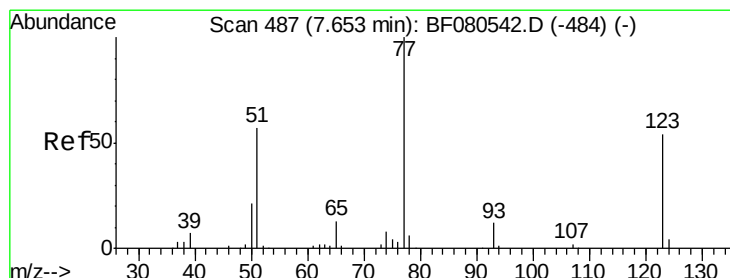
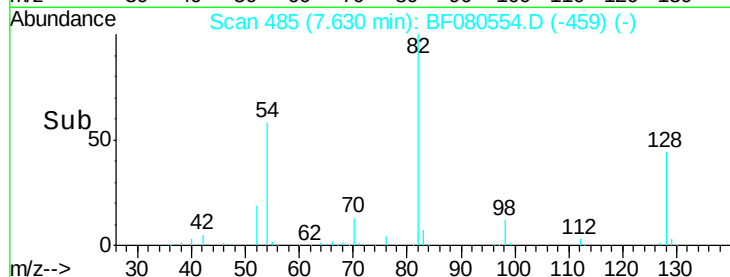
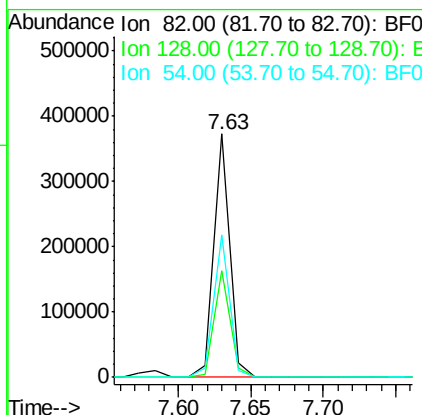
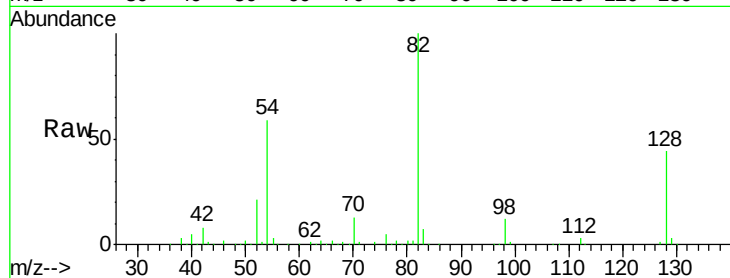




#23
 Nitrobenzene-d5
 Concen: 81.26 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

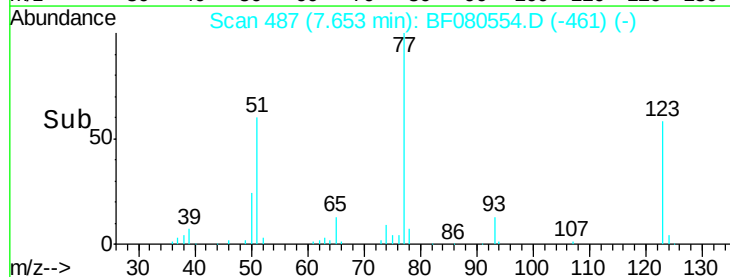
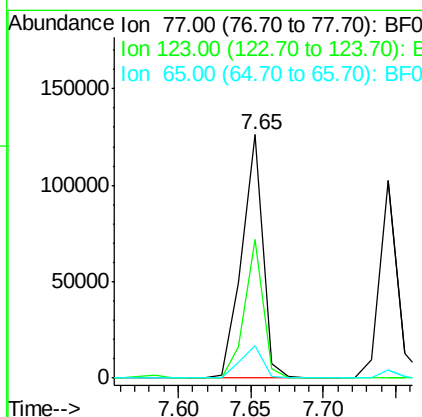
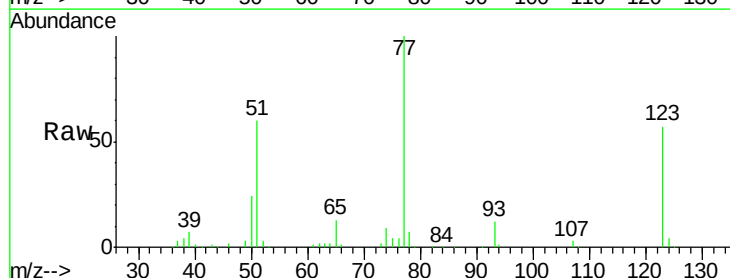
Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

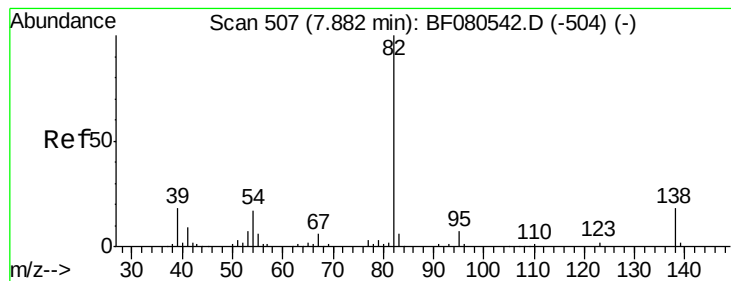
Tot Ion: 82 Resp: 284496
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.6 51.8
 54 58.6 45.8 68.6



#24
 Nitrobenzene
 Concen: 32.30 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion: 77 Resp: 127797
 Ion Ratio Lower Upper
 77 100
 123 57.1 42.9 64.3
 65 13.1 10.7 16.1





#25

Isophorone

Concen: 36.56 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

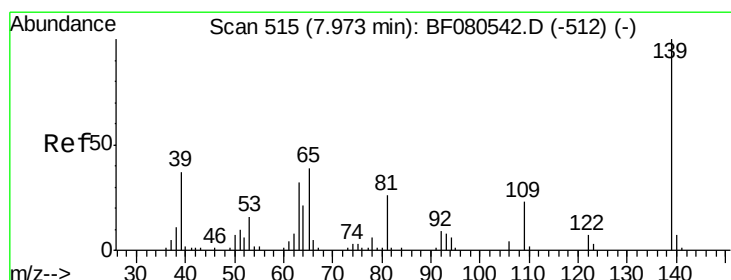
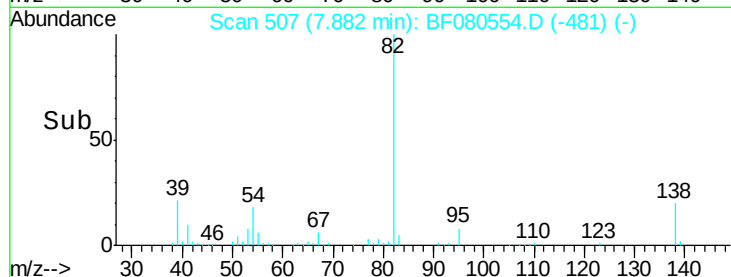
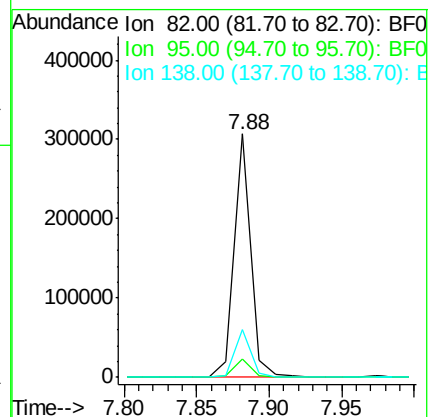
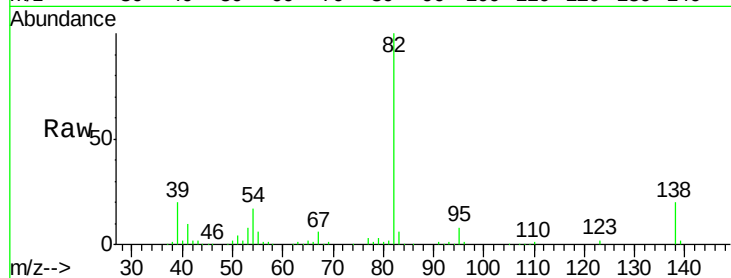
Tot Ion: 82 Resp: 244313

Ion Ratio Lower Upper

82 100

95 7.5 5.5 8.3

138 19.6 14.7 22.1



#26

2-Nitrophenol

Concen: 33.32 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

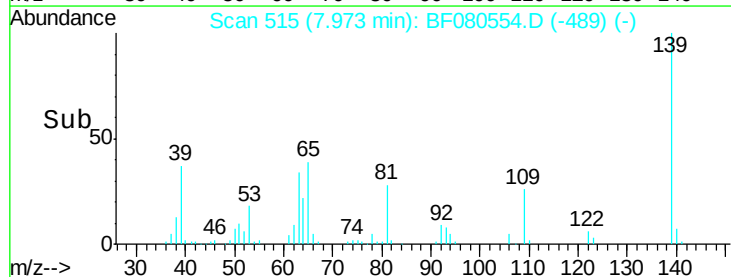
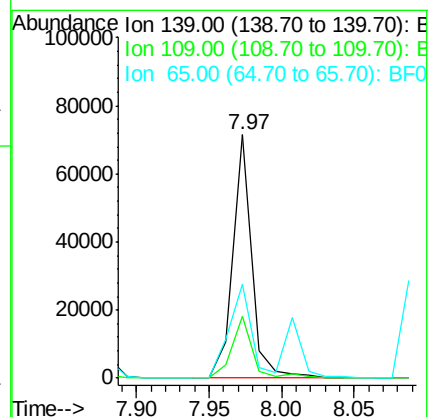
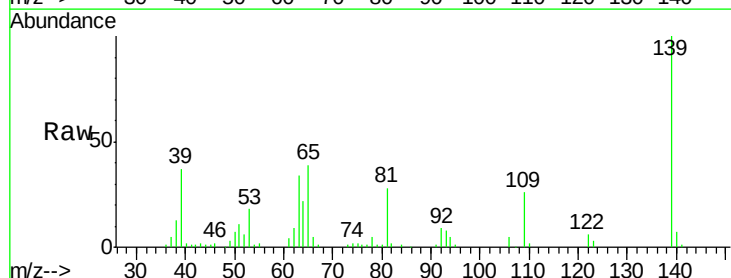
Tgt Ion: 139 Resp: 64681

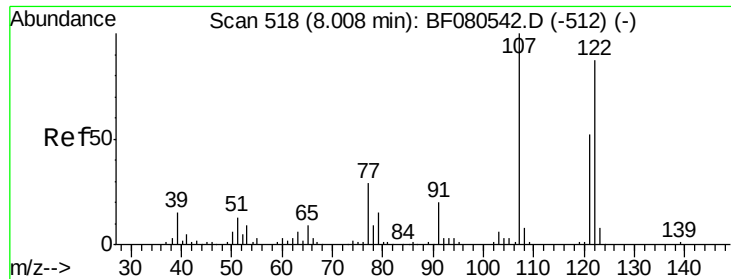
Ion Ratio Lower Upper

139 100

109 25.6 18.3 27.5

65 38.8 31.0 46.6





#27

2,4-Dimethylphenol

Concen: 40.46 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

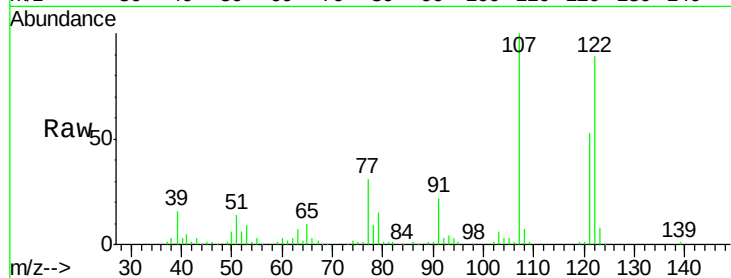
Tot Ion:122 Resp: 134543

Ion Ratio Lower Upper

122 100

107 112.6 91.6 137.4

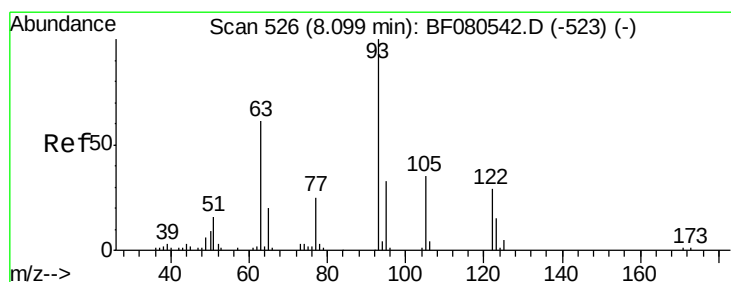
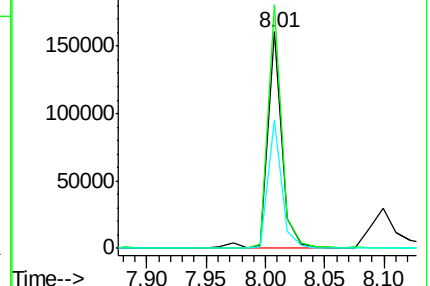
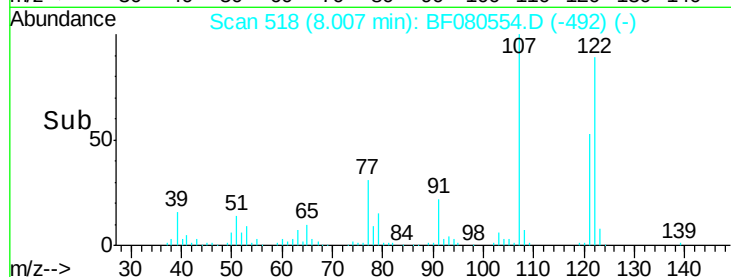
121 59.7 47.4 71.0



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: 36.49 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

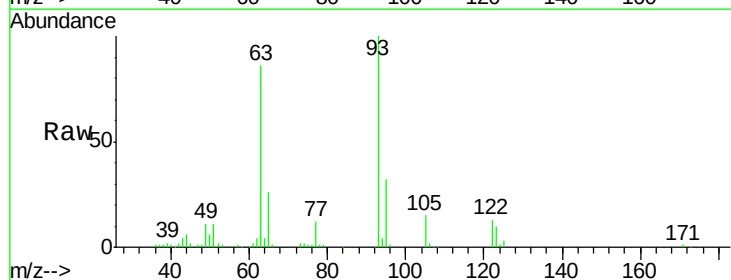
Tgt Ion: 93 Resp: 135041

Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

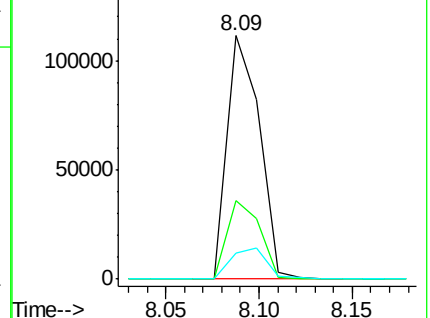
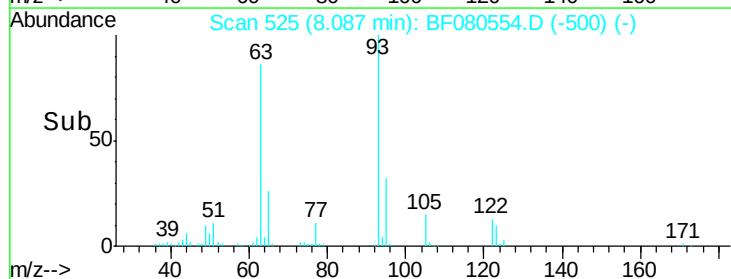
123 10.4 12.2 18.4#

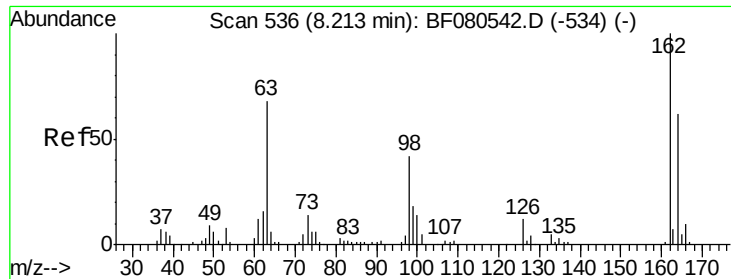


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

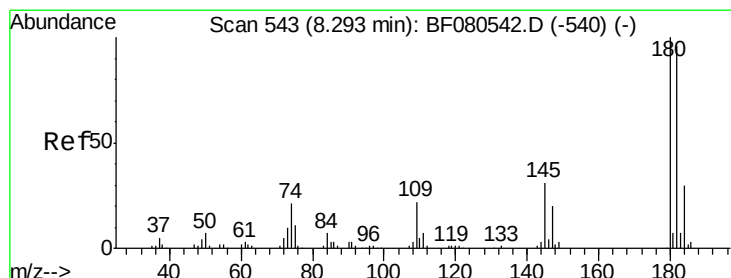
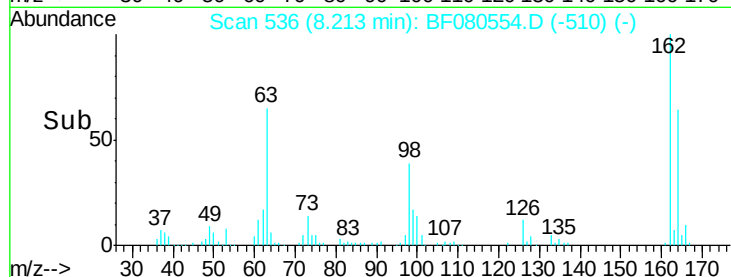
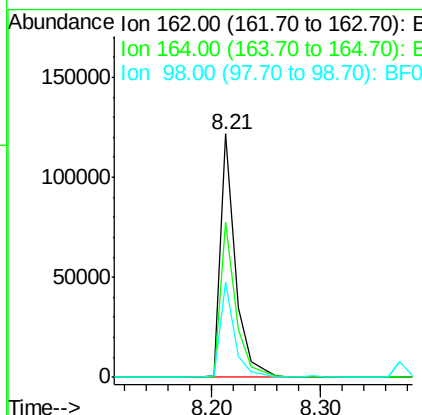
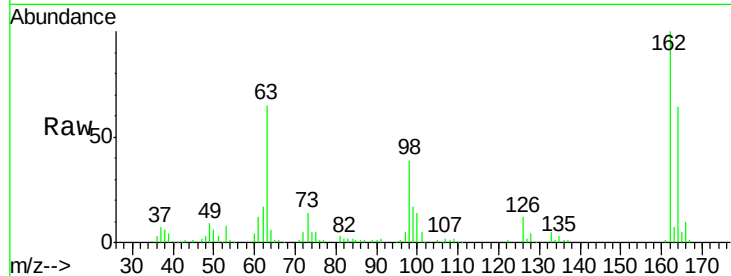




#29
 2,4-Dichlorophenol
 Concen: 41.81 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

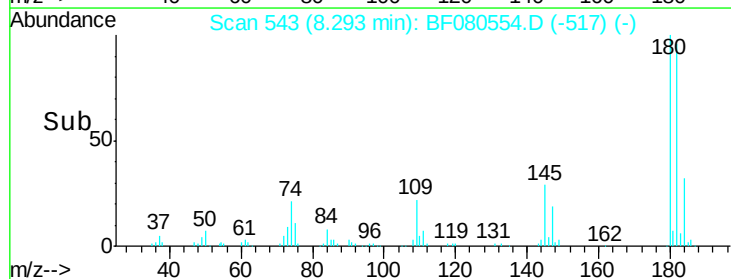
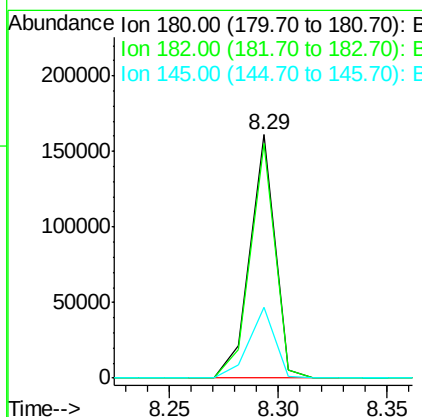
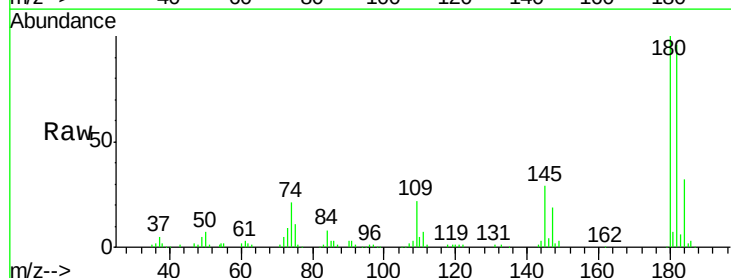
Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

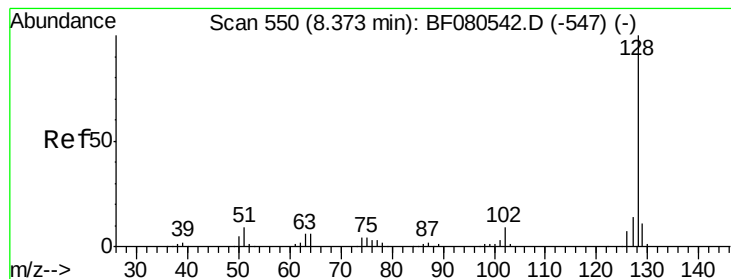
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	41.6	81.6
98	39.2	21.9	61.9



#30
 1,2,4-Trichlorobenzene
 Concen: 35.79 ng
 RT: 8.29 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.0	115.4
145	29.3	24.5	36.7





#31

Naphthalene

Concen: 38.65 ng

RT: 8.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

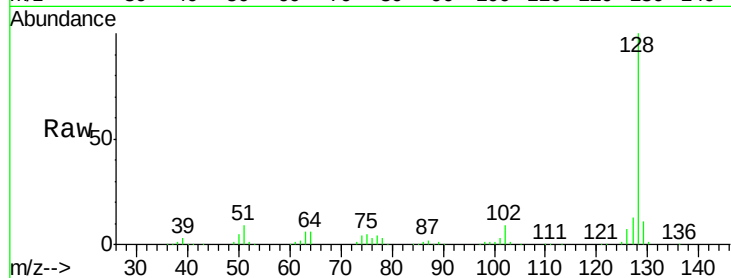
Tot Ion:128 Resp: 427079

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

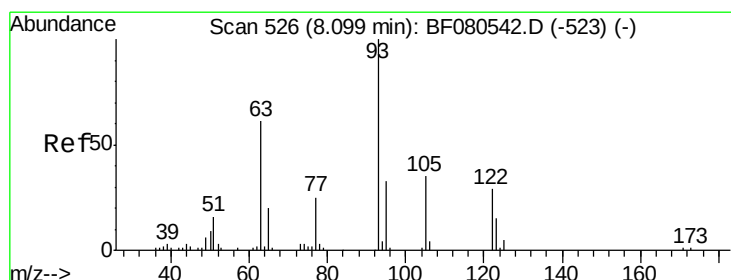
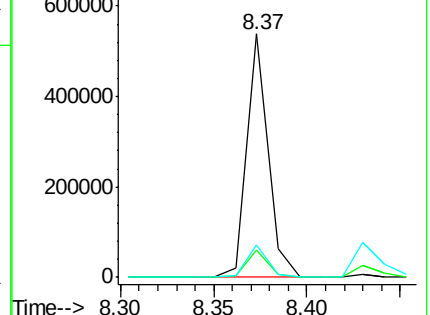
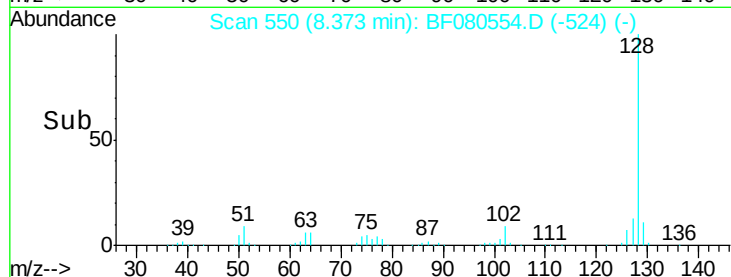
127 13.2 11.0 16.4



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: 36.94 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

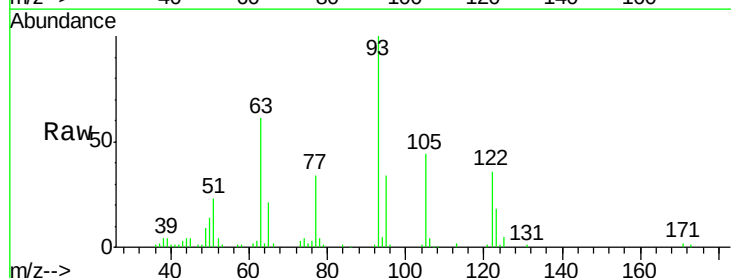
Tgt Ion:122 Resp: 51592

Ion Ratio Lower Upper

122 100

105 122.4 101.3 141.3

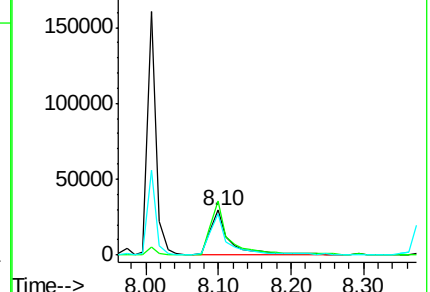
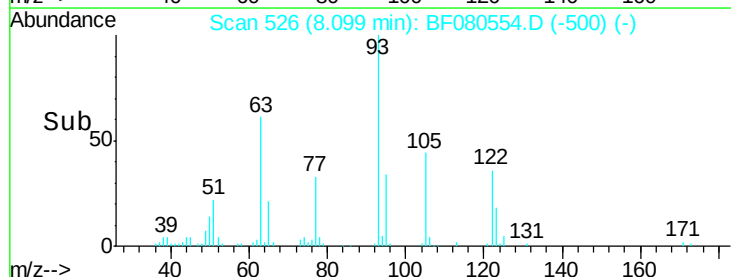
77 94.0 64.1 104.1

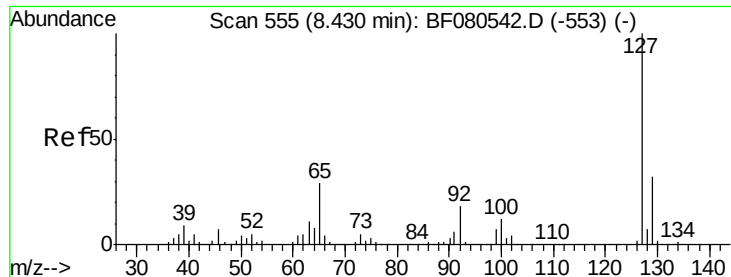


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

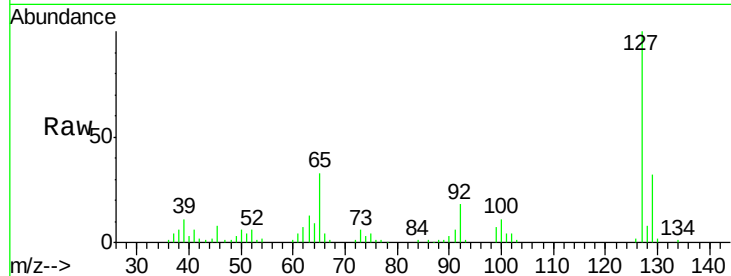




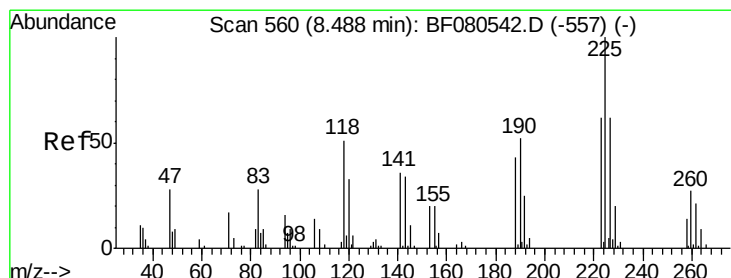
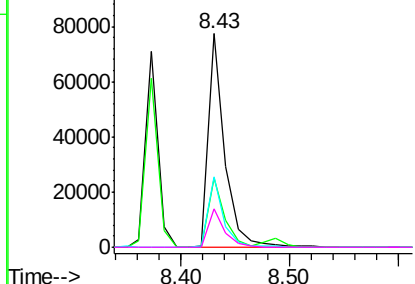
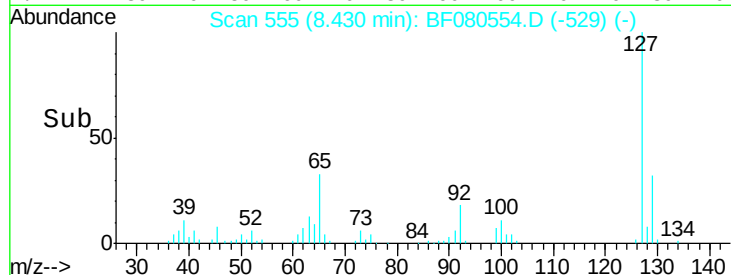
#33
4-Chloroaniline
Concen: 18.56 ng
RT: 8.43 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Tot Ion:	127	Resp:	81713
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	33.2	23.5	35.3
92	18.2	14.2	21.4

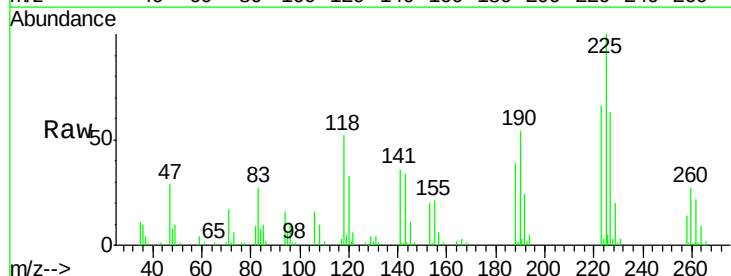


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

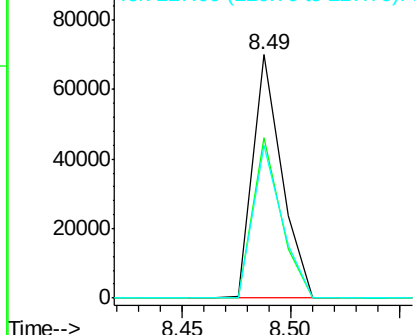
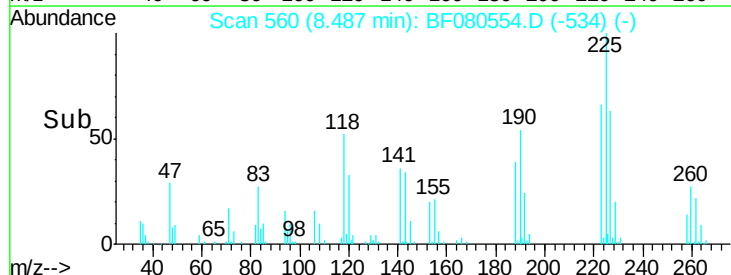


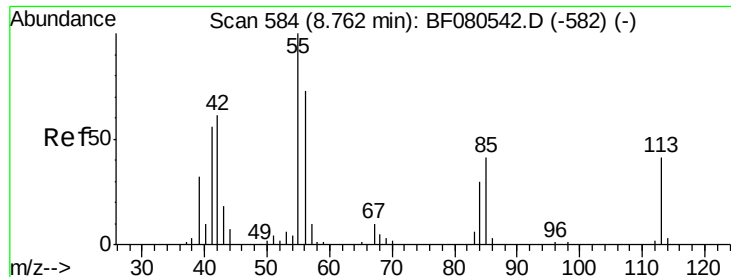
#34
Hexachlorobutadiene
Concen: 38.46 ng
RT: 8.49 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion:	225	Resp:	64550
Ion	Ratio	Lower	Upper
225	100		
223	66.1	49.4	74.2
227	62.8	49.3	73.9



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

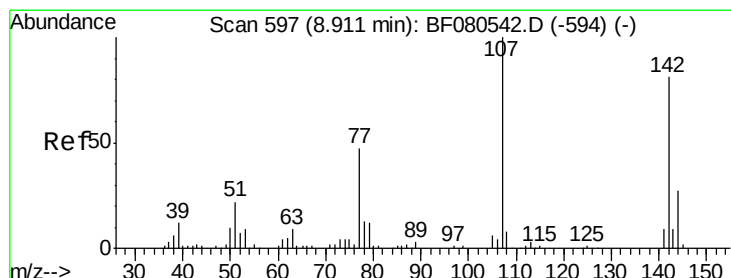
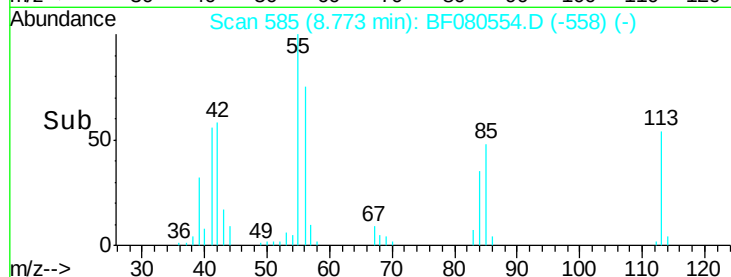
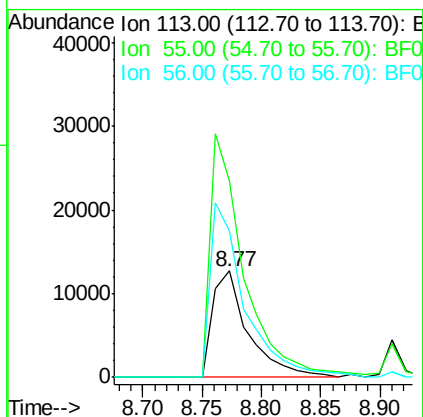
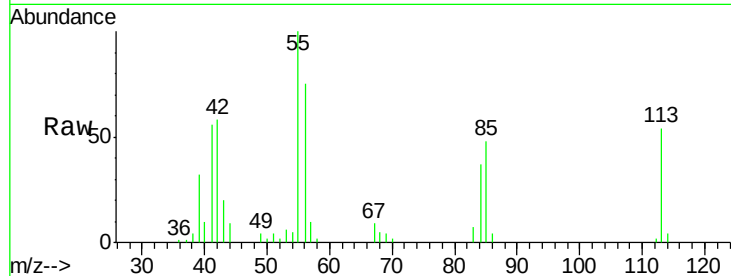




#35
 Caprolactam
 Concen: 40.76 ng
 RT: 8.77 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

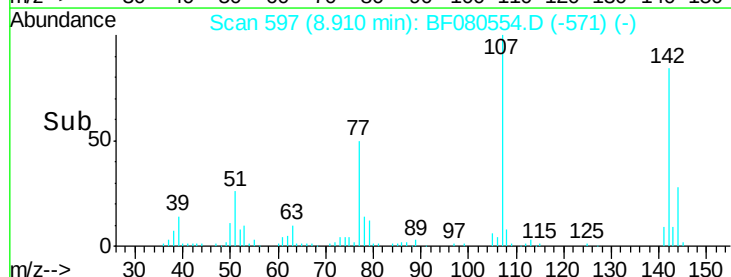
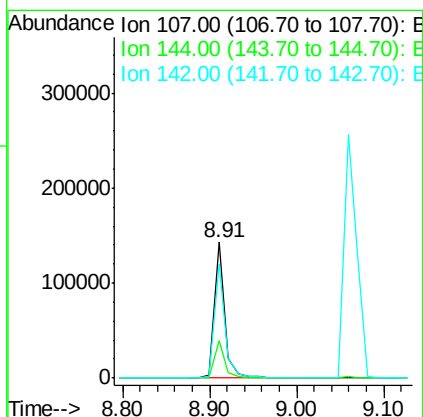
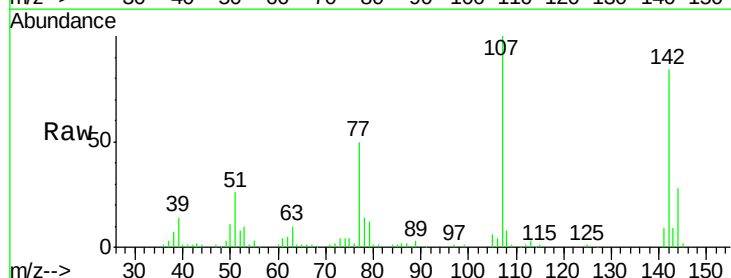
Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

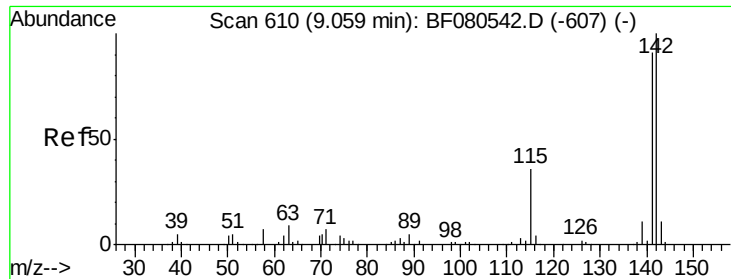
Tot Ion:113 Resp: 26628
 Ion Ratio Lower Upper
 113 100
 55 184.9 225.3 265.3#
 56 138.1 159.9 199.9#



#36
 4-Chloro-3-methylphenol
 Concen: 41.76 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion:107 Resp: 121121
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.4 32.0
 142 83.8 64.4 96.6

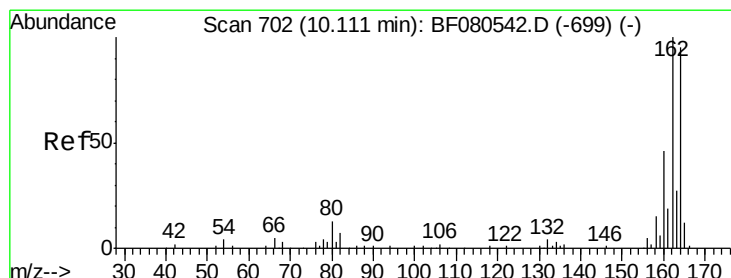
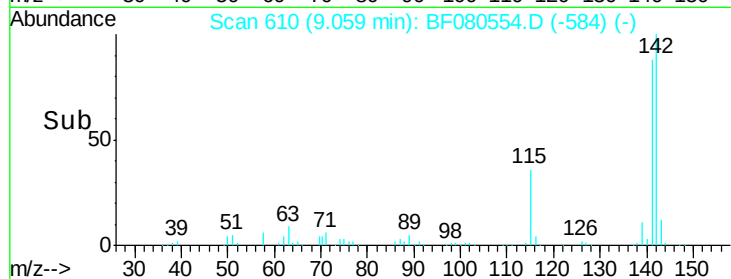
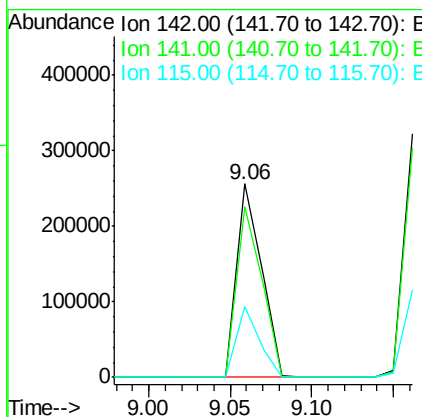
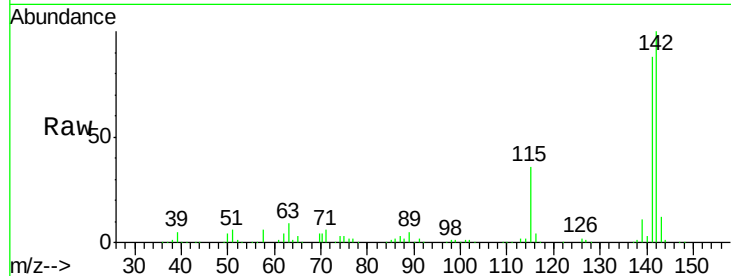




#37
2-Methylnaphthalene
Concen: 39.45 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

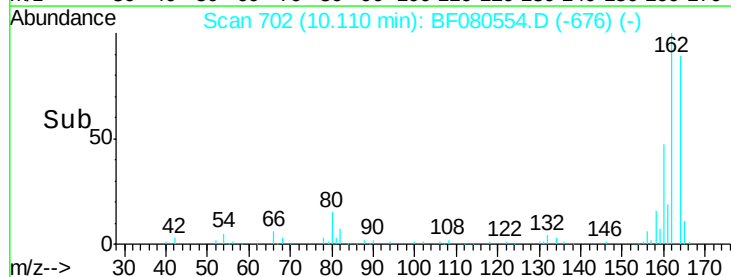
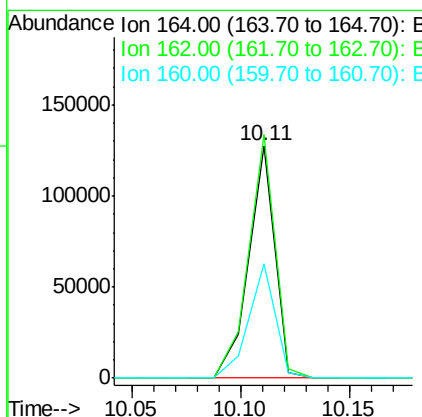
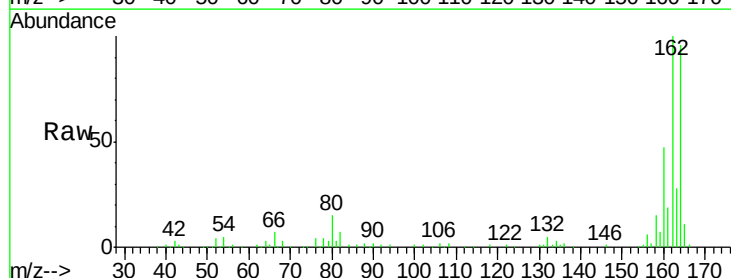
Instrument :
BNA_F
ClientSampleId :
PB84537BS

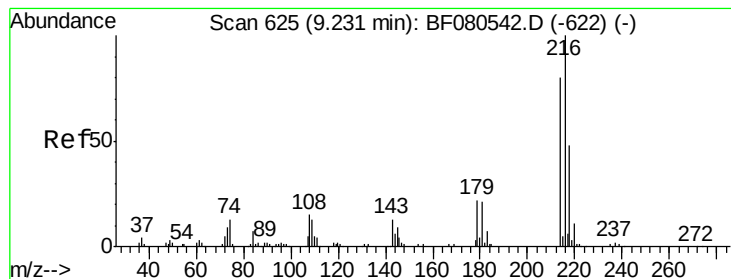
Tot Ion:142 Resp: 267533
Ion Ratio Lower Upper
142 100
141 88.5 72.5 108.7
115 36.5 28.7 43.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion:164 Resp: 106466
Ion Ratio Lower Upper
164 100
162 104.7 84.1 126.1
160 49.2 38.8 58.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.79 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

Tot Ion:216 Resp: 123873

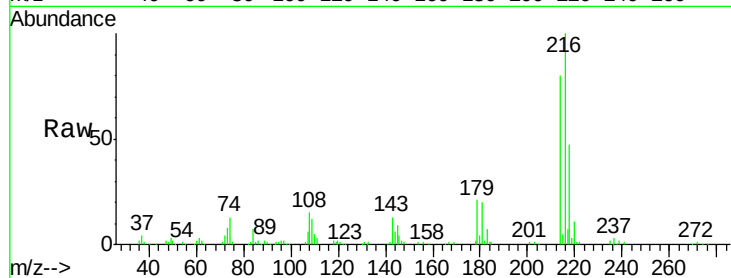
Ion Ratio Lower Upper

216 100

214 79.3 63.6 95.4

179 21.8 18.3 27.5

108 21.5 15.0 22.4

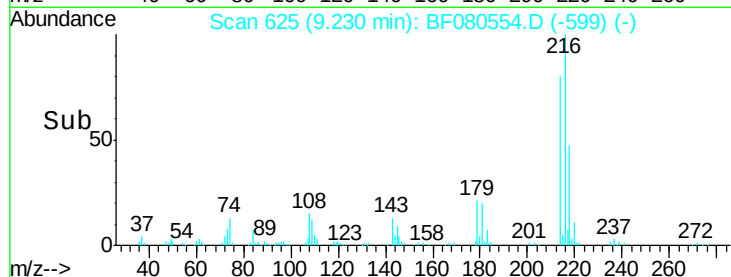


Abundance Ion 216.00 (215.70 to 216.70): E

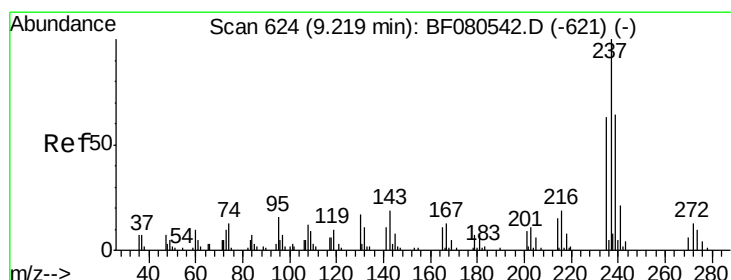
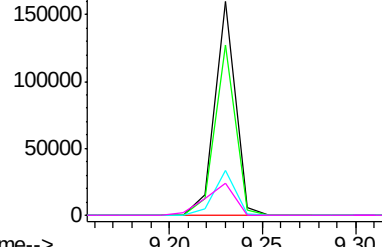
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 84.32 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

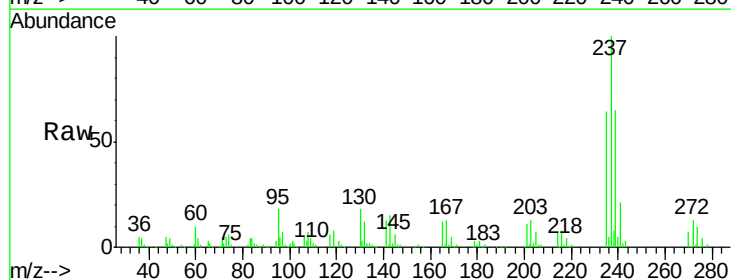
Tgt Ion:237 Resp: 133622

Ion Ratio Lower Upper

237 100

235 63.8 43.1 83.1

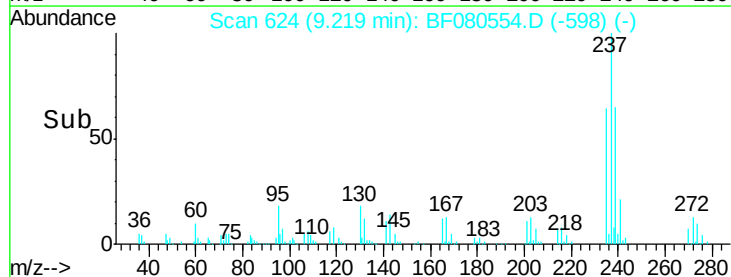
272 12.9 0.0 33.3



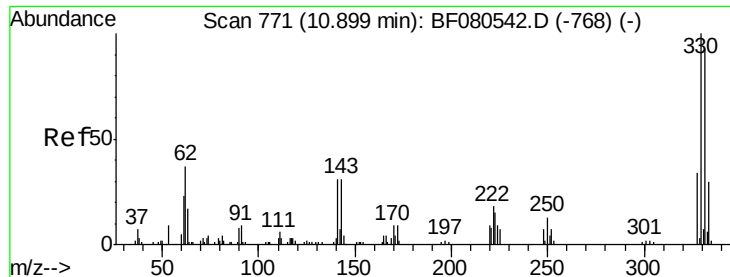
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



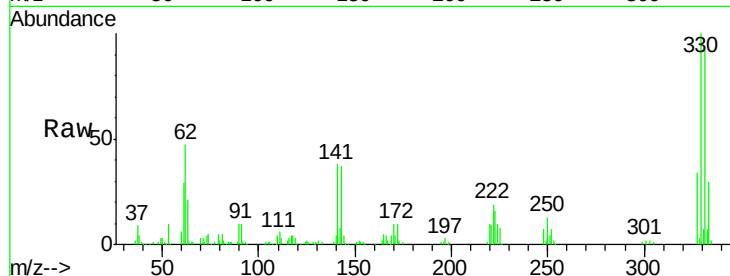
Time-->



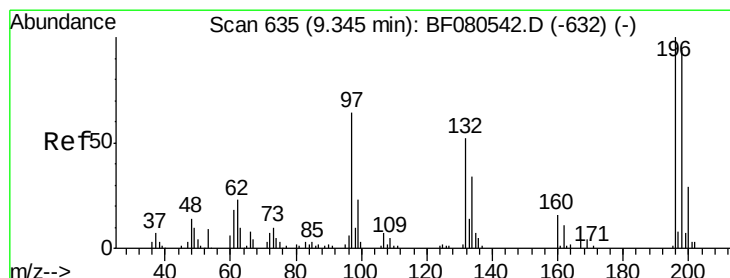
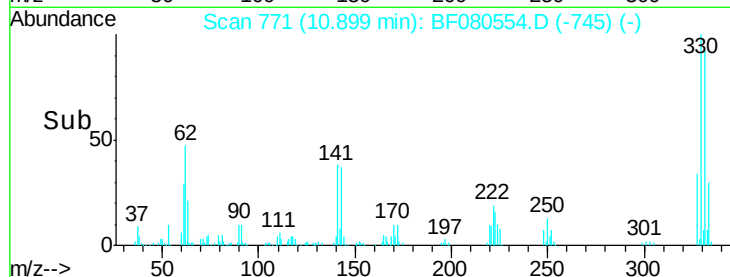
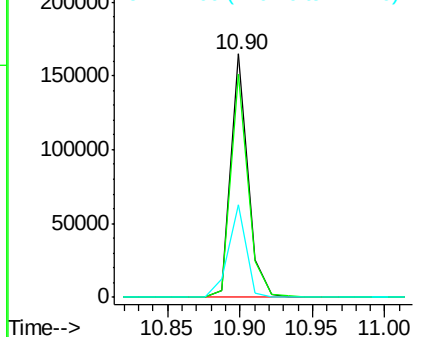
#41
 2,4,6-Tribromophenol
 Concen: 142.48 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	74.3	111.5
141	39.9	29.0	43.4

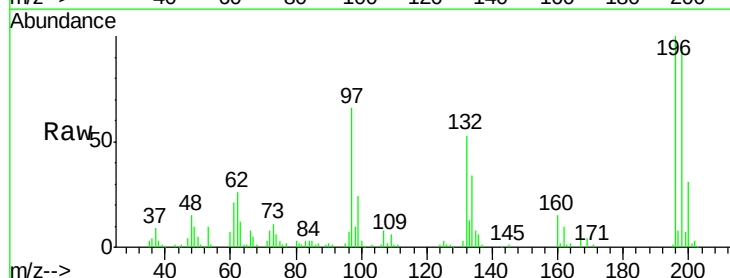


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

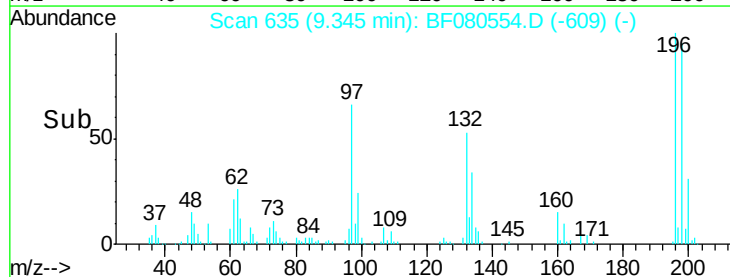
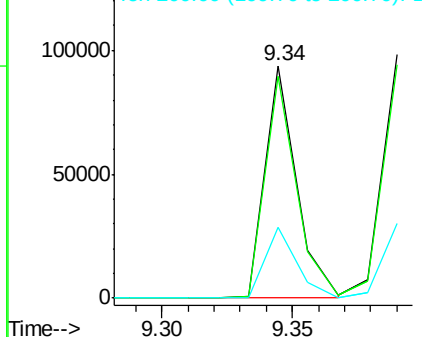


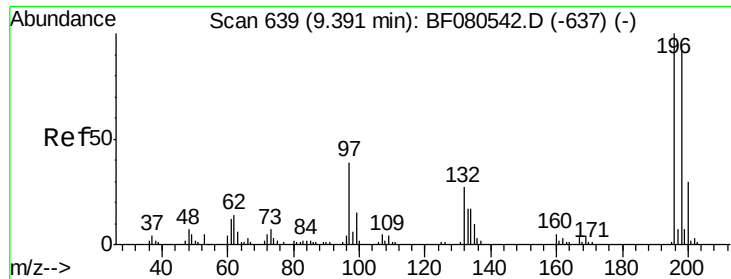
#42
 2,4,6-Trichlorophenol
 Concen: 40.61 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.4	113.2
200	30.5	23.3	34.9



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

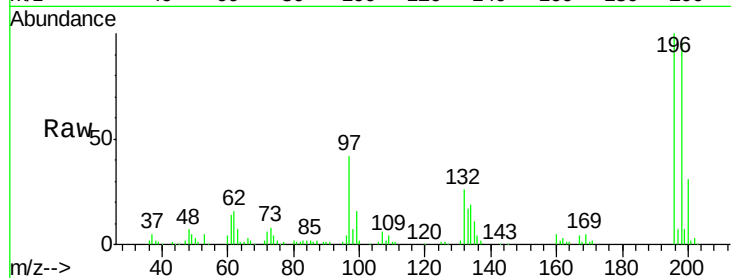




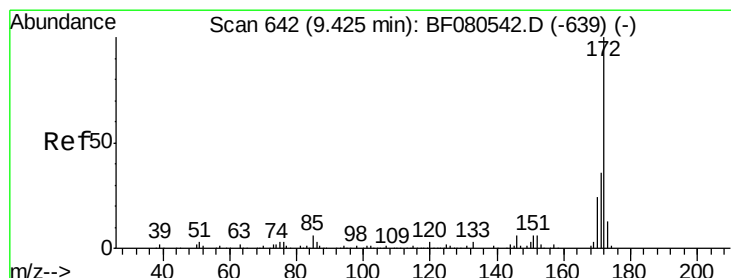
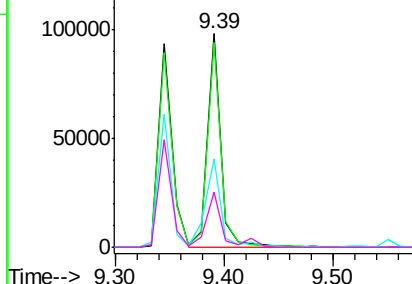
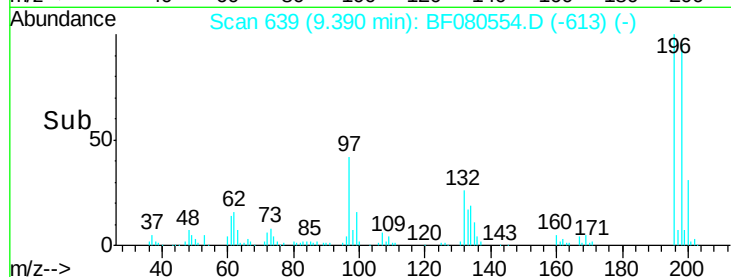
#43
 2,4,5-Trichlorophenol
 Concen: 40.03 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tot Ion:196 Resp: 84818
 Ion Ratio Lower Upper
 196 100
 198 96.1 73.8 110.8
 97 41.6 31.3 46.9
 132 25.8 21.7 32.5

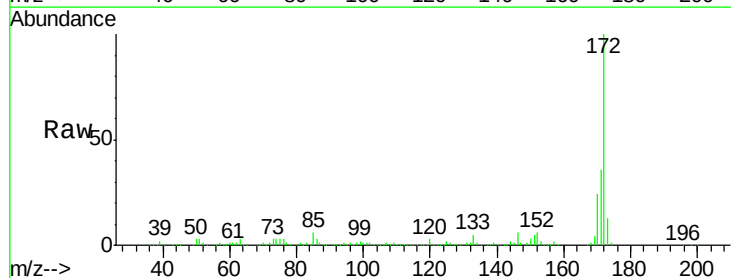


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

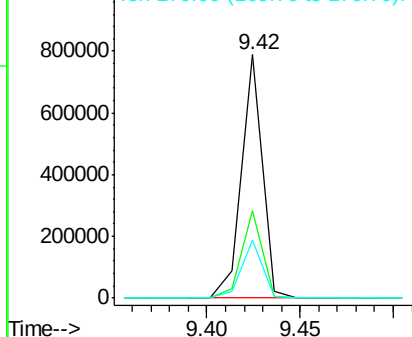
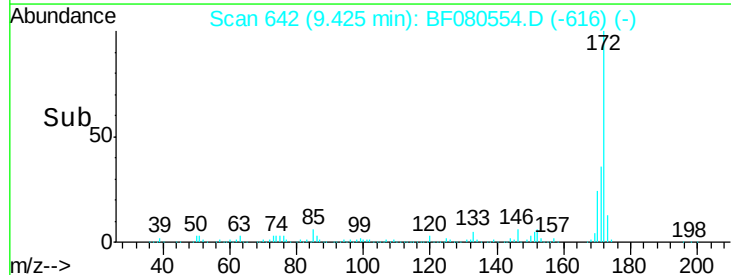


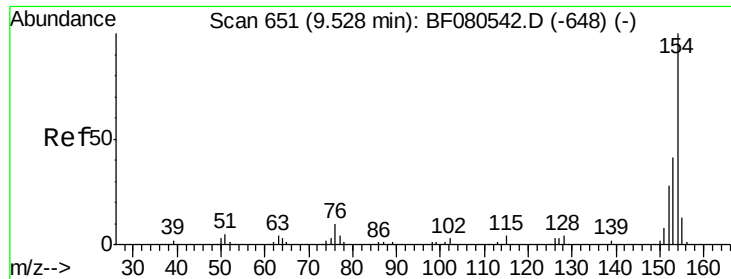
#44
 2-Fluorobiphenyl
 Concen: 81.34 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion:172 Resp: 616576
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.8 43.2
 170 24.1 19.0 28.4



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

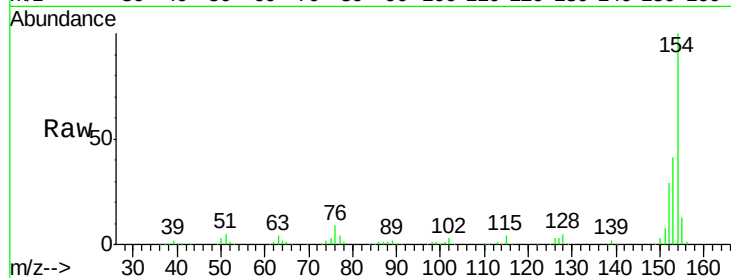




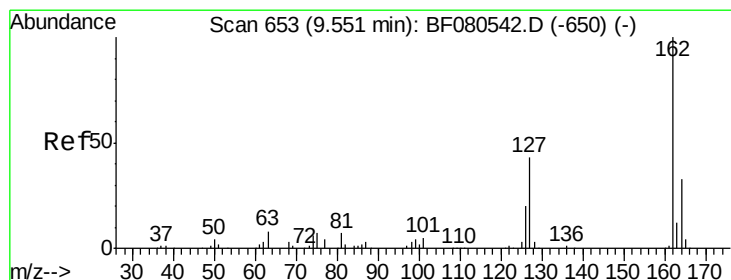
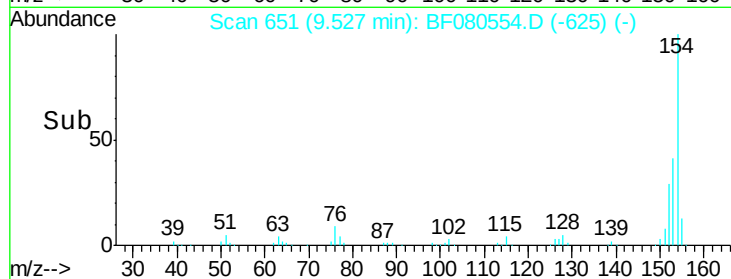
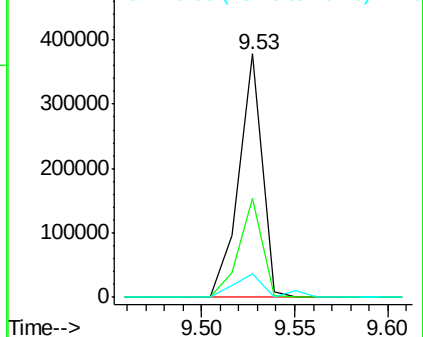
#45
 1,1'-Biphenyl
 Concen: 37.57 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tot Ion:	154	Resp:	331609
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	9.5	0.0	29.6

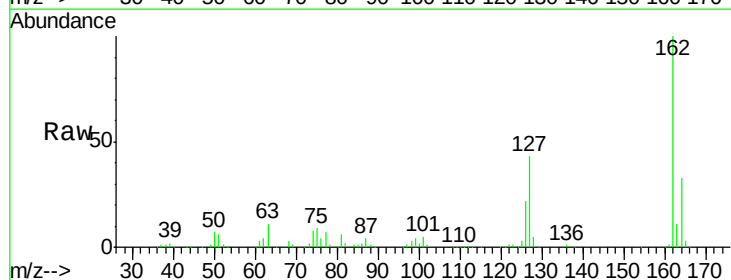


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

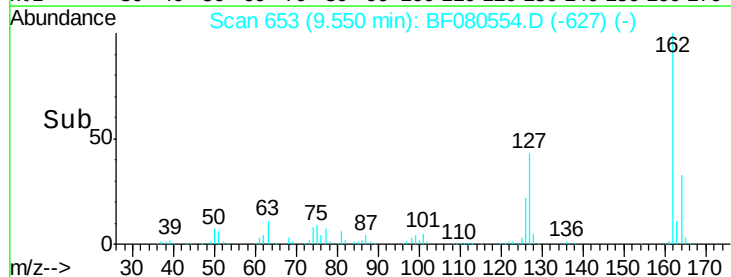
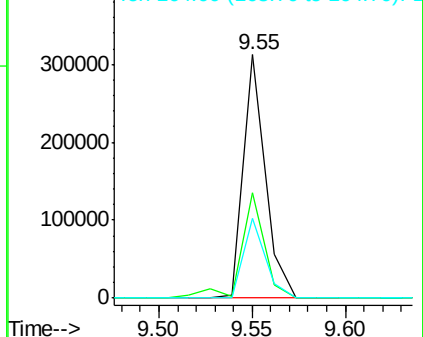


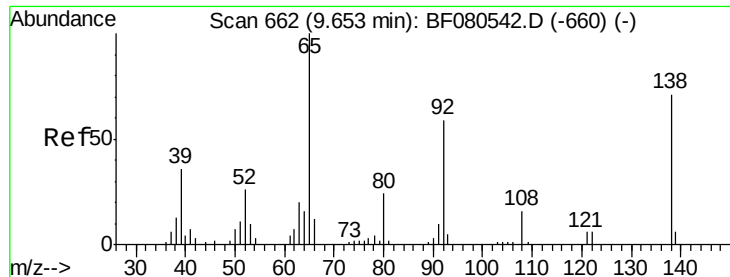
#46
 2-Chloronaphthalene
 Concen: 39.49 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion:	162	Resp:	256834
Ion	Ratio	Lower	Upper
162	100		
127	43.5	35.4	53.2
164	33.0	26.2	39.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.37 ng

RT: 9.65 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

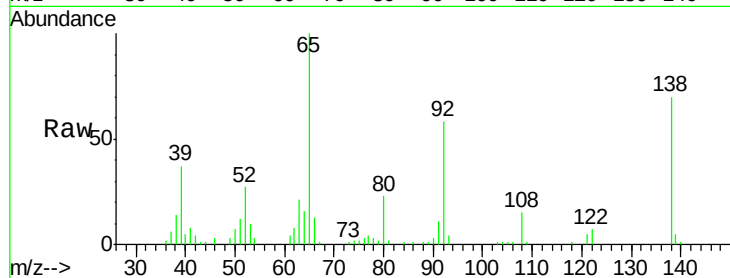
Tot Ion: 65 Resp: 65606

Ion Ratio Lower Upper

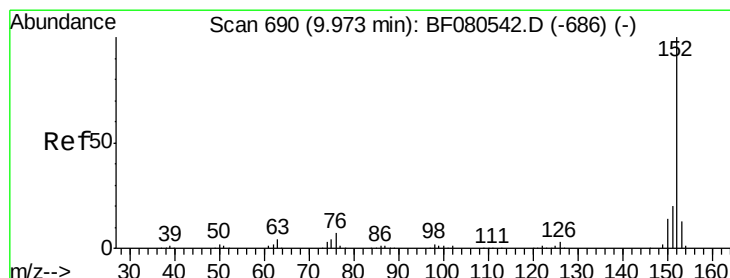
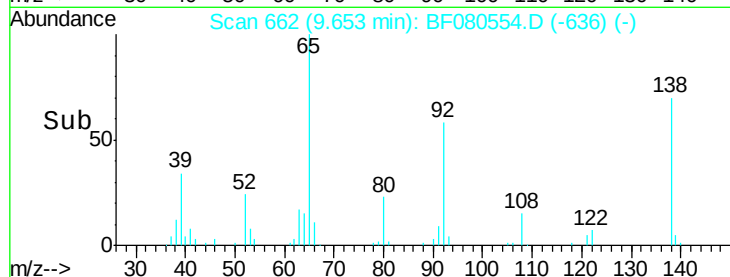
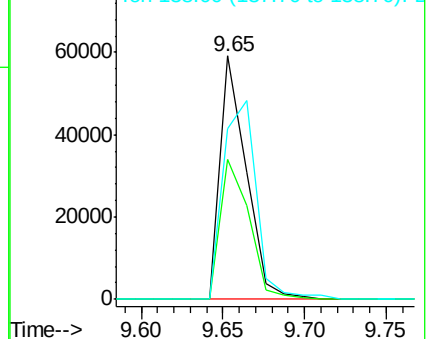
65 100

92 57.6 47.4 71.0

138 70.1 57.1 85.7



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 37.96 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

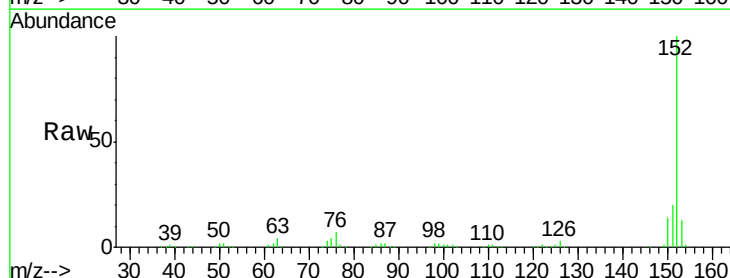
Tgt Ion: 152 Resp: 408817

Ion Ratio Lower Upper

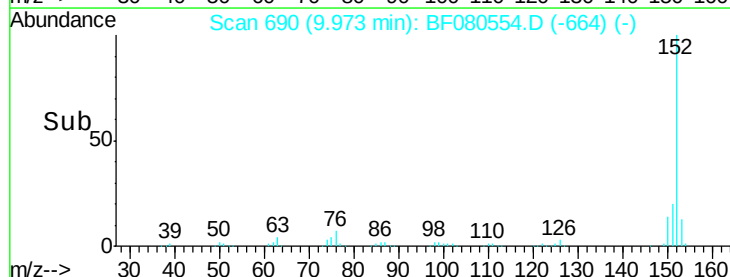
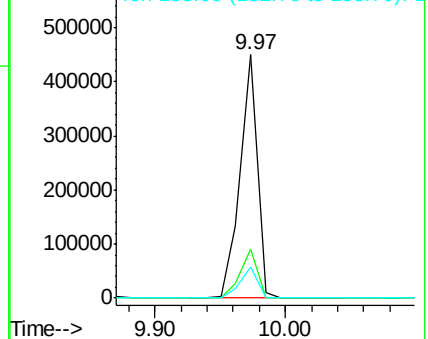
152 100

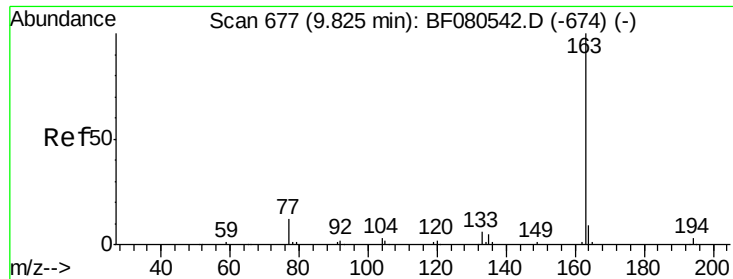
151 20.0 15.8 23.8

153 12.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

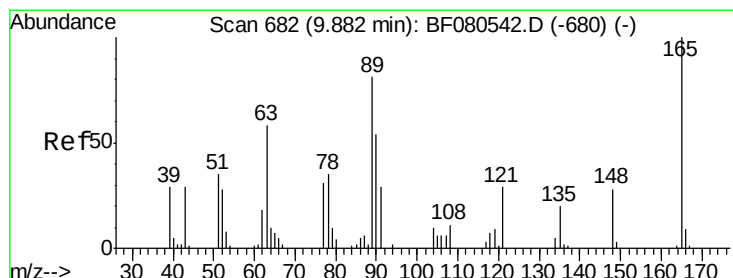
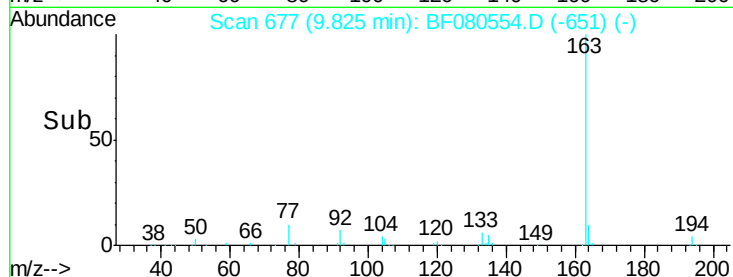
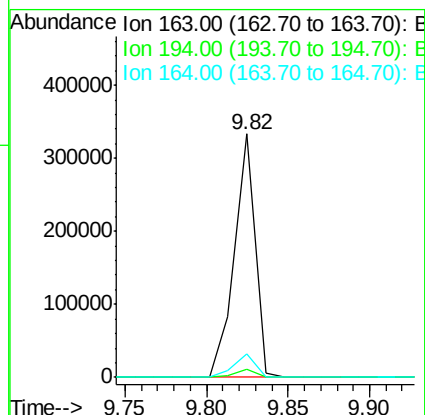
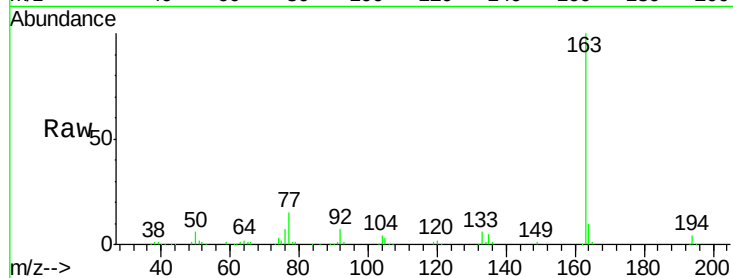




#49
Dimethylphthalate
Concen: 41.09 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

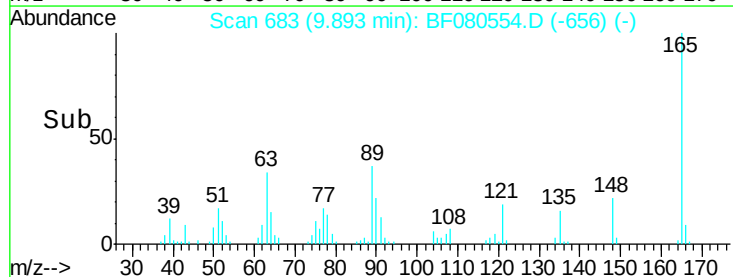
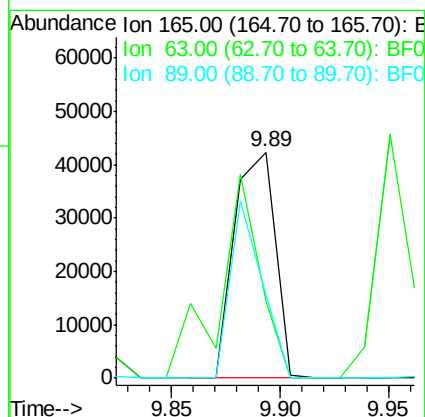
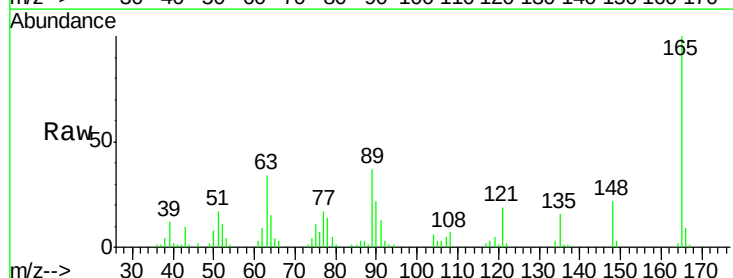
Instrument :
BNA_F
ClientSampleId :
PB84537BS

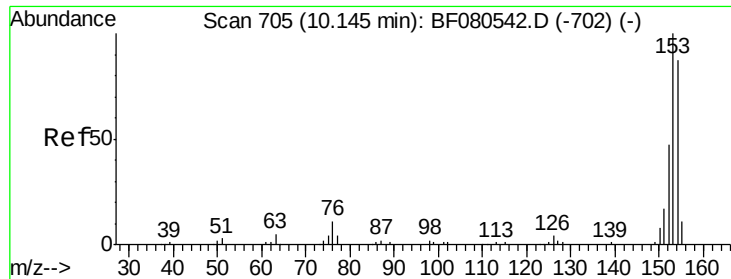
Tot Ion:163 Resp: 291118
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.5 7.4 11.2



#50
2,6-Dinitrotoluene
Concen: 40.34 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion:165 Resp: 54900
Ion Ratio Lower Upper
165 100
63 34.3 74.5 111.7#
89 37.1 64.6 97.0#

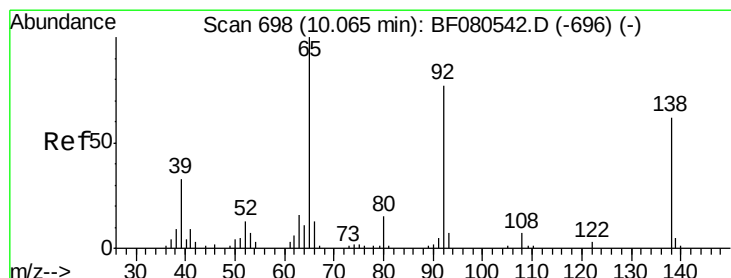
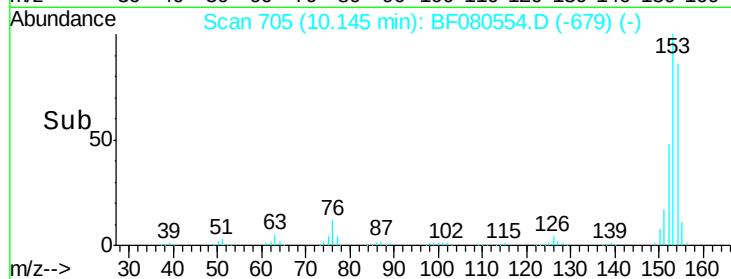
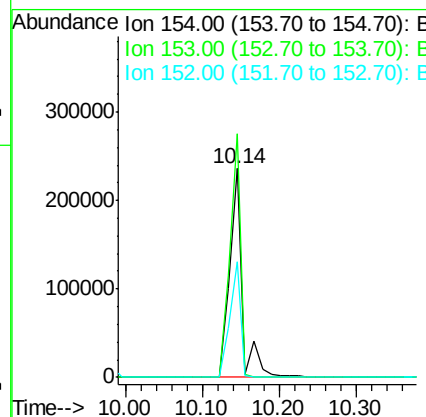
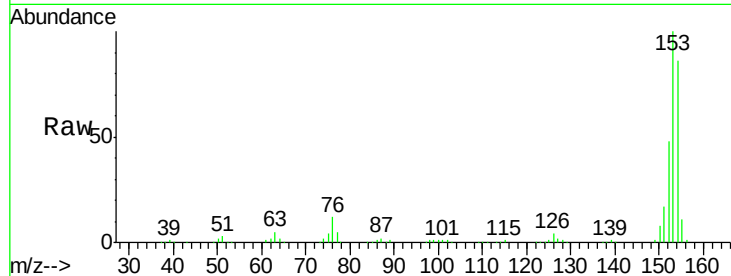




#51
Acenaphthene
Concen: 41.64 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

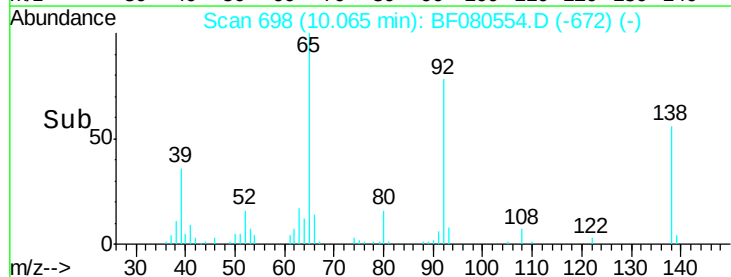
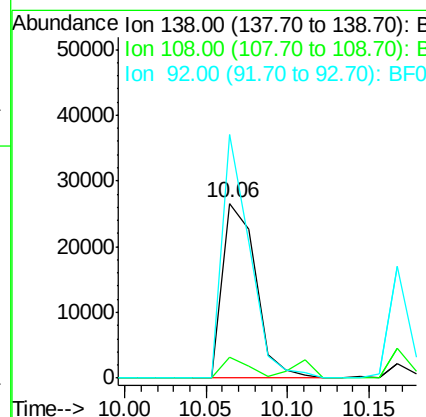
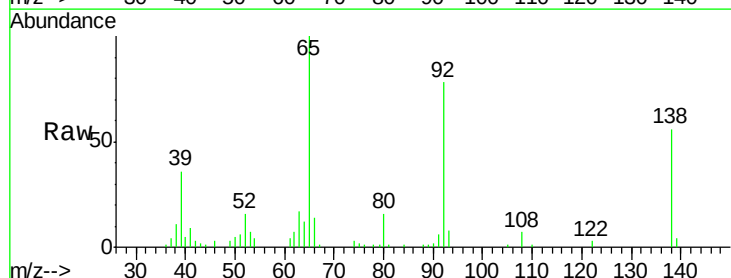
Instrument :
BNA_F
ClientSampleId :
PB84537BS

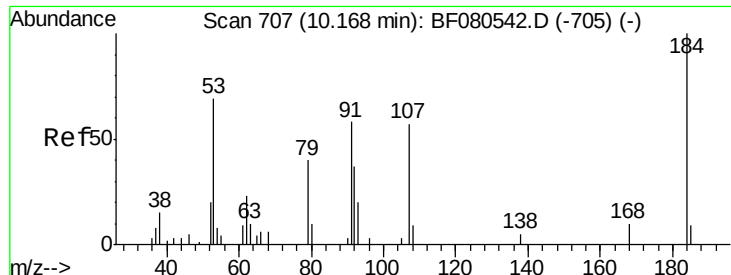
Tot Ion:154 Resp: 274058
Ion Ratio Lower Upper
154 100
153 116.7 92.3 138.5
152 55.7 43.4 65.2



#52
3-Nitroaniline
Concen: 25.81 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion:138 Resp: 37371
Ion Ratio Lower Upper
138 100
108 11.8 8.6 12.8
92 139.3 99.7 149.5

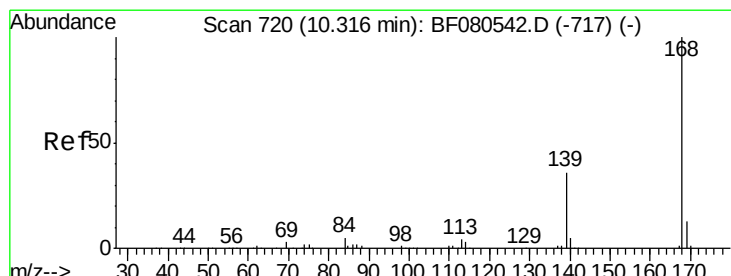
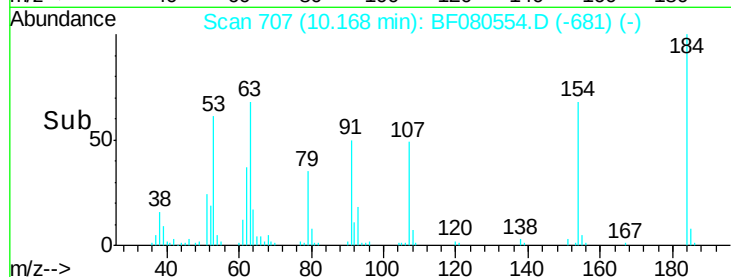
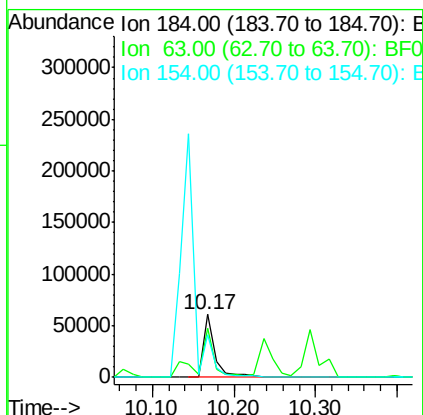
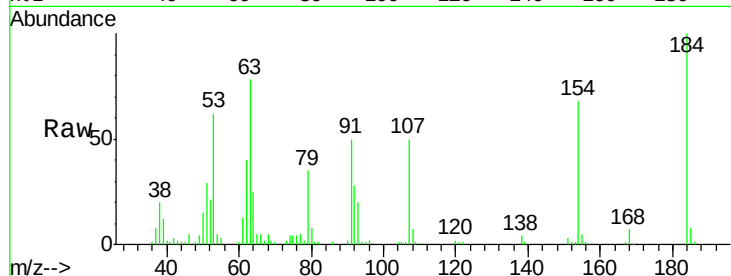




#53
2,4-Dinitrophenol
Concen: 78.20 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

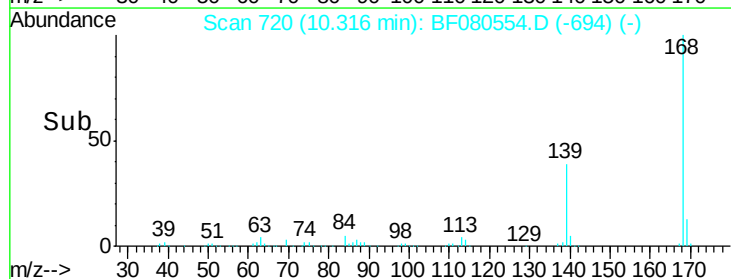
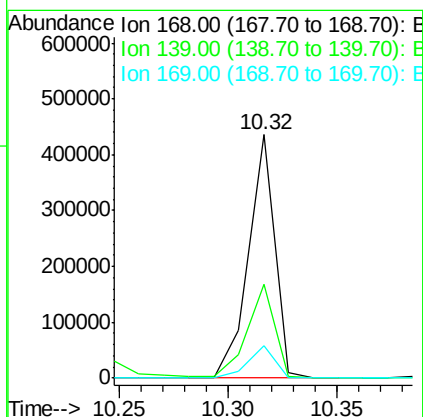
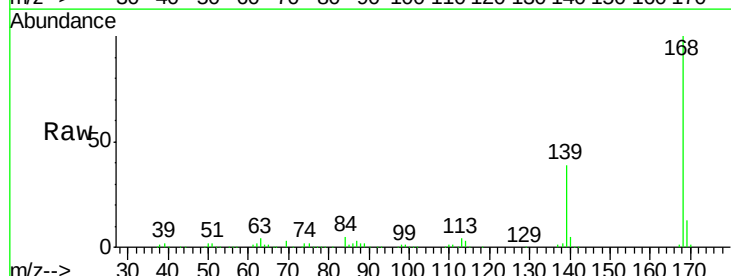
Instrument :
BNA_F
ClientSampleId :
PB84537BS

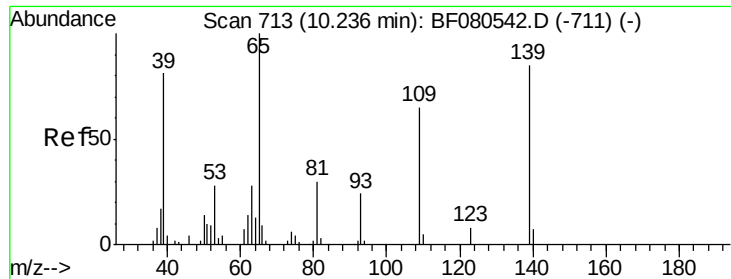
Tot Ion:184 Resp: 62569
Ion Ratio Lower Upper
184 100
63 77.6 74.8 112.2
154 67.7 55.6 83.4



#54
Dibenzofuran
Concen: 39.84 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion:168 Resp: 365054
Ion Ratio Lower Upper
168 100
139 38.6 29.0 43.4
169 13.4 10.6 15.8

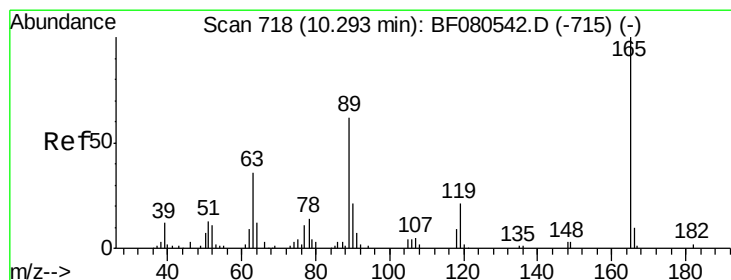
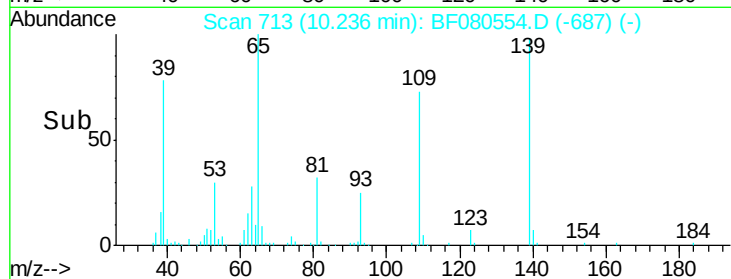
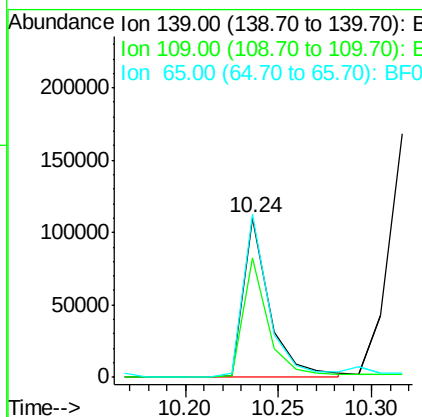
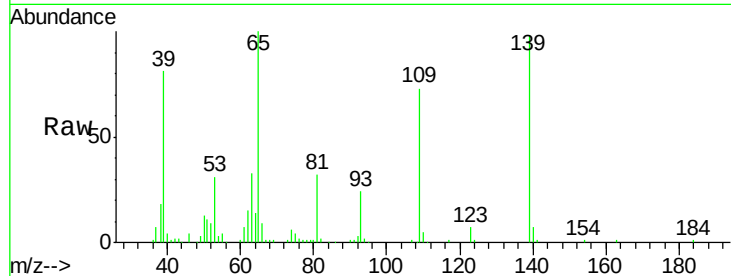




#55
4-Nitrophenol
Concen: 80.64 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

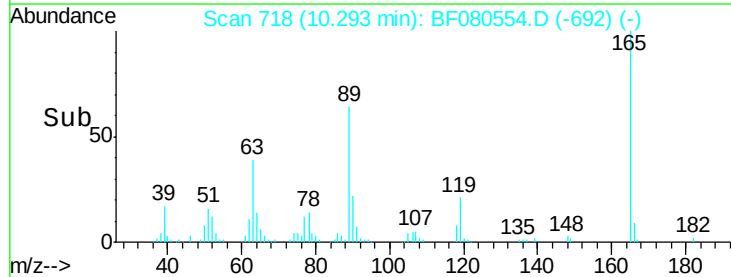
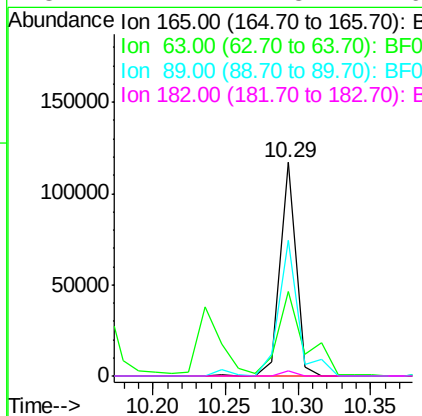
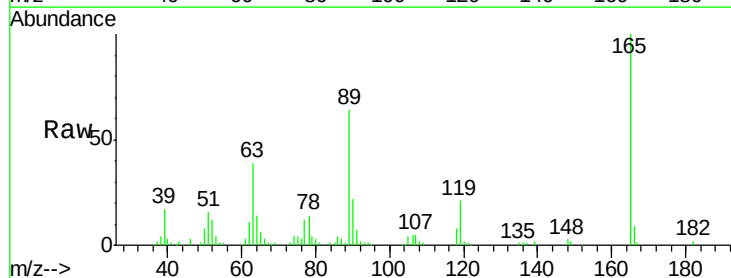
Instrument :
BNA_F
ClientSampleId :
PB84537BS

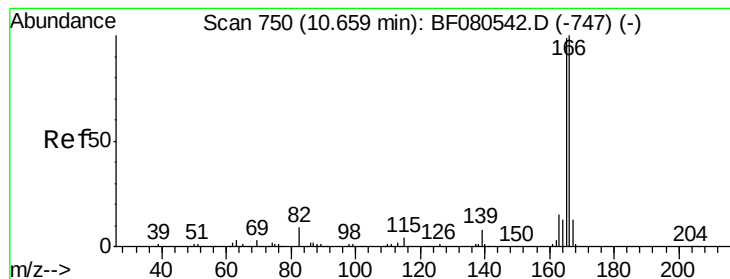
Tot Ion:139 Resp: 108522
Ion Ratio Lower Upper
139 100
109 74.9 56.0 96.0
65 102.5 97.3 137.3



#56
2,4-Dinitrotoluene
Concen: 42.47 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion:165 Resp: 89829
Ion Ratio Lower Upper
165 100
63 39.3 30.2 45.4
89 63.5 49.9 74.9
182 2.2 1.8 2.6





#57

Fluorene

Concen: 38.89 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

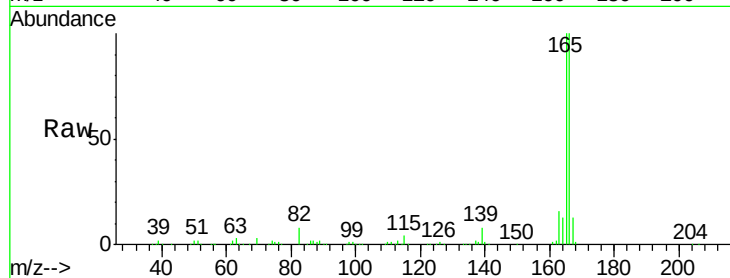
Tot Ion:166 Resp: 282410

Ion Ratio Lower Upper

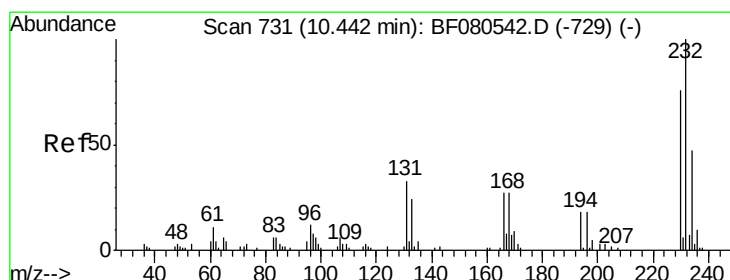
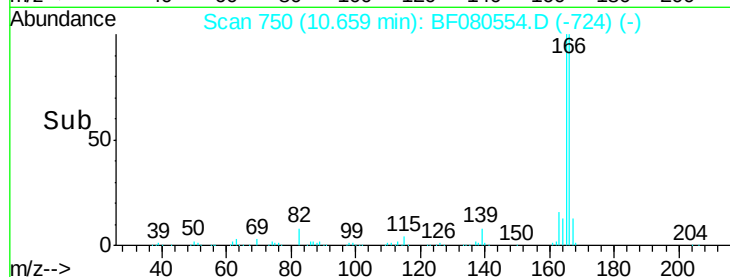
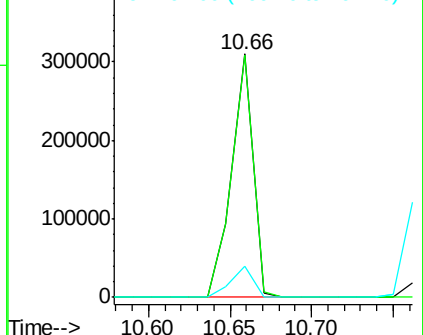
166 100

165 99.5 79.0 118.4

167 13.0 10.1 15.1



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: 44.35 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion:232 Resp: 63390

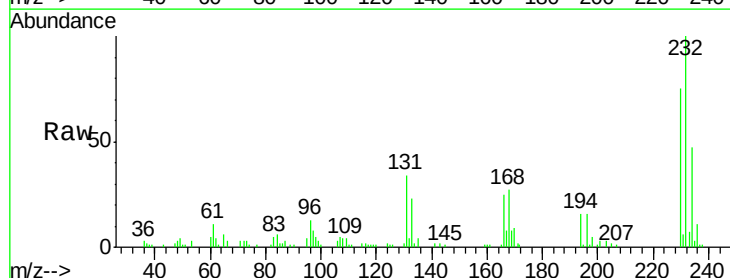
Ion Ratio Lower Upper

232 100

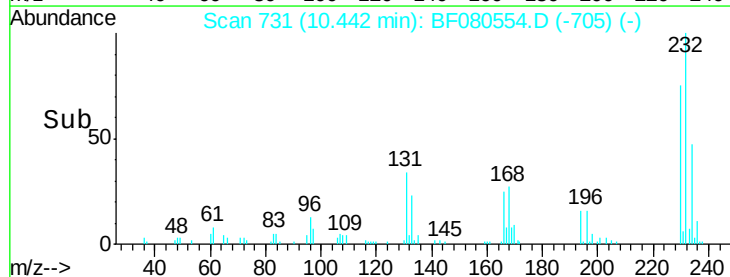
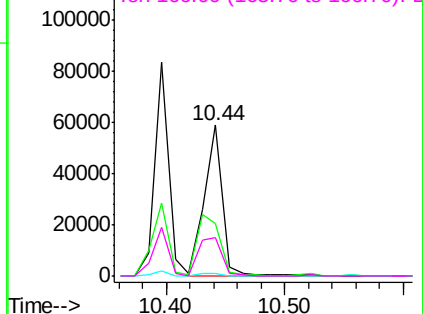
131 50.8 42.7 64.1

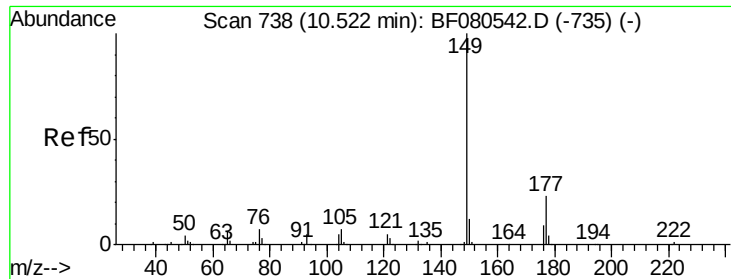
130 2.6 1.8 2.6

166 32.6 27.6 41.4



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

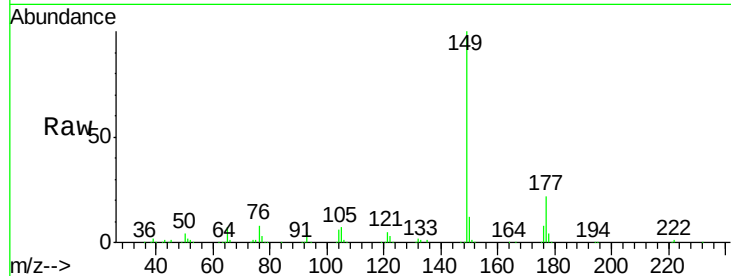




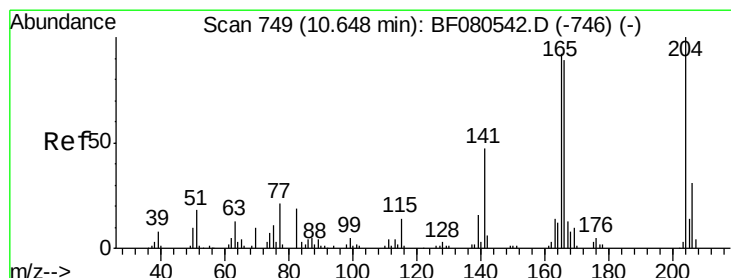
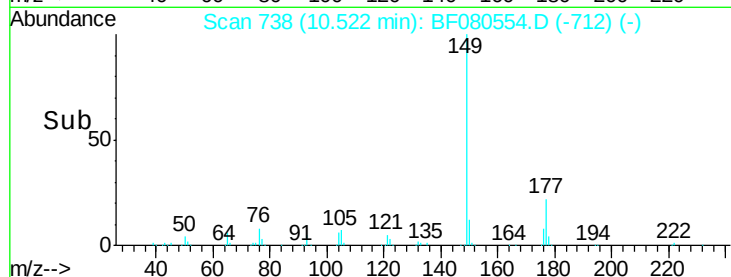
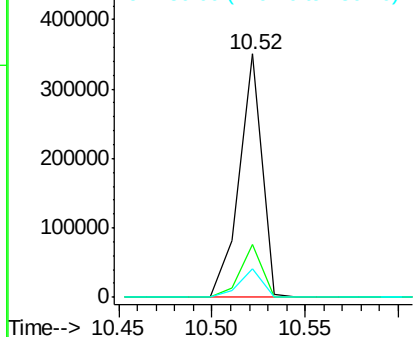
#59
Diethylphthalate
Concen: 44.82 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Tot Ion:149 Resp: 299728
Ion Ratio Lower Upper
149 100
177 21.6 18.4 27.6
150 12.0 9.6 14.4

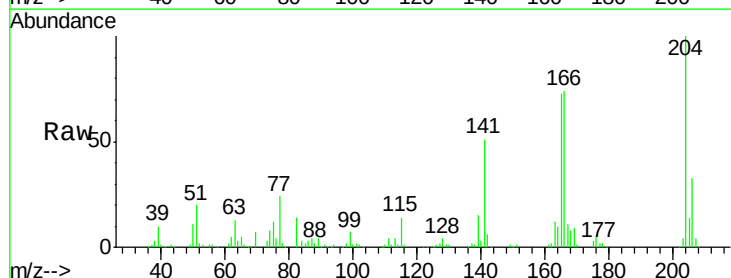


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

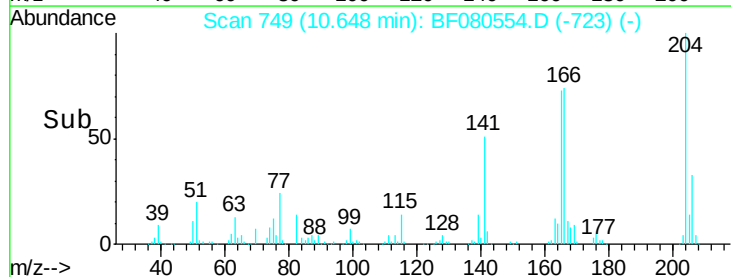
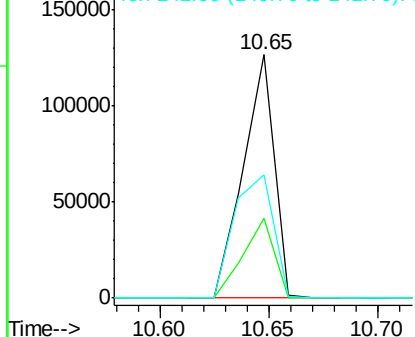


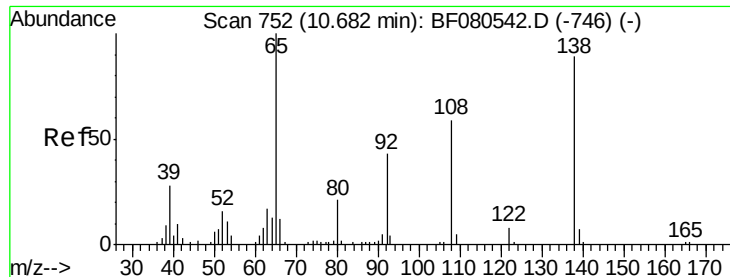
#60
4-Chlorophenyl-phenylether
Concen: 38.50 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion:204 Resp: 125205
Ion Ratio Lower Upper
204 100
206 32.8 24.9 37.3
141 50.6 37.9 56.9



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

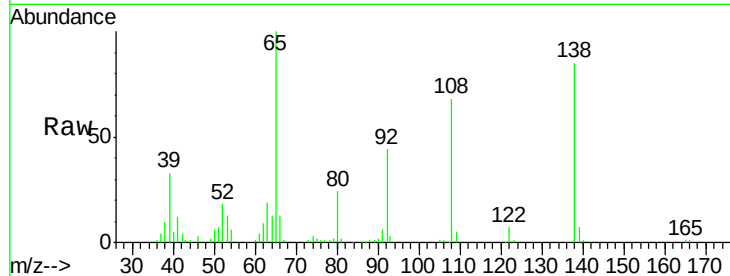




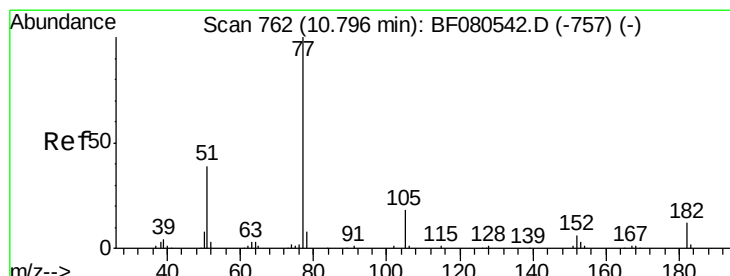
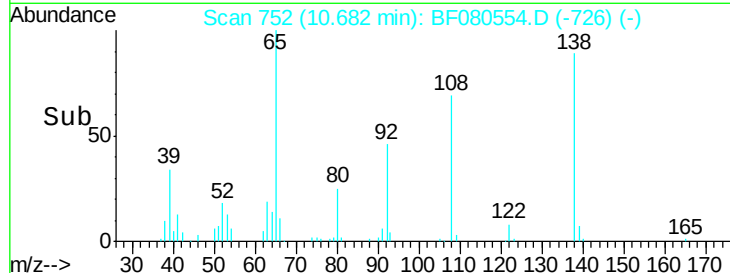
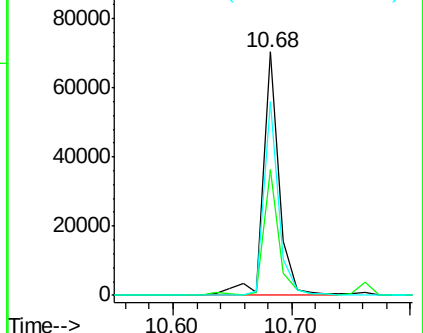
#61
4-Nitroaniline
Concen: 39.37 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Tot Ion:138 Resp: 65837
Ion Ratio Lower Upper
138 100
92 51.8 28.9 68.9
108 79.8 46.9 86.9

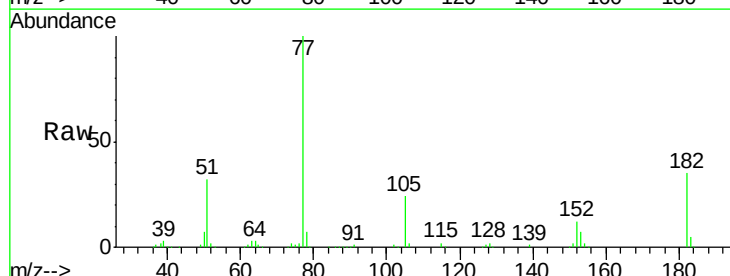


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

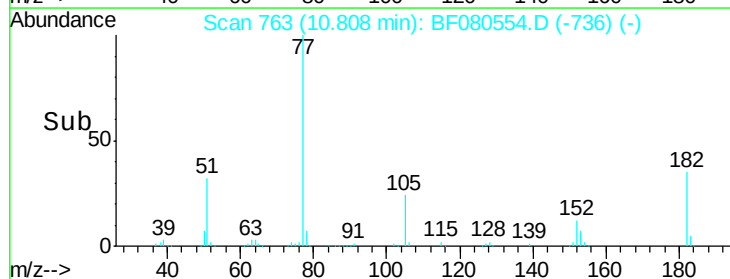
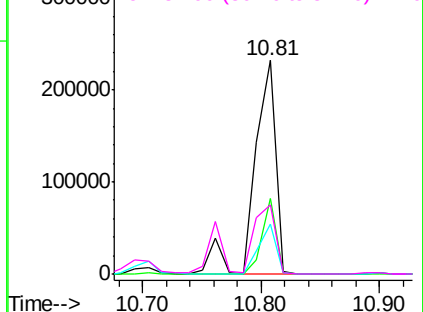


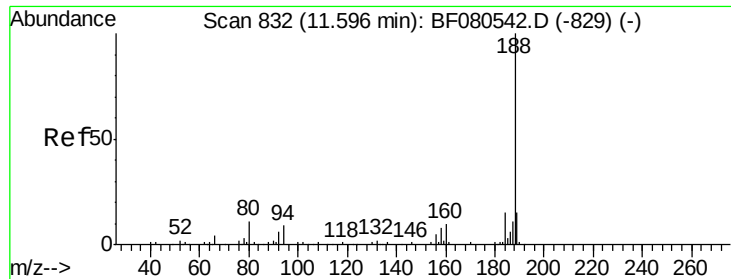
#62
Azobenzene
Concen: 43.18 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion: 77 Resp: 290609
Ion Ratio Lower Upper
77 100
182 35.5 0.0 31.9#
105 23.6 0.0 38.0
51 32.3 19.8 59.8



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

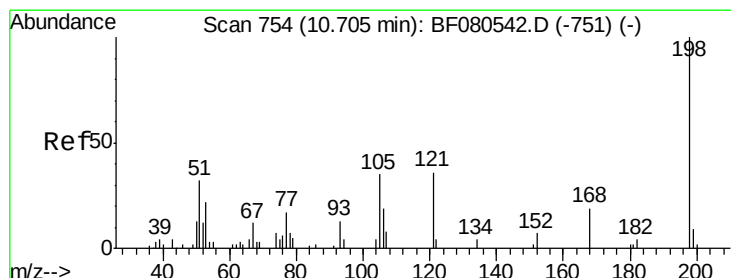
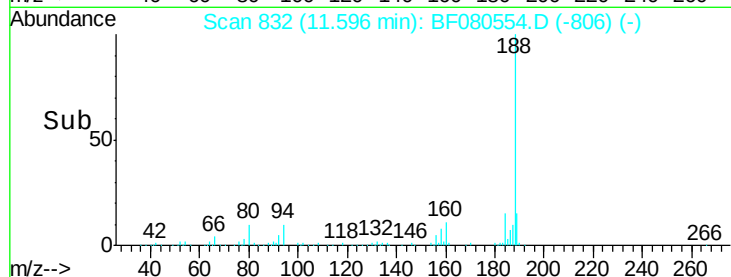
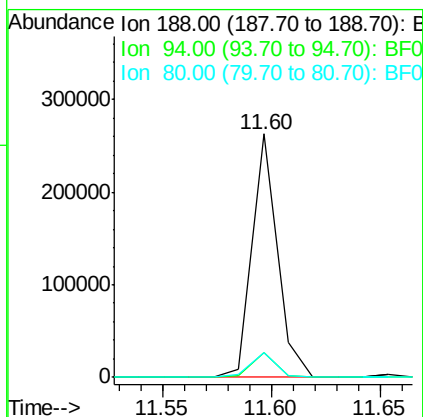
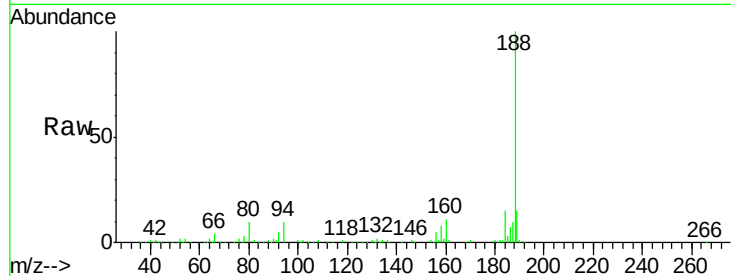




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

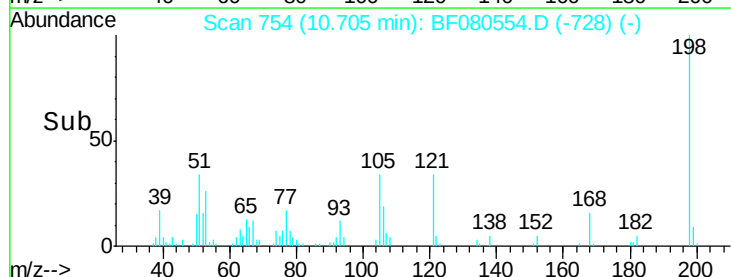
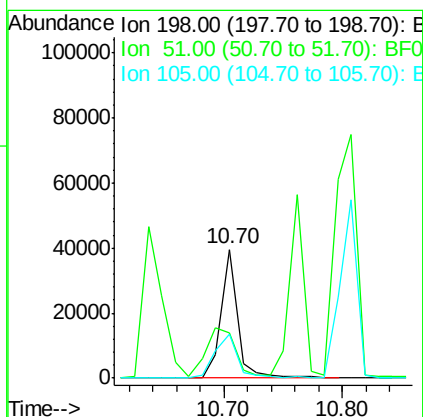
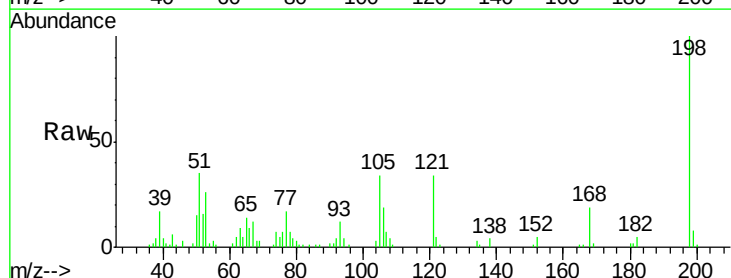
Instrument :
BNA_F
ClientSampleId :
PB84537BS

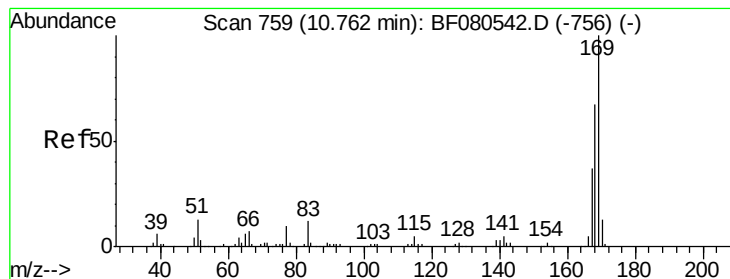
Tot Ion:188 Resp: 212856
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 10.2 8.6 12.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.21 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion:198 Resp: 37832
Ion Ratio Lower Upper
198 100
51 34.6 16.0 56.0
105 33.9 15.1 55.1





#65

n-Nitrosodiphenylamine

Concen: 36.48 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

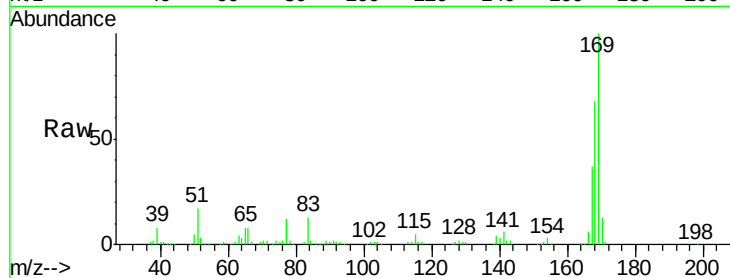
Tot Ion:169 Resp: 255811

Ion Ratio Lower Upper

169 100

168 68.0 53.3 79.9

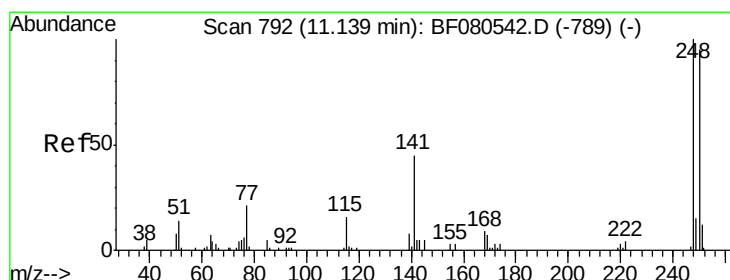
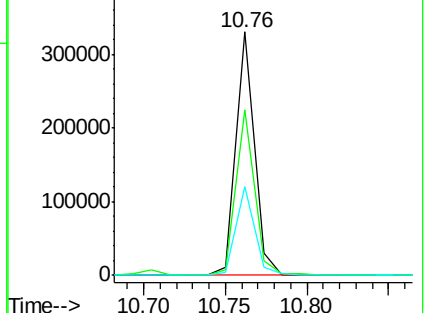
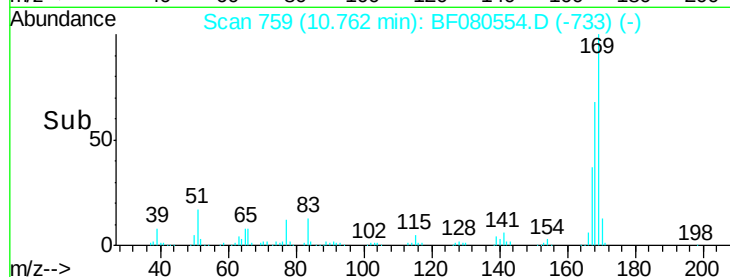
167 36.7 29.3 43.9



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: 37.36 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

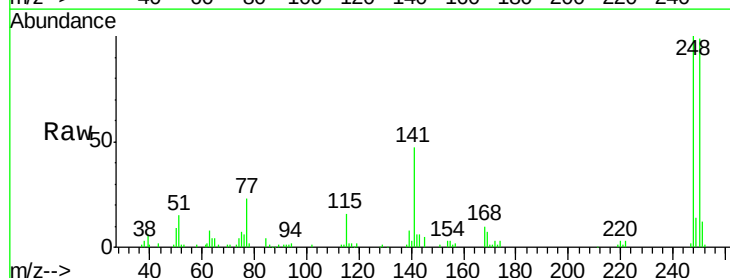
Tgt Ion:248 Resp: 72891

Ion Ratio Lower Upper

248 100

250 98.5 76.4 114.6

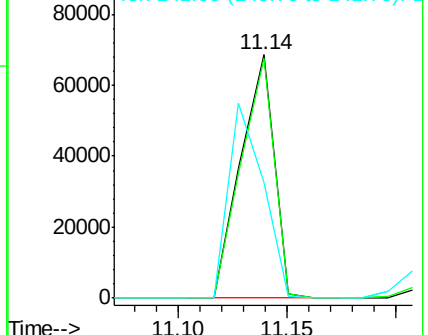
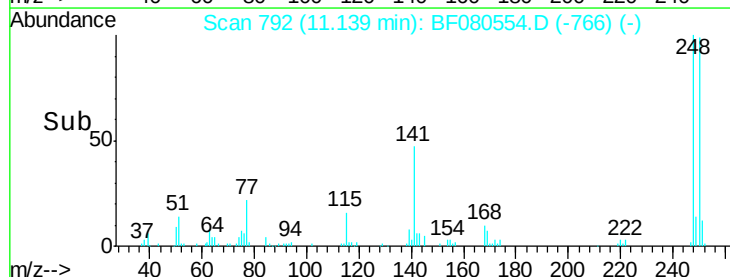
141 47.4 36.0 54.0

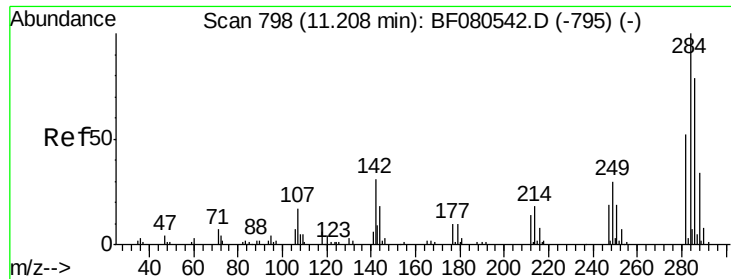


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.93 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

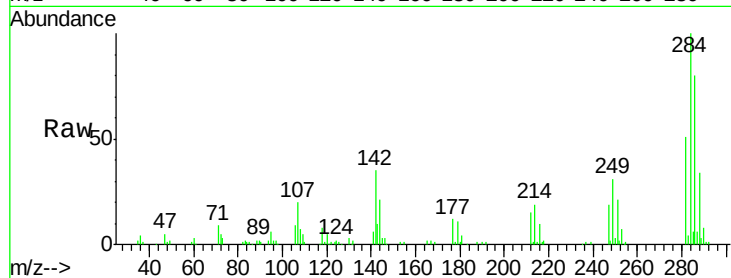
Tot Ion:284 Resp: 92125

Ion Ratio Lower Upper

284 100

142 34.6 24.8 37.2

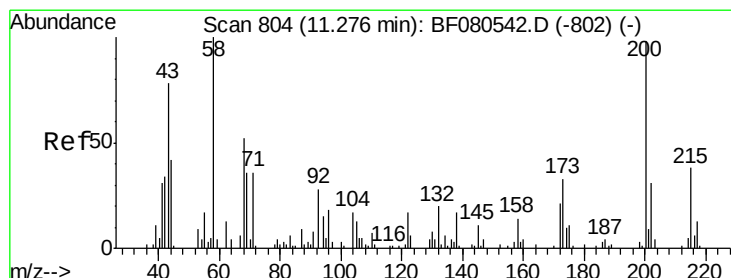
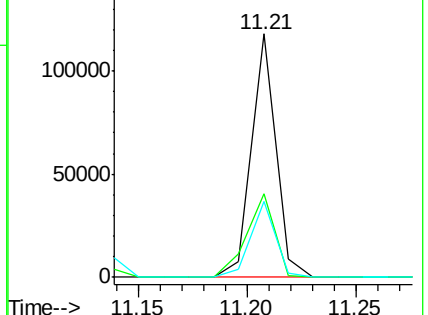
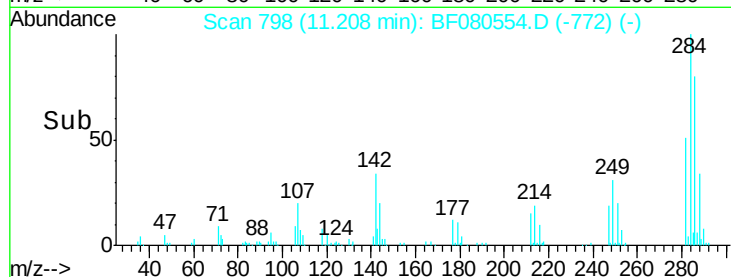
249 31.1 24.2 36.2



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: 41.41 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

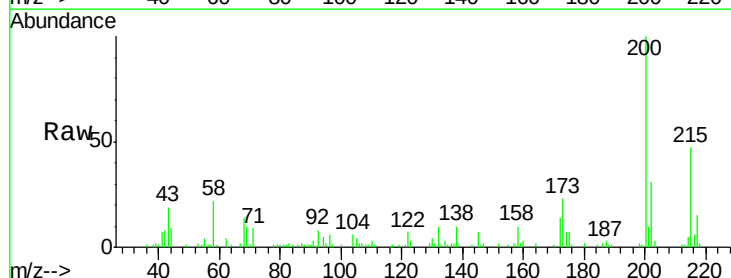
Tgt Ion:200 Resp: 68715

Ion Ratio Lower Upper

200 100

173 22.8 13.2 53.2

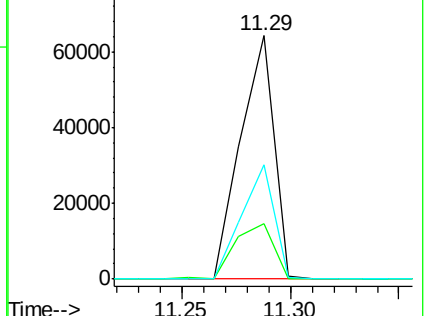
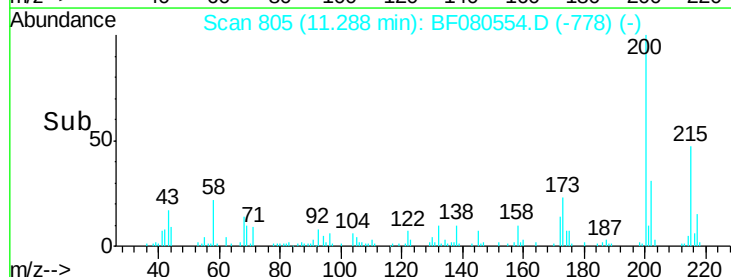
215 46.8 18.7 58.7

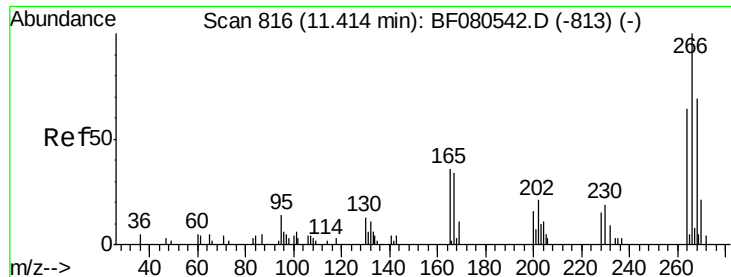


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

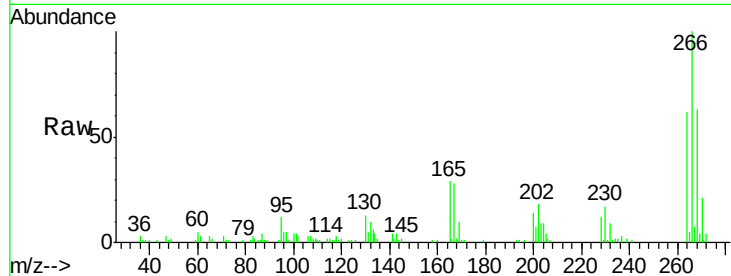




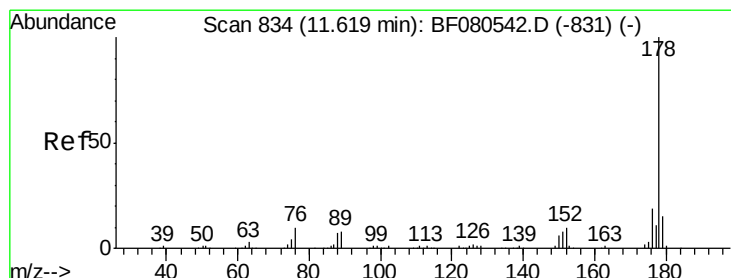
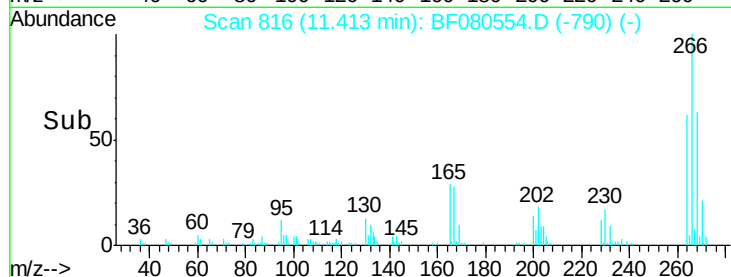
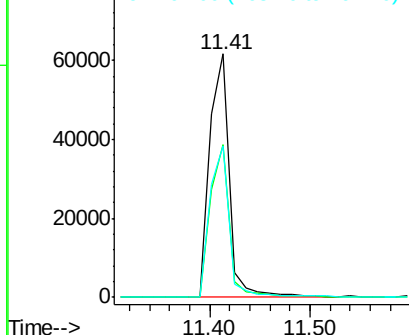
#69
 Pentachlorophenol
 Concen: 69.94 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tot Ion:266 Resp: 83438
 Ion Ratio Lower Upper
 266 100
 268 62.8 55.0 82.6
 264 62.2 51.4 77.0

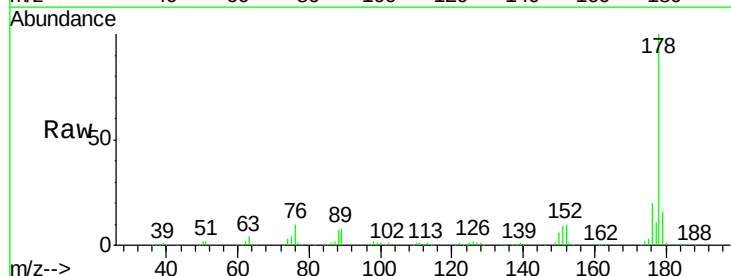


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

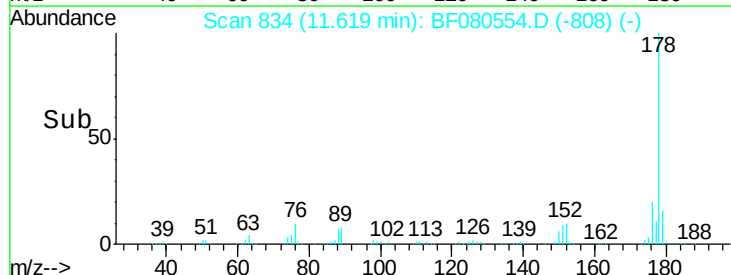
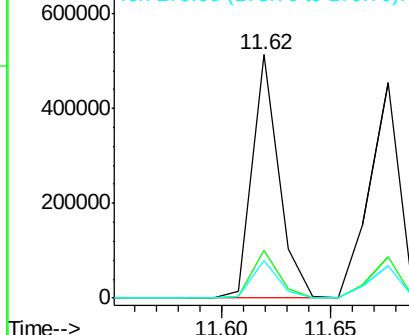


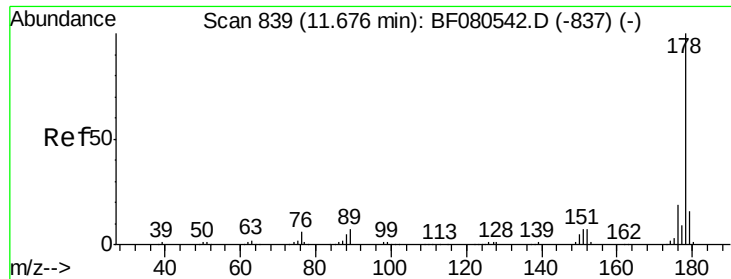
#70
 Phenanthrene
 Concen: 37.53 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion:178 Resp: 435228
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.1 22.7
 179 15.6 12.0 18.0



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

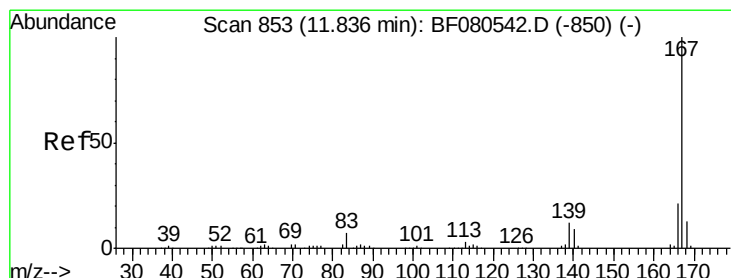
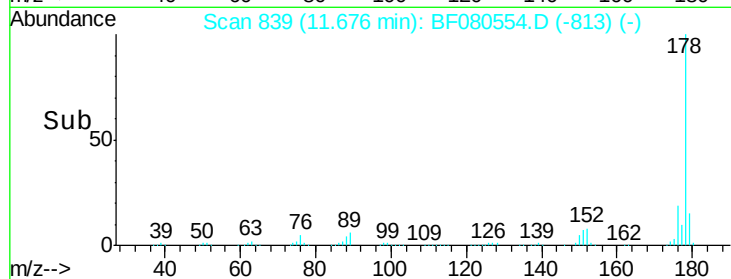
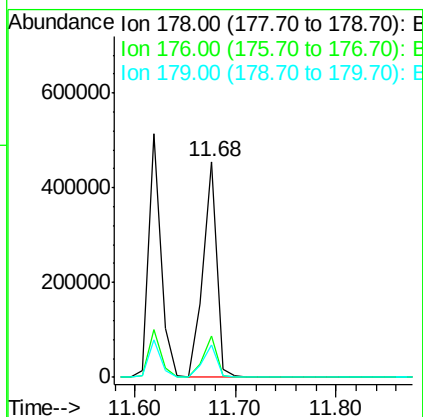
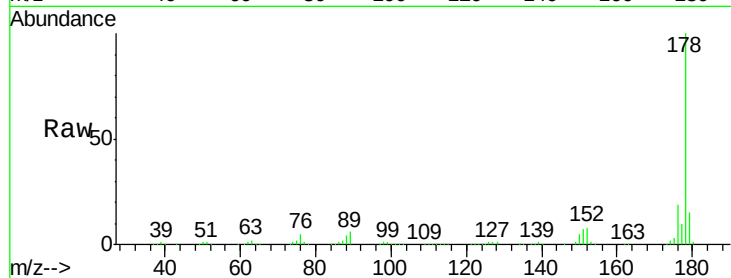




#71
 Anthracene
 Concen: 38.70 ng
 RT: 11.68 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

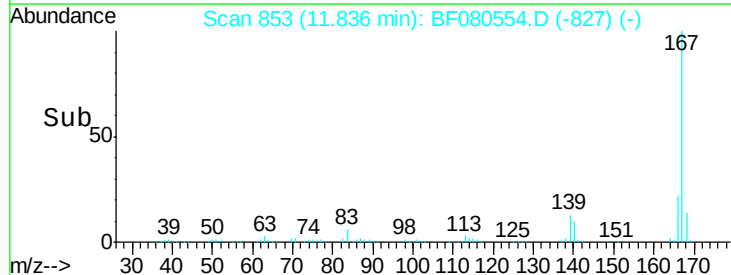
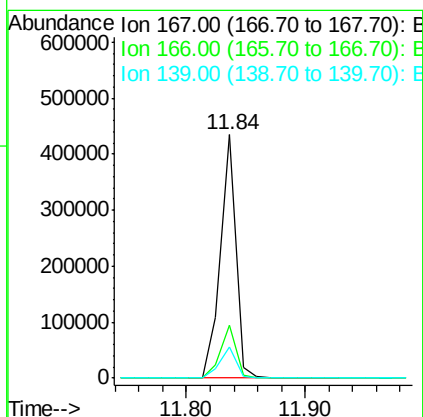
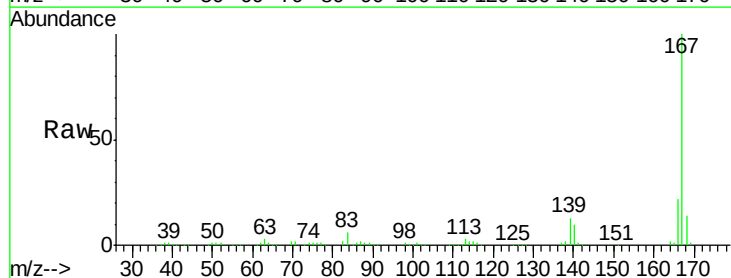
Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

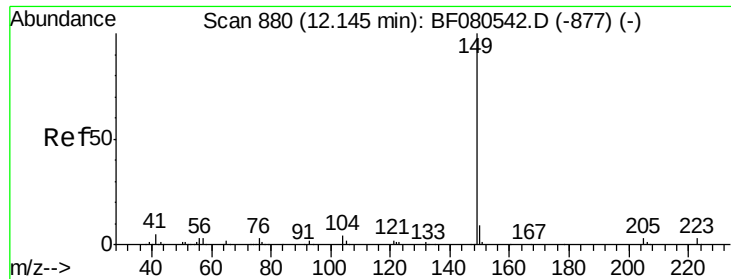
Tot Ion:178 Resp: 435910
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.3 12.4 18.6



#72
 Carbazole
 Concen: 38.64 ng
 RT: 11.84 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion:167 Resp: 389889
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.9 9.8 14.8





#73

Di-n-butylphthalate

Concen: 40.06 ng

RT: 12.14 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

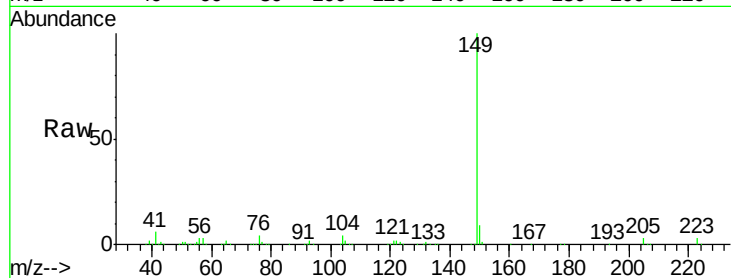
Tot Ion:149 Resp: 405444

Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

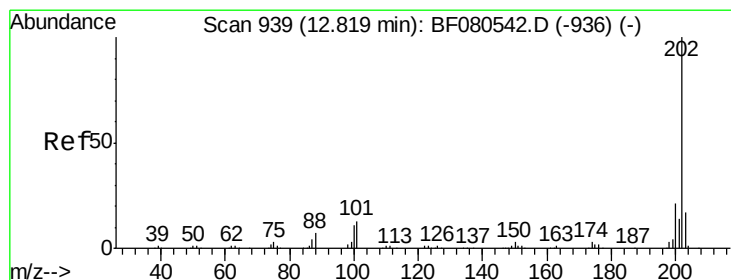
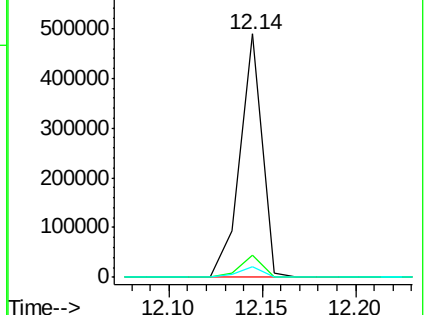
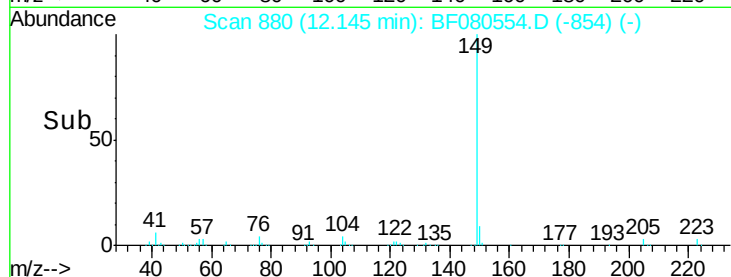
104 4.3 3.1 4.7



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: 41.22 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

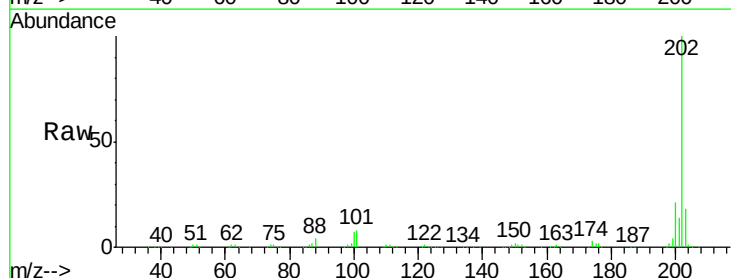
Tgt Ion:202 Resp: 446942

Ion Ratio Lower Upper

202 100

101 8.4 0.0 32.9

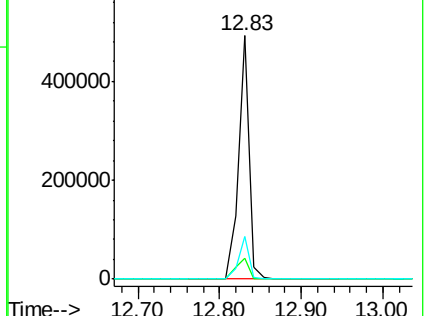
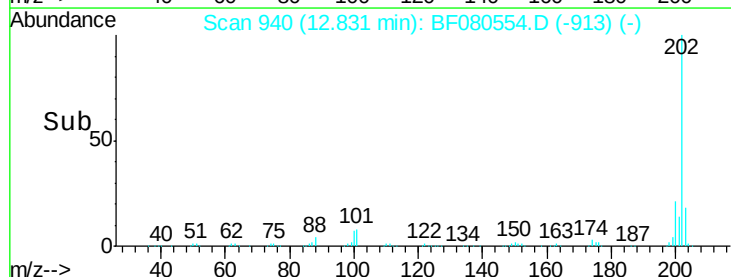
203 17.6 0.0 37.3

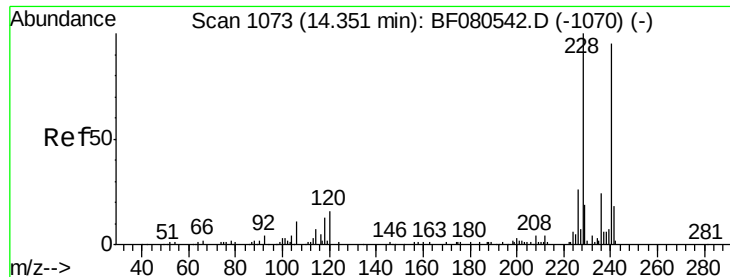


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.40 min Scan# 1077

Delta R.T. 0.05 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

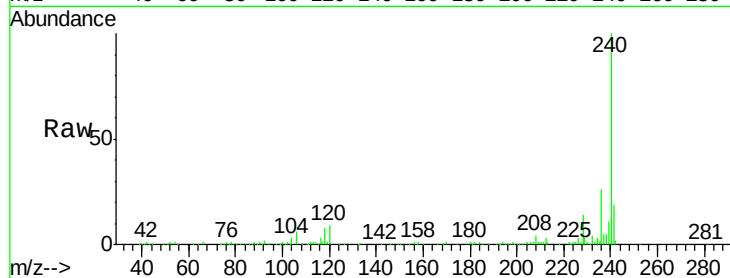
Tot Ion:240 Resp: 209108

Ion Ratio Lower Upper

240 100

120 9.4 13.6 20.4#

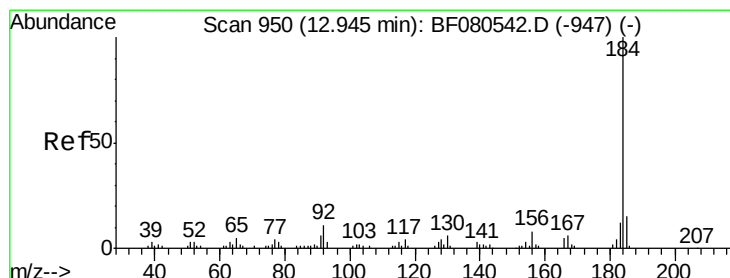
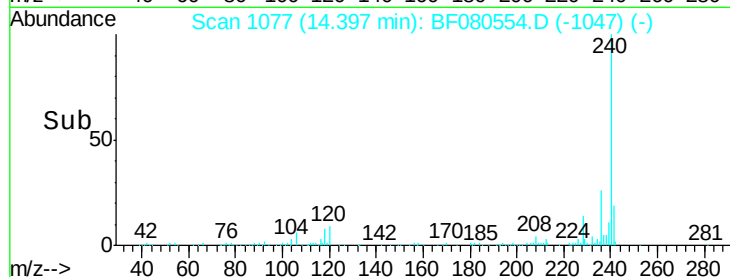
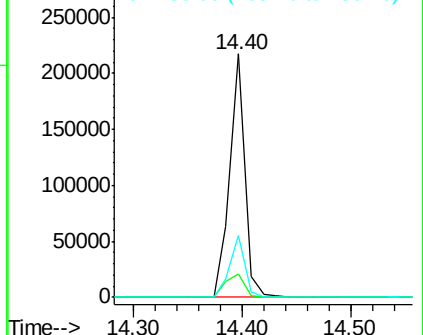
236 25.6 20.2 30.4



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: 24.21 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

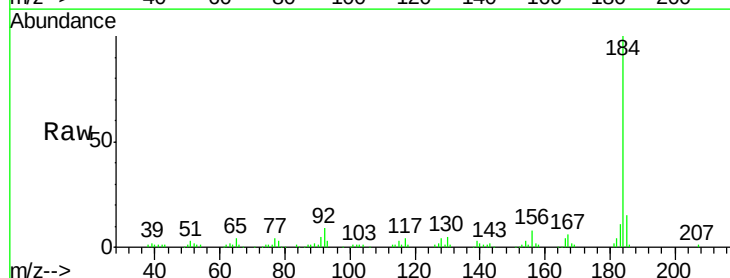
Tgt Ion:184 Resp: 135485

Ion Ratio Lower Upper

184 100

185 14.9 11.9 17.9

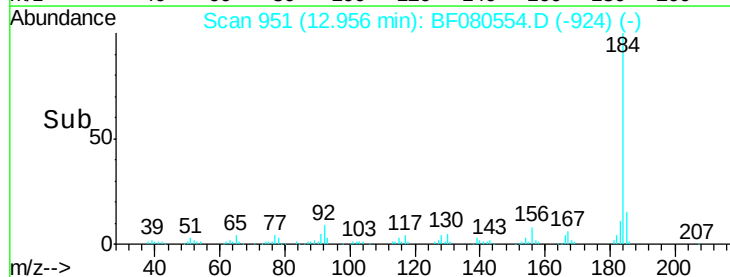
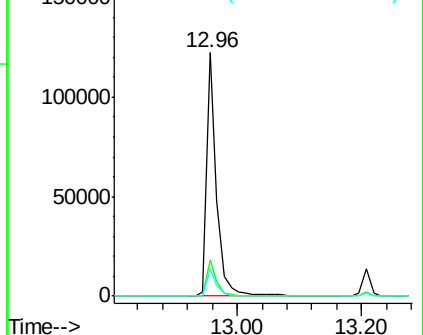
183 11.3 9.3 13.9

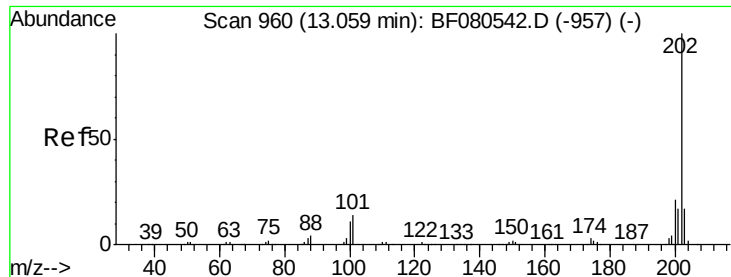


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

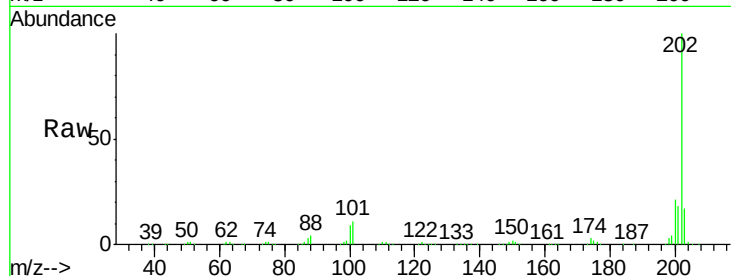




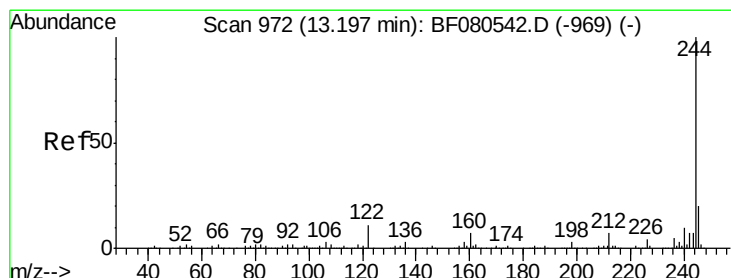
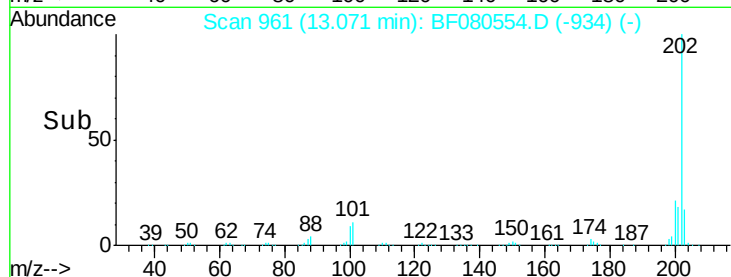
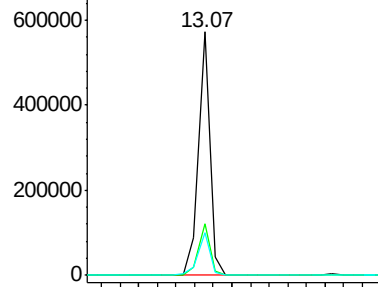
#77
Pvrene
Concen: 36.29 ng
RT: 13.07 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.4	14.0	21.0

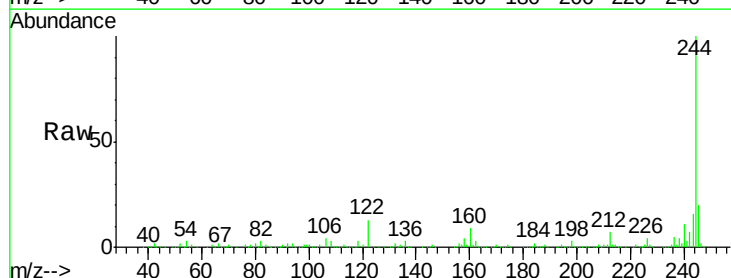


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

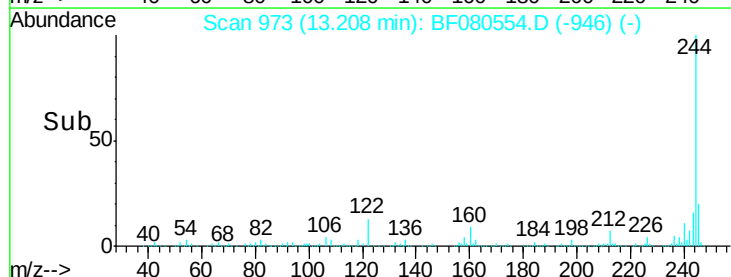
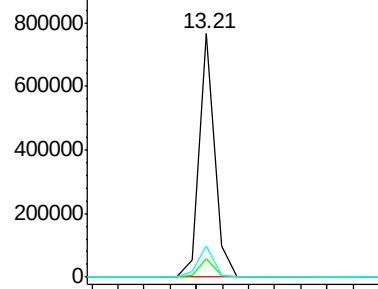


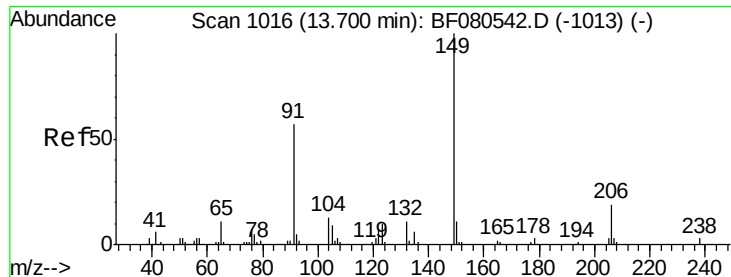
#78
Terphenyl-d14
Concen: 67.49 ng
RT: 13.21 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.5	8.3
122	12.9	9.0	13.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

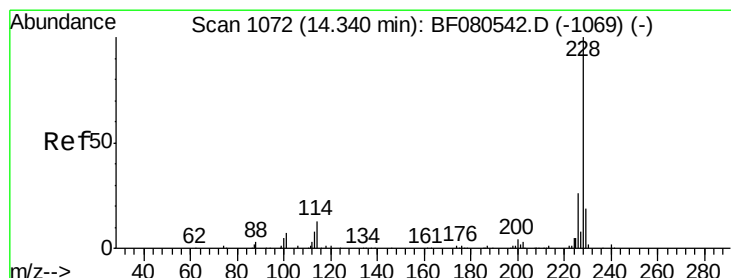
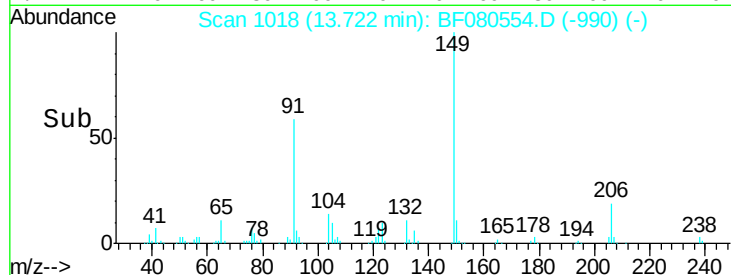
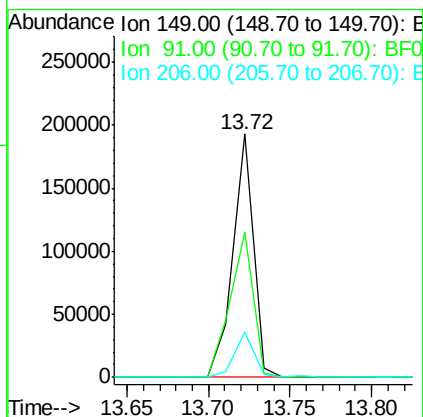
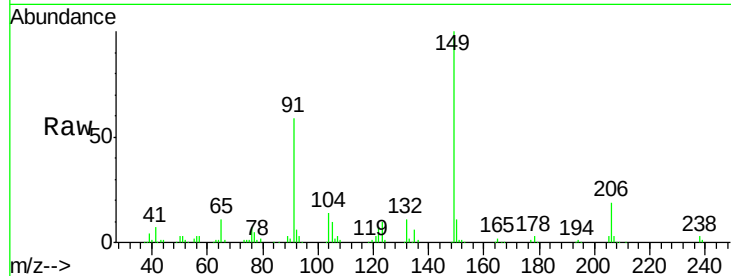




#79
Butylbenzylphthalate
Concen: 38.81 ng
RT: 13.72 min Scan# 1018
Delta R.T. 0.02 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

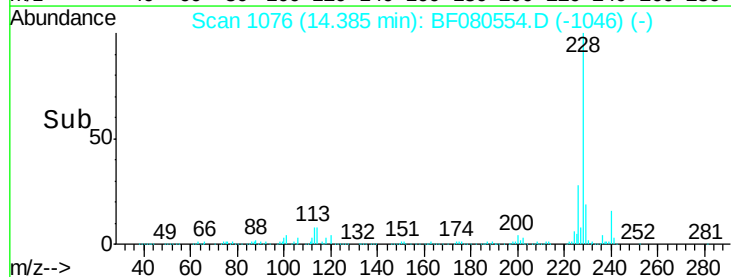
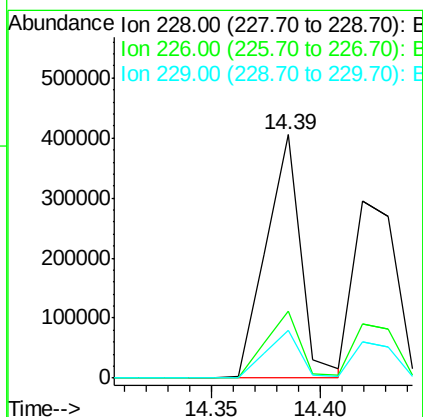
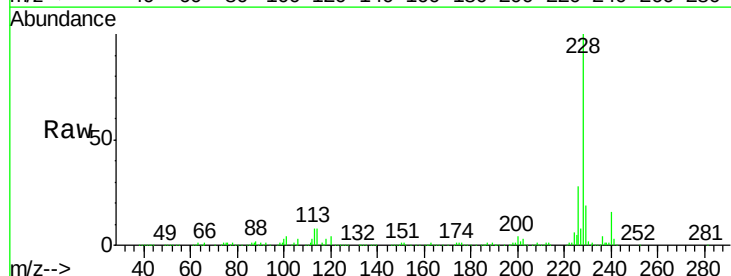
Instrument :
BNA_F
ClientSampleId :
PB84537BS

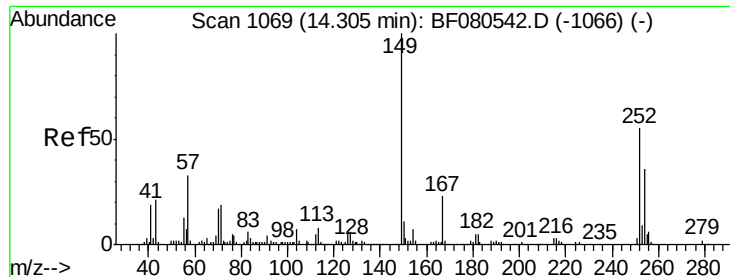
Tot Ion:149 Resp: 166819
Ion Ratio Lower Upper
149 100
91 59.4 45.6 68.4
206 18.7 15.1 22.7



#80
Benzo(a)anthracene
Concen: 38.87 ng
RT: 14.39 min Scan# 1076
Delta R.T. 0.05 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion:228 Resp: 452409
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.2
229 19.4 15.5 23.3

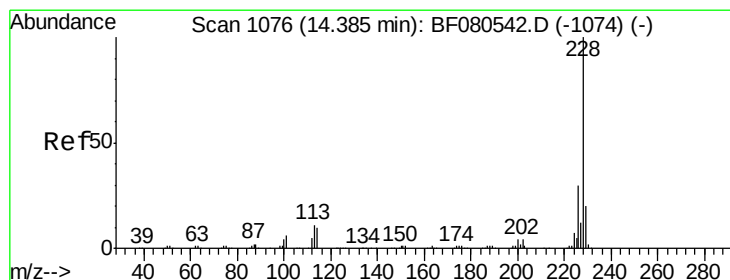
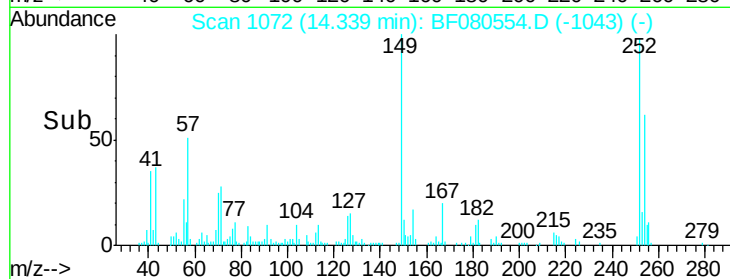
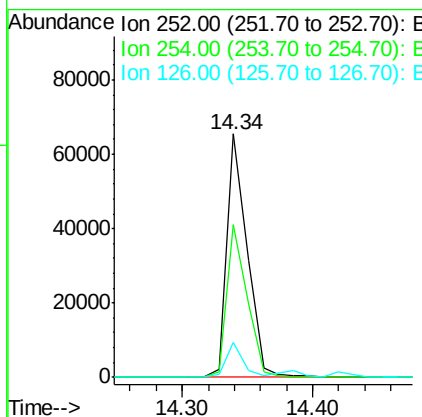
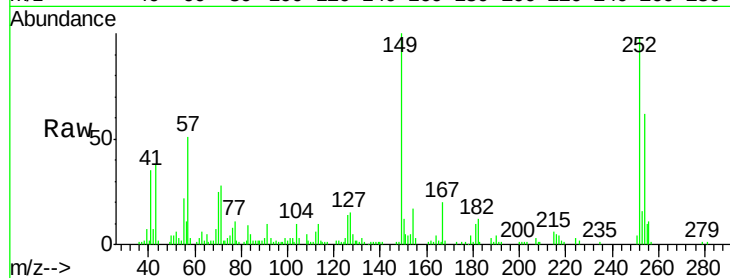




#81
 3,3'-Dichlorobenzidine
 Concen: 19.32 ng
 RT: 14.34 min Scan# 1072
 Delta R.T. 0.03 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

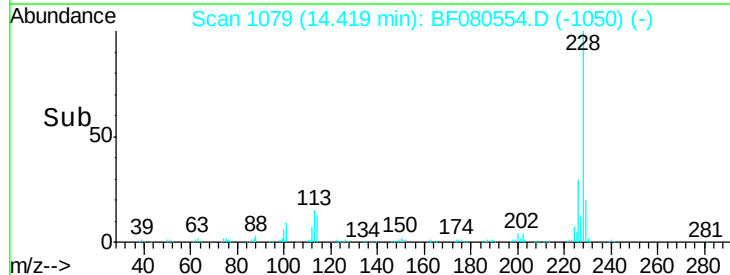
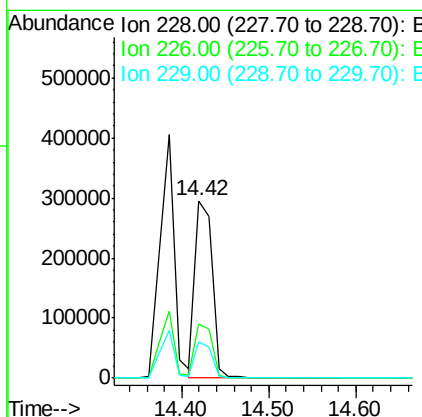
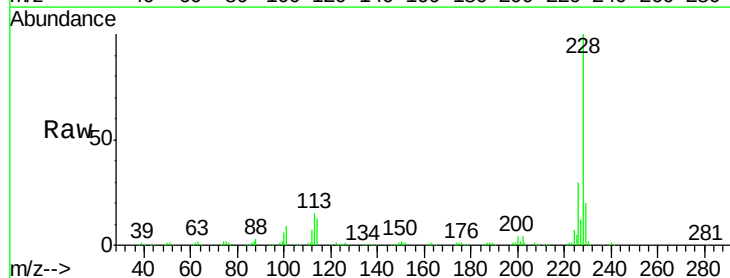
Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

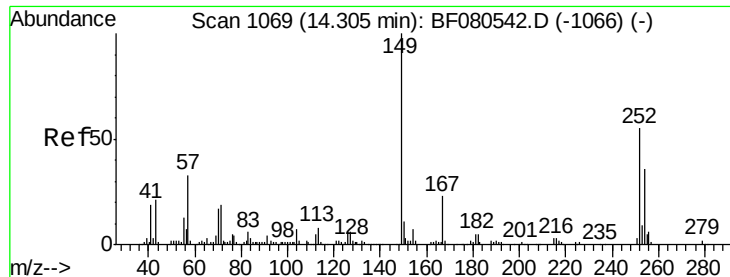
Tot Ion:252 Resp: 71015
 Ion Ratio Lower Upper
 252 100
 254 62.9 51.6 77.4
 126 14.6 8.9 13.3#



#82
 Chrysene
 Concen: 34.80 ng
 RT: 14.42 min Scan# 1079
 Delta R.T. 0.03 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion:228 Resp: 405823
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.1 36.1
 229 20.4 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.56 ng

RT: 14.35 min Scan# 1073

Delta R.T. 0.05 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

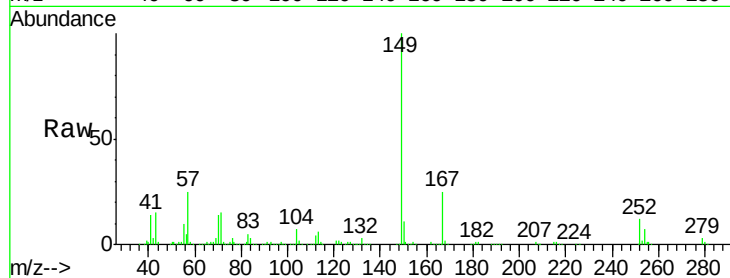
Tot Ion:149 Resp: 242049

Ion Ratio Lower Upper

149 100

167 25.4 18.6 27.8

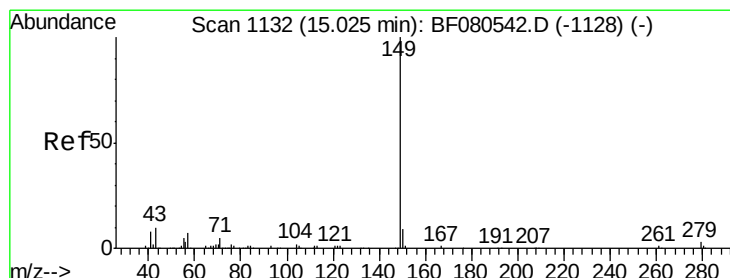
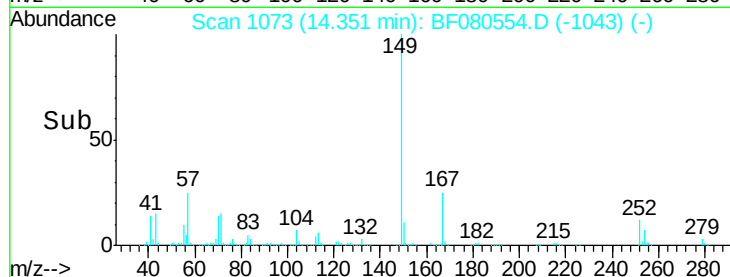
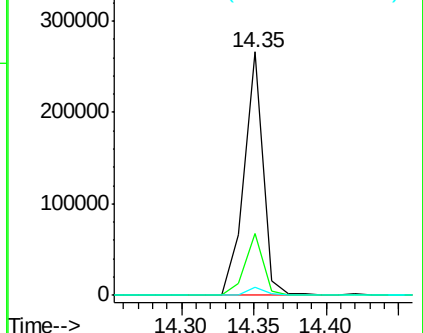
279 3.2 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.10 ng

RT: 15.09 min Scan# 1138

Delta R.T. 0.07 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

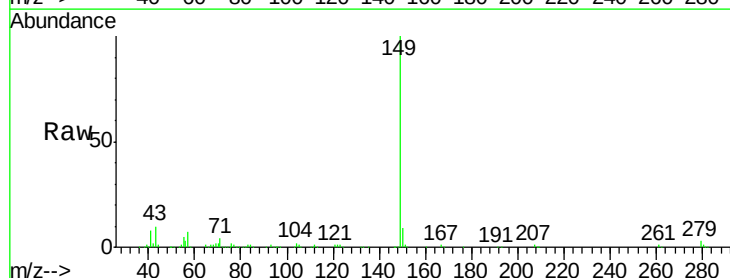
Tgt Ion:149 Resp: 392355

Ion Ratio Lower Upper

149 100

167 1.3 1.0 1.6

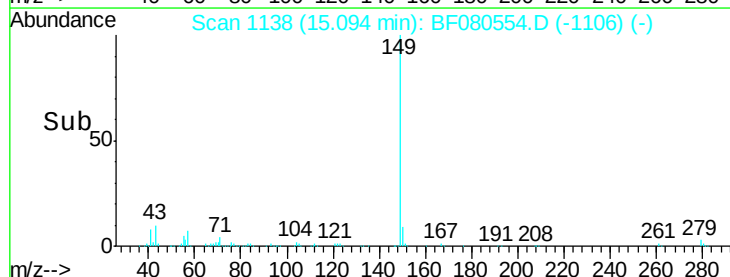
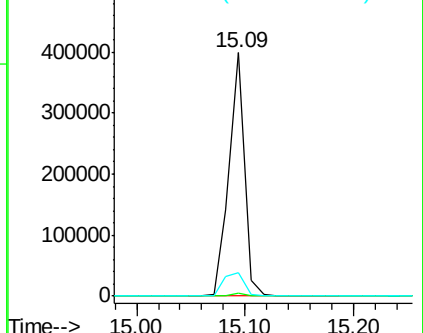
43 12.9 10.0 15.0

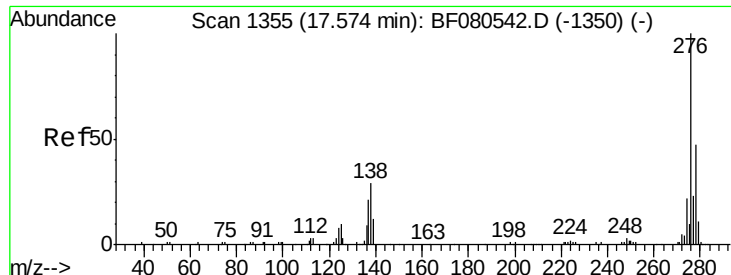


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

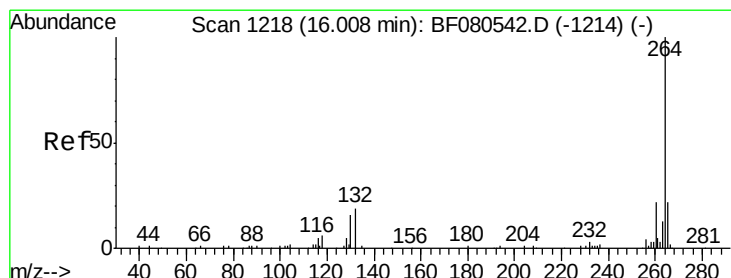
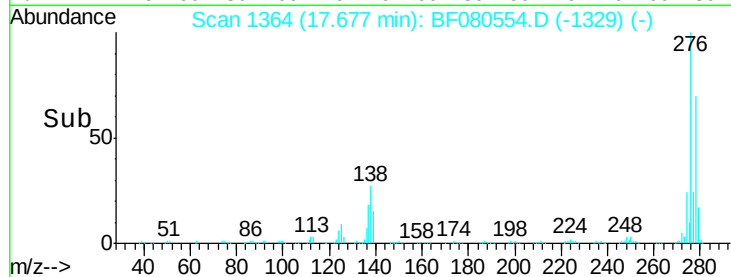
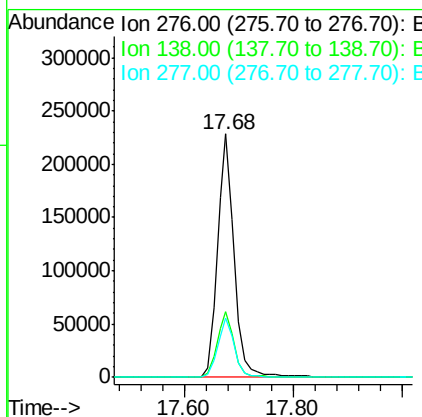
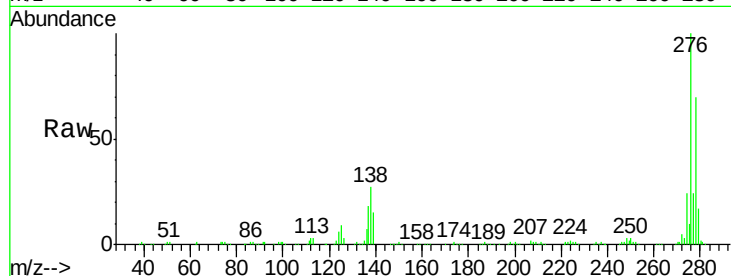




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.05 ng
 RT: 17.68 min Scan# 1364
 Delta R.T. 0.10 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

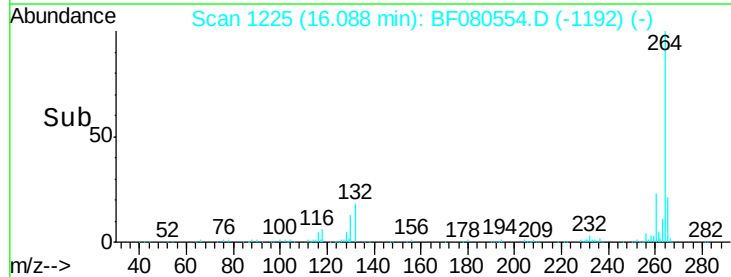
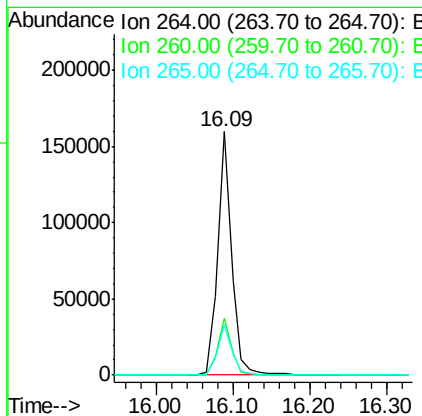
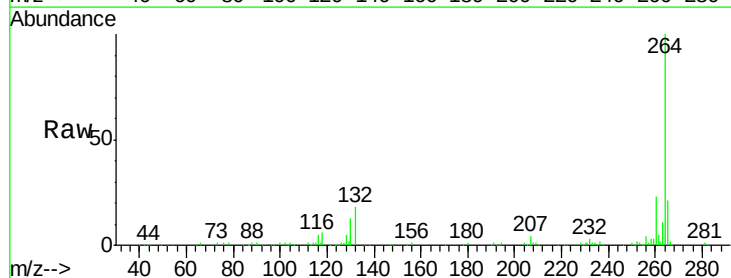
Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

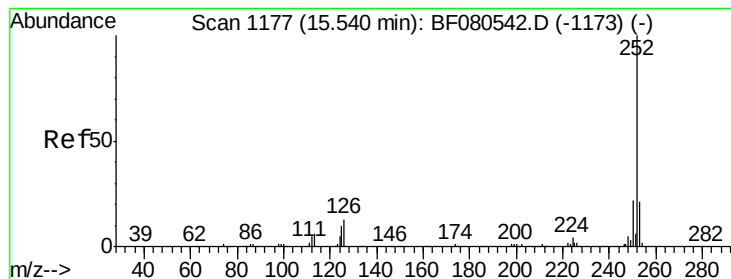
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	23.9	35.9
277	24.4	19.4	29.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 1225
 Delta R.T. 0.08 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.8	26.8
265	20.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 70.38 ng

RT: 15.62 min Scan# 1184

Delta R.T. 0.08 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampled :

PB84537BS

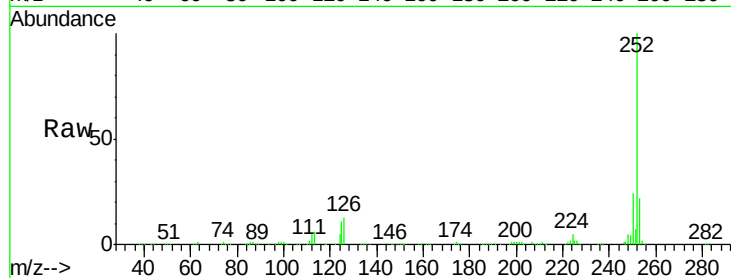
Tot Ion:252 Resp: 882632

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

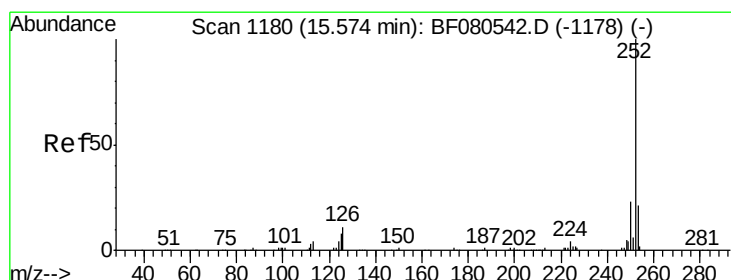
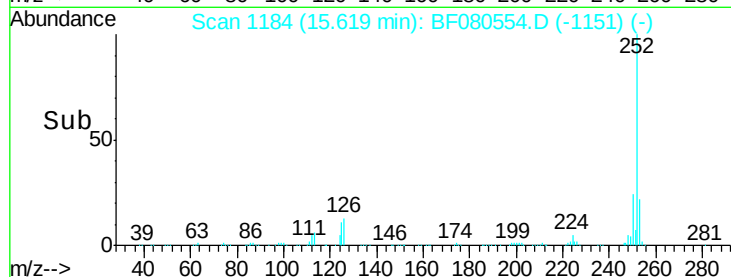
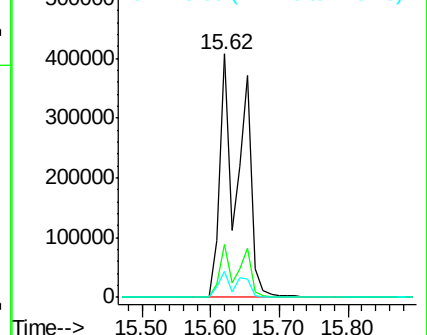
125 10.5 8.1 12.1



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



#88

Benzo(k)fluoranthene

Concen: 81.28 ng

RT: 15.62 min Scan# 1184

Delta R.T. 0.08 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

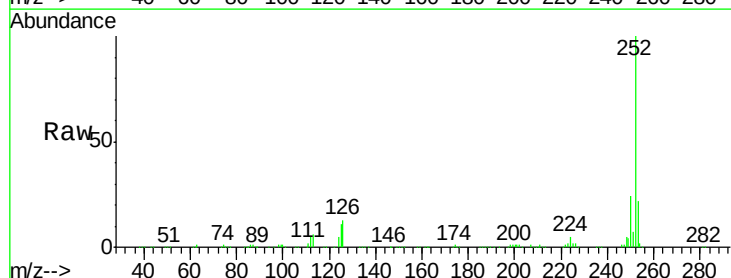
Tgt Ion:252 Resp: 882632

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

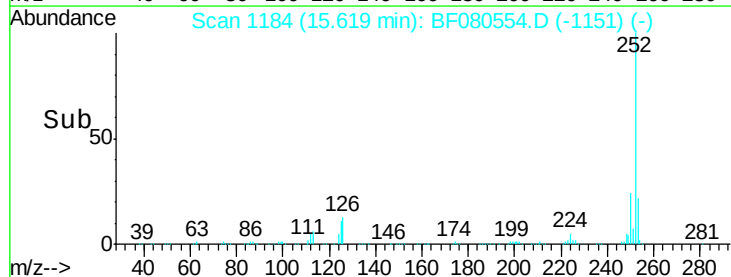
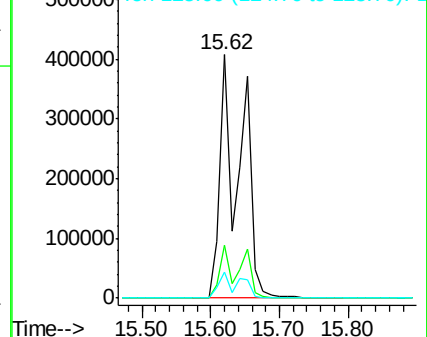
125 10.5 8.1 12.1

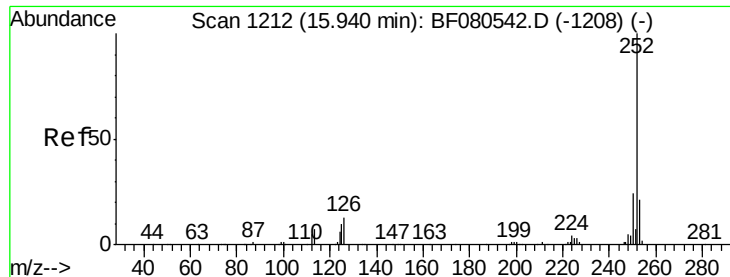


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.16 ng

RT: 16.02 min Scan# 1219

Delta R.T. 0.08 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

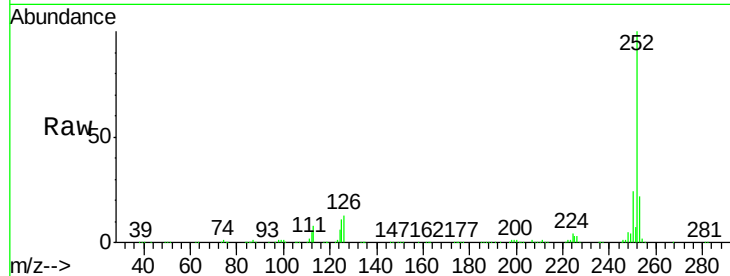
Tot Ion:252 Resp: 429194

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

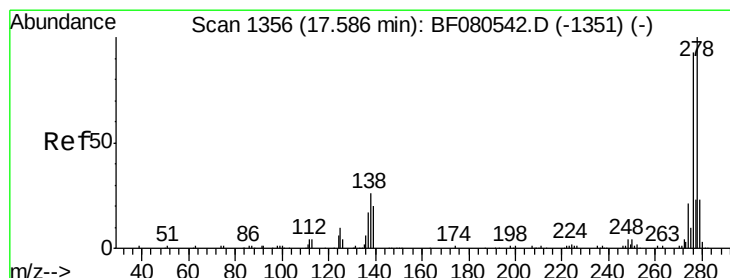
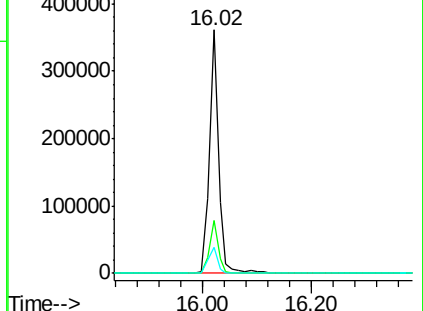
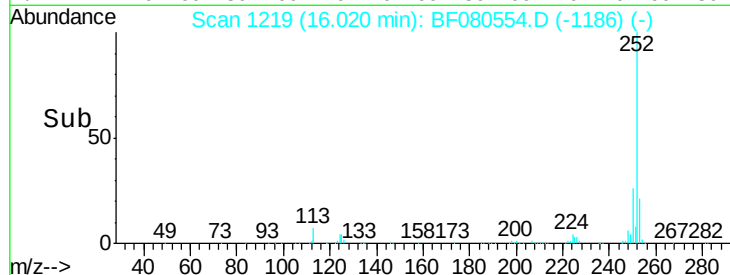
125 10.9 8.1 12.1



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: 39.62 ng

RT: 17.69 min Scan# 1365

Delta R.T. 0.10 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

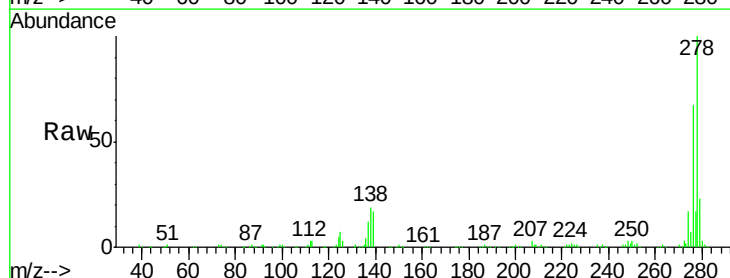
Tgt Ion:278 Resp: 416917

Ion Ratio Lower Upper

278 100

139 16.9 16.2 24.2

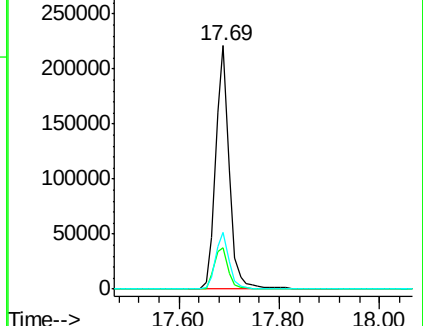
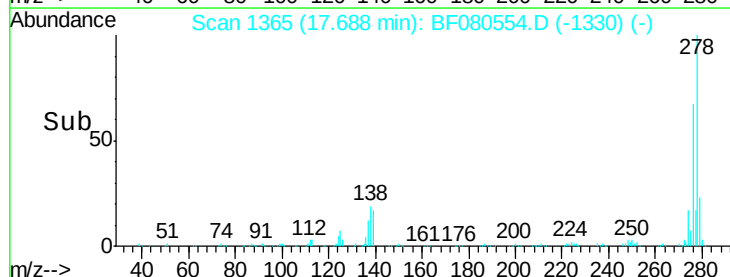
279 23.3 18.6 27.8

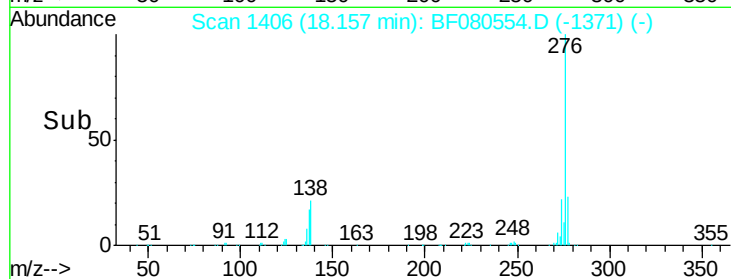
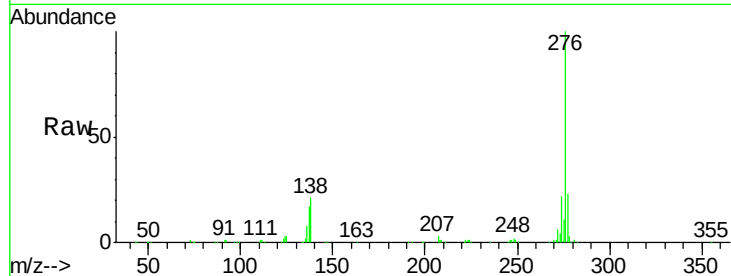
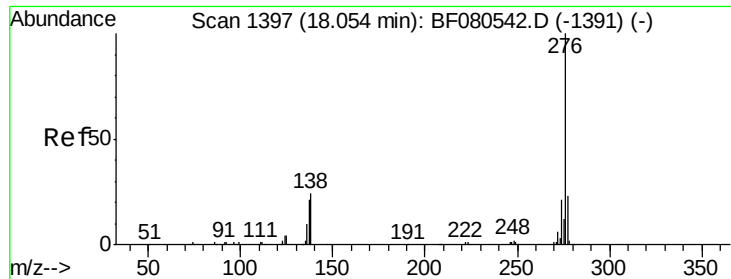


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.14 ng

RT: 18.16 min Scan# 1406

Delta R.T. 0.10 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

Tot Ion:276 Resp: 426359

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 20.8 19.1 28.7

