

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083555.D
 Acq On : 7 Dec 2015 11:18
 Operator : UM/IZ
 Sample : G4573-04MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 11:51:59 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	5.73	152	161983	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	601267	20.00	ng	-0.03
38) Acenaphthene-d10	10.43	164	268929	20.00	ng	-0.03
63) Phenanthrene-d10	12.82	188	435308	20.00	ng	-0.03
75) Chrysene-d12	17.03	240	329538	20.00	ng	-0.02
86) Perylene-d12	18.65	264	257133	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	1630013	152.67	ng	0.00
7) Phenol-d6	5.32	99	2135880	145.19	ng	0.00
23) Nitrobenzene-d5	6.58	82	1365676	106.17	ng	-0.02
41) 2,4,6-Tribromophenol	11.72	330	326298	131.53	ng	-0.03
44) 2-Fluorobiphenyl	9.39	172	1851490	93.38	ng	-0.03
78) Terphenyl-d14	15.46	244	1308227	88.34	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.90	88	200091	35.73	ng	# 95
3) Pyridine	2.34	79	629135	47.08	ng	97
4) n-Nitrosodimethylamine	2.30	42	344811	51.22	ng	94
6) Aniline	5.30	93	475176	24.82	ng	96
8) 2-Chlorophenol	5.46	128	557935	46.99	ng	98
9) Benzaldehyde	5.13	77	271653	32.21	ng	99
10) Phenol	5.33	94	841599	48.92	ng	# 76
11) bis(2-Chloroethyl)ether	5.40	93	603668	47.35	ng	96
12) 1,3-Dichlorobenzene	5.65	146	601639	45.69	ng	98
13) 1,4-Dichlorobenzene	5.76	146	610787	45.42	ng	99
14) 1,2-Dichlorobenzene	5.97	146	559076	45.21	ng	97
15) Benzyl Alcohol	5.98	79	557216	54.60	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.17	45	1090263	46.13	ng	81
17) 2-Methylphenol	6.18	107	480557	49.04	ng	99
18) Hexachloroethane	6.45	117	195051	41.56	ng	# 85
19) n-Nitroso-di-n-propylamine	6.38	70	505132	51.47	ng	97
20) 3+4-Methylphenols	6.42	107	645835	50.73	ng	95
22) Acetophenone	6.35	105	852769	49.24	ng	97
24) Nitrobenzene	6.60	77	691692	48.82	ng	95
25) Isophorone	6.97	82	1243646	50.35	ng	97
26) 2-Nitrophenol	7.08	139	264030	47.23	ng	# 87
27) 2,4-Dimethylphenol	7.21	122	496382	50.25	ng	100
28) bis(2-Chloroethoxy)methane	7.32	93	756836	54.98	ng	99
29) 2,4-Dichlorophenol	7.47	162	459390	51.51	ng	95
30) 1,2,4-Trichlorobenzene	7.56	180	487439	49.43	ng	99
31) Naphthalene	7.68	128	1549522	48.42	ng	99
32) Benzoic acid	7.21	122	477956	79.37	ng	# 11
33) 4-Chloroaniline	7.80	127	184335	14.72	ng	93
34) Hexachlorobutadiene	7.88	225	277845	47.68	ng	98
35) Caprolactam	8.41	113	138832	48.94	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	489882	48.81	ng	99
37) 2-Methylnaphthalene	8.77	142	985456	49.79	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	436527	49.36	ng	# 100
40) Hexachlorocyclopentadiene	9.02	237	32948	18.64	ng	95

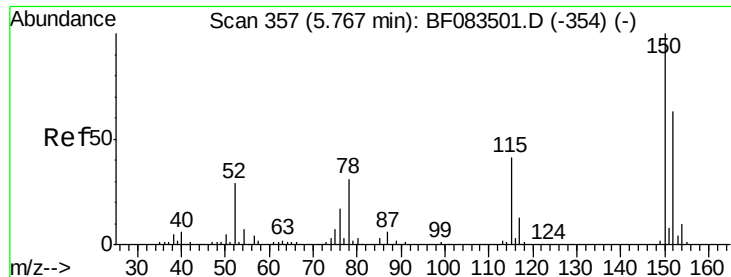
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	290358	52.30	nq	99
43) 2,4,5-Trichlorophenol	9.34	196	302118	52.83	nq	96
45) 1,1'-Biphenyl	9.54	154	1130882	47.32	nq	99
46) 2-Chloronaphthalene	9.55	162	900552	50.01	nq	96
47) 2-Nitroaniline	9.76	65	344425	53.69	nq	97
48) Acenaphthylene	10.20	152	1383243	46.91	nq	100
49) Dimethylphthalate	10.09	163	1524954	72.04	nq	99
50) 2,6-Dinitrotoluene	10.17	165	223396	50.12	nq	96
51) Acenaphthene	10.49	154	809790	47.72	nq	99
52) 3-Nitroaniline	10.43	138	180667	37.60	nq	91
53) 2,4-Dinitrophenol	10.64	184	18694	14.95	nq	91
54) Dibenzofuran	10.77	168	1243523	52.90	nq	99
55) 4-Nitrophenol	10.82	139	233734	86.36	nq	90
56) 2,4-Dinitrotoluene	10.82	165	272181	46.76	nq	# 93
57) Fluorene	11.32	166	965897	47.23	nq	97
58) 2,3,4,6-Tetrachlorophenol	11.00	232	208520	48.75	nq	# 100
59) Diethylphthalate	11.23	149	1024081	50.28	nq	99
60) 4-Chlorophenyl-phenylether	11.36	204	465068	47.45	nq	91
61) 4-Nitroaniline	11.44	138	194747	44.73	nq	94
62) Azobenzene	11.61	77	1198845	55.16	nq	98
64) 4,6-Dinitro-2-methylphenol	11.49	198	35776	14.78	nq	# 78
65) n-Nitrosodiphenylamine	11.56	169	803842	55.78	nq	98
66) 4-Bromophenyl-phenylether	12.13	248	251011	52.77	nq	95
67) Hexachlorobenzene	12.21	284	269149	52.93	nq	# 89
68) Atrazine	12.48	200	227896	52.29	nq	99
69) Pentachlorophenol	12.57	266	206268	88.73	nq	98
70) Phenanthrene	12.87	178	1205198	47.56	nq	100
71) Anthracene	12.95	178	1227343	47.50	nq	99
72) Carbazole	13.24	167	1052139	47.42	nq	98
73) Di-n-butylphthalate	13.88	149	1454919	54.44	nq	100
74) Fluoranthene	14.79	202	1081662	43.07	nq	98
76) Benzidine	15.06	184	378562	31.80	nq	97
77) Pyrene	15.14	202	1119544	45.41	nq	99
79) Butylbenzylphthalate	16.28	149	510679	52.68	nq	88
80) Benzo(a)anthracene	17.01	228	959918	49.79	nq	99
81) 3,3'-Dichlorobenzidine	17.00	252	286313	46.43	nq	99
82) Chrysene	17.06	228	880497	45.84	nq	99
83) Bis(2-ethylhexyl)phthalate	17.14	149	721425	56.71	nq	98
84) Di-n-octyl phthalate	17.91	149	1135842	62.61	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.91	276	657426	39.93	nq	# 100
87) Benzo(b)fluoranthene	18.31	252	1555993	107.75	nq	98
88) Benzo(k)fluoranthene	18.31	252	1557256	105.27	nq	# 94
89) Benzo(a)pyrene	18.60	252	708077	50.41	nq	# 96
90) Dibenzo(a,h)anthracene	19.91	278	578193	42.78	nq	99
91) Benzo(g,h,i)perylene	20.26	276	456215	33.50	nq	97

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

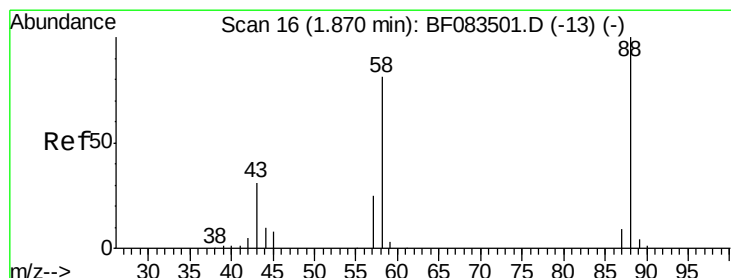
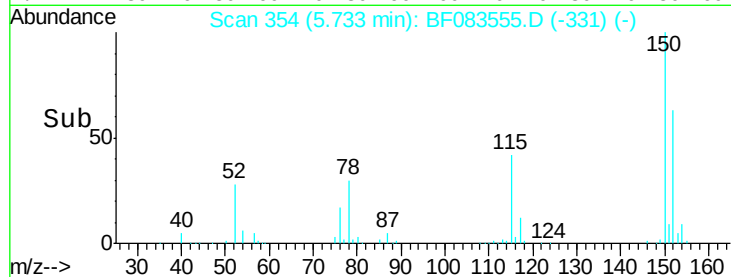
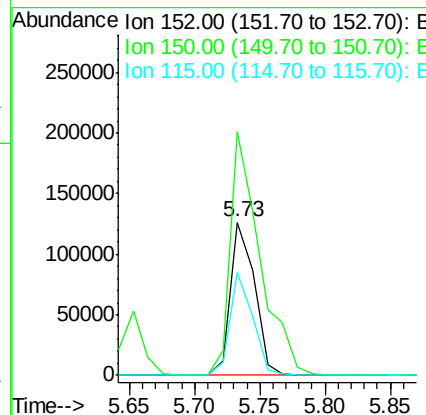
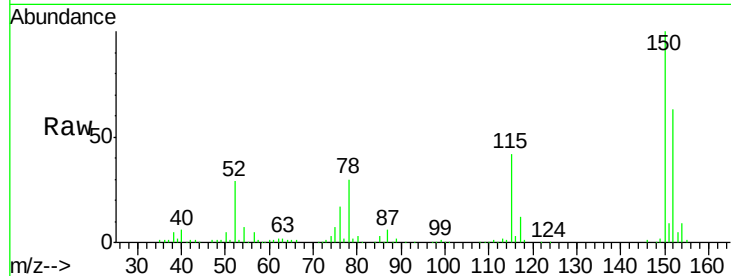


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :

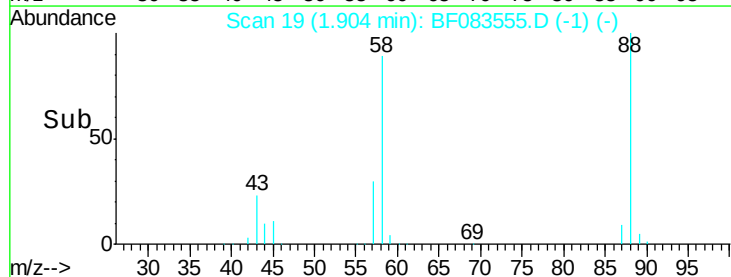
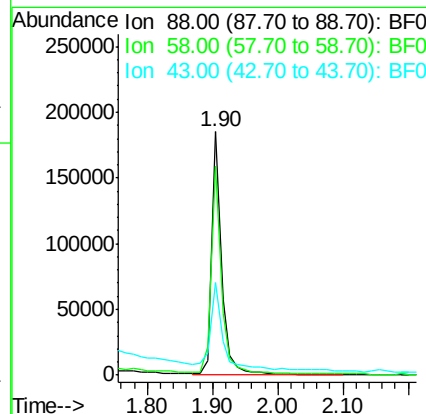
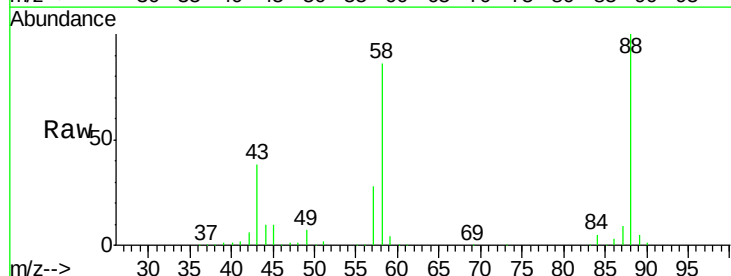
Tot Ion:152 Resp: 161983
Ion Ratio Lower Upper
152 100
150 159.0 126.5 189.7
115 67.0 52.3 78.5

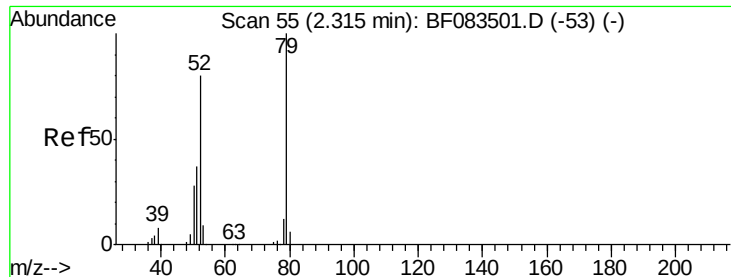


#2

1,4-Dioxane
Concen: 35.73 ng
RT: 1.90 min Scan# 19
Delta R.T. 0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion: 88 Resp: 200091
Ion Ratio Lower Upper
88 100
58 86.7 68.0 102.0
43 41.9 27.9 41.9#

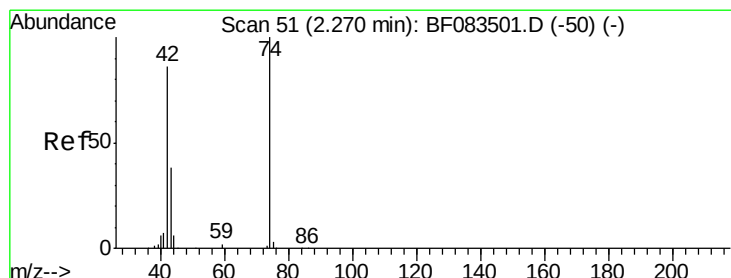
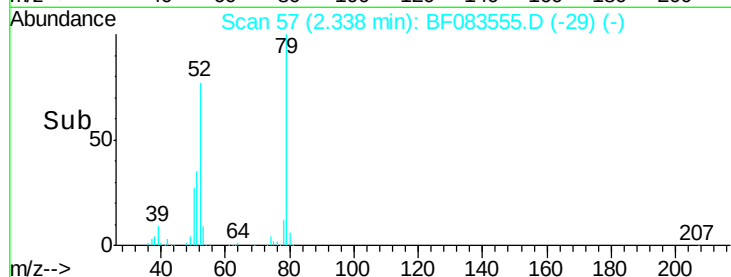
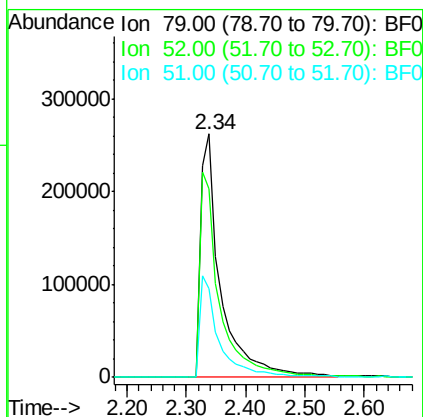
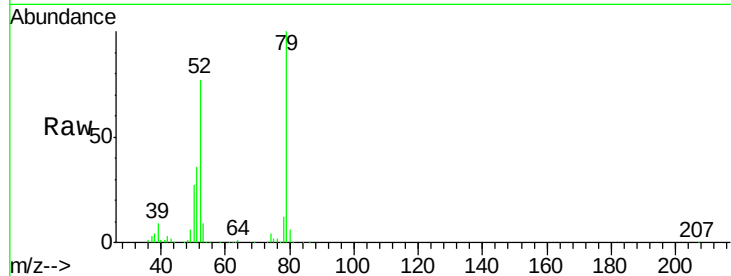




#3
 Pvridine
 Concen: 47.08 ng
 RT: 2.34 min Scan# 57
 Delta R.T. 0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

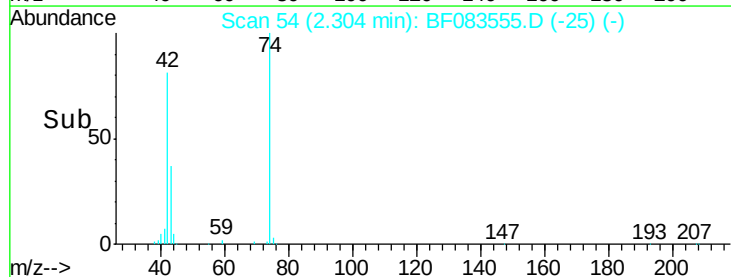
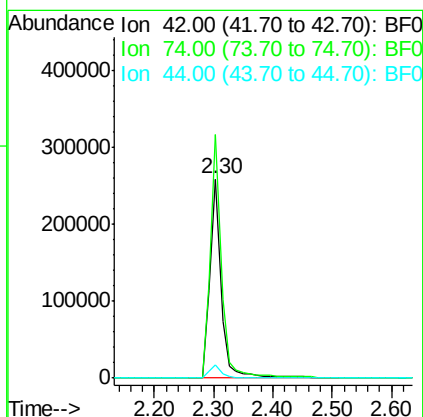
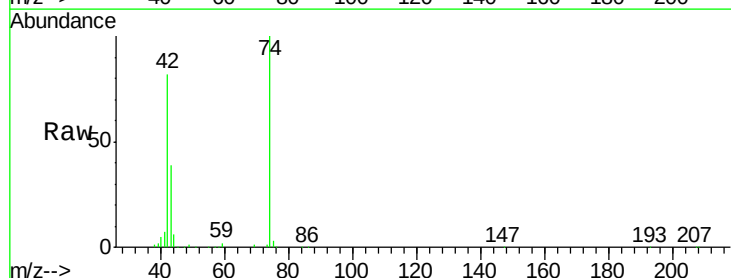
Instrument :
 BNA_F
 ClientSampleId :

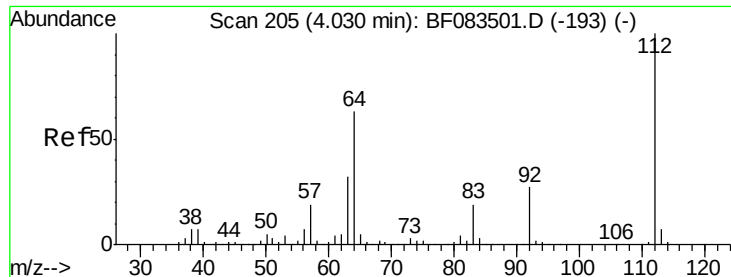
Tot Ion: 79 Resp: 629135
 Ion Ratio Lower Upper
 79 100
 52 77.3 63.7 95.5
 51 36.3 30.6 45.8



#4
 n-Nitrosodimethylamine
 Concen: 51.22 ng
 RT: 2.30 min Scan# 54
 Delta R.T. 0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion: 42 Resp: 344811
 Ion Ratio Lower Upper
 42 100
 74 122.5 92.9 139.3
 44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 152.67 ng

RT: 4.03 min Scan# 205

Delta R.T. -0.00 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

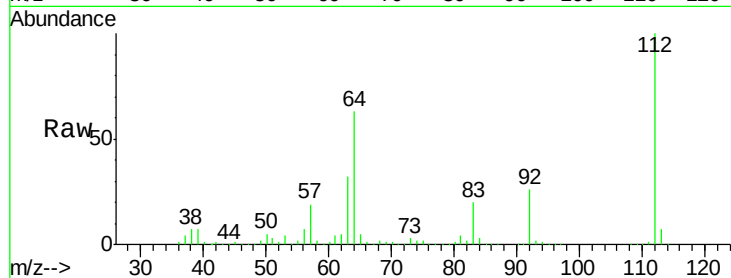
Tot Ion:112 Resp: 1630013

Ion Ratio Lower Upper

112 100

64 63.1 50.5 75.7

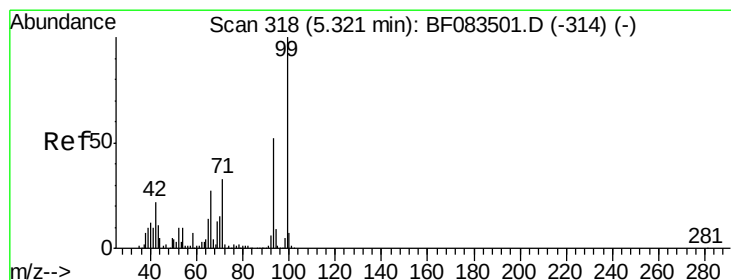
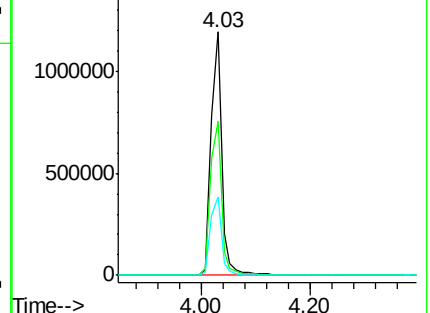
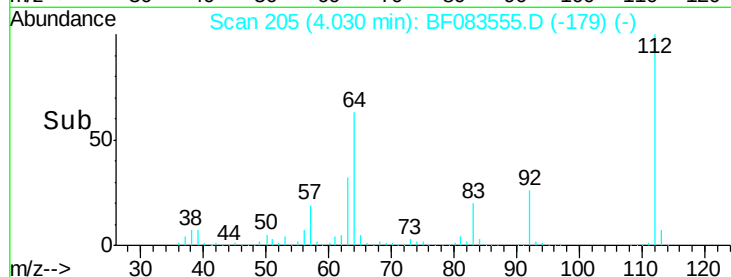
63 32.2 25.8 38.6



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: 24.82 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

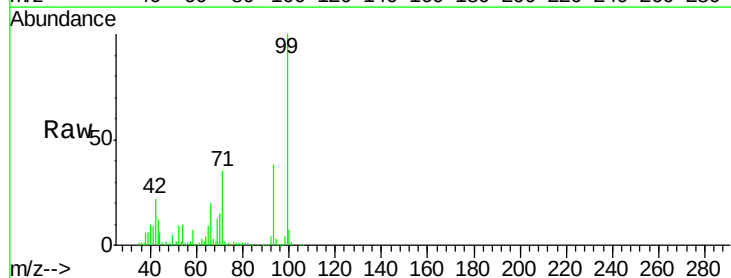
Tgt Ion: 93 Resp: 475176

Ion Ratio Lower Upper

93 100

66 53.9 41.3 61.9

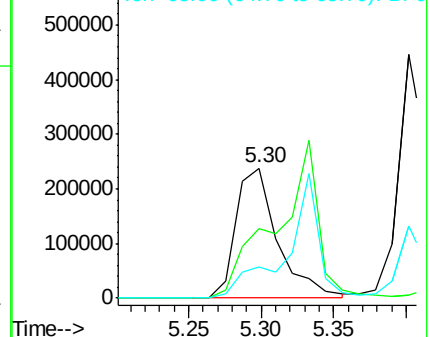
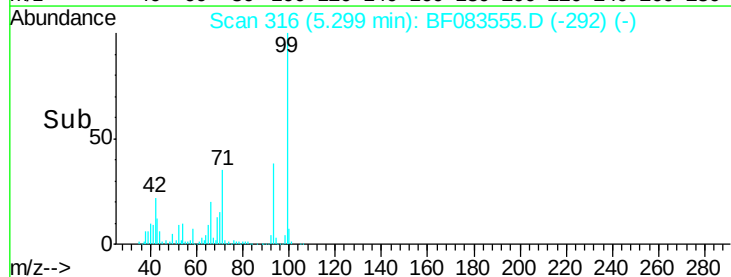
65 24.0 20.8 31.2

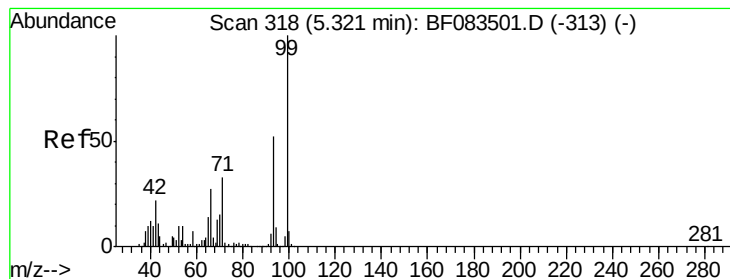


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 145.19 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampled :

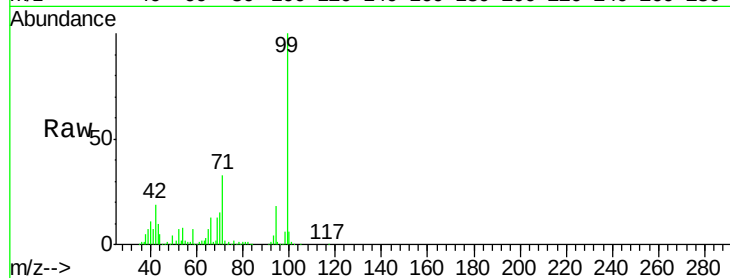
Tot Ion: 99 Resp: 2135880

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

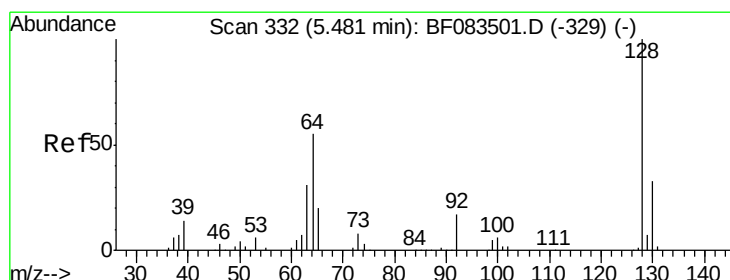
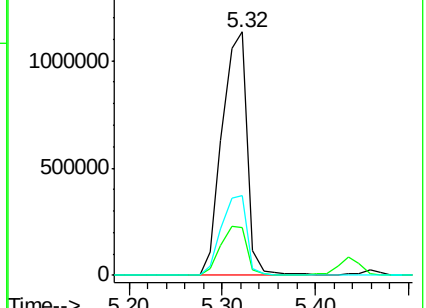
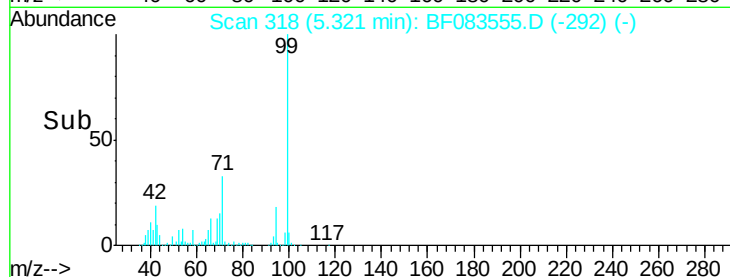
71 32.7 26.6 40.0



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: 46.99 ng

RT: 5.46 min Scan# 330

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

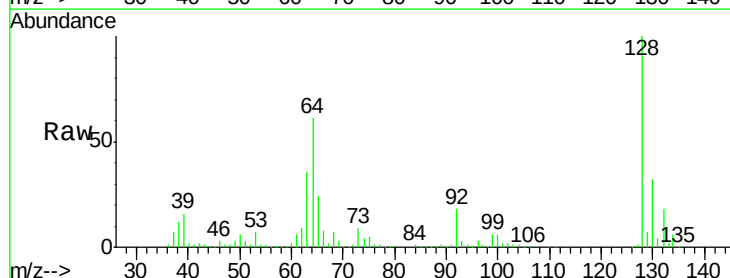
Tgt Ion:128 Resp: 557935

Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

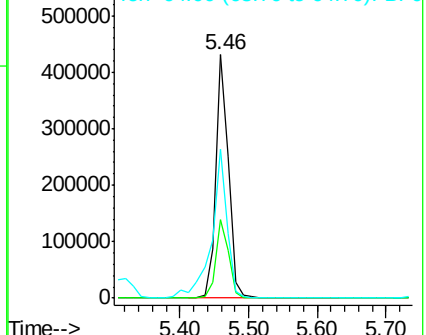
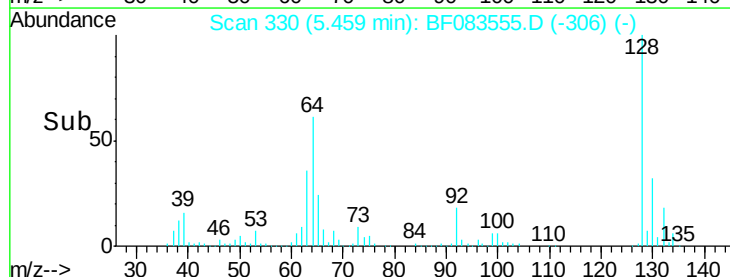
64 61.0 38.6 78.6

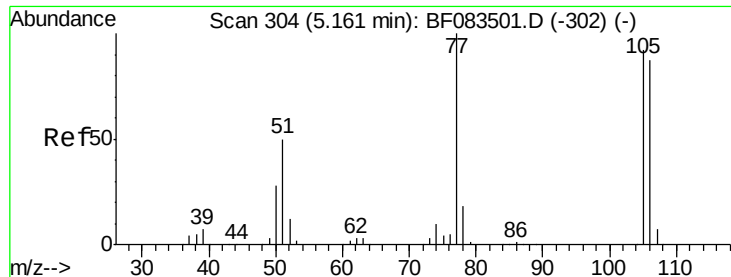


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

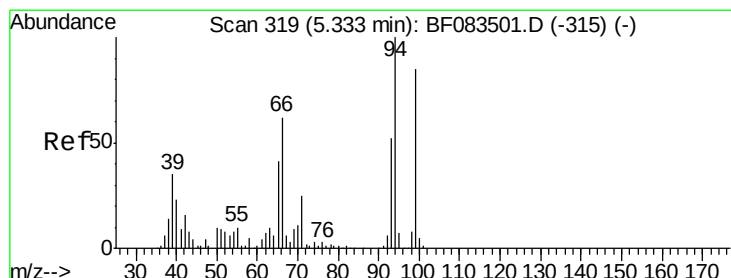
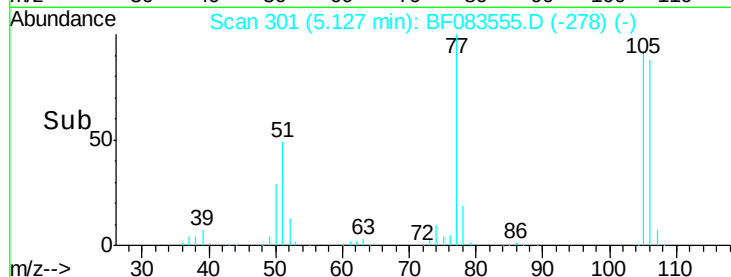
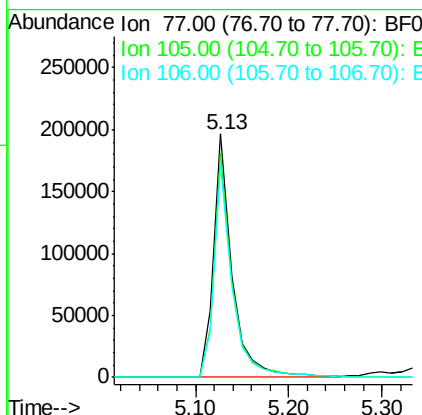
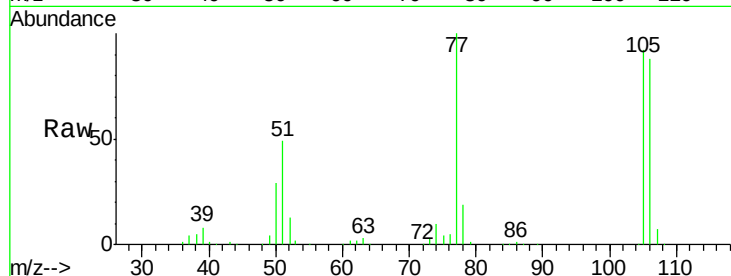




#9
Benzaldehyde
Concen: 32.21 ng
RT: 5.13 min Scan# 301
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

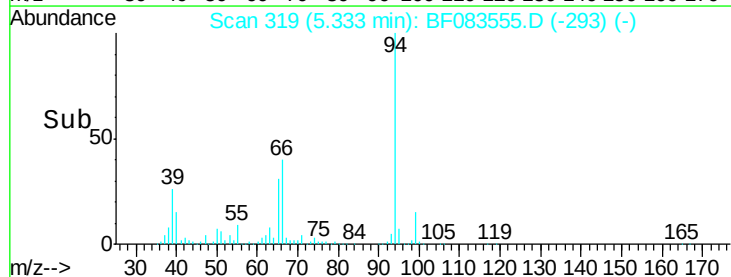
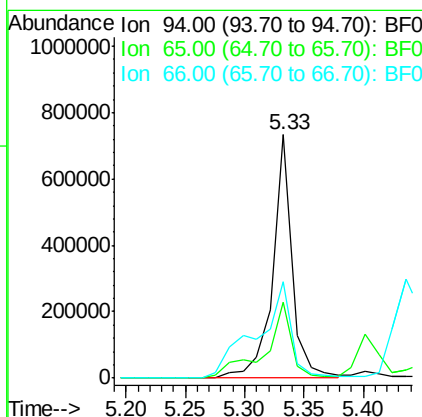
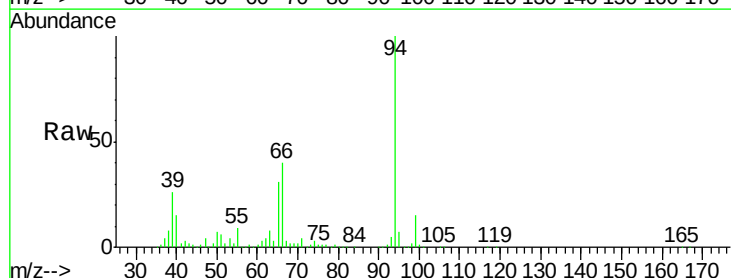
Instrument :
BNA_F
ClientSampled :

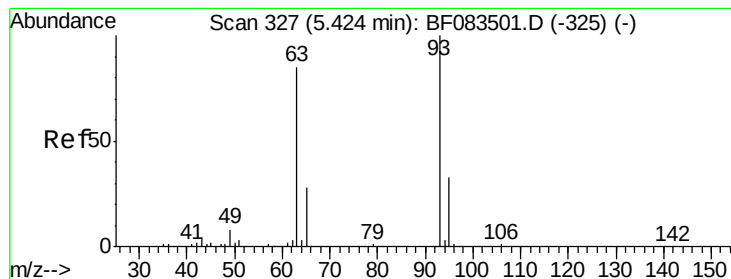
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Ion Ratio Lower Upper
77 100
105 92.1 71.8 111.8
106 87.5 66.8 106.8



#10
Phenol
Concen: 48.92 ng
RT: 5.33 min Scan# 319
Delta R.T. -0.00 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion: 94 Resp: 841599
Ion Ratio Lower Upper
94 100
65 31.0 20.9 60.9
66 39.5 41.6 81.6#

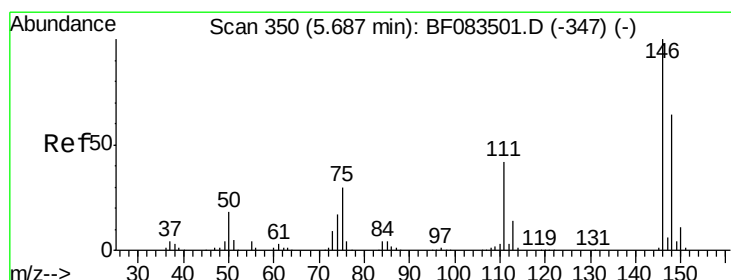
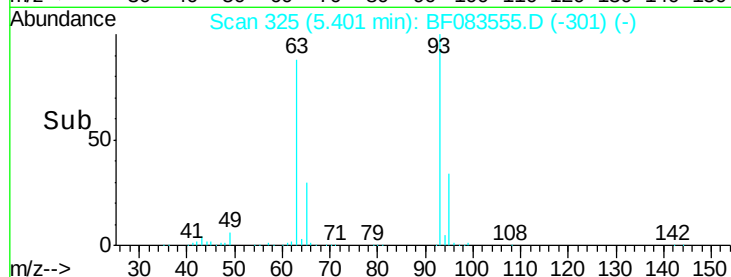
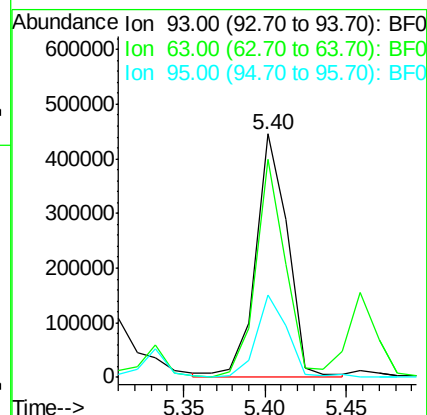
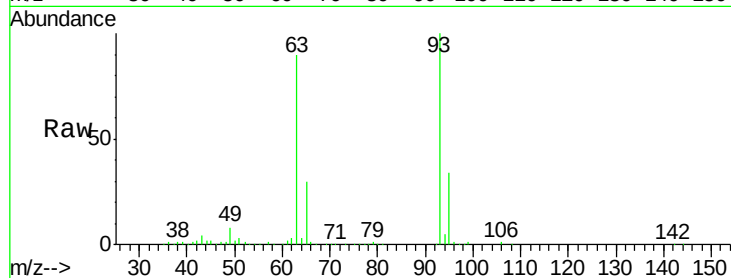




#11
bis(2-Chloroethyl)ether
Concen: 47.35 ng
RT: 5.40 min Scan# 325
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

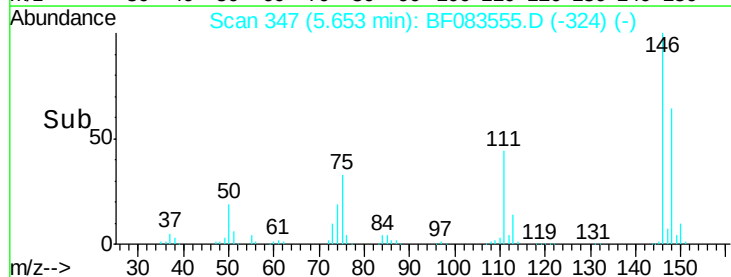
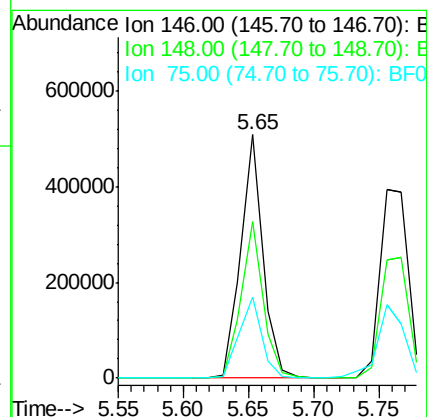
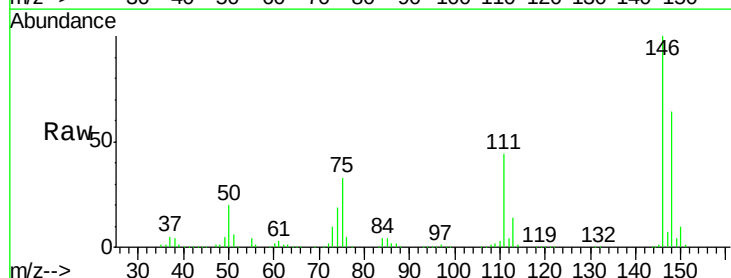
Instrument :
BNA_F
ClientSampleId :

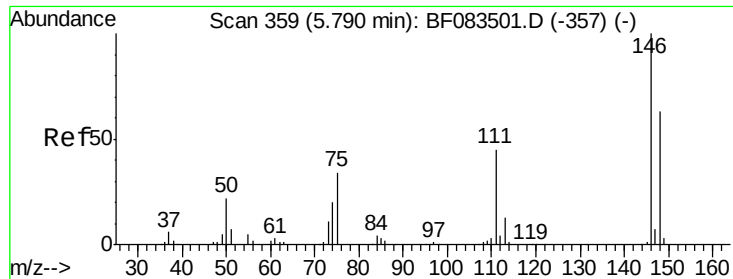
Tot Ion: 93 Resp: 603668
Ion Ratio Lower Upper
93 100
63 89.5 64.7 104.7
95 33.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.69 ng
RT: 5.65 min Scan# 347
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion: 146 Resp: 601639
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
75 33.2 24.1 36.1

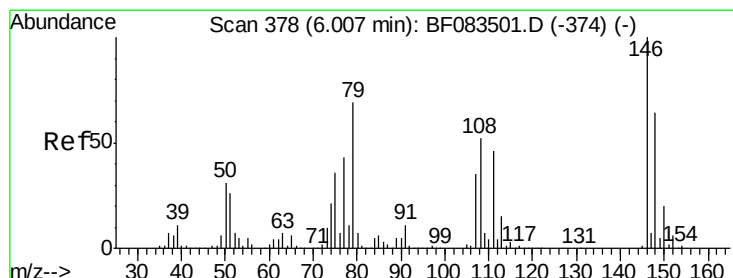
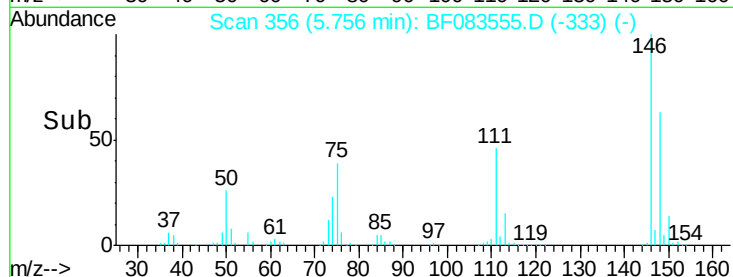
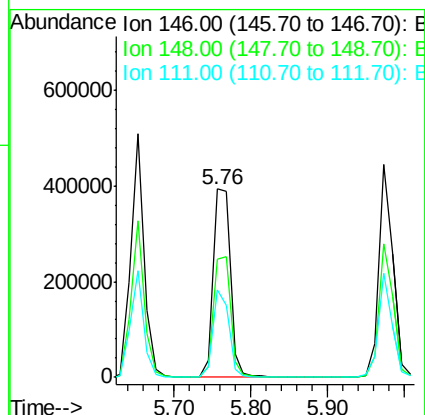
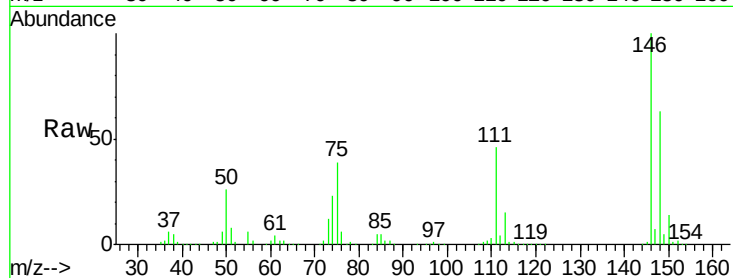




#13
 1,4-Dichlorobenzene
 Concen: 45.42 ng
 RT: 5.76 min Scan# 356
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

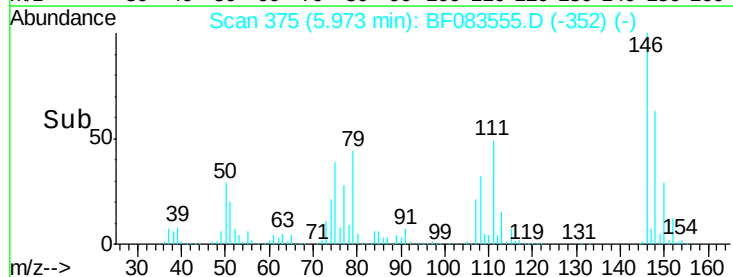
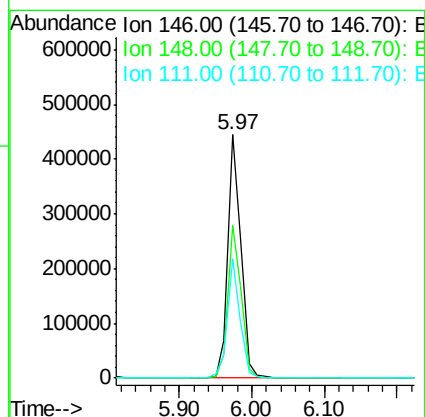
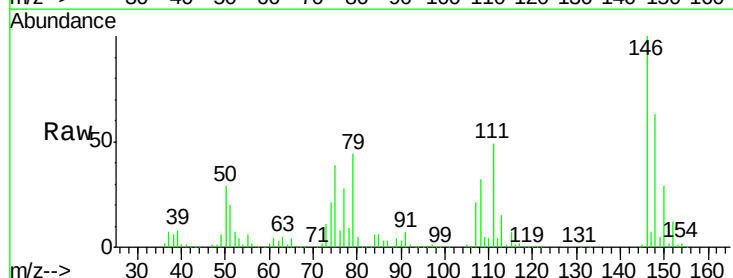
Instrument :
 BNA_F
 ClientSampleId :

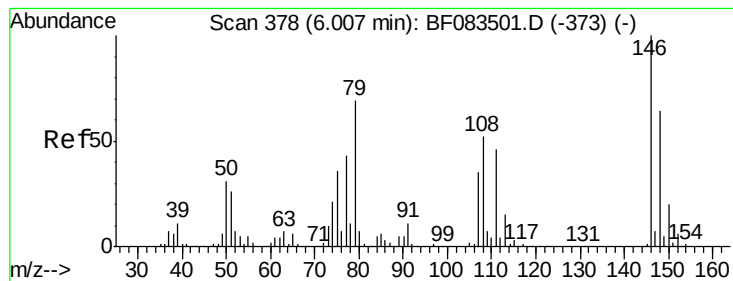
Tot Ion:146 Resp: 610787
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 76.0
 111 46.3 36.1 54.1



#14
 1,2-Dichlorobenzene
 Concen: 45.21 ng
 RT: 5.97 min Scan# 375
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion:146 Resp: 559076
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.4 77.0
 111 48.9 36.7 55.1





#15

Benzyl Alcohol

Concen: 54.60 ng

RT: 5.98 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

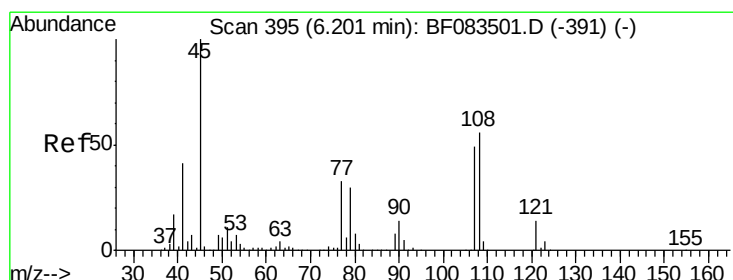
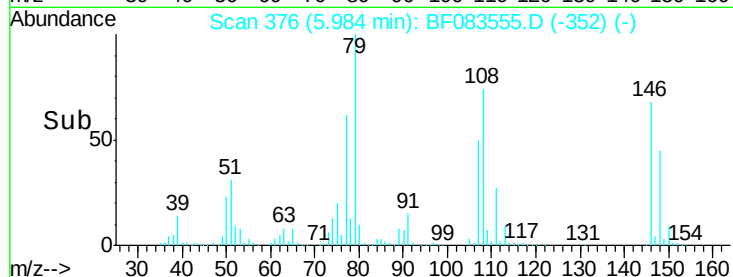
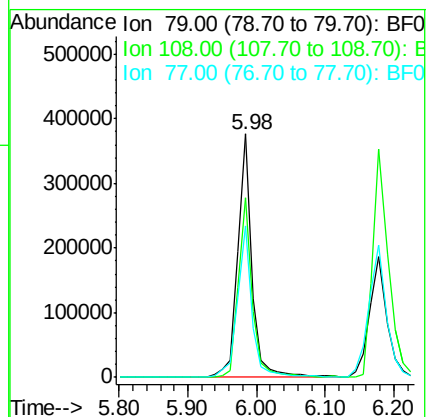
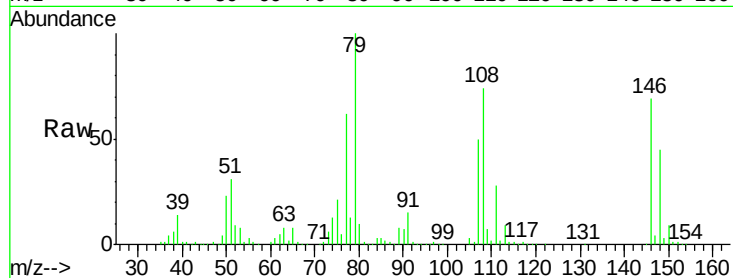
Tot Ion: 79 Resp: 557216

Ion Ratio Lower Upper

79 100

108 73.7 59.6 89.4

77 62.4 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.13 ng

RT: 6.17 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

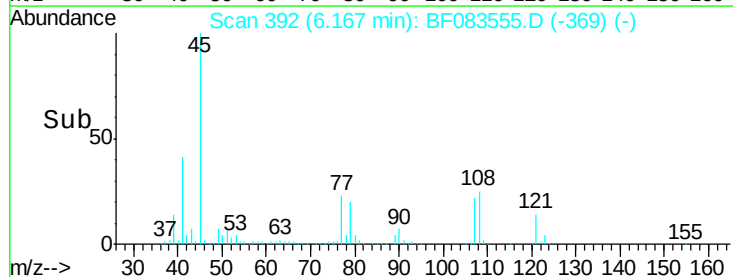
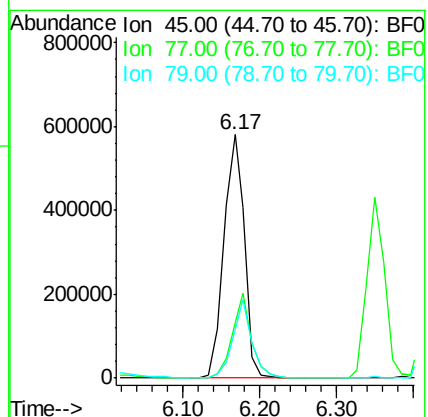
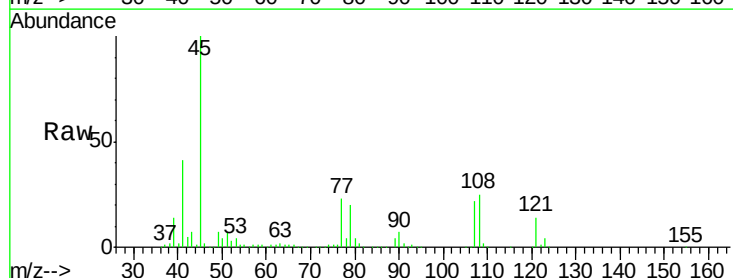
Tgt Ion: 45 Resp: 1090263

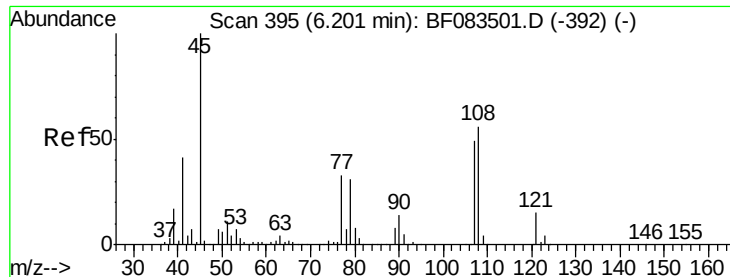
Ion Ratio Lower Upper

45 100

77 22.9 12.8 52.8

79 20.0 10.7 50.7

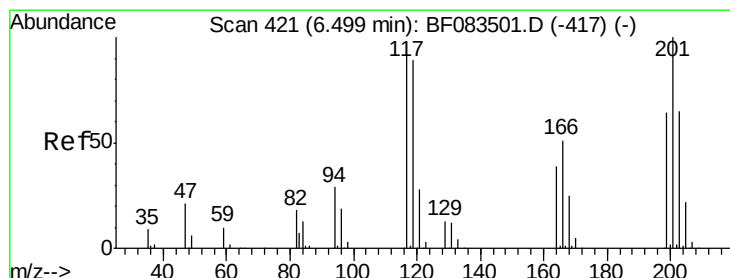
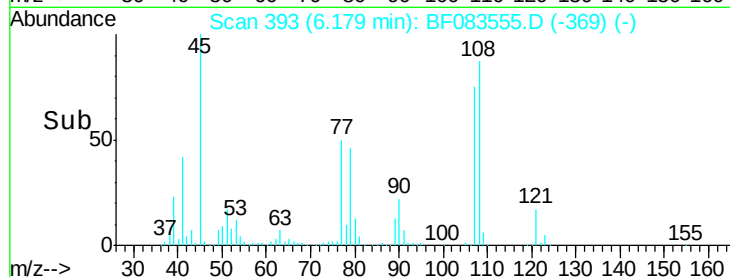
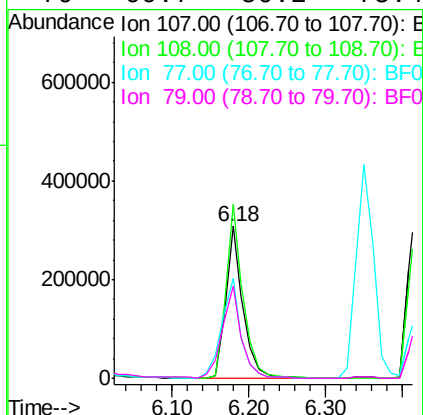
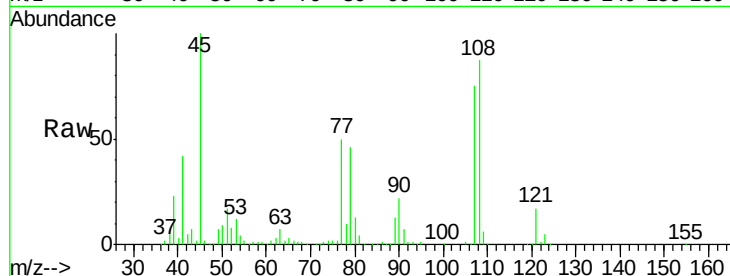




#17
2-Methylphenol
Concen: 49.04 ng
RT: 6.18 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

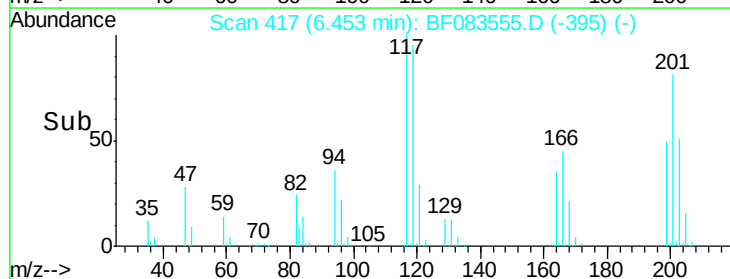
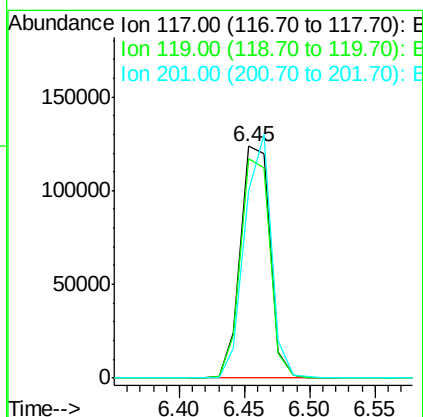
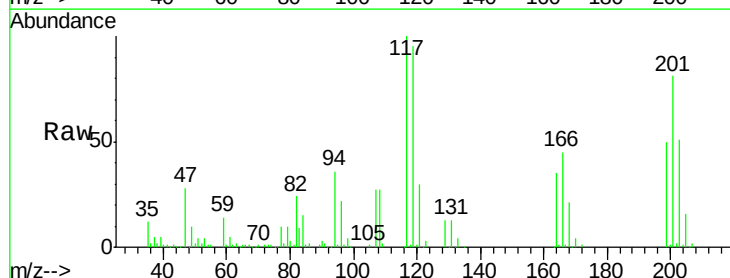
Instrument :
BNA_F
ClientSampleId :

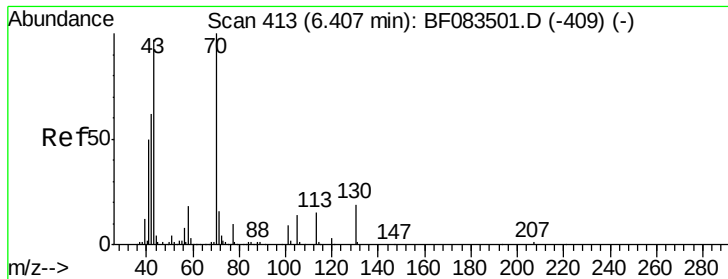
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.6	137.4
77	66.1	53.7	80.5
79	60.7	50.2	75.4



#18
Hexachloroethane
Concen: 41.56 ng
RT: 6.45 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.2	115.8
201	80.8	86.8	130.2#

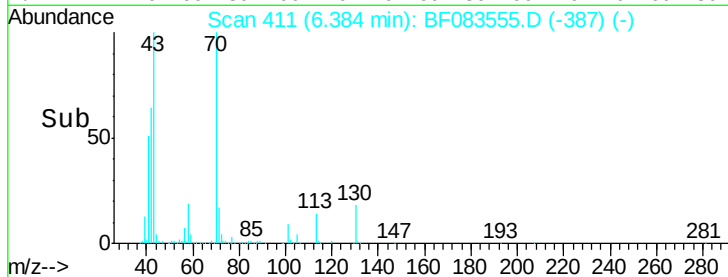
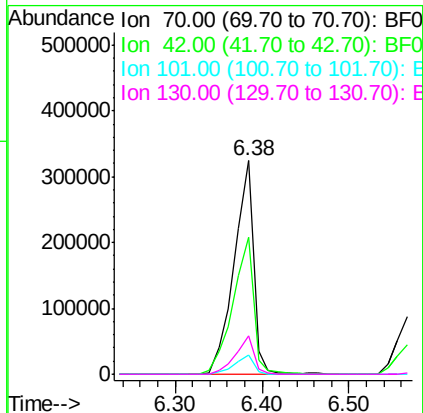
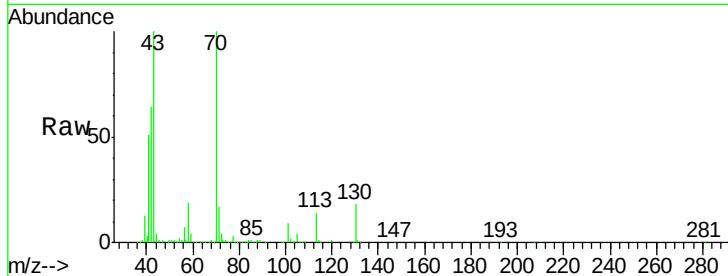




#19
n-Nitroso-di-n-propylamine
Concen: 51.47 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

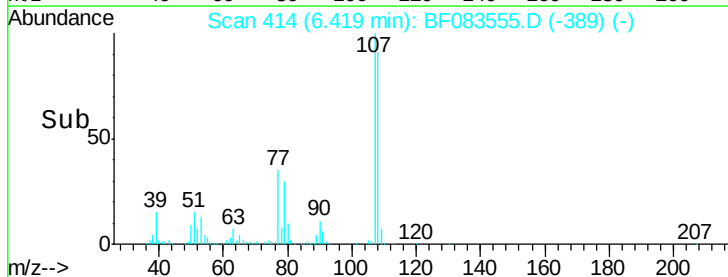
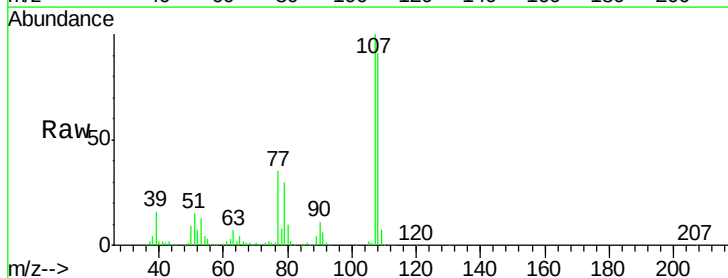
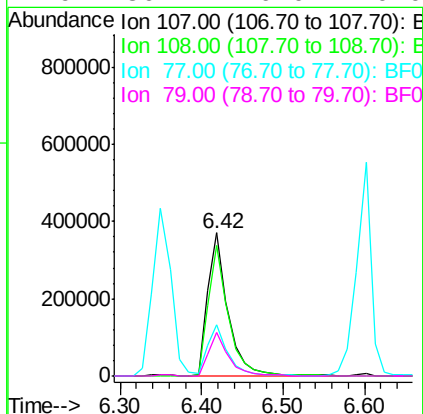
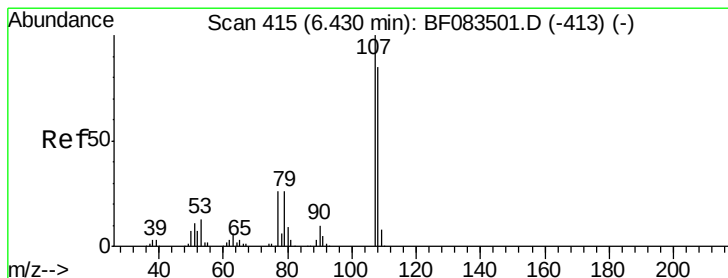
Instrument :
BNA_F
ClientSampled :

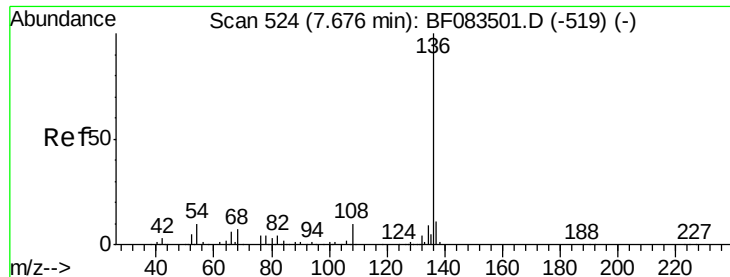
Tot Ion:	70	Resp:	505132
Ion	Ratio	Lower	Upper
70	100		
42	64.3	49.2	73.8
101	8.7	7.1	10.7
130	18.1	15.4	23.0



#20
3+4-Methylphenols
Concen: 50.73 ng
RT: 6.42 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion:	107	Resp:	645835
Ion	Ratio	Lower	Upper
107	100		
108	91.1	65.2	105.2
77	35.4	15.2	55.2
79	30.4	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 521

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 601267

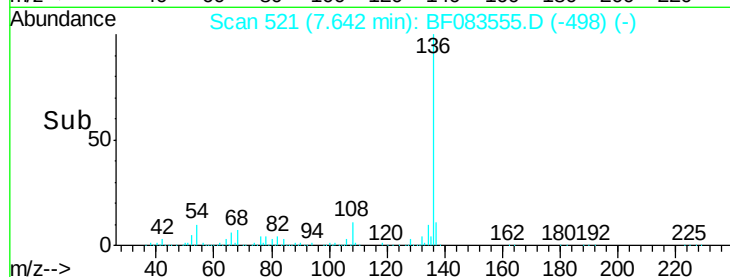
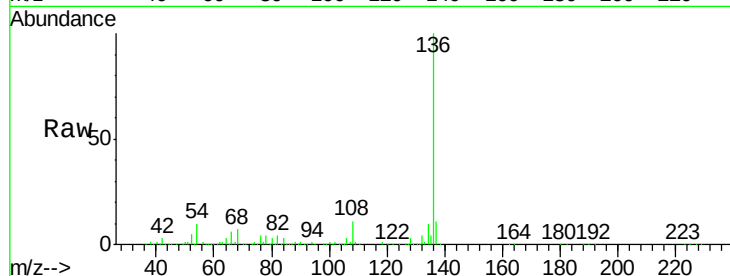
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.1 7.8 11.6

68 7.0 5.7 8.5

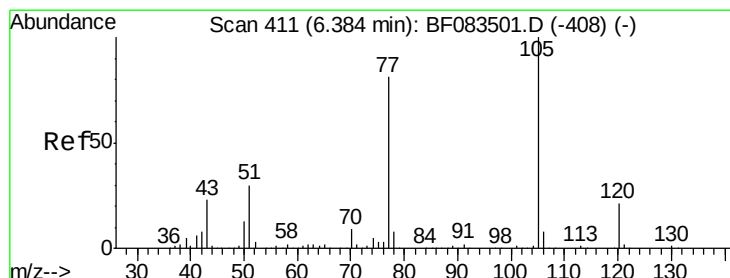
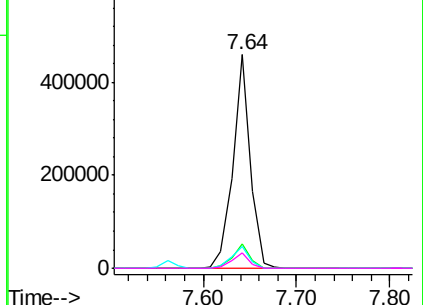


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.24 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Tgt Ion:105 Resp: 852769

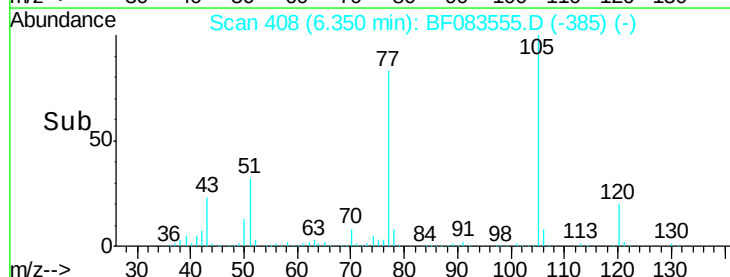
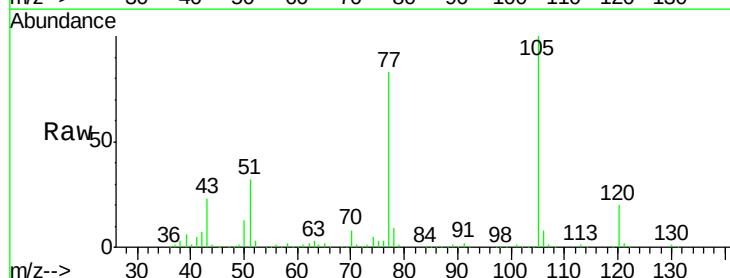
Ion Ratio Lower Upper

105 100

71 1.4 1.3 1.9

51 31.8 23.8 35.8

120 19.7 16.7 25.1

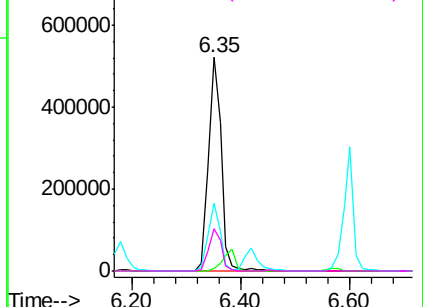


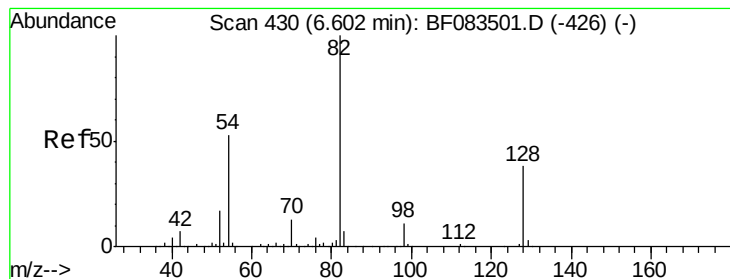
Abundance Ion 105.00 (104.70 to 105.70): E

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: 106.17 ng

RT: 6.58 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

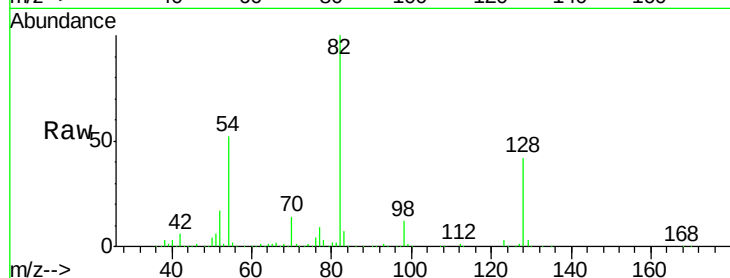
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1365676

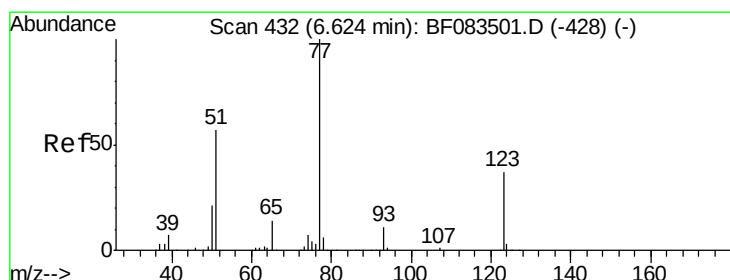
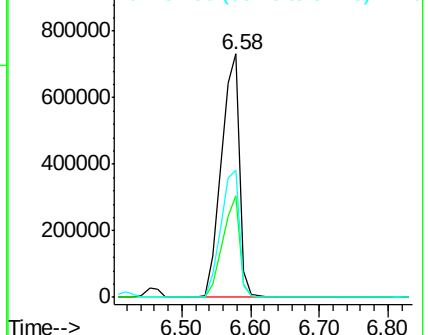
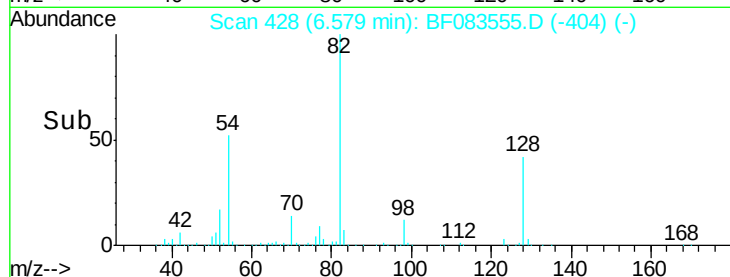
Ion	Ratio	Lower	Upper
82	100		
128	41.9	30.7	46.1
54	52.0	42.5	63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 48.82 ng

RT: 6.60 min Scan# 430

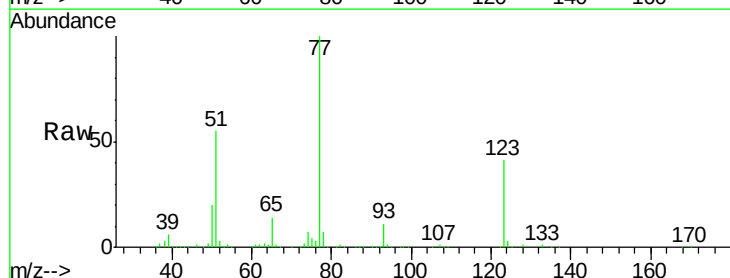
Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Tgt Ion: 77 Resp: 691692

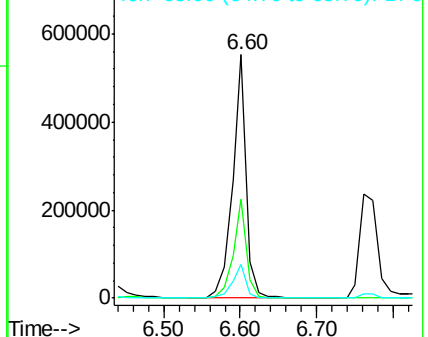
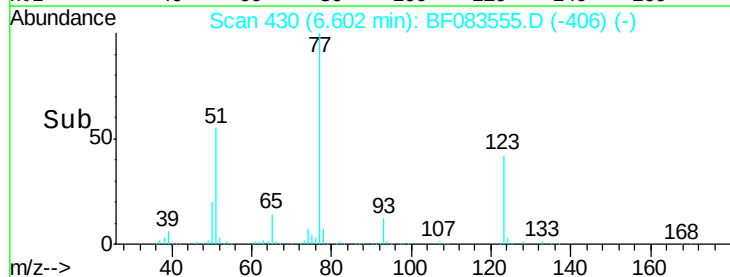
Ion	Ratio	Lower	Upper
77	100		
123	40.9	29.8	44.6
65	13.9	11.1	16.7

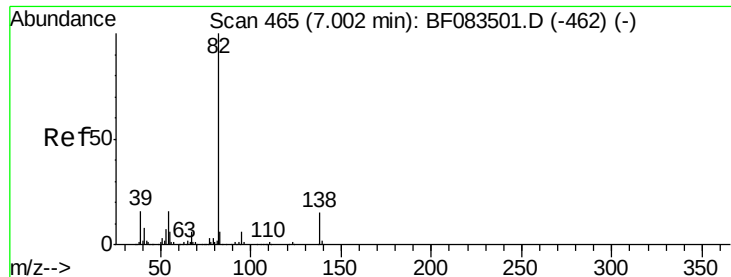


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 50.35 ng

RT: 6.97 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

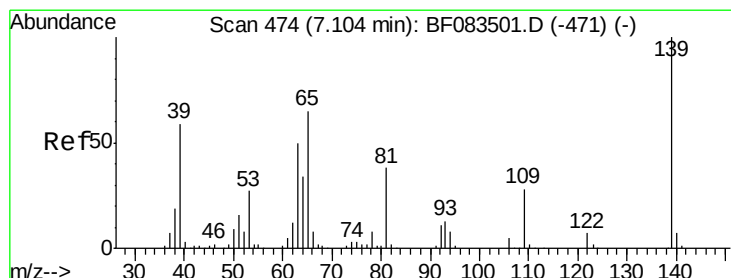
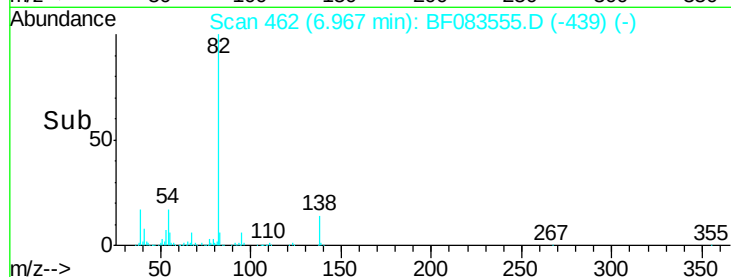
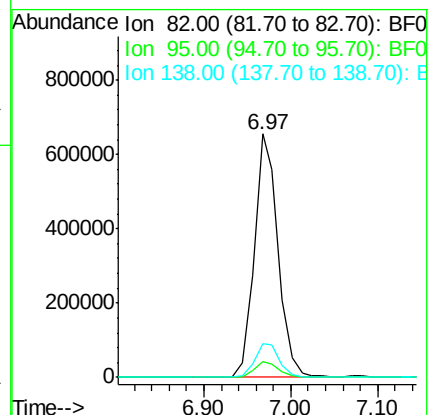
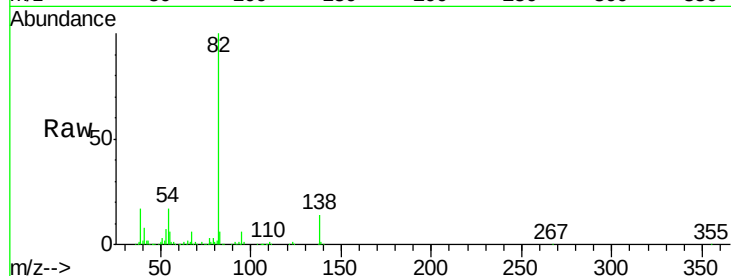
Tot Ion: 82 Resp: 1243646

Ion Ratio Lower Upper

82 100

95 6.4 5.0 7.4

138 13.6 12.1 18.1



#26

2-Nitrophenol

Concen: 47.23 ng

RT: 7.08 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

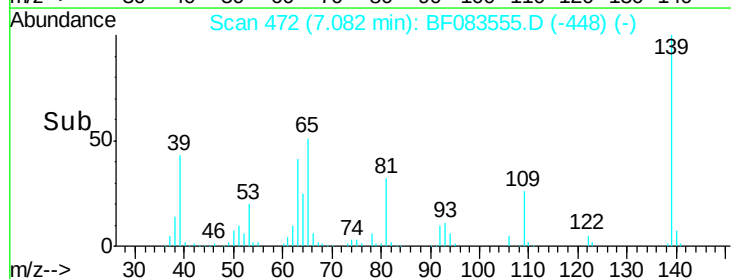
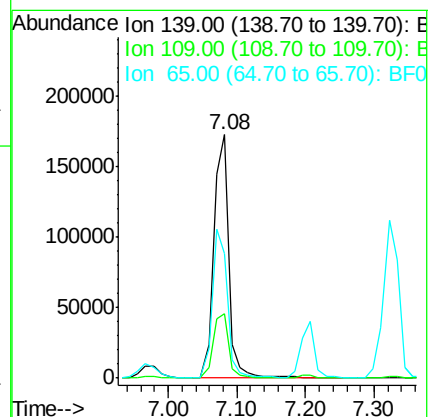
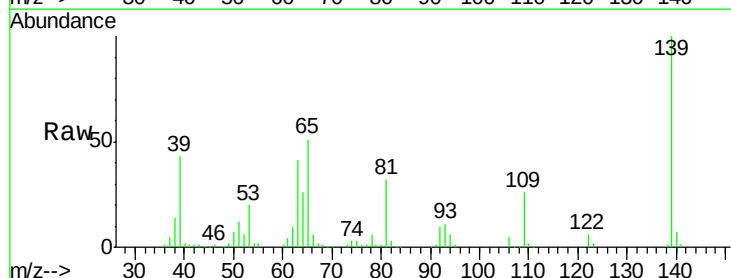
Tgt Ion: 139 Resp: 264030

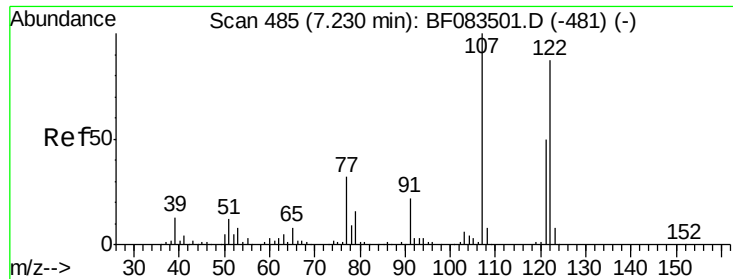
Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

65 51.0 51.8 77.8#

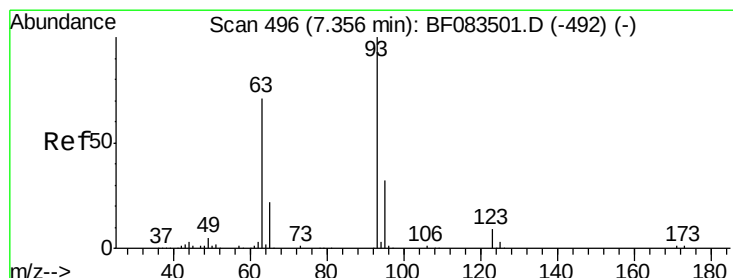
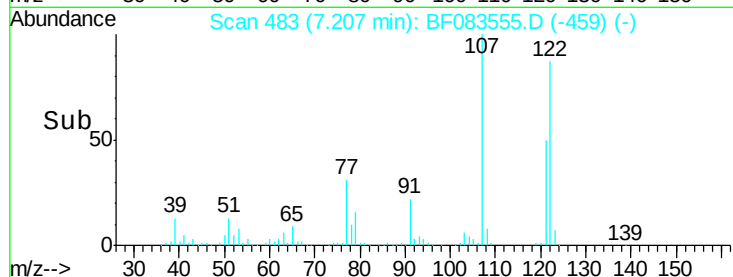
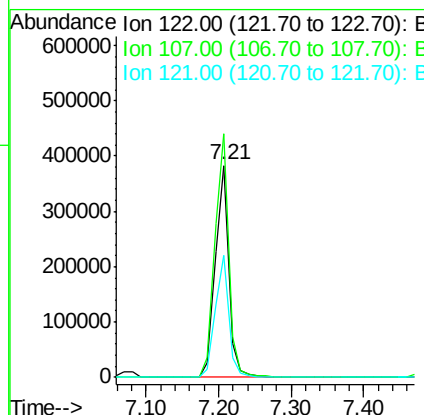
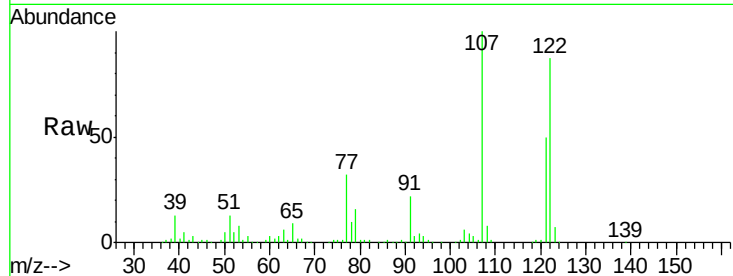




#27
 2,4-Dimethylphenol
 Concen: 50.25 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

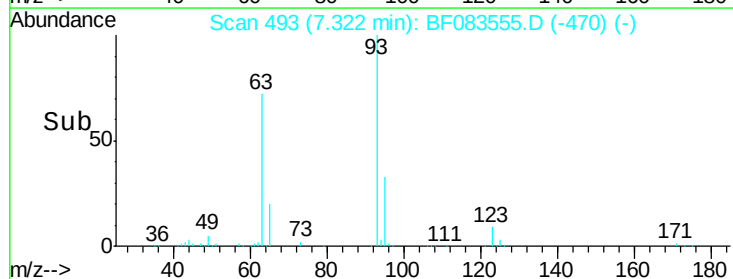
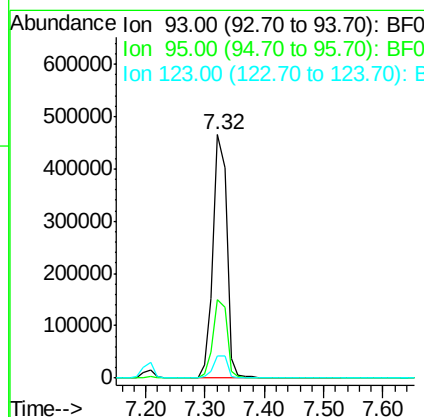
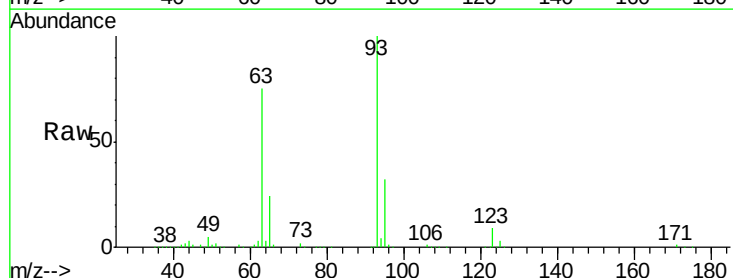
Instrument :
 BNA_F
 ClientSampleId :

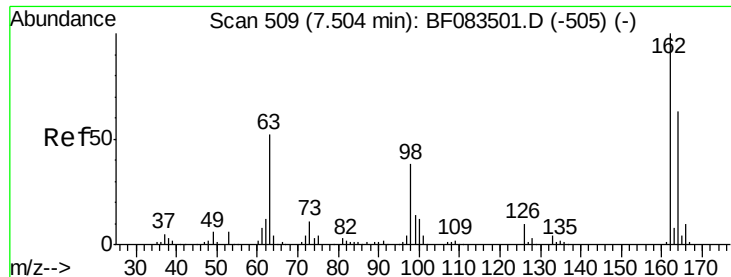
Tot Ion:122 Resp: 496382
 Ion Ratio Lower Upper
 122 100
 107 114.9 92.4 138.6
 121 57.3 45.8 68.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.98 ng
 RT: 7.32 min Scan# 493
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion: 93 Resp: 756836
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.6 38.4
 123 8.9 7.3 10.9

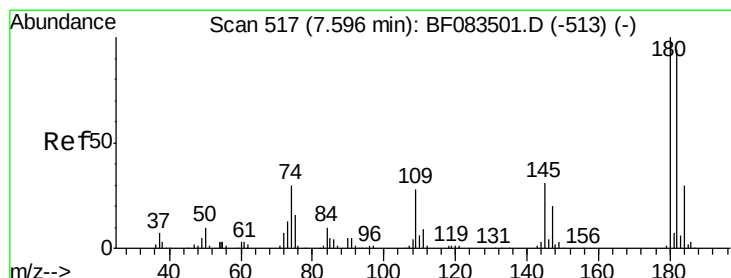
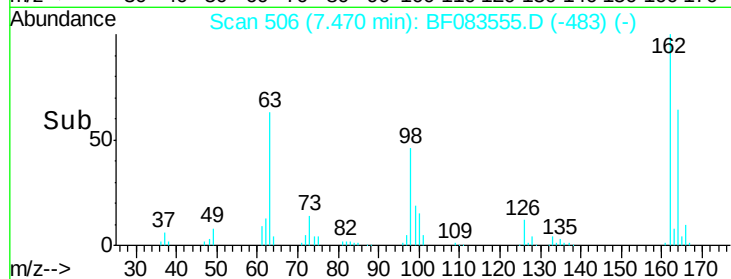
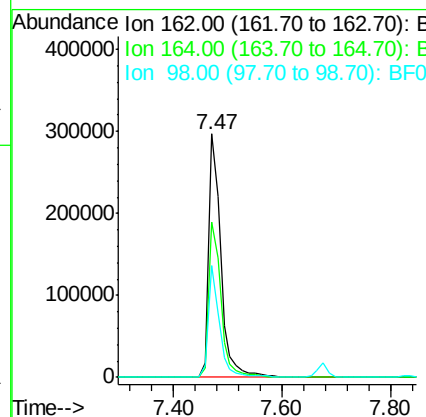
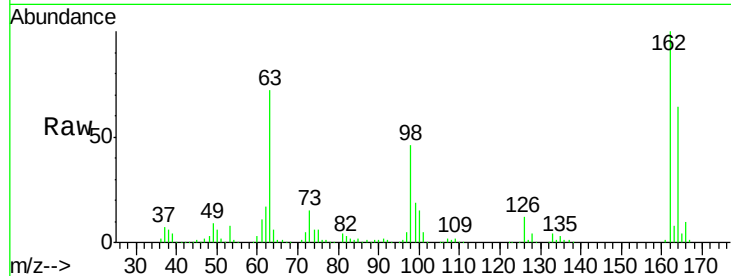




#29
2,4-Dichlorophenol
Concen: 51.51 ng
RT: 7.47 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

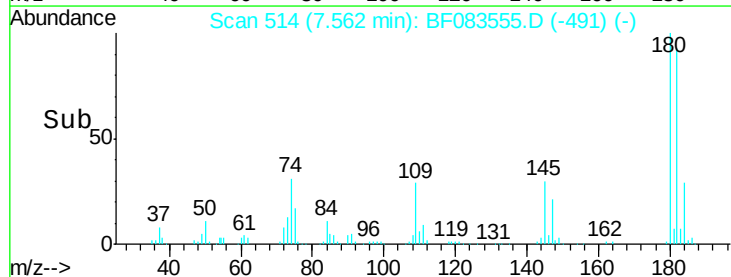
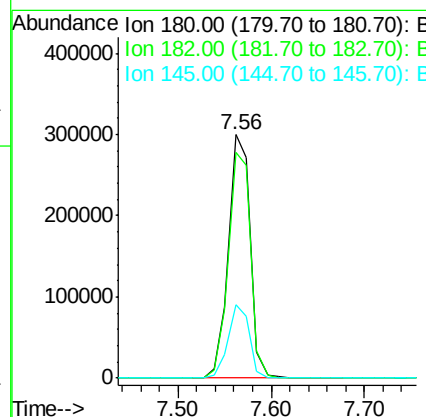
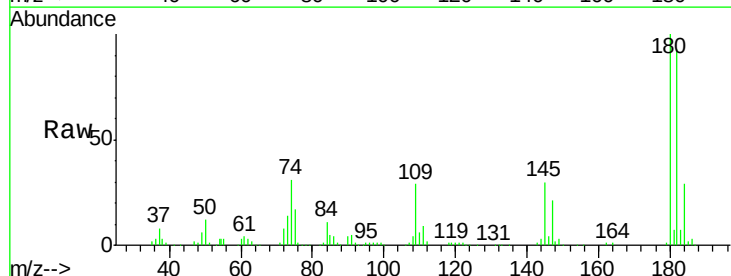
Instrument :
BNA_F
ClientSampleId :

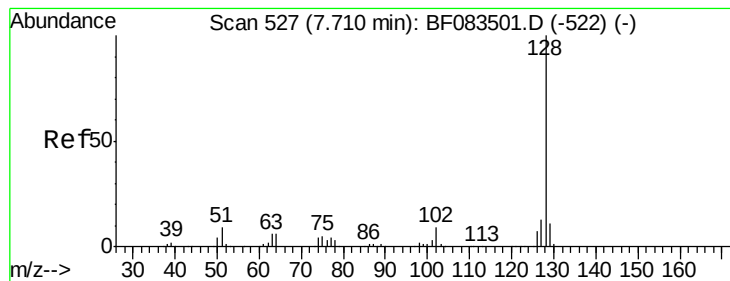
Tot Ion:162 Resp: 459390
Ion Ratio Lower Upper
162 100
164 63.8 43.4 83.4
98 45.7 17.5 57.5



#30
1,2,4-Trichlorobenzene
Concen: 49.43 ng
RT: 7.56 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion:180 Resp: 487439
Ion Ratio Lower Upper
180 100
182 92.5 74.9 112.3
145 30.4 24.7 37.1





#31

Naphthalene

Concen: 48.42 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

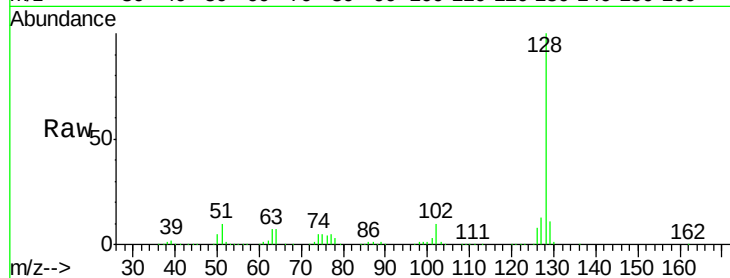
Tot Ion:128 Resp: 1549522

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

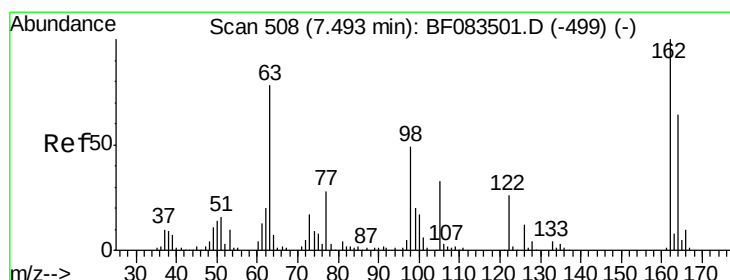
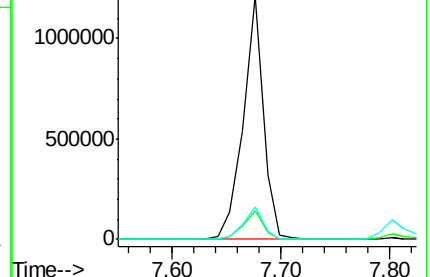
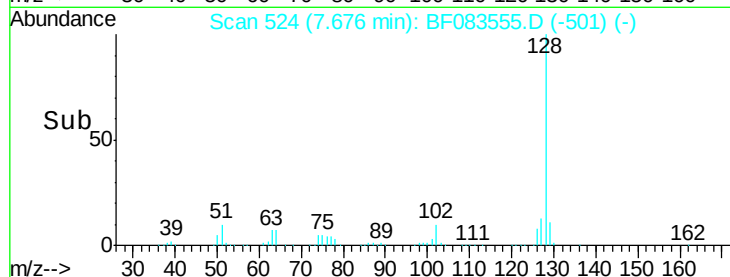
127 13.4 10.6 16.0



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: 79.37 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.29 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

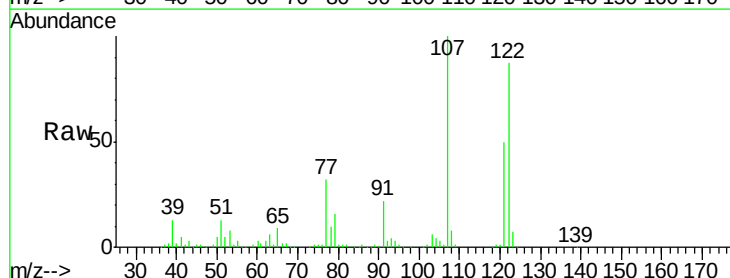
Tgt Ion:122 Resp: 477956

Ion Ratio Lower Upper

122 100

105 3.8 105.6 145.6#

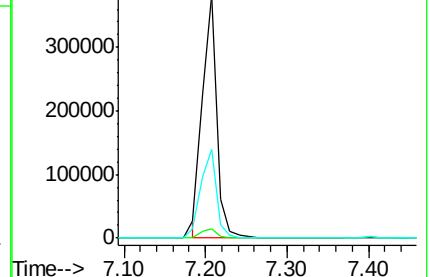
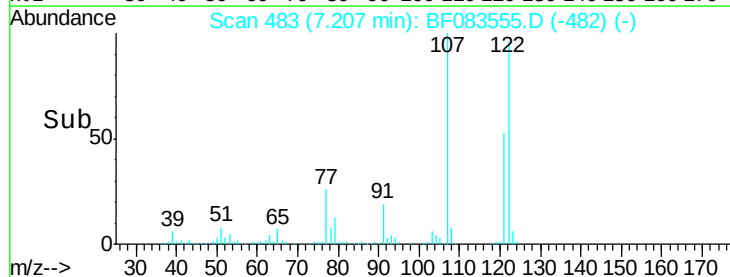
77 36.3 86.8 126.8#

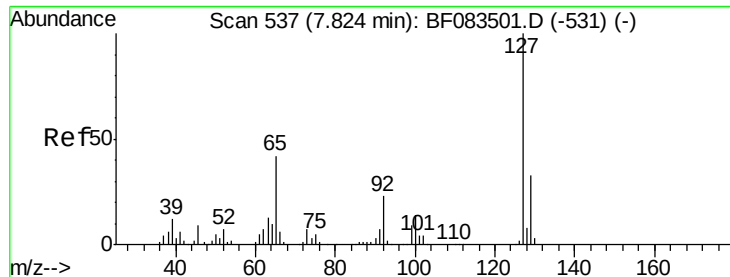


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

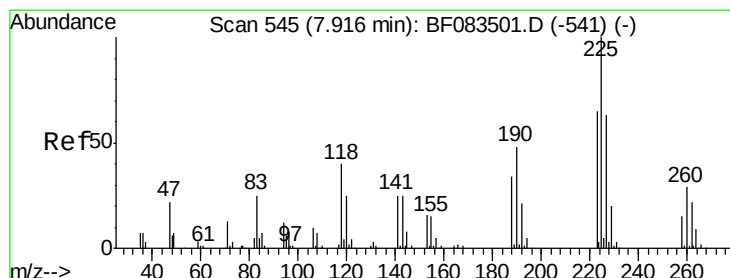
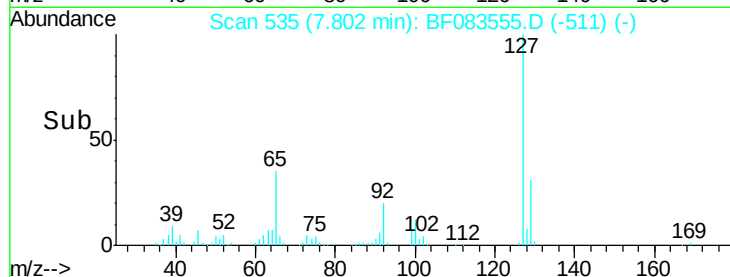
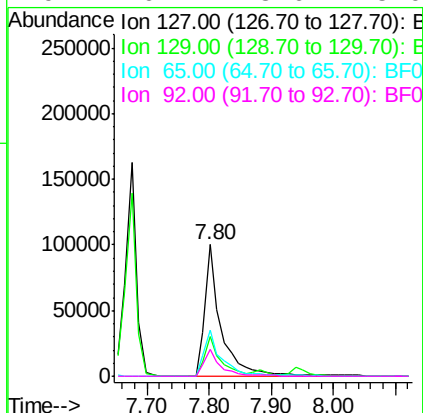
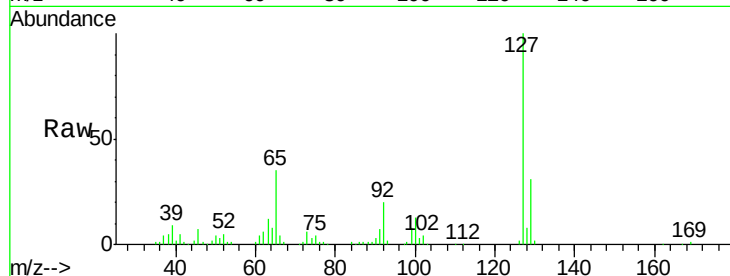




#33
4-Chloroaniline
Concen: 14.72 ng
RT: 7.80 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

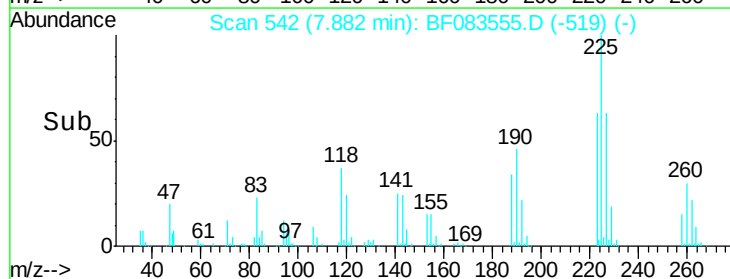
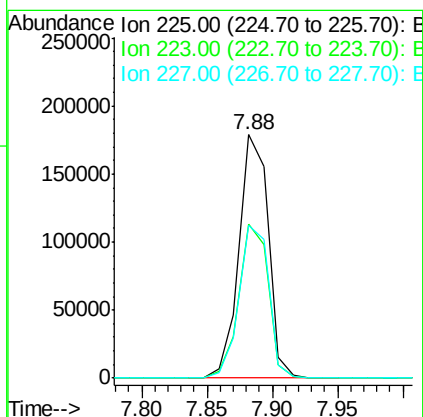
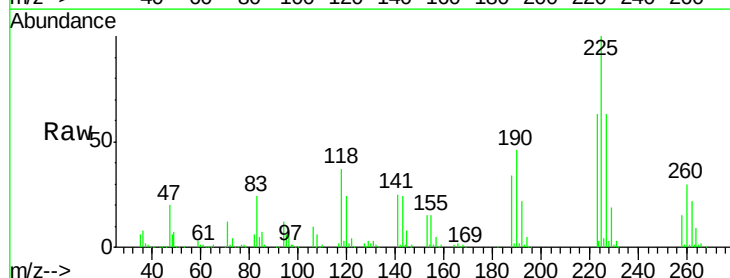
Instrument :
BNA_F
ClientSampled :

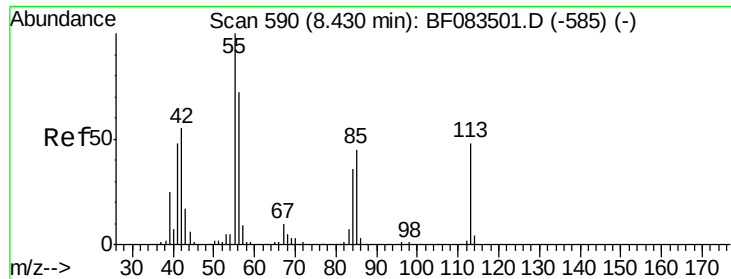
Tot Ion:	127	Resp:	184335
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.1	39.1
65	35.2	33.5	50.3
92	20.2	18.6	28.0



#34
Hexachlorobutadiene
Concen: 47.68 ng
RT: 7.88 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion:	225	Resp:	277845
Ion	Ratio	Lower	Upper
225	100		
223	63.0	52.3	78.5
227	62.7	50.4	75.6

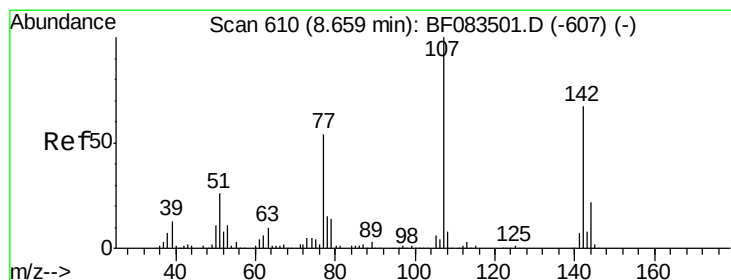
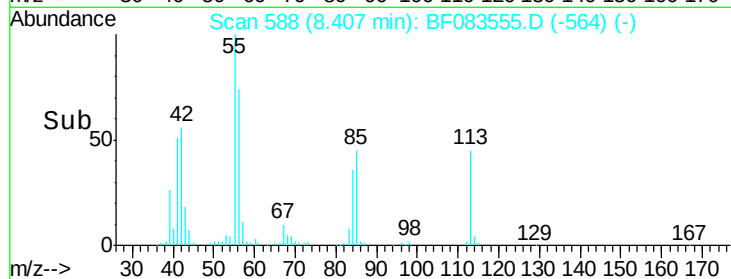
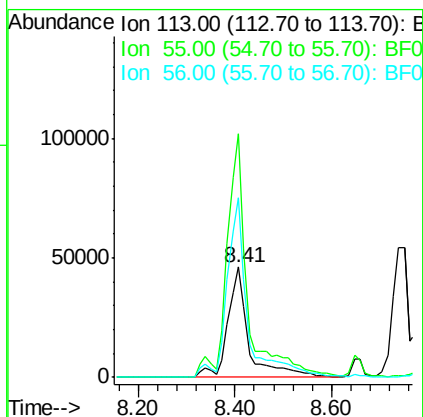
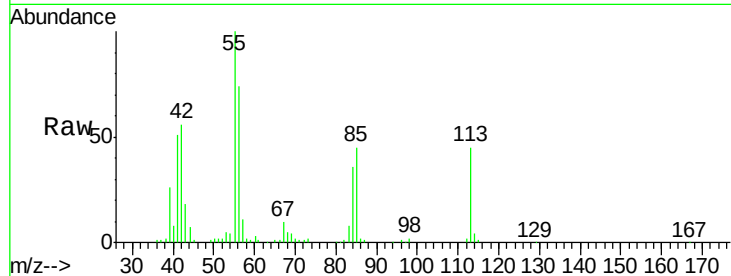




#35
 Caprolactam
 Concen: 48.94 ng
 RT: 8.41 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

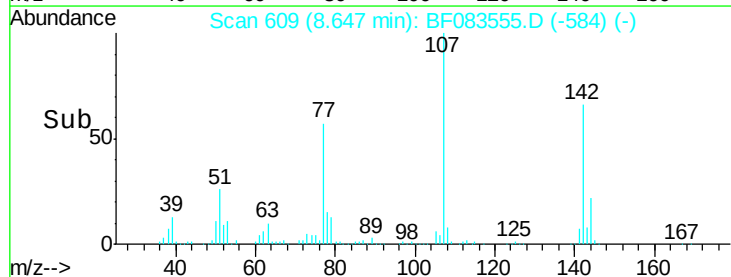
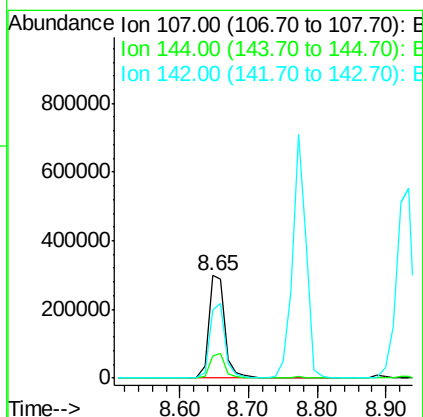
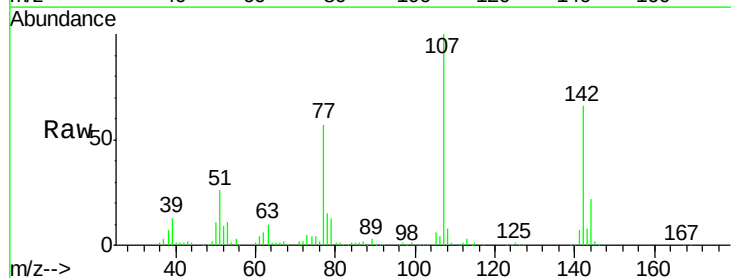
Instrument :
 BNA_F
 ClientSampled :

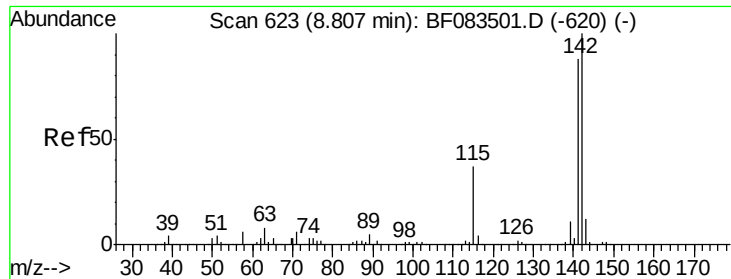
Tot Ion:113 Resp: 138832
 Ion Ratio Lower Upper
 113 100
 55 221.0 189.7 229.7
 56 163.5 130.7 170.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.81 ng
 RT: 8.65 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion:107 Resp: 489882
 Ion Ratio Lower Upper
 107 100
 144 21.7 17.5 26.3
 142 66.4 53.6 80.4

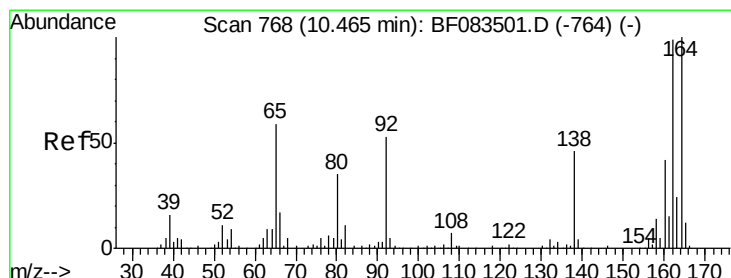
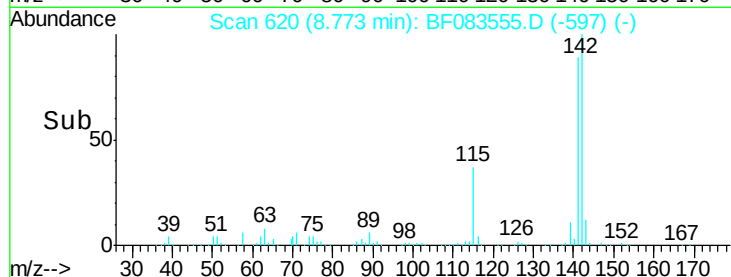
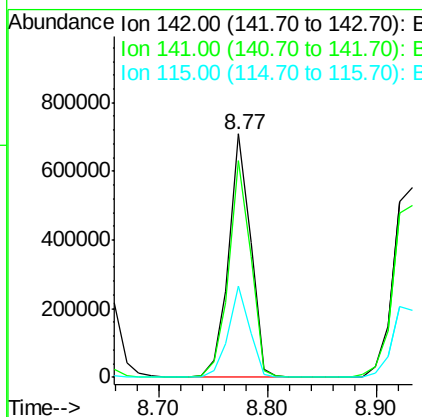
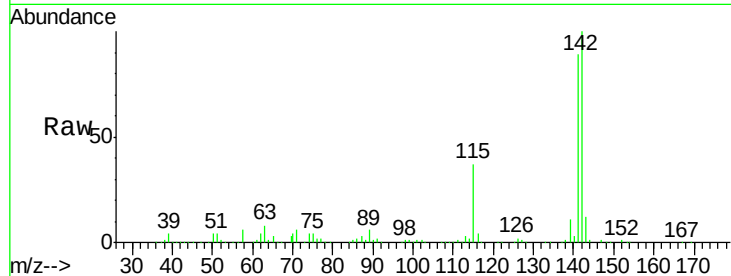




#37
2-Methylnaphthalene
Concen: 49.79 ng
RT: 8.77 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

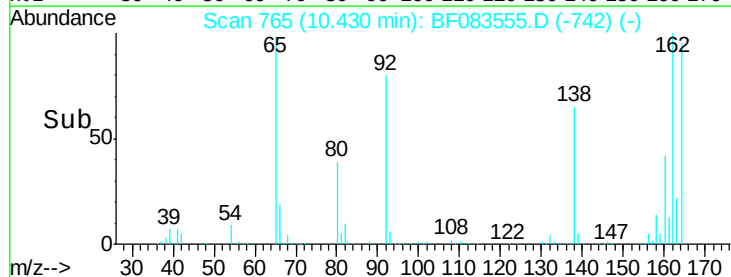
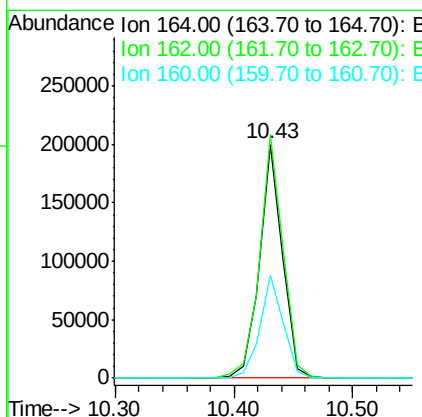
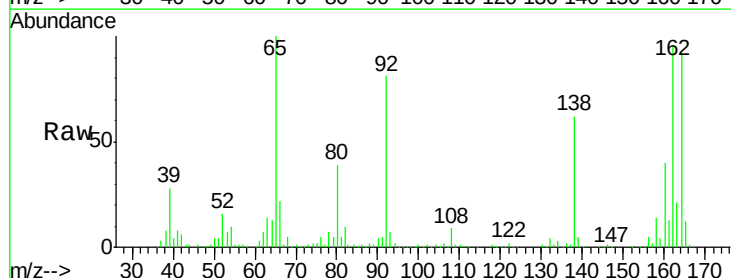
Instrument :
BNA_F
ClientSampleId :

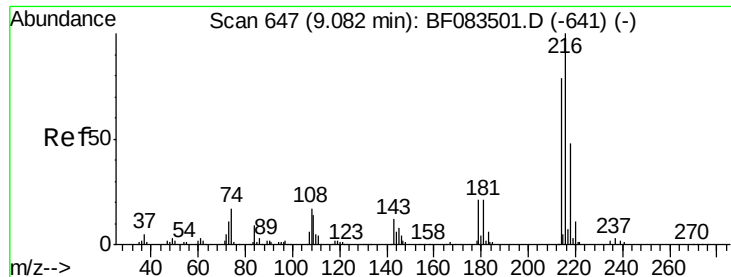
Tot Ion:142 Resp: 985456
Ion Ratio Lower Upper
142 100
141 89.1 70.3 105.5
115 37.4 29.2 43.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion:164 Resp: 268929
Ion Ratio Lower Upper
164 100
162 104.3 78.8 118.2
160 43.9 33.4 50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.36 ng

RT: 9.05 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 436527

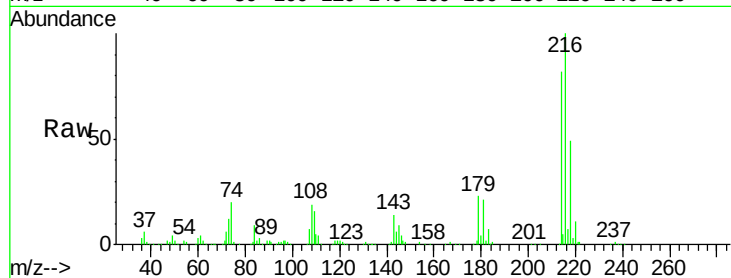
Ion Ratio Lower Upper

216 100

214 80.5 0.0 0.0#

179 22.2 0.0 0.0#

108 19.2 0.0 0.0#

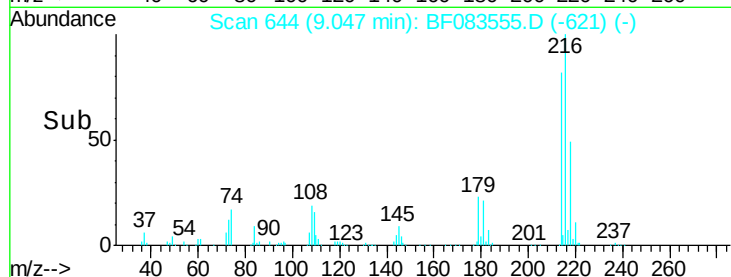


Abundance Ion 216.00 (215.70 to 216.70): E

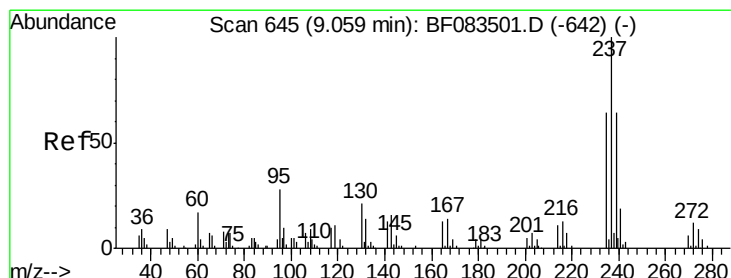
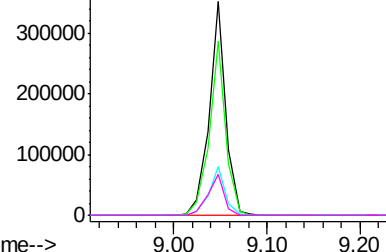
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 18.64 ng

RT: 9.02 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

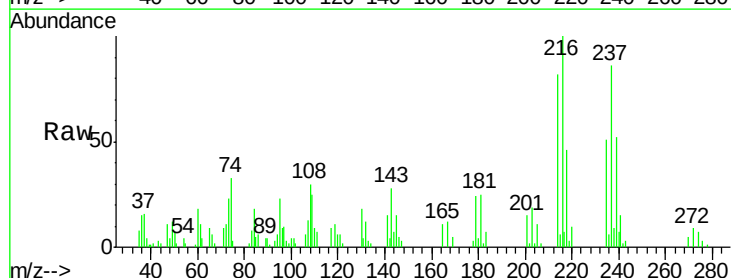
Tgt Ion:237 Resp: 32948

Ion Ratio Lower Upper

237 100

235 59.7 43.9 83.9

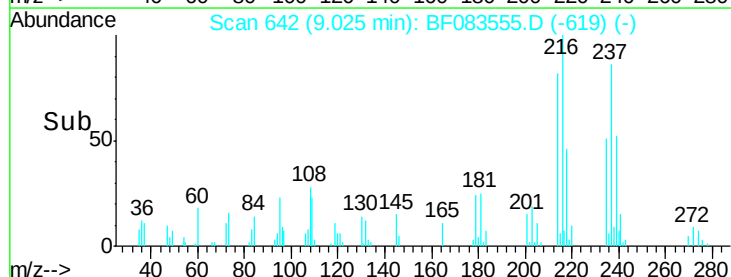
272 10.8 0.0 31.8



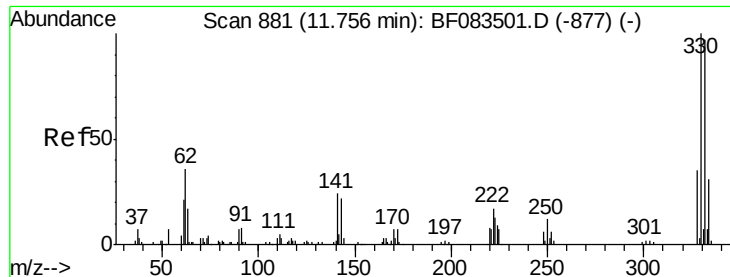
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



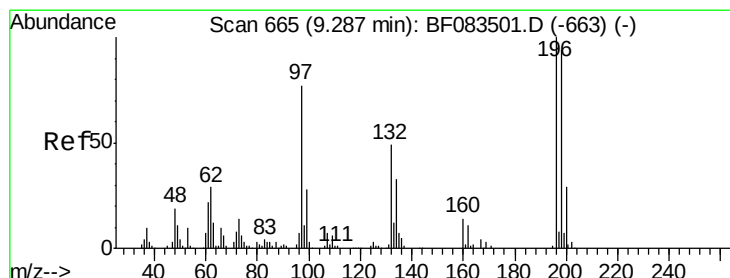
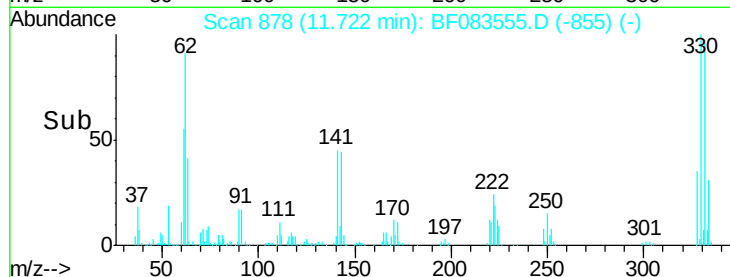
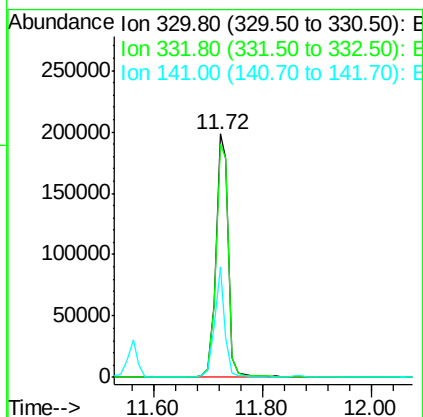
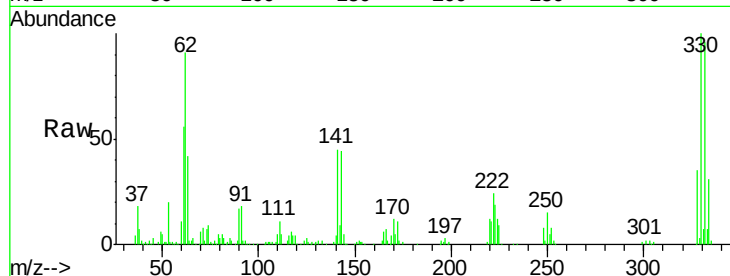
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 131.53 ng
 RT: 11.72 min Scan# 878
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

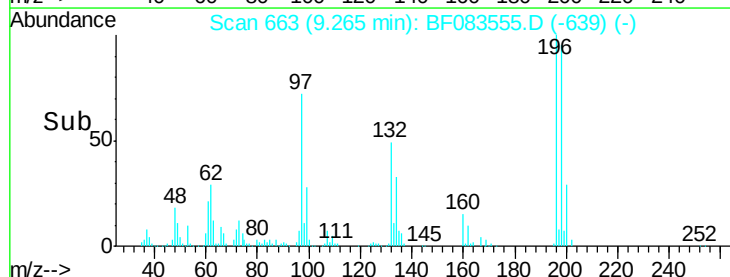
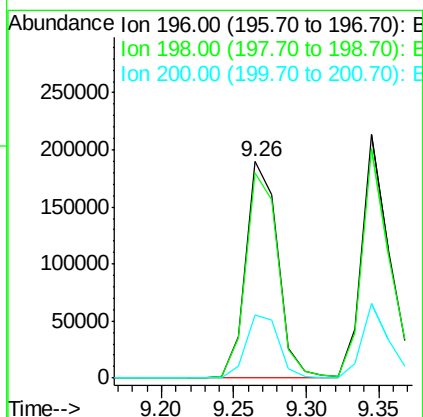
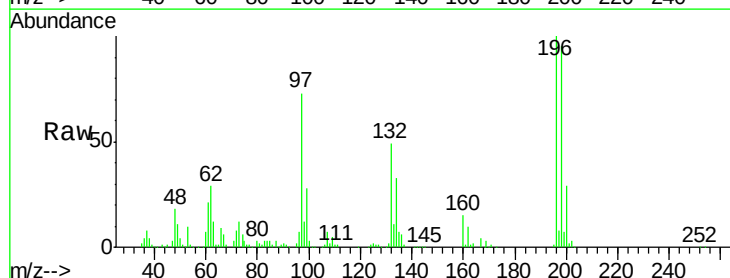
Instrument :
 BNA_F
 ClientSampled :

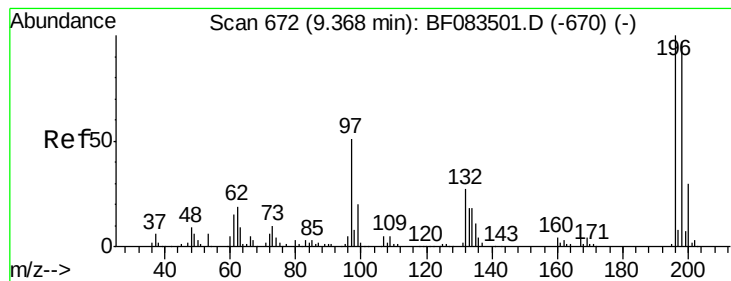
Tot Ion:330 Resp: 326298
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 37.5 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 52.30 ng
 RT: 9.26 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion:196 Resp: 290358
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.2 112.8
 200 29.1 23.0 34.6





#43

2,4,5-Trichlorophenol

Concen: 52.83 ng

RT: 9.34 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 302118

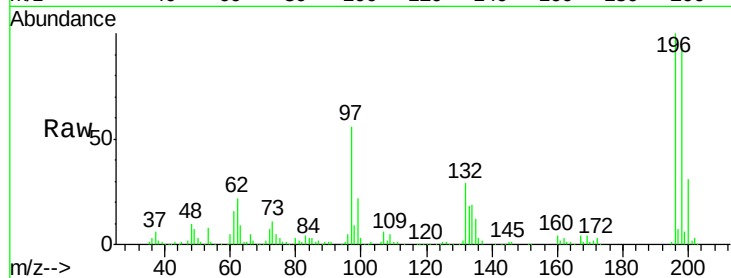
Ion Ratio Lower Upper

196 100

198 94.2 77.7 116.5

97 56.2 41.2 61.8

132 29.3 21.8 32.8

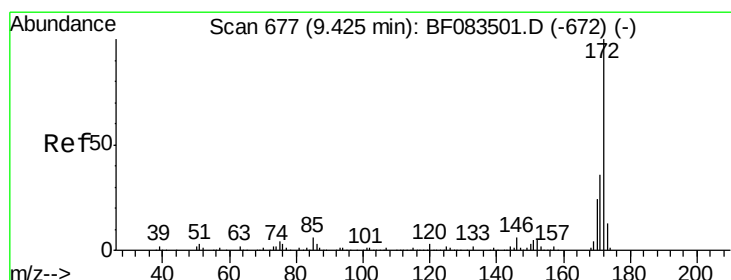
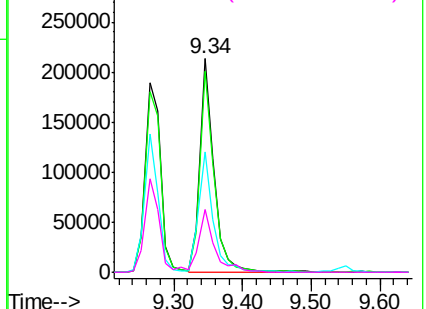
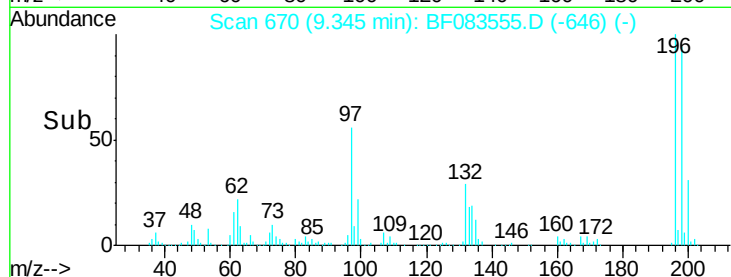


Abundance Ion 196.00 (195.70 to 196.70): E

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: 93.38 ng

RT: 9.39 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

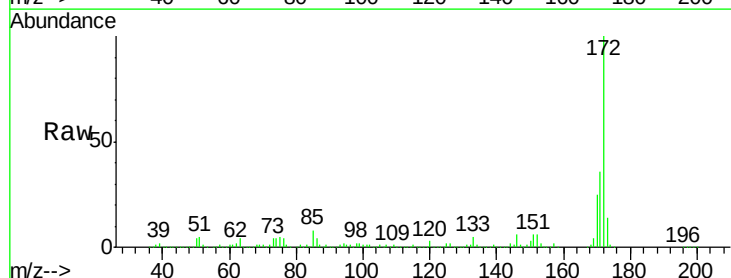
Tgt Ion:172 Resp: 1851490

Ion Ratio Lower Upper

172 100

171 36.2 28.6 42.8

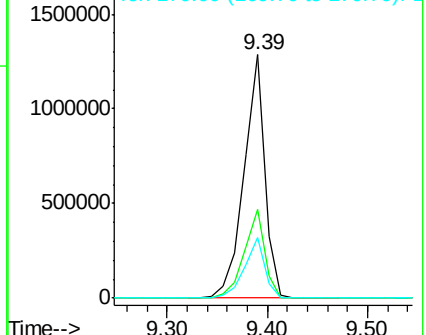
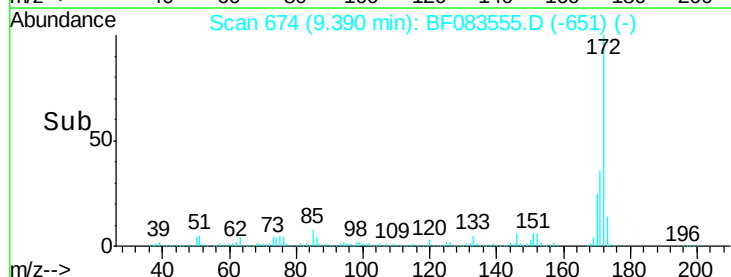
170 24.6 19.4 29.0

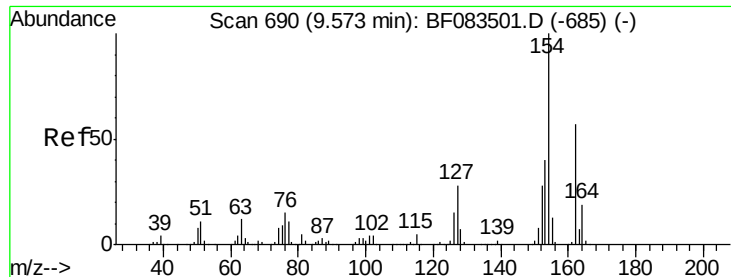


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

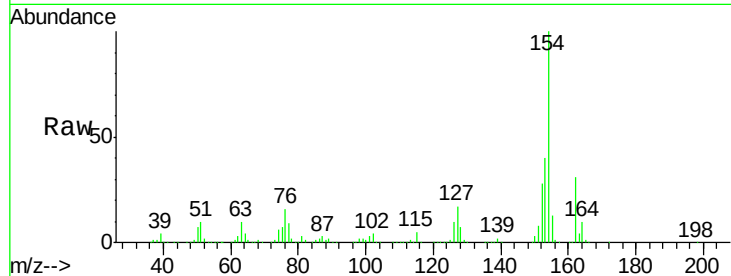




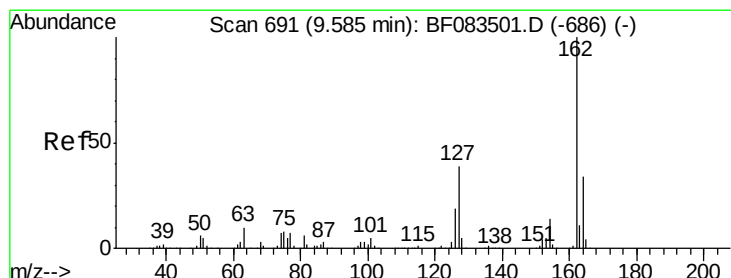
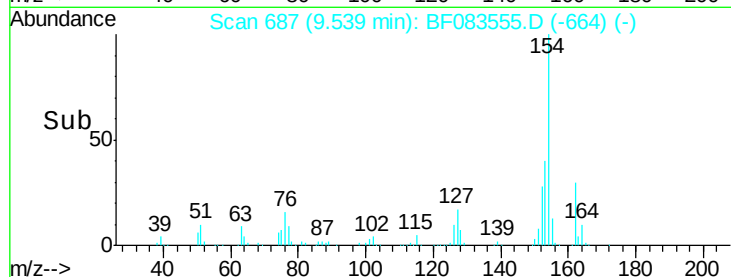
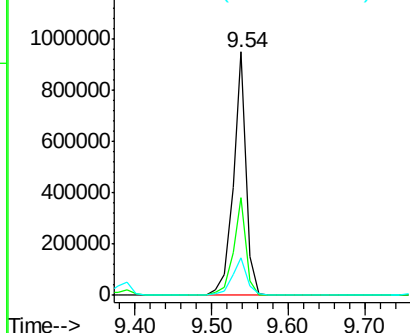
#45
 1,1'-Biphenyl
 Concen: 47.32 ng
 RT: 9.54 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1130882
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.2 60.2
 76 15.7 0.0 34.8

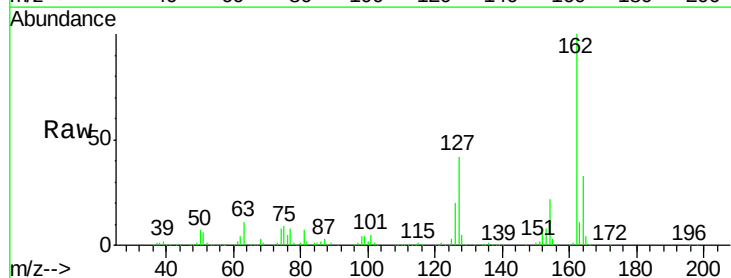


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

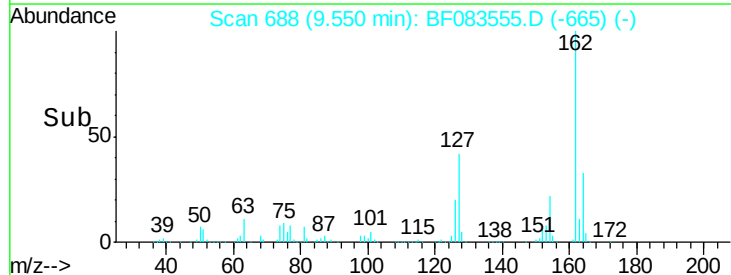
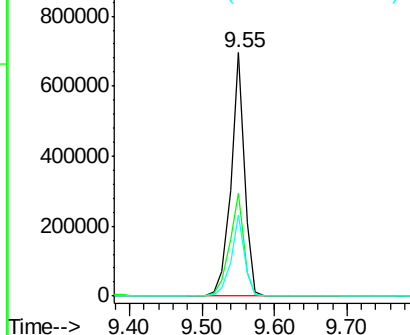


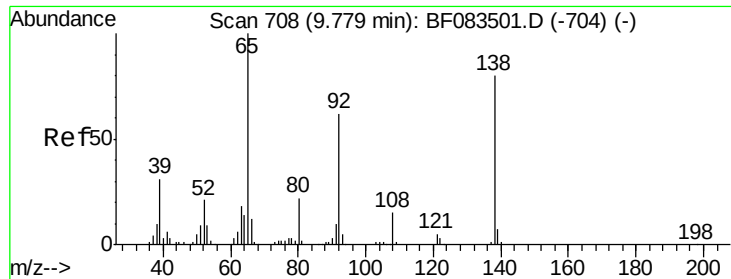
#46
 2-Chloronaphthalene
 Concen: 50.01 ng
 RT: 9.55 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion:162 Resp: 900552
 Ion Ratio Lower Upper
 162 100
 127 42.1 31.0 46.4
 164 33.1 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

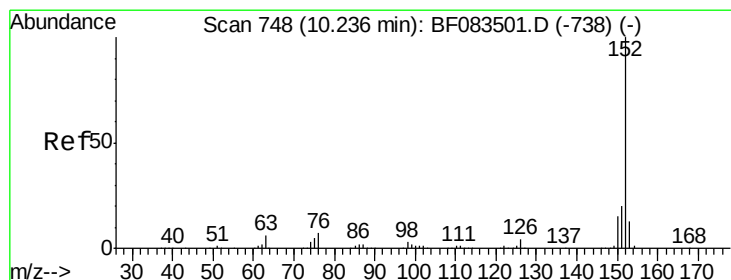
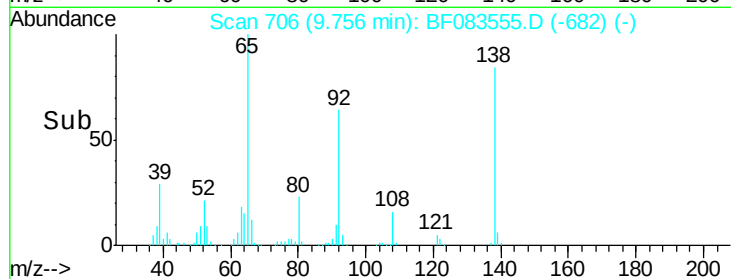
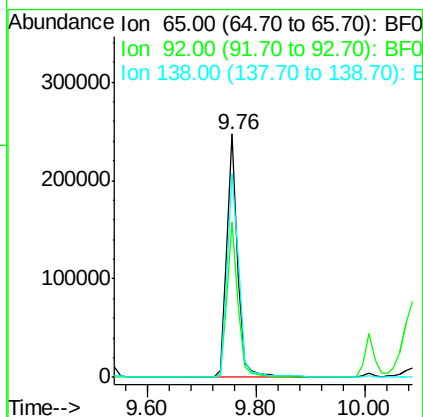
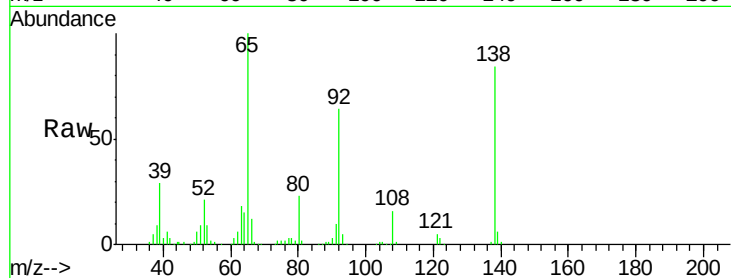




#47
 2-Nitroaniline
 Concen: 53.69 ng
 RT: 9.76 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

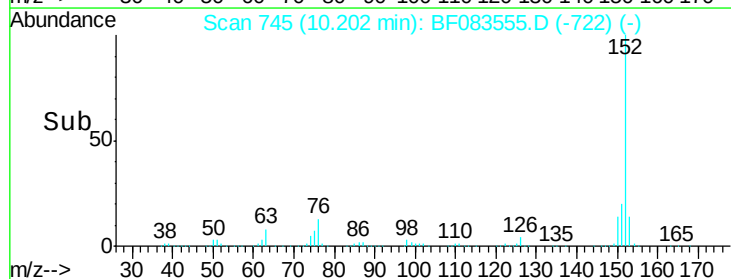
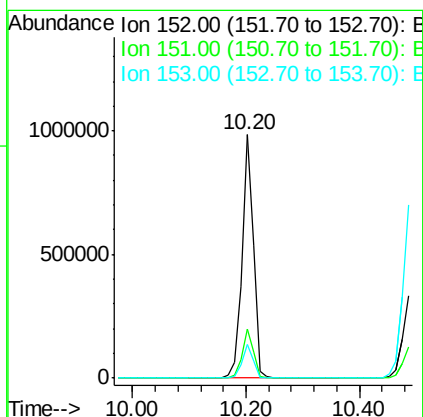
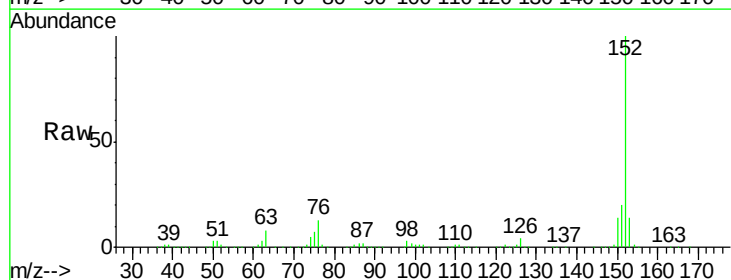
Instrument :
 BNA_F
 ClientSampleId :

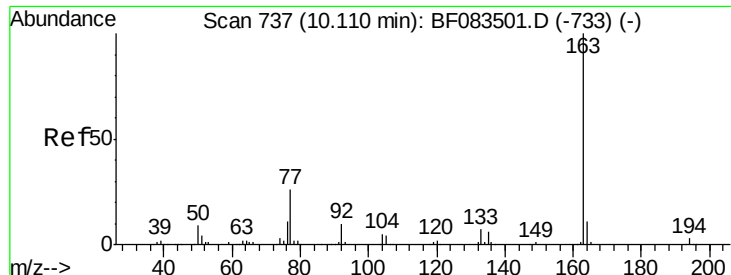
Tot Ion	Ratio	Lower	Upper
65	100		
92	63.9	49.6	74.4
138	83.9	64.1	96.1



#48
 Acenaphthylene
 Concen: 46.91 ng
 RT: 10.20 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.8	10.8	16.2

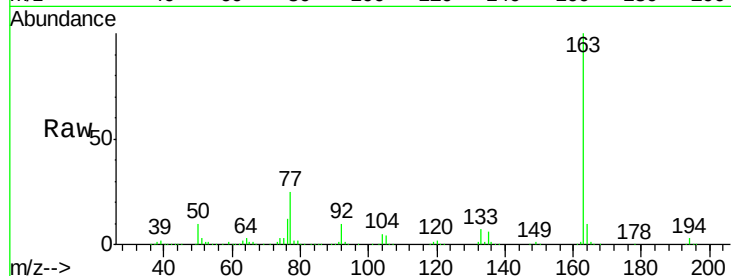




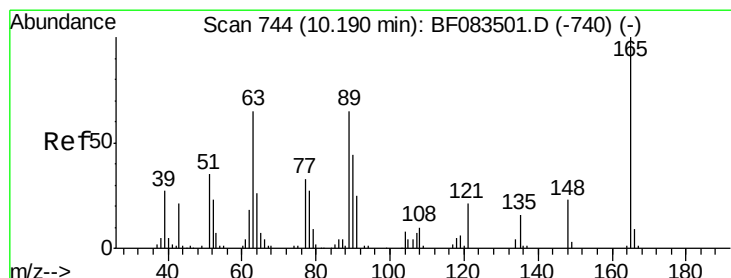
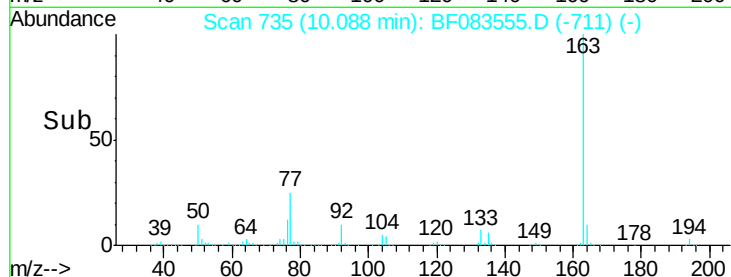
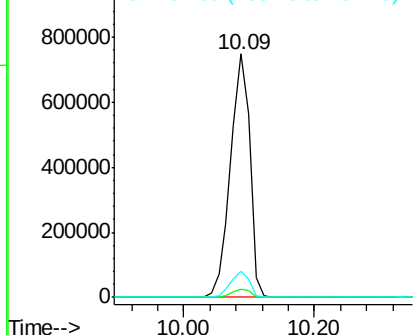
#49
Dimethylphthalate
Concen: 72.04 ng
RT: 10.09 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1524954
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.5 8.6 13.0

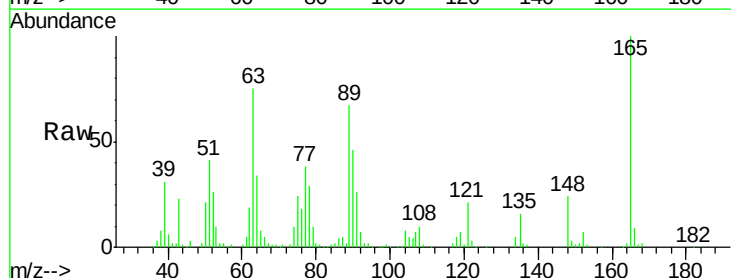


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

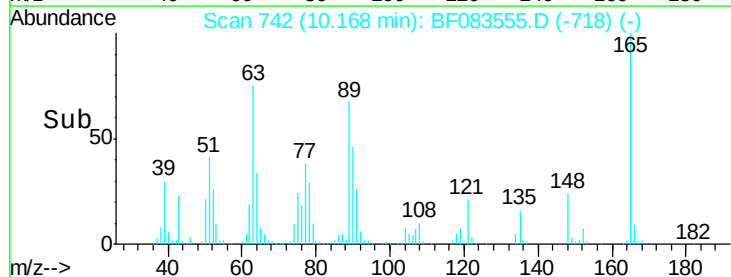
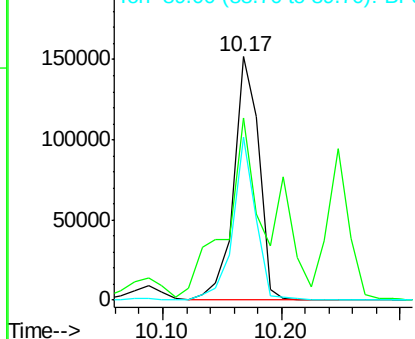


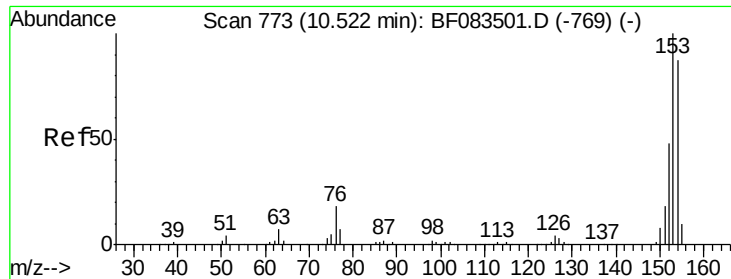
#50
2,6-Dinitrotoluene
Concen: 50.12 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion:165 Resp: 223396
Ion Ratio Lower Upper
165 100
63 75.1 56.9 85.3
89 67.1 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: 47.72 ng

RT: 10.49 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

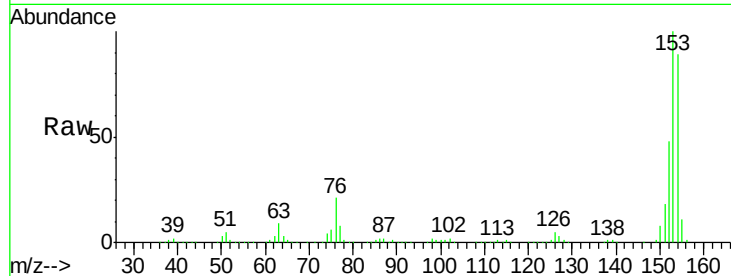
Tot Ion:154 Resp: 809790

Ion Ratio Lower Upper

154 100

153 112.5 91.4 137.0

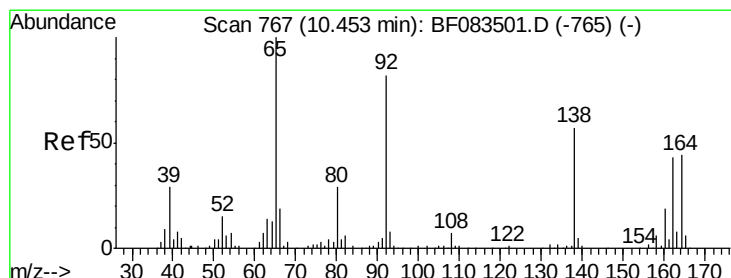
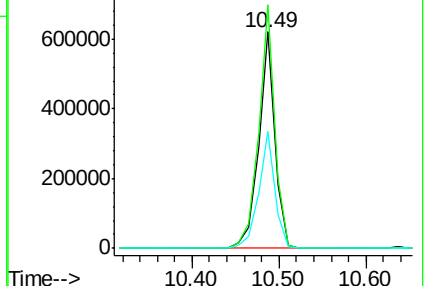
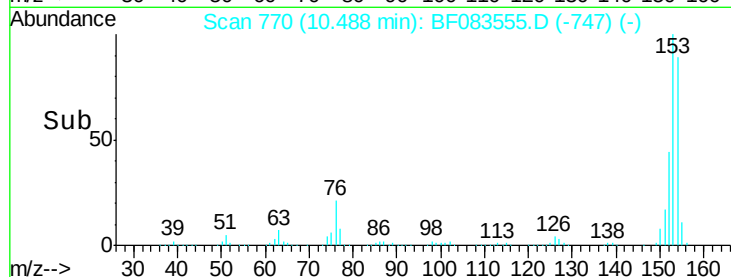
152 53.9 43.4 65.2



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: 37.60 ng

RT: 10.43 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

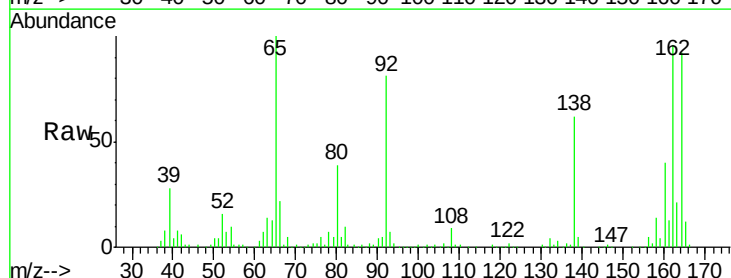
Tgt Ion:138 Resp: 180667

Ion Ratio Lower Upper

138 100

108 14.6 9.9 14.9

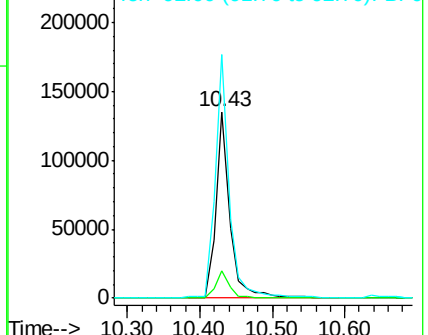
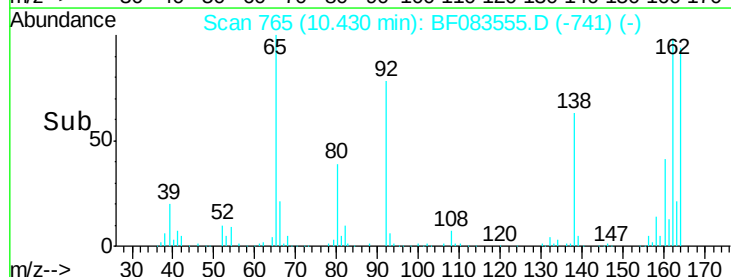
92 130.7 113.8 170.8

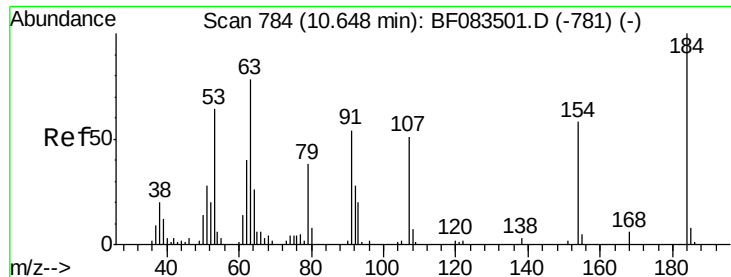


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

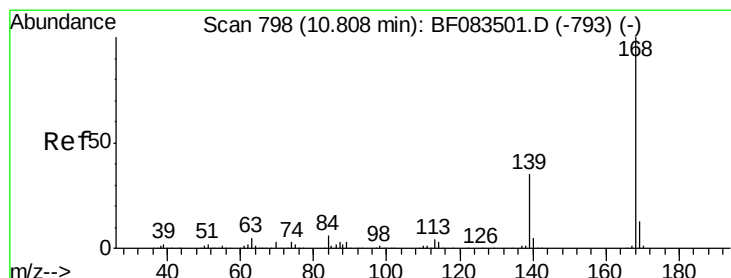
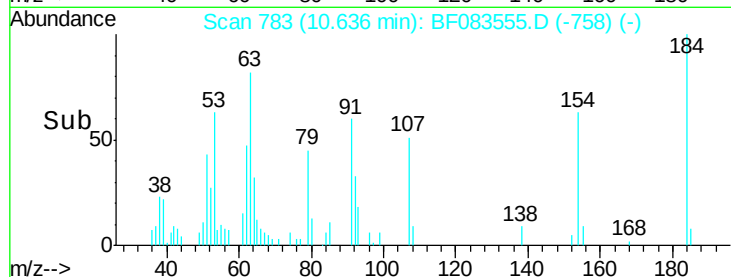
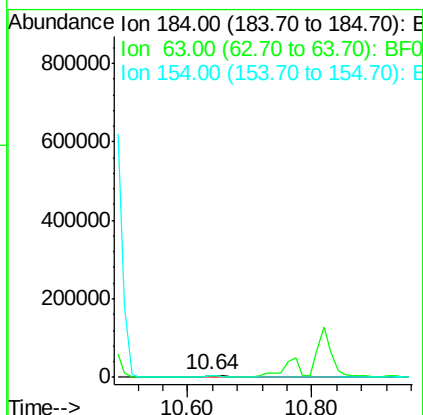
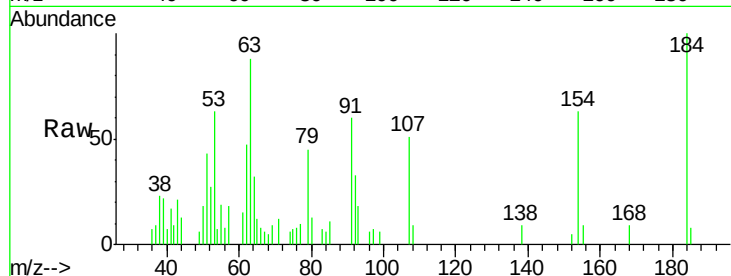




#53
 2,4-Dinitrophenol
 Concen: 14.95 ng
 RT: 10.64 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

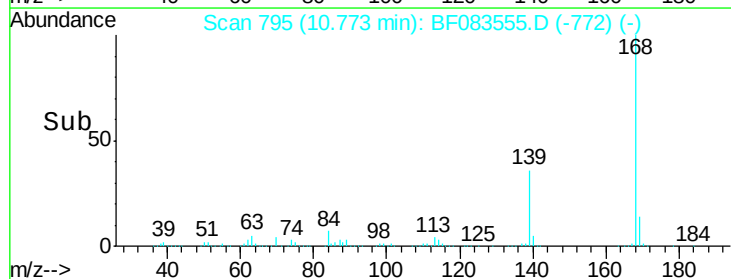
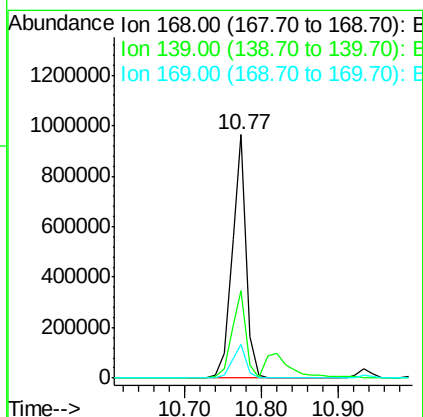
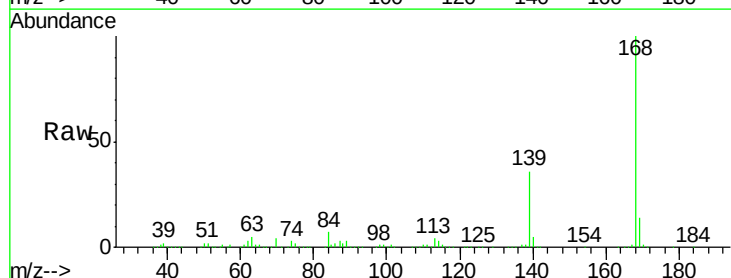
Instrument :
 BNA_F
 ClientSampled :

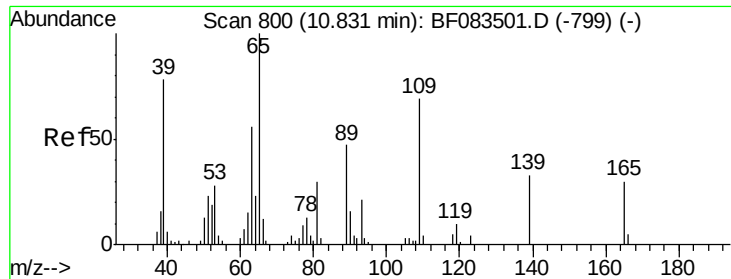
Tot Ion:184 Resp: 18694
 Ion Ratio Lower Upper
 184 100
 63 87.6 62.4 93.6
 154 62.5 46.6 69.8



#54
 Dibenzofuran
 Concen: 52.90 ng
 RT: 10.77 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion:168 Resp: 1243523
 Ion Ratio Lower Upper
 168 100
 139 36.0 28.0 42.0
 169 13.8 10.8 16.2

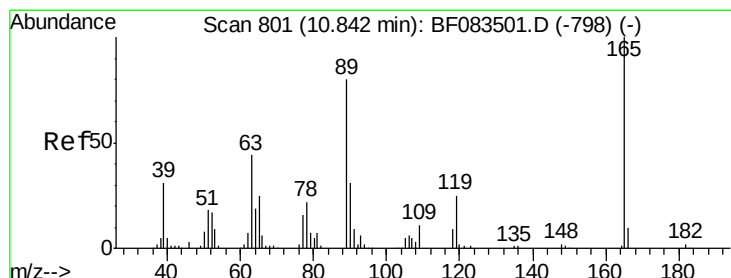
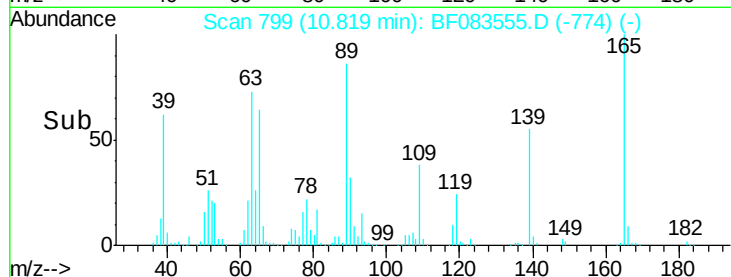
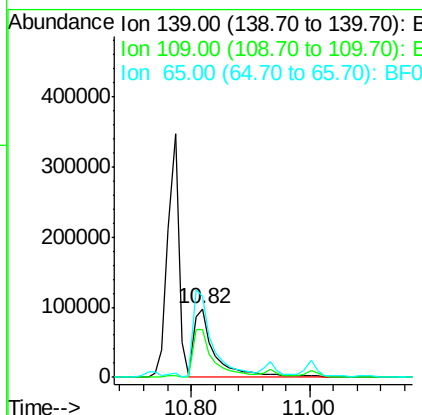
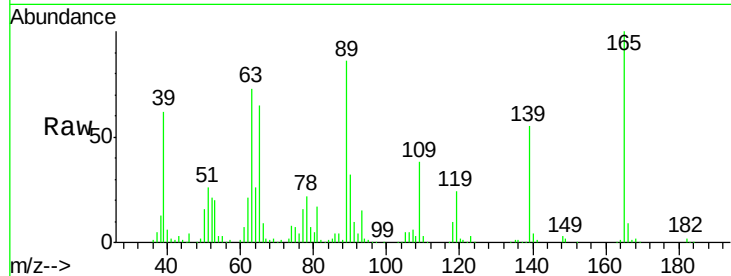




#55
4-Nitrophenol
Concen: 86.36 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

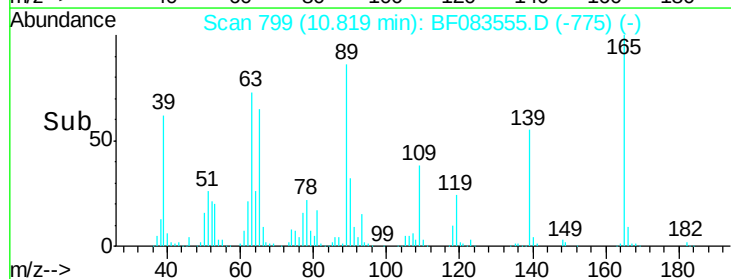
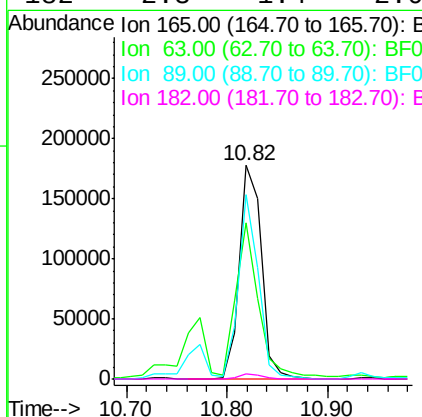
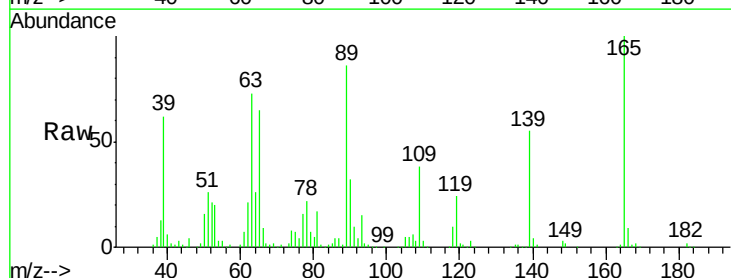
Instrument :
BNA_F
ClientSampled :

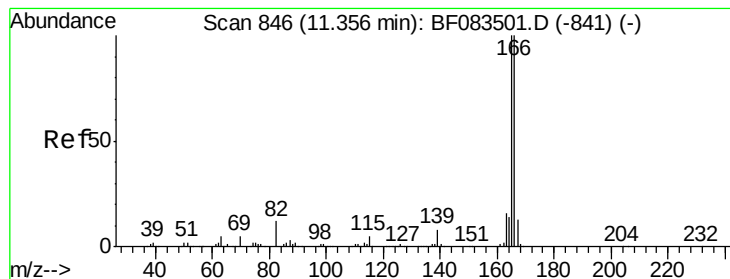
Tot Ion:139 Resp: 233734
Ion Ratio Lower Upper
139 100
109 69.7 42.0 82.0
65 119.3 89.2 129.2



#56
2,4-Dinitrotoluene
Concen: 46.76 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion:165 Resp: 272181
Ion Ratio Lower Upper
165 100
63 72.9 51.4 77.2
89 86.1 72.6 108.8
182 2.3 1.4 2.0#





#57

Fluorene

Concen: 47.23 ng

RT: 11.32 min Scan# 843

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

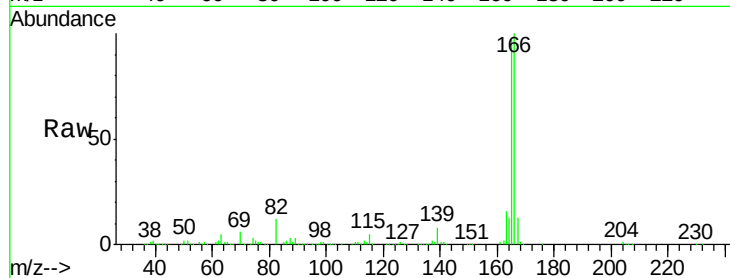
Tot Ion:166 Resp: 965897

Ion Ratio Lower Upper

166 100

165 96.8 80.0 120.0

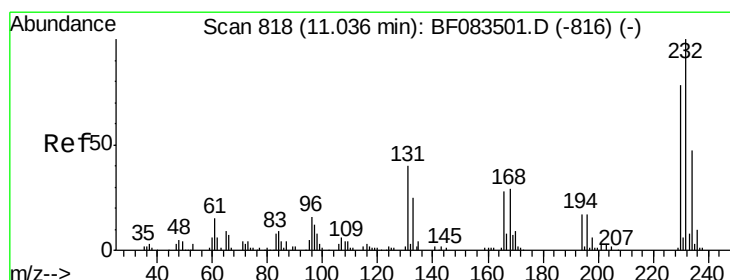
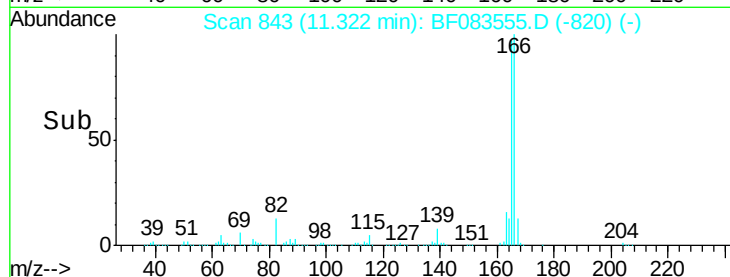
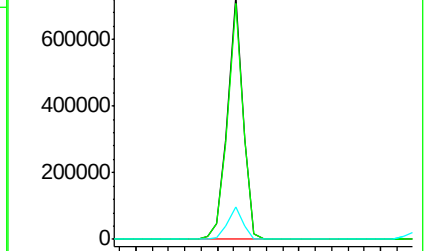
167 13.5 10.6 16.0



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: 48.75 ng

RT: 11.00 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Tgt Ion:232 Resp: 208520

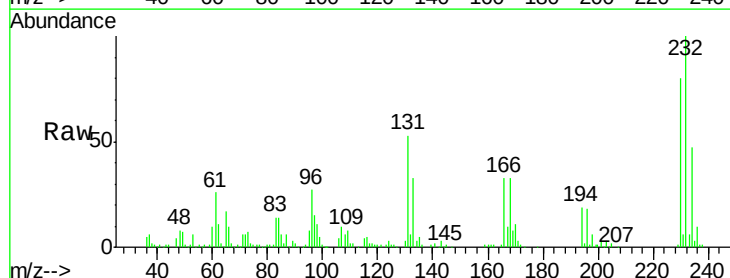
Ion Ratio Lower Upper

232 100

131 48.5 0.0 0.0#

130 3.2 0.0 0.0#

166 32.1 0.0 0.0#

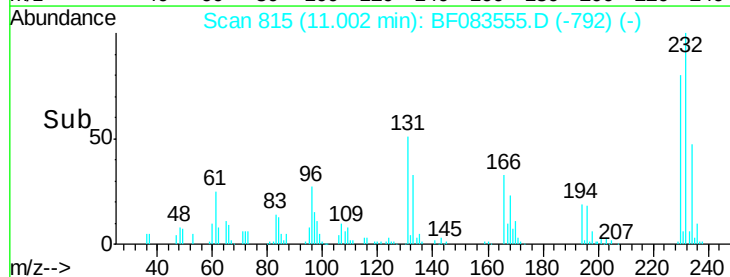
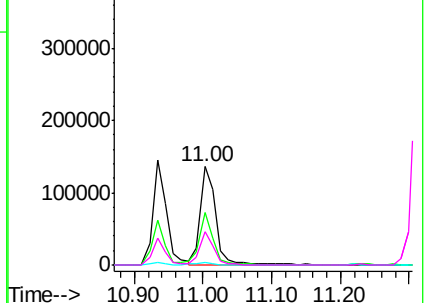


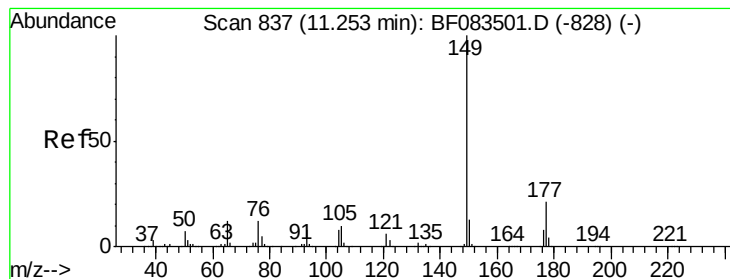
Abundance Ion 232.00 (231.70 to 232.70): E

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: 50.28 ng

RT: 11.23 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

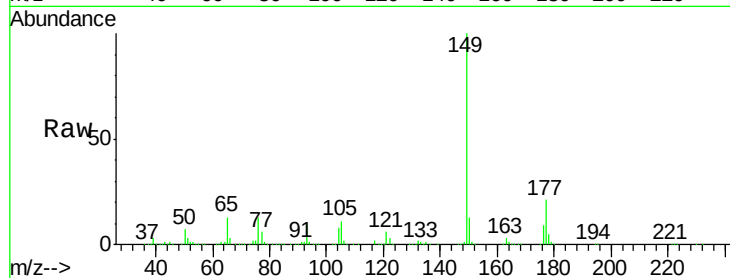
Tot Ion:149 Resp: 1024081

Ion Ratio Lower Upper

149 100

177 21.4 16.9 25.3

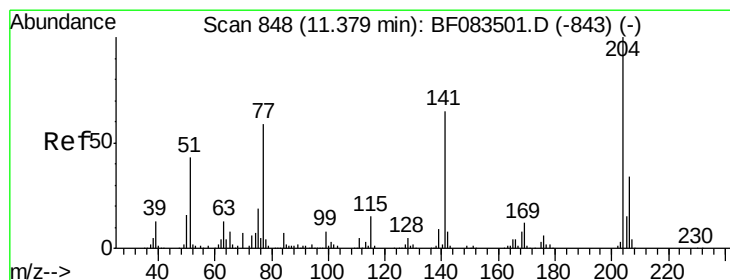
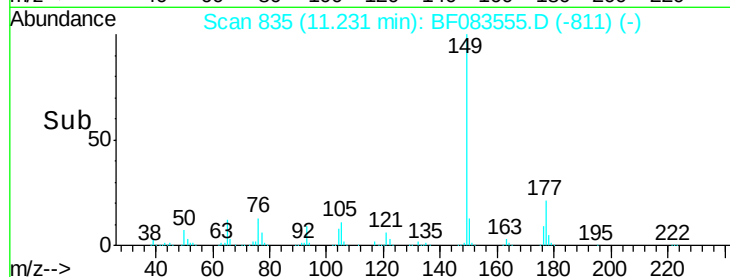
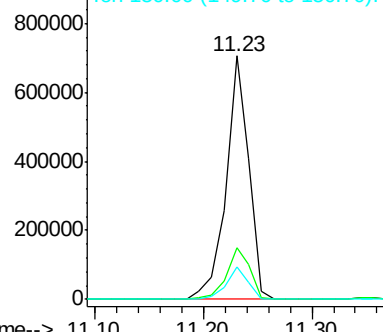
150 13.1 10.2 15.4



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: 47.45 ng

RT: 11.36 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

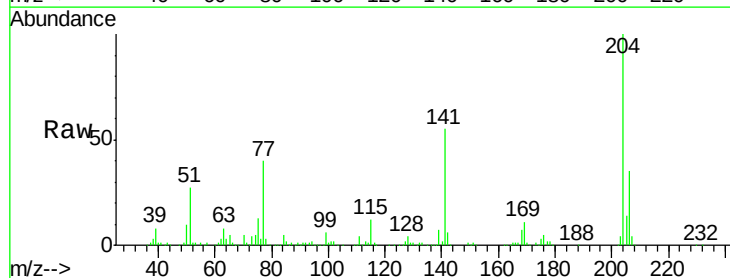
Tgt Ion:204 Resp: 465068

Ion Ratio Lower Upper

204 100

206 34.9 27.3 40.9

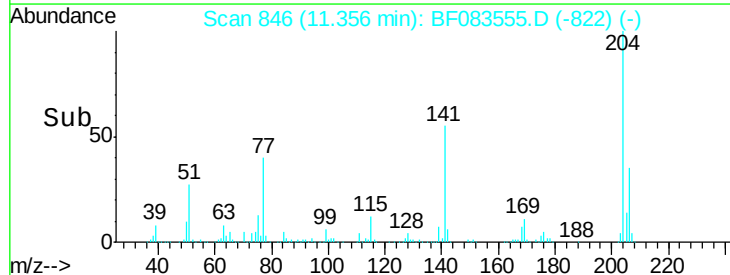
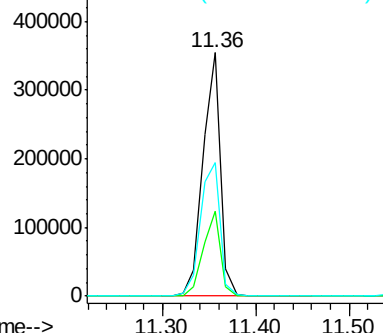
141 55.1 51.9 77.9

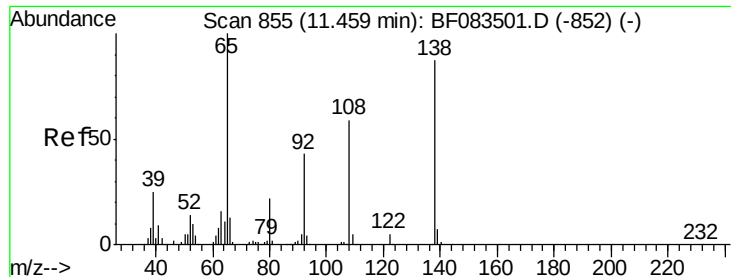


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.73 ng

RT: 11.44 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

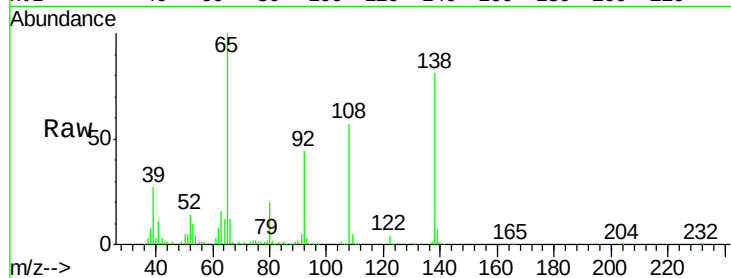
Tot Ion:138 Resp: 194747

Ion Ratio Lower Upper

138 100

92 55.1 29.0 69.0

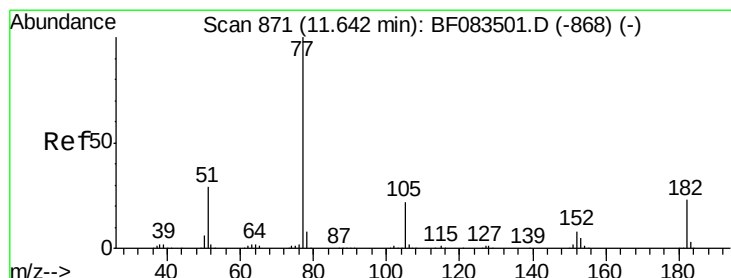
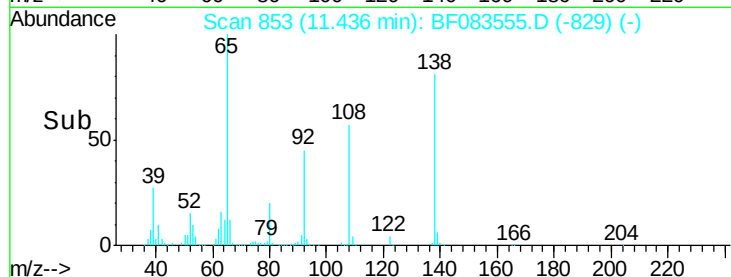
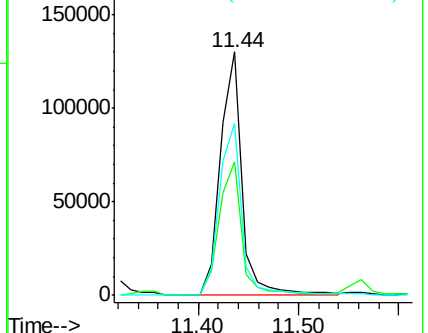
108 70.5 47.4 87.4



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: 55.16 ng

RT: 11.61 min Scan# 868

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Tgt Ion: 77 Resp: 1198845

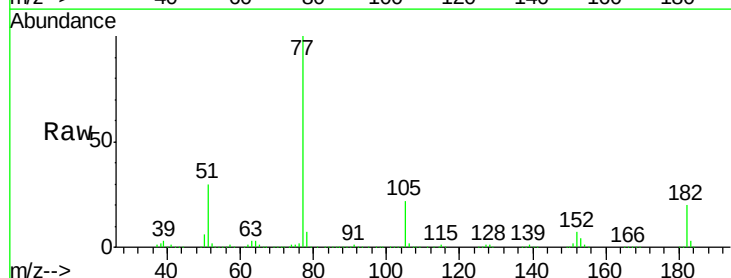
Ion Ratio Lower Upper

77 100

182 19.9 2.5 42.5

105 21.8 2.1 42.1

51 29.9 9.3 49.3

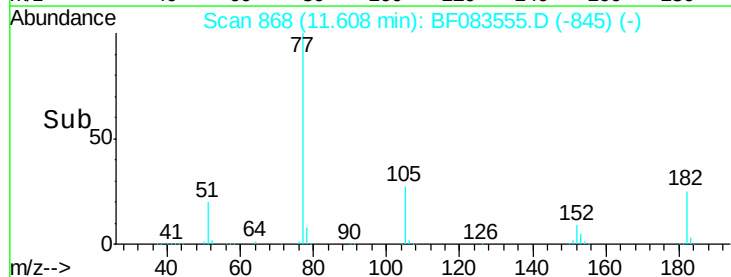
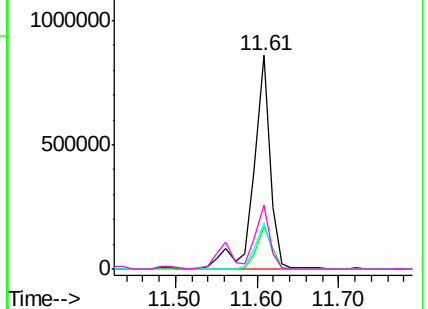


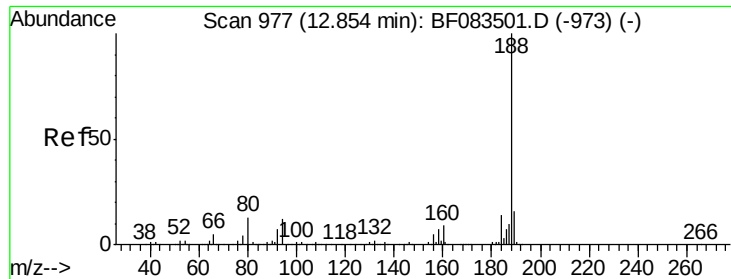
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

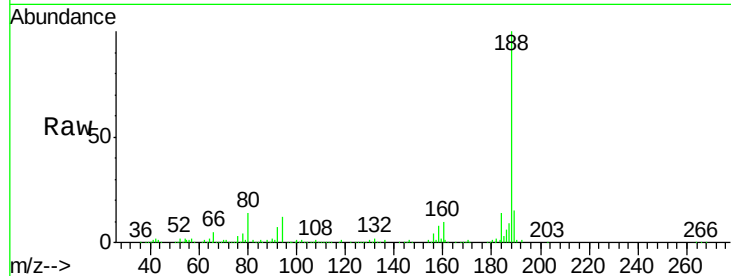




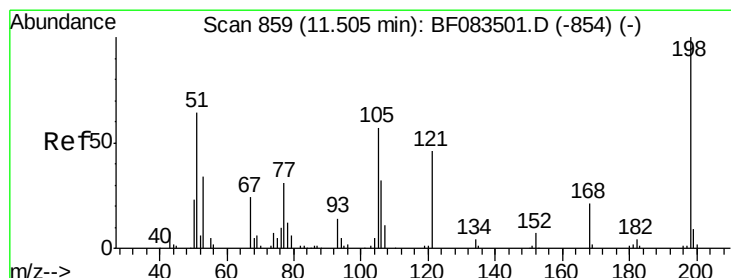
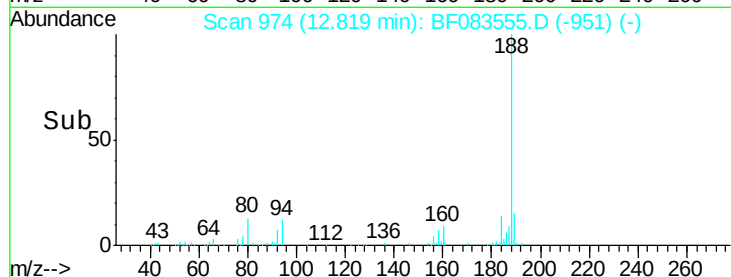
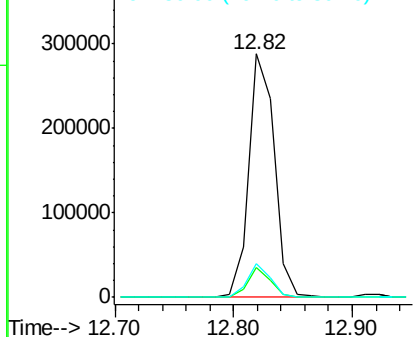
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 435308
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 13.9 10.6 16.0

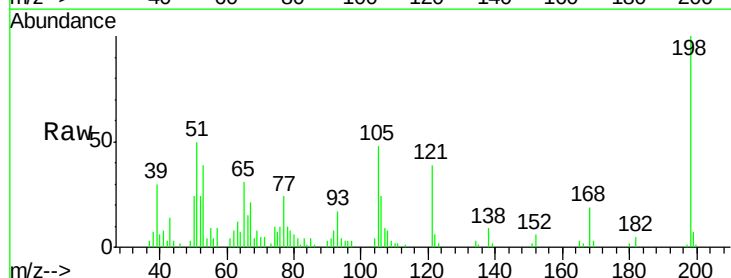


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

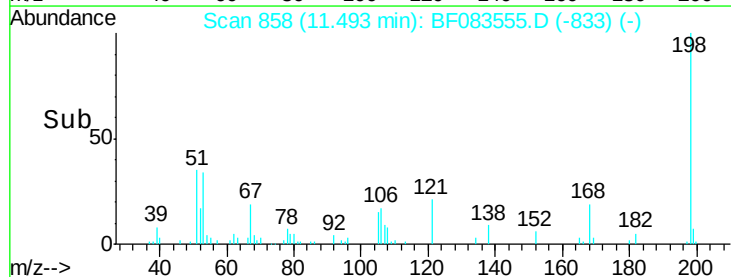
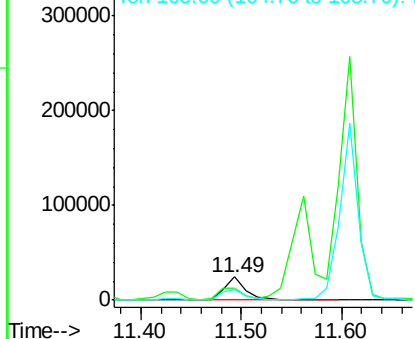


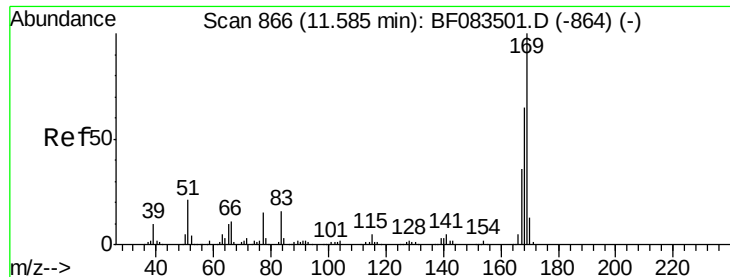
#64
4,6-Dinitro-2-methylphenol
Concen: 14.78 ng
RT: 11.49 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion:198 Resp: 35776
Ion Ratio Lower Upper
198 100
51 50.3 53.8 93.8#
105 47.7 38.6 78.6



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





#65

n-Nitrosodiphenylamine

Concen: 55.78 ng

RT: 11.56 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

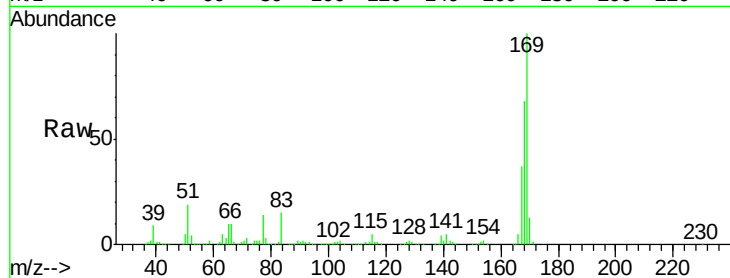
Tot Ion:169 Resp: 803842

Ion Ratio Lower Upper

169 100

168 67.7 53.0 79.6

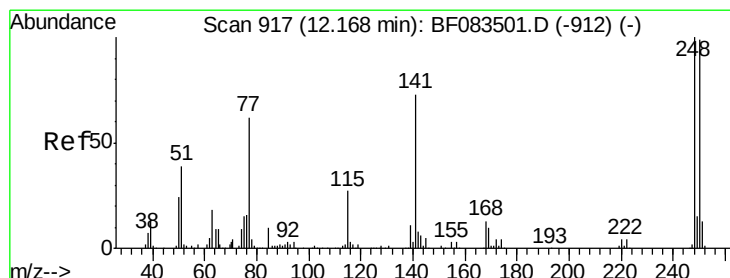
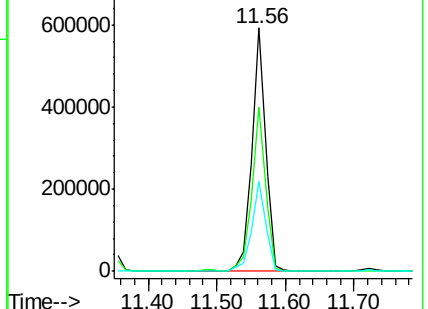
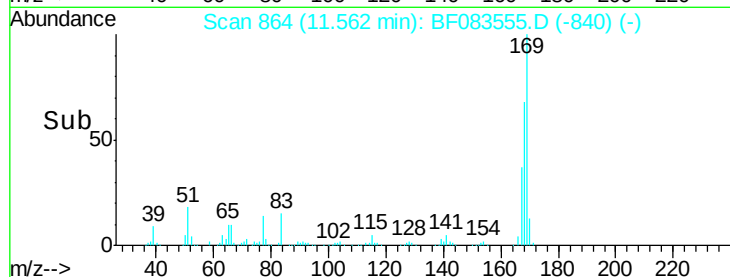
167 37.2 29.3 43.9



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: 52.77 ng

RT: 12.13 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

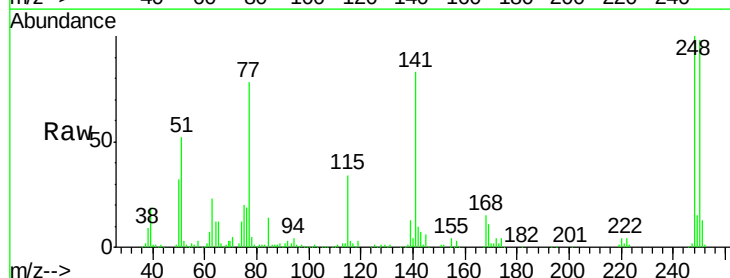
Tgt Ion:248 Resp: 251011

Ion Ratio Lower Upper

248 100

250 98.5 79.2 118.8

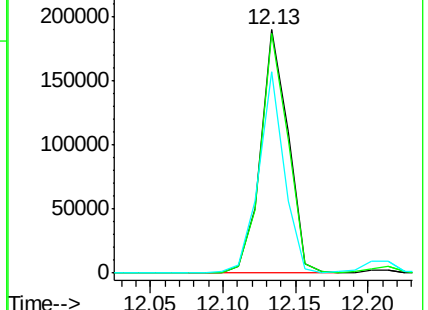
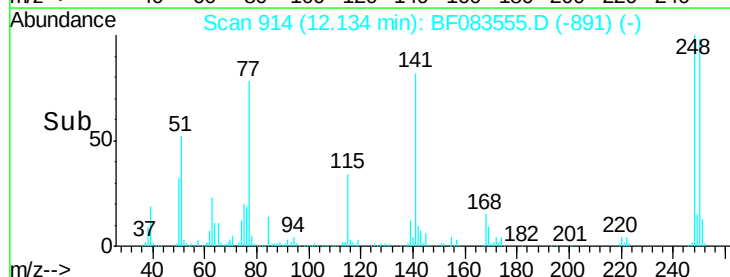
141 82.5 58.2 87.4

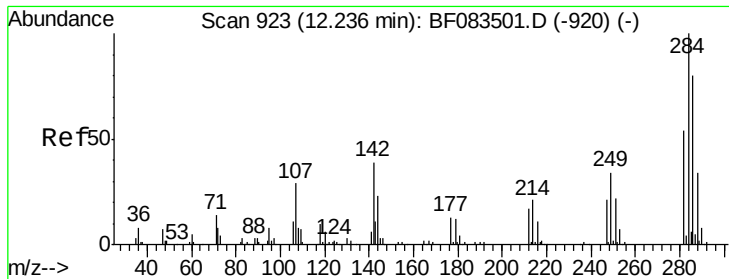


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

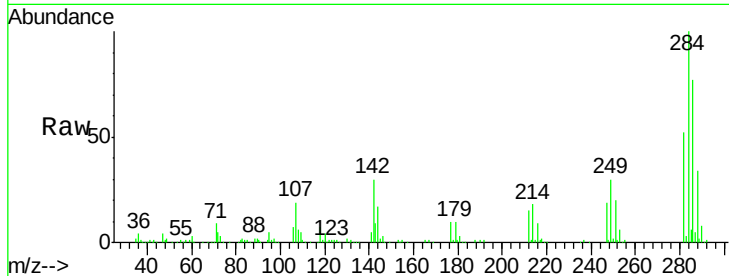




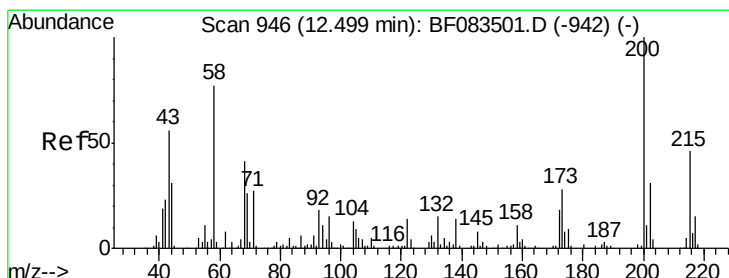
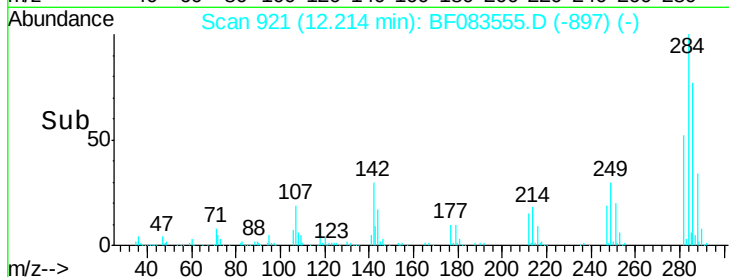
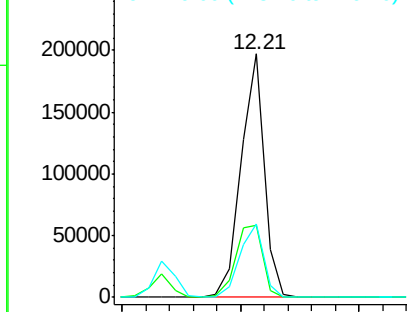
#67
Hexachlorobenzene
Concen: 52.93 ng
RT: 12.21 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 269149
Ion Ratio Lower Upper
284 100
142 29.6 31.0 46.4#
249 30.3 26.9 40.3

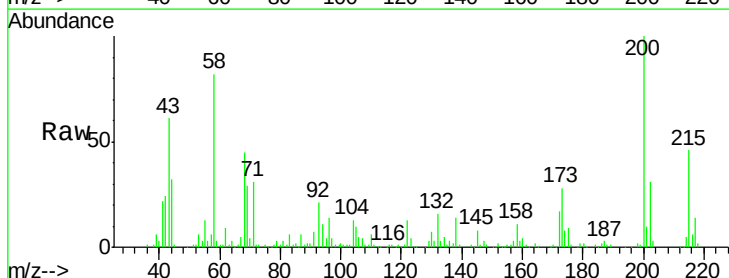


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

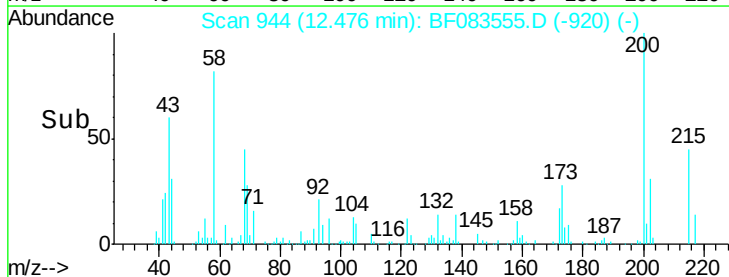
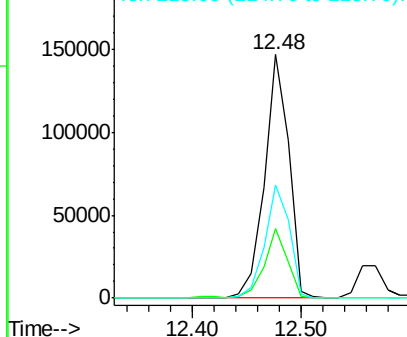


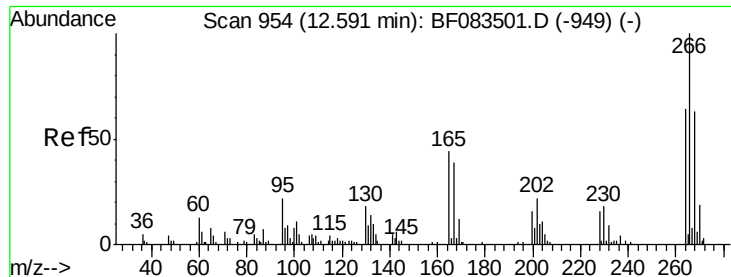
#68
Atrazine
Concen: 52.29 ng
RT: 12.48 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion:200 Resp: 227896
Ion Ratio Lower Upper
200 100
173 28.4 7.8 47.8
215 46.4 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

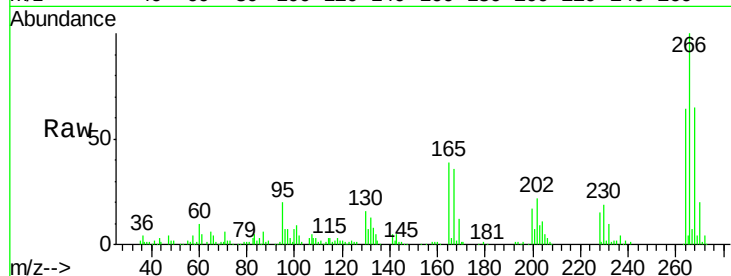




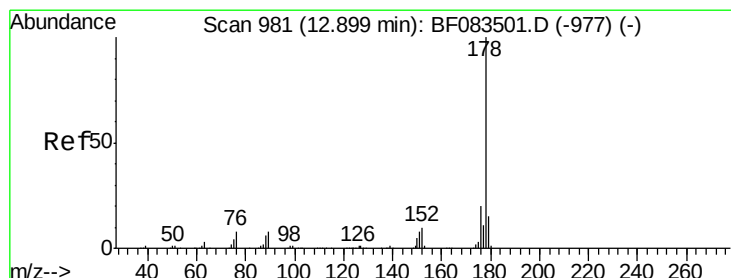
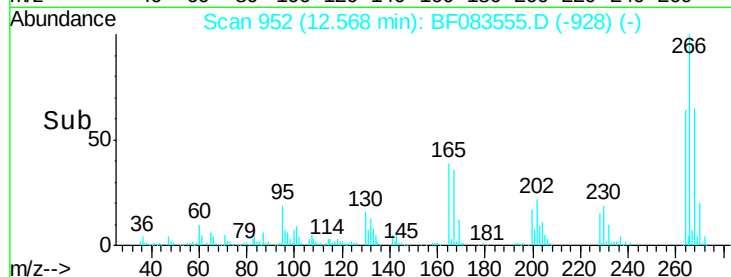
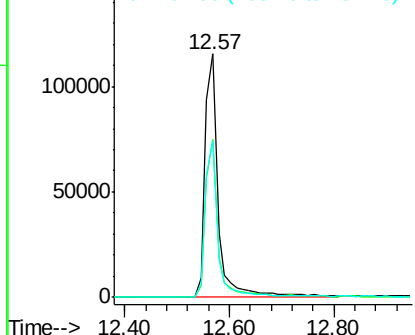
#69
 Pentachlorophenol
 Concen: 88.73 ng
 RT: 12.57 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	50.2	75.2
264	64.1	51.4	77.2

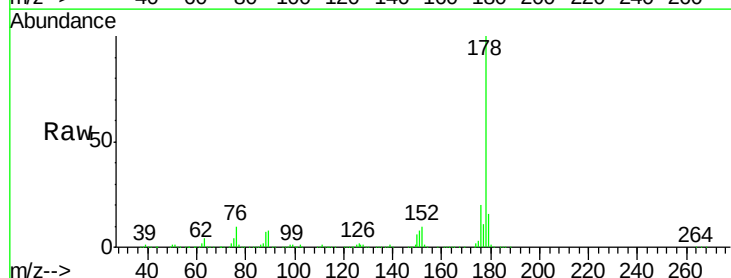


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

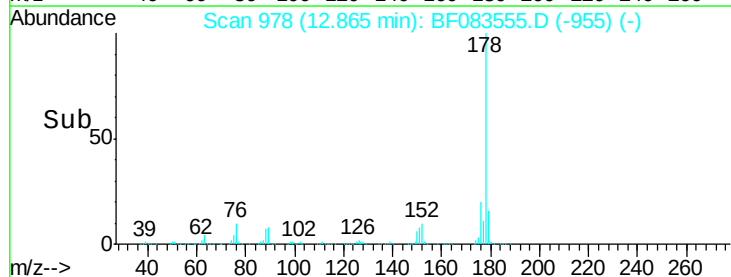
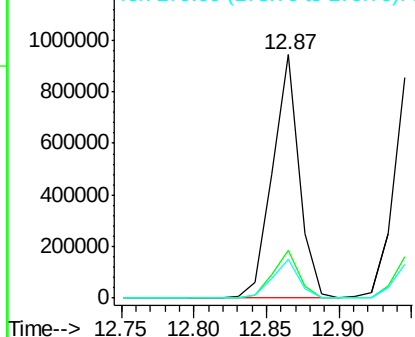


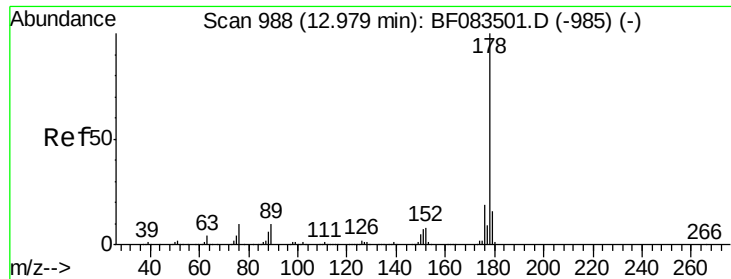
#70
 Phenanthrene
 Concen: 47.56 ng
 RT: 12.87 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.7	12.2	18.4



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

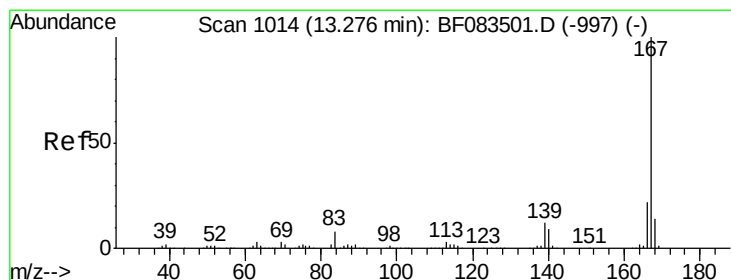
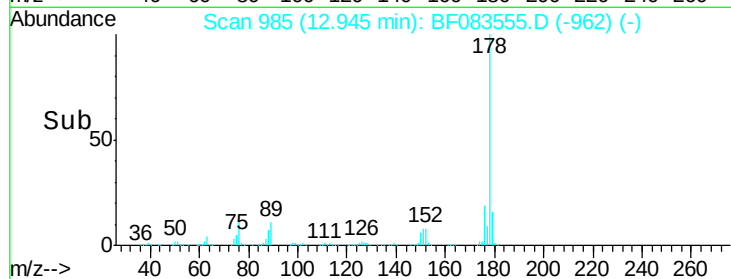
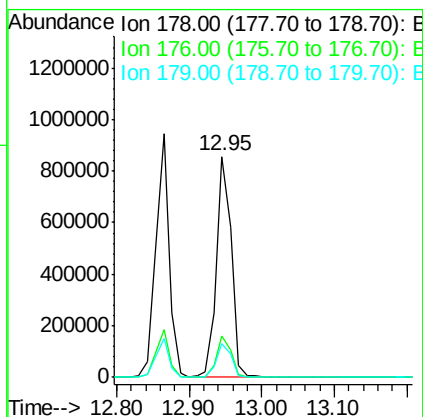
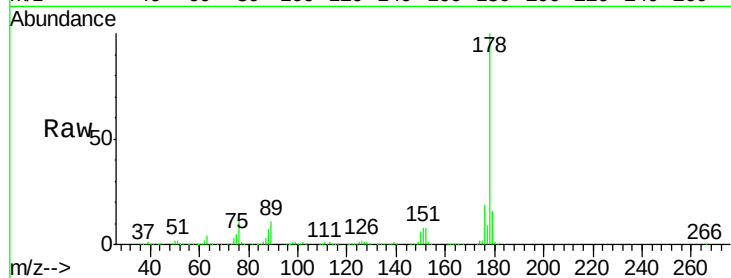




#71
 Anthracene
 Concen: 47.50 ng
 RT: 12.95 min Scan# 985
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

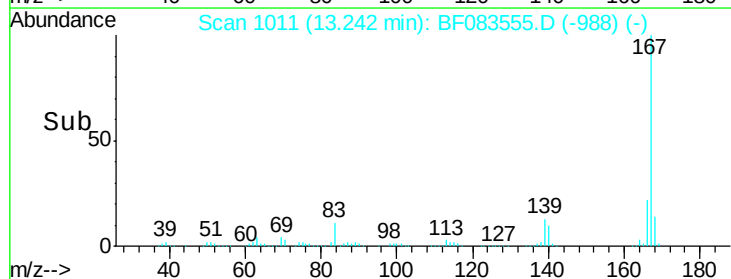
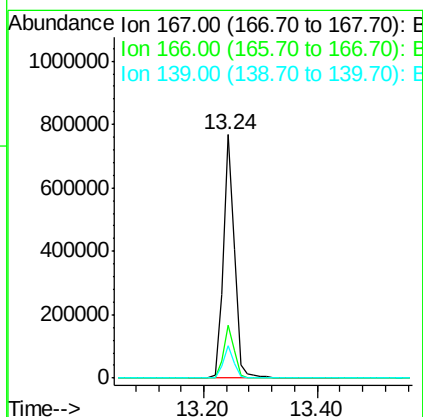
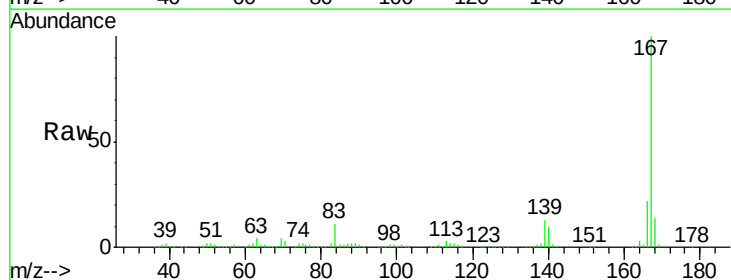
Instrument :
 BNA_F
 ClientSampleId :

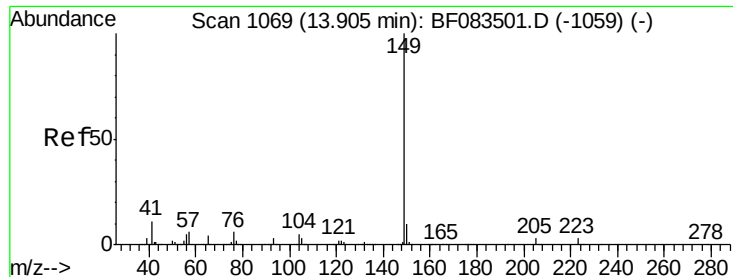
Tot Ion:178 Resp: 1227343
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.2 22.8
 179 15.5 12.6 18.8



#72
 Carbazole
 Concen: 47.42 ng
 RT: 13.24 min Scan# 1011
 Delta R.T. -0.03 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion:167 Resp: 1052139
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.2 9.3 13.9





#73

Di-n-butylphthalate

Concen: 54.44 ng

RT: 13.88 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

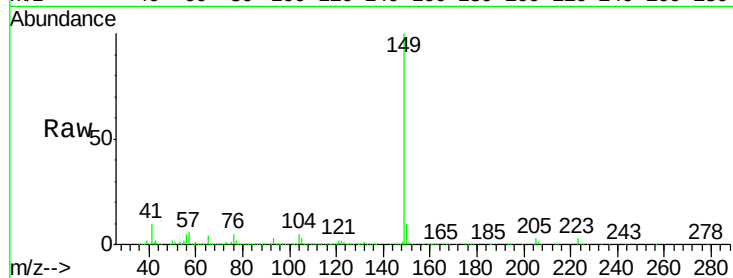
Tot Ion:149 Resp: 1454919

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

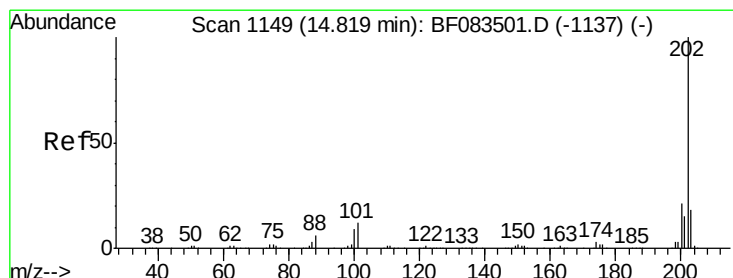
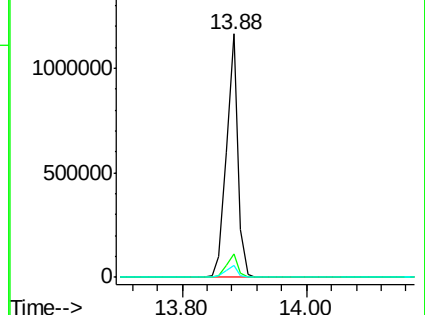
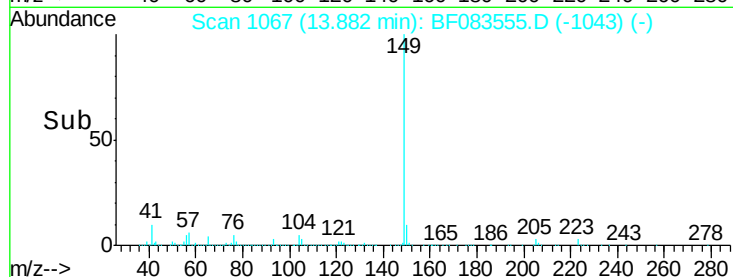
104 4.9 3.9 5.9



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: 43.07 ng

RT: 14.79 min Scan# 1146

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

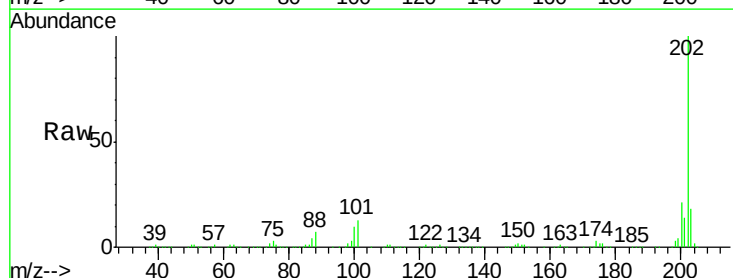
Tgt Ion:202 Resp: 1081662

Ion Ratio Lower Upper

202 100

101 13.3 0.0 31.5

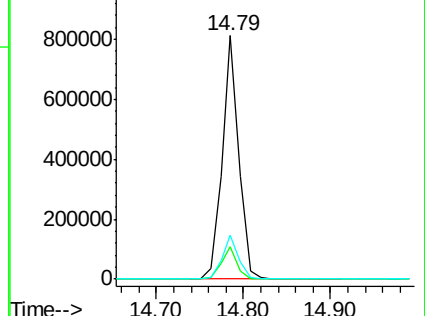
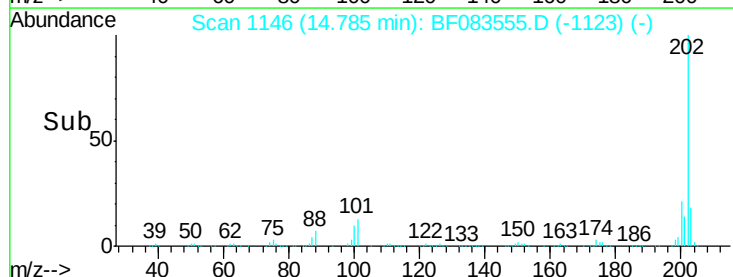
203 17.9 0.0 37.6

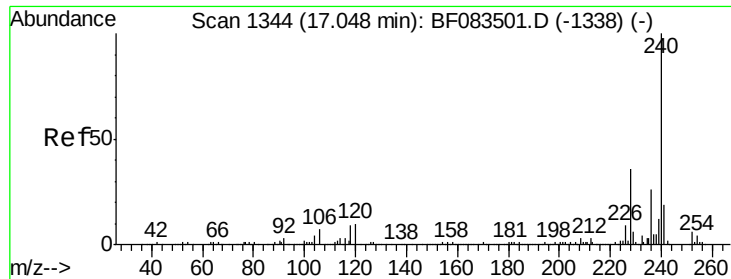


Abundance Ion 202.00 (201.70 to 202.70): E

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: 17.03 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

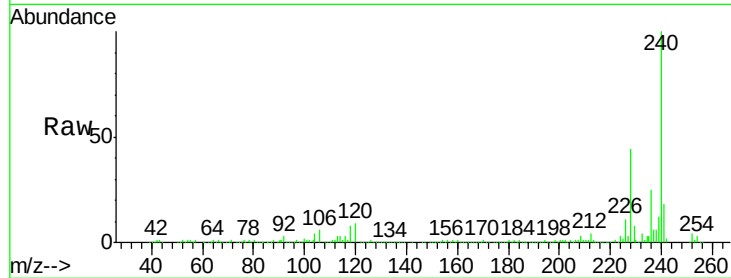
Tot Ion:240 Resp: 329538

Ion Ratio Lower Upper

240 100

120 9.0 8.1 12.1

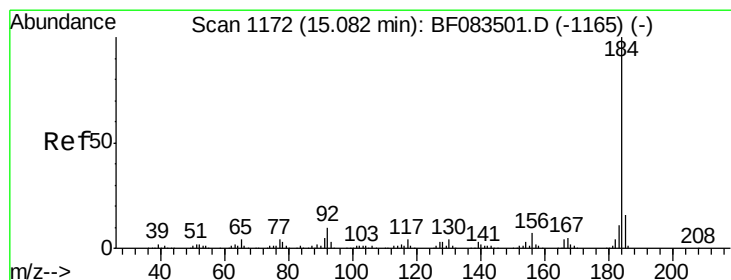
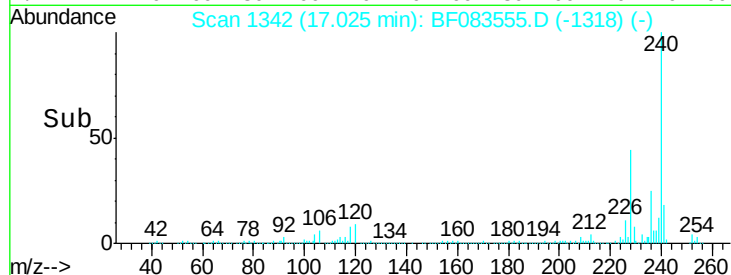
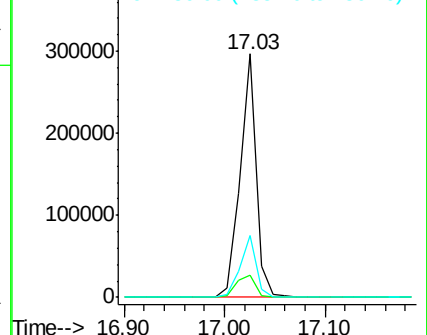
236 25.4 20.8 31.2



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: 31.80 ng

RT: 15.06 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

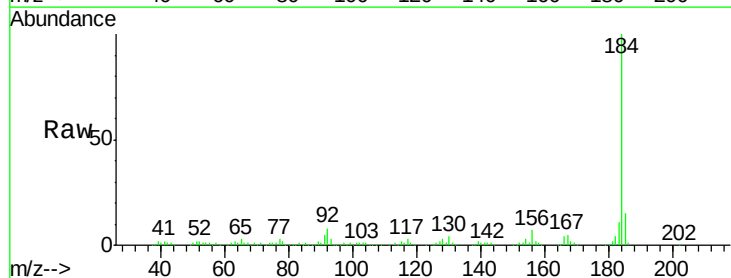
Tgt Ion:184 Resp: 378562

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.6

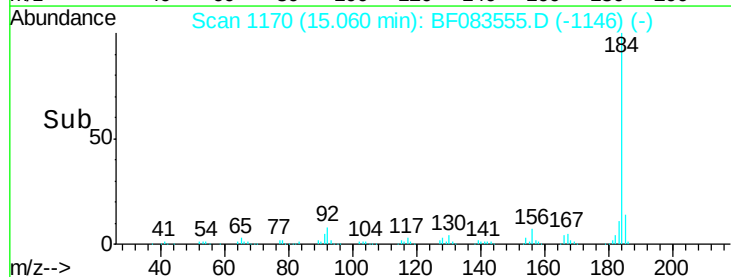
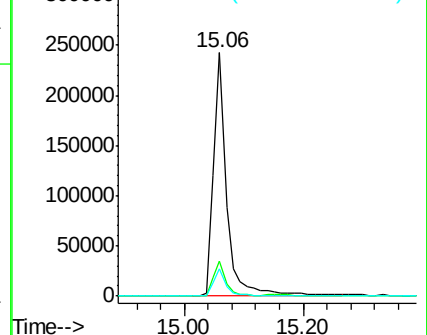
183 11.0 9.0 13.4

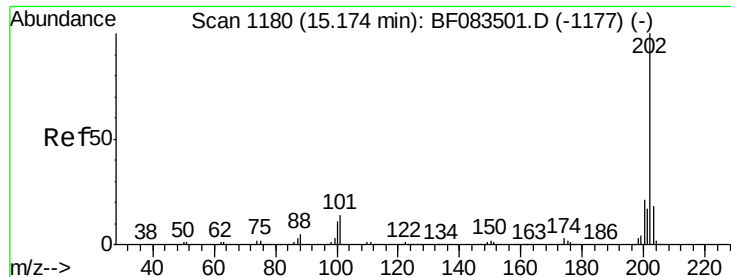


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.41 ng

RT: 15.14 min Scan# 1177

Delta R.T. -0.03 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

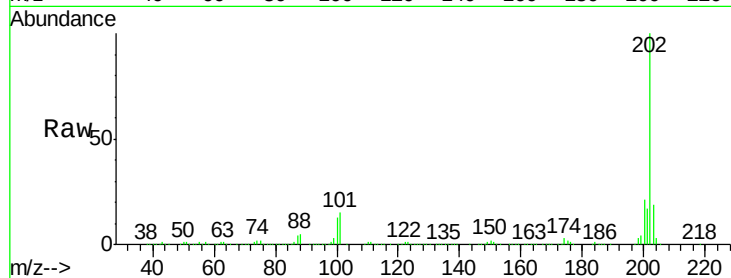
Tot Ion:202 Resp: 1119544

Ion Ratio Lower Upper

202 100

200 21.5 16.7 25.1

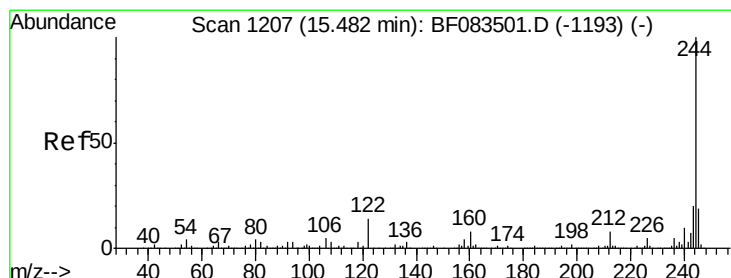
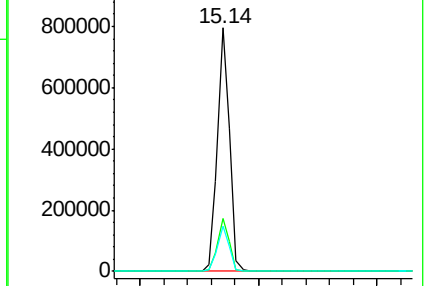
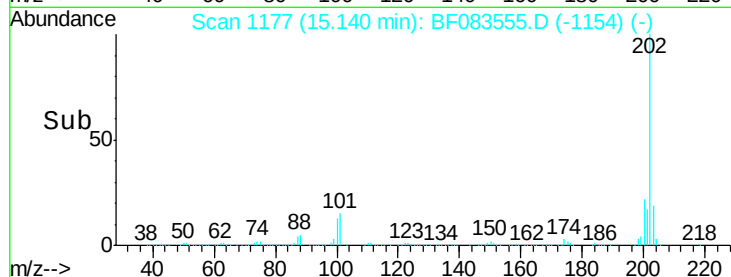
203 18.5 14.3 21.5



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: 88.34 ng

RT: 15.46 min Scan# 1205

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

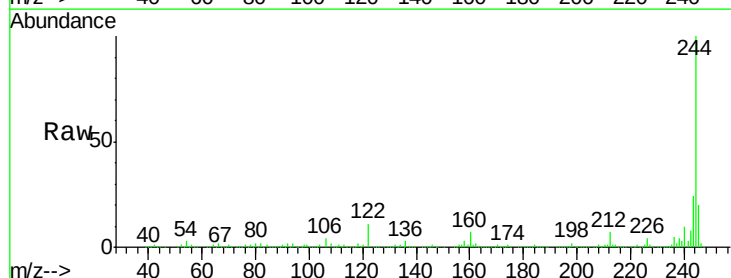
Tgt Ion:244 Resp: 1308227

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

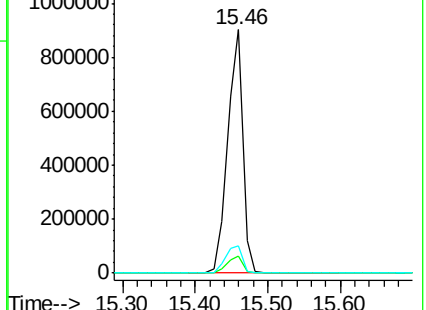
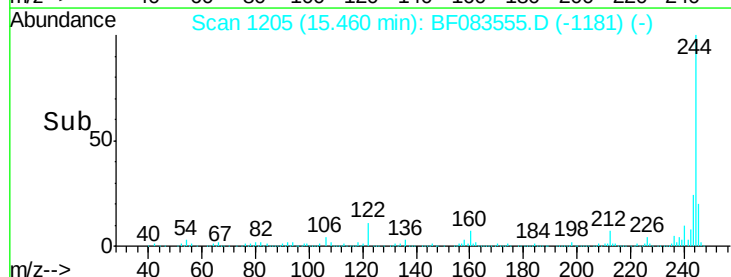
122 11.0 11.0 16.6#

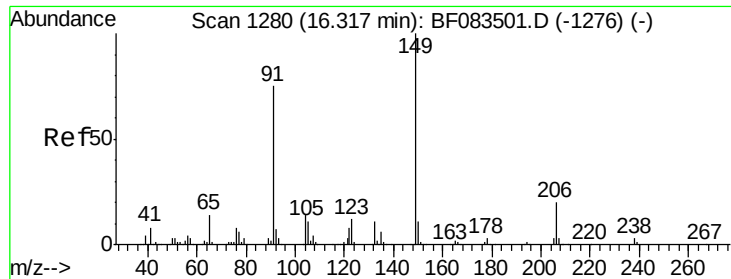


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

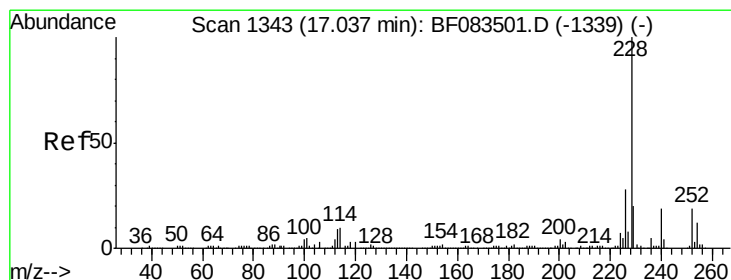
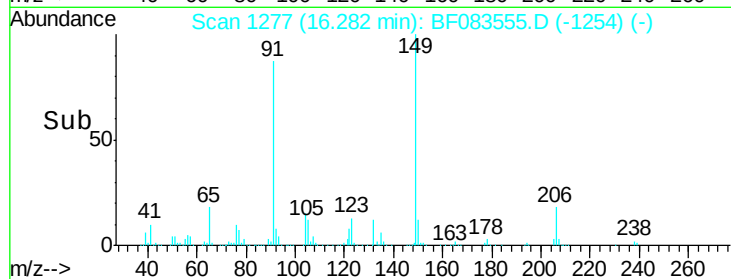
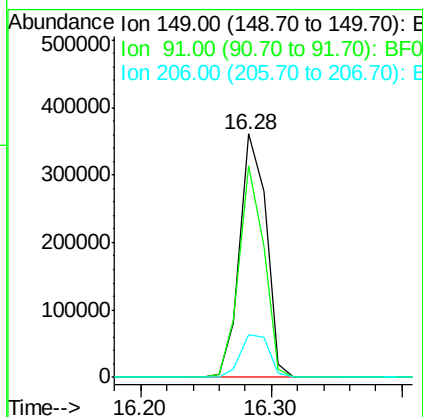
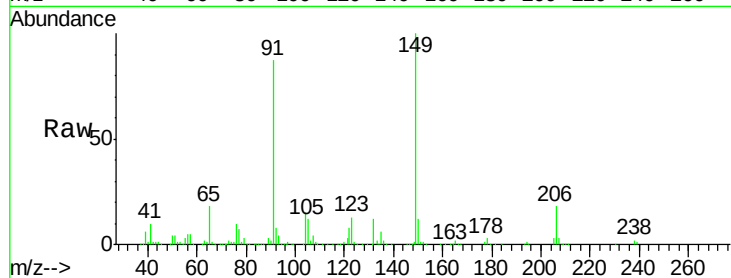




#79
Butylbenzylphthalate
Concen: 52.68 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

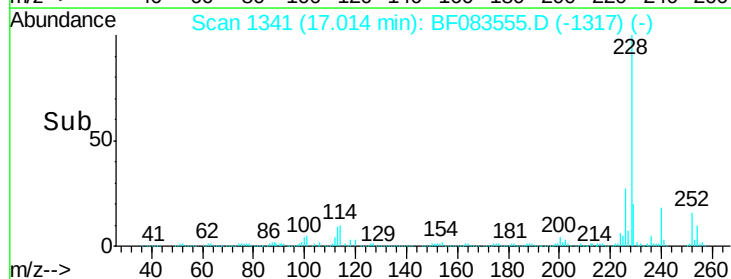
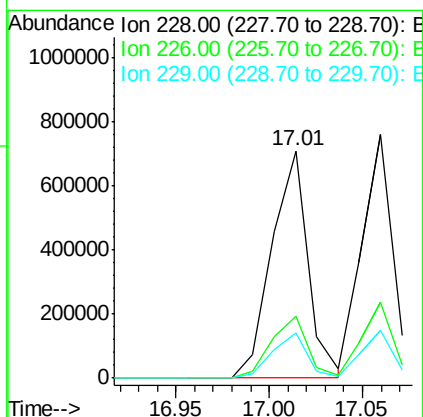
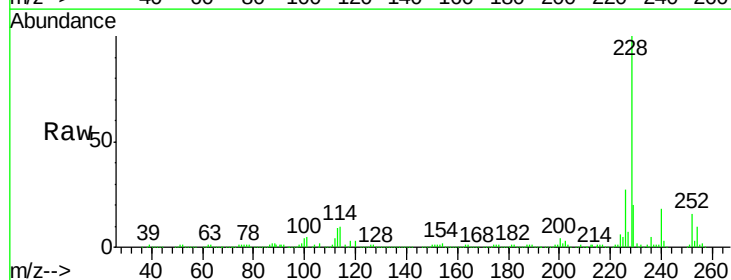
Instrument :
BNA_F
ClientSampled :

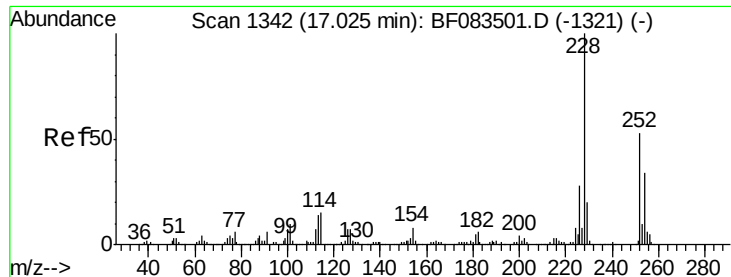
Tot Ion:149 Resp: 510679
Ion Ratio Lower Upper
149 100
91 87.0 60.0 90.0
206 17.6 16.2 24.4



#80
Benzo(a)anthracene
Concen: 49.79 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF083555.D
Acq: 7 Dec 2015 11:18

Tgt Ion:228 Resp: 959918
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.9 15.7 23.5

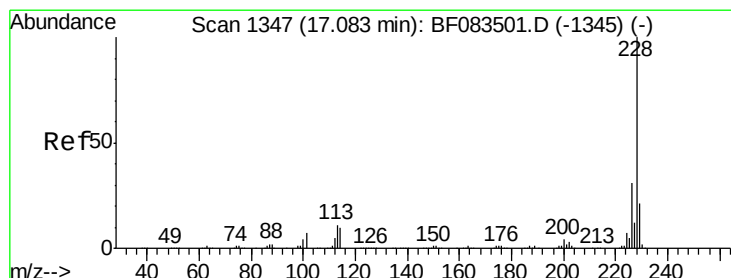
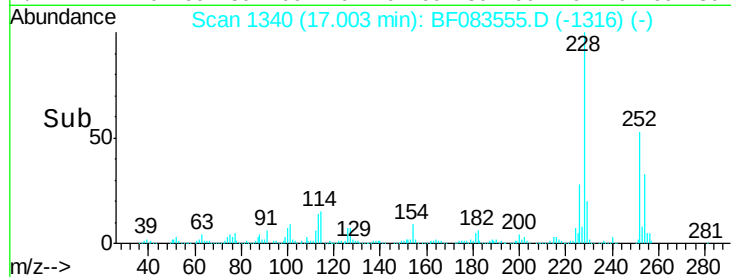
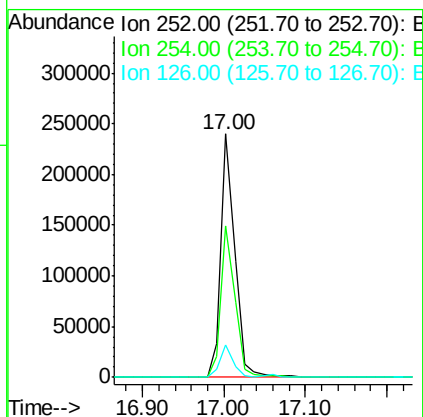
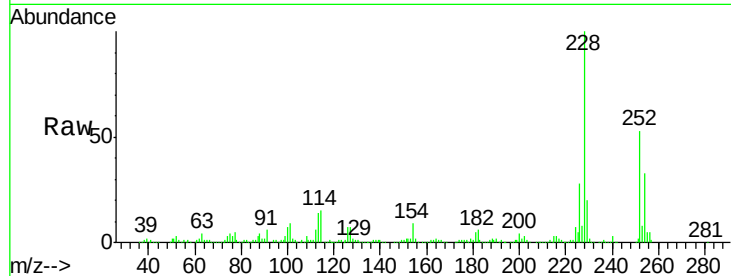




#81
 3,3'-Dichlorobenzidine
 Concen: 46.43 ng
 RT: 17.00 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

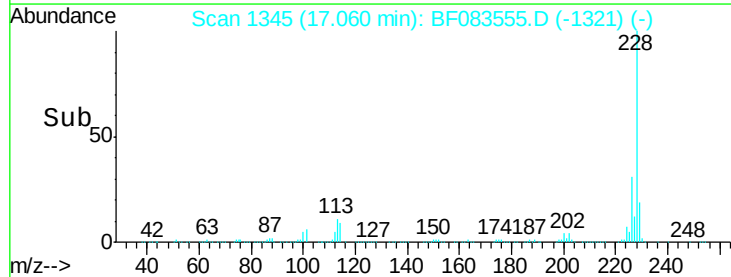
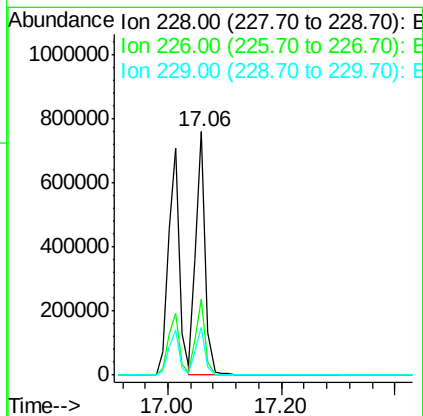
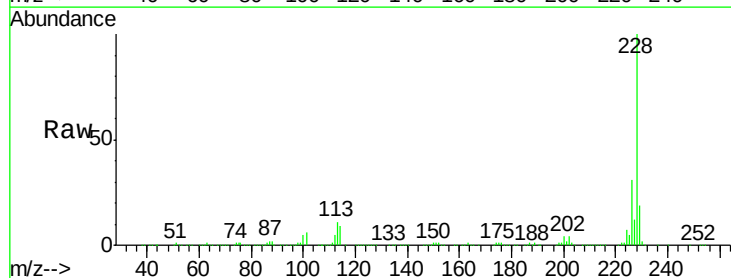
Instrument :
 BNA_F
 ClientSampleId :

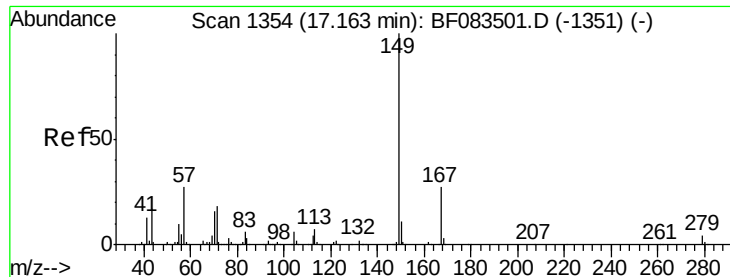
Tot Ion:252 Resp: 286313
 Ion Ratio Lower Upper
 252 100
 254 62.4 50.6 76.0
 126 13.5 11.0 16.4



#82
 Chrysene
 Concen: 45.84 ng
 RT: 17.06 min Scan# 1345
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion:228 Resp: 880497
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.7 37.1
 229 19.4 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.71 ng

RT: 17.14 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

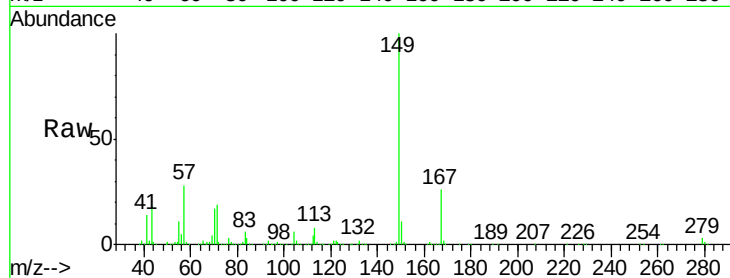
Tot Ion:149 Resp: 721425

Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.8

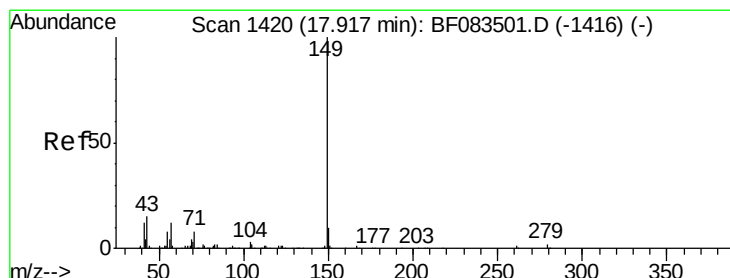
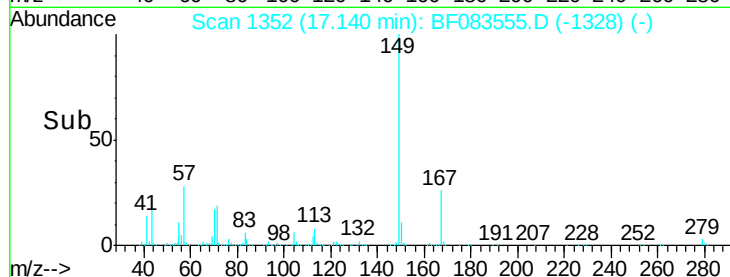
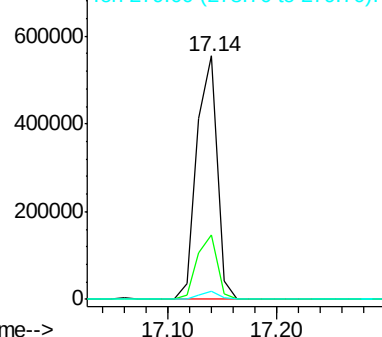
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 62.61 ng

RT: 17.91 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

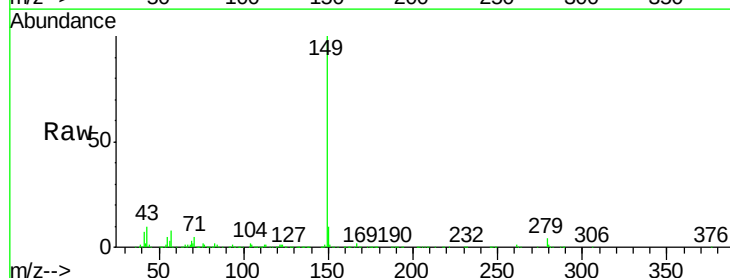
Tgt Ion:149 Resp: 1135842

Ion Ratio Lower Upper

149 100

167 1.8 0.0 0.0#

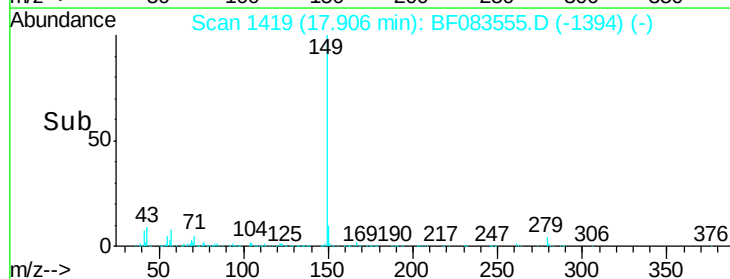
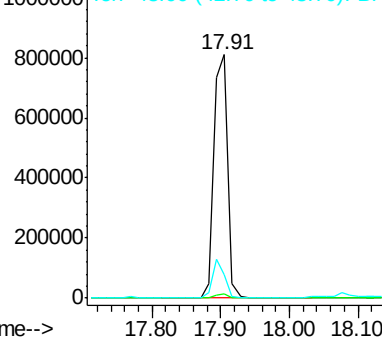
43 13.4 0.0 0.0#

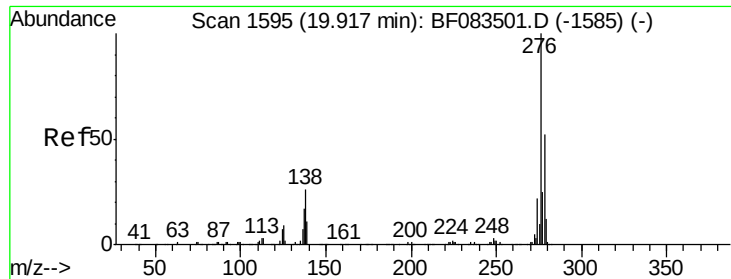


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

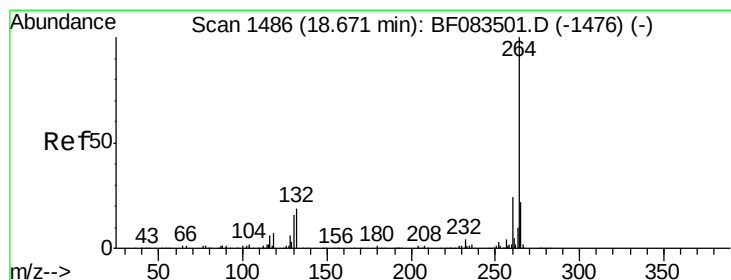
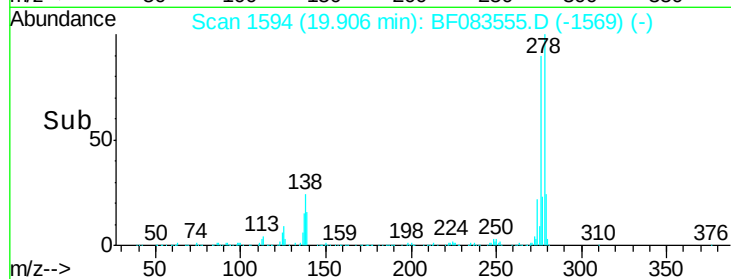
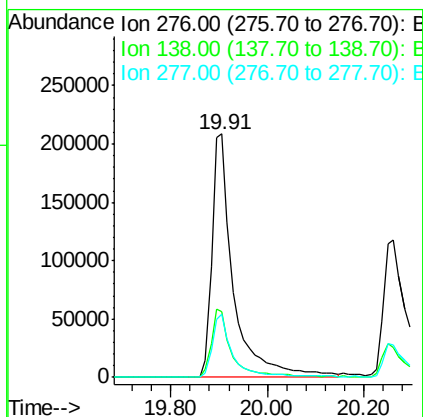
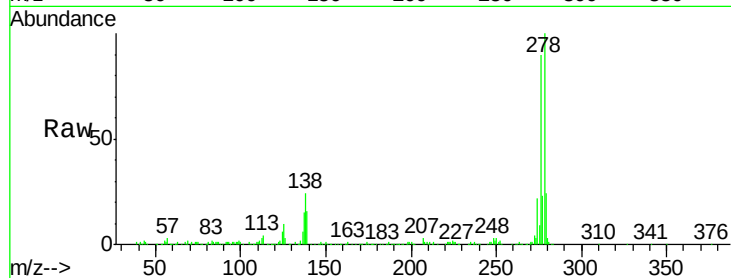




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.93 ng
 RT: 19.91 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

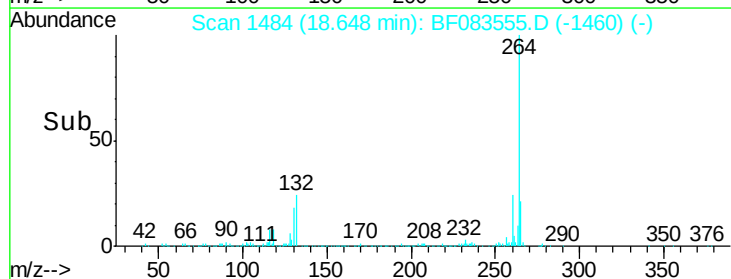
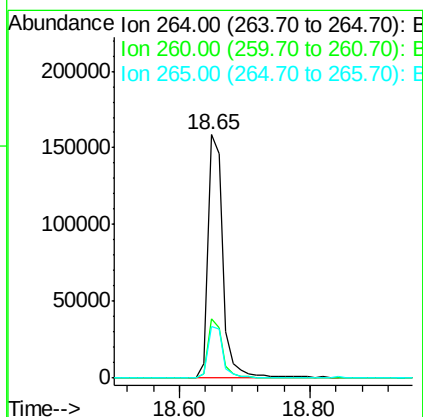
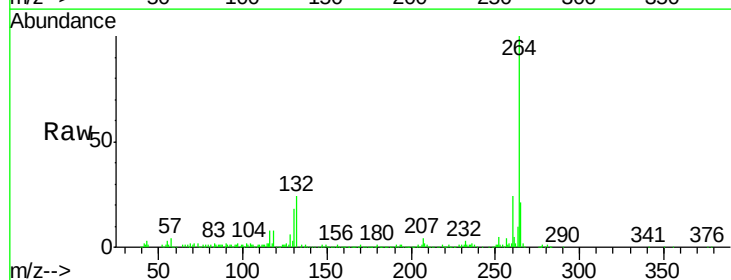
Instrument :
 BNA_F
 ClientSampled :

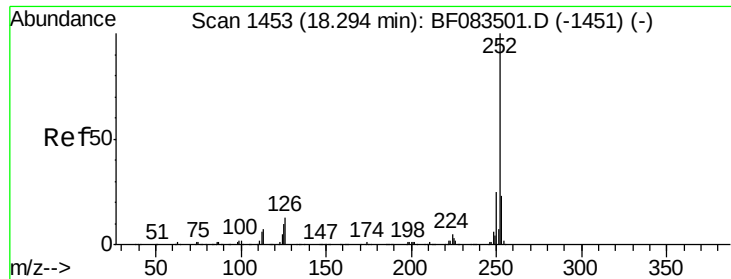
Tot Ion:276 Resp: 657426
 Ion Ratio Lower Upper
 276 100
 138 26.9 0.0 0.0#
 277 24.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: BF083555.D
 Acq: 7 Dec 2015 11:18

Tgt Ion:264 Resp: 257133
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 21.1 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 107.75 ng

RT: 18.31 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

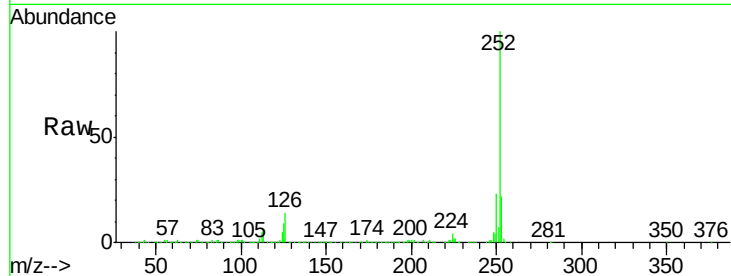
Tot Ion:252 Resp: 1555993

Ion Ratio Lower Upper

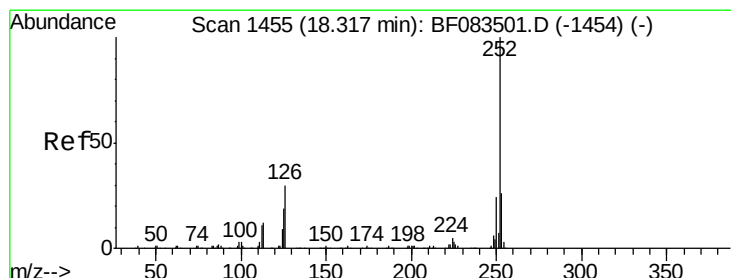
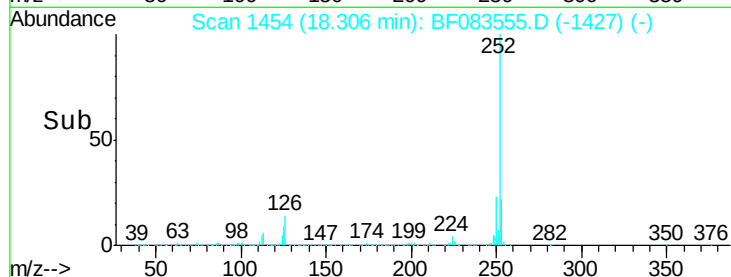
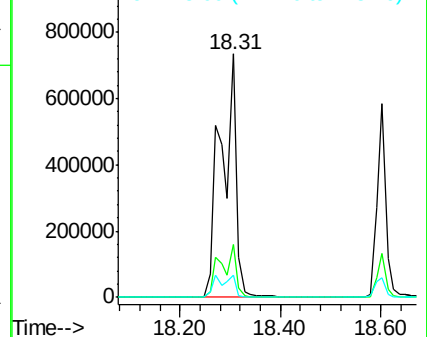
252 100

253 21.9 18.2 27.4

125 9.3 8.2 12.4



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



#88

Benzo(k)fluoranthene

Concen: 105.27 ng

RT: 18.31 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

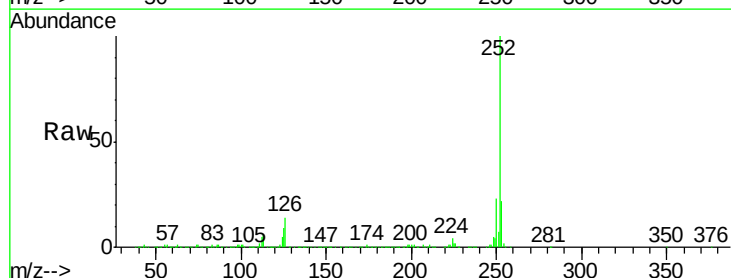
Tgt Ion:252 Resp: 1557256

Ion Ratio Lower Upper

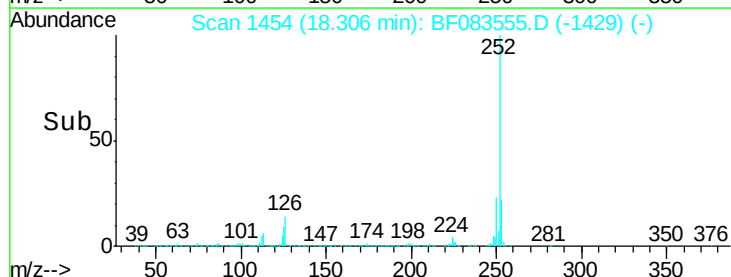
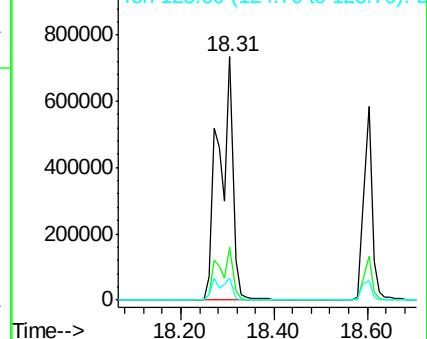
252 100

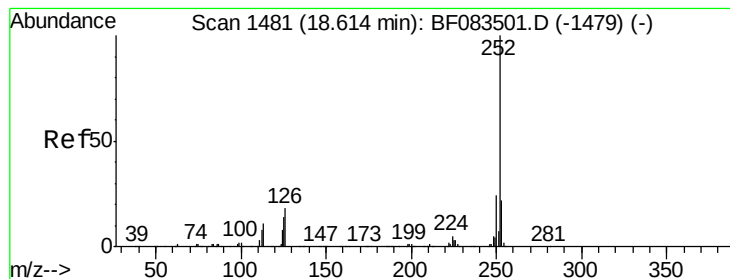
253 21.9 18.6 27.8

125 9.3 11.5 17.3#



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





#89

Benzo(a)pyrene

Concen: 50.41 ng

RT: 18.60 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

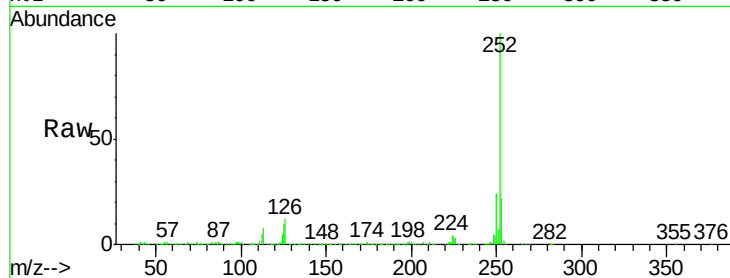
Tot Ion:252 Resp: 708077

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

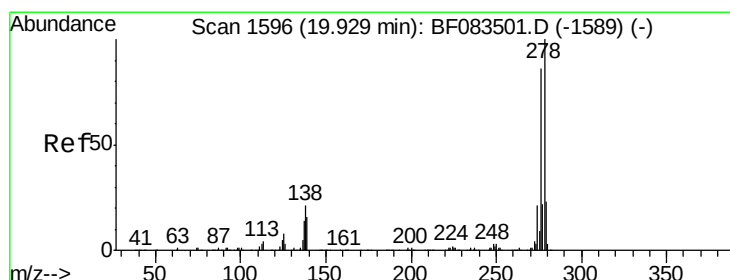
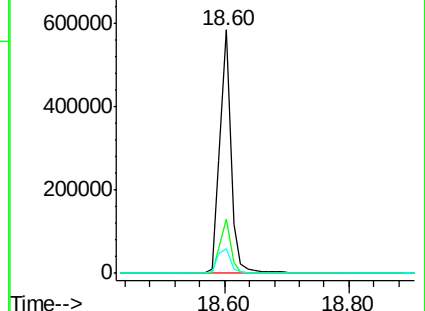
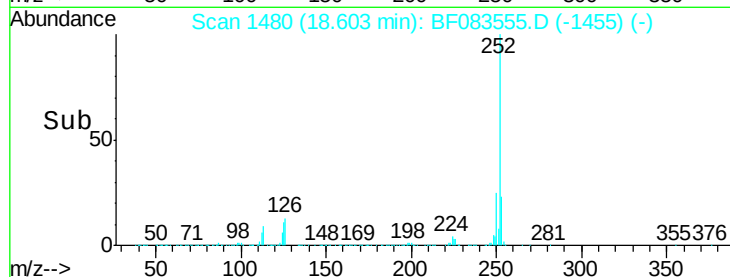
125 9.9 11.0 16.6#



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: 42.78 ng

RT: 19.91 min Scan# 1594

Delta R.T. -0.02 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

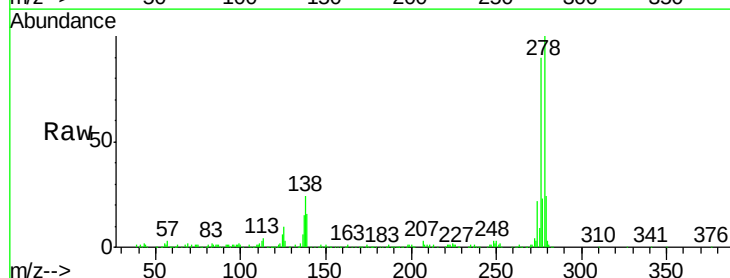
Tgt Ion:278 Resp: 578193

Ion Ratio Lower Upper

278 100

139 16.1 12.8 19.2

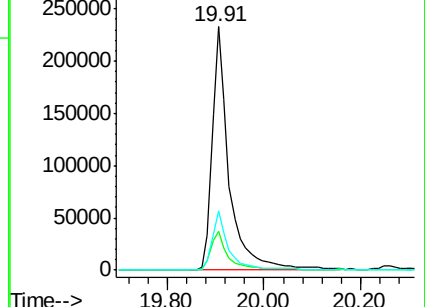
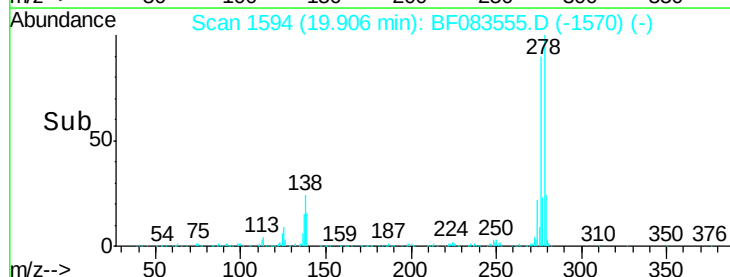
279 24.4 18.6 28.0

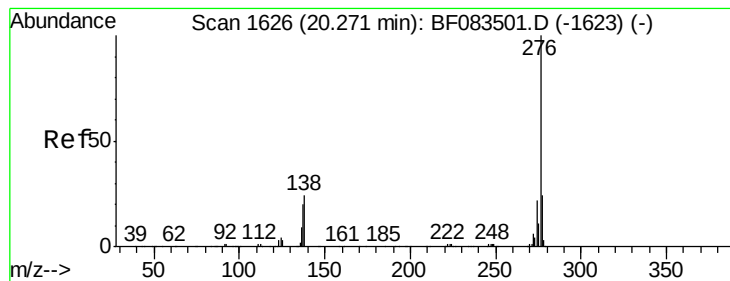


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 33.50 ng

RT: 20.26 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BF083555.D

Acq: 7 Dec 2015 11:18

Instrument :

BNA_F

ClientSampleId :

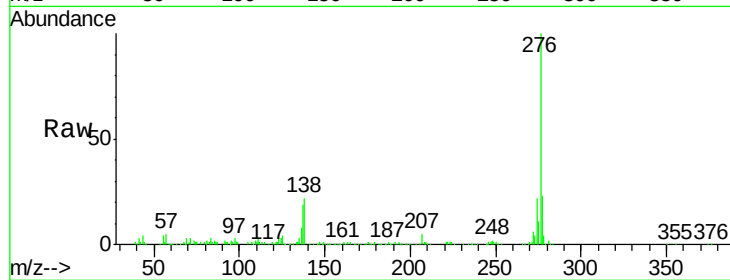
Tot Ion: 276 Resp: 456215

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 21.6 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

