

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
 Data File : BF083560.D
 Acq On : 7 Dec 2015 17:00
 Operator : UM/IZ
 Sample : PB87075BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Quant Time: Dec 08 01:15:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	140583	20.00	ng	-0.05
21) Naphthalene-d8	7.63	136	561613	20.00	ng	-0.05
38) Acenaphthene-d10	10.42	164	281007	20.00	ng	-0.05
63) Phenanthrene-d10	12.82	188	529724	20.00	ng	-0.03
75) Chrysene-d12	17.01	240	445883	20.00	ng	-0.03
86) Perylene-d12	18.66	264	350311	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.01	112	1187584	128.16	ng	-0.02
7) Phenol-d6	5.29	99	1616301	126.60	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1013171	84.33	ng	-0.05
41) 2,4,6-Tribromophenol	11.71	330	328182	126.60	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	1659781	80.11	ng	-0.06
78) Terphenyl-d14	15.45	244	1592122	79.46	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.89	88	143874	29.60	ng	# 77
3) Pyridine	2.33	79	514665	44.37	ng	98
4) n-Nitrosodimethylamine	2.29	42	271309	46.44	ng	92
6) Aniline	5.28	93	474390	28.55	ng	96
8) 2-Chlorophenol	5.45	128	459871	44.62	ng	93
9) Benzaldehyde	5.13	77	142928	19.53	ng	99
10) Phenol	5.31	94	650217	43.55	ng	# 77
11) bis(2-Chloroethyl)ether	5.39	93	469351	42.42	ng	95
12) 1,3-Dichlorobenzene	5.64	146	489028	42.79	ng	98
13) 1,4-Dichlorobenzene	5.74	146	500987	42.92	ng	99
14) 1,2-Dichlorobenzene	5.96	146	472205	44.00	ng	98
15) Benzyl Alcohol	5.97	79	476258	53.77	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.16	45	869009	42.36	ng	93
17) 2-Methylphenol	6.16	107	390069	45.86	ng	97
18) Hexachloroethane	6.44	117	178100	43.72	ng	92
19) n-Nitroso-di-n-propylamine	6.36	70	406289	47.70	ng	97
20) 3+4-Methylphenols	6.40	107	524542	47.48	ng	99
22) Acetophenone	6.34	105	681491	42.12	ng	# 99
24) Nitrobenzene	6.58	77	549375	41.52	ng	99
25) Isophorone	6.96	82	1020544	44.23	ng	98
26) 2-Nitrophenol	7.06	139	239993	45.96	ng	96
27) 2,4-Dimethylphenol	7.18	122	419467	45.47	ng	96
28) bis(2-Chloroethoxy)methane	7.31	93	614189	47.76	ng	99
29) 2,4-Dichlorophenol	7.46	162	395442	47.47	ng	98
30) 1,2,4-Trichlorobenzene	7.55	180	405047	43.98	ng	99
31) Naphthalene	7.65	128	1312581	43.91	ng	99
32) Benzoic acid	7.49	122	230032	44.13	ng	97
33) 4-Chloroaniline	7.79	127	226689	19.39	ng	94
34) Hexachlorobutadiene	7.87	225	234630	43.11	ng	97
35) Caprolactam	8.40	113	67695	25.55	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	434370	46.33	ng	99
37) 2-Methylnaphthalene	8.76	142	875275	47.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	393763	42.61	ng	# 100
40) Hexachlorocyclopentadiene	9.01	237	220953	63.46	ng	97

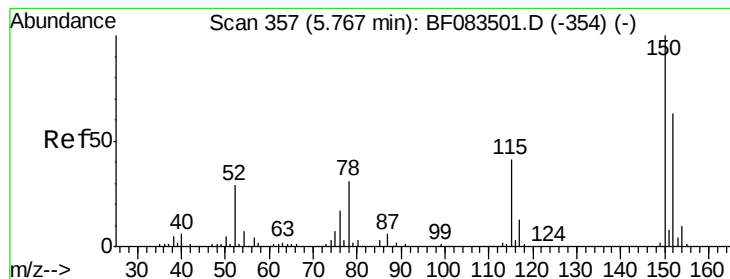
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	251119	43.29	ng	99
43) 2,4,5-Trichlorophenol	9.33	196	264372	44.24	ng	96
45) 1,1'-Biphenyl	9.52	154	1033210	41.38	ng	98
46) 2-Chloronaphthalene	9.54	162	826219	43.91	ng	99
47) 2-Nitroaniline	9.74	65	319131	47.61	ng	97
48) Acenaphthylene	10.19	152	1320946	42.87	ng	100
49) Dimethylphthalate	10.08	163	987018	44.63	ng	99
50) 2,6-Dinitrotoluene	10.16	165	214423	46.04	ng	97
51) Acenaphthene	10.48	154	776609	43.80	ng	98
52) 3-Nitroaniline	10.42	138	129369	25.77	ng	# 97
53) 2,4-Dinitrophenol	10.78	184	16413	13.77	ng	92
54) Dibenzofuran	10.76	168	1198883	48.81	ng	99
55) 4-Nitrophenol	10.81	139	226096	79.95	ng	89
56) 2,4-Dinitrotoluene	10.82	165	295441	48.57	ng	# 83
57) Fluorene	11.31	166	956111	44.74	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.99	232	229146	51.27	ng	# 100
59) Diethylphthalate	11.22	149	969048	45.53	ng	99
60) 4-Chlorophenyl-phenylether	11.33	204	448991	43.84	ng	98
61) 4-Nitroaniline	11.42	138	201488	44.29	ng	88
62) Azobenzene	11.60	77	1227693	54.06	ng	99
64) 4,6-Dinitro-2-methylphenol	11.48	198	157206	44.27	ng	84
65) n-Nitrosodiphenylamine	11.55	169	818904	46.69	ng	98
66) 4-Bromophenyl-phenylether	12.12	248	259891	44.90	ng	97
67) Hexachlorobenzene	12.19	284	283068	45.75	ng	96
68) Atrazine	12.47	200	256263	48.32	ng	100
69) Pentachlorophenol	12.56	266	212564	75.82	ng	98
70) Phenanthrene	12.85	178	1386658	44.97	ng	99
71) Anthracene	12.93	178	1440295	45.80	ng	99
72) Carbazole	13.23	167	1267548	46.94	ng	98
73) Di-n-butylphthalate	13.87	149	1549162	47.64	ng	99
74) Fluoranthene	14.77	202	1442613	47.21	ng	97
76) Benzidine	15.05	184	508300	31.55	ng	97
77) Pyrene	15.14	202	1470207	44.08	ng	99
79) Butylbenzylphthalate	16.27	149	642011	48.95	ng	90
80) Benzo(a)anthracene	17.00	228	1180211	45.24	ng	99
81) 3,3'-Dichlorobenzidine	17.00	252	232136	27.82	ng	98
82) Chrysene	17.05	228	1130596	43.50	ng	99
83) Bis(2-ethylhexyl)phthalate	17.12	149	839336	48.77	ng	# 97
84) Di-n-octyl phthalate	17.88	149	1288377	52.49	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.89	276	903410	40.55	ng	# 100
87) Benzo(b)fluoranthene	18.27	252	1904953	96.83	ng	98
88) Benzo(k)fluoranthene	18.27	252	1905327	94.54	ng	# 95
89) Benzo(a)pyrene	18.60	252	887800	46.39	ng	# 95
90) Dibenzo(a,h)anthracene	19.89	278	765418	41.57	ng	97
91) Benzo(g,h,i)perylene	20.25	276	757257	40.81	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

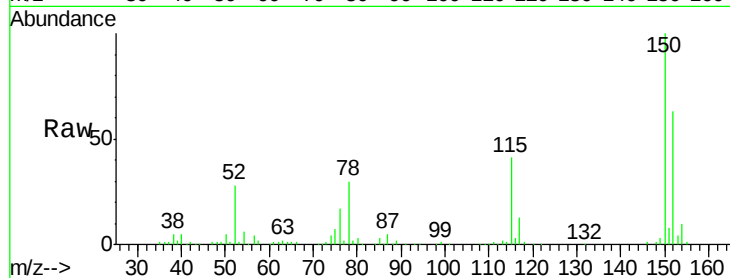
Tgt Ion:152 Resp: 140583

Ion Ratio Lower Upper

152 100

150 157.8 126.5 189.7

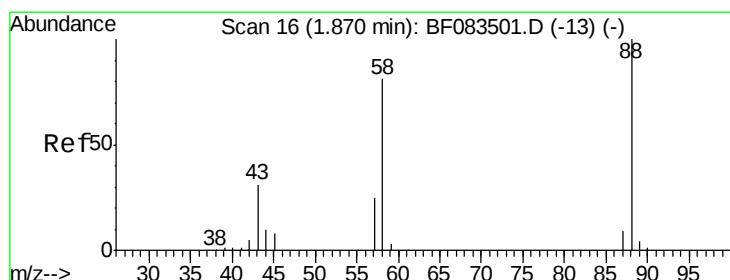
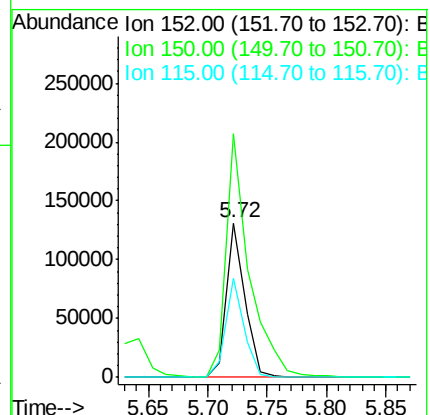
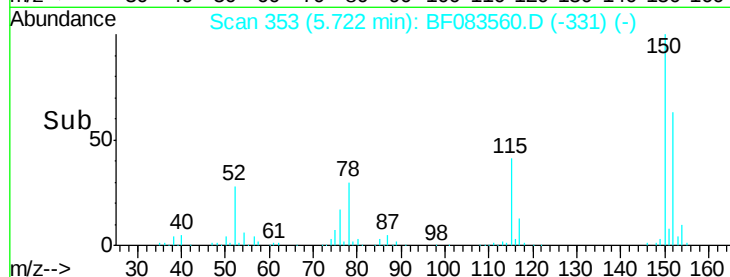
115 64.5 52.3 78.5



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: 29.60 ng

RT: 1.89 min Scan# 18

Delta R.T. 0.02 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

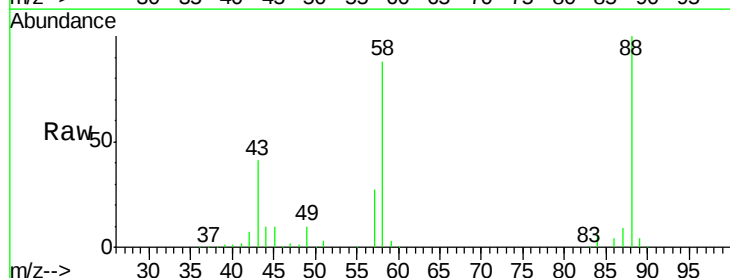
Tgt Ion: 88 Resp: 143874

Ion Ratio Lower Upper

88 100

58 95.2 68.0 102.0

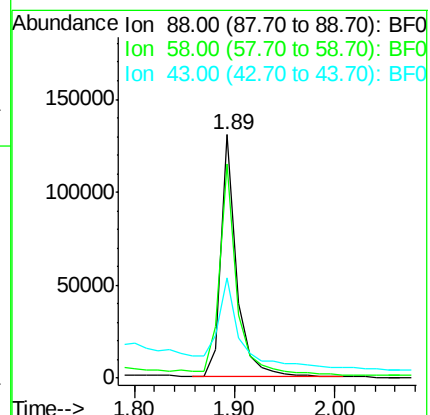
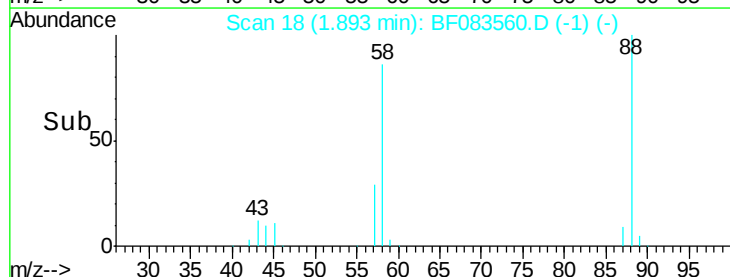
43 65.2 27.9 41.9#

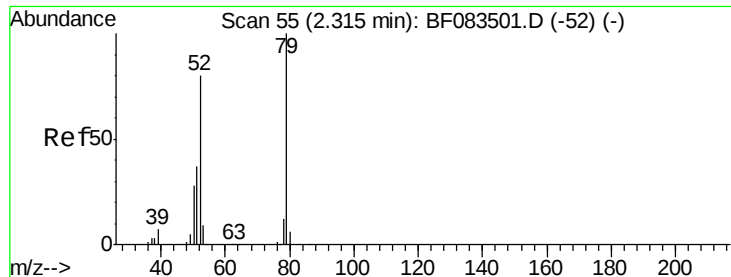


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

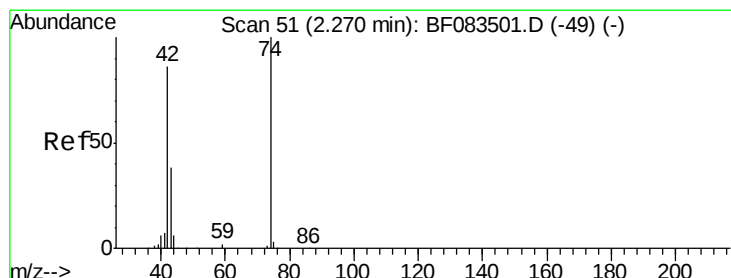
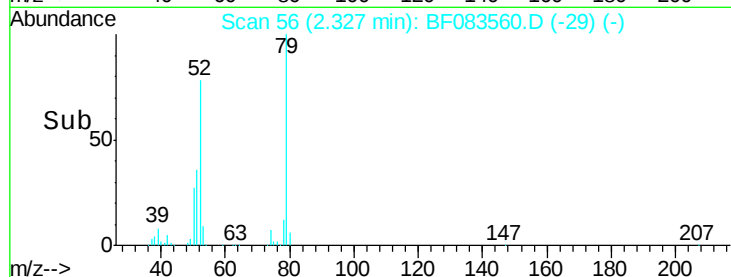
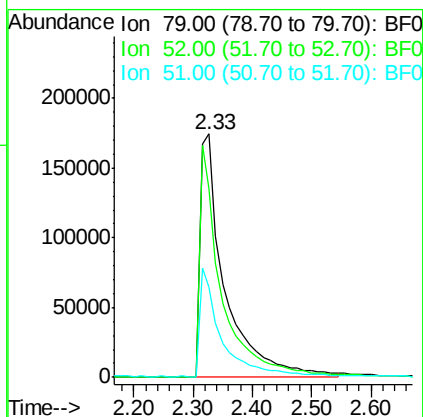
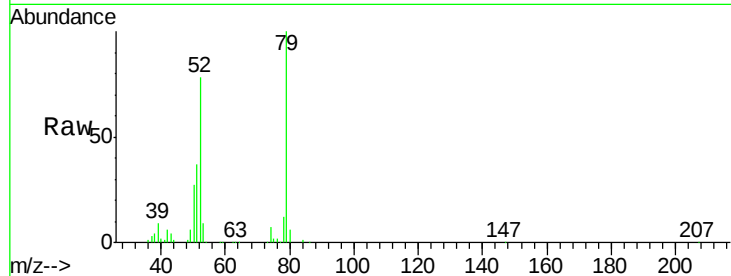




#3
 Pyridine
 Concen: 44.37 ng
 RT: 2.33 min Scan# 56
 Delta R.T. 0.01 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

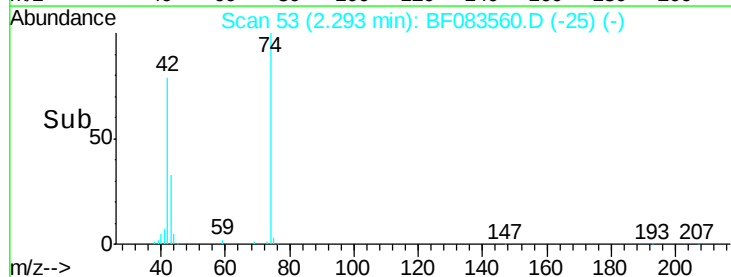
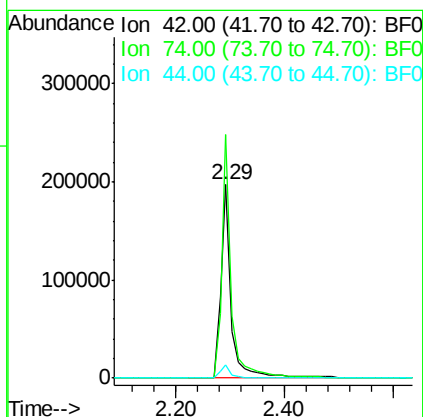
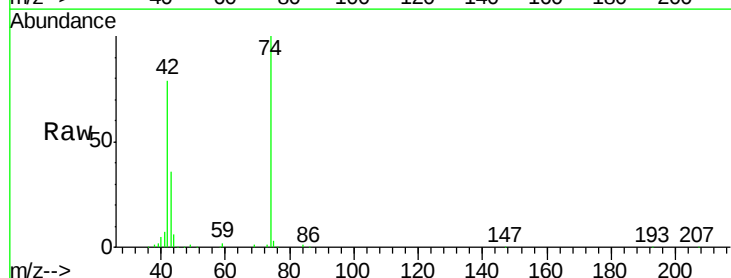
Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

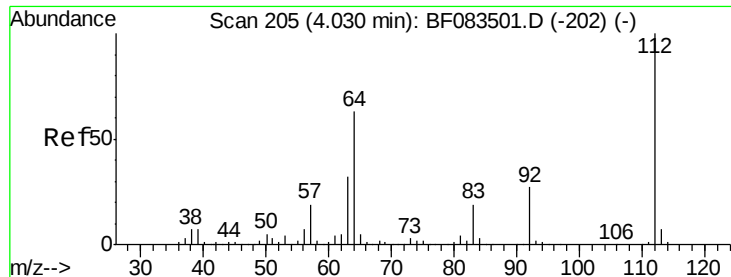
Tgt Ion: 79 Resp: 514665
 Ion Ratio Lower Upper
 79 100
 52 77.7 63.7 95.5
 51 36.9 30.6 45.8



#4
 n-Nitrosodimethylamine
 Concen: 46.44 ng
 RT: 2.29 min Scan# 53
 Delta R.T. 0.02 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion: 42 Resp: 271309
 Ion Ratio Lower Upper
 42 100
 74 125.8 92.9 139.3
 44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 128.16 ng

RT: 4.01 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

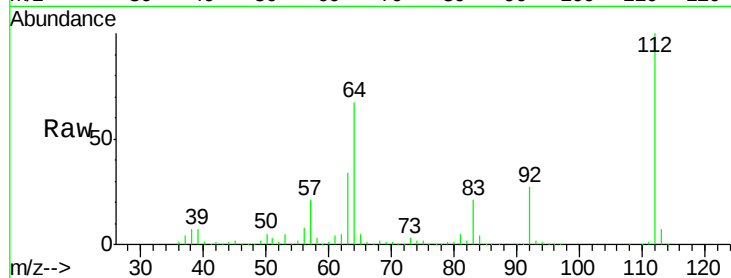
Tgt Ion: 112 Resp: 1187584

Ion Ratio Lower Upper

112 100

64 67.1 50.5 75.7

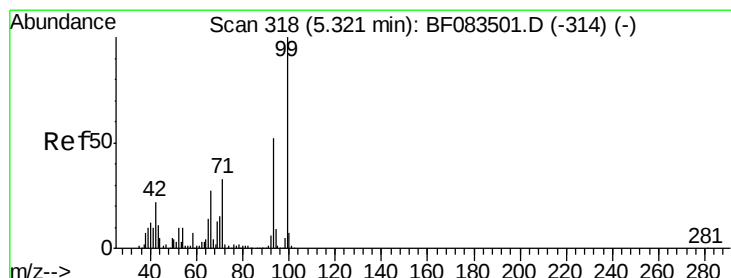
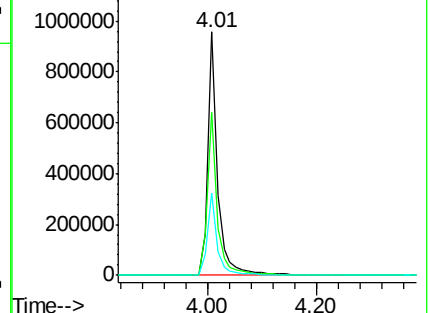
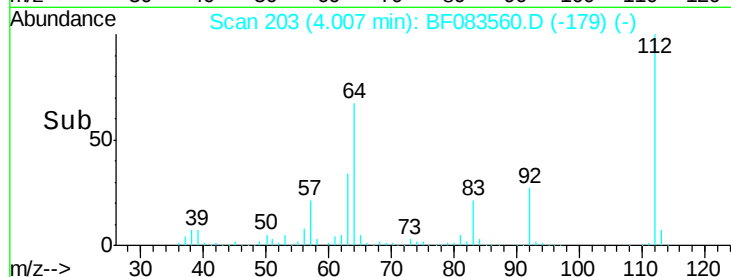
63 33.9 25.8 38.6



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: 28.55 ng

RT: 5.28 min Scan# 314

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

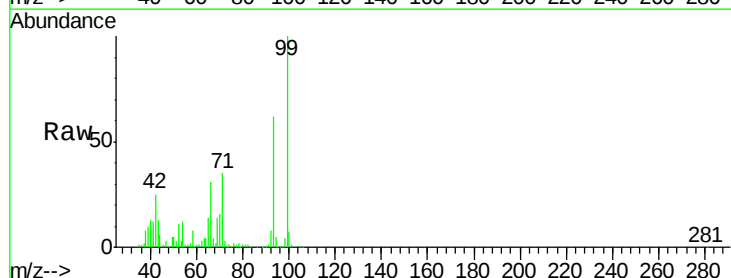
Tgt Ion: 93 Resp: 474390

Ion Ratio Lower Upper

93 100

66 49.6 41.3 61.9

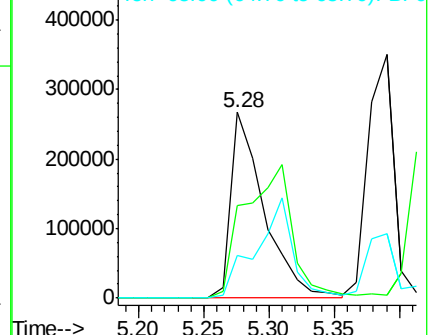
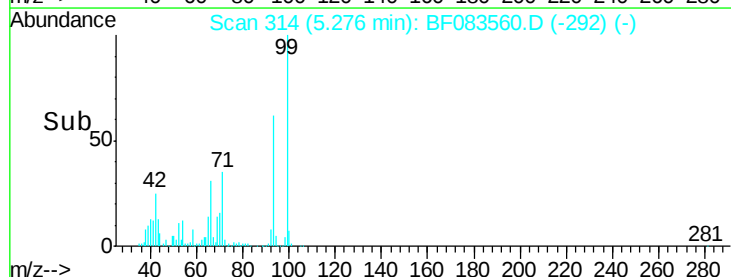
65 22.8 20.8 31.2

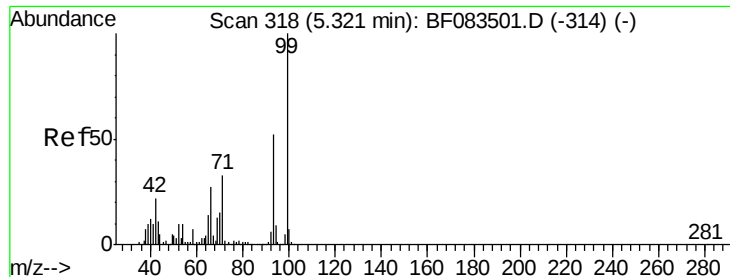


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.60 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

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PB87075BS

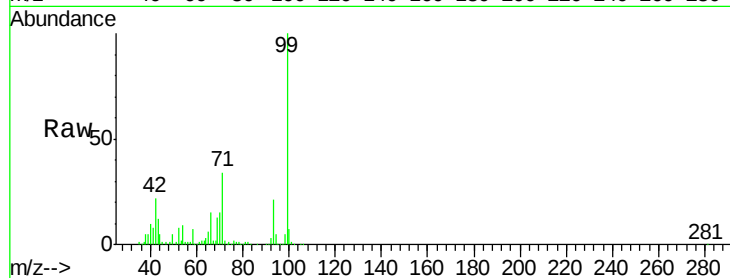
Tgt Ion: 99 Resp: 1616301

Ion Ratio Lower Upper

99 100

42 22.1 17.3 25.9

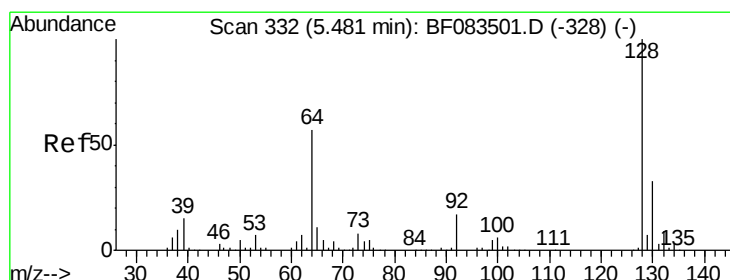
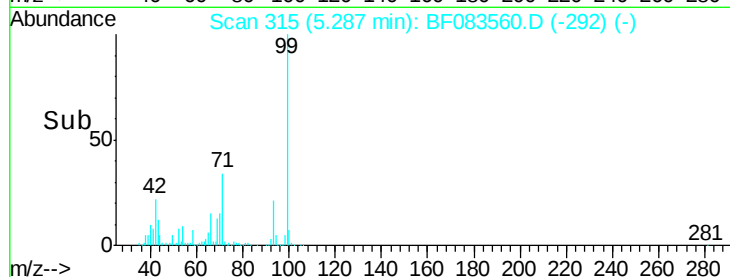
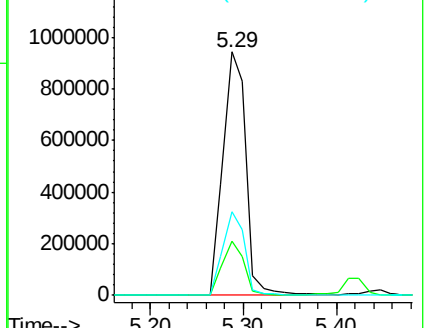
71 34.5 26.6 40.0



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: 44.62 ng

RT: 5.45 min Scan# 329

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

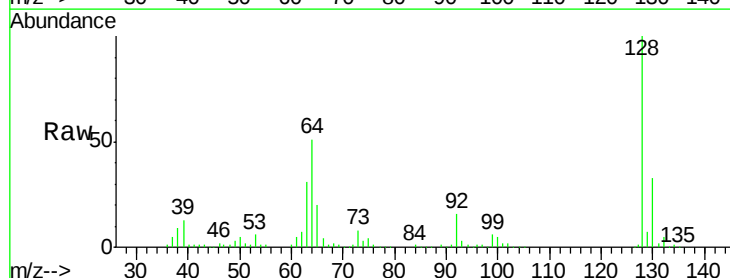
Tgt Ion: 128 Resp: 459871

Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

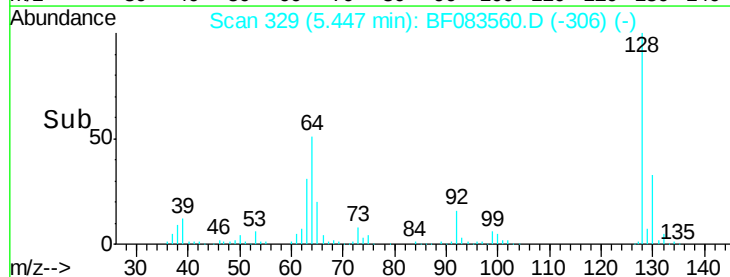
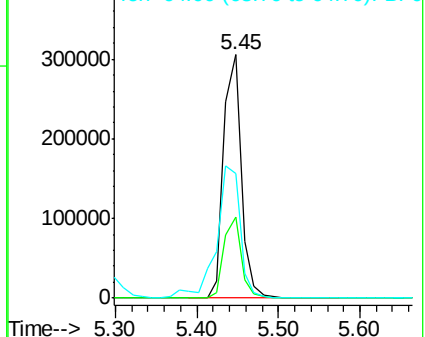
64 50.9 38.6 78.6

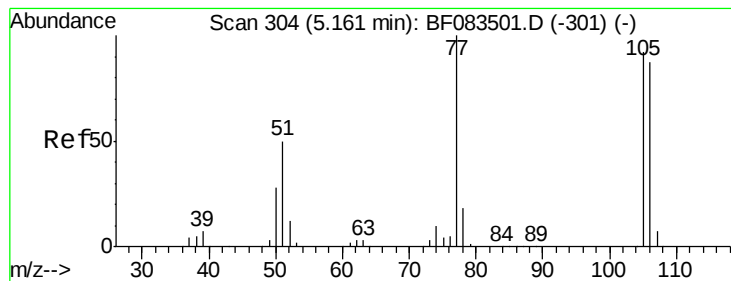


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.53 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

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ClientSampleId :

PB87075BS

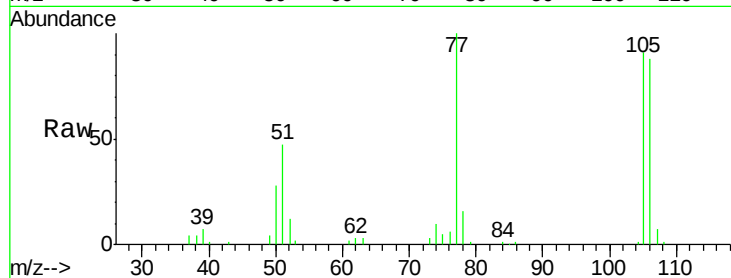
Tgt Ion: 77 Resp: 142928

Ion Ratio Lower Upper

77 100

105 90.6 71.8 111.8

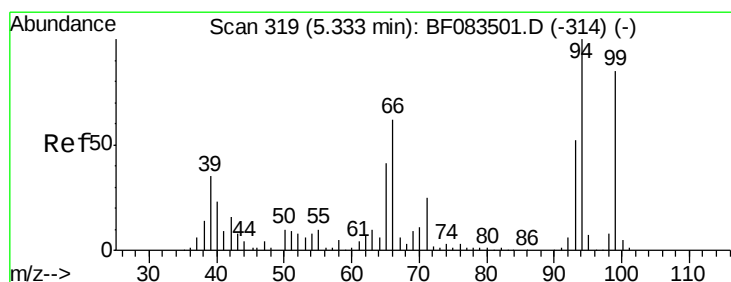
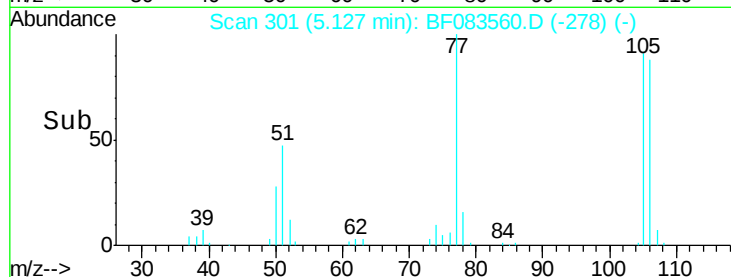
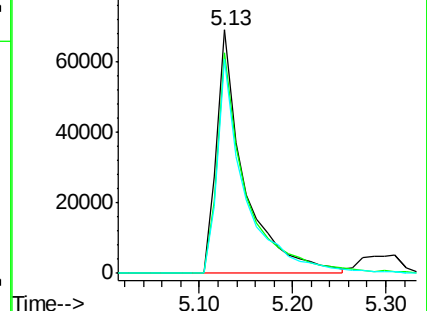
106 88.2 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.55 ng

RT: 5.31 min Scan# 317

Delta R.T. -0.02 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

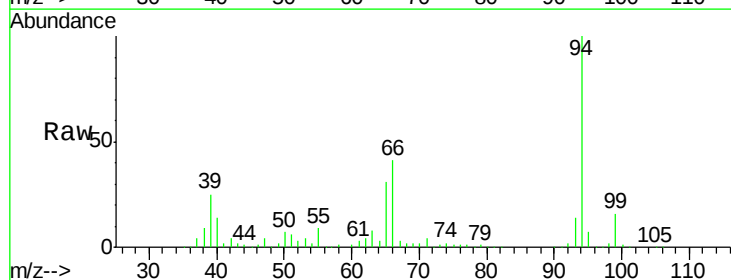
Tgt Ion: 94 Resp: 650217

Ion Ratio Lower Upper

94 100

65 30.8 20.9 60.9

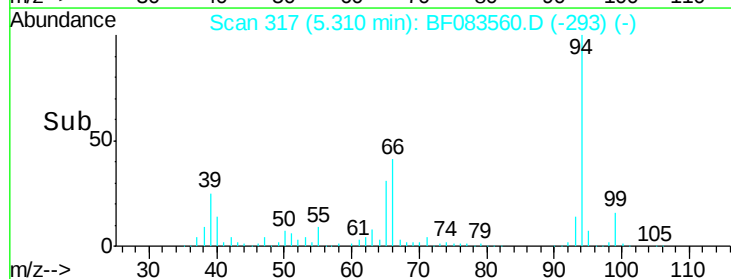
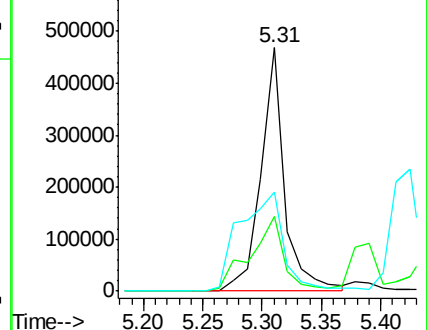
66 40.9 41.6 81.6#

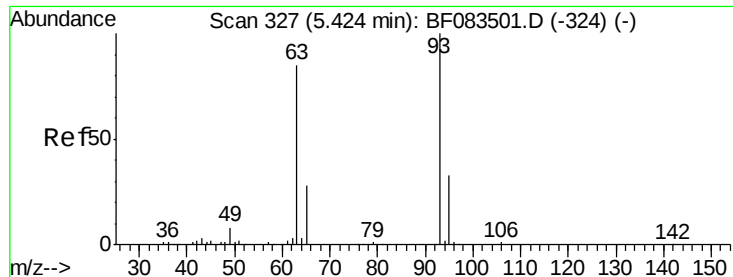


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.42 ng

RT: 5.39 min Scan# 324

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

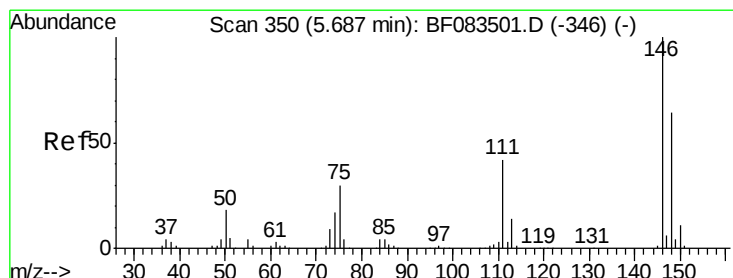
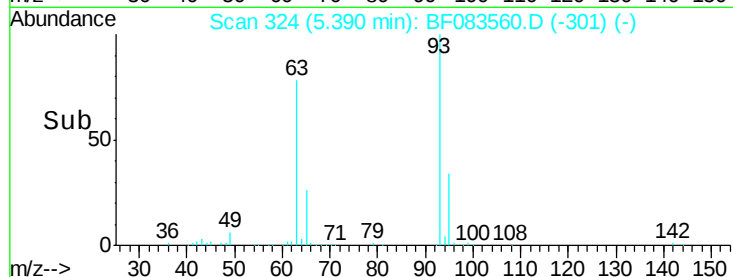
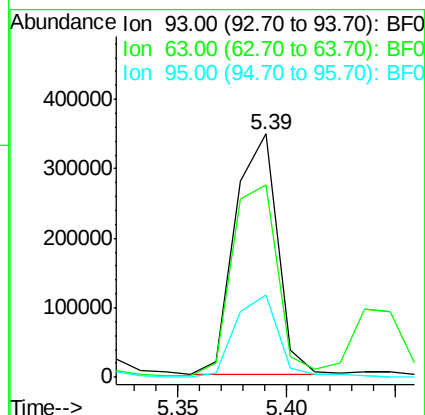
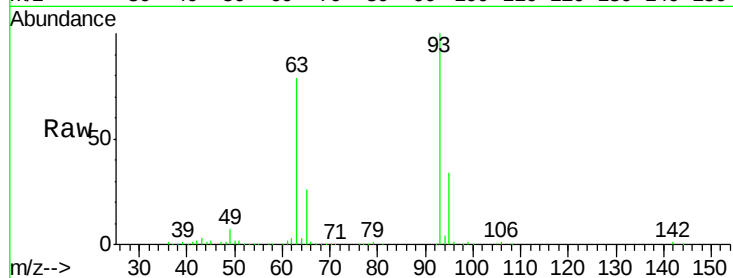
Tgt Ion: 93 Resp: 469351

Ion Ratio Lower Upper

93 100

63 79.0 64.7 104.7

95 33.6 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 42.79 ng

RT: 5.64 min Scan# 346

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

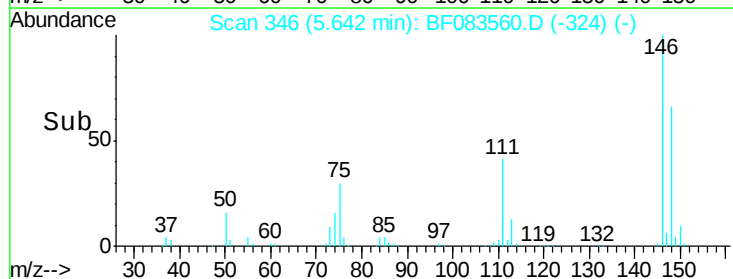
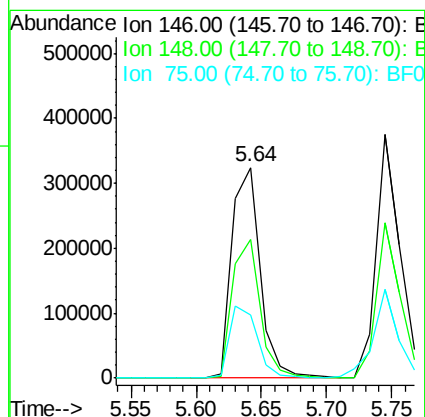
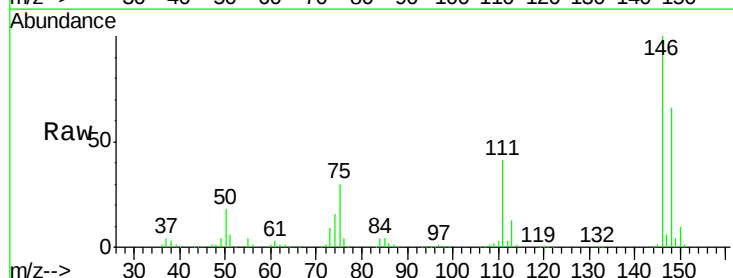
Tgt Ion: 146 Resp: 489028

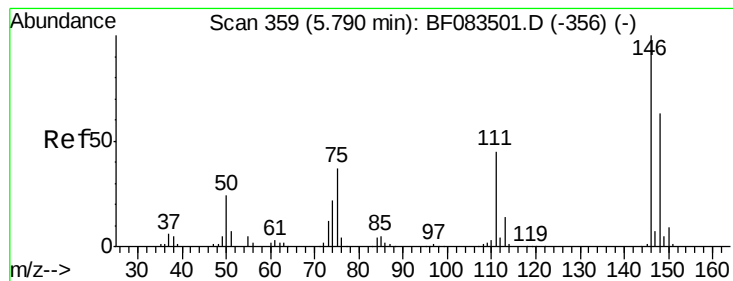
Ion Ratio Lower Upper

146 100

148 65.6 51.3 76.9

75 29.7 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 42.92 ng

RT: 5.74 min Scan# 355

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

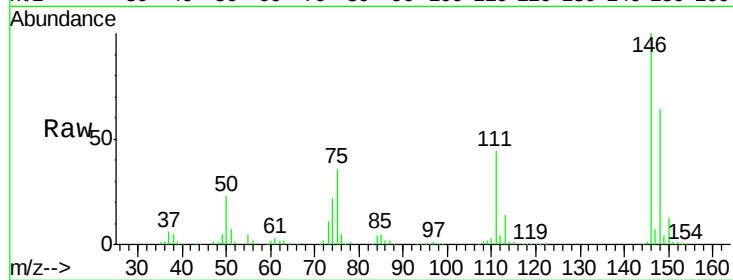
Tgt Ion:146 Resp: 500987

Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

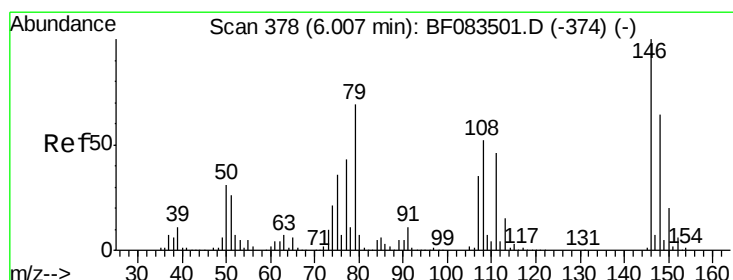
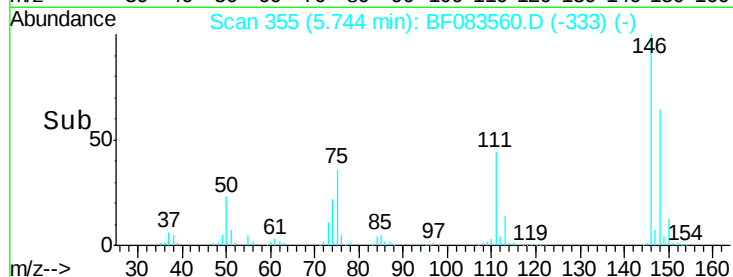
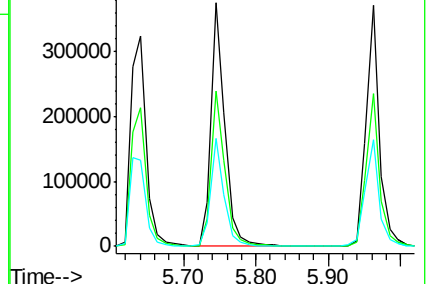
111 44.3 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.00 ng

RT: 5.96 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

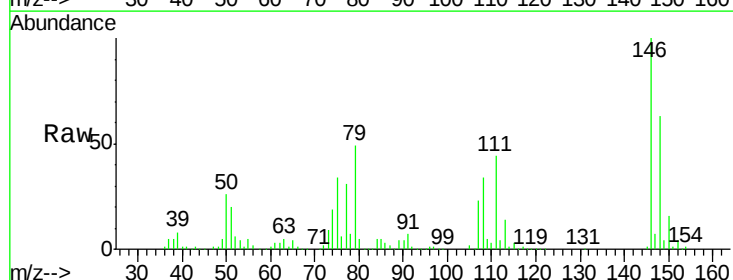
Tgt Ion:146 Resp: 472205

Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.0

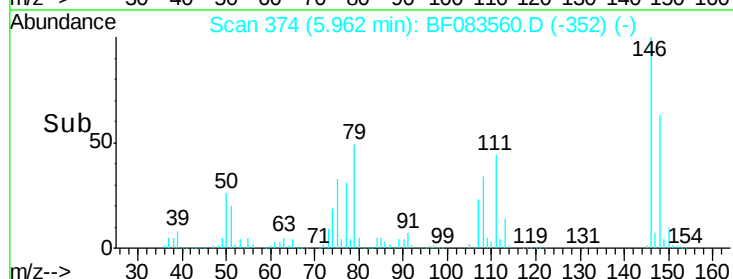
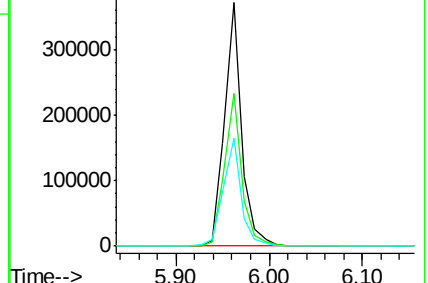
111 44.3 36.7 55.1

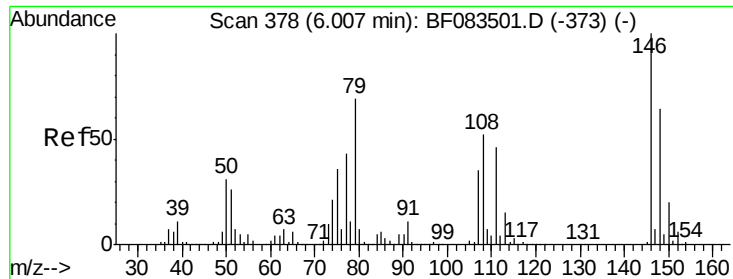


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

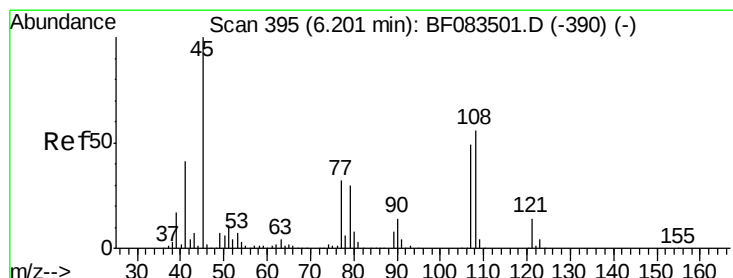
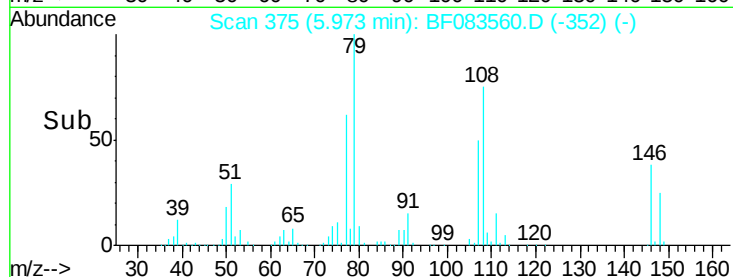
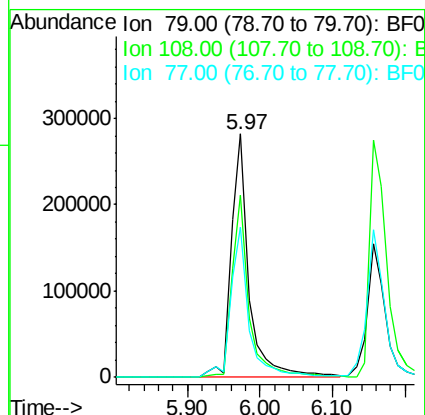
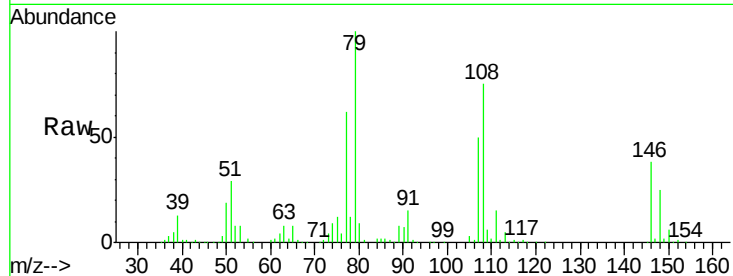




#15
Benzyl Alcohol
Concen: 53.77 ng
RT: 5.97 min Scan# 375
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

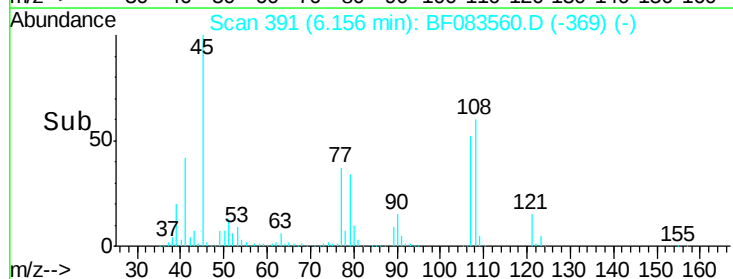
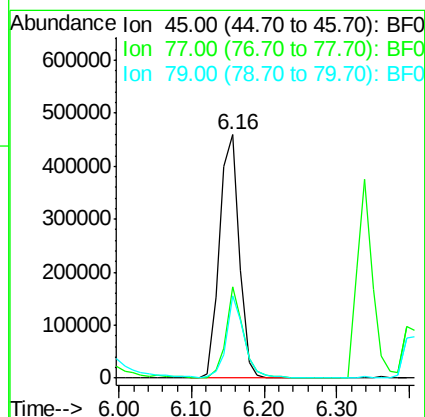
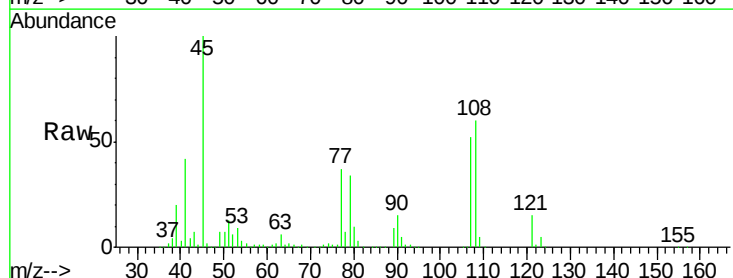
Instrument :
BNA_F
ClientSampleId :
PB87075BS

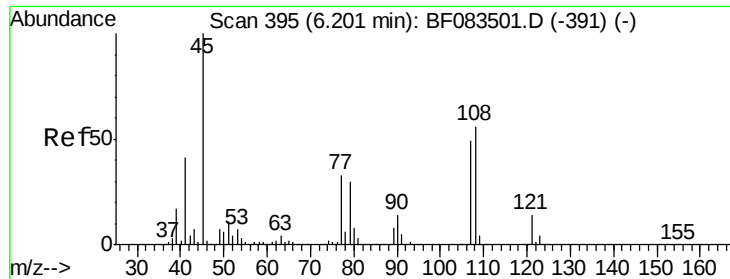
Tgt Ion: 79 Resp: 476258
Ion Ratio Lower Upper
79 100
108 74.8 59.6 89.4
77 61.9 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.36 ng
RT: 6.16 min Scan# 391
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion: 45 Resp: 869009
Ion Ratio Lower Upper
45 100
77 37.4 12.8 52.8
79 33.8 10.7 50.7

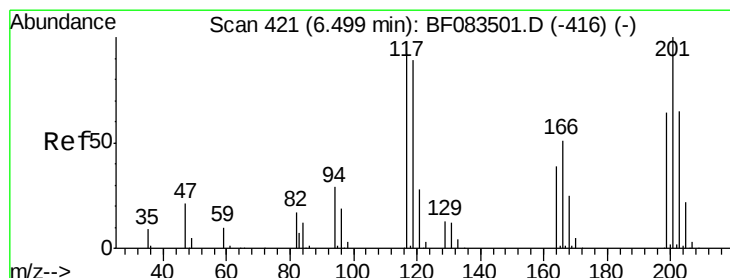
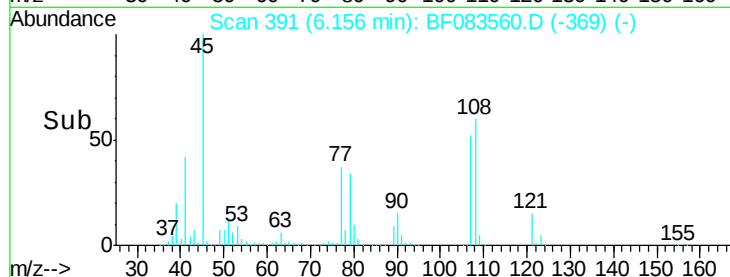
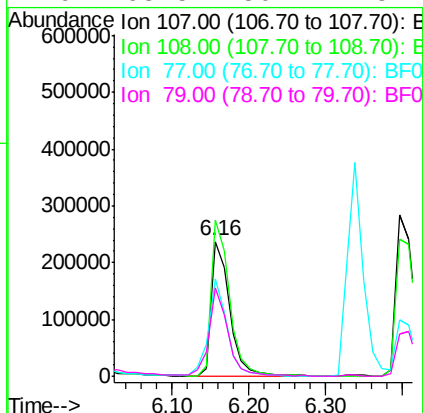
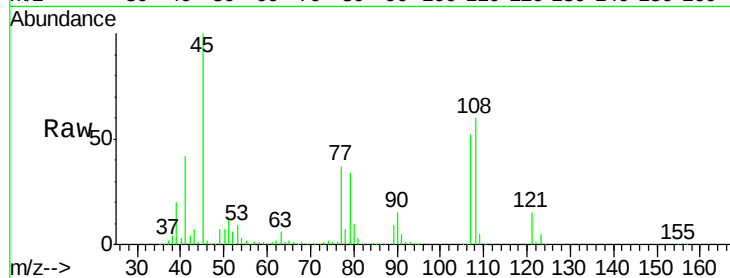




#17
2-Methylphenol
Concen: 45.86 ng
RT: 6.16 min Scan# 391
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

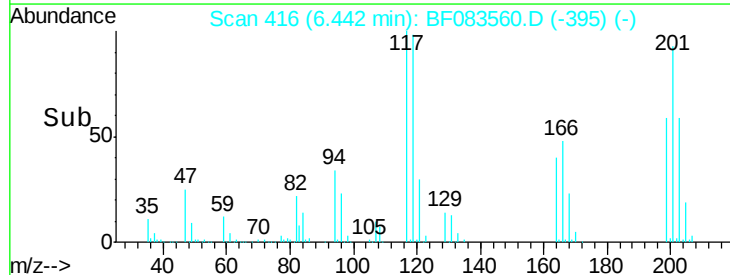
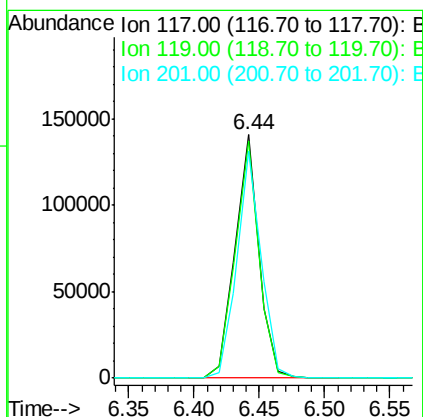
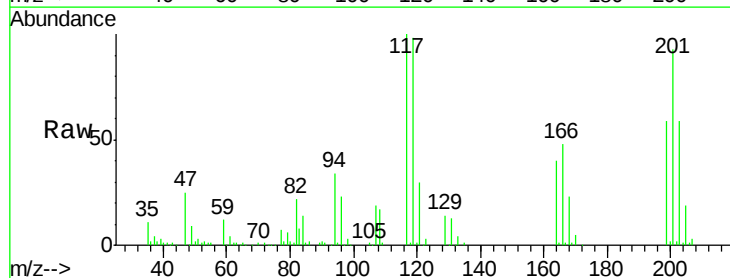
Instrument :
BNA_F
ClientSampleId :
PB87075BS

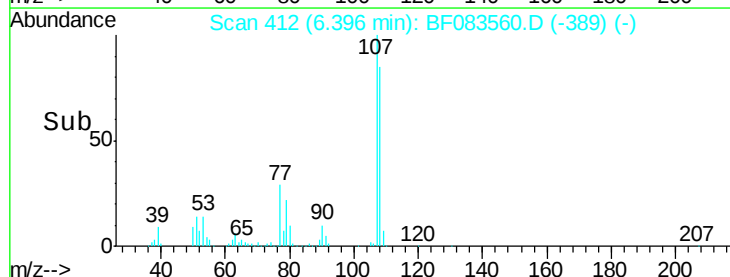
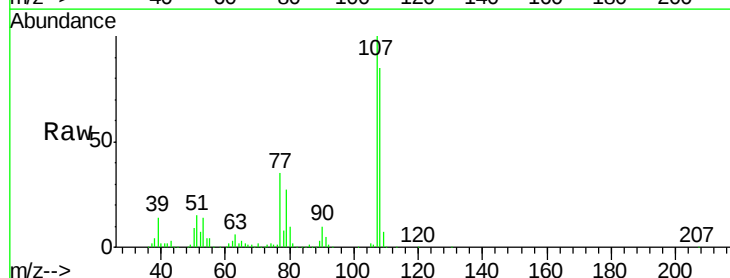
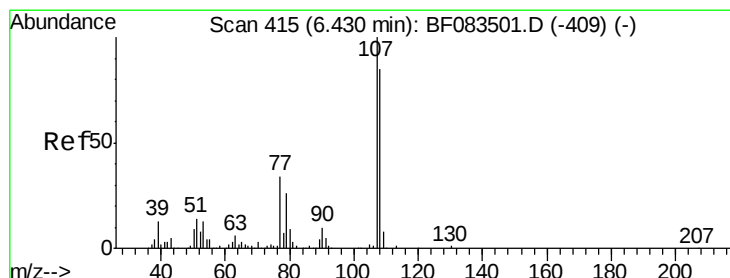
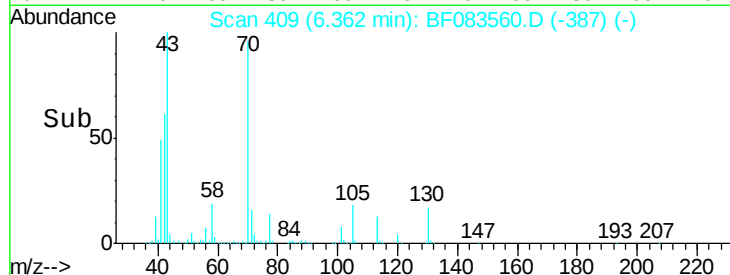
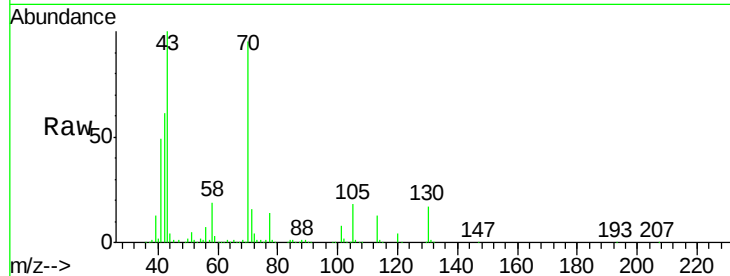
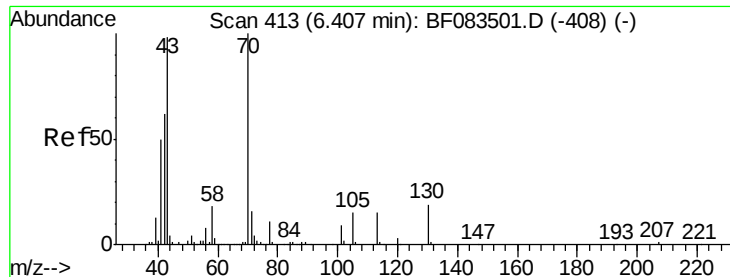
Tgt Ion:107 Resp: 390069
Ion Ratio Lower Upper
107 100
108 115.9 91.6 137.4
77 72.4 53.7 80.5
79 65.5 50.2 75.4



#18
Hexachloroethane
Concen: 43.72 ng
RT: 6.44 min Scan# 416
Delta R.T. -0.06 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion:117 Resp: 178100
Ion Ratio Lower Upper
117 100
119 97.7 77.2 115.8
201 93.2 86.8 130.2

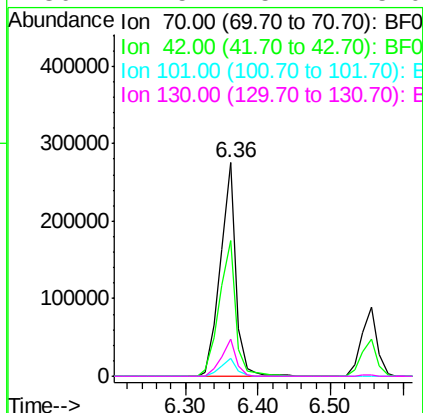




#19
n-Nitroso-di-n-propylamine
Concen: 47.70 ng
RT: 6.36 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

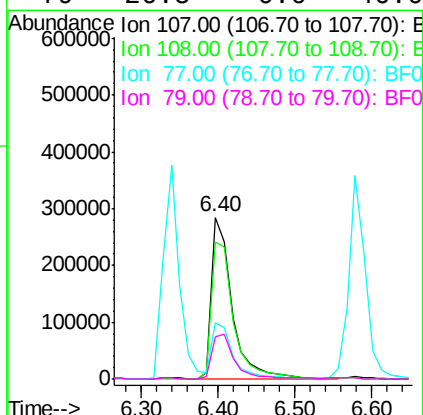
Instrument :
BNA_F
ClientSampleId :
PB87075BS

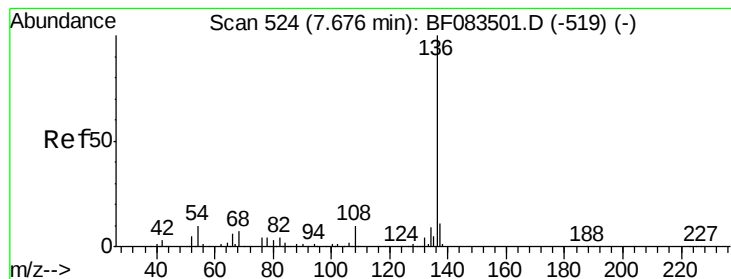
Tgt Ion:	70	Resp:	406289
Ion	Ratio	Lower	Upper
70	100		
42	63.6	49.2	73.8
101	8.6	7.1	10.7
130	17.5	15.4	23.0



#20
3+4-Methylphenols
Concen: 47.48 ng
RT: 6.40 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion:	107	Resp:	524542
Ion	Ratio	Lower	Upper
107	100		
108	84.9	65.2	105.2
77	34.7	15.2	55.2
79	26.5	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 520

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

Tgt Ion:136 Resp: 561613

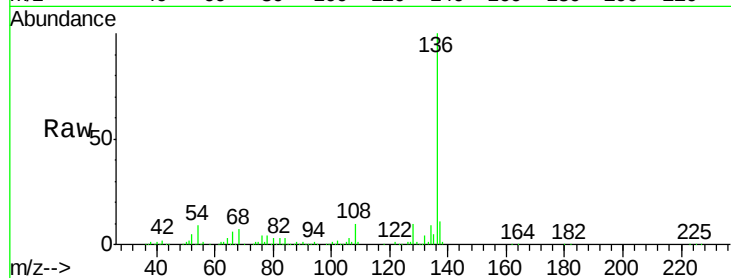
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.5 7.8 11.6

68 6.5 5.7 8.5

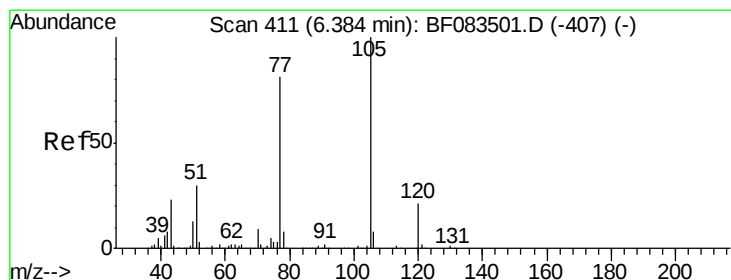
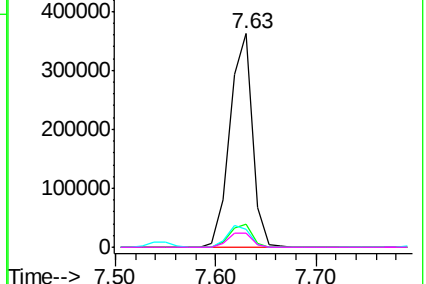
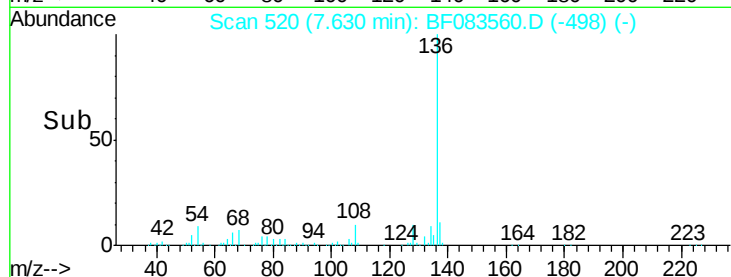


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.12 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion:105 Resp: 681491

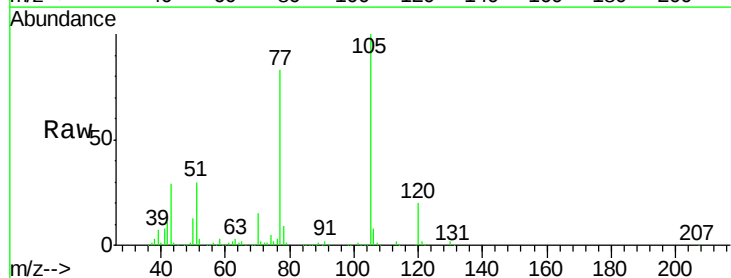
Ion Ratio Lower Upper

105 100

71 2.4 1.3 1.9#

51 30.2 23.8 35.8

120 20.1 16.7 25.1

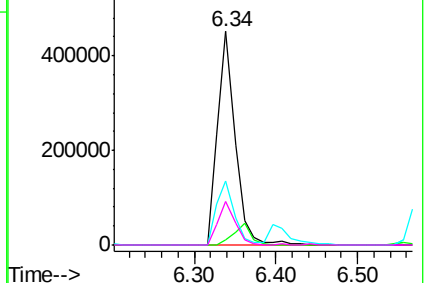
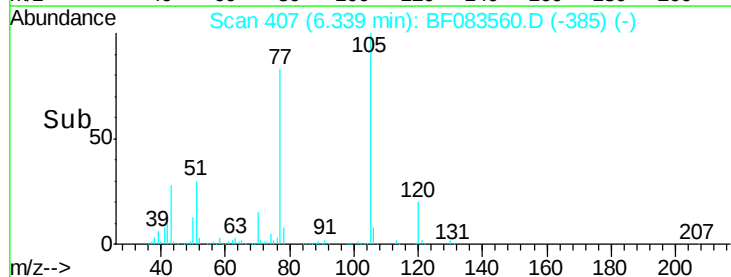


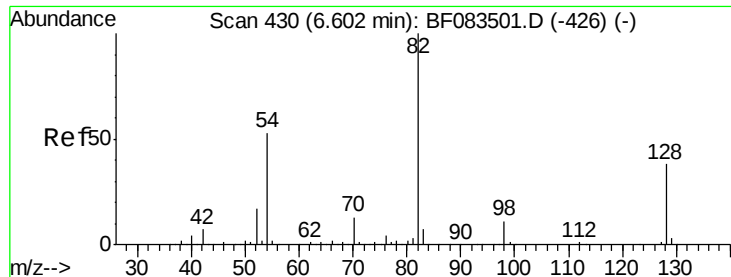
Abundance Ion 105.00 (104.70 to 105.70): E

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

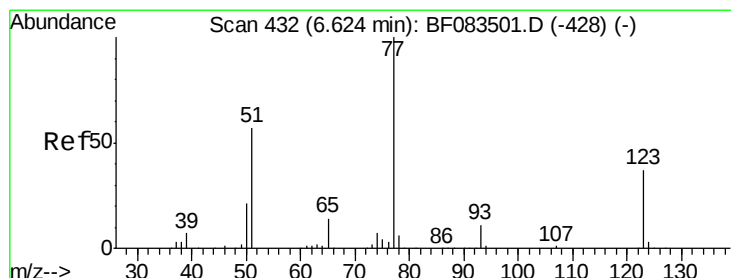
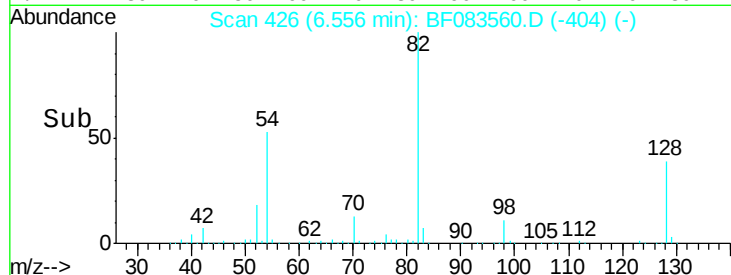
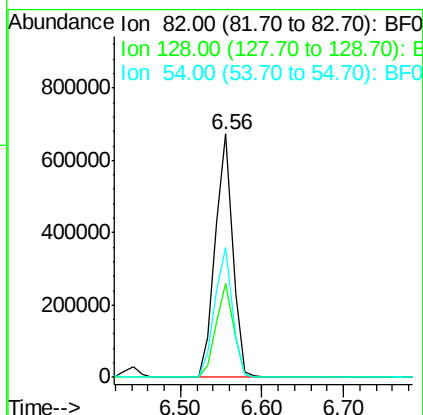
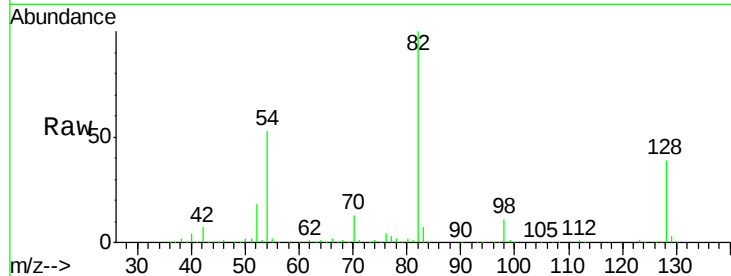




#23
 Nitrobenzene-d5
 Concen: 84.33 ng
 RT: 6.56 min Scan# 426
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

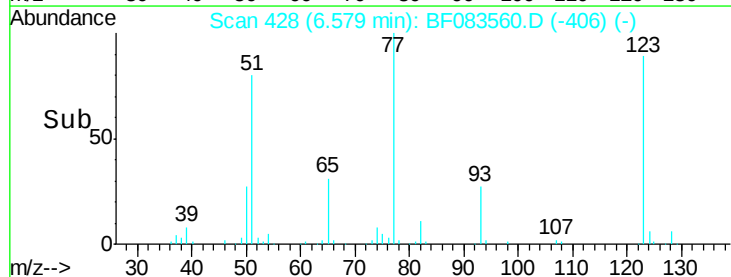
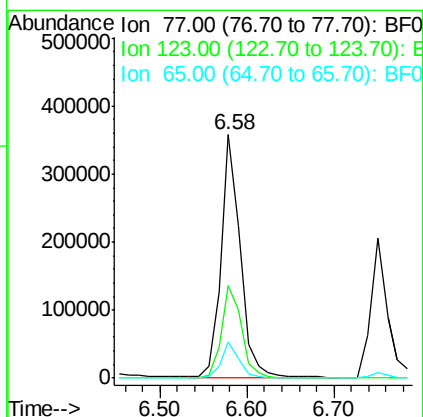
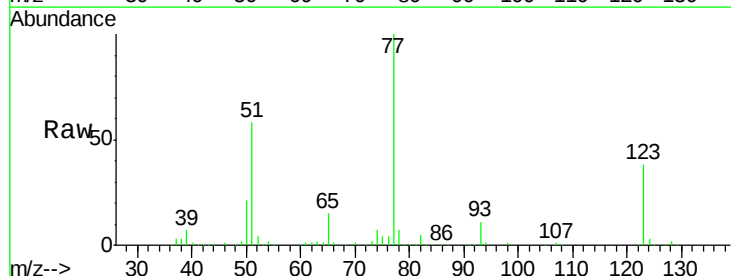
Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

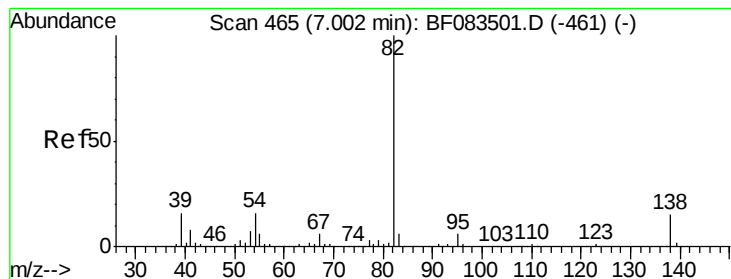
Tgt Ion: 82 Resp: 1013171
 Ion Ratio Lower Upper
 82 100
 128 38.6 30.7 46.1
 54 53.3 42.5 63.7



#24
 Nitrobenzene
 Concen: 41.52 ng
 RT: 6.58 min Scan# 428
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion: 77 Resp: 549375
 Ion Ratio Lower Upper
 77 100
 123 37.8 29.8 44.6
 65 14.8 11.1 16.7





#25

Isophorone

Concen: 44.23 ng

RT: 6.96 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

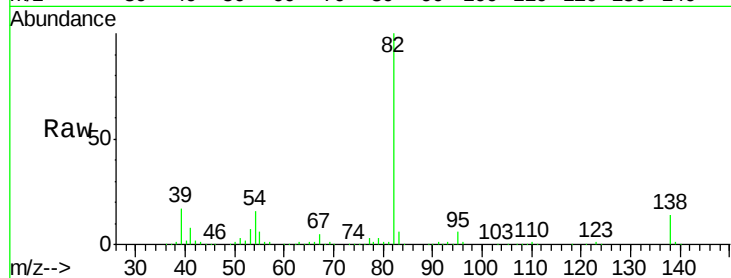
Tgt Ion: 82 Resp: 1020544

Ion Ratio Lower Upper

82 100

95 6.3 5.0 7.4

138 14.0 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BF083560.D (-461) (-)

Ion 95.00 (94.70 to 95.70): BF083560.D (-461) (-)

Ion 138.00 (137.70 to 138.70): BF083560.D (-461) (-)

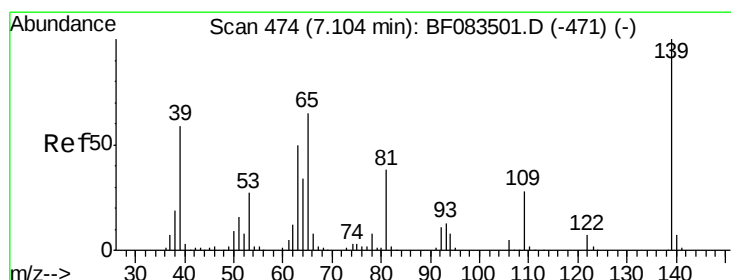
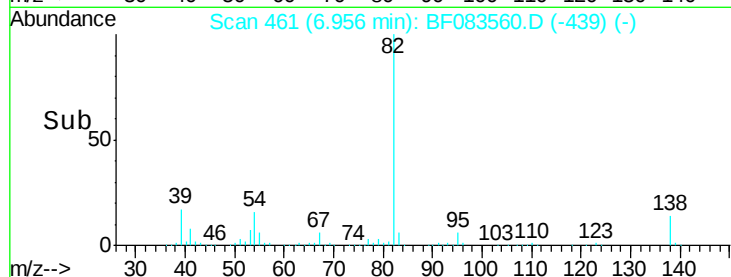
6.96

400000

200000

0

Time-->



#26

2-Nitrophenol

Concen: 45.96 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

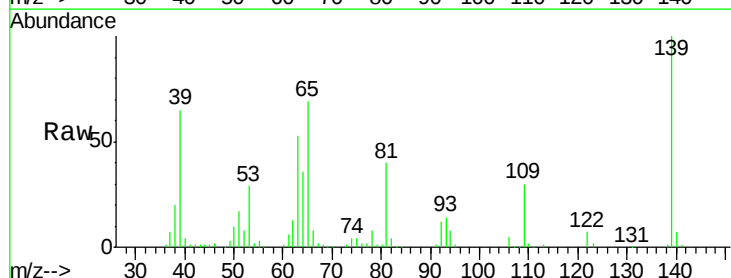
Tgt Ion: 139 Resp: 239993

Ion Ratio Lower Upper

139 100

109 29.7 22.7 34.1

65 68.9 51.8 77.8



Abundance Ion 139.00 (138.70 to 139.70): BF083560.D (-471) (-)

Ion 109.00 (108.70 to 109.70): BF083560.D (-471) (-)

Ion 65.00 (64.70 to 65.70): BF083560.D (-471) (-)

7.06

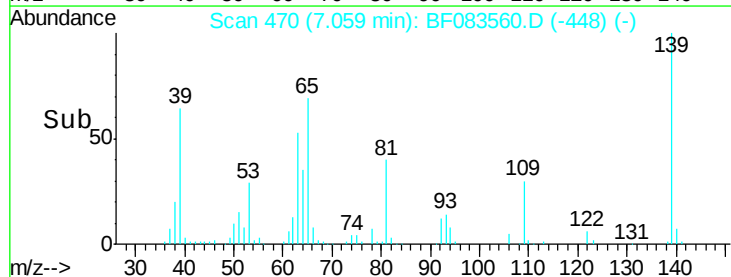
150000

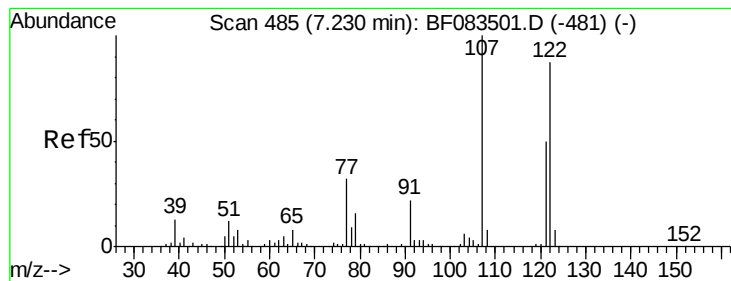
100000

50000

0

Time-->





#27

2,4-Dimethylphenol

Concen: 45.47 ng

RT: 7.18 min Scan# 481

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

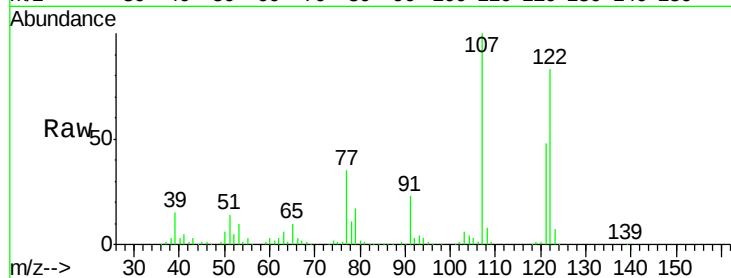
Tgt Ion:122 Resp: 419467

Ion Ratio Lower Upper

122 100

107 120.7 92.4 138.6

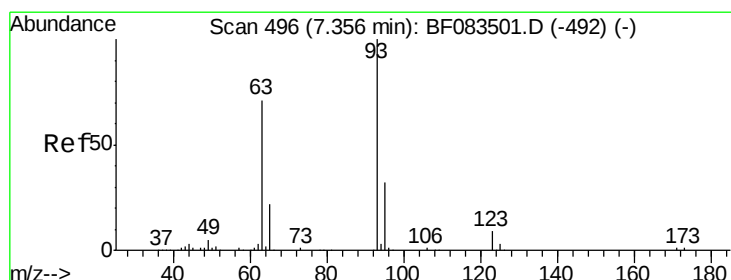
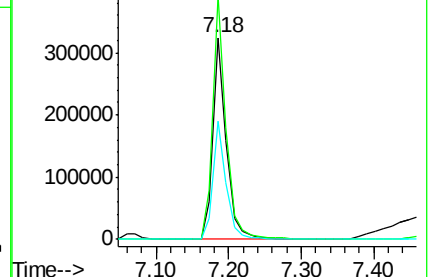
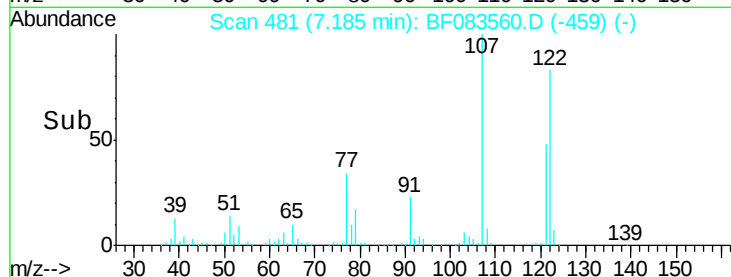
121 58.4 45.8 68.6



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: 47.76 ng

RT: 7.31 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

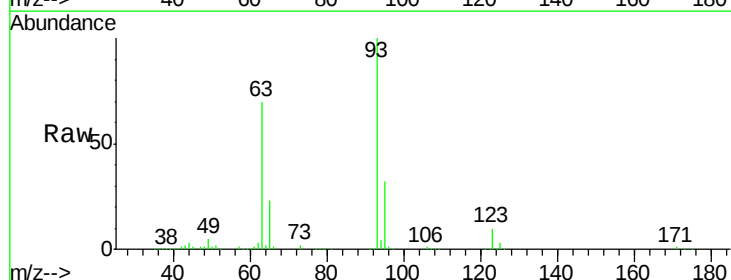
Tgt Ion: 93 Resp: 614189

Ion Ratio Lower Upper

93 100

95 32.4 25.6 38.4

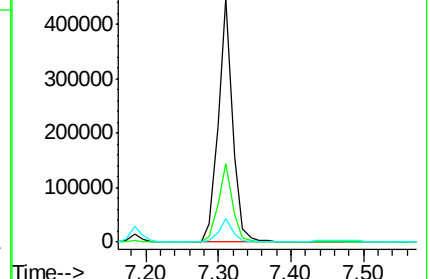
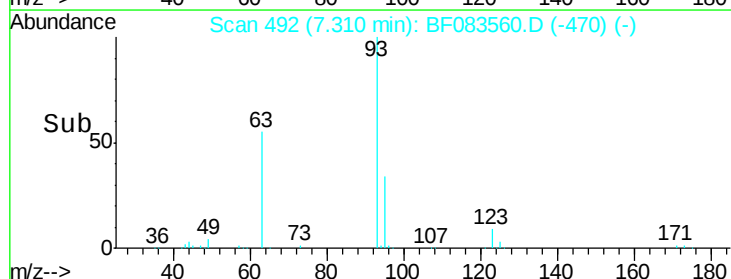
123 9.6 7.3 10.9

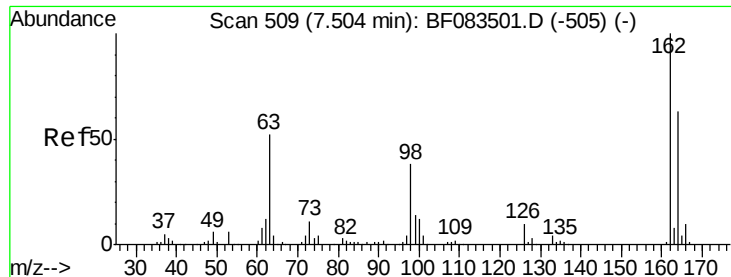


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

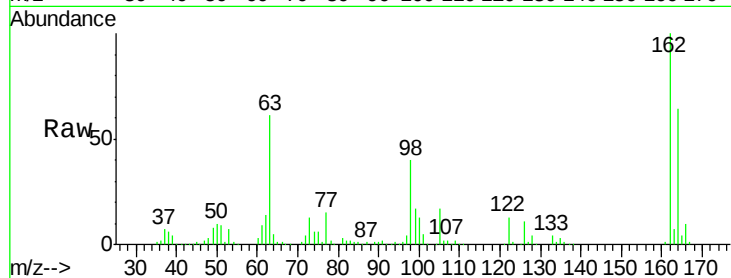




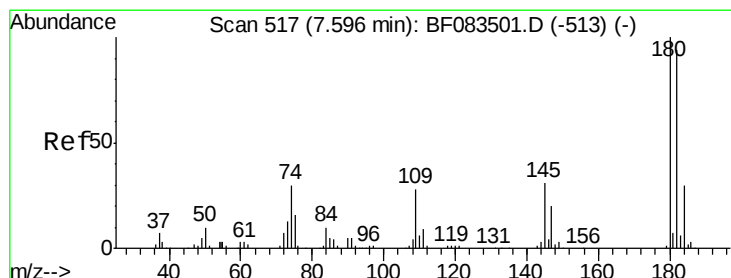
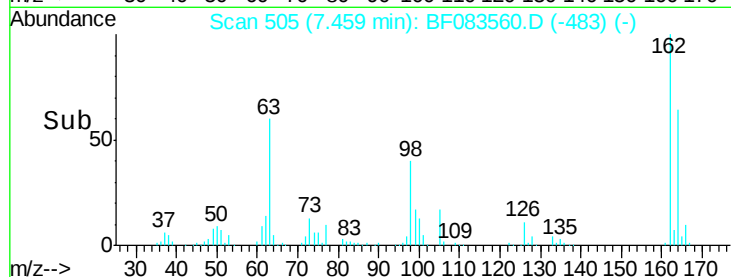
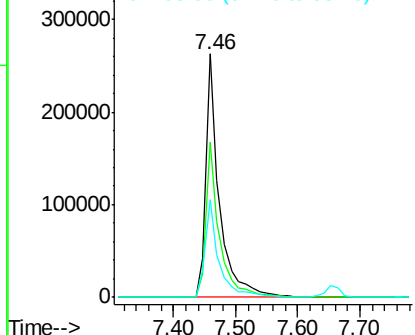
#29
 2,4-Dichlorophenol
 Concen: 47.47 ng
 RT: 7.46 min Scan# 505
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Tgt Ion:162 Resp: 395442
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.4 83.4
 98 40.1 17.5 57.5

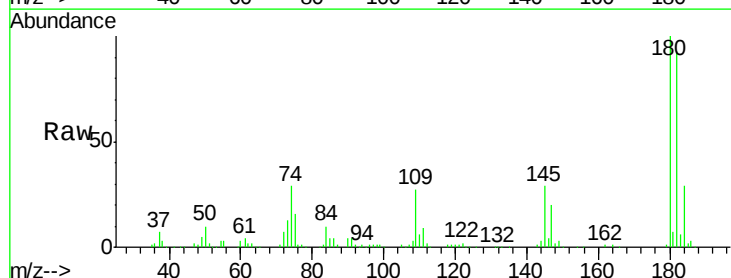


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

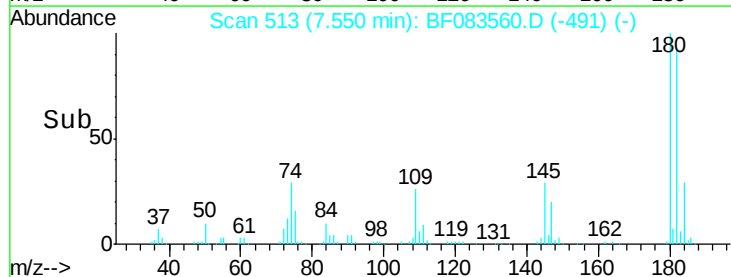
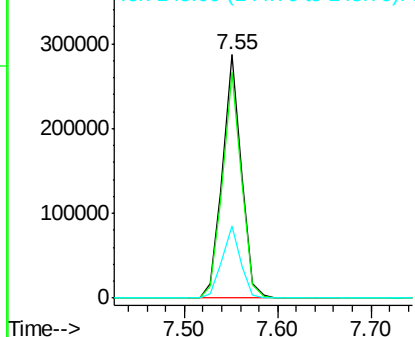


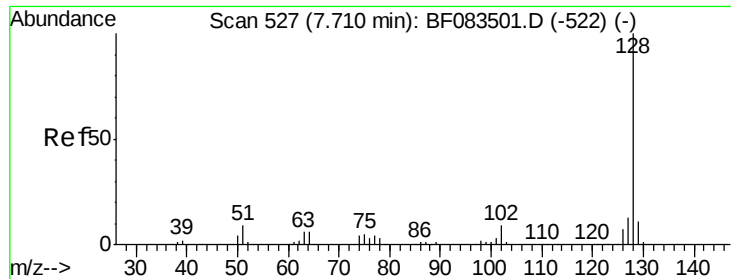
#30
 1,2,4-Trichlorobenzene
 Concen: 43.98 ng
 RT: 7.55 min Scan# 513
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion:180 Resp: 405047
 Ion Ratio Lower Upper
 180 100
 182 92.6 74.9 112.3
 145 29.4 24.7 37.1



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

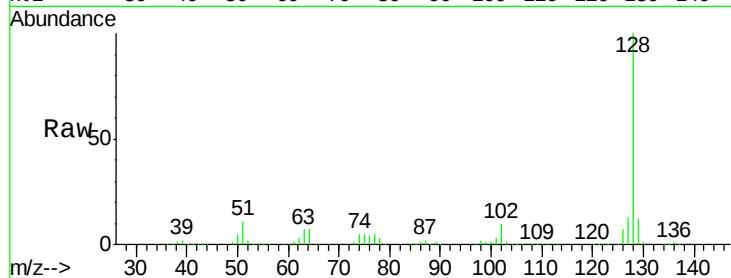




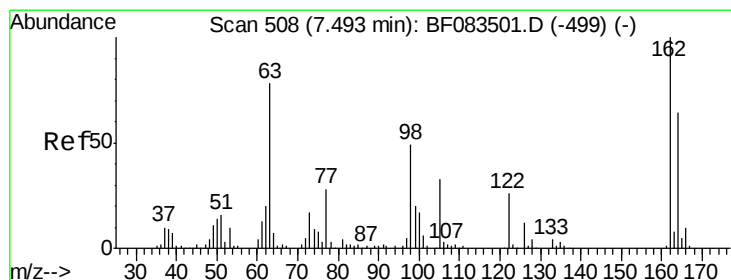
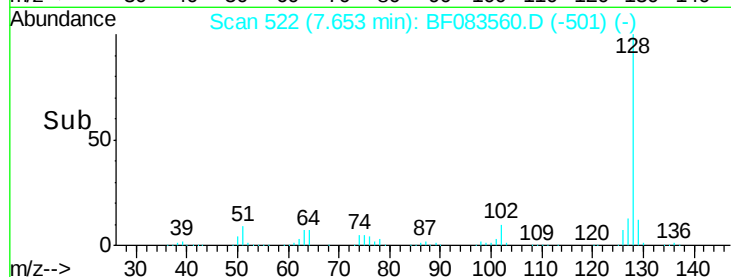
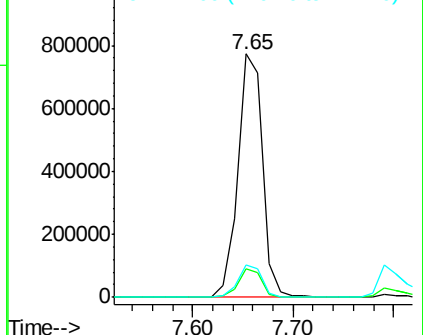
#31
Naphthalene
Concen: 43.91 ng
RT: 7.65 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tgt Ion:128 Resp: 1312581
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 13.2 10.6 16.0

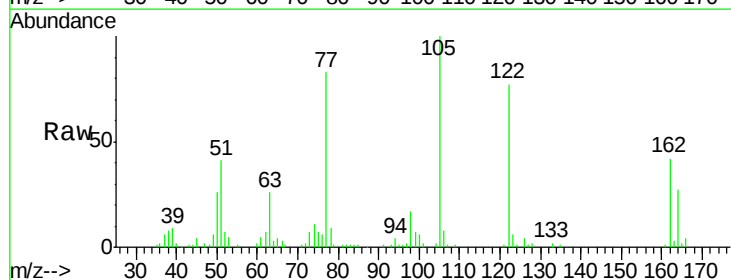


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

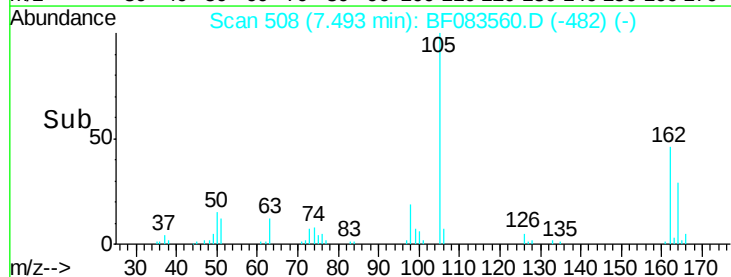
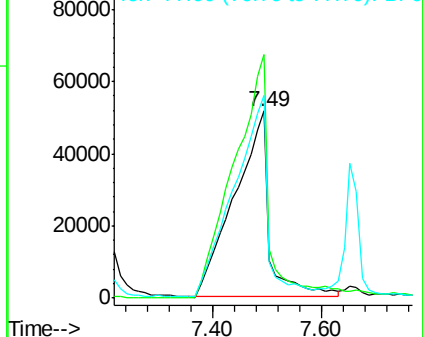


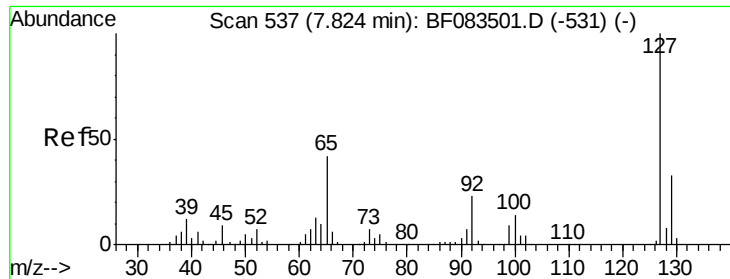
#32
Benzoic acid
Concen: 44.13 ng
RT: 7.49 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion:122 Resp: 230032
Ion Ratio Lower Upper
122 100
105 130.1 105.6 145.6
77 108.4 86.8 126.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

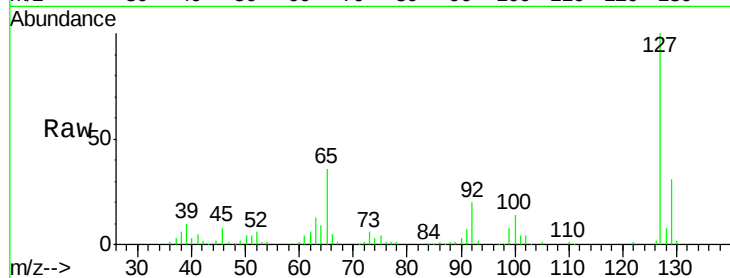




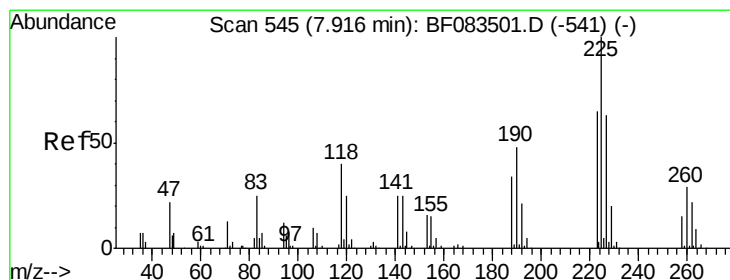
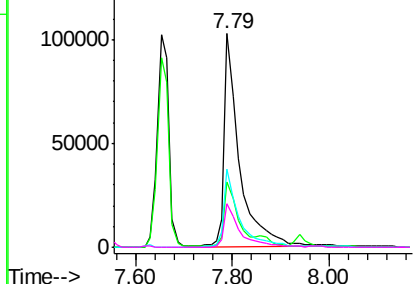
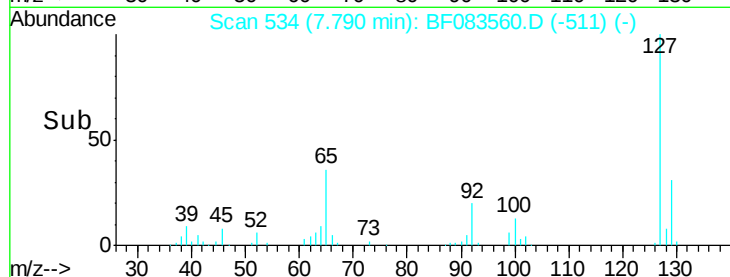
#33
4-Chloroaniline
Concen: 19.39 ng
RT: 7.79 min Scan# 534
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tgt Ion:	127	Resp:	226689
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.1	39.1
65	36.3	33.5	50.3
92	20.2	18.6	28.0

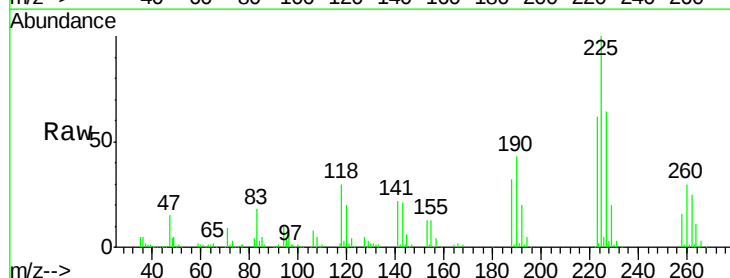


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

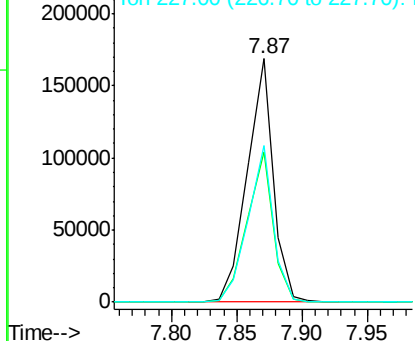
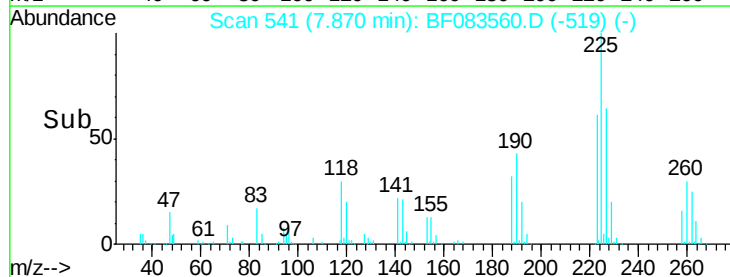


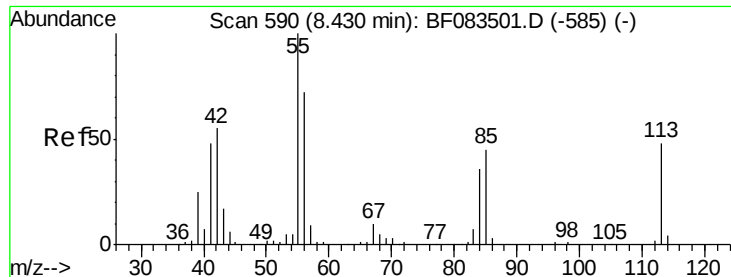
#34
Hexachlorobutadiene
Concen: 43.11 ng
RT: 7.87 min Scan# 541
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion:	225	Resp:	234630
Ion	Ratio	Lower	Upper
225	100		
223	61.5	52.3	78.5
227	64.3	50.4	75.6



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





#35

Caprolactam

Concen: 25.55 ng

RT: 8.40 min Scan# 587

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

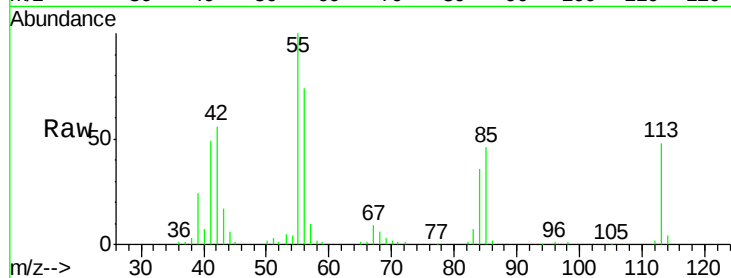
Tgt Ion:113 Resp: 67695

Ion Ratio Lower Upper

113 100

55 206.6 189.7 229.7

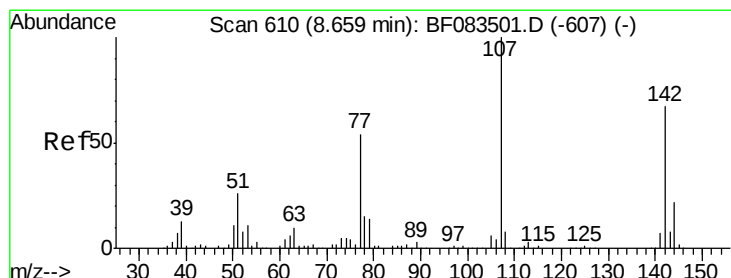
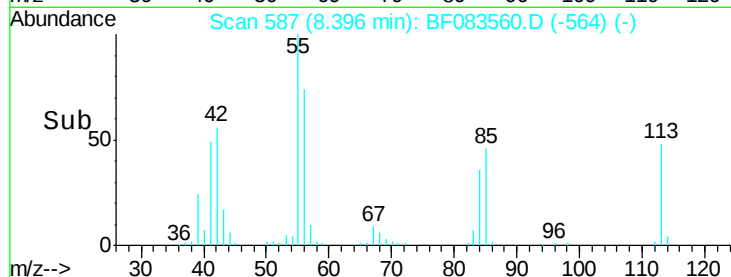
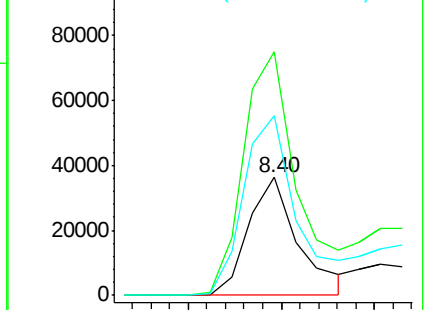
56 152.4 130.7 170.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.33 ng

RT: 8.64 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

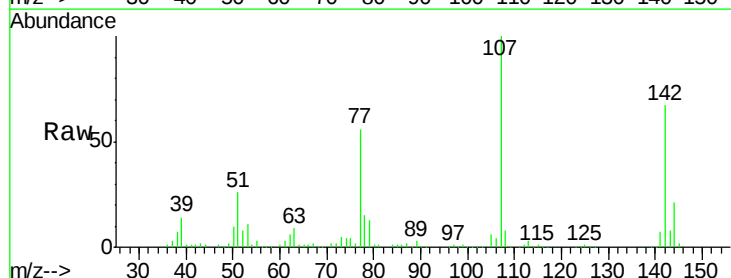
Tgt Ion:107 Resp: 434370

Ion Ratio Lower Upper

107 100

144 21.4 17.5 26.3

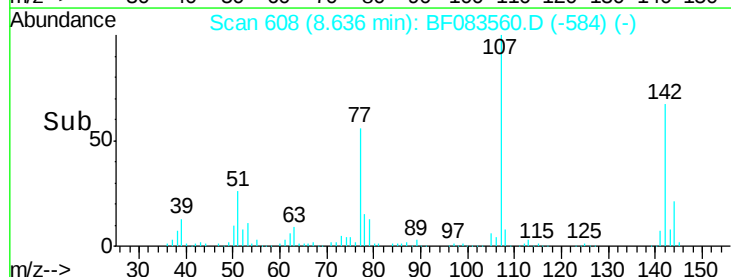
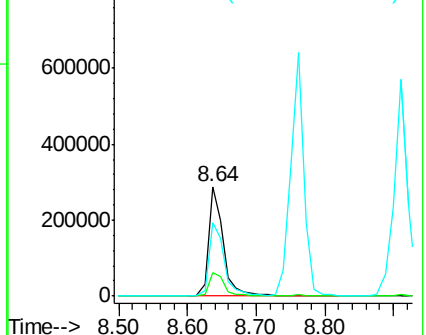
142 67.5 53.6 80.4

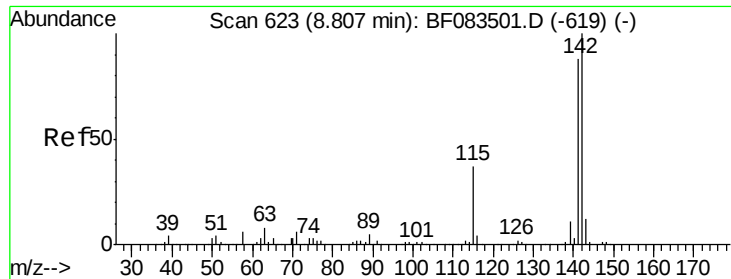


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

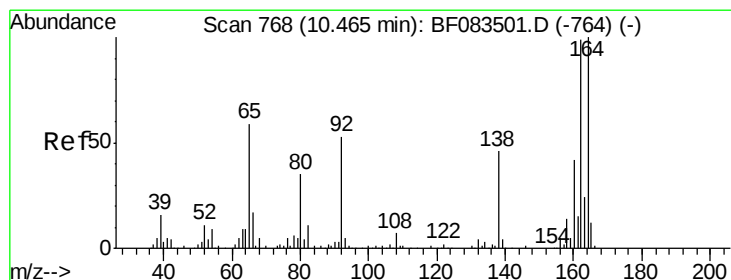
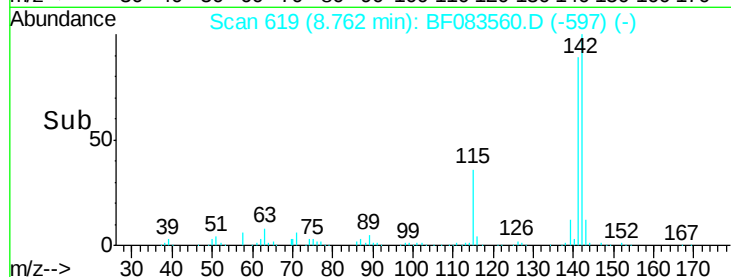
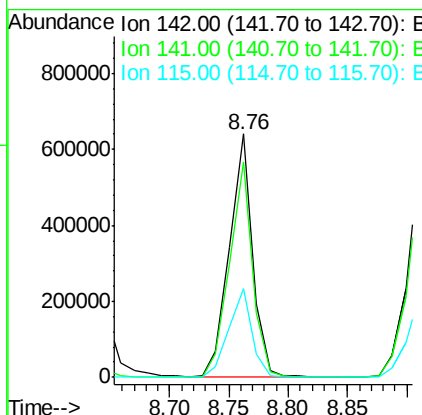
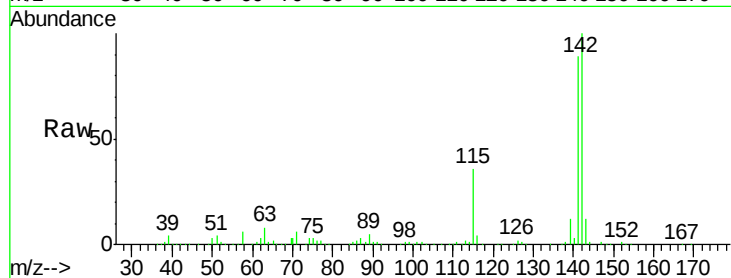




#37
 2-Methylnaphthalene
 Concen: 47.35 ng
 RT: 8.76 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

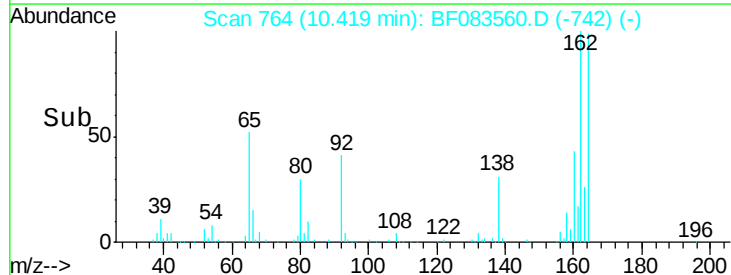
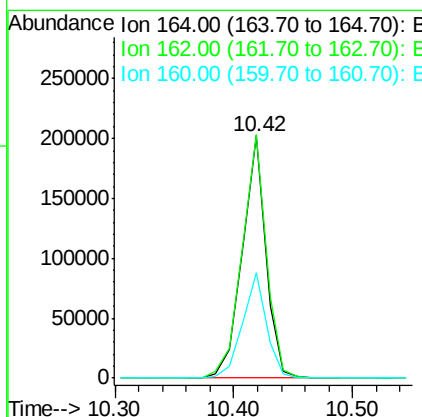
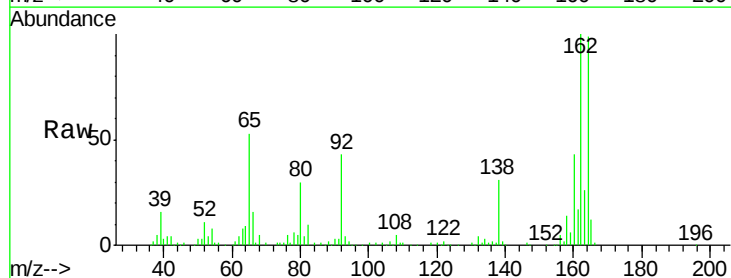
Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

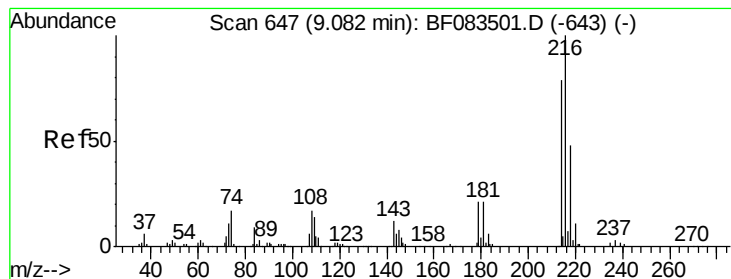
Tgt Ion:142 Resp: 875275
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.3 105.5
 115 36.5 29.2 43.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion:164 Resp: 281007
 Ion Ratio Lower Upper
 164 100
 162 100.5 78.8 118.2
 160 43.5 33.4 50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.61 ng

RT: 9.04 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

Tgt Ion:216 Resp: 393763

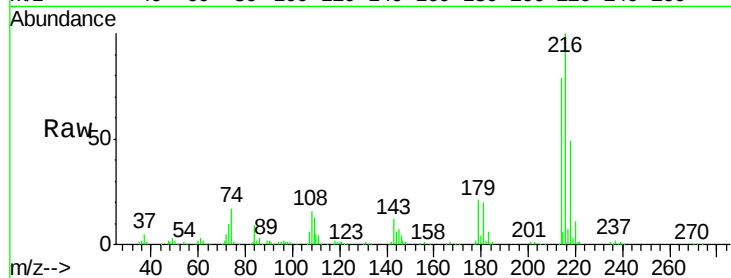
Ion Ratio Lower Upper

216 100

214 79.1 0.0 0.0#

179 21.6 0.0 0.0#

108 20.5 0.0 0.0#

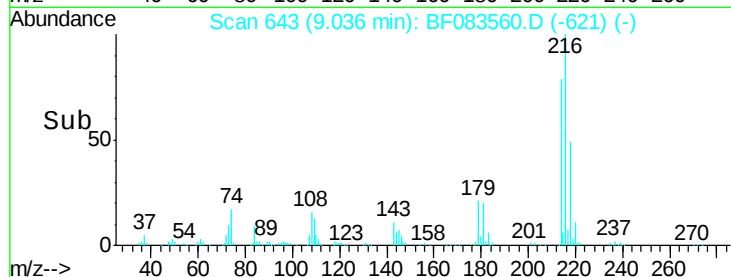


Abundance Ion 216.00 (215.70 to 216.70): E

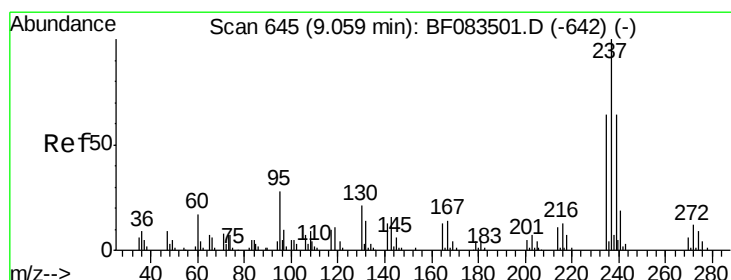
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.90 9.00 9.10 9.20



#40

Hexachlorocyclopentadiene

Concen: 63.46 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.04 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

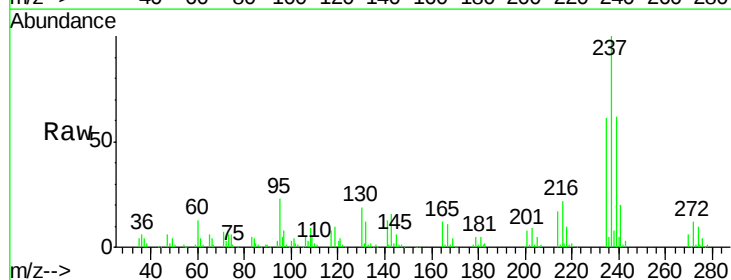
Tgt Ion:237 Resp: 220953

Ion Ratio Lower Upper

237 100

235 61.4 43.9 83.9

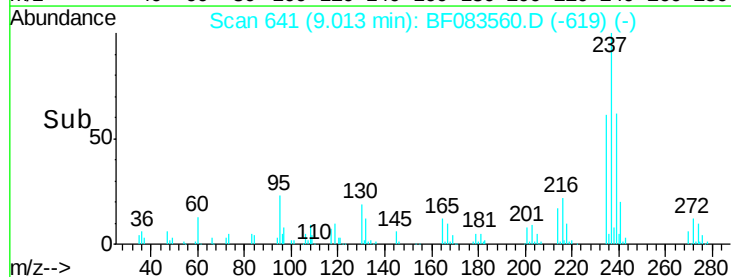
272 12.1 0.0 31.8



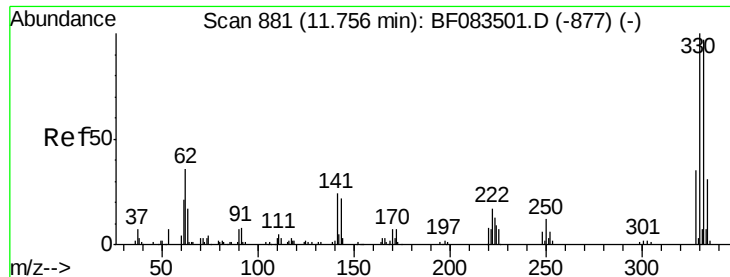
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



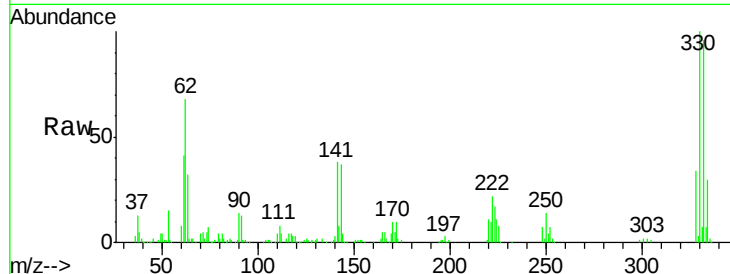
Time--> 8.90 8.95 9.00 9.05 9.10



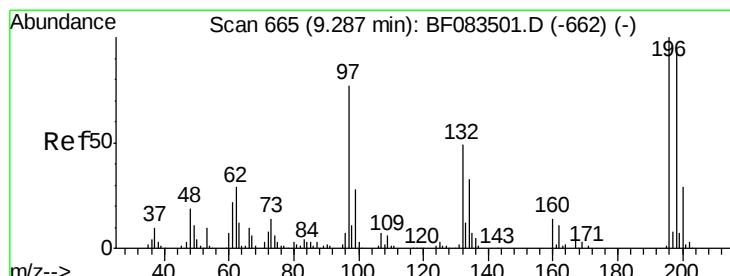
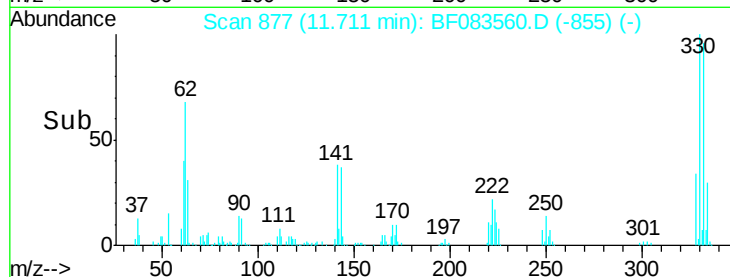
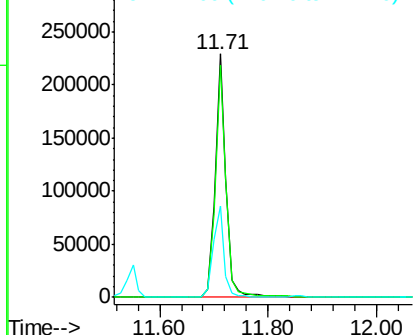
#41
 2,4,6-Tribromophenol
 Concen: 126.60 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	37.6	0.0	0.0#

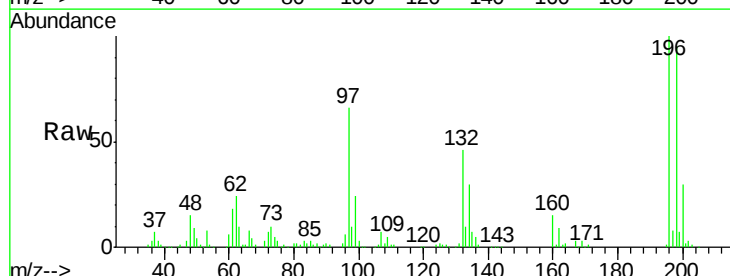


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

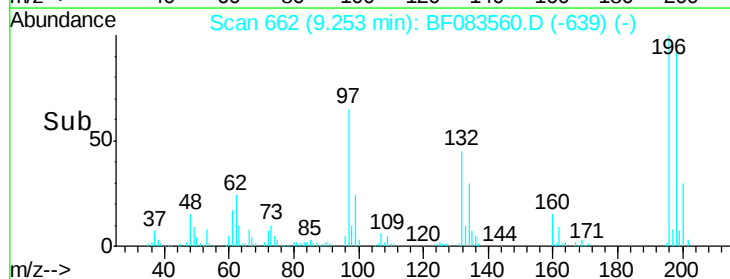
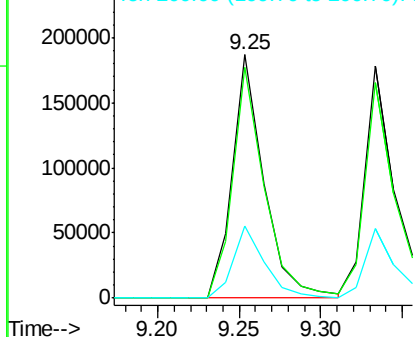


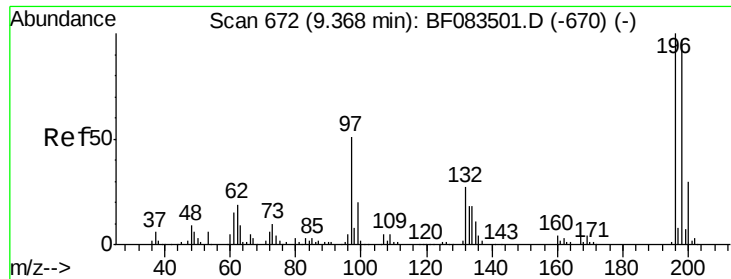
#42
 2,4,6-Trichlorophenol
 Concen: 43.29 ng
 RT: 9.25 min Scan# 662
 Delta R.T. -0.03 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.2	112.8
200	29.6	23.0	34.6



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

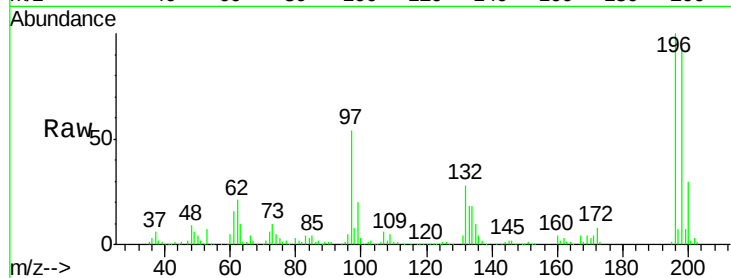




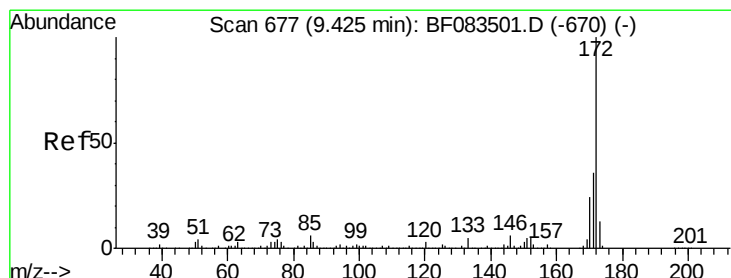
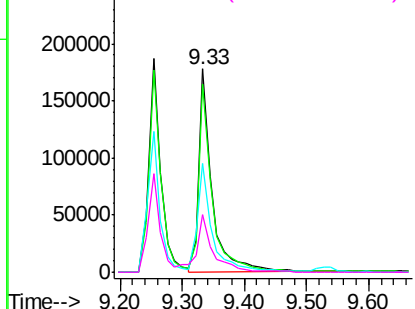
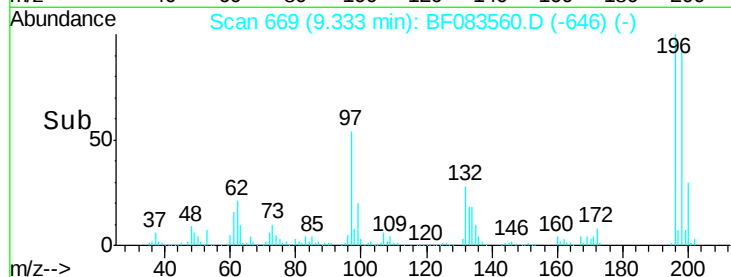
#43
 2,4,5-Trichlorophenol
 Concen: 44.24 ng
 RT: 9.33 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Tgt Ion:196 Resp: 264372
 Ion Ratio Lower Upper
 196 100
 198 93.0 77.7 116.5
 97 53.8 41.2 61.8
 132 28.5 21.8 32.8

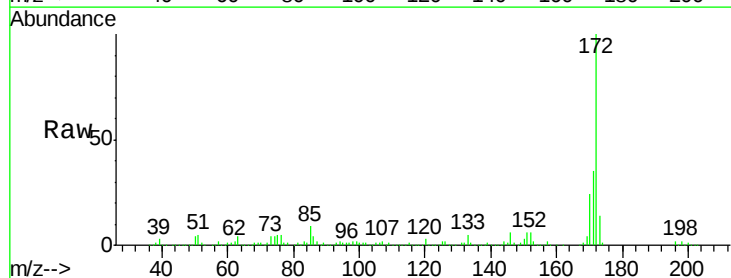


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

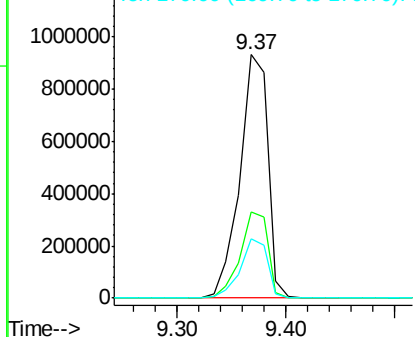
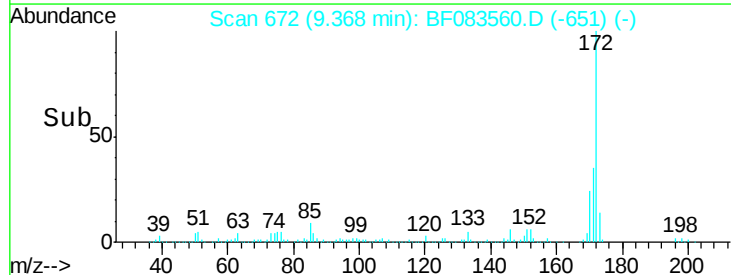


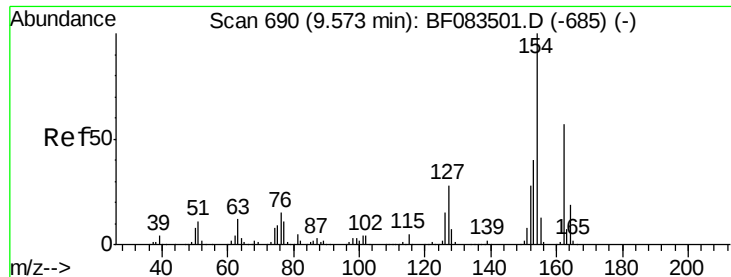
#44
 2-Fluorobiphenyl
 Concen: 80.11 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion:172 Resp: 1659781
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 24.4 19.4 29.0



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: 41.38 ng

RT: 9.52 min Scan# 685

Delta R.T. -0.06 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

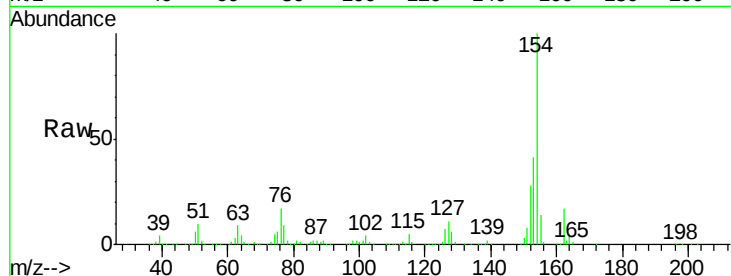
Tgt Ion:154 Resp: 1033210

Ion Ratio Lower Upper

154 100

153 40.5 20.2 60.2

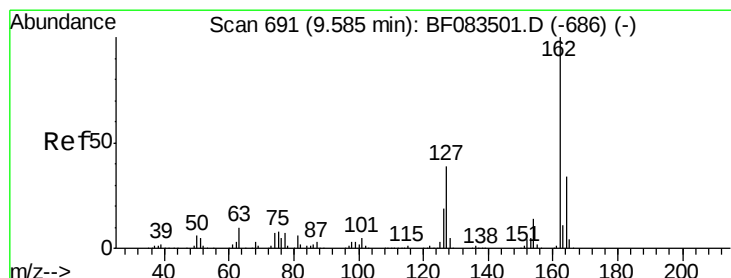
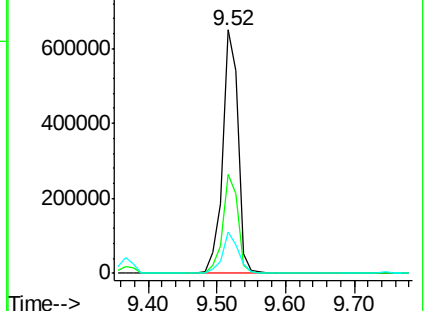
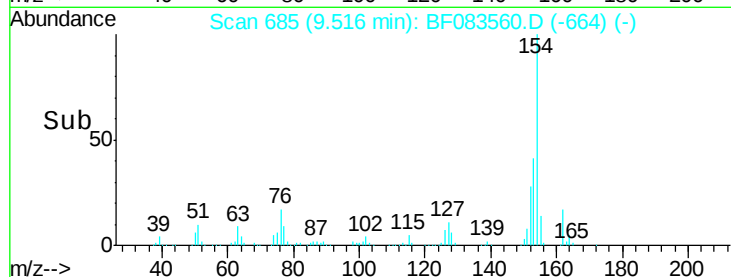
76 17.1 0.0 34.8



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: 43.91 ng

RT: 9.54 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

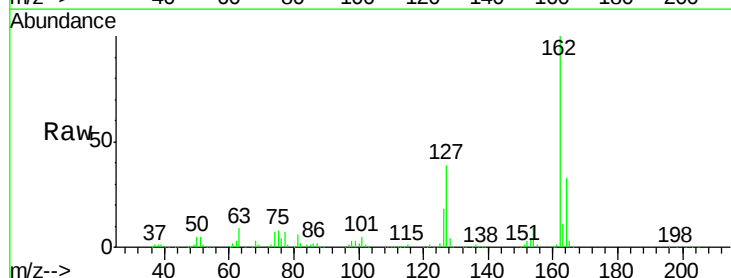
Tgt Ion:162 Resp: 826219

Ion Ratio Lower Upper

162 100

127 38.7 31.0 46.4

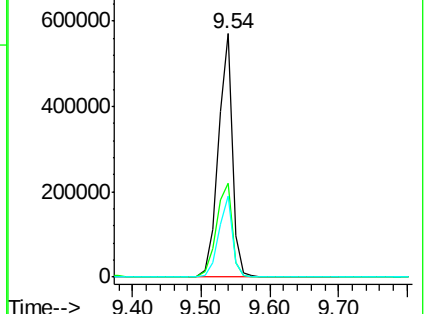
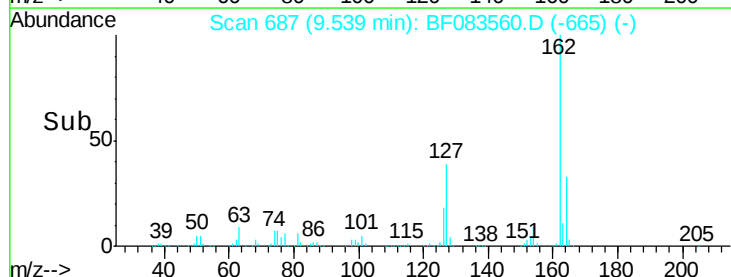
164 33.3 27.4 41.0

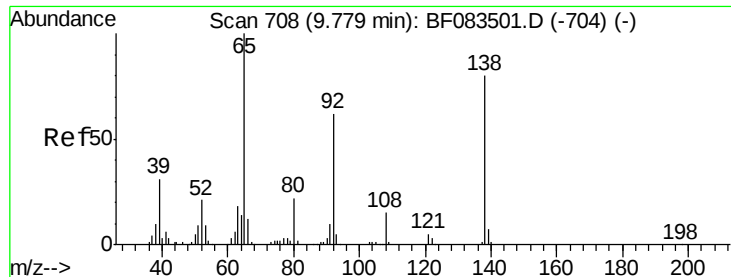


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

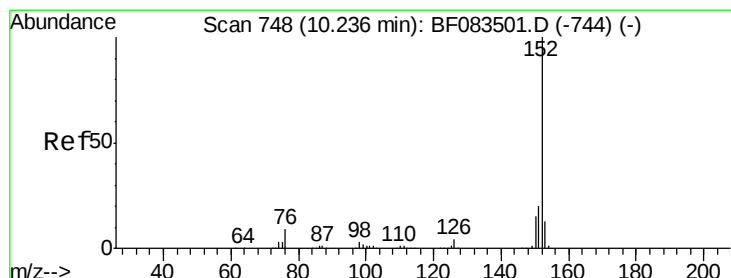
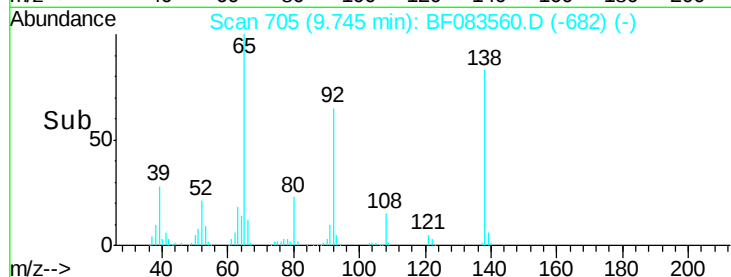
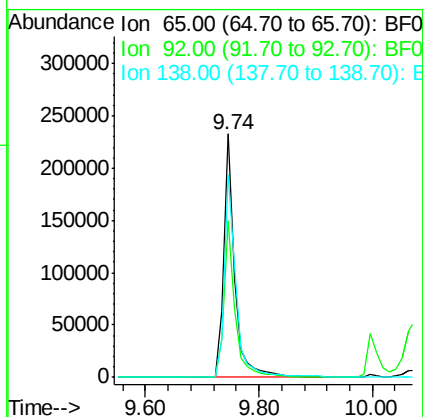
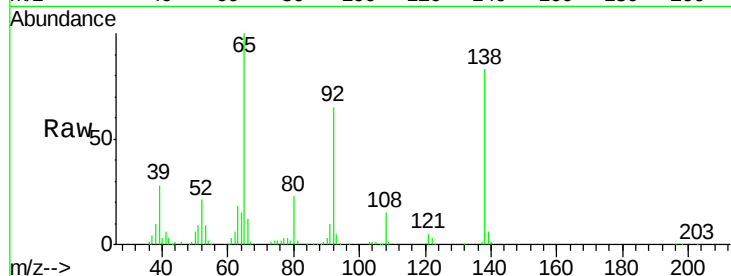




#47
2-Nitroaniline
Concen: 47.61 ng
RT: 9.74 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

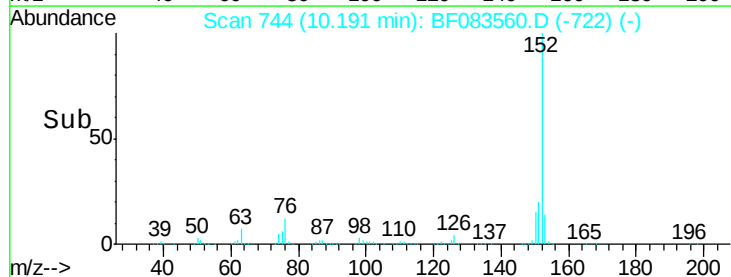
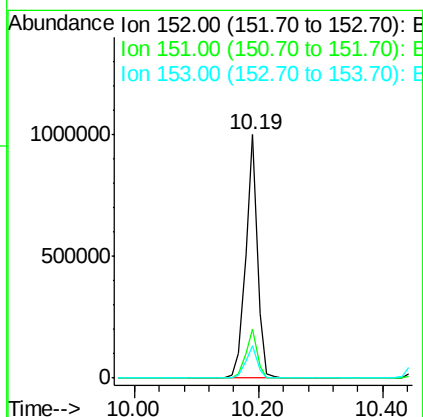
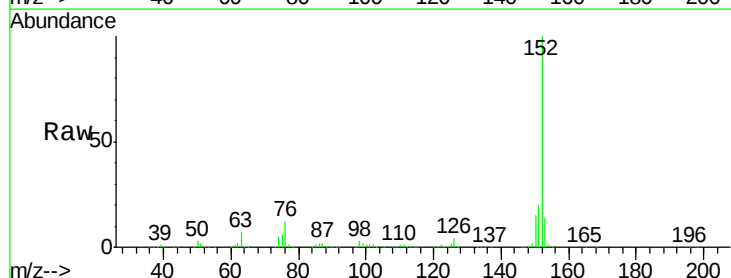
Instrument :
BNA_F
ClientSampleId :
PB87075BS

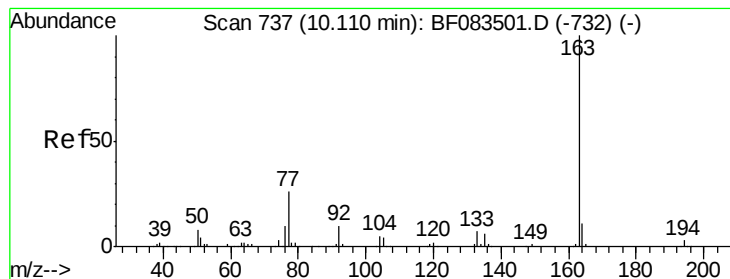
Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.5	49.6	74.4
138	83.0	64.1	96.1



#48
Acenaphthylene
Concen: 42.87 ng
RT: 10.19 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.6	10.8	16.2





#49

Dimethylphthalate

Concen: 44.63 ng

RT: 10.08 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

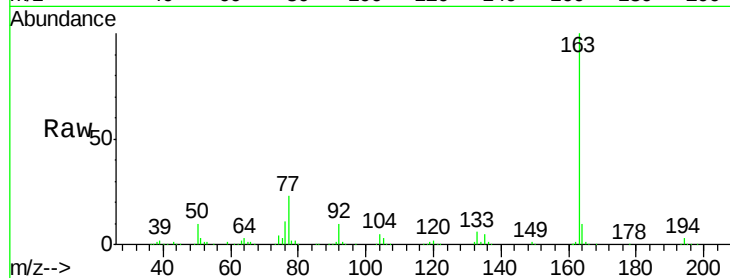
Tgt Ion:163 Resp: 987018

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

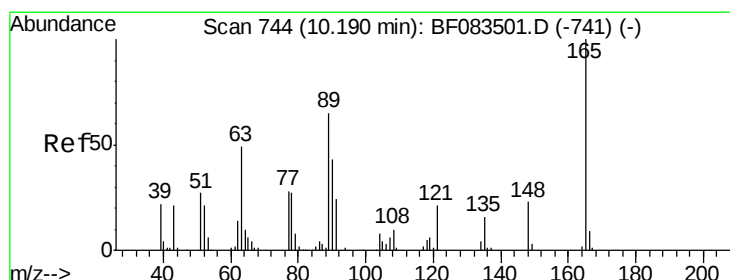
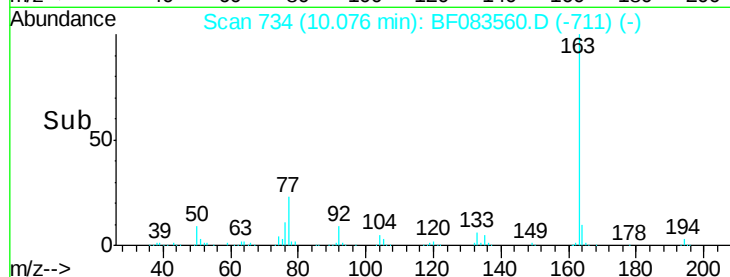
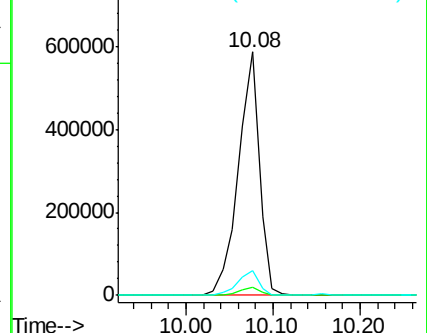
164 10.1 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.04 ng

RT: 10.16 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

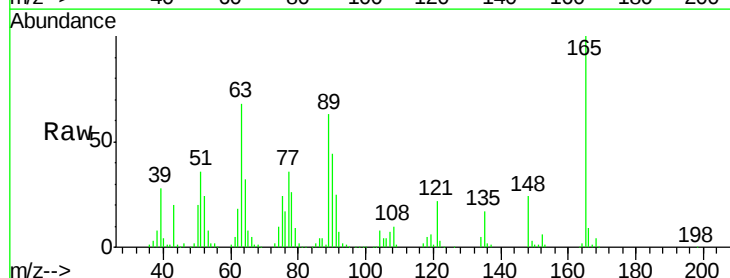
Tgt Ion:165 Resp: 214423

Ion Ratio Lower Upper

165 100

63 68.0 56.9 85.3

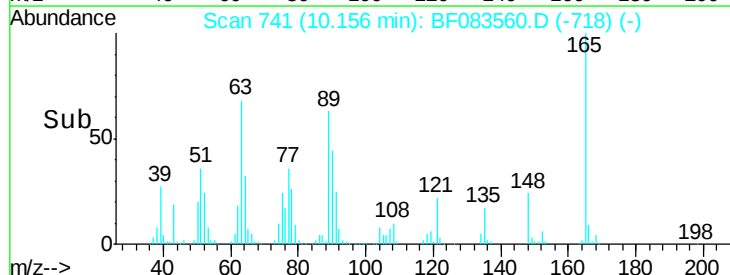
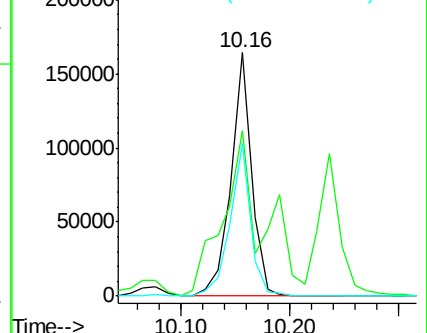
89 62.5 52.1 78.1

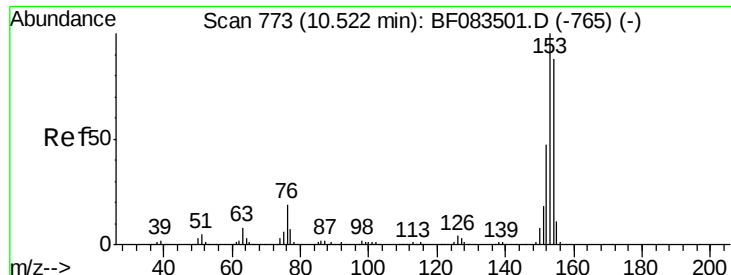


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.80 ng

RT: 10.48 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

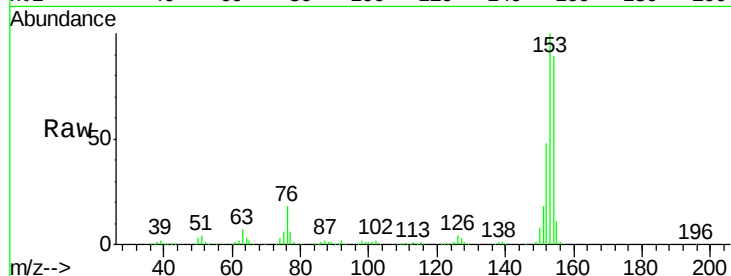
Tgt Ion:154 Resp: 776609

Ion Ratio Lower Upper

154 100

153 112.4 91.4 137.0

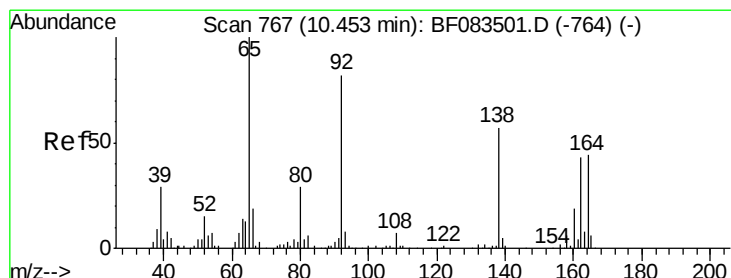
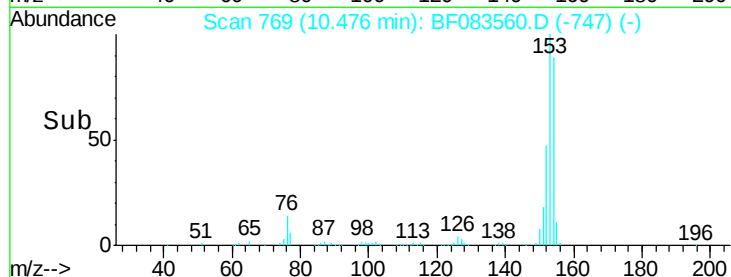
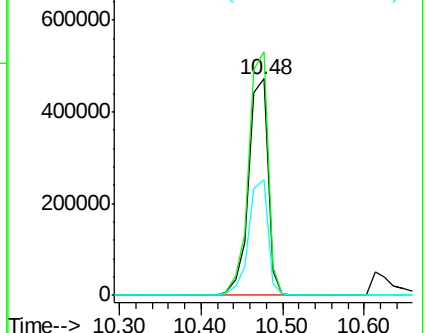
152 53.4 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.77 ng

RT: 10.42 min Scan# 764

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

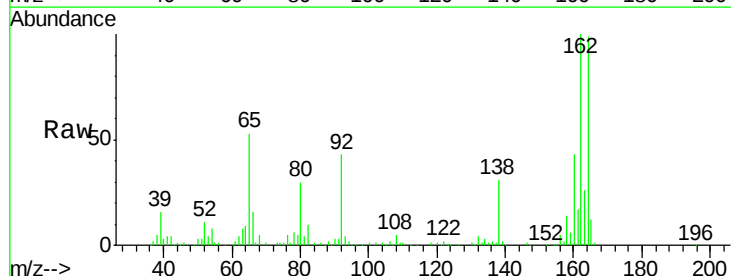
Tgt Ion:138 Resp: 129369

Ion Ratio Lower Upper

138 100

108 17.4 9.9 14.9#

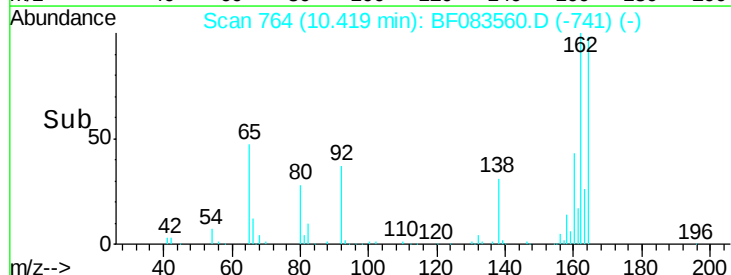
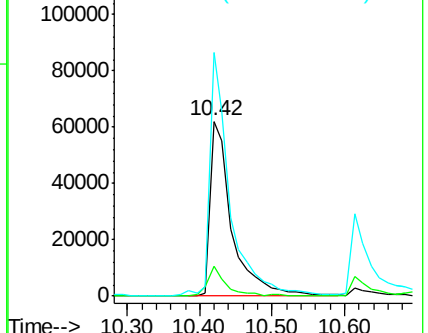
92 139.0 113.8 170.8

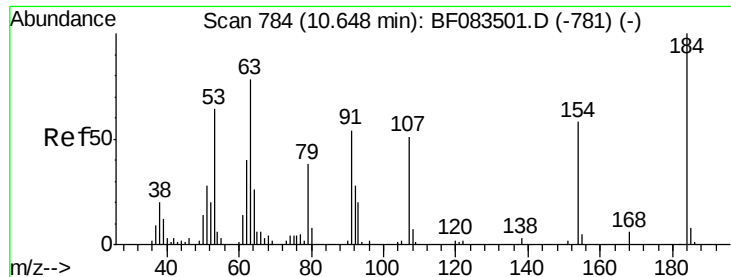


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

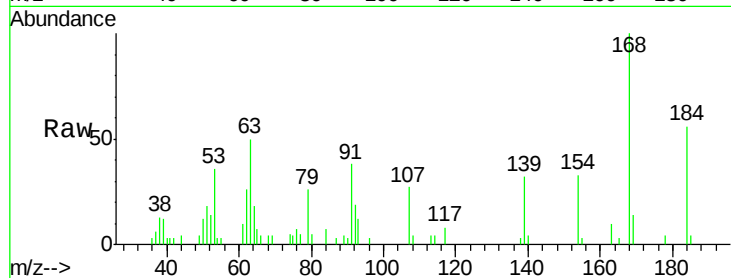




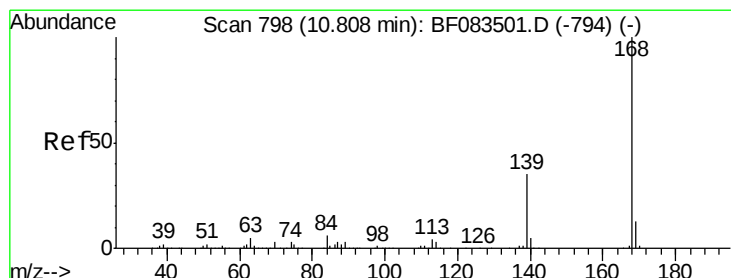
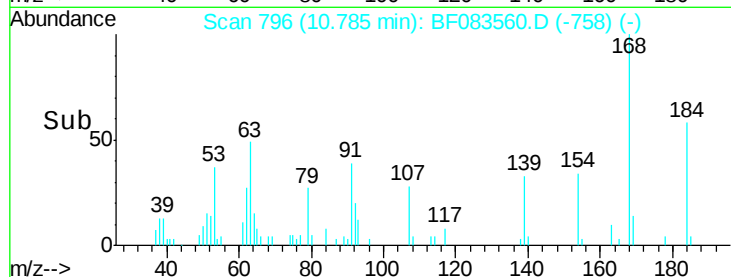
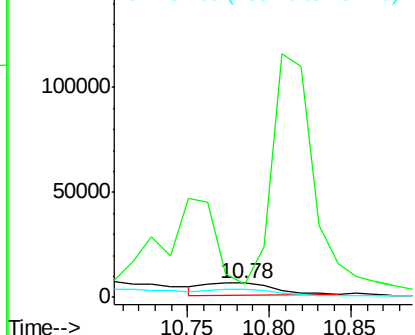
#53
 2,4-Dinitrophenol
 Concen: 13.77 ng
 RT: 10.78 min Scan# 796
 Delta R.T. 0.14 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Tgt Ion:184 Resp: 16413
 Ion Ratio Lower Upper
 184 100
 63 89.2 62.4 93.6
 154 59.5 46.6 69.8

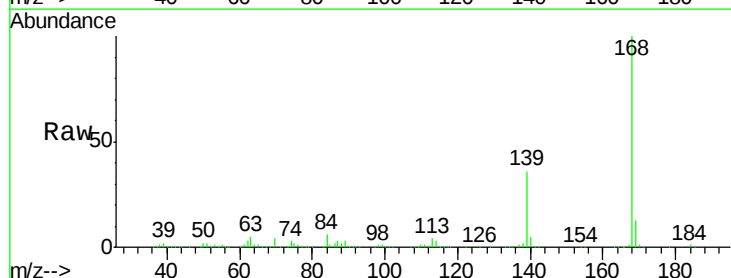


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

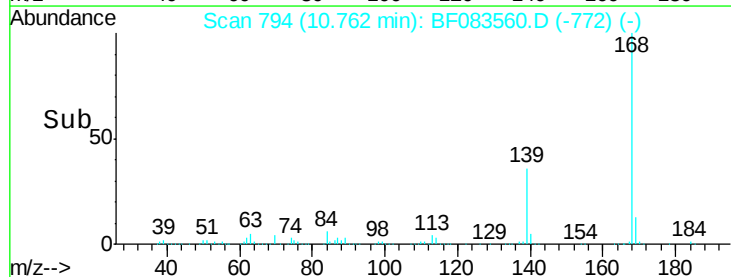
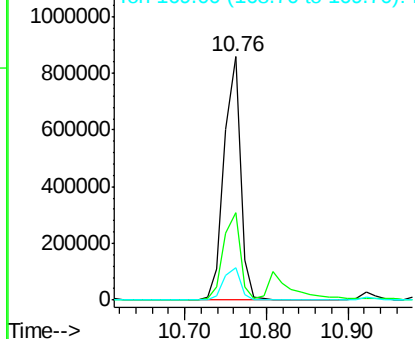


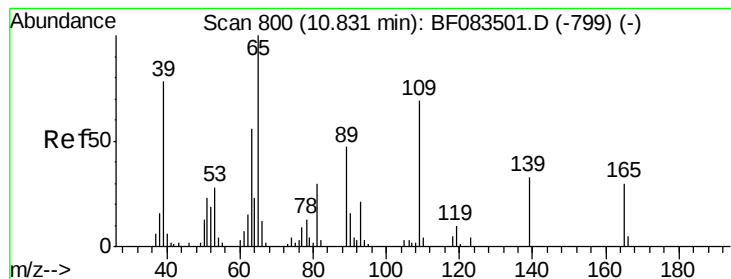
#54
 Dibenzofuran
 Concen: 48.81 ng
 RT: 10.76 min Scan# 794
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion:168 Resp: 1198883
 Ion Ratio Lower Upper
 168 100
 139 35.8 28.0 42.0
 169 13.5 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 79.95 ng

RT: 10.81 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

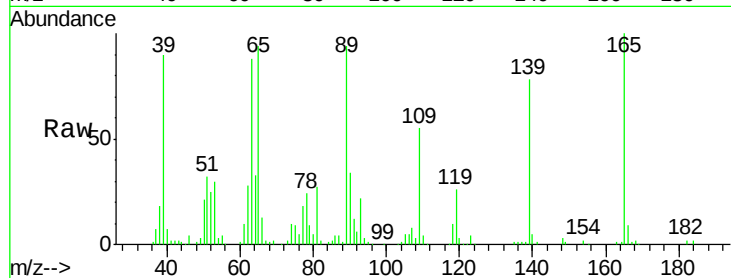
Tgt Ion:139 Resp: 226096

Ion Ratio Lower Upper

139 100

109 71.0 42.0 82.0

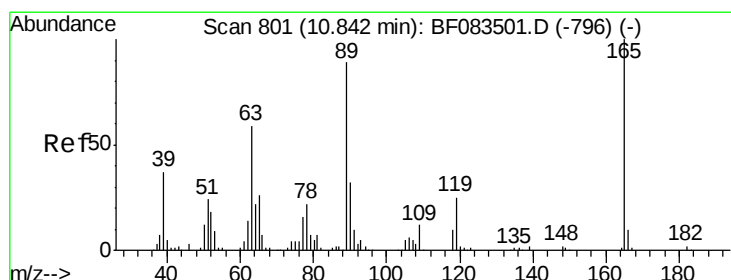
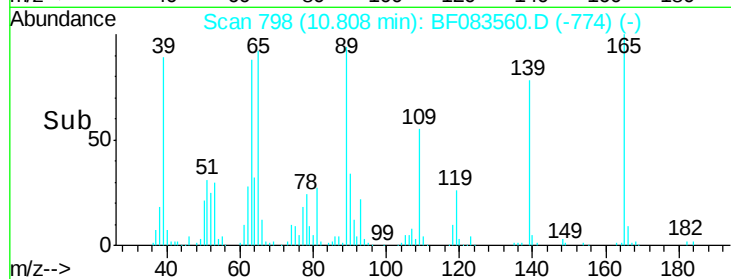
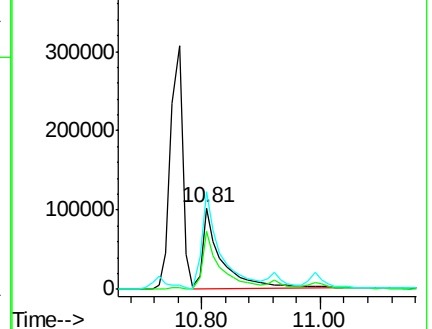
65 120.6 89.2 129.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.57 ng

RT: 10.82 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion:165 Resp: 295441

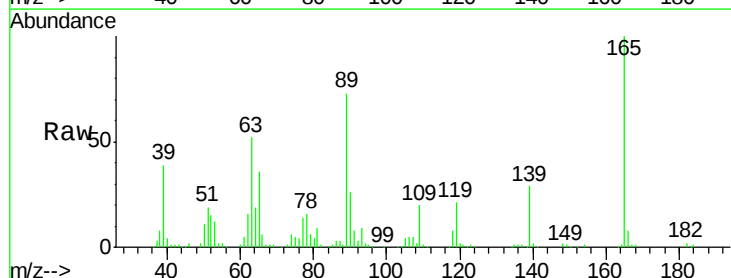
Ion Ratio Lower Upper

165 100

63 52.4 51.4 77.2

89 73.4 72.6 108.8

182 2.1 1.4 2.0#

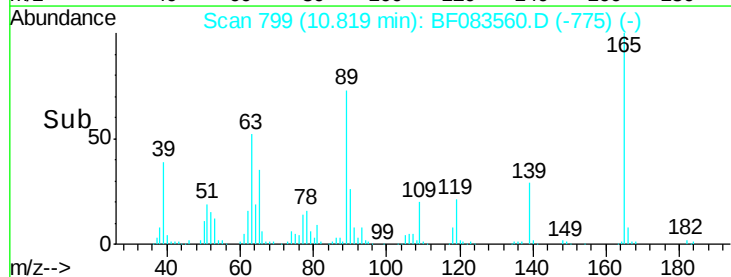
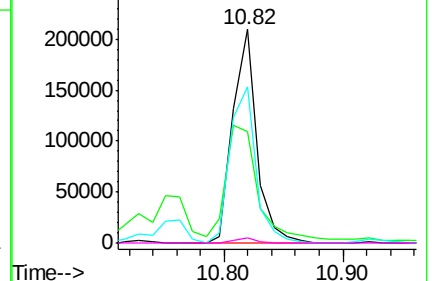


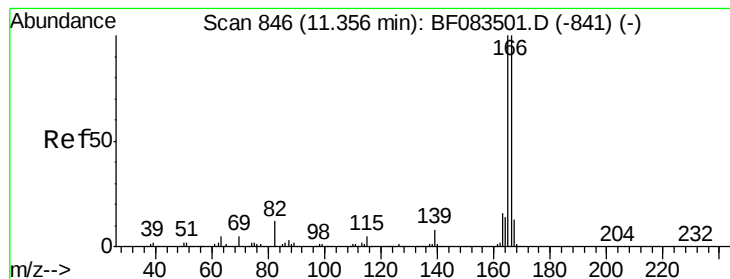
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.74 ng

RT: 11.31 min Scan# 842

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

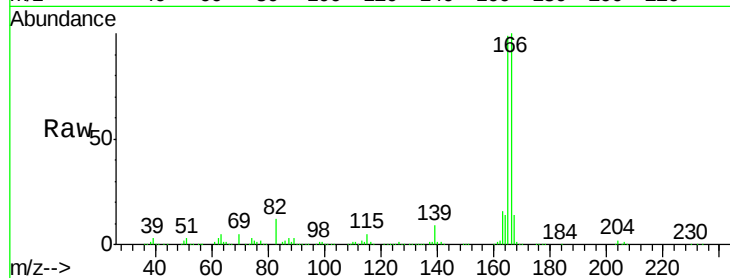
Tgt Ion:166 Resp: 956111

Ion Ratio Lower Upper

166 100

165 98.7 80.0 120.0

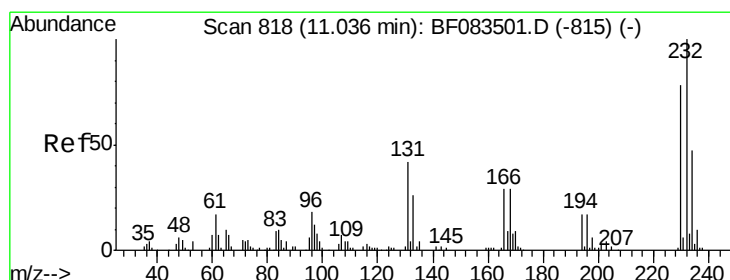
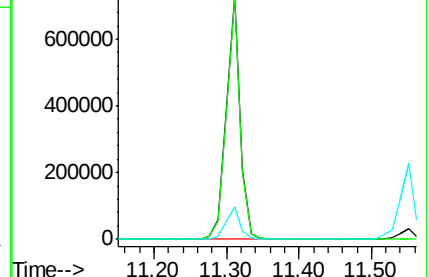
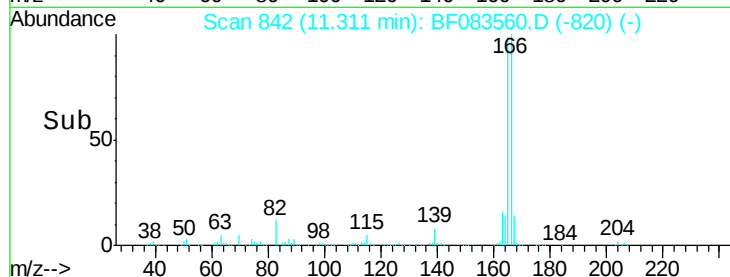
167 13.5 10.6 16.0



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: 51.27 ng

RT: 10.99 min Scan# 814

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion:232 Resp: 229146

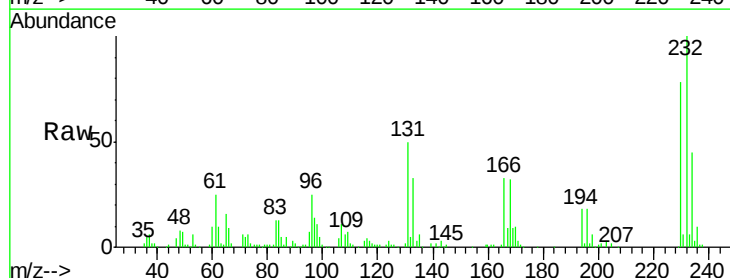
Ion Ratio Lower Upper

232 100

131 45.0 0.0 0.0#

130 2.2 0.0 0.0#

166 29.2 0.0 0.0#

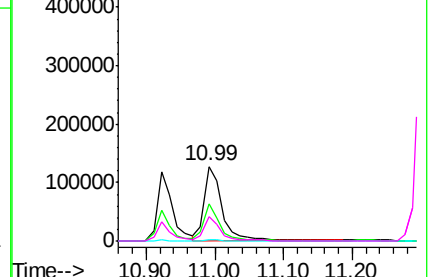
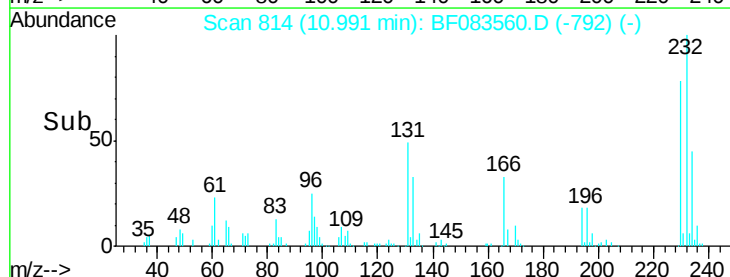


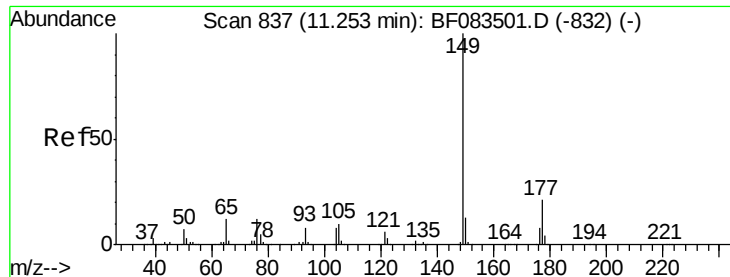
Abundance Ion 232.00 (231.70 to 232.70): E

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

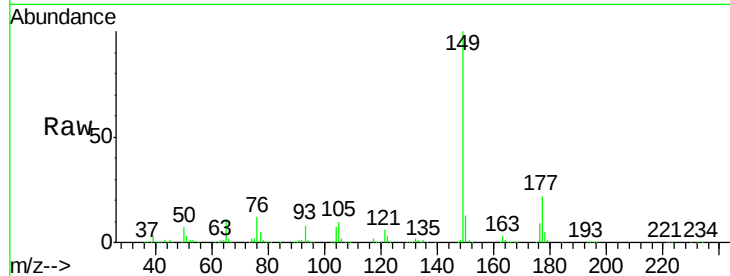




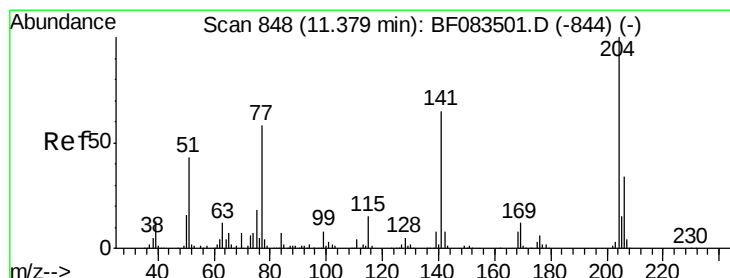
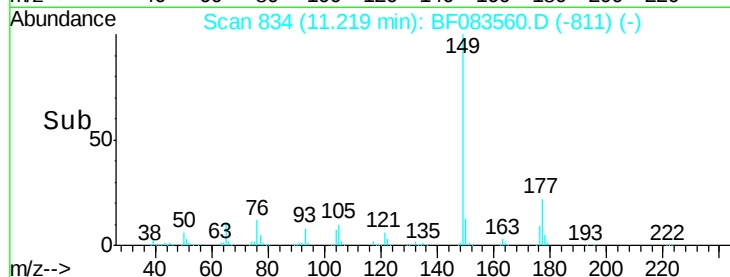
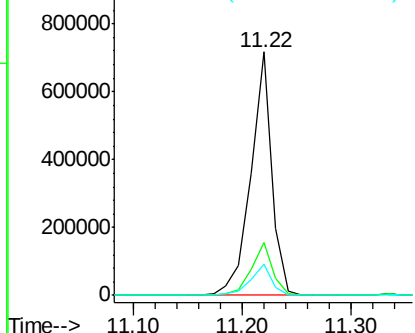
#59
Diethylphthalate
Concen: 45.53 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tgt Ion:149 Resp: 969048
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.6 10.2 15.4

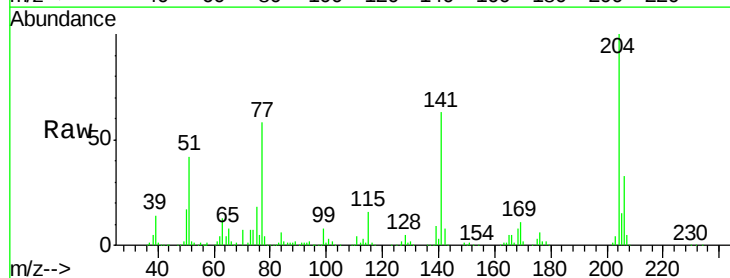


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

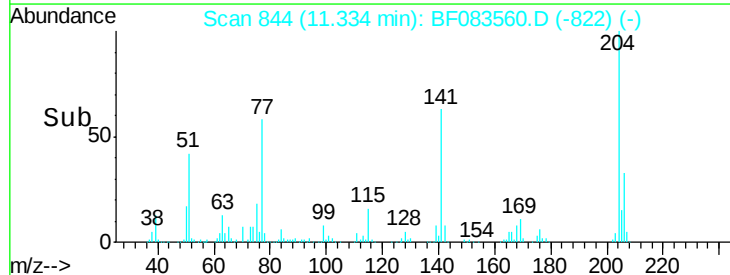
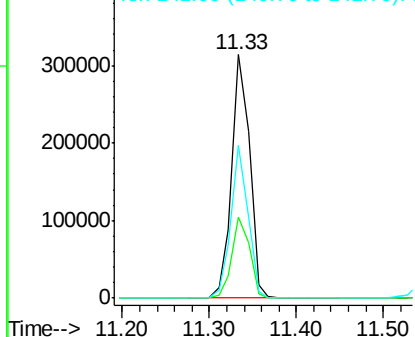


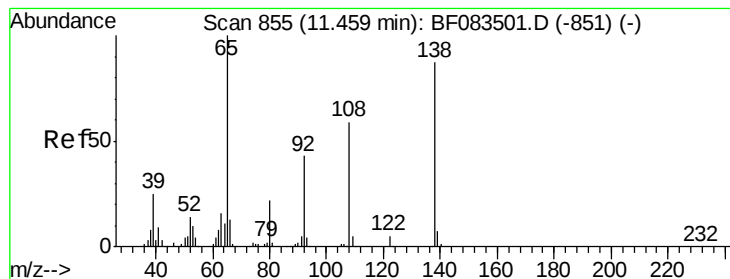
#60
4-Chlorophenyl-phenylether
Concen: 43.84 ng
RT: 11.33 min Scan# 844
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion:204 Resp: 448991
Ion Ratio Lower Upper
204 100
206 33.4 27.3 40.9
141 62.9 51.9 77.9



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: 44.29 ng

RT: 11.42 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

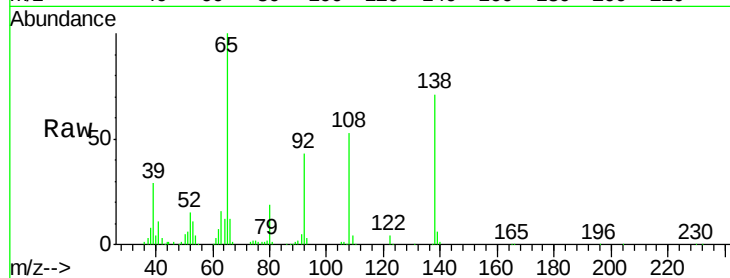
Tgt Ion:138 Resp: 201488

Ion Ratio Lower Upper

138 100

92 60.4 29.0 69.0

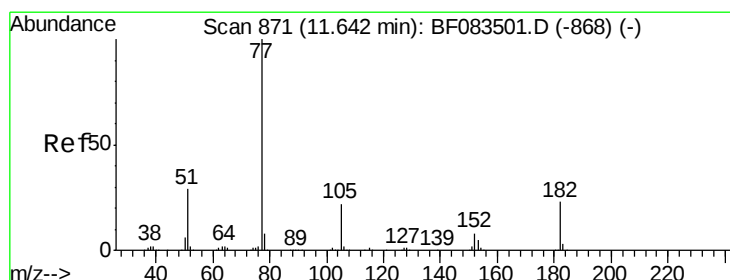
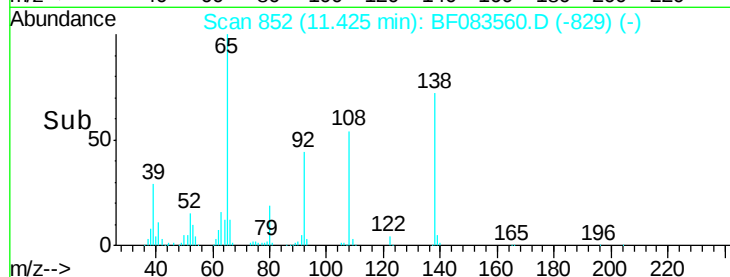
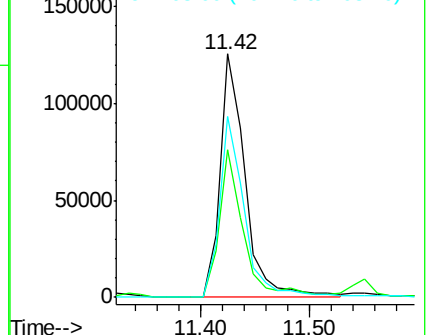
108 74.1 47.4 87.4



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: 54.06 ng

RT: 11.60 min Scan# 867

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Tgt Ion: 77 Resp: 1227693

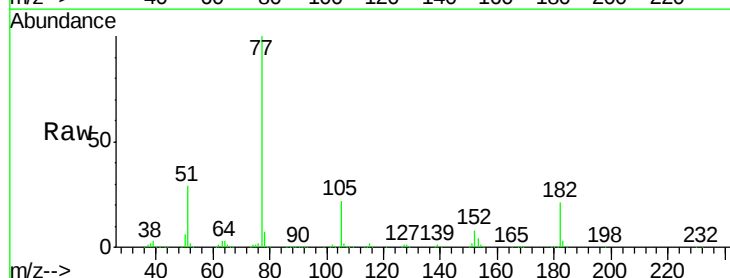
Ion Ratio Lower Upper

77 100

182 21.4 2.5 42.5

105 22.1 2.1 42.1

51 29.3 9.3 49.3

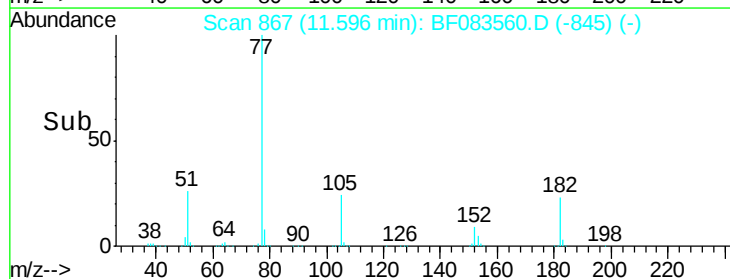
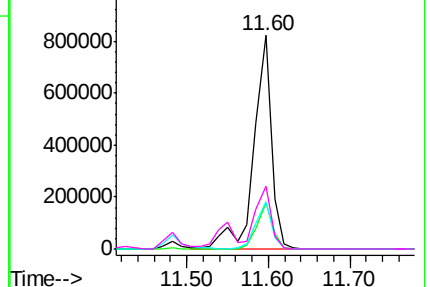


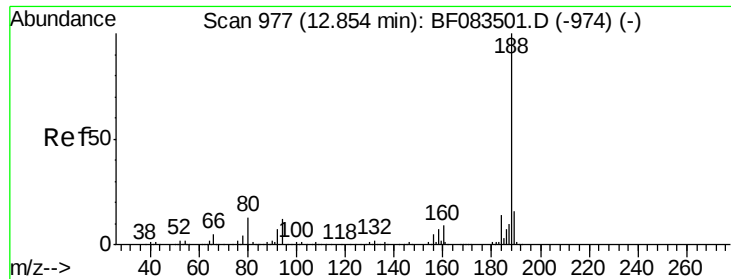
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

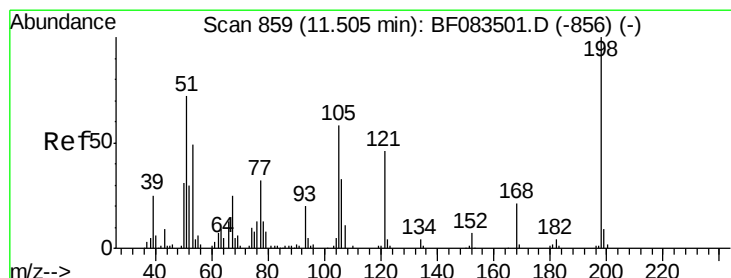
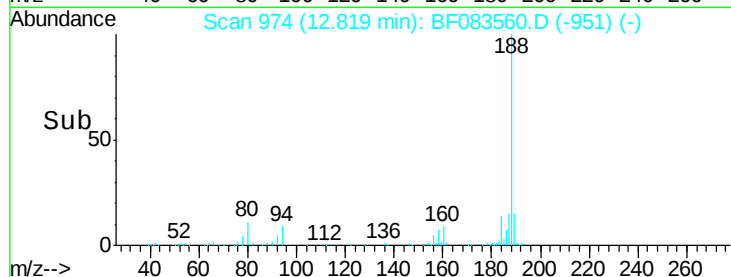
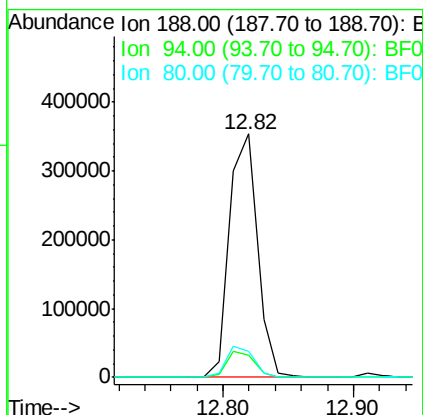
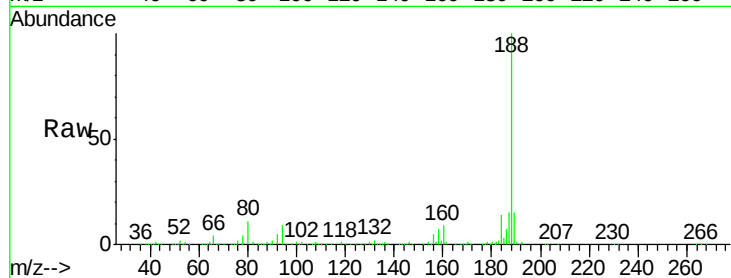




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

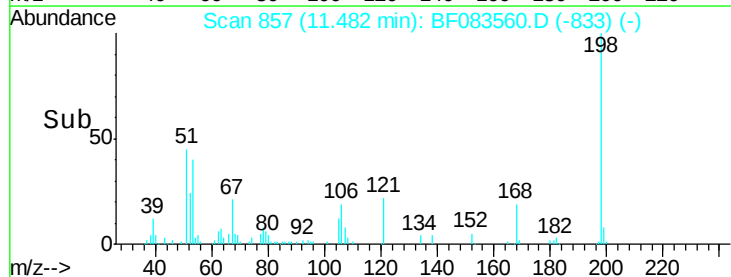
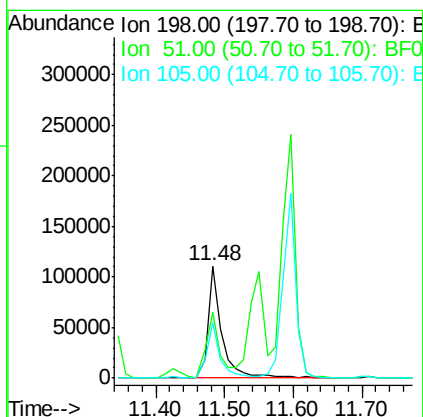
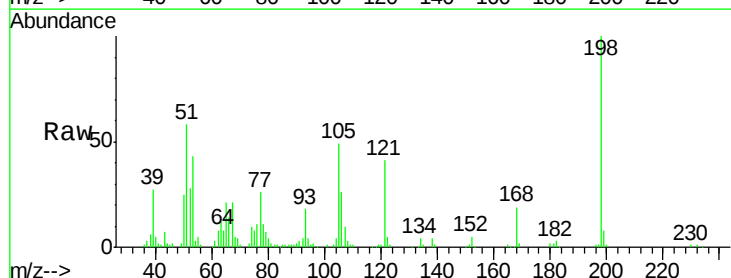
Instrument :
BNA_F
ClientSampleId :
PB87075BS

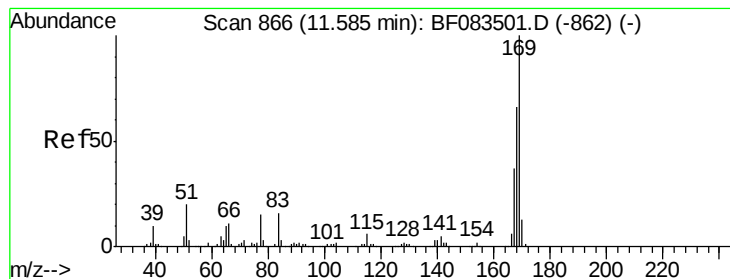
Tgt Ion:188 Resp: 529724
Ion Ratio Lower Upper
188 100
94 9.1 9.4 14.2#
80 10.9 10.6 16.0



#64
4,6-Dinitro-2-methylphenol
Concen: 44.27 ng
RT: 11.48 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion:198 Resp: 157206
Ion Ratio Lower Upper
198 100
51 58.3 53.8 93.8
105 49.1 38.6 78.6





#65

n-Nitrosodiphenylamine

Concen: 46.69 ng

RT: 11.55 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

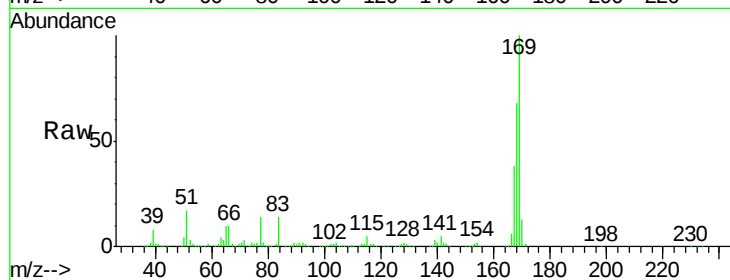
Tgt Ion:169 Resp: 818904

Ion Ratio Lower Upper

169 100

168 68.3 53.0 79.6

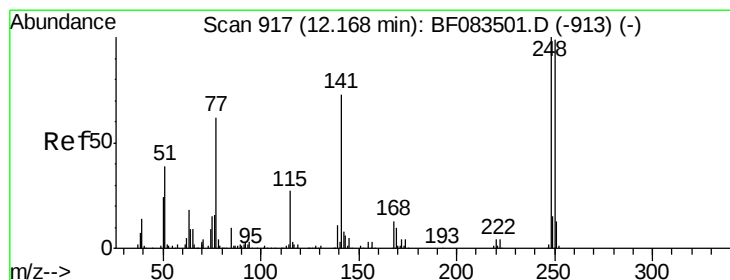
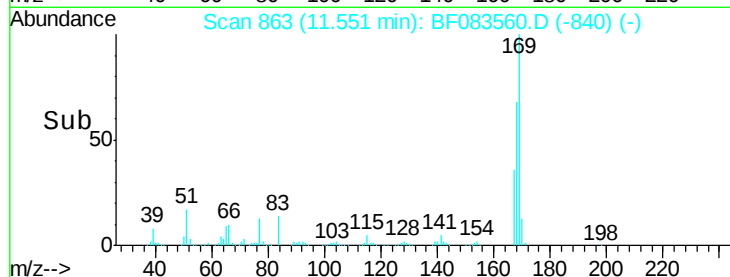
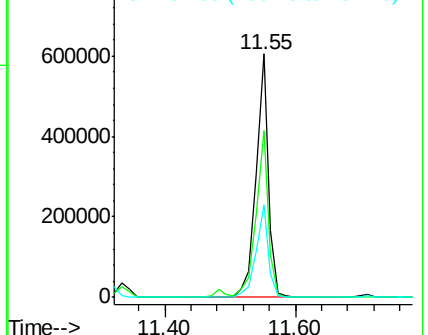
167 37.9 29.3 43.9



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: 44.90 ng

RT: 12.12 min Scan# 913

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

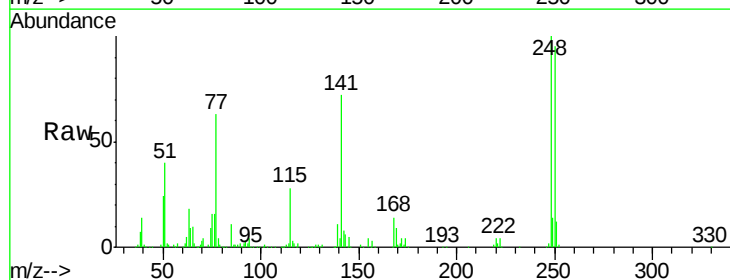
Tgt Ion:248 Resp: 259891

Ion Ratio Lower Upper

248 100

250 95.1 79.2 118.8

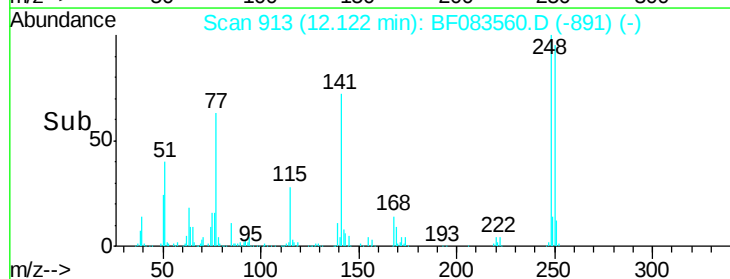
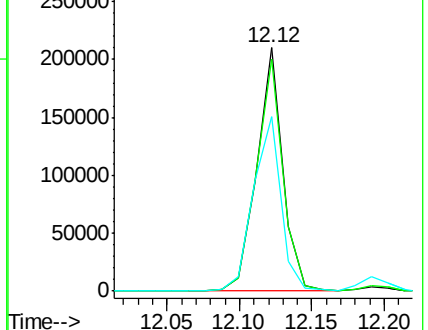
141 71.7 58.2 87.4

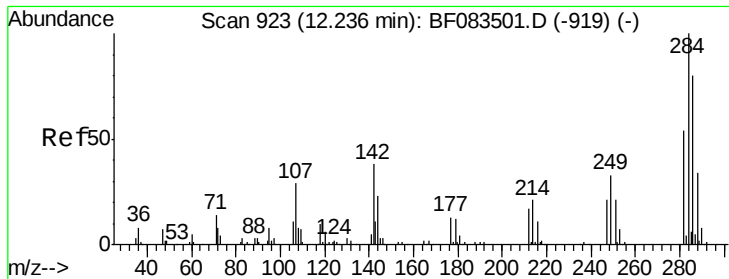


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

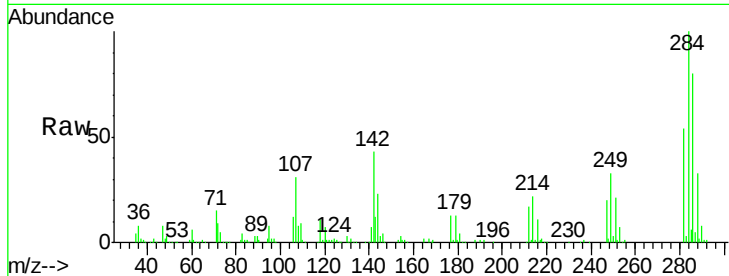




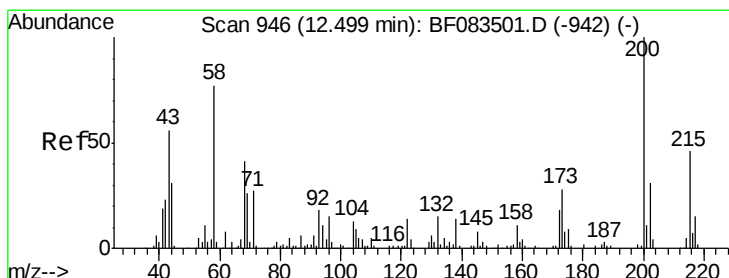
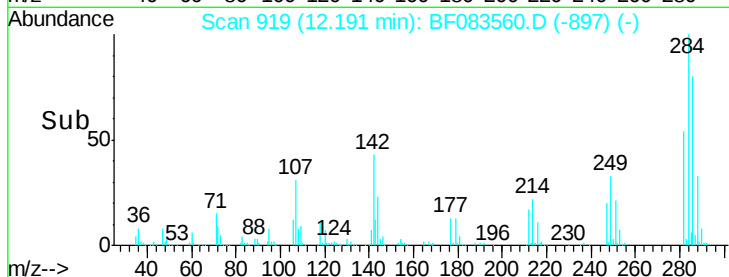
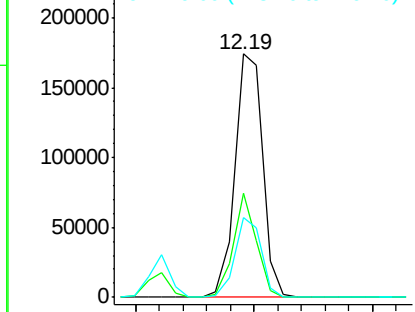
#67
Hexachlorobenzene
Concen: 45.75 ng
RT: 12.19 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tgt Ion:284 Resp: 283068
Ion Ratio Lower Upper
284 100
142 42.7 31.0 46.4
249 32.9 26.9 40.3

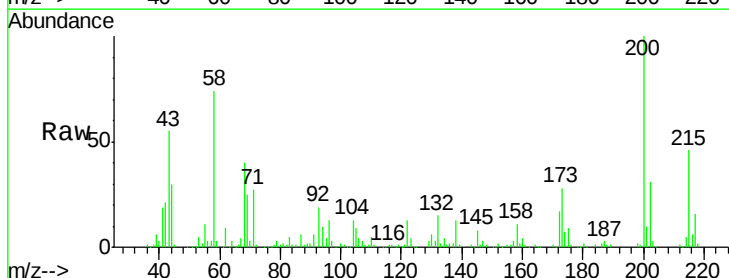


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

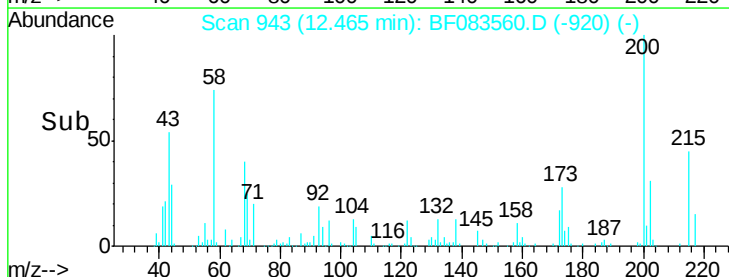
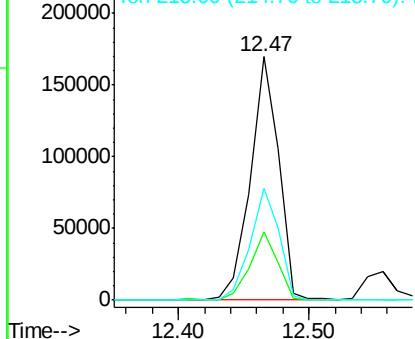


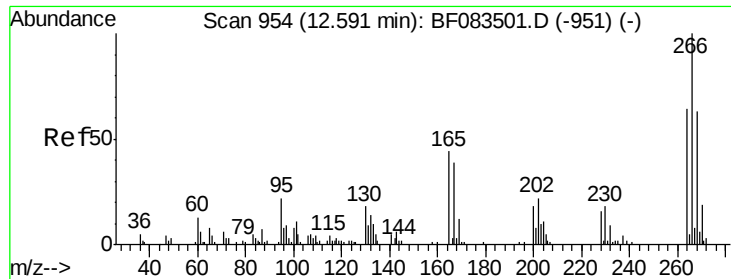
#68
Atrazine
Concen: 48.32 ng
RT: 12.47 min Scan# 943
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion:200 Resp: 256263
Ion Ratio Lower Upper
200 100
173 27.8 7.8 47.8
215 45.8 25.7 65.7



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

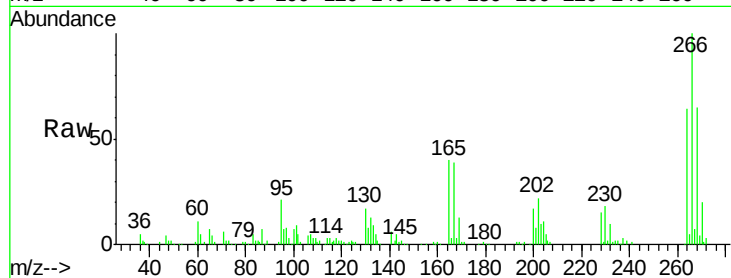




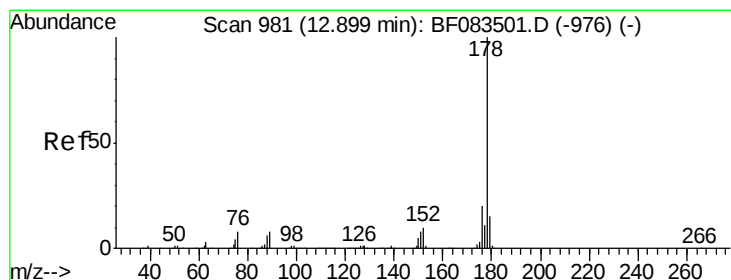
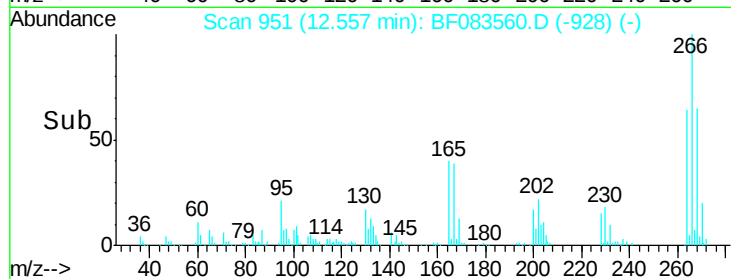
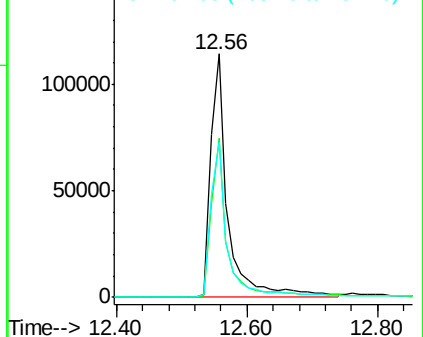
#69
 Pentachlorophenol
 Concen: 75.82 ng
 RT: 12.56 min Scan# 951
 Delta R.T. -0.03 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Tgt Ion:266 Resp: 212564
 Ion Ratio Lower Upper
 266 100
 268 65.1 50.2 75.2
 264 63.6 51.4 77.2

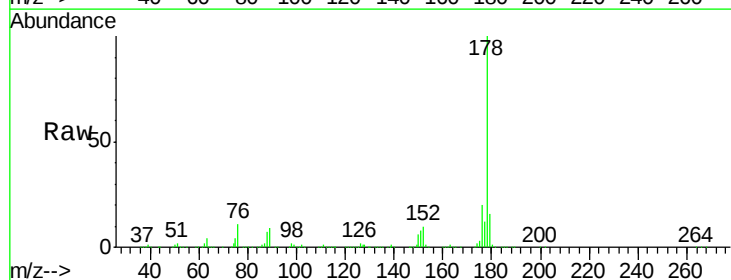


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

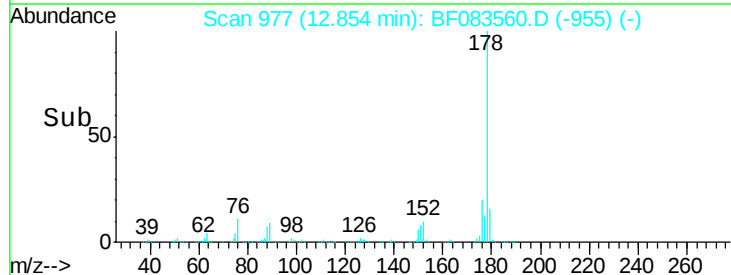
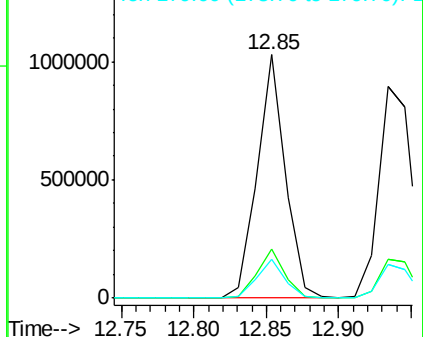


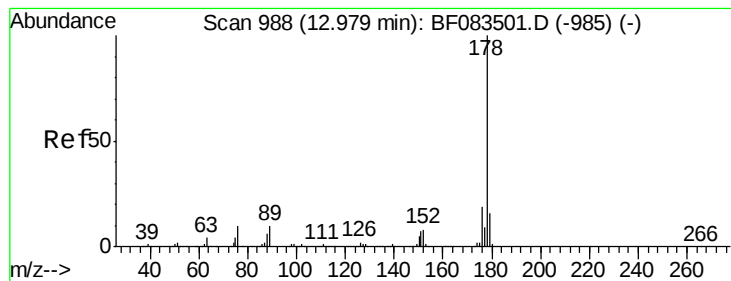
#70
 Phenanthrene
 Concen: 44.97 ng
 RT: 12.85 min Scan# 977
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion:178 Resp: 1386658
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 15.8 12.2 18.4



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





#71

Anthracene

Concen: 45.80 ng

RT: 12.93 min Scan# 984

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

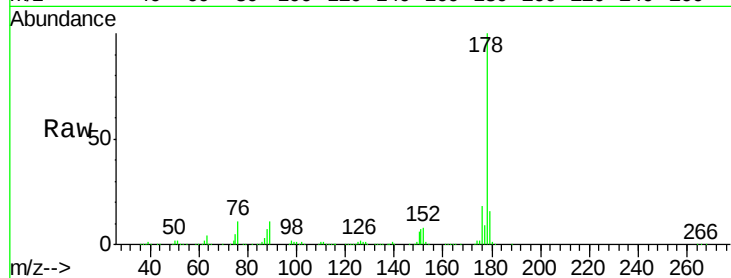
Tgt Ion:178 Resp: 1440295

Ion Ratio Lower Upper

178 100

176 18.4 15.2 22.8

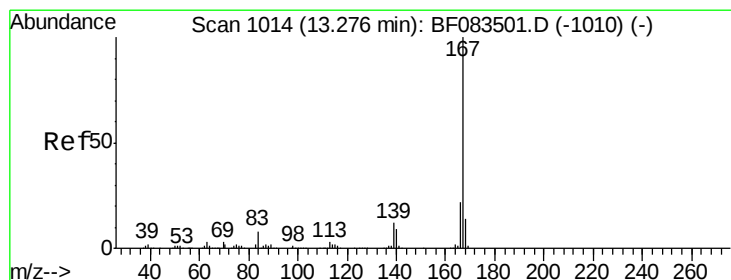
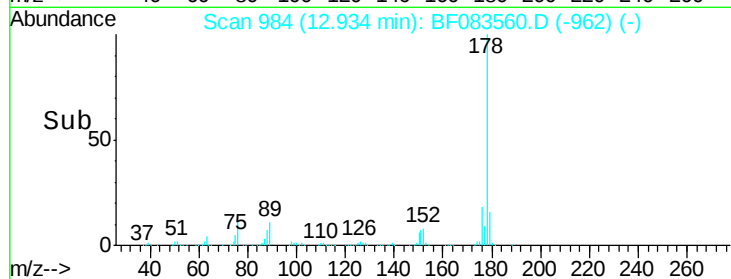
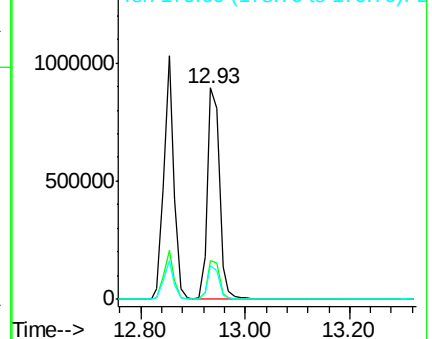
179 15.9 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.94 ng

RT: 13.23 min Scan# 1010

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

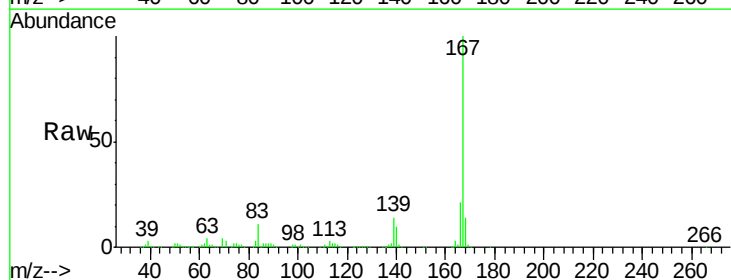
Tgt Ion:167 Resp: 1267548

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

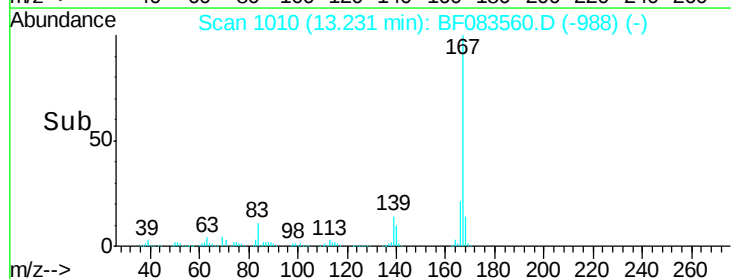
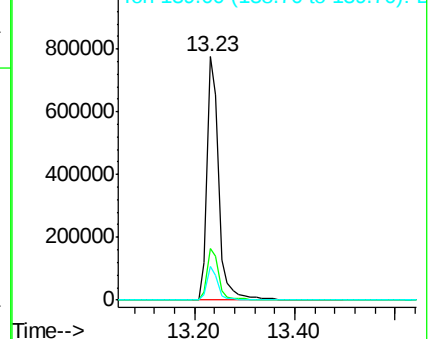
139 13.7 9.3 13.9

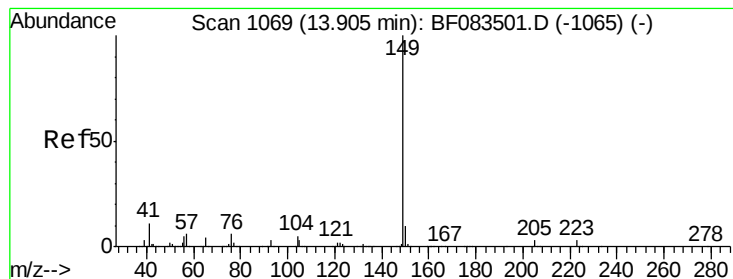


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.64 ng

RT: 13.87 min Scan# 1066

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

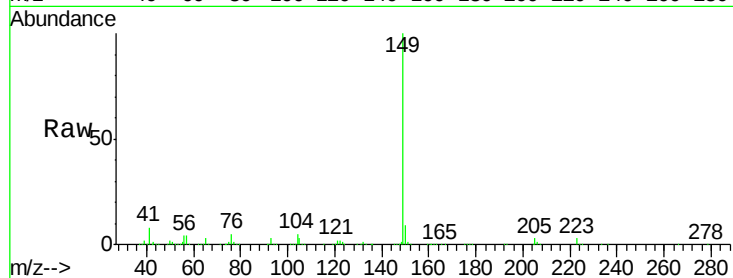
Tgt Ion:149 Resp: 1549162

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

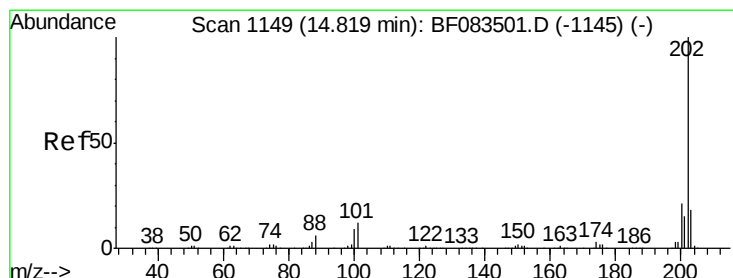
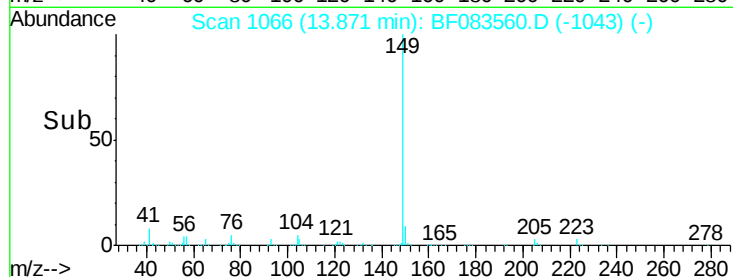
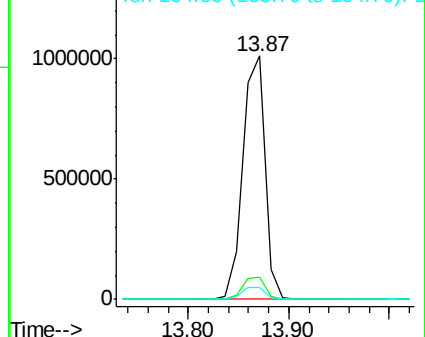
104 4.7 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.21 ng

RT: 14.77 min Scan# 1145

Delta R.T. -0.05 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

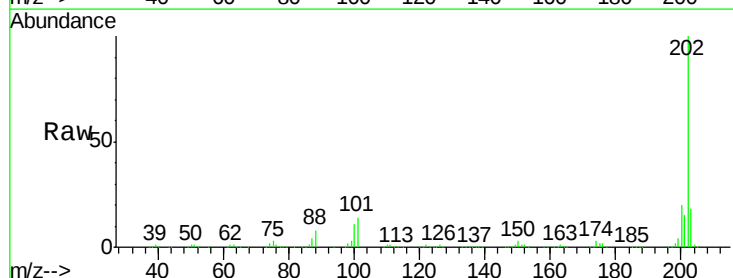
Tgt Ion:202 Resp: 1442613

Ion Ratio Lower Upper

202 100

101 13.6 0.0 31.5

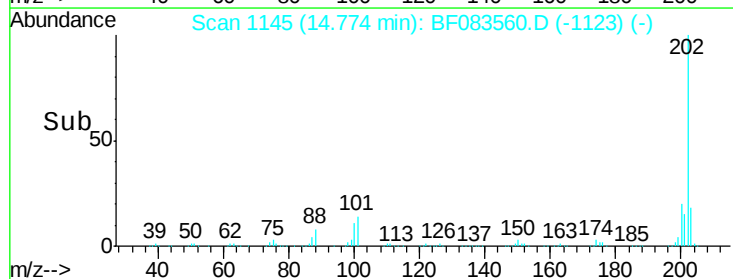
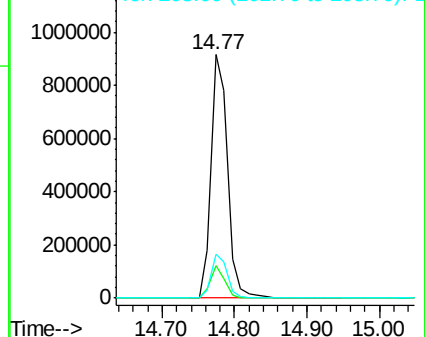
203 17.9 0.0 37.6

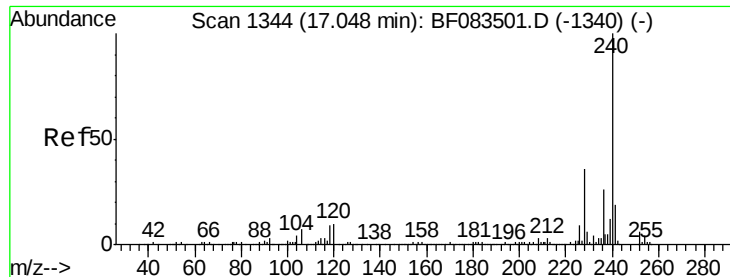


Abundance Ion 202.00 (201.70 to 202.70): E

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: 17.01 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

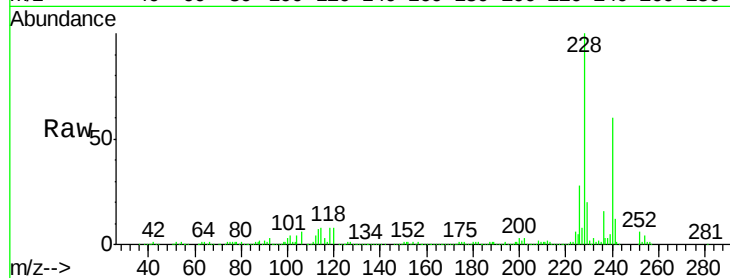
Tgt Ion:240 Resp: 445883

Ion Ratio Lower Upper

240 100

120 14.2 8.1 12.1#

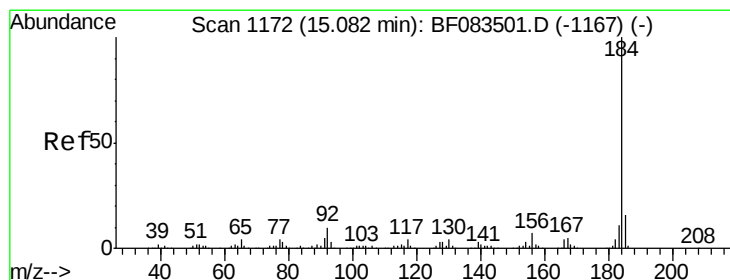
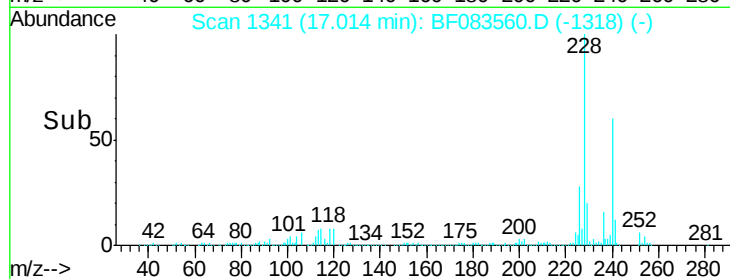
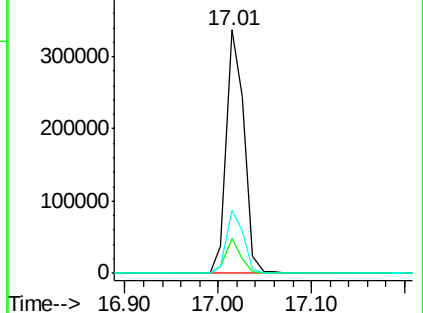
236 26.1 20.8 31.2



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: 31.55 ng

RT: 15.05 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

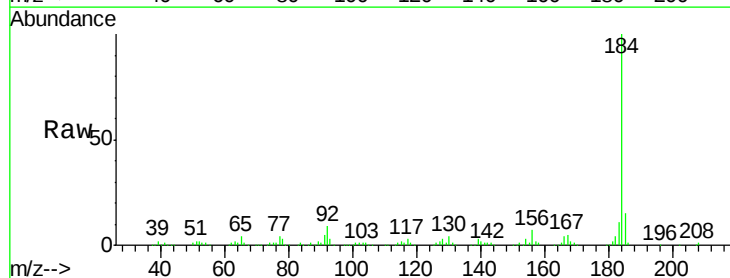
Tgt Ion:184 Resp: 508300

Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.6

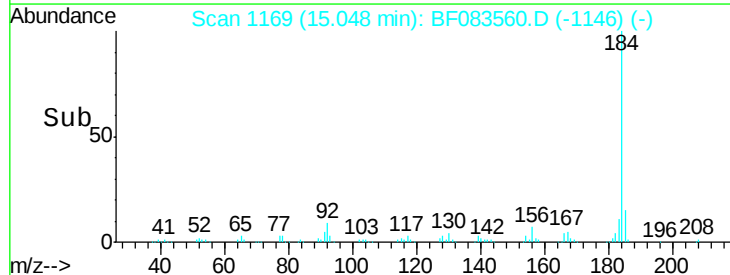
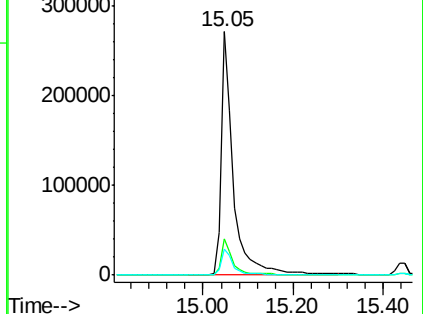
183 10.9 9.0 13.4

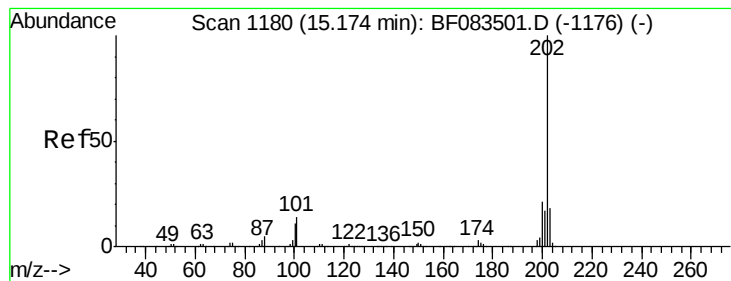


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.08 ng

RT: 15.14 min Scan# 1177

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

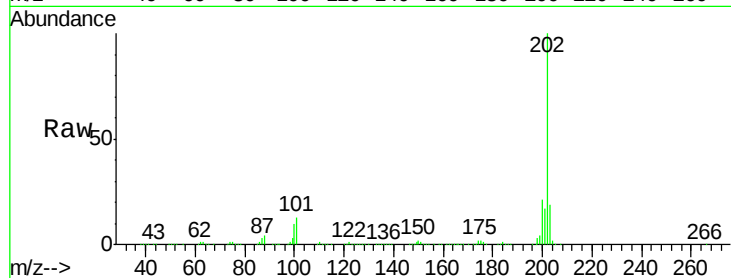
Tgt Ion:202 Resp: 1470207

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

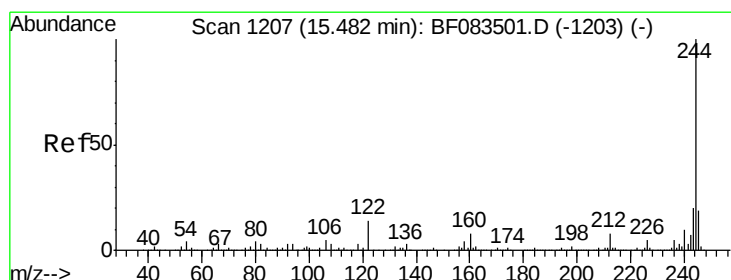
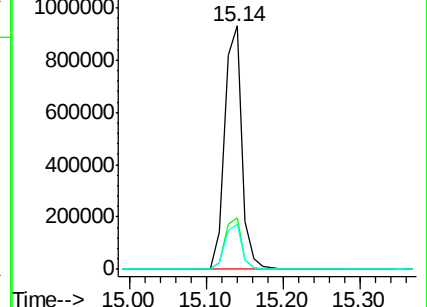
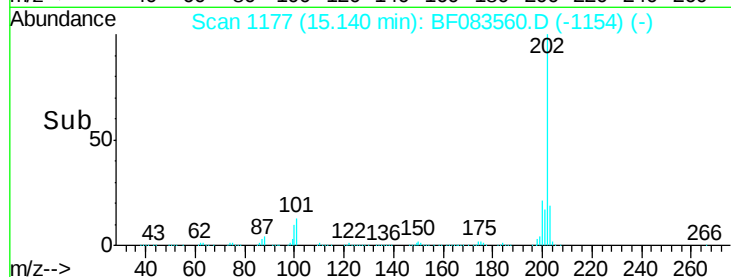
203 18.6 14.3 21.5



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: 79.46 ng

RT: 15.45 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

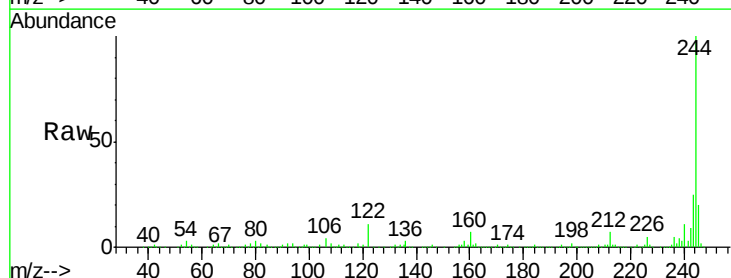
Tgt Ion:244 Resp: 1592122

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

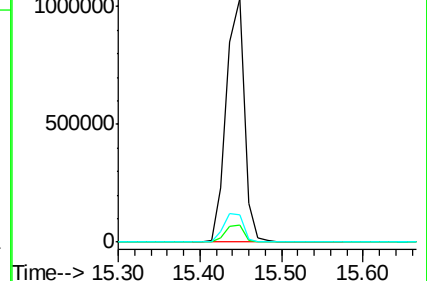
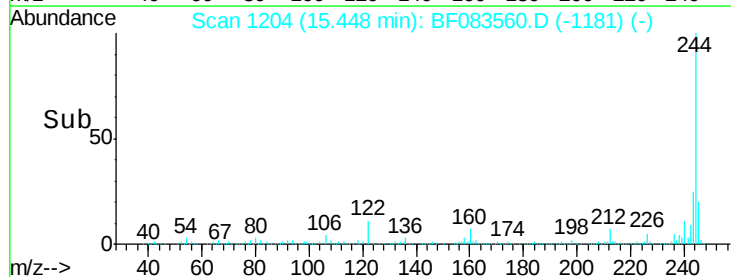
122 11.1 11.0 16.6

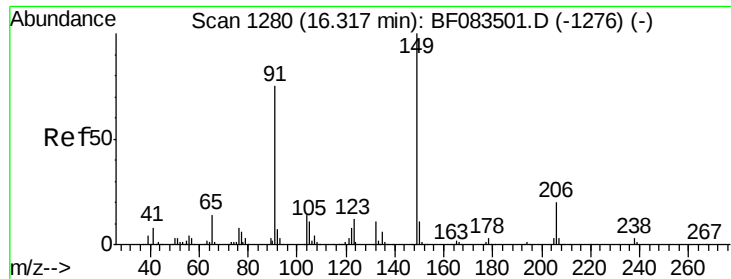


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

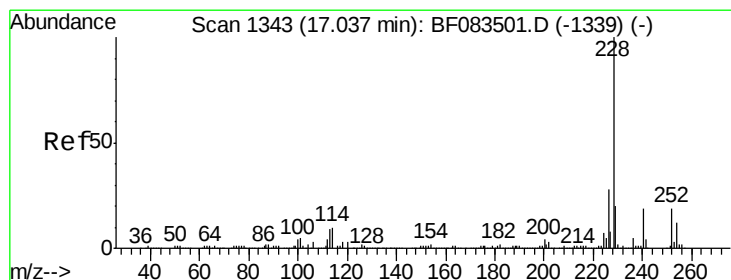
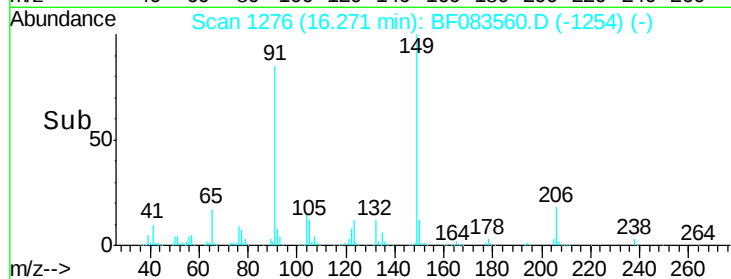
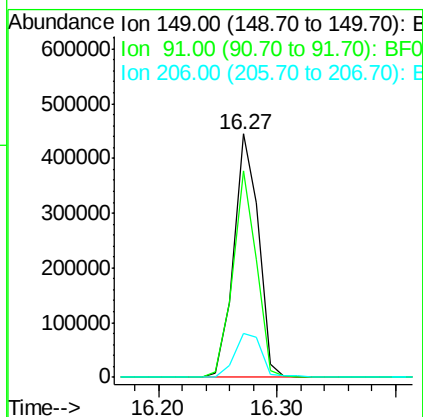
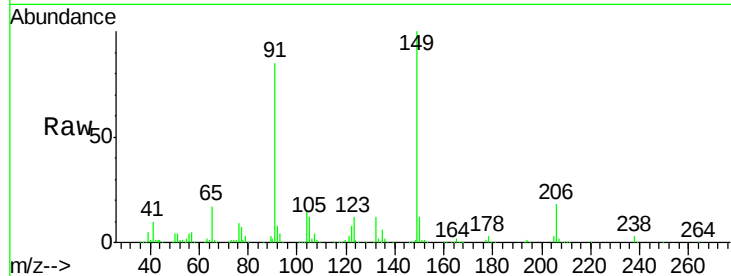




#79
Butylbenzylphthalate
Concen: 48.95 ng
RT: 16.27 min Scan# 1276
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

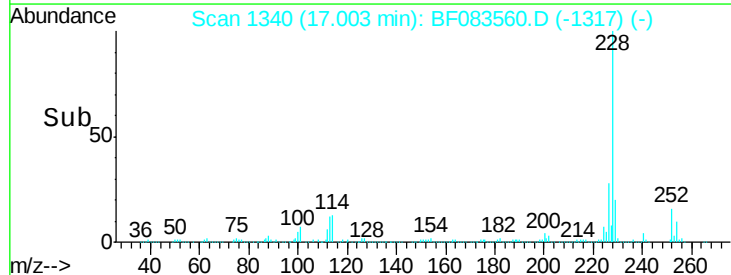
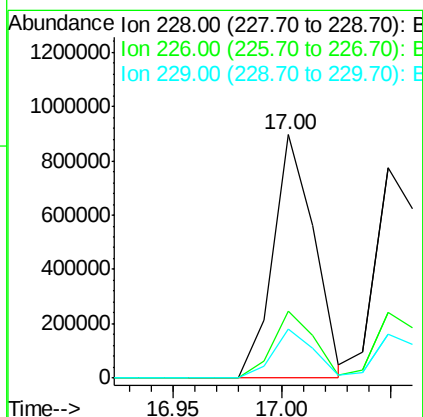
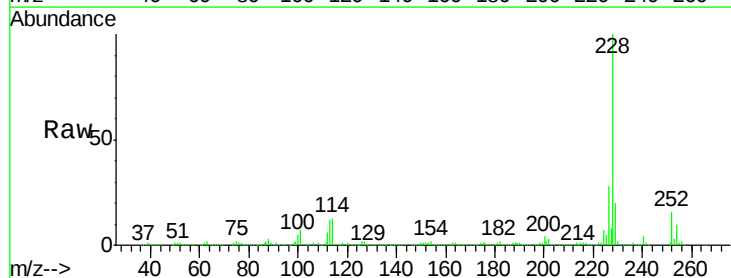
Instrument :
BNA_F
ClientSampleId :
PB87075BS

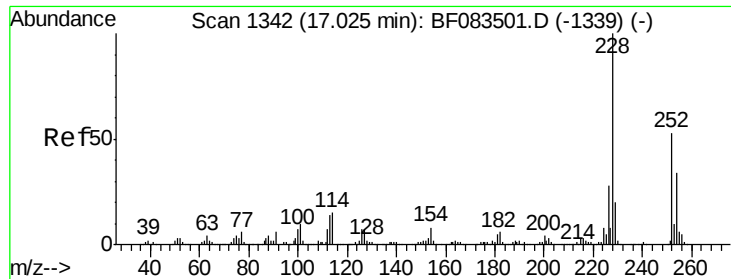
Tgt Ion:149 Resp: 642011
Ion Ratio Lower Upper
149 100
91 84.9 60.0 90.0
206 18.2 16.2 24.4



#80
Benzo(a)anthracene
Concen: 45.24 ng
RT: 17.00 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion:228 Resp: 1180211
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 20.0 15.7 23.5

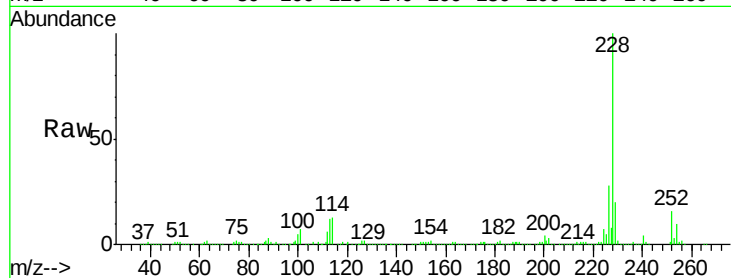




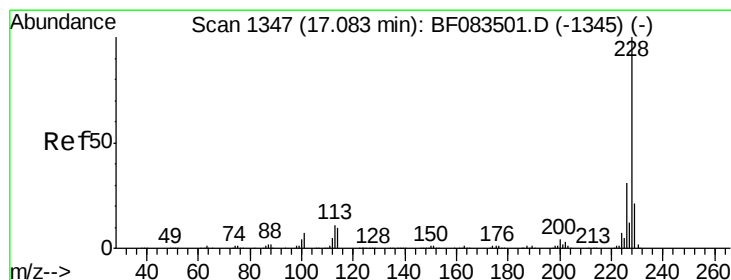
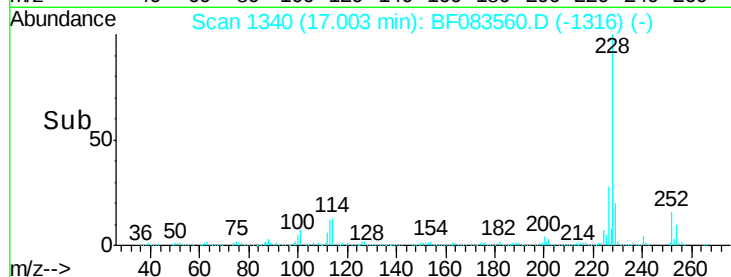
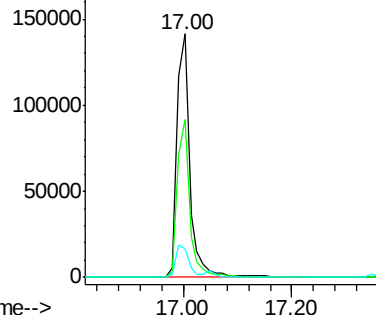
#81
 3,3'-Dichlorobenzidine
 Concen: 27.82 ng
 RT: 17.00 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

Tgt Ion: 252 Resp: 232136
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.6 76.0
 126 11.9 11.0 16.4

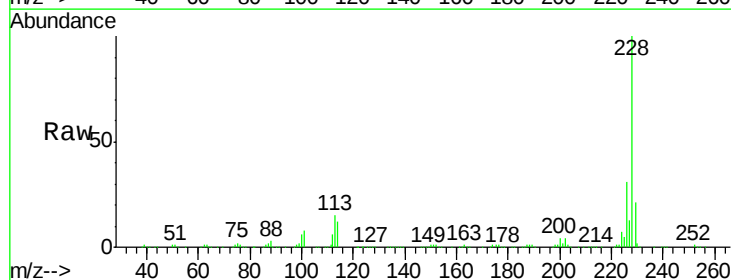


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

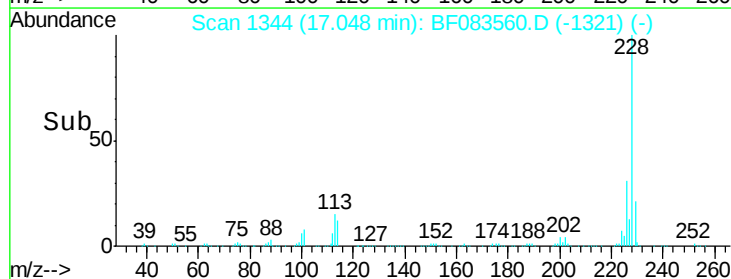
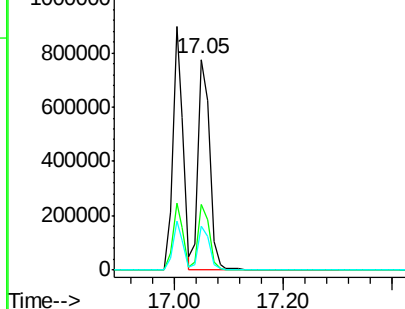


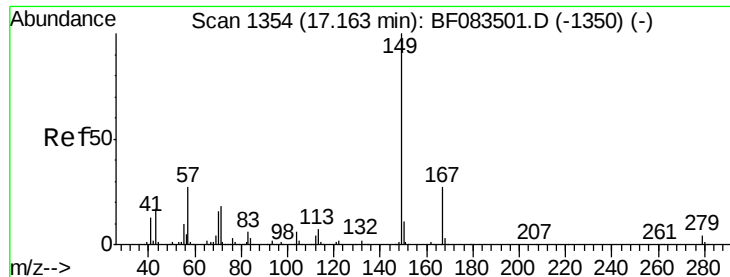
#82
 Chrysene
 Concen: 43.50 ng
 RT: 17.05 min Scan# 1344
 Delta R.T. -0.03 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion: 228 Resp: 1130596
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.7 37.1
 229 20.6 16.3 24.5



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

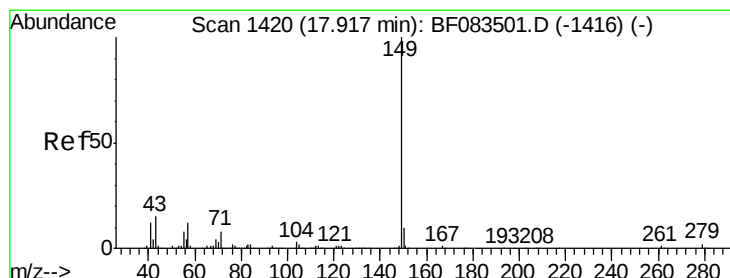
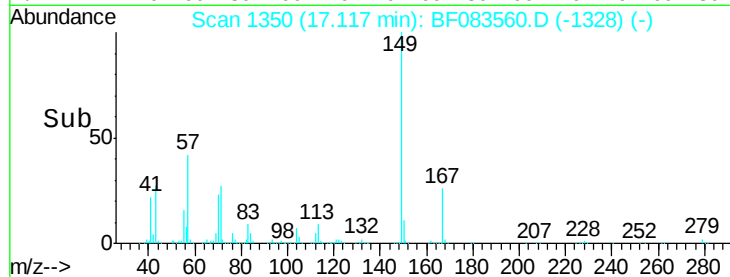
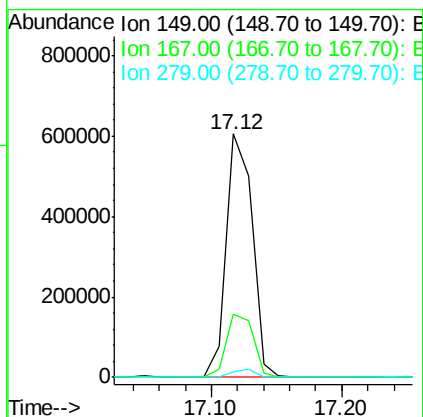
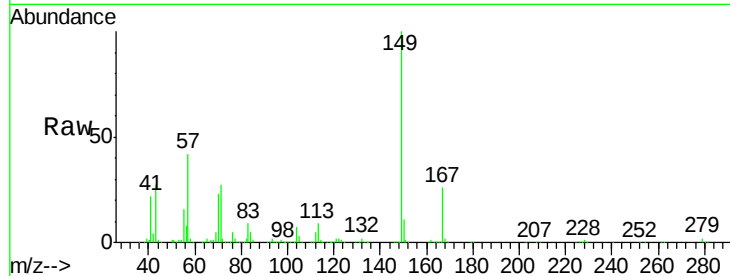




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.77 ng
 RT: 17.12 min Scan# 1350
 Delta R.T. -0.05 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

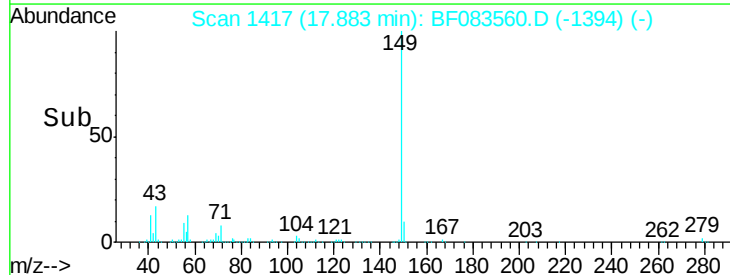
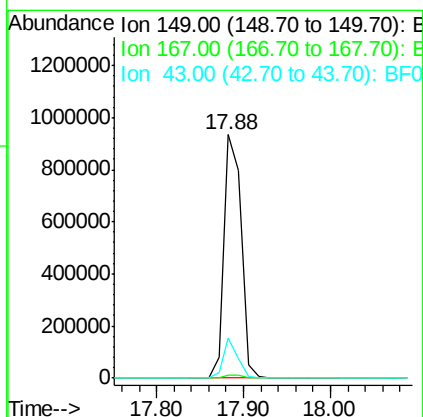
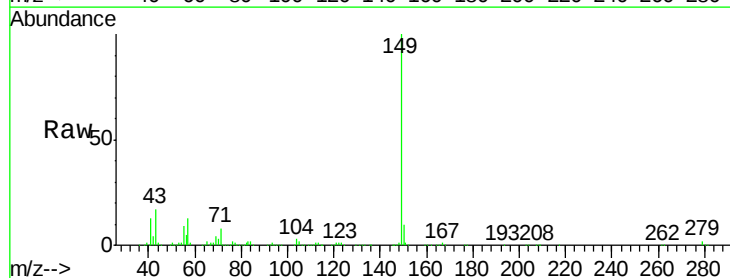
Instrument :
 BNA_F
 ClientSampleId :
 PB87075BS

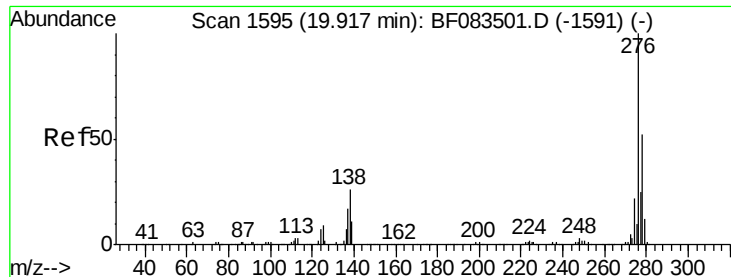
Tgt Ion:149 Resp: 839336
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.8 32.8
 279 2.2 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 52.49 ng
 RT: 17.88 min Scan# 1417
 Delta R.T. -0.03 min
 Lab File: BF083560.D
 Acq: 7 Dec 2015 17:00

Tgt Ion:149 Resp: 1288377
 Ion Ratio Lower Upper
 149 100
 167 1.6 0.0 0.0#
 43 13.5 0.0 0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.55 ng

RT: 19.89 min Scan# 1593

Delta R.T. -0.02 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS

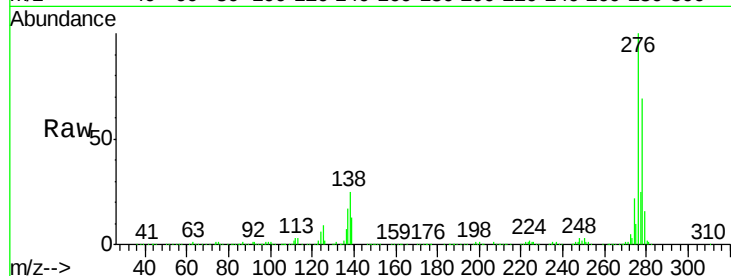
Tgt Ion:276 Resp: 903410

Ion Ratio Lower Upper

276 100

138 26.0 0.0 0.0#

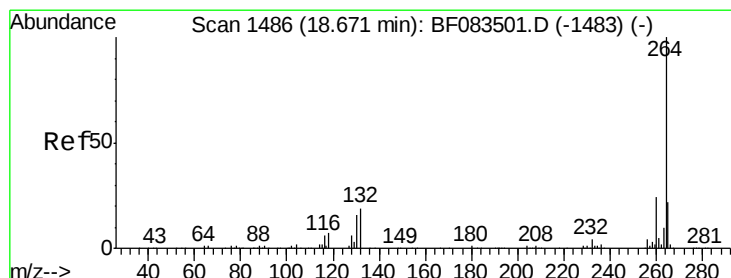
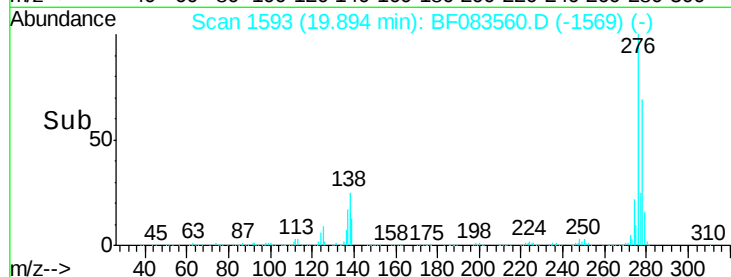
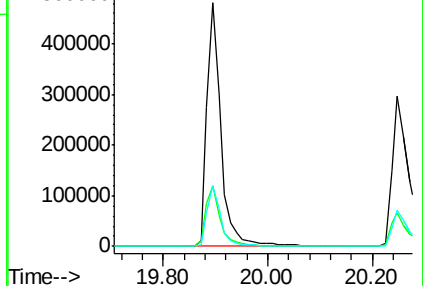
277 24.5 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF083560.D

Acq: 7 Dec 2015 17:00

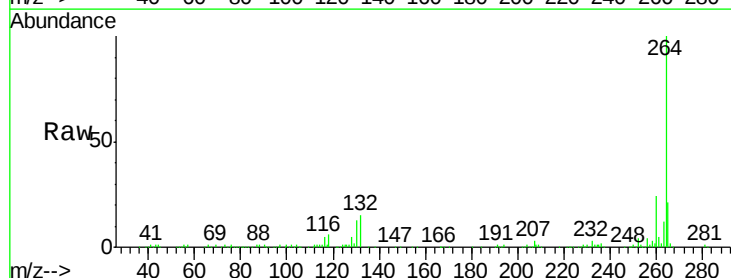
Tgt Ion:264 Resp: 350311

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

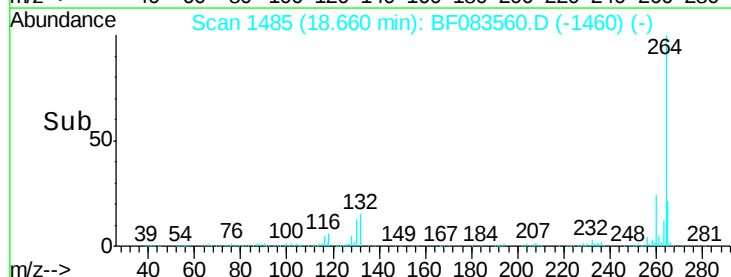
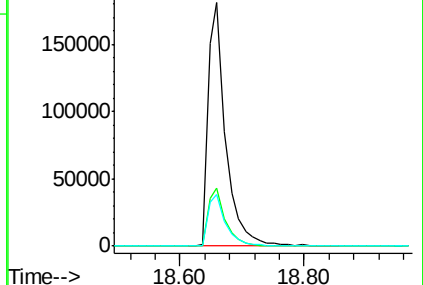
265 21.2 17.8 26.6

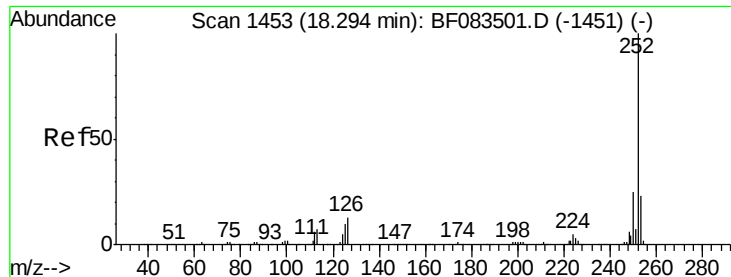


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

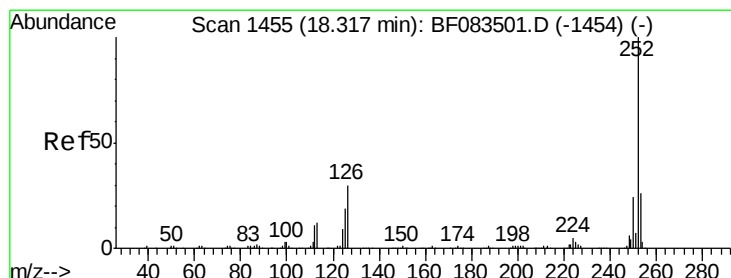
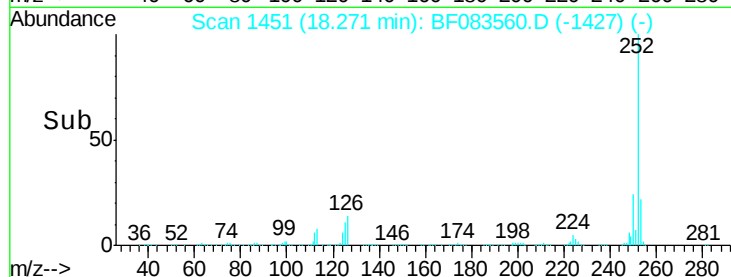
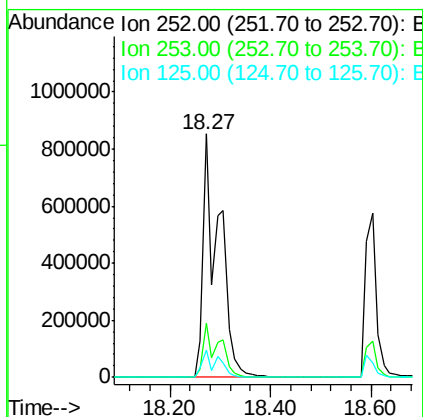
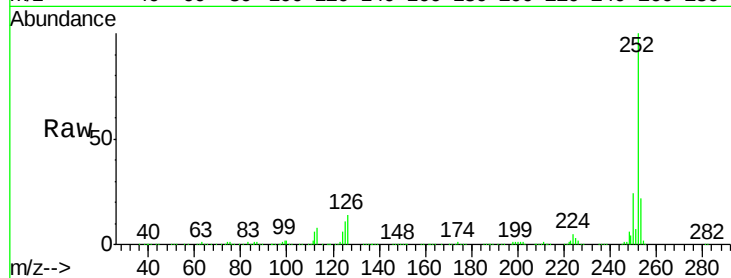




#87
Benzo(b)fluoranthene
Concen: 96.83 ng
RT: 18.27 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

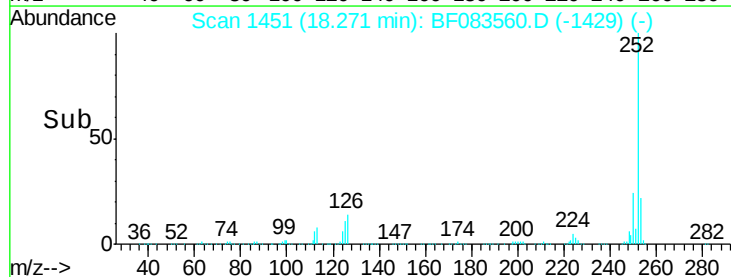
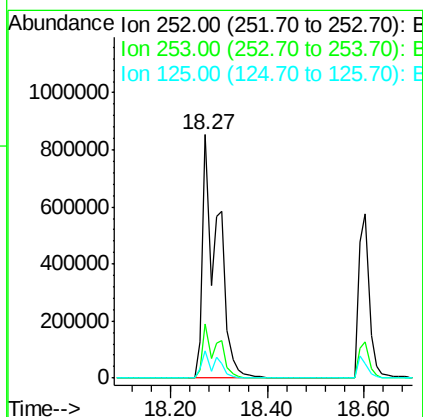
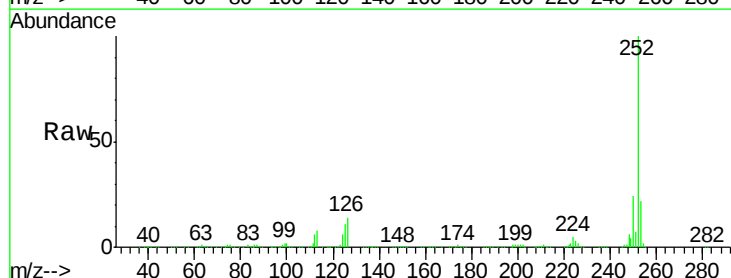
Instrument :
BNA_F
ClientSampleId :
PB87075BS

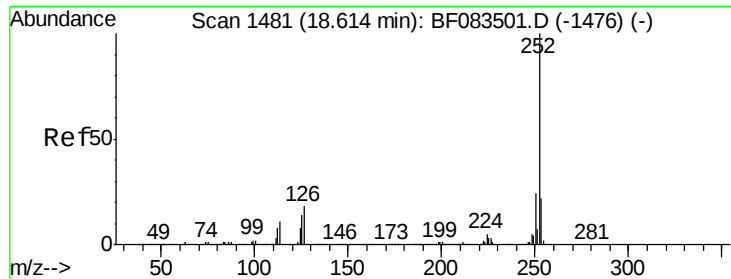
Tgt Ion:252 Resp: 1904953
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 11.0 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 94.54 ng
RT: 18.27 min Scan# 1451
Delta R.T. -0.05 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion:252 Resp: 1905327
Ion Ratio Lower Upper
252 100
253 22.1 18.6 27.8
125 11.0 11.5 17.3#

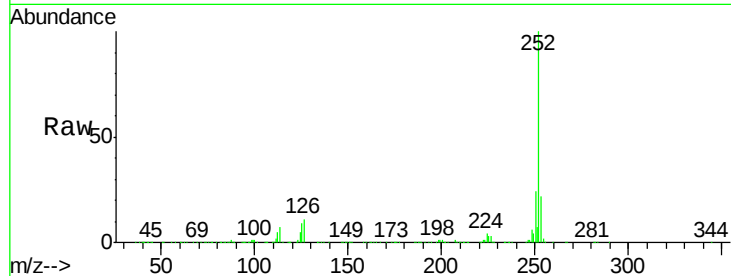




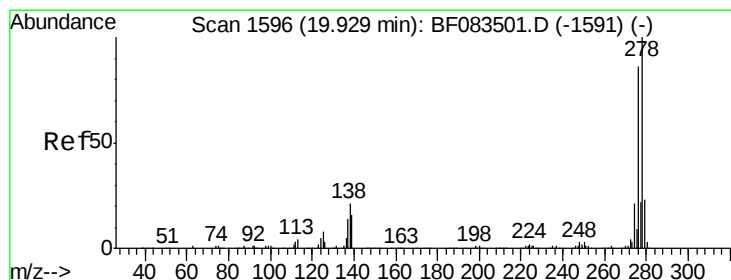
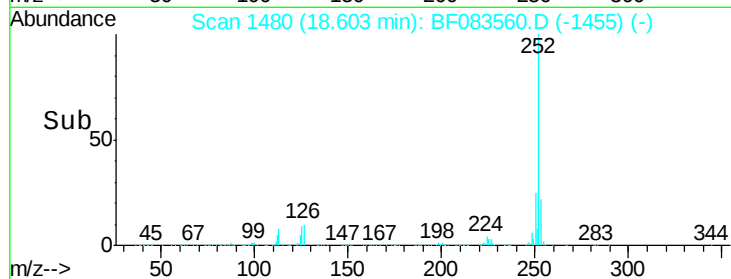
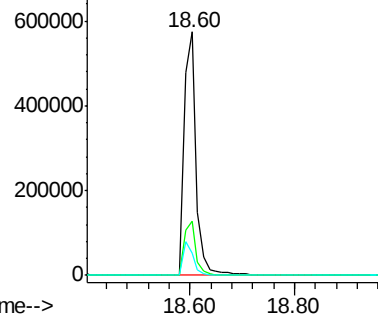
#89
Benzo(a)pyrene
Concen: 46.39 ng
RT: 18.60 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB87075BS

Tgt Ion:252 Resp: 887800
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.1 11.0 16.6#

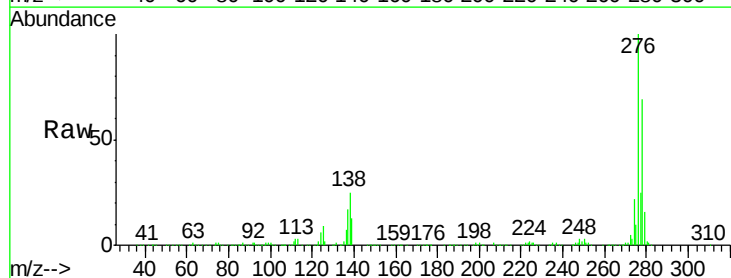


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

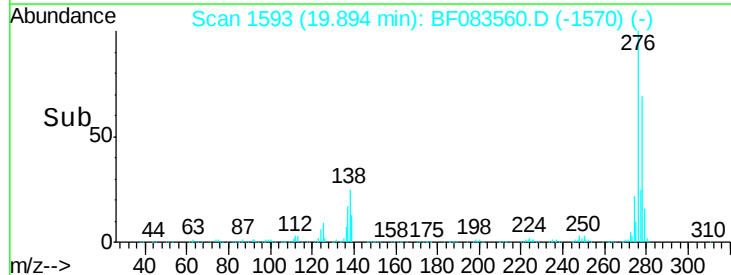
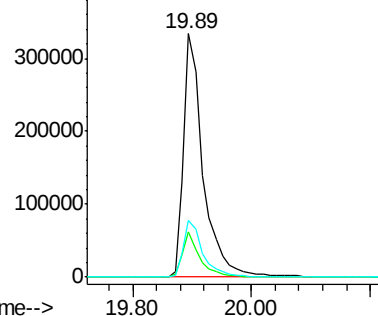


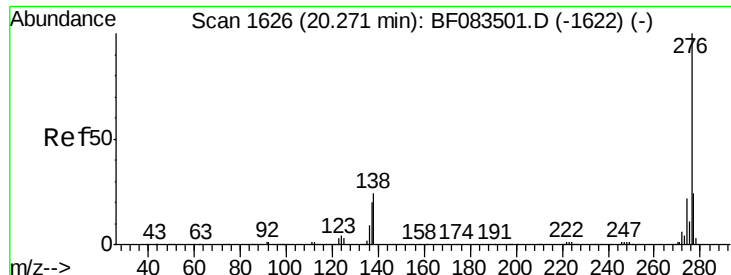
#90
Dibenzo(a,h)anthracene
Concen: 41.57 ng
RT: 19.89 min Scan# 1593
Delta R.T. -0.03 min
Lab File: BF083560.D
Acq: 7 Dec 2015 17:00

Tgt Ion:278 Resp: 765418
Ion Ratio Lower Upper
278 100
139 18.3 12.8 19.2
279 23.5 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.81 ng

RT: 20.25 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BF083560.D

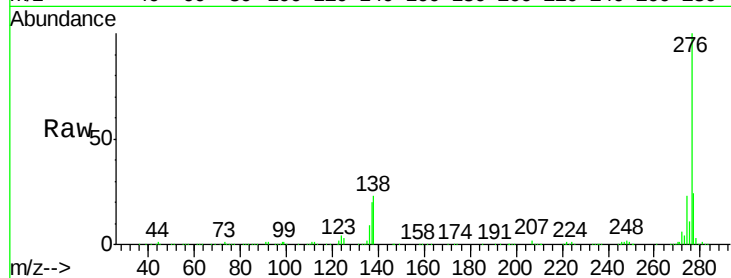
Acq: 7 Dec 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB87075BS



Tgt Ion:	276	Resp:	757257
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.2	28.8
138	22.9	19.5	29.3

