

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121815\
 Data File : BF083902.D
 Acq On : 18 Dec 2015 7:36
 Operator : UM/SJ
 Sample : G4759-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 11:37:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 01:01:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	110734	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	410395	20.00	ng	0.01
38) Acenaphthene-d10	9.93	164	169718	20.00	ng	0.01
63) Phenanthrene-d10	11.41	188	252081	20.00	ng	0.02
75) Chrysene-d12	14.05	240	176379	20.00	ng	0.02
86) Perylene-d12	15.51	264	144407	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	456318	64.49	ng	0.03
7) Phenol-d6	6.54	99	568041	65.59	ng	0.03
23) Nitrobenzene-d5	7.45	82	316128	43.96	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	115427	61.74	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	554051	42.26	ng	0.00
78) Terphenyl-d14	13.00	244	364743	45.43	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	49153	16.01	ng	# 94
3) Pyridine	3.29	79	129635	17.08	ng	99
4) n-Nitrosodimethylamine	3.21	42	65746	22.71	ng	96
8) 2-Chlorophenol	6.68	128	160173	19.02	ng	84
9) Benzaldehyde	6.43	77	90555	17.35	ng	85
10) Phenol	6.56	94	194895	20.17	ng	79
11) bis(2-Chloroethyl)ether	6.61	93	162718	22.16	ng	90
12) 1,3-Dichlorobenzene	7.06	146	175534	19.38	ng	99
13) 1,4-Dichlorobenzene	6.90	146	184108	19.91	ng	96
14) 1,2-Dichlorobenzene	7.06	146	175540	21.60	ng	96
15) Benzyl Alcohol	7.04	79	157971	24.10	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	138734	18.33	ng	# 49
17) 2-Methylphenol	7.15	107	131496	19.91	ng	# 92
18) Hexachloroethane	7.39	117	51507	15.18	ng	# 85
19) n-Nitroso-di-n-propylamine	7.31	70	114324	22.64	ng	99
20) 3+4-Methylphenols	7.31	107	173532	22.36	ng	# 44
22) Acetophenone	7.30	105	237412	24.03	ng	# 92
24) Nitrobenzene	7.47	77	185521	24.95	ng	96
25) Isophorone	7.71	82	298786	22.08	ng	97
26) 2-Nitrophenol	7.78	139	53439	13.88	ng	# 77
27) 2,4-Dimethylphenol	7.84	122	146690	22.12	ng	93
28) bis(2-Chloroethoxy)methane	7.92	93	186870	23.35	ng	# 82
29) 2,4-Dichlorophenol	8.03	162	122899	20.43	ng	95
30) 1,2,4-Trichlorobenzene	8.11	180	134034	20.75	ng	98
31) Naphthalene	8.19	128	500003	23.11	ng	100
32) Benzoic acid	7.93	122	24113	14.17	ng	93
34) Hexachlorobutadiene	8.30	225	74523	18.47	ng	98
35) Caprolactam	8.61	113	38416	19.33	ng	96
36) 4-Chloro-3-methylphenol	8.73	107	139244	19.51	ng	89
37) 2-Methylnaphthalene	8.98	142	276214	19.36	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	127025	23.74	ng	99
40) Hexachlorocyclopentadiene	9.04	237	926	8.93	ng	86
42) 2,4,6-Trichlorophenol	9.16	196	75731	21.43	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	76513	21.88	ng	# 81

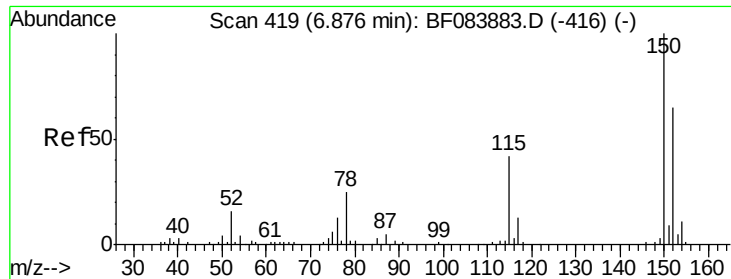
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.34	154	377390	25.78	nq	98
46) 2-Chloronaphthalene	9.37	162	256731	22.13	nq	98
47) 2-Nitroaniline	9.46	65	76142	22.69	nq	97
48) Acenaphthylene	9.78	152	395301	19.98	nq	99
49) Dimethylphthalate	9.64	163	444799	31.23	nq	98
50) 2,6-Dinitrotoluene	9.71	165	56804	18.29	nq	93
51) Acenaphthene	9.95	154	225573	18.54	nq	99
52) 3-Nitroaniline	9.87	138	16124	4.92	nq	94
53) 2,4-Dinitrophenol	9.98	184	1389	11.38	nq #	71
54) Dibenzofuran	10.12	168	338474	21.42	nq #	89
55) 4-Nitrophenol	10.05	139	71981	35.21	nq #	81
56) 2,4-Dinitrotoluene	10.11	165	70592	17.73	nq #	81
57) Fluorene	10.46	166	255480	19.56	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	53991	20.87	nq #	100
59) Diethylphthalate	10.34	149	294364	19.99	nq	95
60) 4-Chlorophenyl-phenylether	10.46	204	123679	20.42	nq	89
61) 4-Nitroaniline	10.48	138	20647	6.09	nq	95
62) Azobenzene	10.61	77	253040	20.50	nq	87
64) 4,6-Dinitro-2-methylphenol	10.52	198	1498	4.82	nq #	11
65) n-Nitrosodiphenylamine	10.58	169	235315	25.65	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	66298	21.51	nq #	54
67) Hexachlorobenzene	11.02	284	73802	22.74	nq #	93
68) Atrazine	11.12	200	62797	21.61	nq	97
69) Pentachlorophenol	11.22	266	57111	43.75	nq	98
70) Phenanthrene	11.44	178	387729	25.46	nq	100
71) Anthracene	11.48	178	306259	20.80	nq	99
72) Carbazole	11.64	167	294284	20.23	nq	99
73) Di-n-butylphthalate	11.97	149	376202	22.01	nq #	97
74) Fluoranthene	12.63	202	319024	20.99	nq	99
77) Pyrene	12.85	202	339326	31.10	nq	100
79) Butylbenzylphthalate	13.47	149	131512	22.40	nq	96
80) Benzo(a)anthracene	14.04	228	278657	25.70	nq	98
82) Chrysene	14.09	228	257175	24.55	nq	100
83) Bis(2-ethylhexyl)phthalate	14.03	149	192662	24.58	nq #	97
84) Di-n-octyl phthalate	14.65	149	315087	25.68	nq #	83
85) Indeno(1,2,3-cd)pyrene	16.96	276	198342	25.32	nq	99
87) Benzo(b)fluoranthene	15.12	252	466191	44.28	nq #	92
88) Benzo(k)fluoranthene	15.12	252	466191	53.68	nq #	95
89) Benzo(a)pyrene	15.45	252	214684	24.69	nq #	93
90) Dibenzo(a,h)anthracene	16.97	278	154594	22.86	nq	98
91) Benzo(g,h,i)perylene	17.40	276	175950	26.54	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

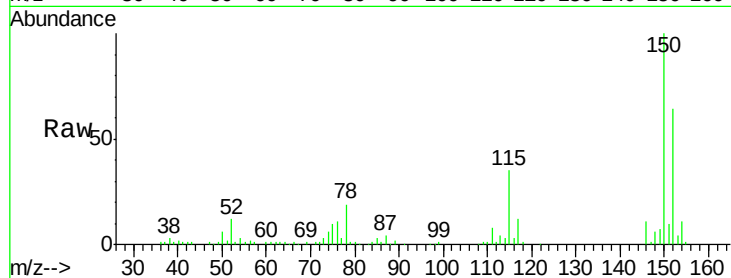
Tot Ion:152 Resp: 110734

Ion Ratio Lower Upper

152 100

150 157.4 123.0 184.4

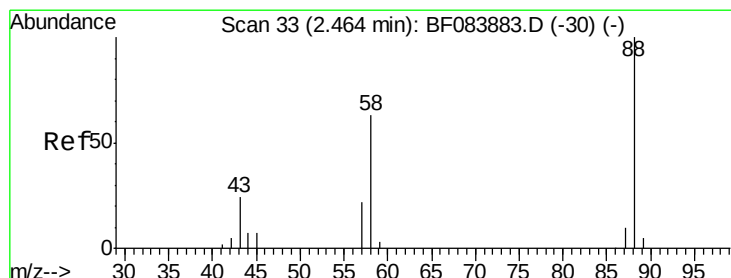
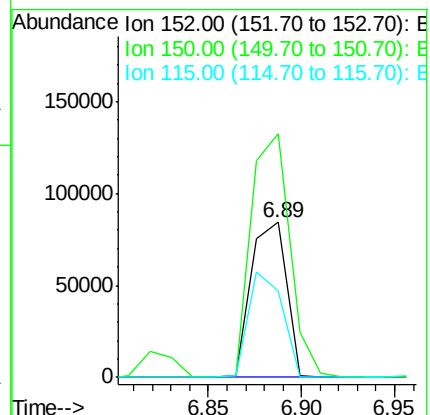
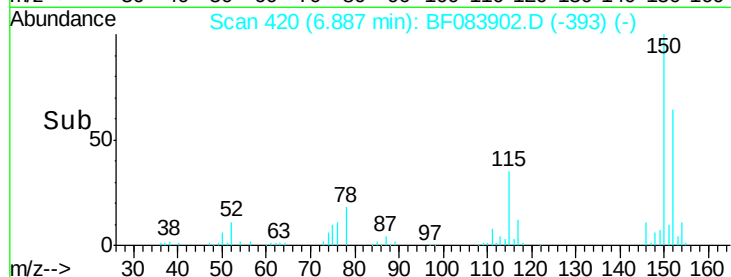
115 55.7 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 16.01 ng

RT: 2.52 min Scan# 38

Delta R.T. 0.06 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

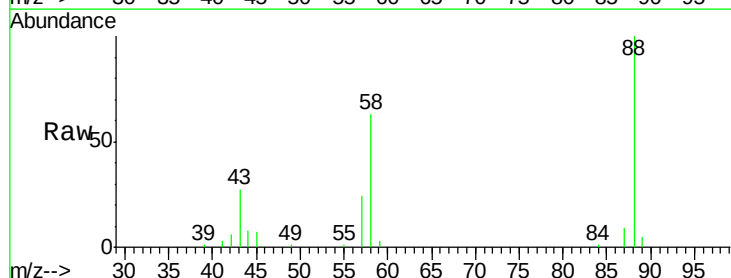
Tgt Ion: 88 Resp: 49153

Ion Ratio Lower Upper

88 100

58 63.0 51.2 76.8

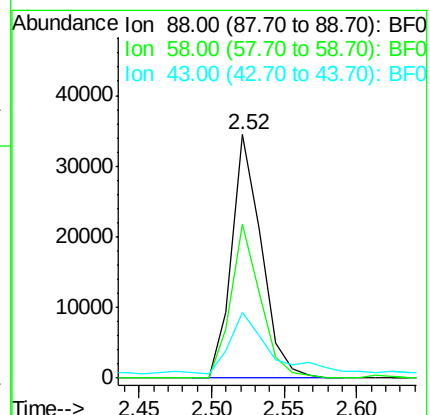
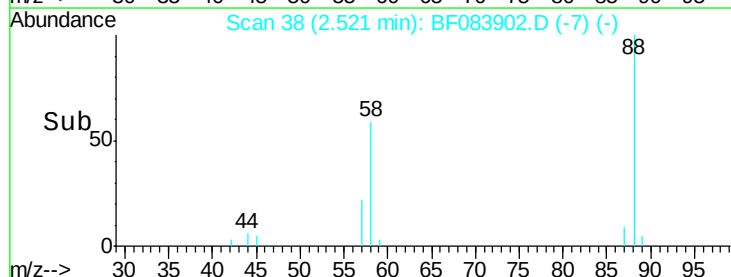
43 33.7 19.5 29.3#

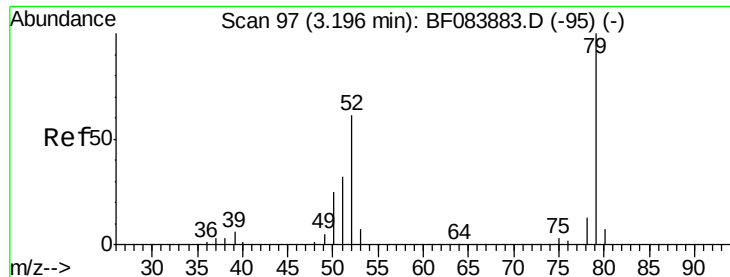


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 17.08 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

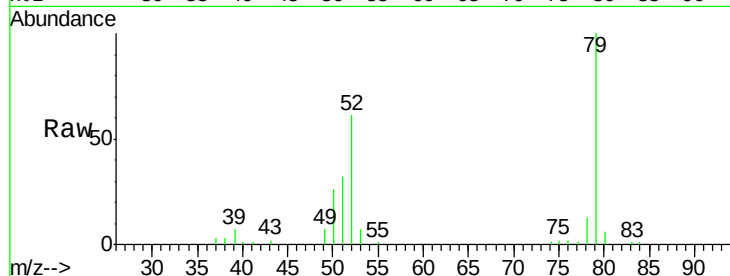
Tot Ion: 79 Resp: 129635

Ion Ratio Lower Upper

79 100

52 60.7 49.0 73.4

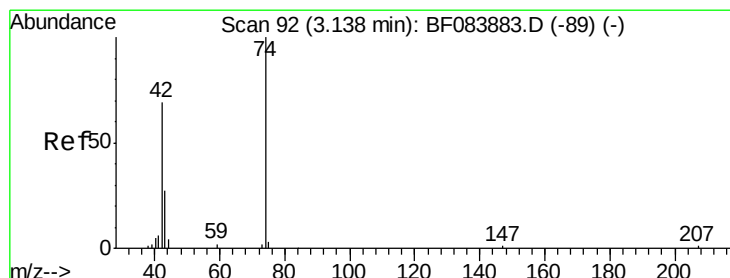
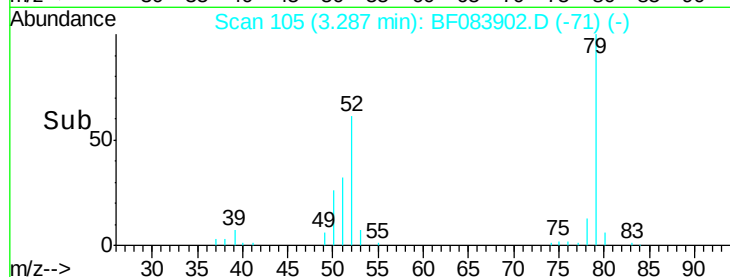
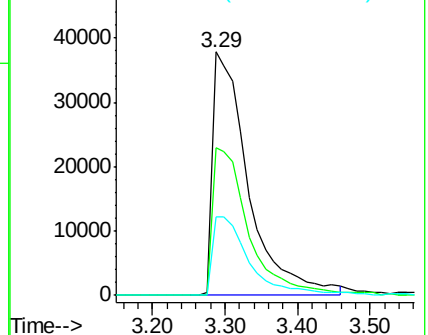
51 32.2 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 22.71 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.07 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

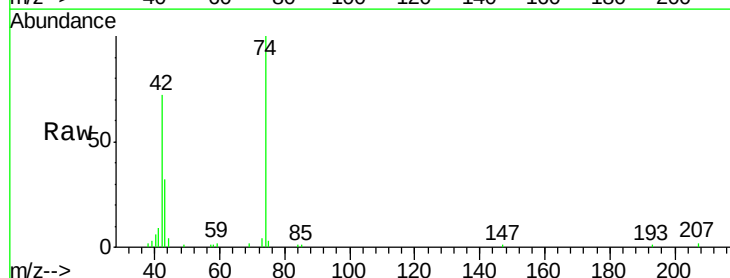
Tgt Ion: 42 Resp: 65746

Ion Ratio Lower Upper

42 100

74 139.8 115.7 173.5

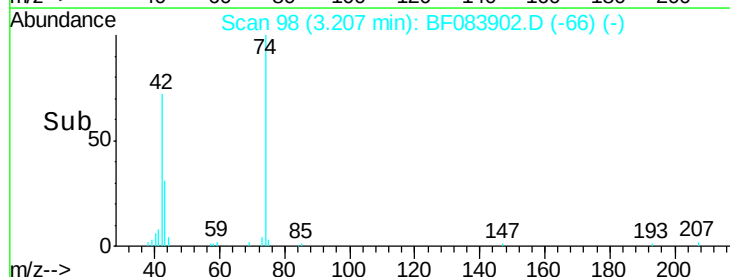
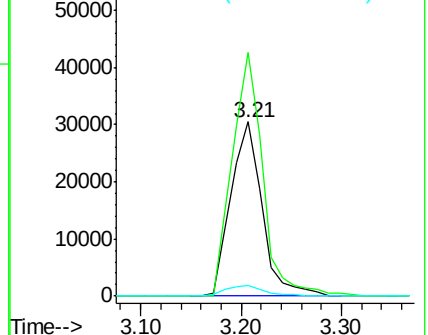
44 6.1 5.1 7.7

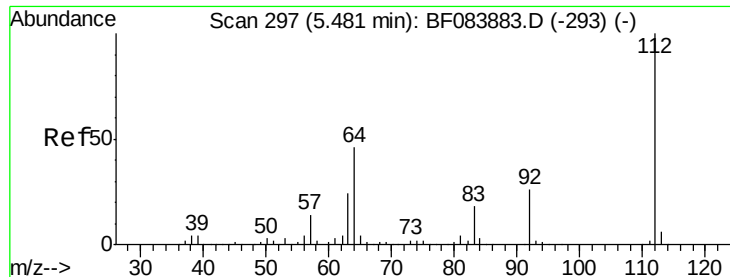


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 64.49 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.03 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampled :

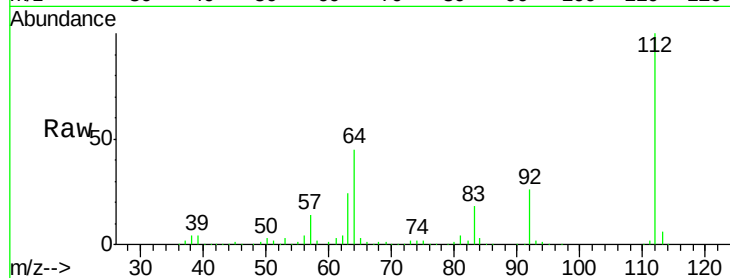
Tot Ion:112 Resp: 456318

Ion Ratio Lower Upper

112 100

64 44.5 36.6 55.0

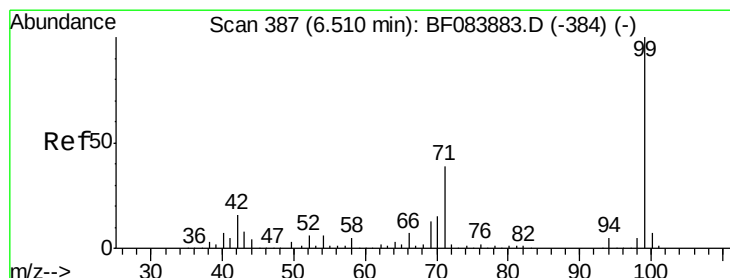
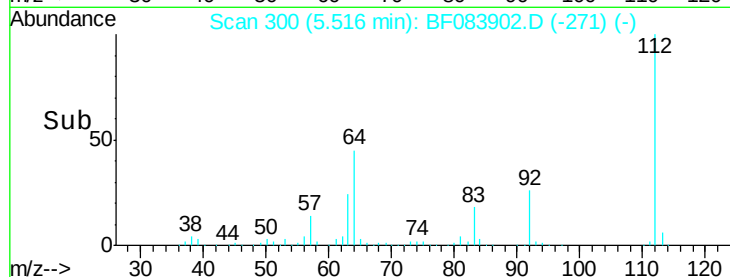
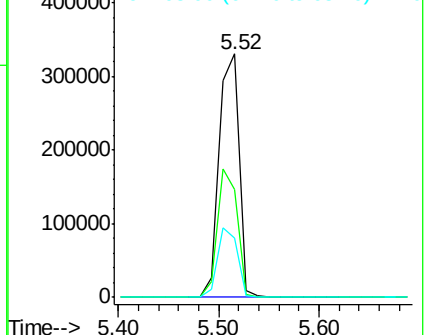
63 24.1 19.4 29.0



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



#7

Phenol-d6

Concen: 65.59 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.03 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

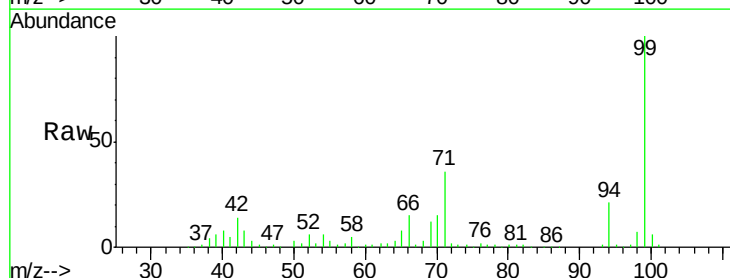
Tgt Ion: 99 Resp: 568041

Ion Ratio Lower Upper

99 100

42 13.7 12.8 19.2

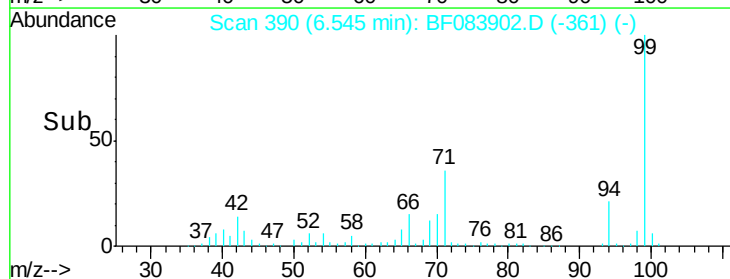
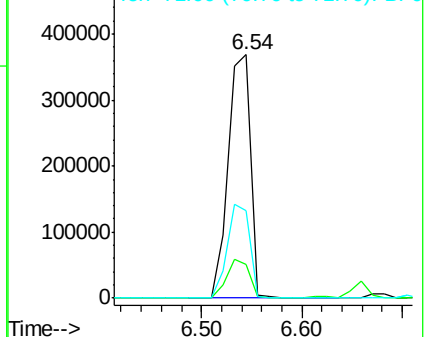
71 36.1 30.9 46.3

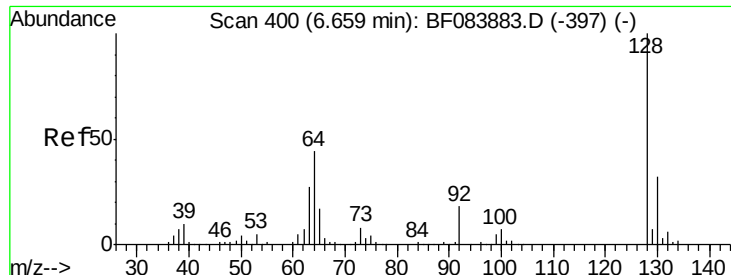


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

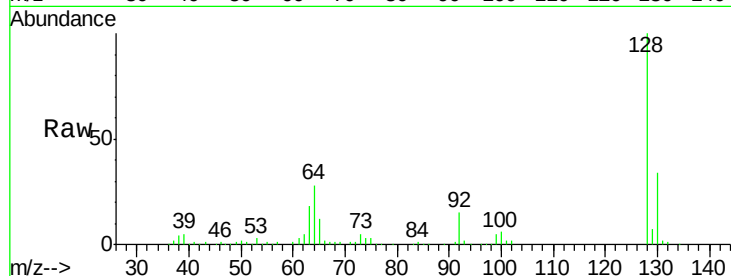




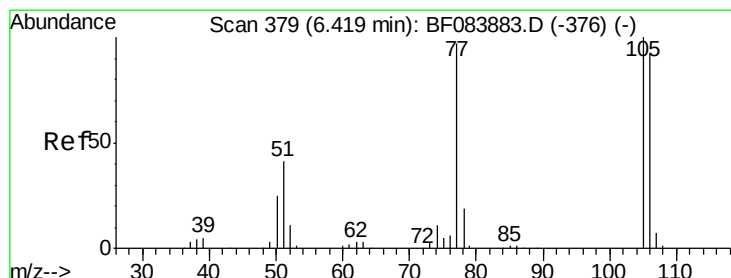
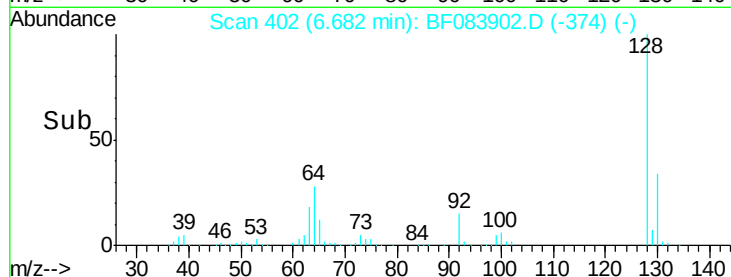
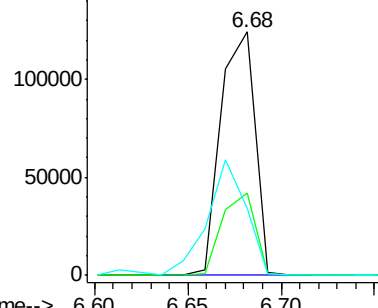
#8
2-Chlorophenol
Concen: 19.02 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.02 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 160173
Ion Ratio Lower Upper
128 100
130 33.8 11.6 51.6
64 27.7 23.8 63.8

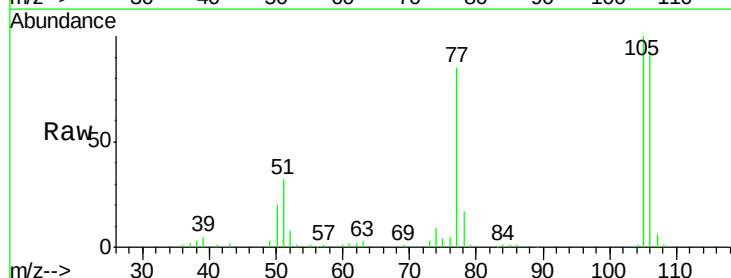


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): E

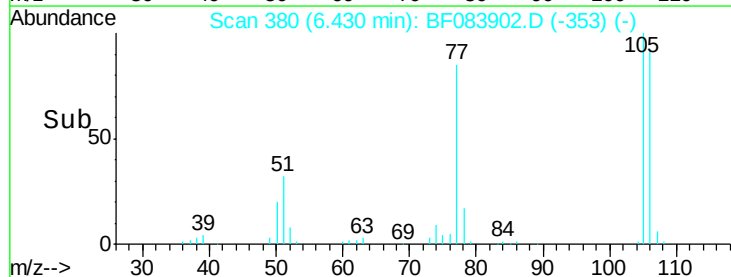
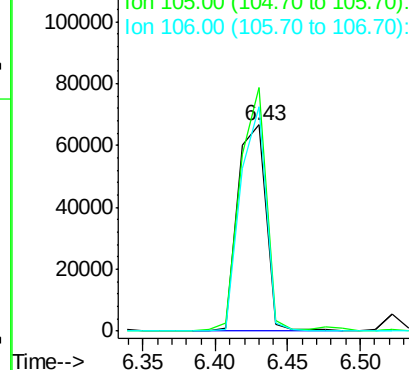


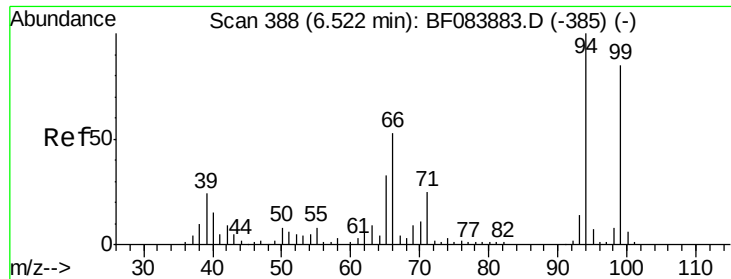
#9
Benzaldehyde
Concen: 17.35 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.01 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Tgt Ion: 77 Resp: 90555
Ion Ratio Lower Upper
77 100
105 118.1 83.0 123.0
106 108.9 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 20.17 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.03 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

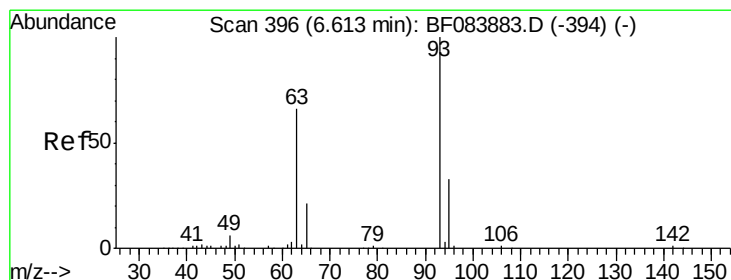
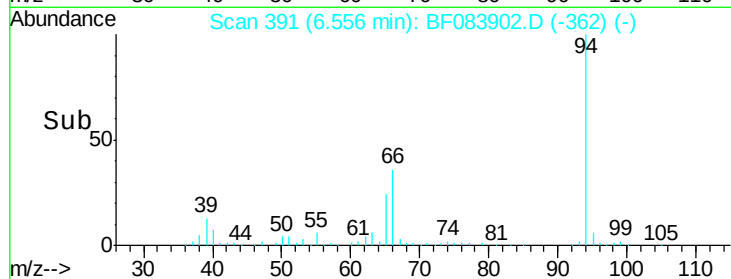
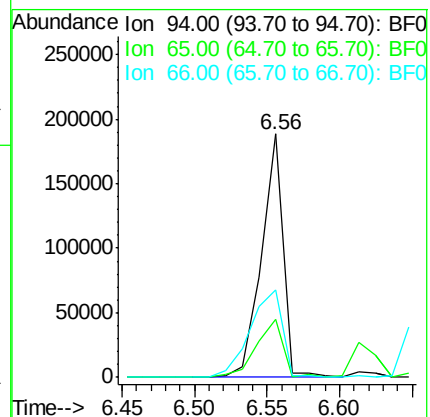
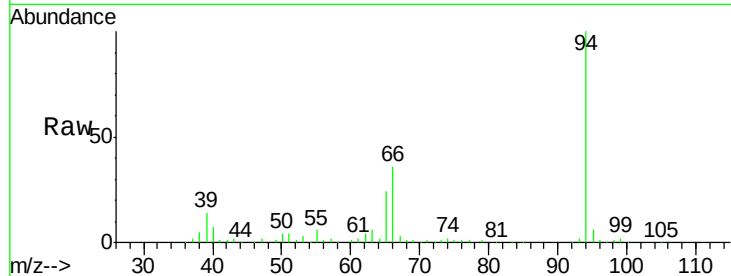
Tot Ion: 94 Resp: 194895

Ion Ratio Lower Upper

94 100

65 23.7 12.9 52.9

66 35.9 32.7 72.7



#11

bis(2-Chloroethyl)ether

Concen: 22.16 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

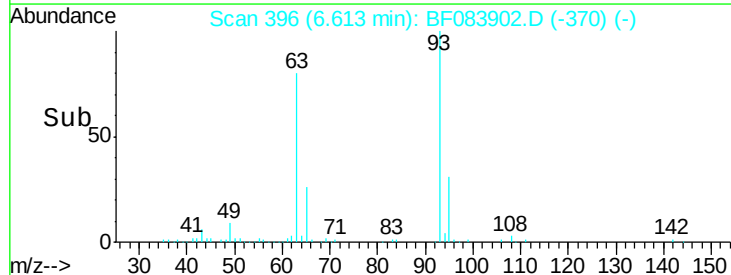
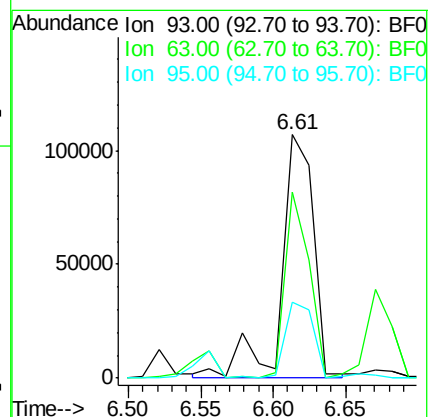
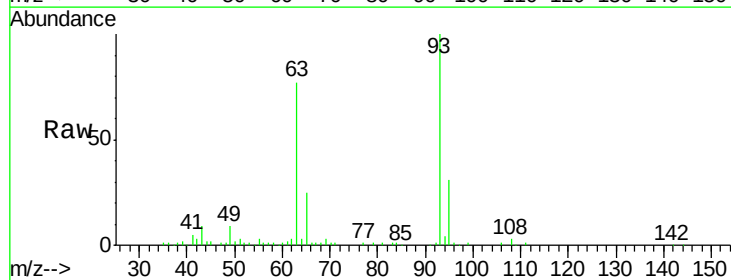
Tgt Ion: 93 Resp: 162718

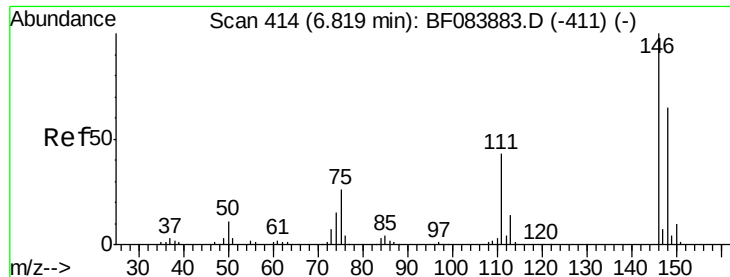
Ion Ratio Lower Upper

93 100

63 76.6 45.9 85.9

95 31.0 12.3 52.3

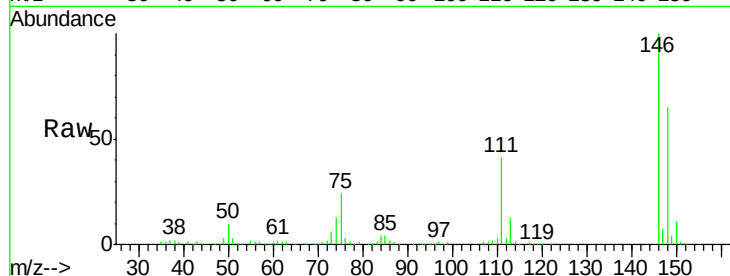




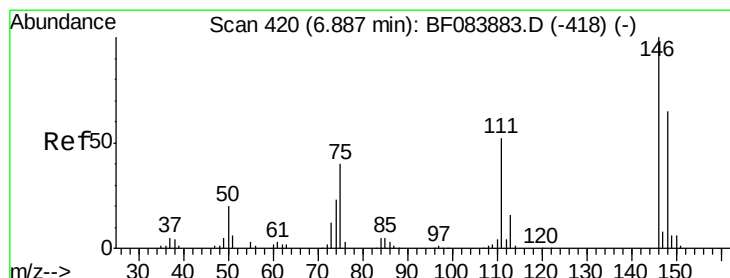
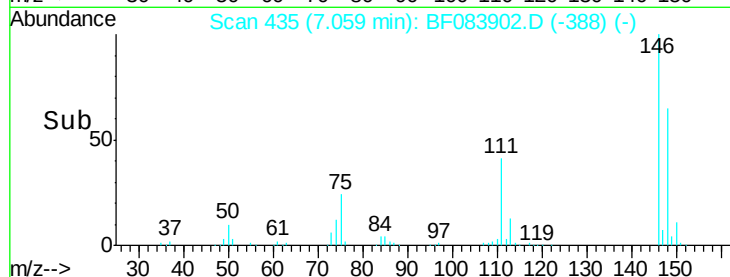
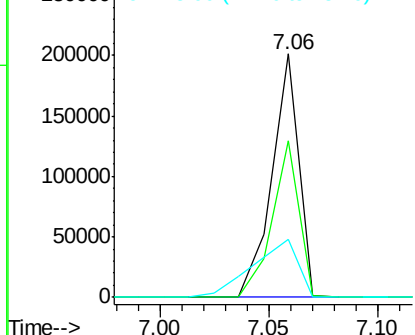
#12
 1,3-Dichlorobenzene
 Concen: 19.38 ng
 RT: 7.06 min Scan# 435
 Delta R.T. 0.24 min
 Lab File: BF083902.D
 Acq: 18 Dec 2015 7:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 175534
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.9 77.9
 75 23.8 20.5 30.7

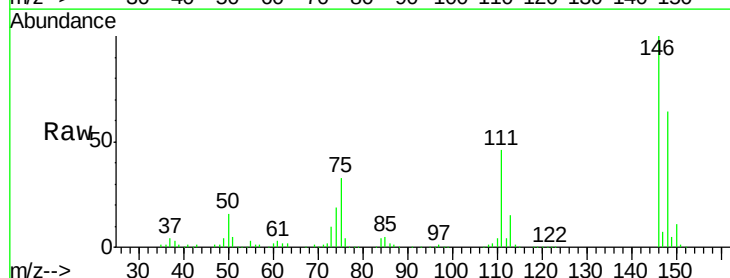


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

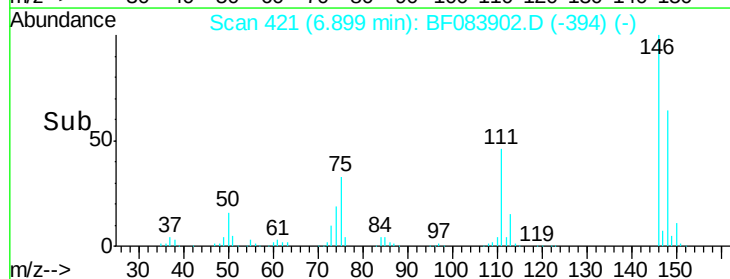
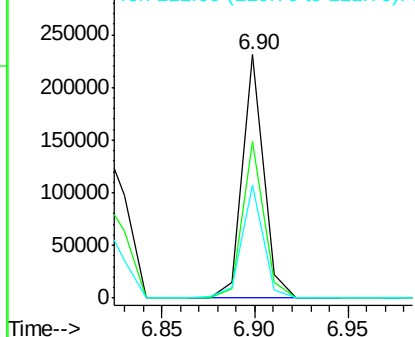


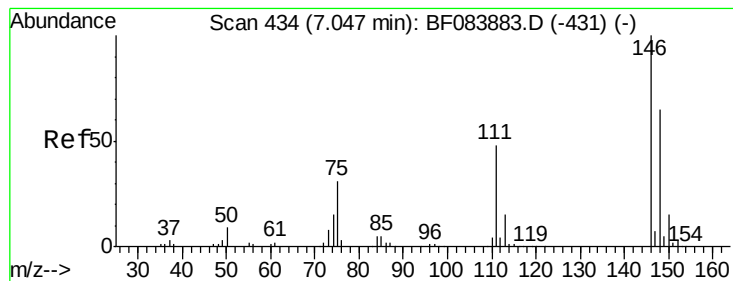
#13
 1,4-Dichlorobenzene
 Concen: 19.91 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.01 min
 Lab File: BF083902.D
 Acq: 18 Dec 2015 7:36

Tgt Ion:146 Resp: 184108
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.9 77.9
 111 46.4 41.6 62.4



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





#14

1,2-Dichlorobenzene

Concen: 21.60 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampled :

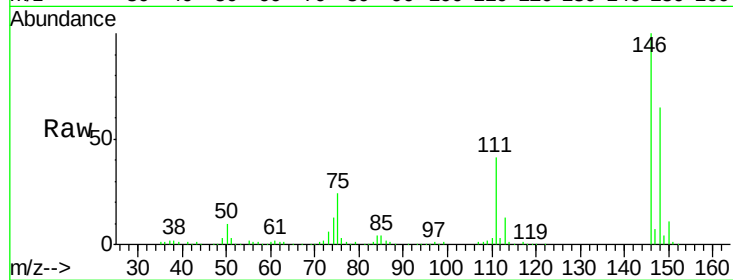
Tot Ion:146 Resp: 175540

Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

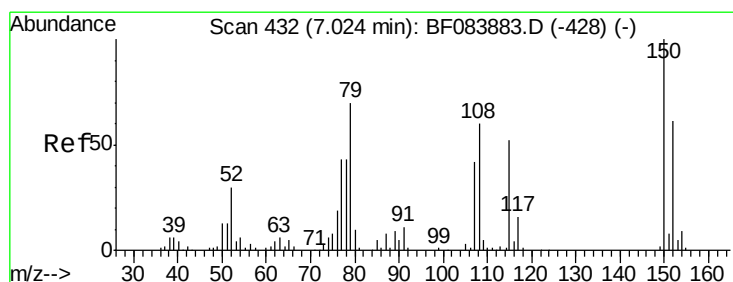
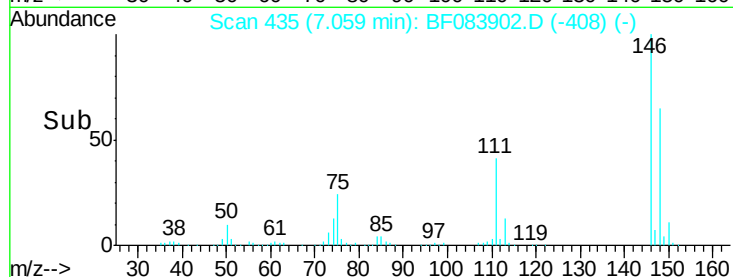
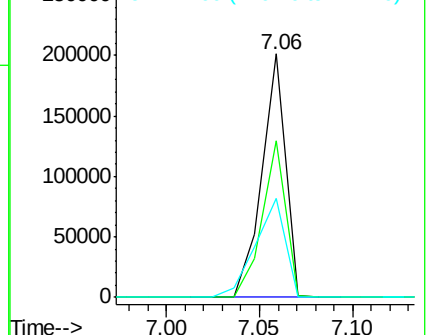
111 40.8 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 24.10 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

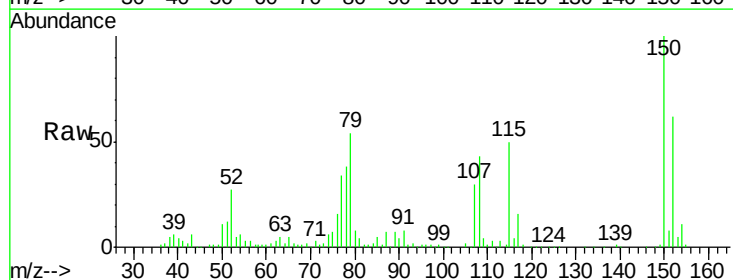
Tgt Ion: 79 Resp: 157971

Ion Ratio Lower Upper

79 100

108 79.6 69.0 103.4

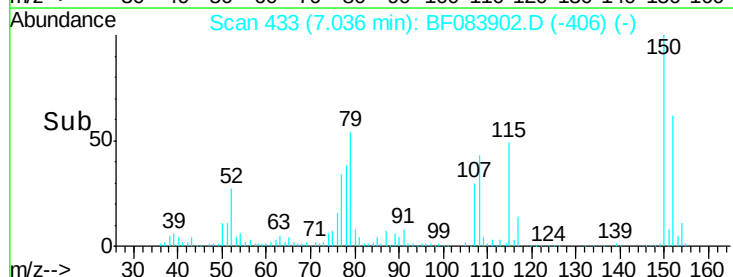
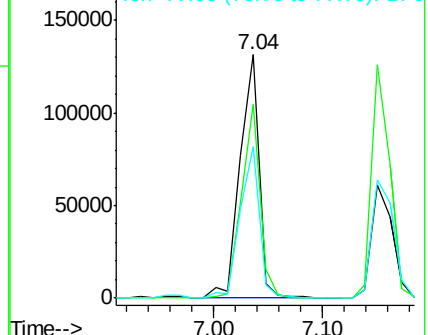
77 62.1 50.0 75.0

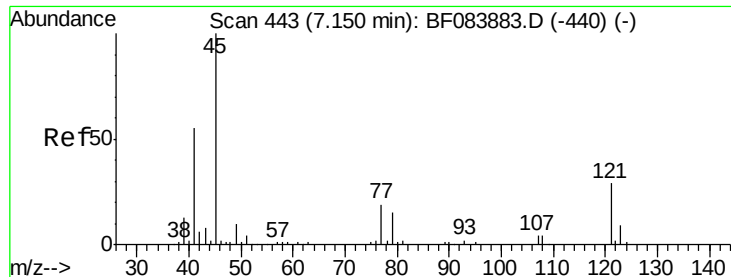


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

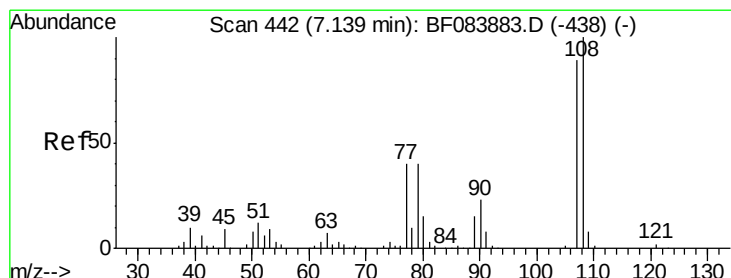
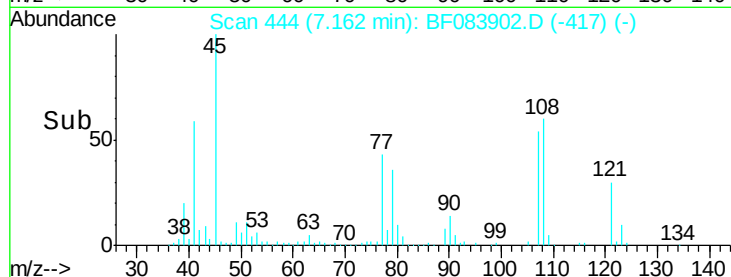
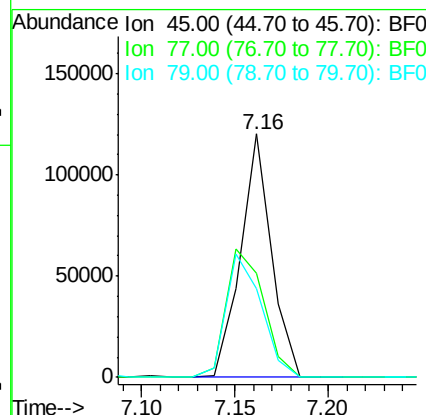
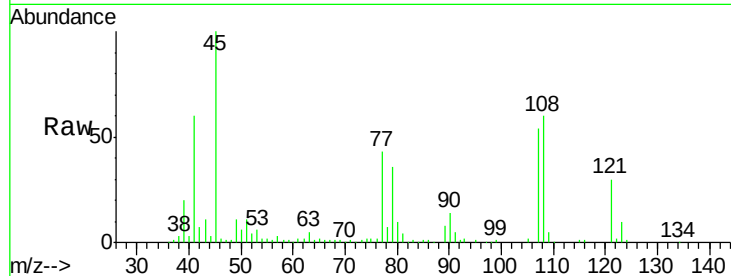




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 18.33 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

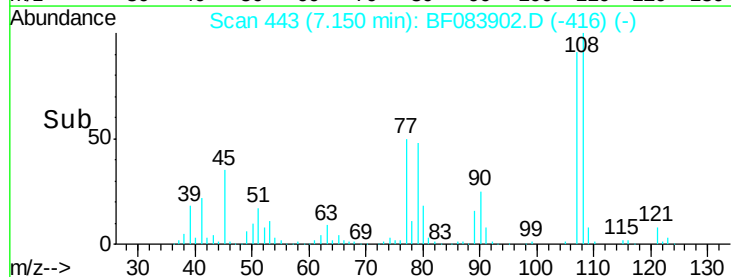
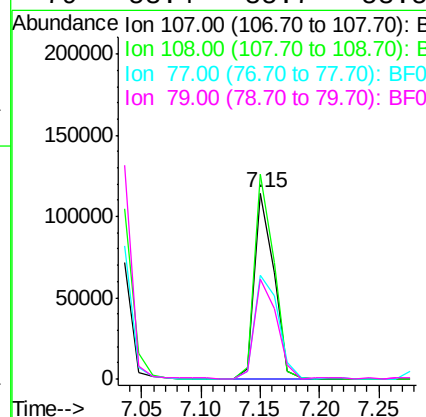
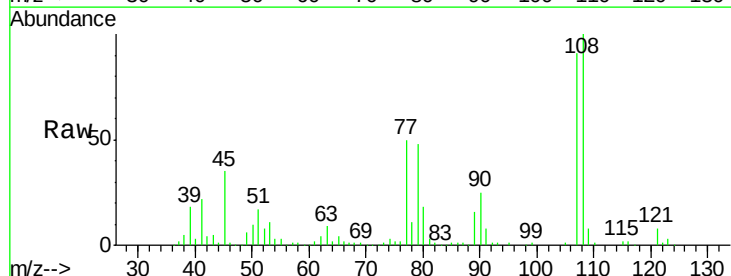
Instrument :
BNA_F
ClientSampleId :

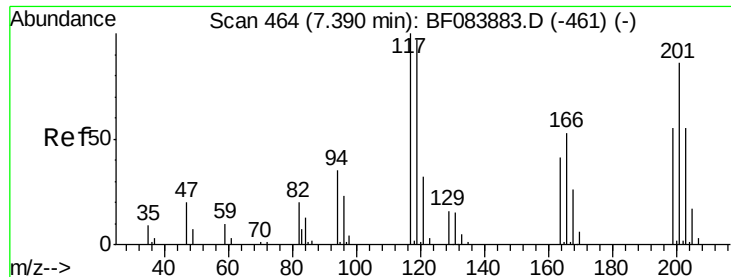
Tot Ion: 45 Resp: 138734
Ion Ratio Lower Upper
45 100
77 42.7 0.0 39.6#
79 36.3 0.0 35.0#



#17
2-Methylphenol
Concen: 19.91 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Tgt Ion: 107 Resp: 131496
Ion Ratio Lower Upper
107 100
108 110.3 89.8 134.6
77 55.6 35.7 53.5#
79 53.4 35.7 53.5

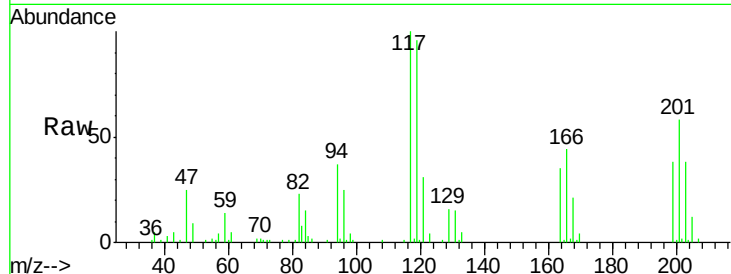




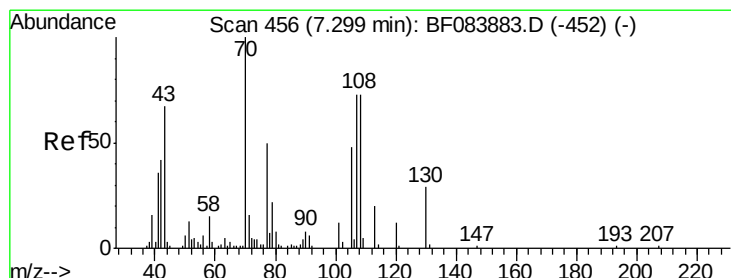
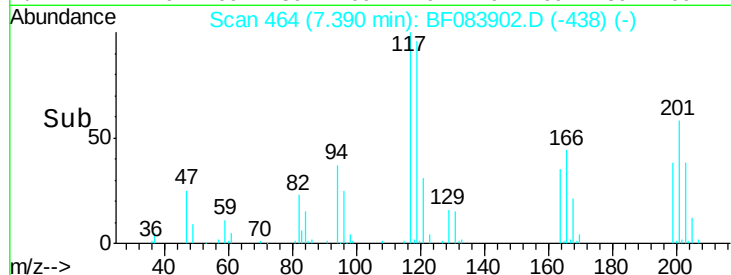
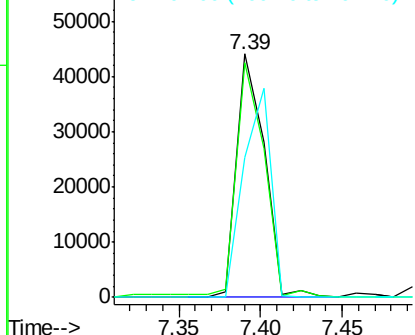
#18
Hexachloroethane
Concen: 15.18 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Instrument :
BNA_F
ClientSampled :

Tot Ion: 117 Resp: 51507
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.0
201 57.6 68.6 103.0#



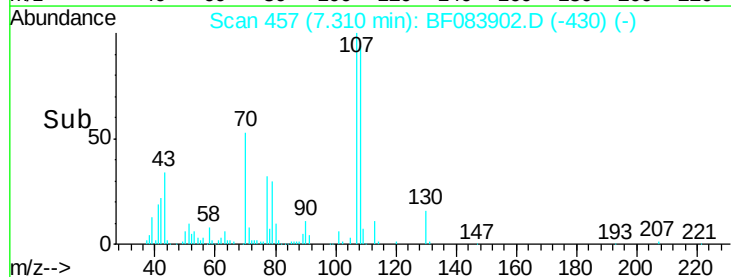
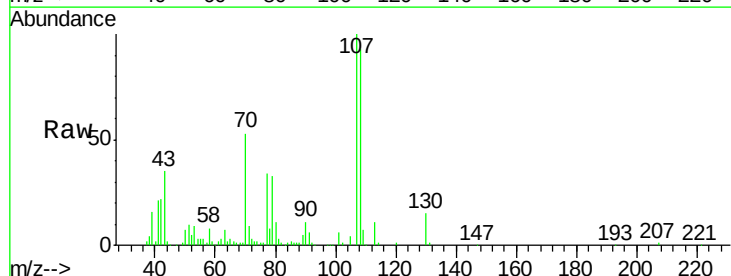
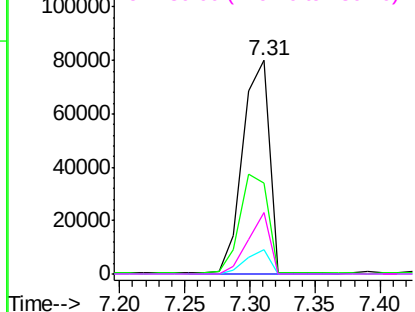
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

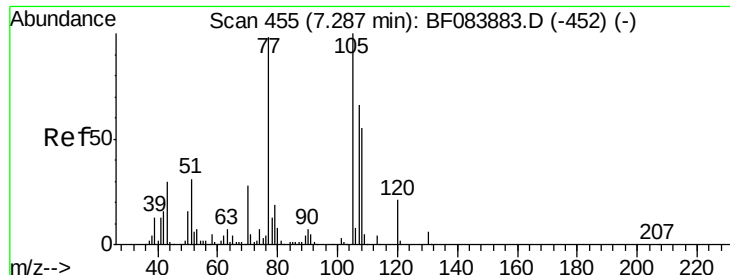


#19
n-Nitroso-di-n-propylamine
Concen: 22.64 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.01 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Tgt Ion: 70 Resp: 114324
Ion Ratio Lower Upper
70 100
42 42.7 33.3 49.9
101 11.3 9.3 13.9
130 29.0 23.4 35.0

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





#20

3+4-Methylphenols

Concen: 22.36 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.02 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 173532

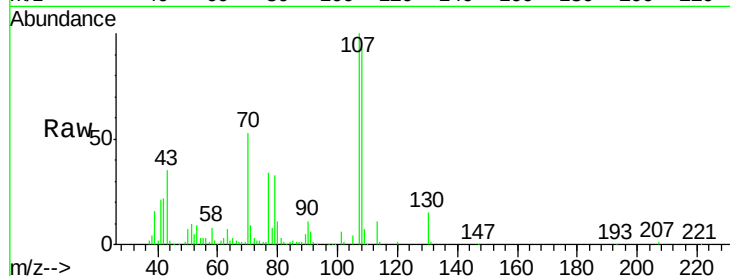
Ion Ratio Lower Upper

107 100

108 93.2 64.1 104.1

77 33.7 128.9 168.9#

79 32.9 9.6 49.6

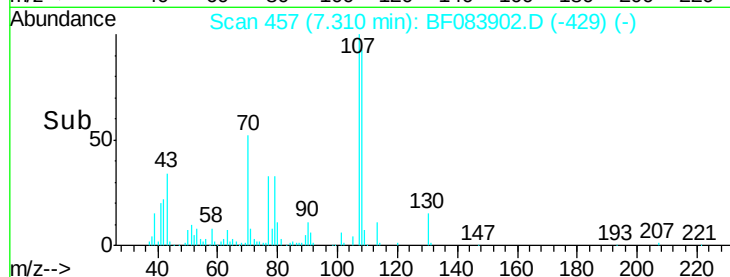


Abundance Ion 107.00 (106.70 to 107.70): E

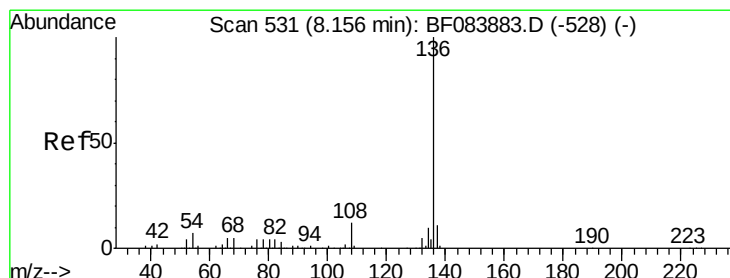
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Tgt Ion:136 Resp: 410395

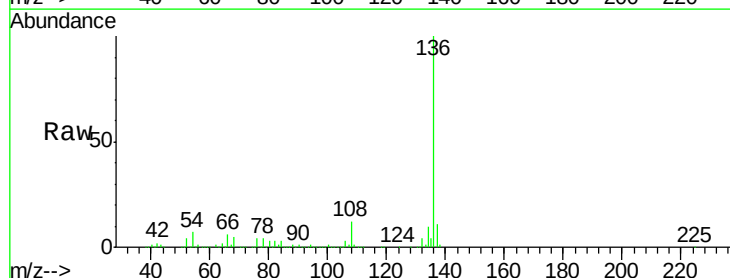
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.6 5.8 8.8

68 4.7 4.2 6.2

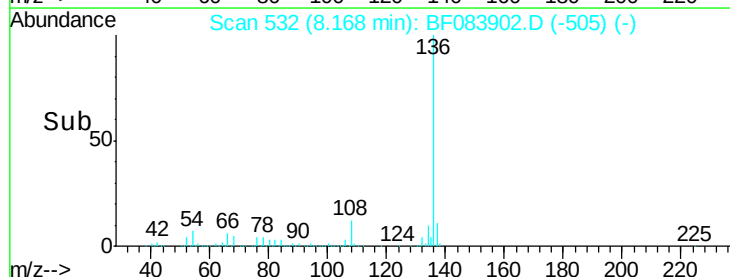


Abundance Ion 136.00 (135.70 to 136.70): E

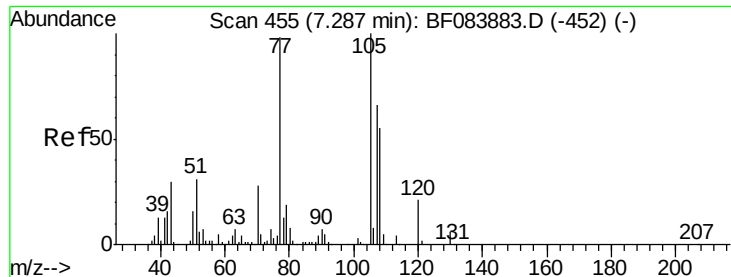
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 24.03 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 237412

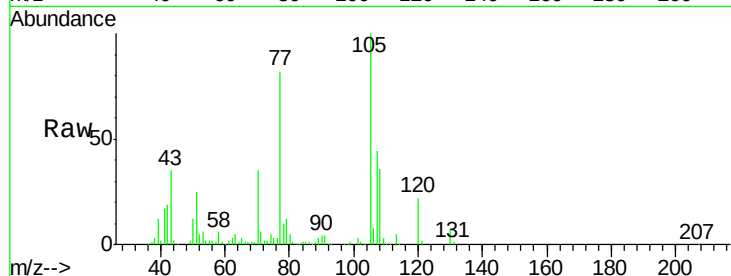
Ion Ratio Lower Upper

105 100

71 6.2 3.7 5.5#

51 24.5 25.1 37.7#

120 21.8 16.6 25.0

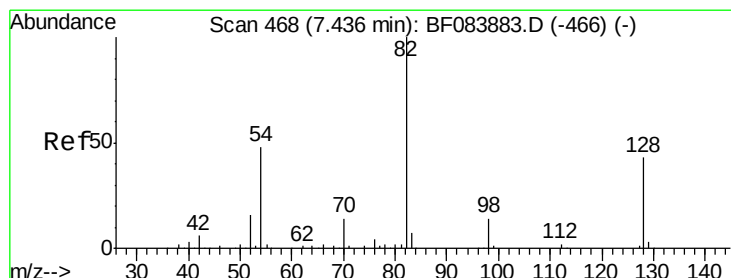
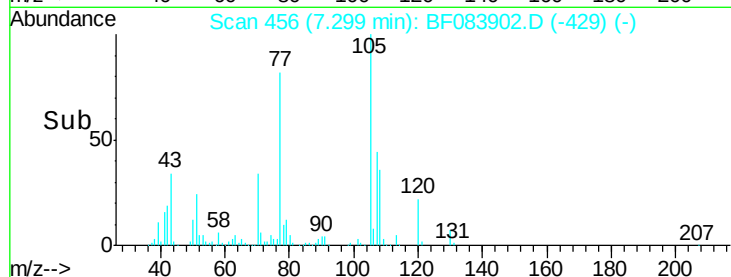
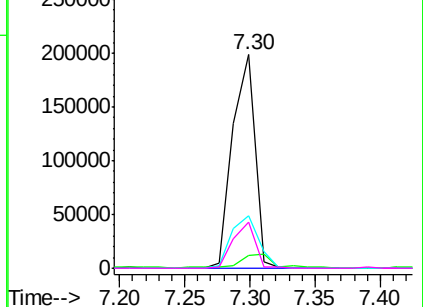


Abundance Ion 105.00 (104.70 to 105.70): E

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: 43.96 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

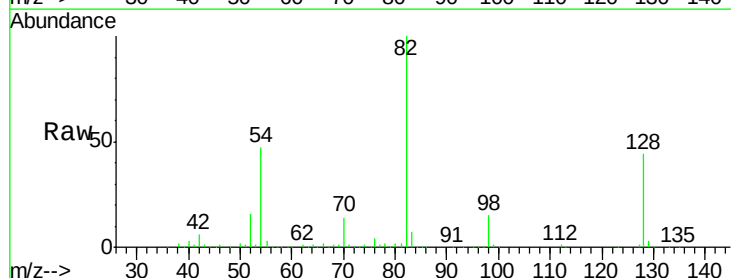
Tgt Ion: 82 Resp: 316128

Ion Ratio Lower Upper

82 100

128 44.3 34.6 51.8

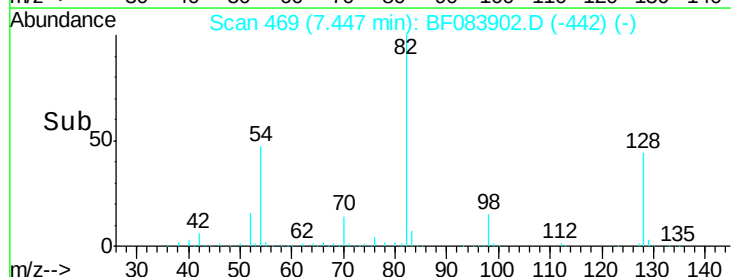
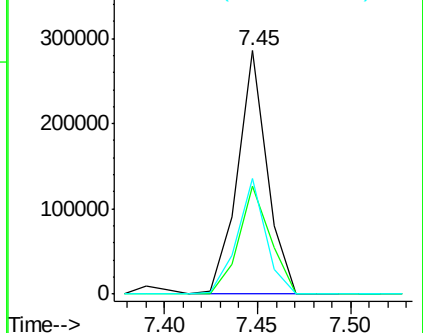
54 47.5 38.4 57.6

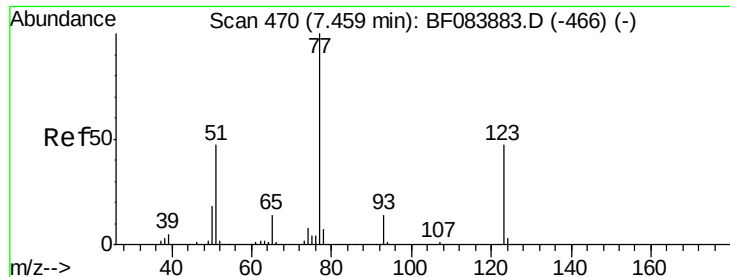


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

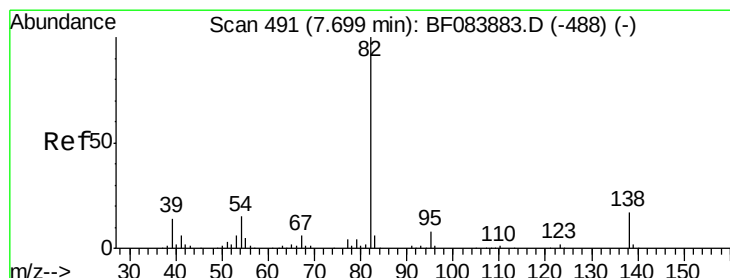
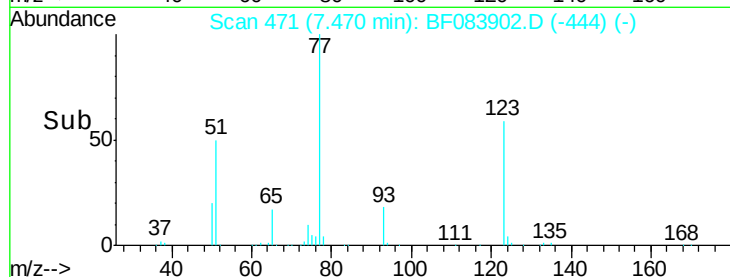
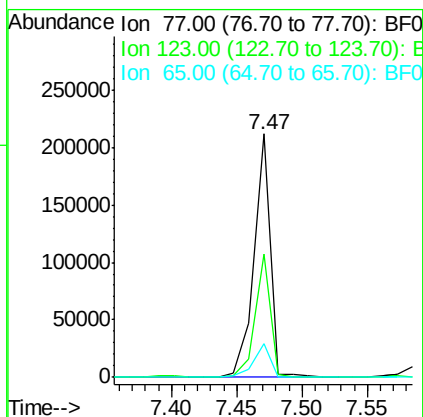
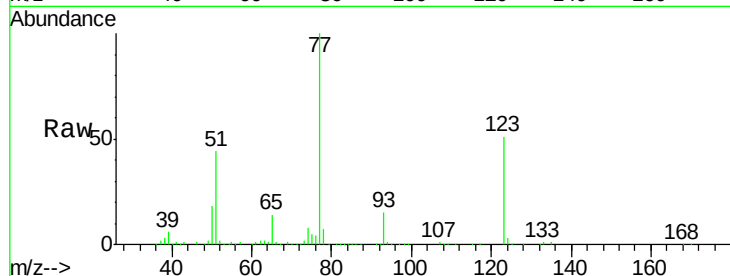




#24
Nitrobenzene
Concen: 24.95 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

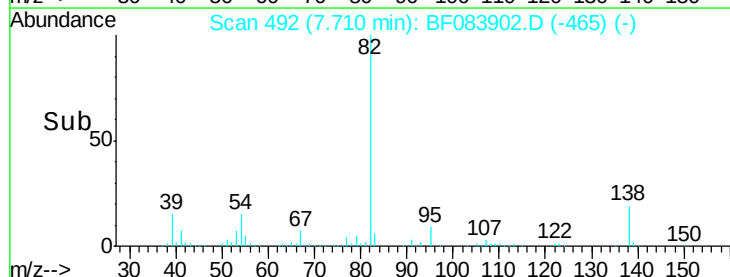
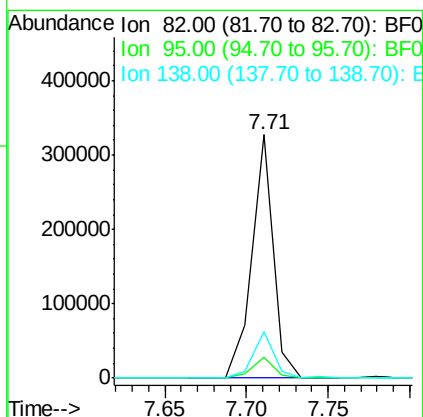
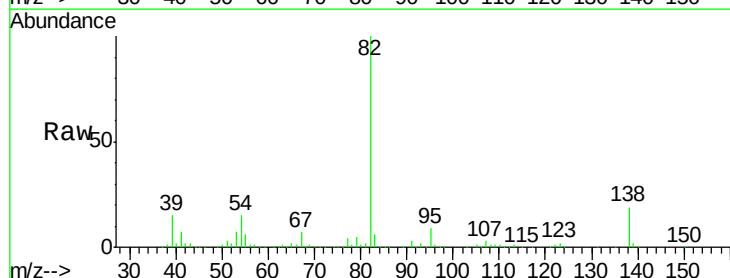
Instrument :
BNA_F
ClientSampled :

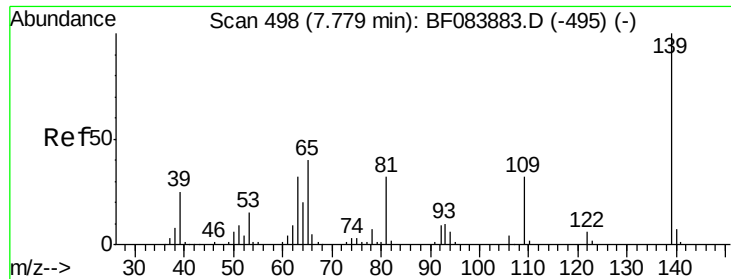
Tot Ion	77	Resp	185521
Ion Ratio	Lower	Upper	
77	100		
123	50.5	37.4	56.2
65	13.7	10.9	16.3



#25
Isophorone
Concen: 22.08 ng
RT: 7.71 min Scan# 492
Delta R.T. 0.01 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Tgt Ion	82	Resp	298786
Ion Ratio	Lower	Upper	
82	100		
95	8.8	6.6	10.0
138	18.9	13.6	20.4

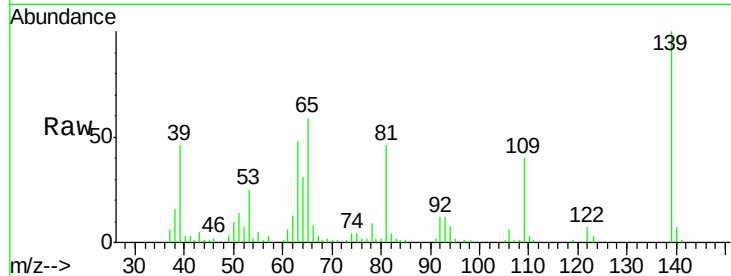




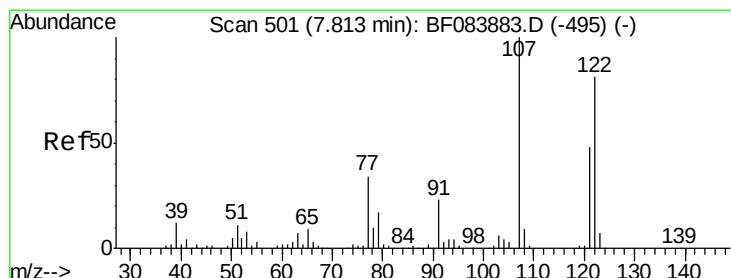
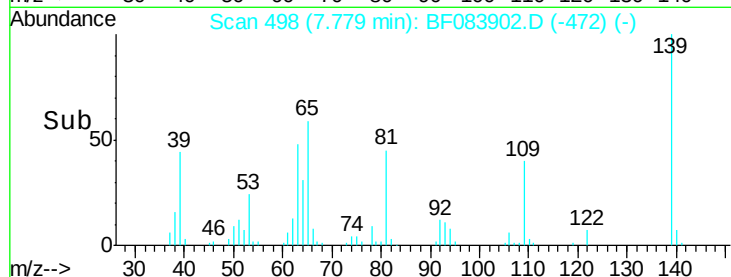
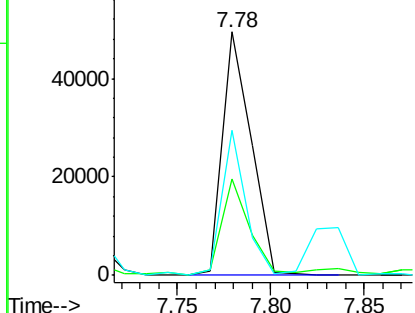
#26
2-Nitrophenol
Concen: 13.88 ng
RT: 7.78 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 53439
Ion Ratio Lower Upper
139 100
109 39.5 25.4 38.2#
65 59.4 32.3 48.5#

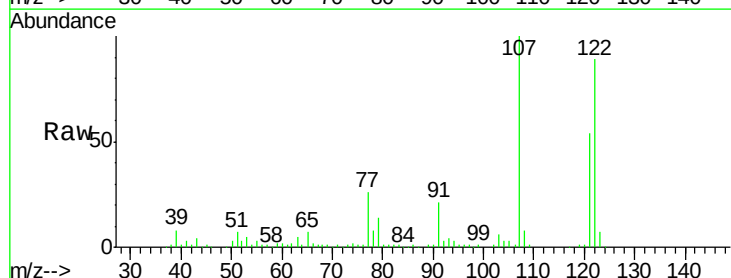


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

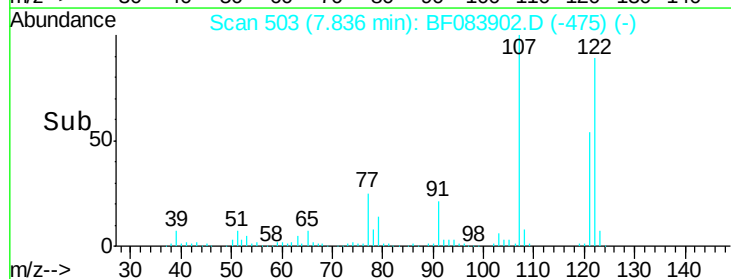
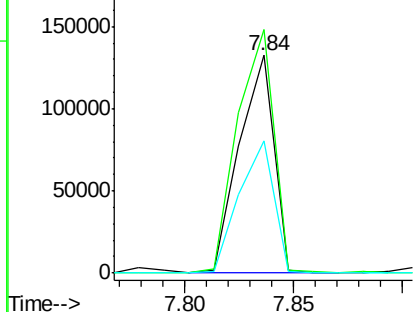


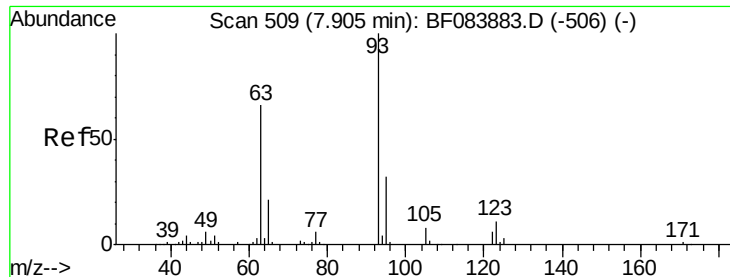
#27
2,4-Dimethylphenol
Concen: 22.12 ng
RT: 7.84 min Scan# 503
Delta R.T. 0.02 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Tgt Ion:122 Resp: 146690
Ion Ratio Lower Upper
122 100
107 112.0 99.1 148.7
121 60.8 47.9 71.9



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

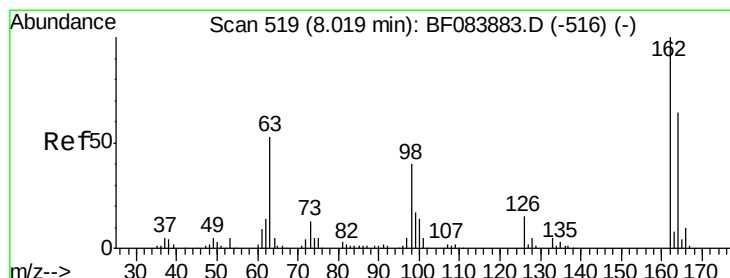
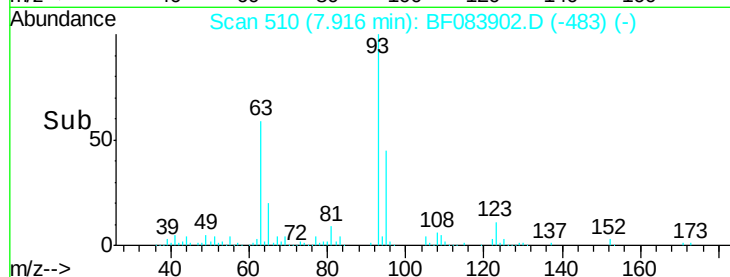
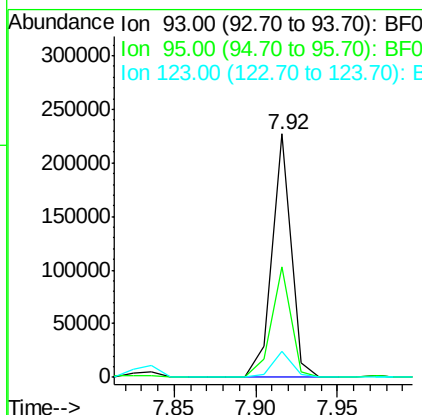
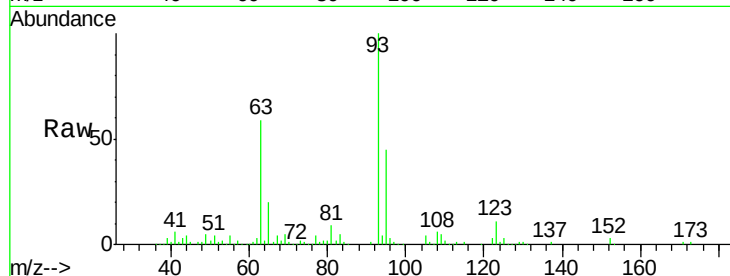




#28
bis(2-Chloroethoxy)methane
Concen: 23.35 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

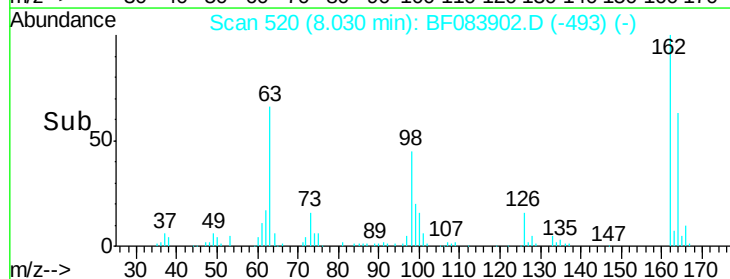
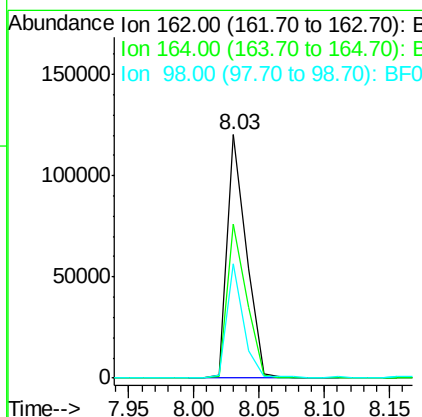
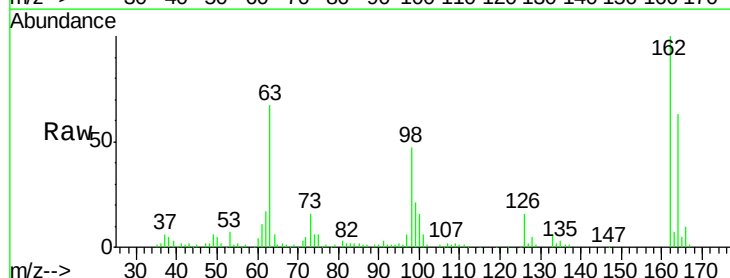
Instrument :
BNA_F
ClientSampleId :

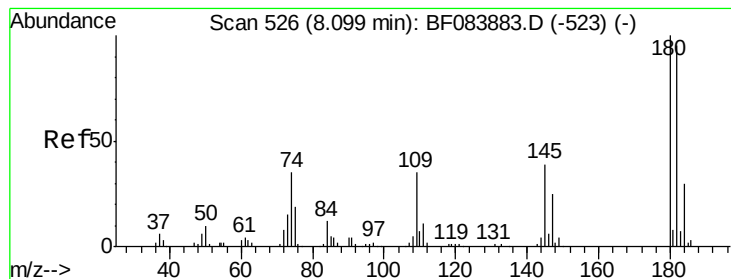
Tot Ion: 93 Resp: 186870
Ion Ratio Lower Upper
93 100
95 45.2 25.8 38.6#
123 10.8 8.6 12.8



#29
2,4-Dichlorophenol
Concen: 20.43 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.01 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Tgt Ion: 162 Resp: 122899
Ion Ratio Lower Upper
162 100
164 63.4 44.1 84.1
98 47.0 20.2 60.2





#30

1,2,4-Trichlorobenzene

Concen: 20.75 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

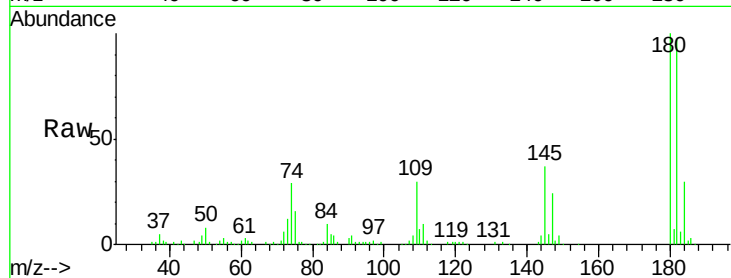
Tot Ion:180 Resp: 134034

Ion Ratio Lower Upper

180 100

182 97.2 76.4 114.6

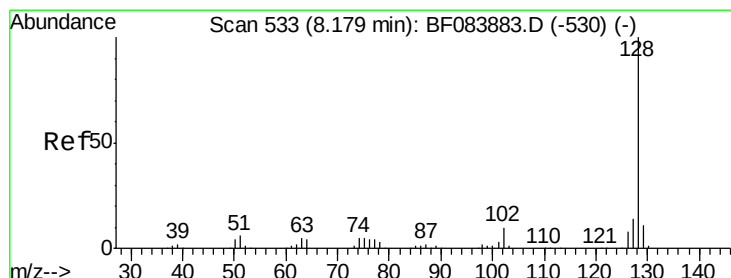
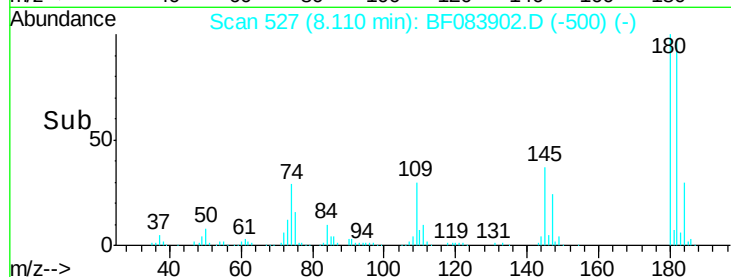
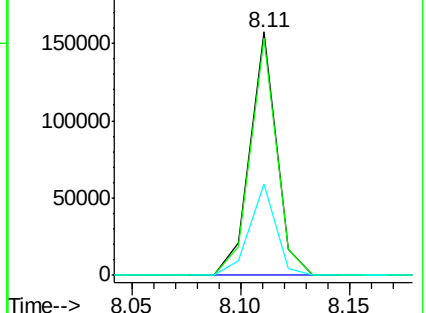
145 37.5 31.6 47.4



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 23.11 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

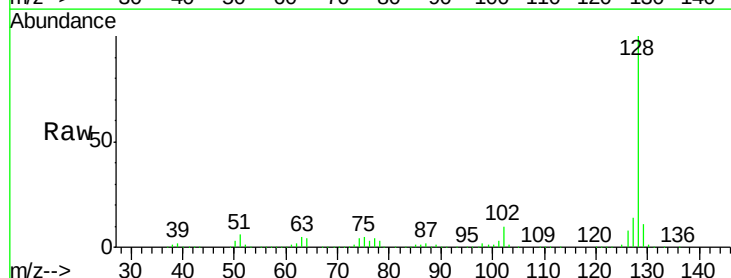
Tgt Ion:128 Resp: 500003

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

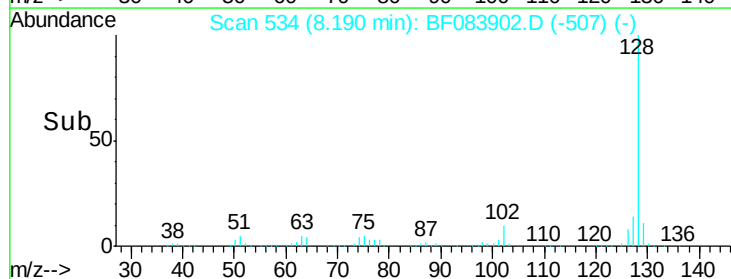
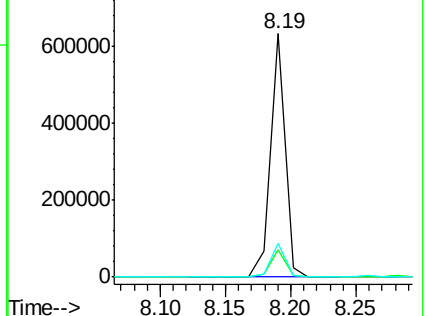
127 13.7 11.1 16.7

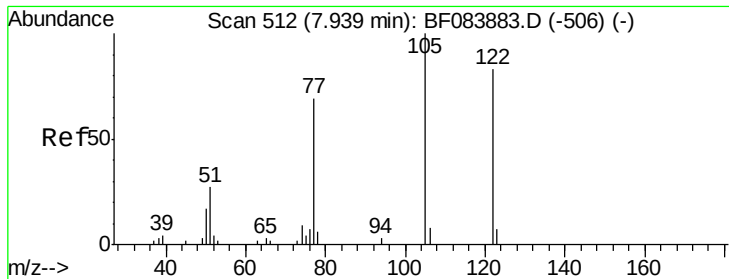


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

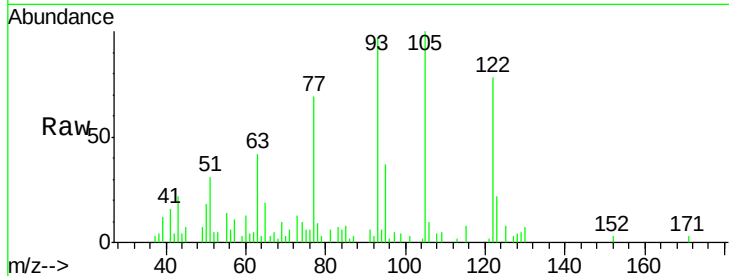




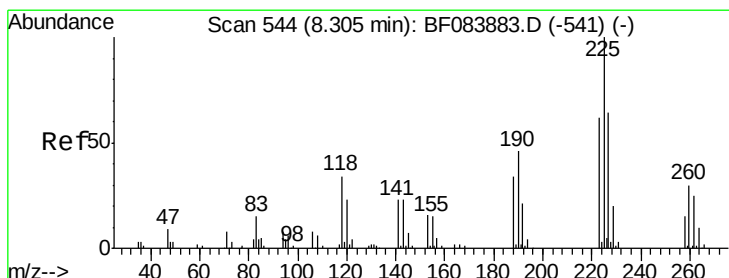
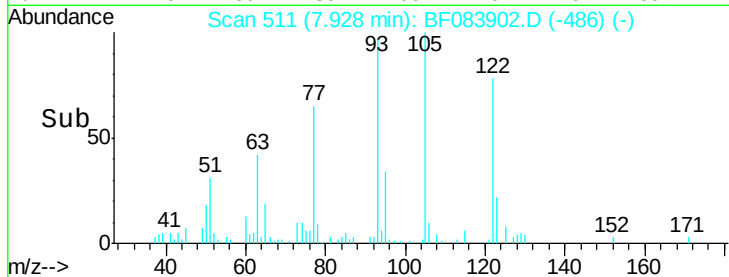
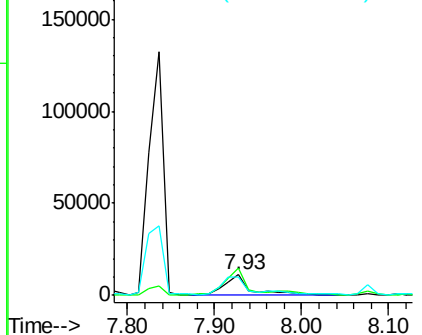
#32
Benzoic acid
Concen: 14.17 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 24113
Ion Ratio Lower Upper
122 100
105 128.7 100.3 140.3
77 88.5 63.5 103.5

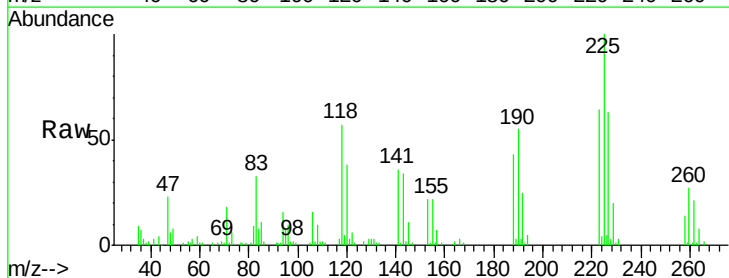


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

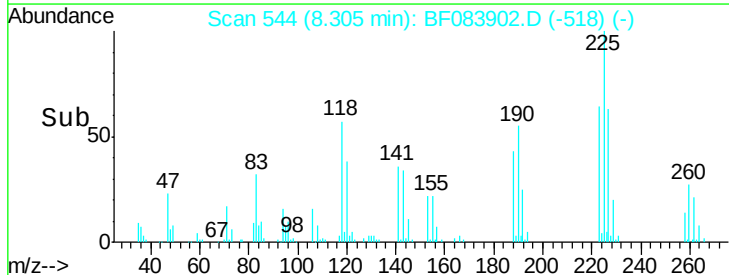
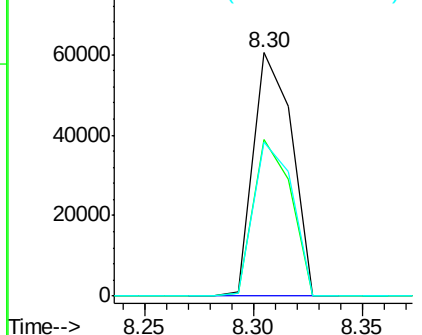


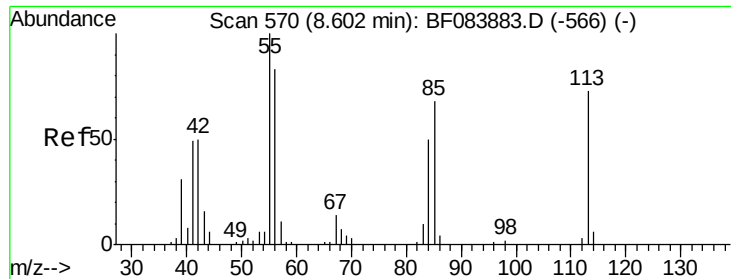
#34
Hexachlorobutadiene
Concen: 18.47 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Tgt Ion:225 Resp: 74523
Ion Ratio Lower Upper
225 100
223 64.3 49.4 74.0
227 63.0 50.8 76.2



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

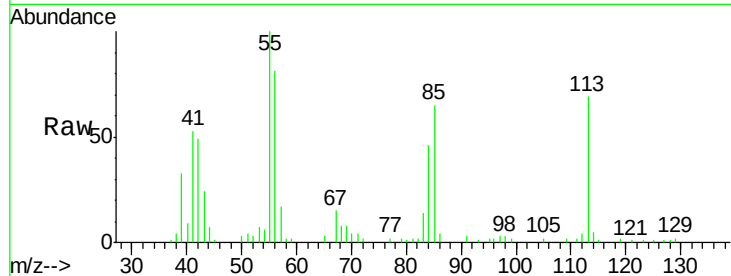




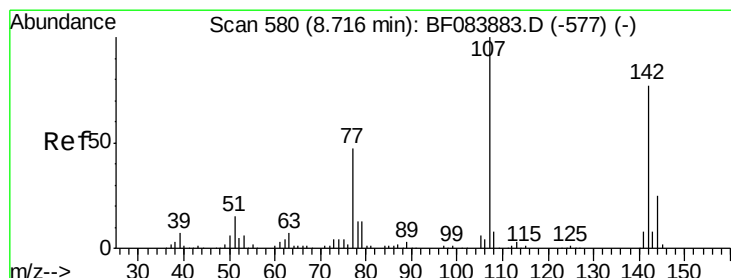
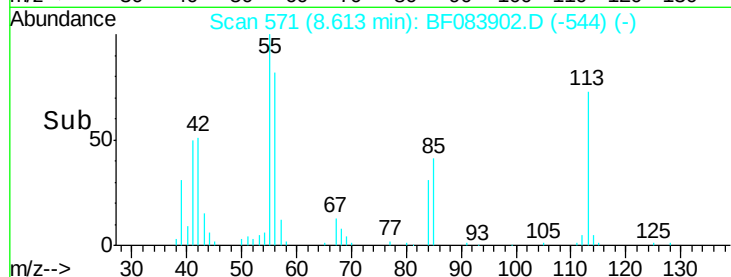
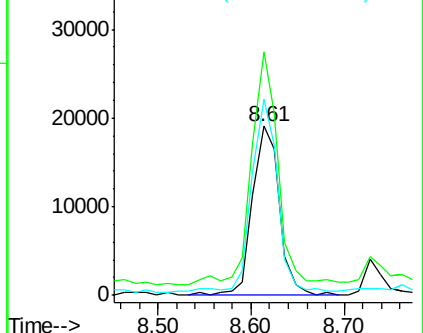
#35
Caprolactam
Concen: 19.33 ng
RT: 8.61 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 38416
Ion Ratio Lower Upper
113 100
55 143.9 116.9 156.9
56 116.0 93.8 133.8

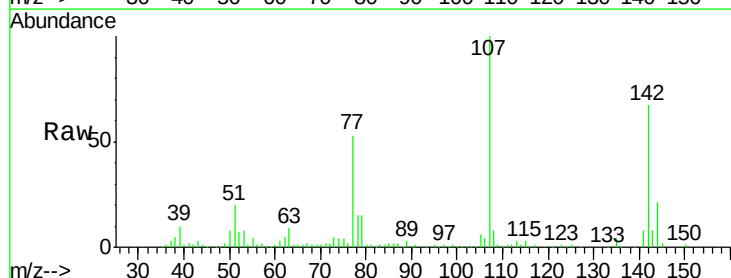


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

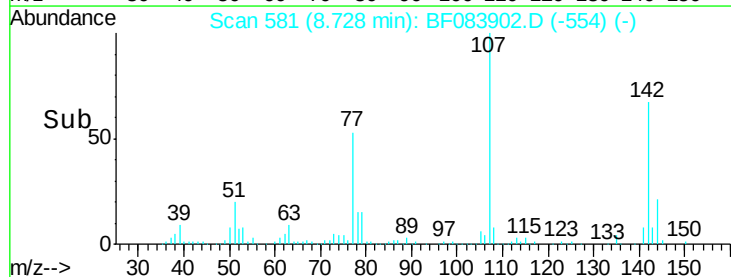
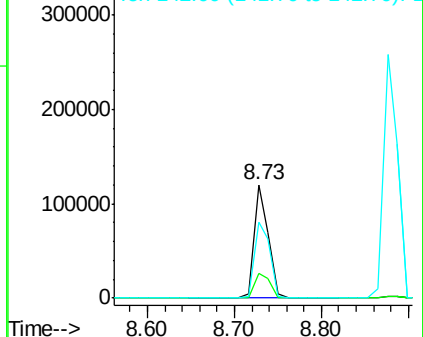


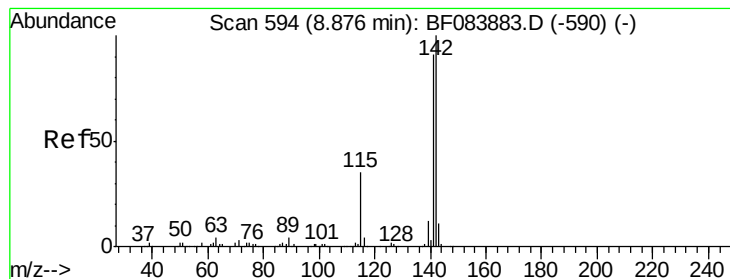
#36
4-Chloro-3-methylphenol
Concen: 19.51 ng
RT: 8.73 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Tgt Ion:107 Resp: 139244
Ion Ratio Lower Upper
107 100
144 21.5 19.7 29.5
142 66.7 61.8 92.6



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





#37

2-Methylnaphthalene

Concen: 19.36 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.10 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

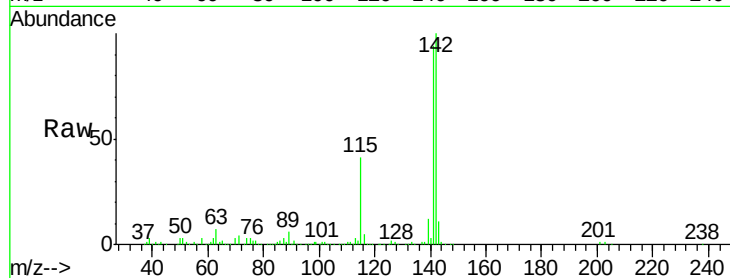
Tot Ion:142 Resp: 276214

Ion Ratio Lower Upper

142 100

141 94.2 72.4 108.6

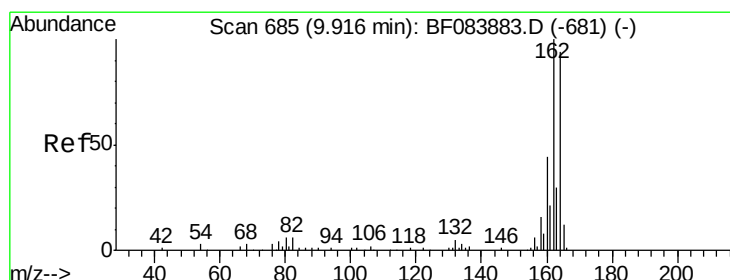
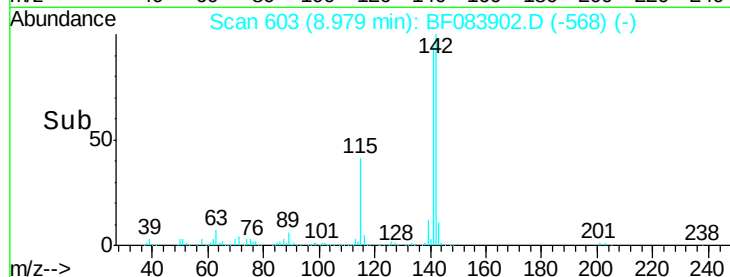
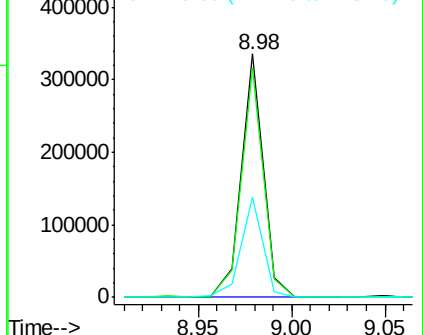
115 41.4 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

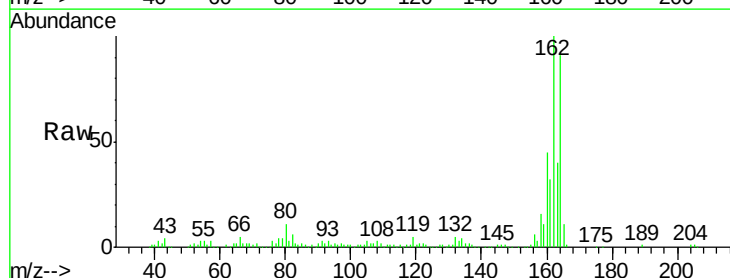
Tgt Ion:164 Resp: 169718

Ion Ratio Lower Upper

164 100

162 109.7 85.1 127.7

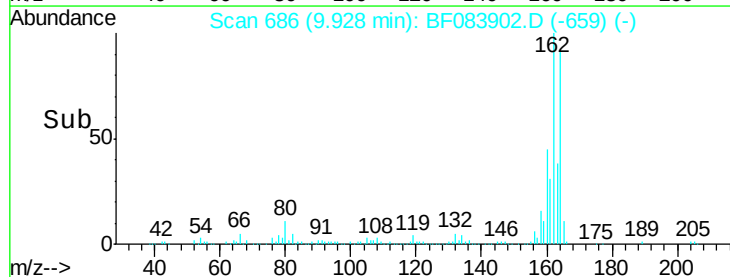
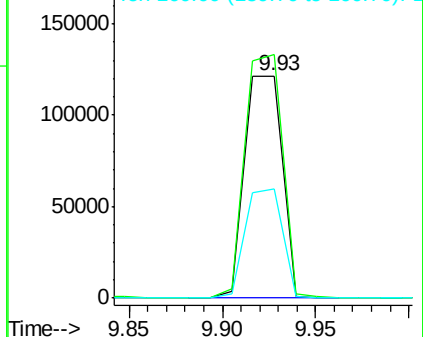
160 49.4 37.5 56.3

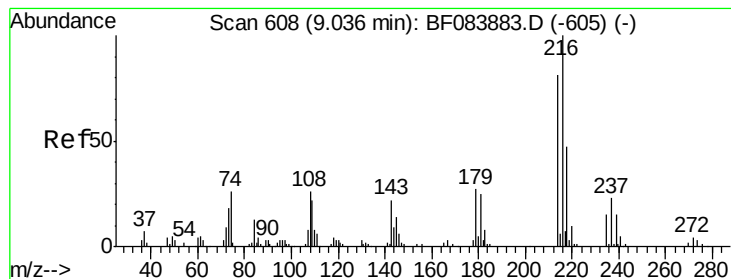


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.74 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 127025

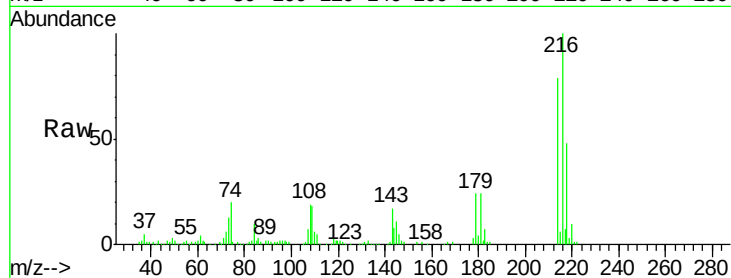
Ion Ratio Lower Upper

216 100

214 79.2 64.2 96.2

179 23.9 18.7 28.1

108 20.3 16.8 25.2

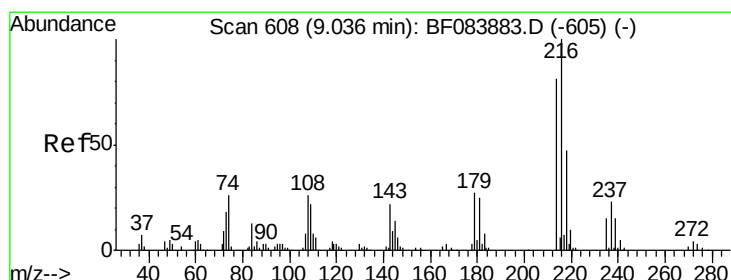
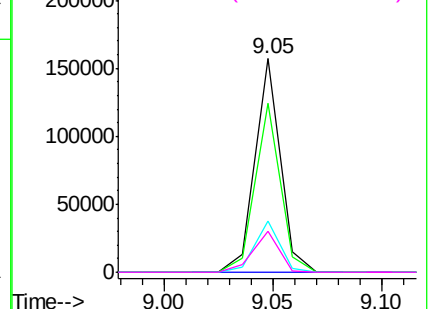
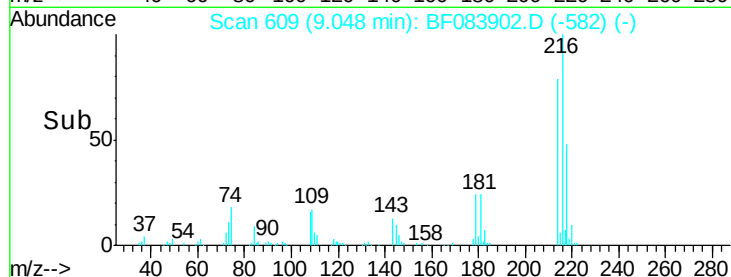


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 8.93 ng

RT: 9.04 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

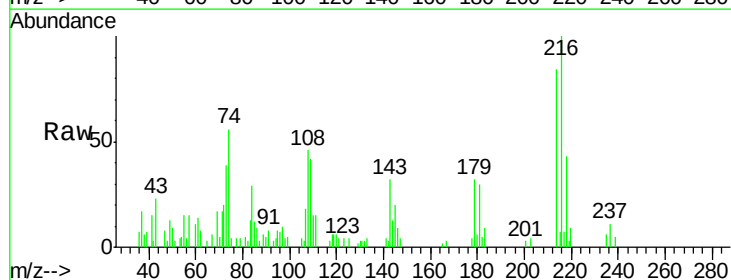
Tgt Ion:237 Resp: 926

Ion Ratio Lower Upper

237 100

235 56.2 43.1 83.1

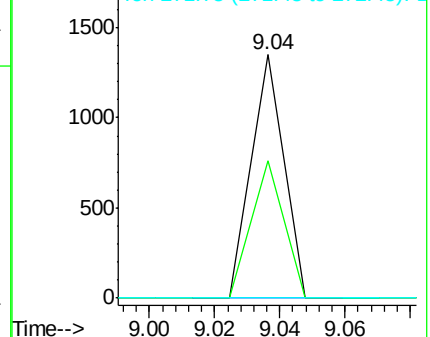
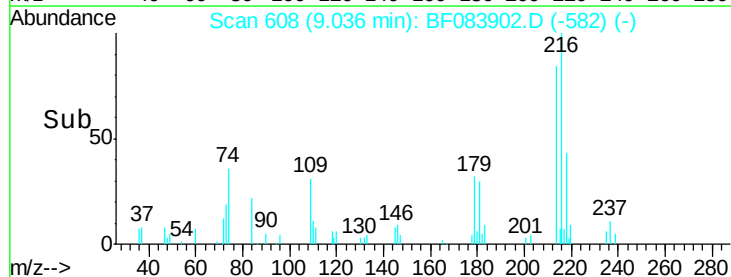
272 0.0 0.0 35.1

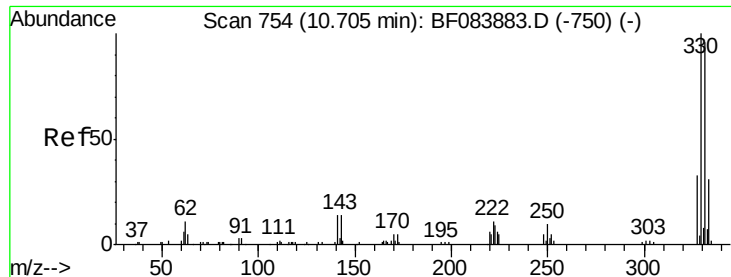


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

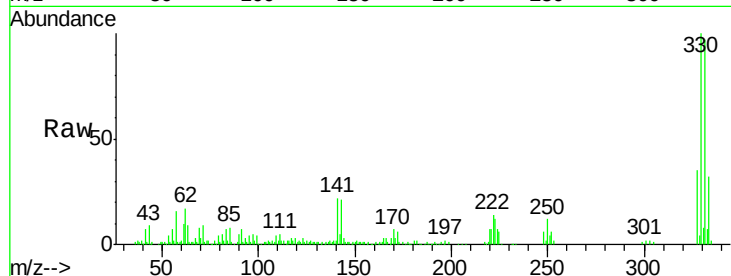




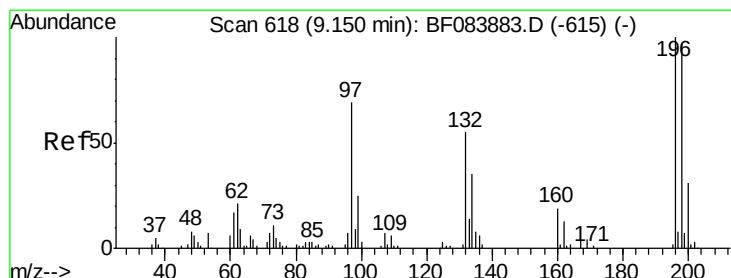
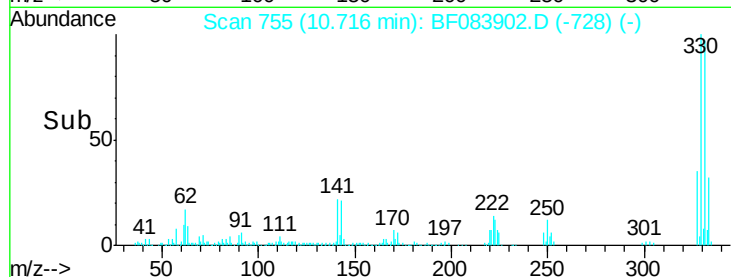
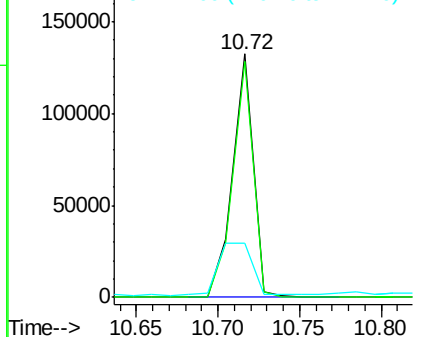
#41
 2,4,6-Tribromophenol
 Concen: 61.74 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: BF083902.D
 Acq: 18 Dec 2015 7:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 115427
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 35.4 27.8 41.6

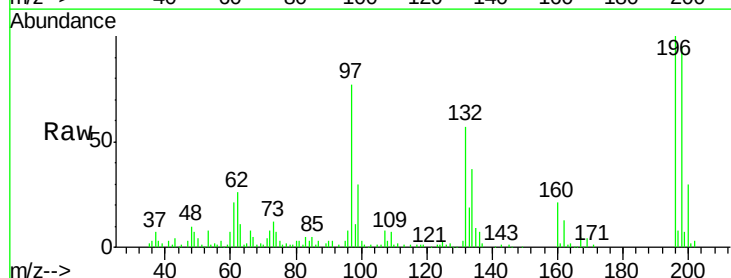


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

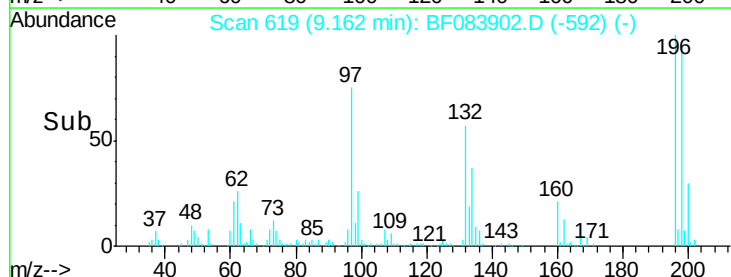
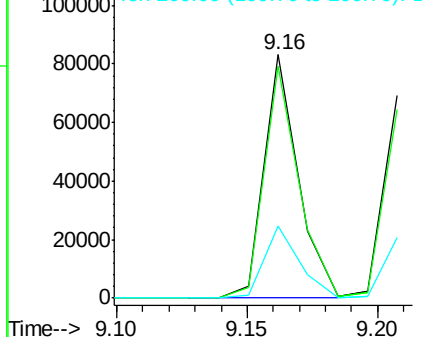


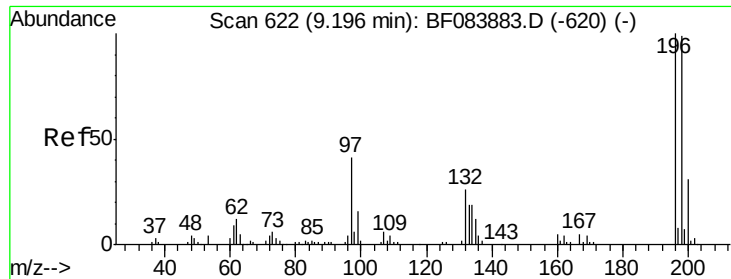
#42
 2,4,6-Trichlorophenol
 Concen: 21.43 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF083902.D
 Acq: 18 Dec 2015 7:36

Tgt Ion:196 Resp: 75731
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.7 116.5
 200 29.6 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

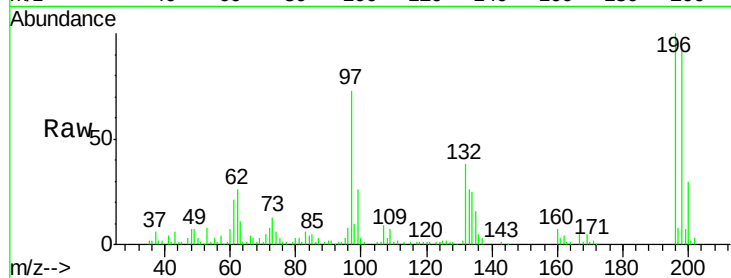




#43
 2,4,5-Trichlorophenol
 Concen: 21.88 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF083902.D
 Acq: 18 Dec 2015 7:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.1	79.0	118.6
97	72.7	33.0	49.6
132	37.7	21.1	31.7



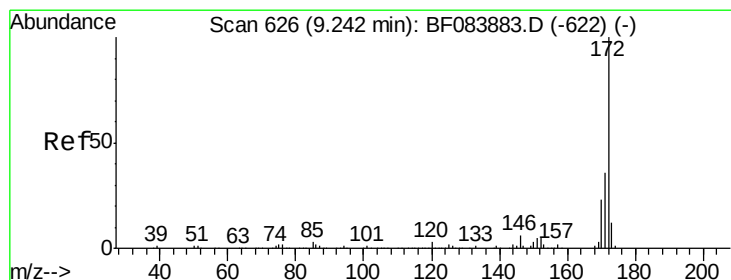
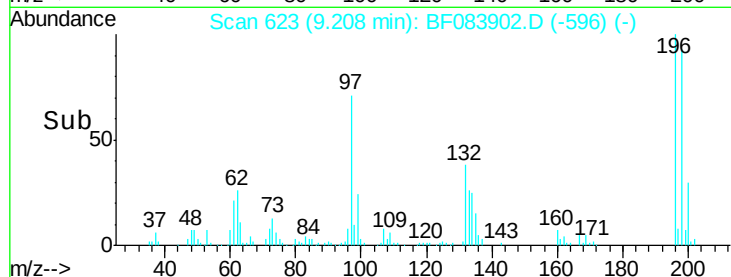
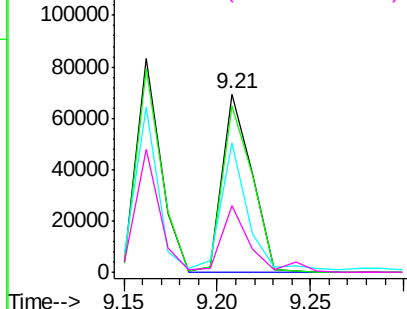
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

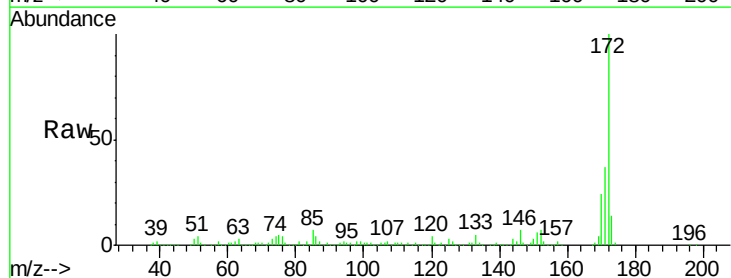
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 42.26 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083902.D
 Acq: 18 Dec 2015 7:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	24.3	18.6	27.8

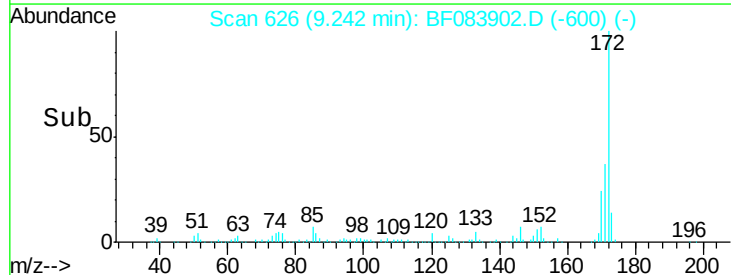
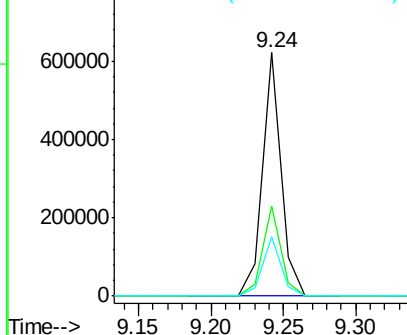


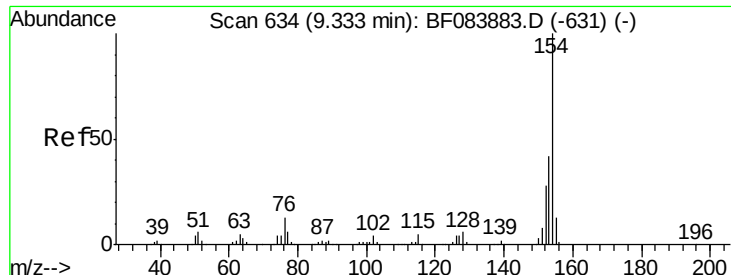
Abundance

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: 25.78 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

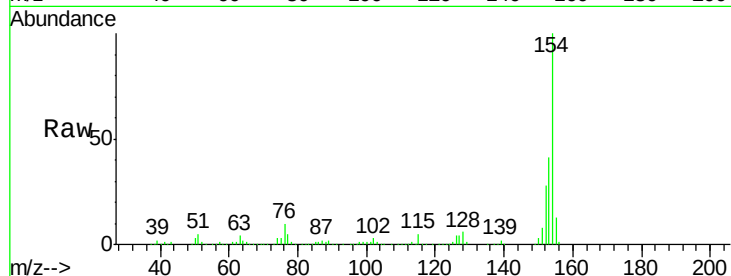
Tot Ion:154 Resp: 377390

Ion Ratio Lower Upper

154 100

153 40.9 21.6 61.6

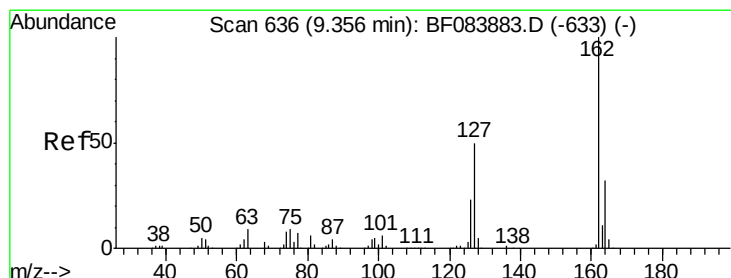
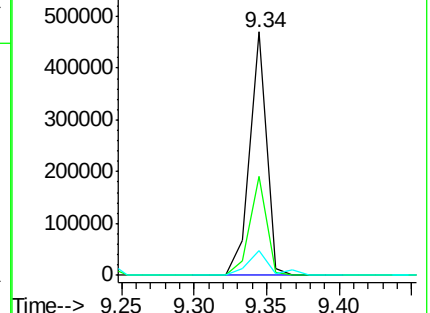
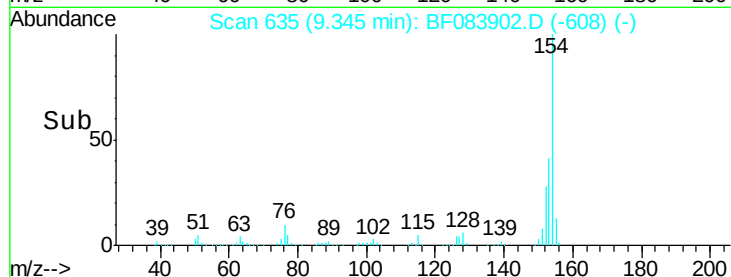
76 10.3 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 22.13 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

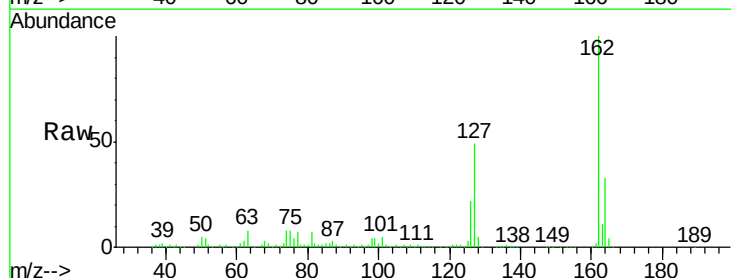
Tgt Ion:162 Resp: 256731

Ion Ratio Lower Upper

162 100

127 49.0 40.2 60.4

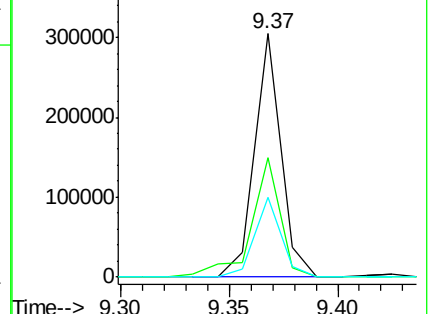
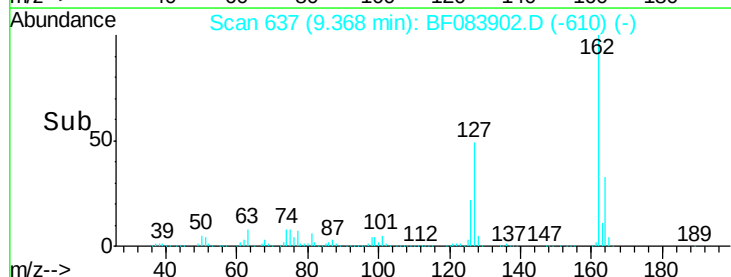
164 32.7 25.7 38.5

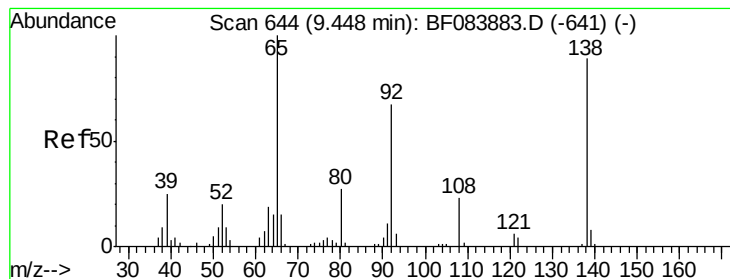


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 22.69 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

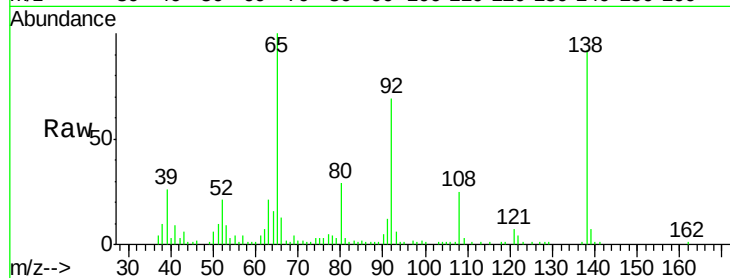
Tot Ion: 65 Resp: 76142

Ion Ratio Lower Upper

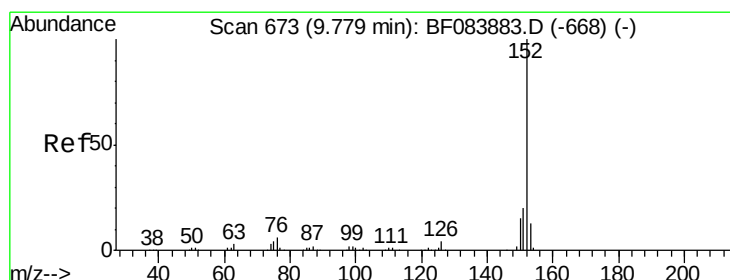
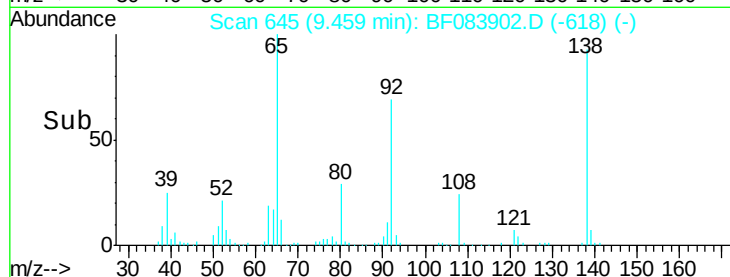
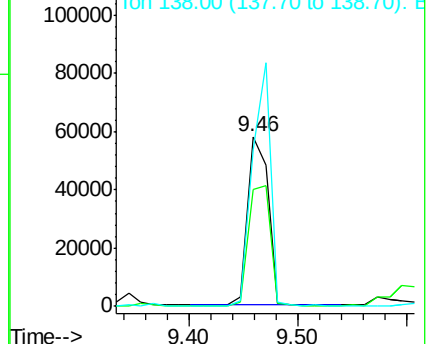
65 100

92 68.6 53.4 80.2

138 92.0 71.1 106.7



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



#48

Acenaphthylene

Concen: 19.98 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

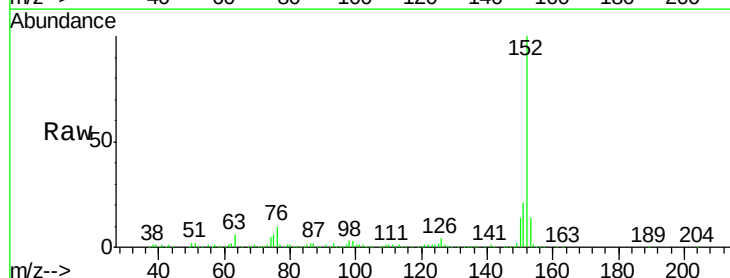
Tgt Ion: 152 Resp: 395301

Ion Ratio Lower Upper

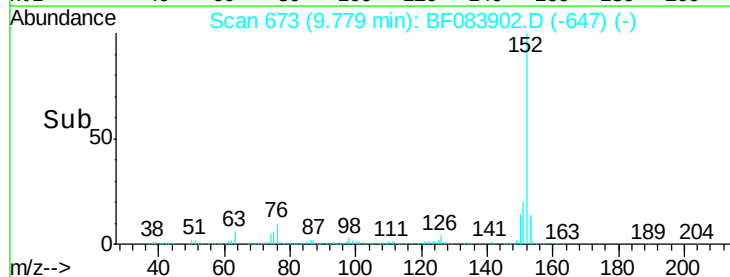
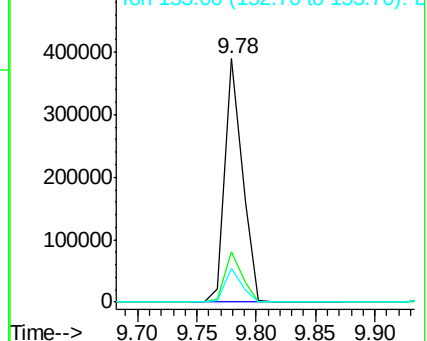
152 100

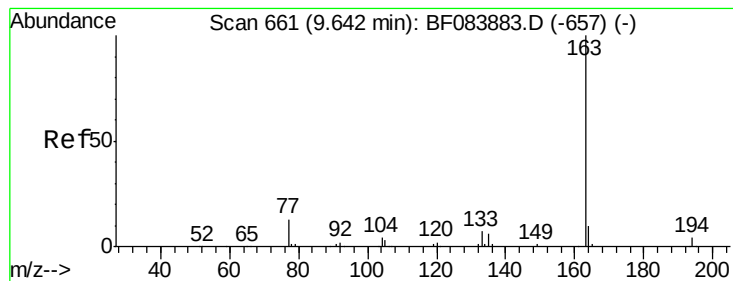
151 20.5 16.3 24.5

153 13.6 10.4 15.6



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





#49

Dimethylphthalate

Concen: 31.23 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampled :

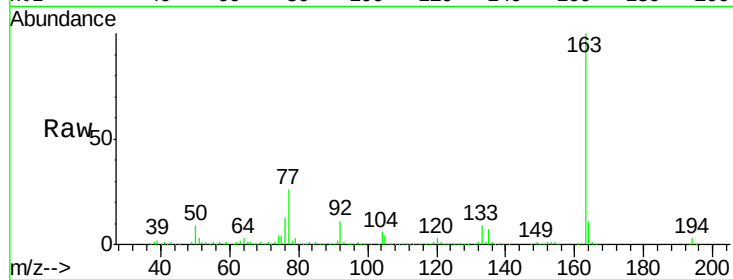
Tot Ion:163 Resp: 444799

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.6

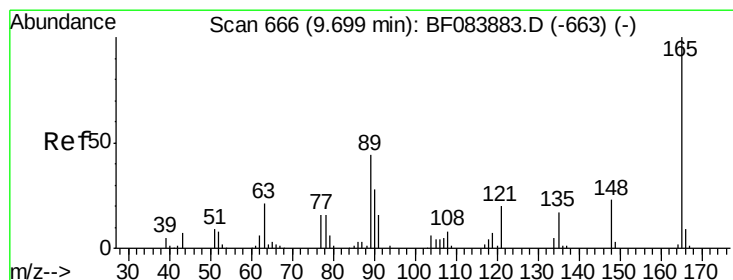
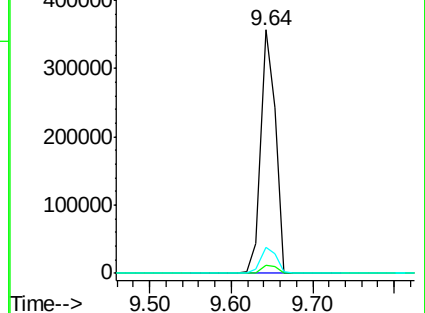
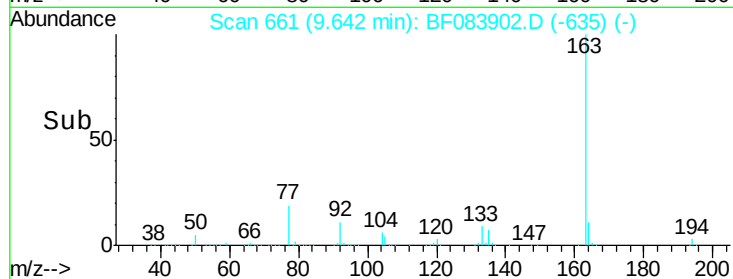
164 10.8 7.9 11.9



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: 18.29 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

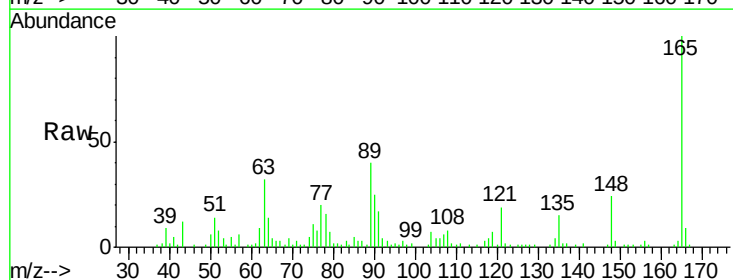
Tgt Ion:165 Resp: 56804

Ion Ratio Lower Upper

165 100

63 31.6 28.8 43.2

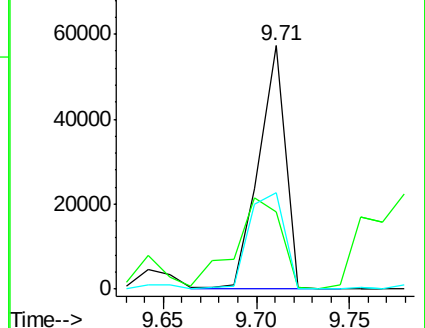
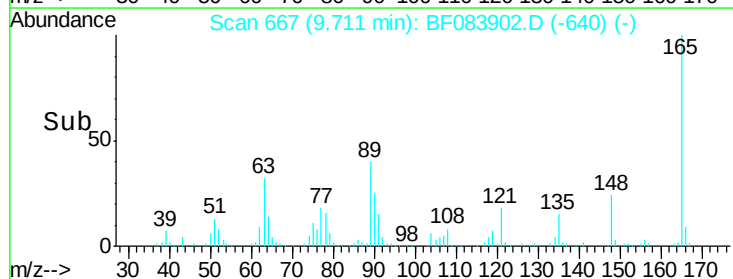
89 39.8 35.1 52.7

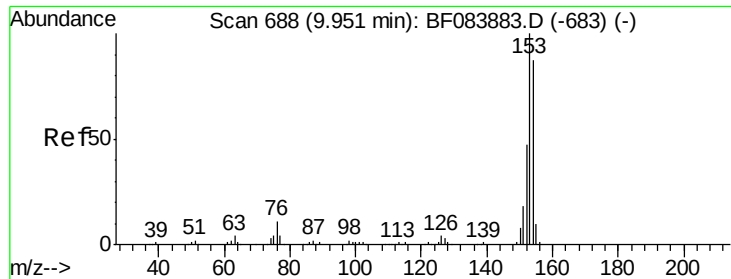


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 18.54 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

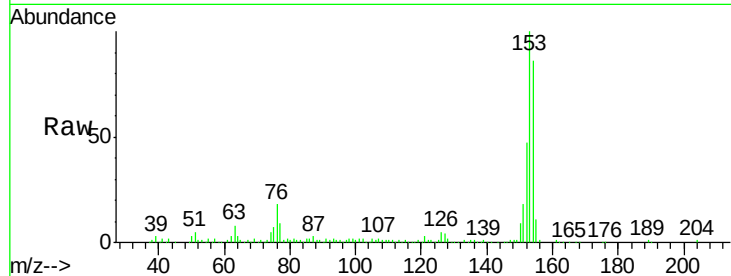
Tot Ion:154 Resp: 225573

Ion Ratio Lower Upper

154 100

153 115.9 91.5 137.3

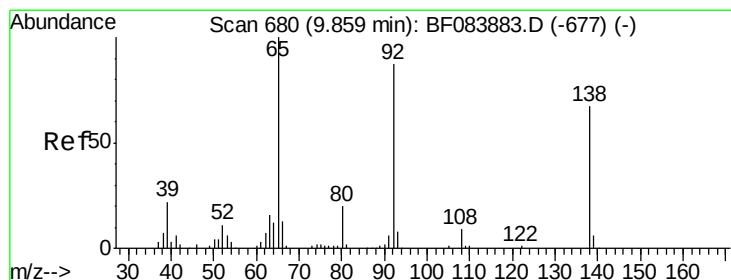
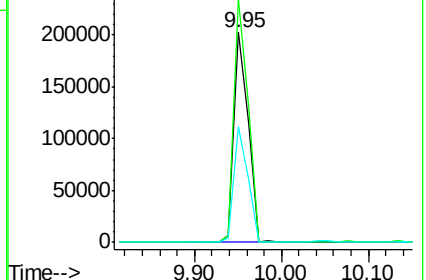
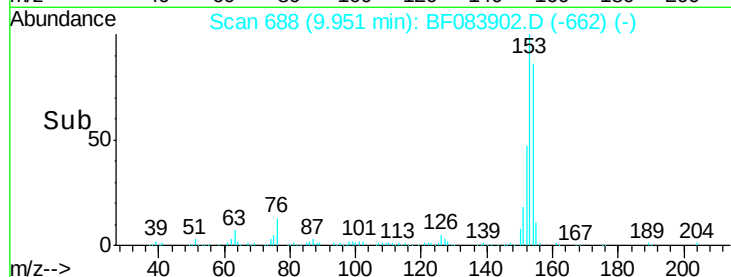
152 55.0 43.0 64.6



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: 4.92 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

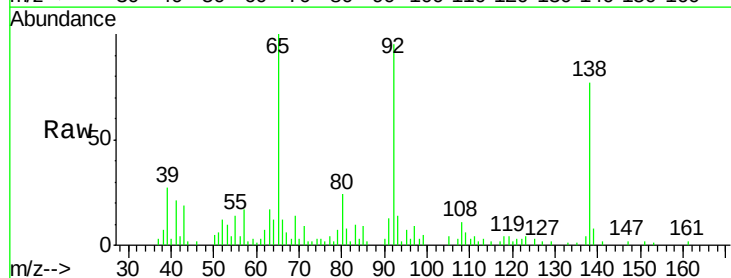
Tgt Ion:138 Resp: 16124

Ion Ratio Lower Upper

138 100

108 14.8 10.5 15.7

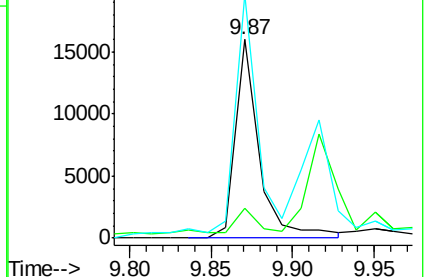
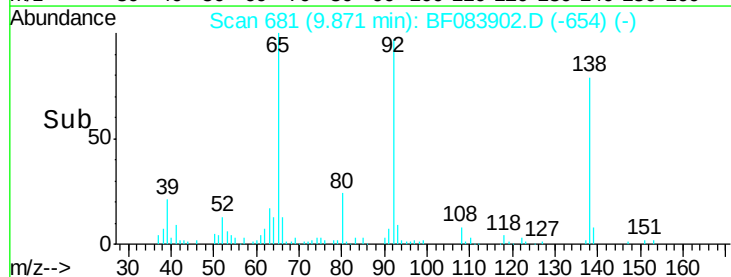
92 122.6 103.9 155.9

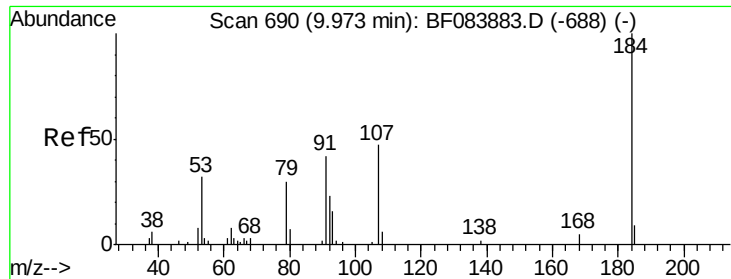


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

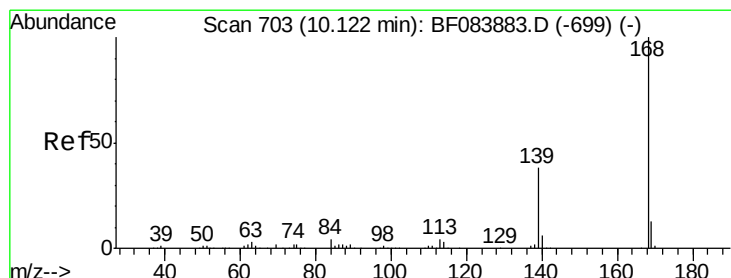
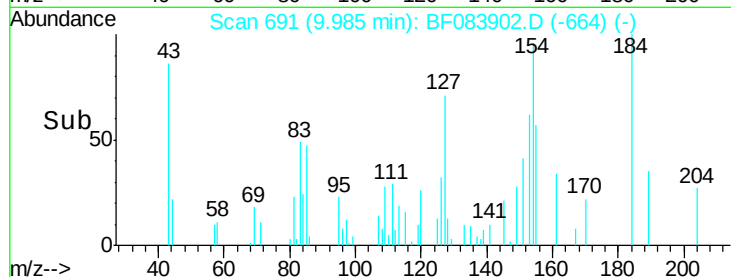
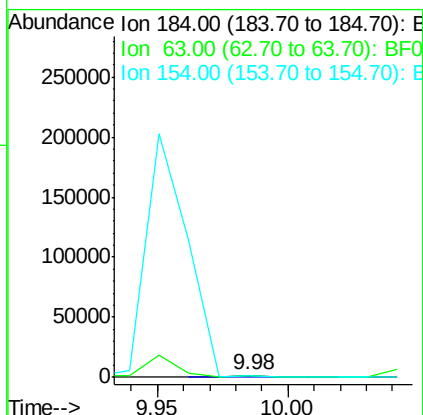
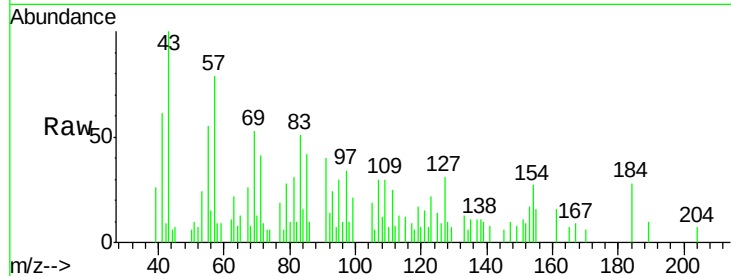




#53
2,4-Dinitrophenol
Concen: 11.38 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

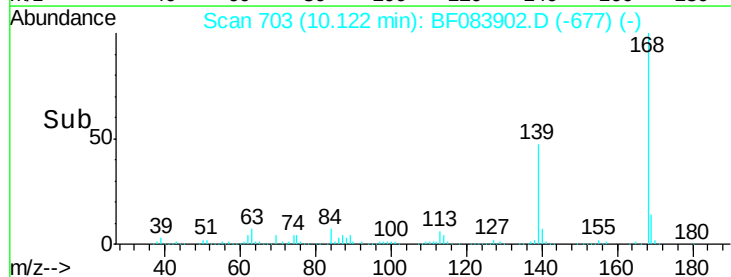
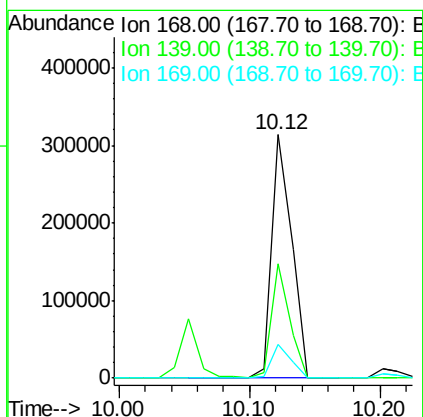
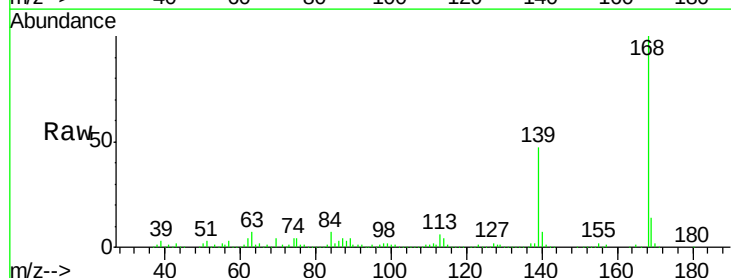
Instrument :
BNA_F
ClientSampled :

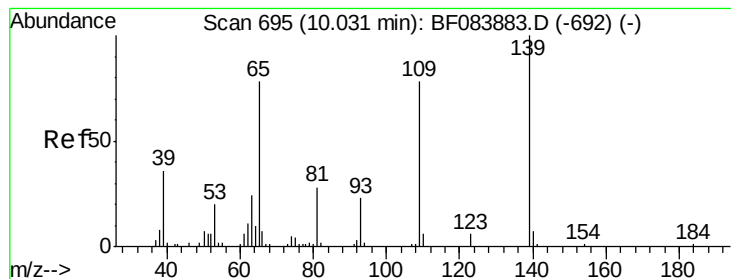
Tot Ion:184 Resp: 1389
Ion Ratio Lower Upper
184 100
63 78.8 43.1 64.7#
154 96.3 60.5 90.7#



#54
Dibenzofuran
Concen: 21.42 ng
RT: 10.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Tgt Ion:168 Resp: 338474
Ion Ratio Lower Upper
168 100
139 46.9 30.5 45.7#
169 13.7 10.4 15.6





#55

4-Nitrophenol

Concen: 35.21 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.02 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

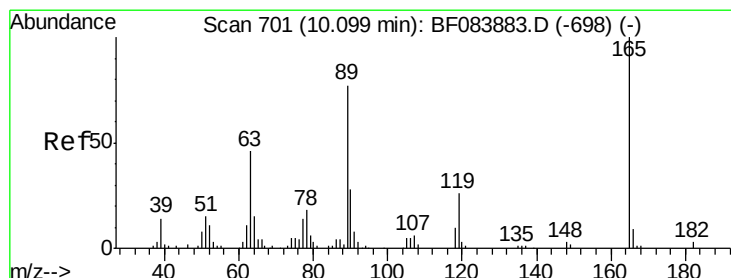
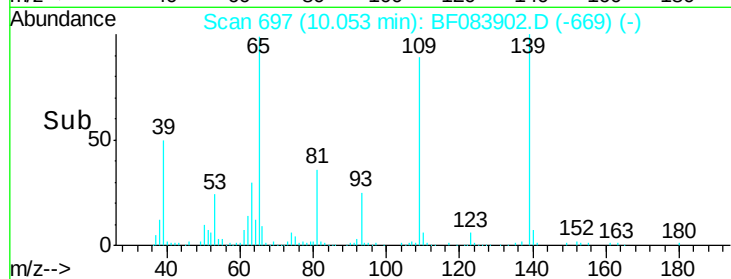
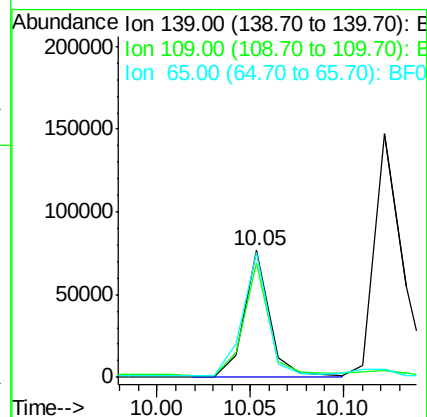
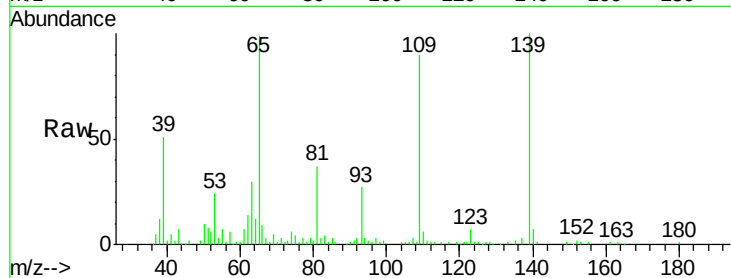
Tot Ion:139 Resp: 71981

Ion Ratio Lower Upper

139 100

109 90.1 58.5 98.5

65 98.8 57.6 97.6#



#56

2,4-Dinitrotoluene

Concen: 17.73 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Tgt Ion:165 Resp: 70592

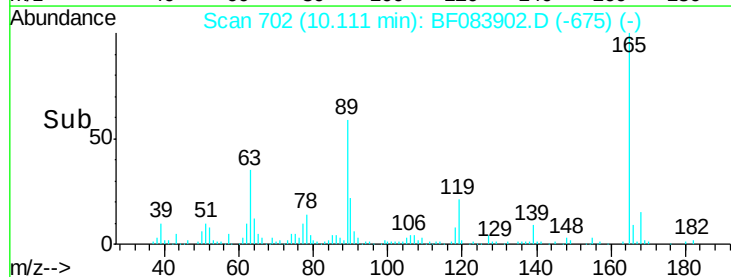
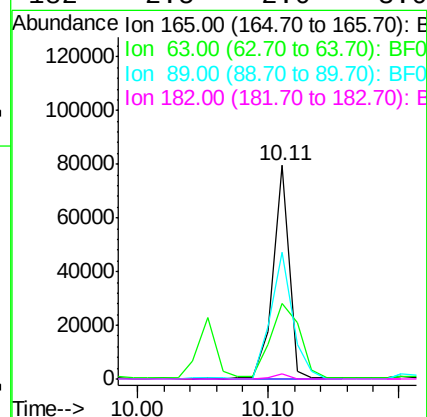
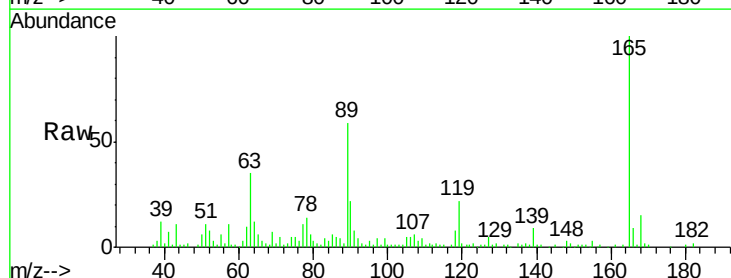
Ion Ratio Lower Upper

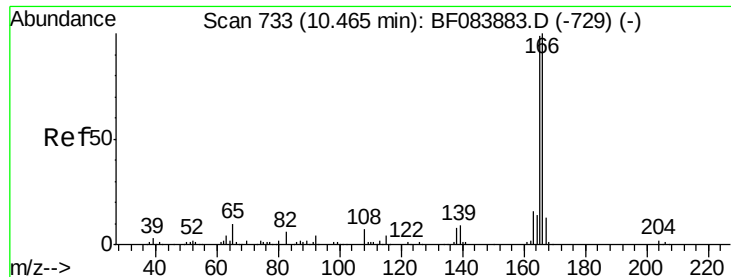
165 100

63 35.1 36.7 55.1#

89 59.3 61.9 92.9#

182 2.5 2.0 3.0





#57

Fluorene

Concen: 19.56 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

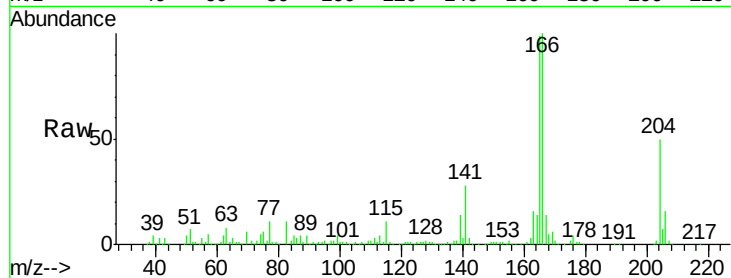
Tot Ion:166 Resp: 255480

Ion Ratio Lower Upper

166 100

165 99.2 79.1 118.7

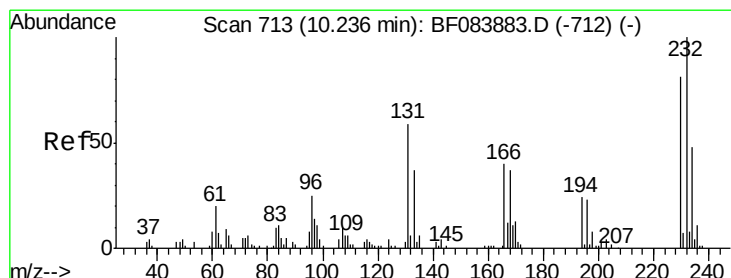
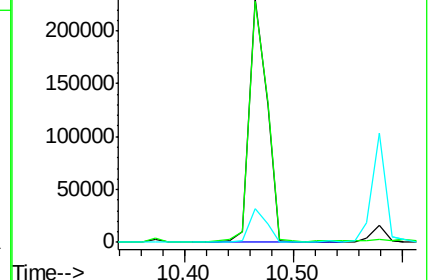
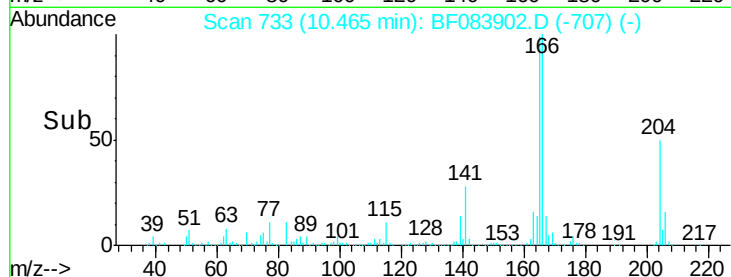
167 14.0 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.87 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Tgt Ion:232 Resp: 53991

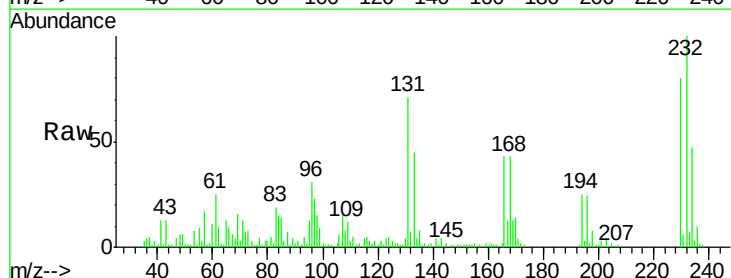
Ion Ratio Lower Upper

232 100

131 58.7 47.0 70.6

130 3.2 2.0 3.0#

166 38.0 30.5 45.7

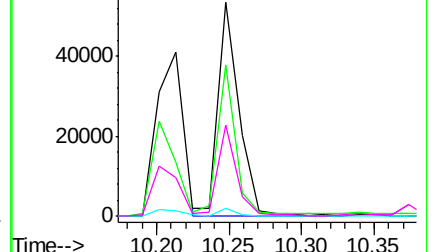
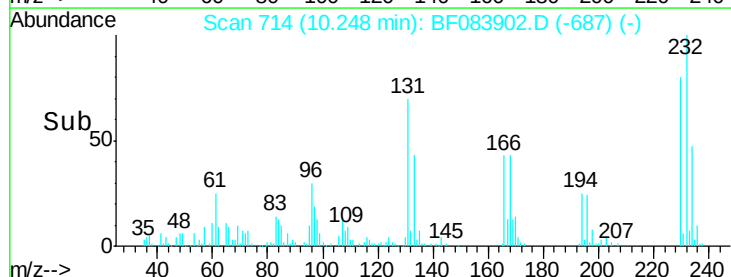


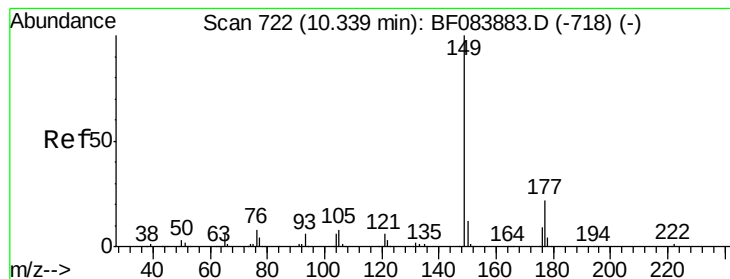
Abundance Ion 232.00 (231.70 to 232.70): E

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: 19.99 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

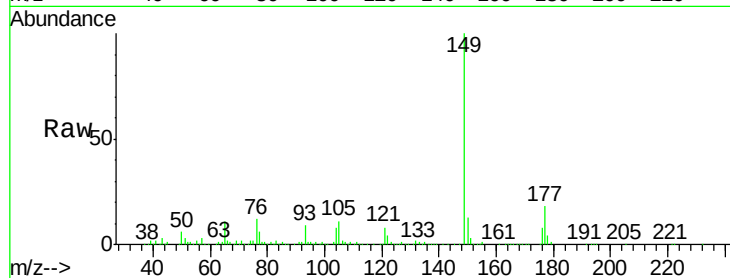
Tot Ion:149 Resp: 294364

Ion Ratio Lower Upper

149 100

177 18.5 17.3 25.9

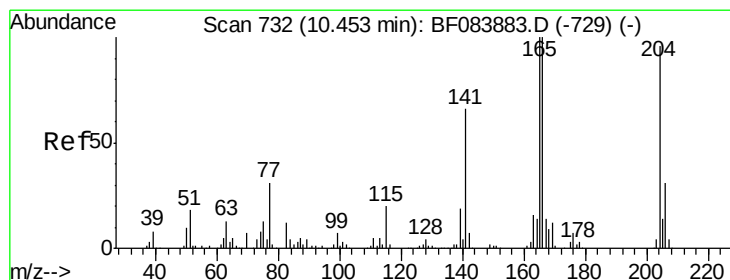
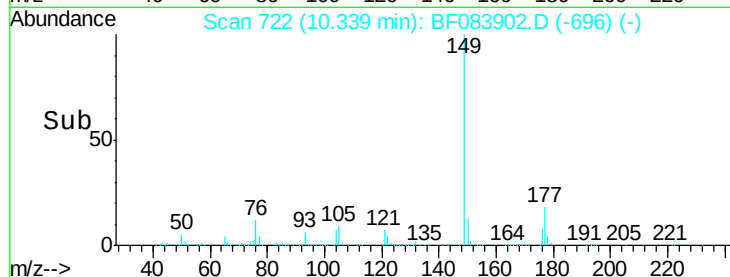
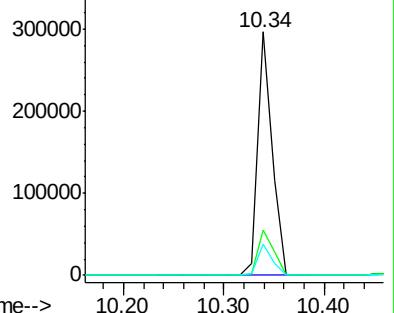
150 12.8 9.8 14.8



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: 20.42 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

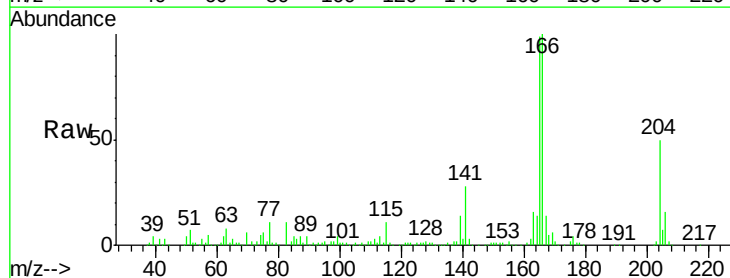
Tgt Ion:204 Resp: 123679

Ion Ratio Lower Upper

204 100

206 32.8 25.7 38.5

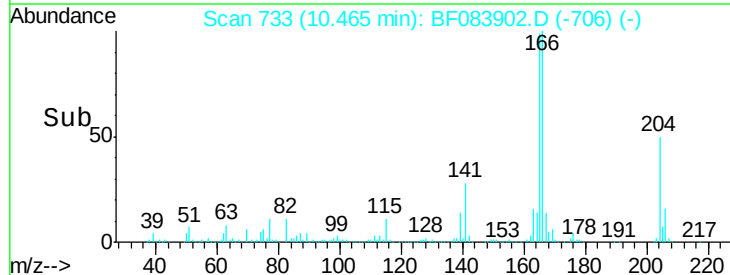
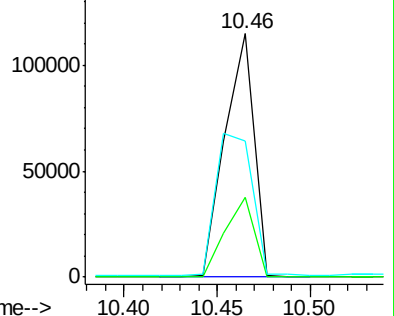
141 55.8 55.1 82.7

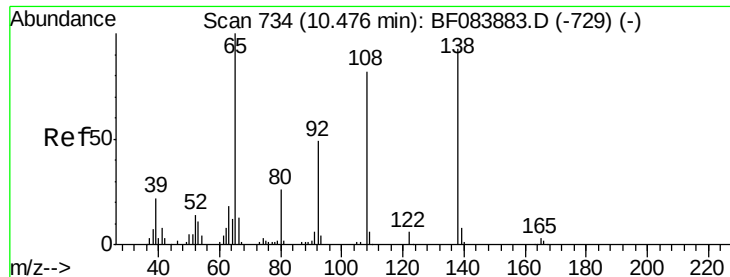


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

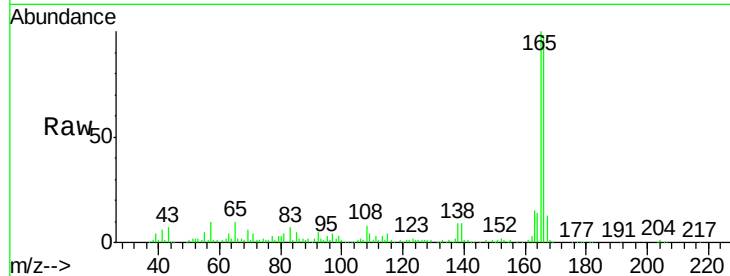




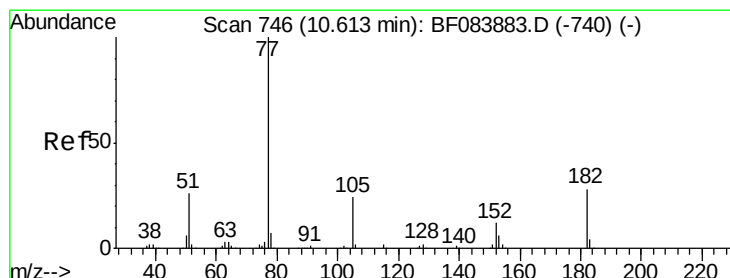
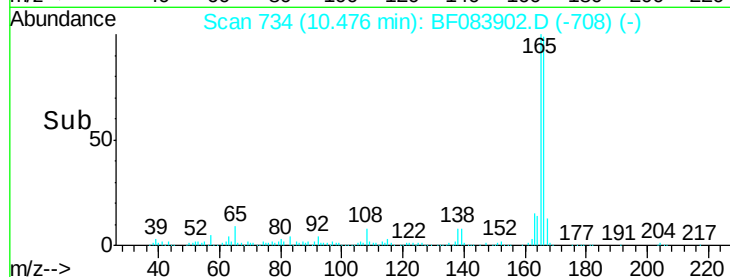
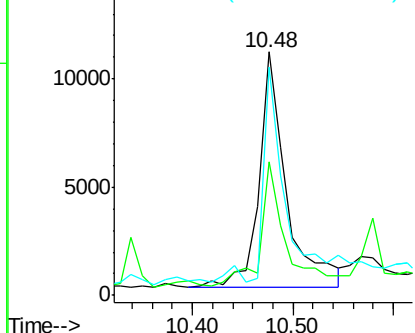
#61
4-Nitroaniline
Concen: 6.09 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 20647
Ion Ratio Lower Upper
138 100
92 54.9 32.6 72.6
108 93.6 68.6 108.6



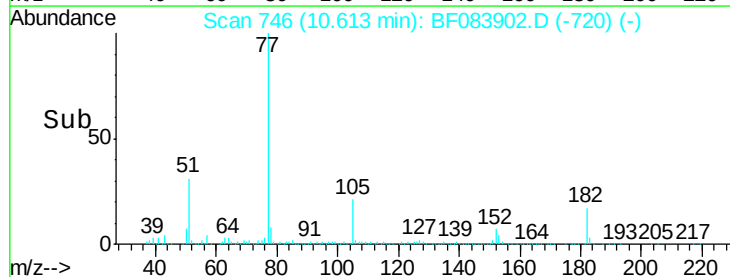
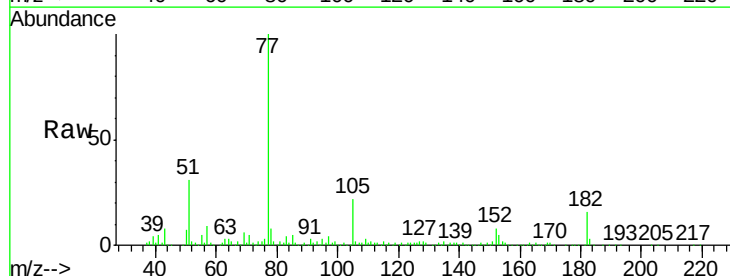
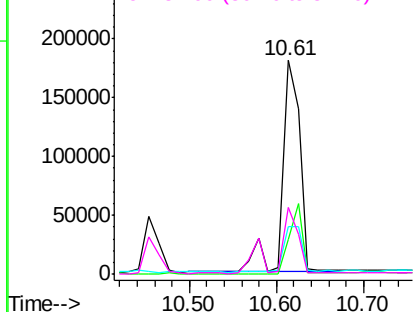
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

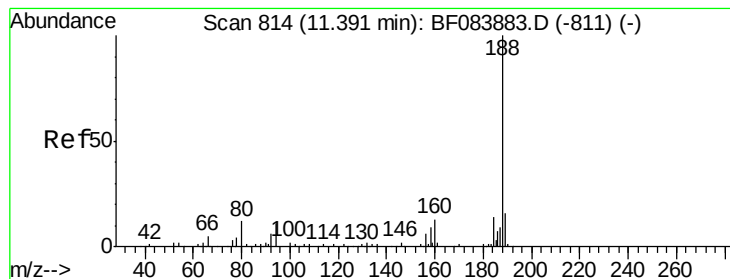


#62
Azobenzene
Concen: 20.50 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Tgt Ion: 77 Resp: 253040
Ion Ratio Lower Upper
77 100
182 16.4 8.3 48.3
105 21.9 4.6 44.6
51 31.3 6.2 46.2

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.02 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampled :

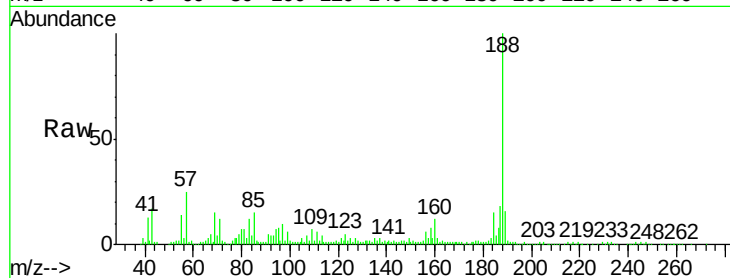
Tot Ion:188 Resp: 252081

Ion Ratio Lower Upper

188 100

94 7.2 9.0 13.4#

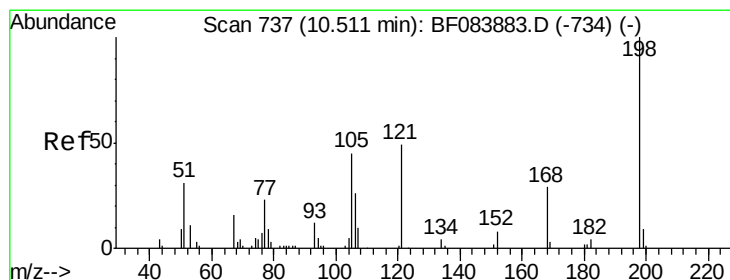
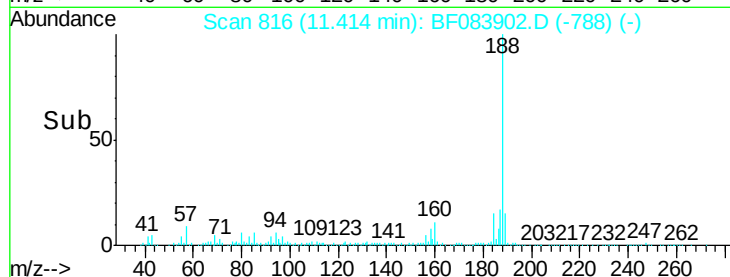
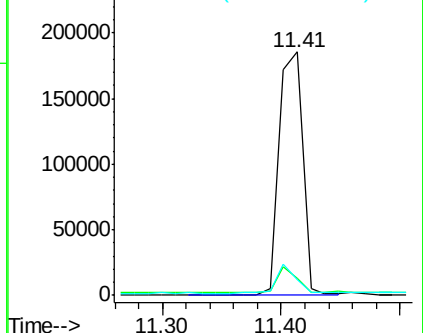
80 6.7 9.6 14.4#



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: 4.82 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

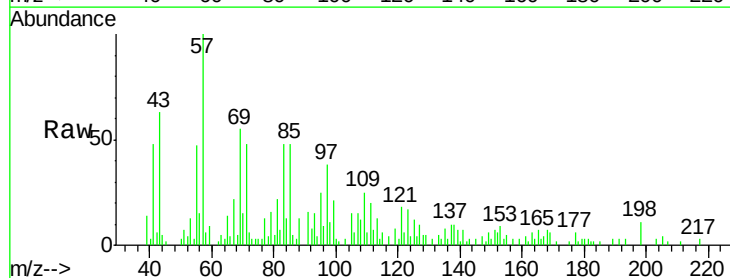
Tgt Ion:198 Resp: 1498

Ion Ratio Lower Upper

198 100

51 62.1 18.9 58.9#

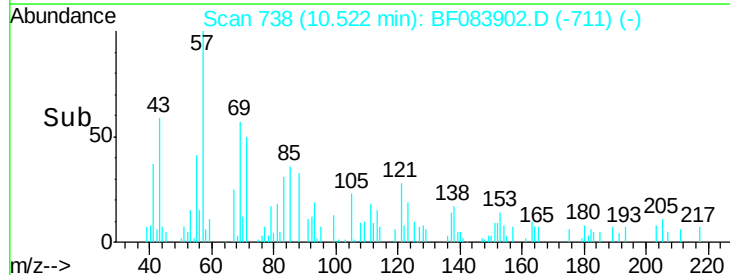
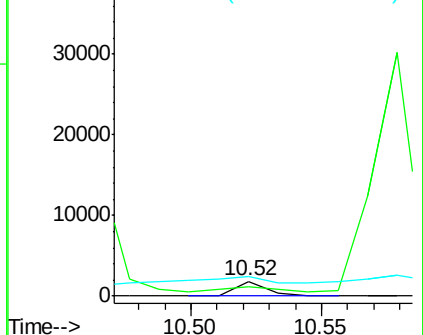
105 133.6 26.4 66.4#

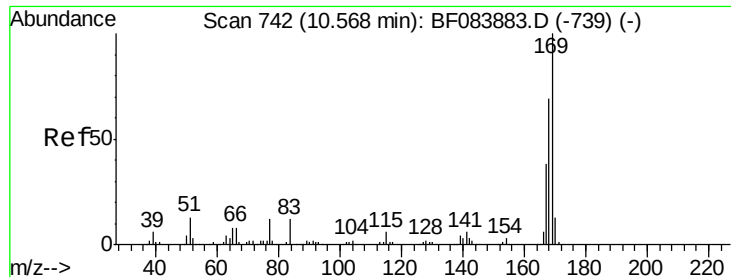


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 25.65 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

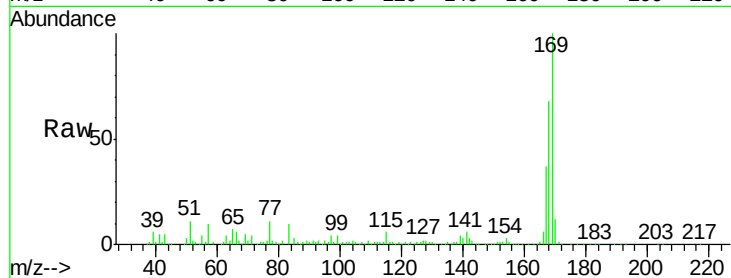
Tot Ion:169 Resp: 235315

Ion Ratio Lower Upper

169 100

168 68.2 55.1 82.7

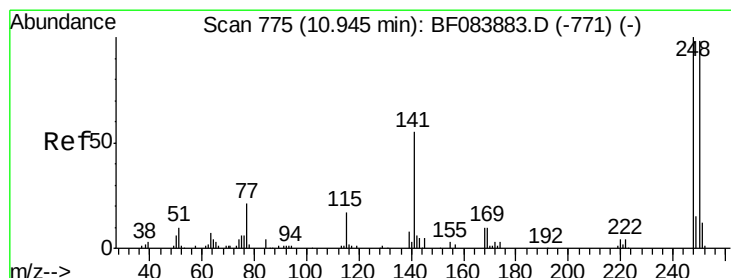
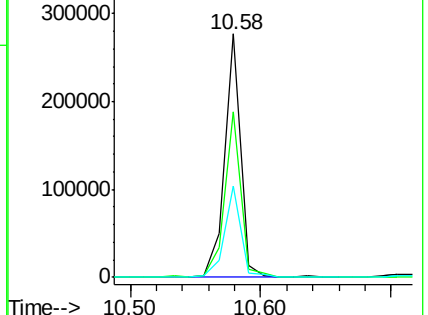
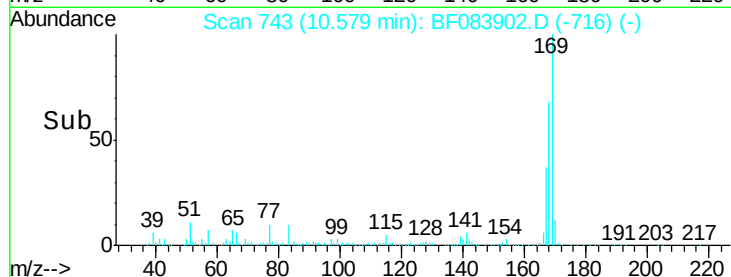
167 37.4 30.0 45.0



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: 21.51 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

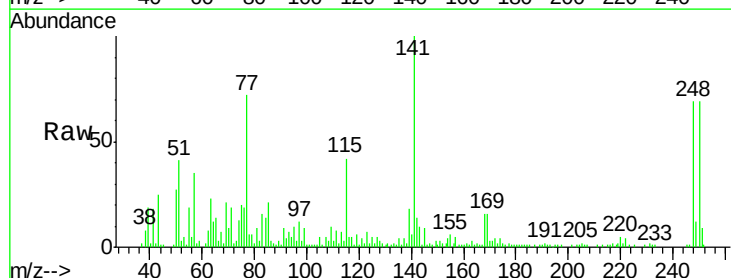
Tgt Ion:248 Resp: 66298

Ion Ratio Lower Upper

248 100

250 99.9 78.4 117.6

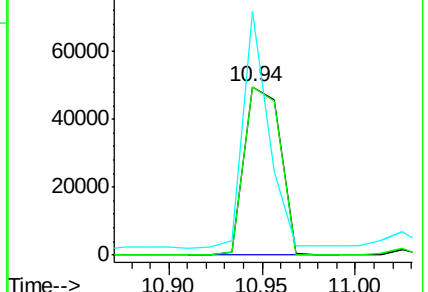
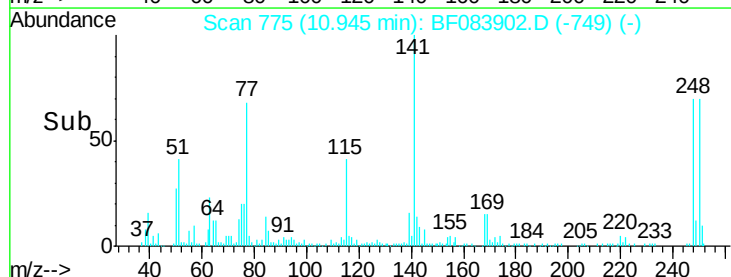
141 144.6 44.0 66.0#

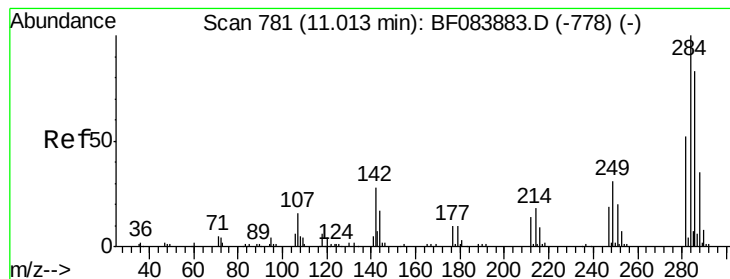


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 22.74 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampled :

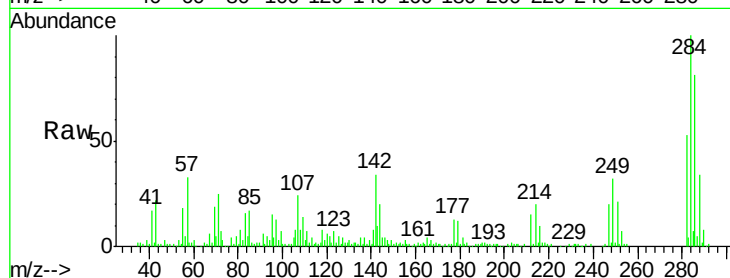
Tot Ion:284 Resp: 73802

Ion Ratio Lower Upper

284 100

142 34.1 22.2 33.4#

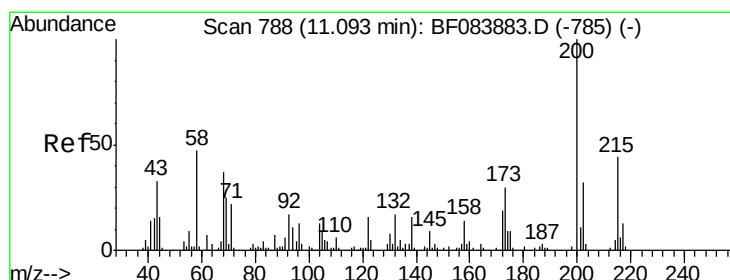
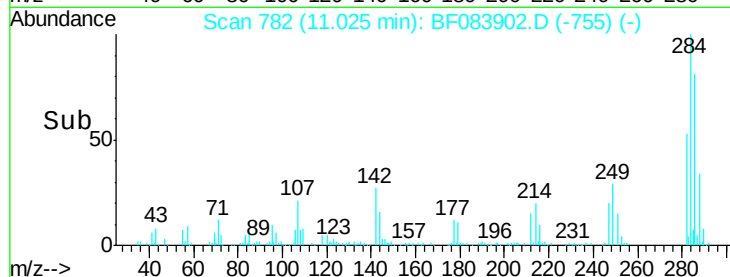
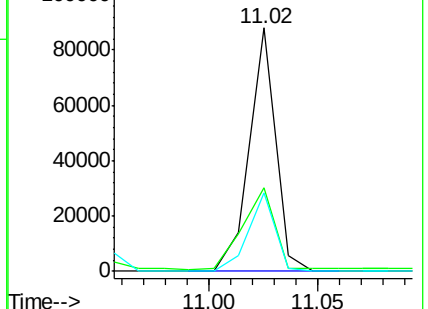
249 32.3 24.6 37.0



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: 21.61 ng

RT: 11.12 min Scan# 790

Delta R.T. 0.02 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

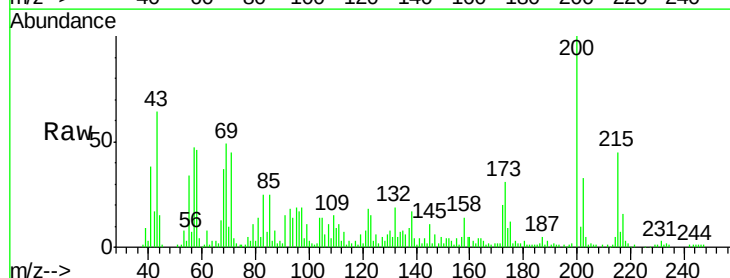
Tgt Ion:200 Resp: 62797

Ion Ratio Lower Upper

200 100

173 31.2 9.5 49.5

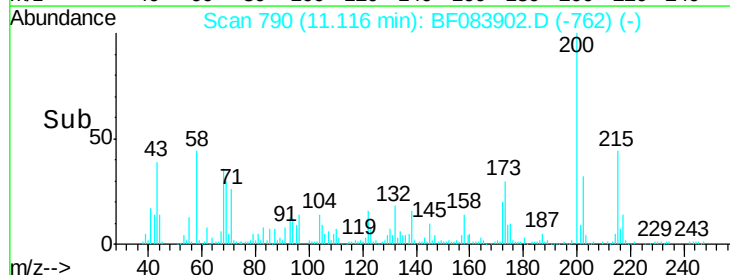
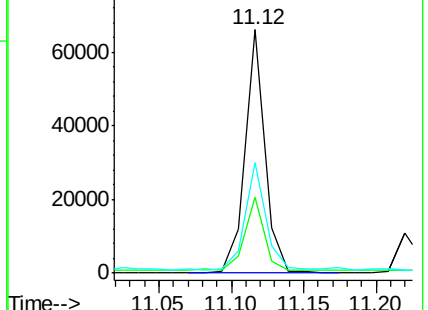
215 45.5 23.8 63.8

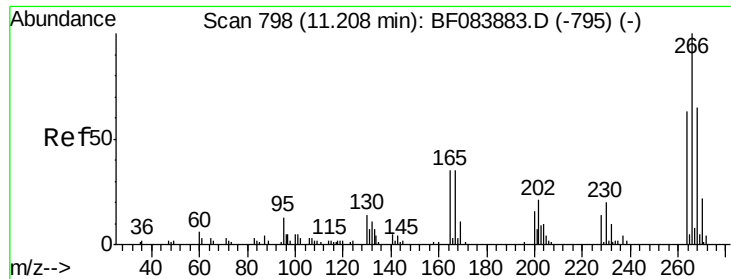


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

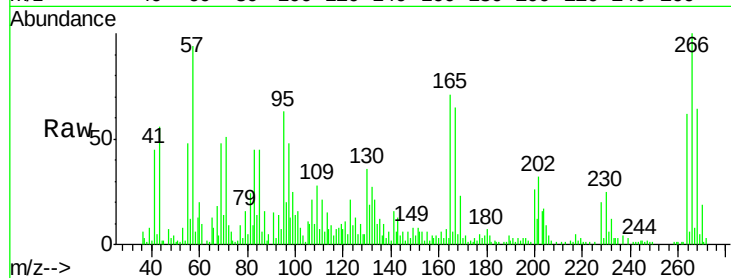




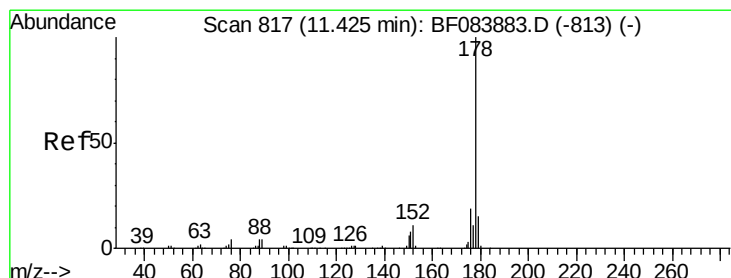
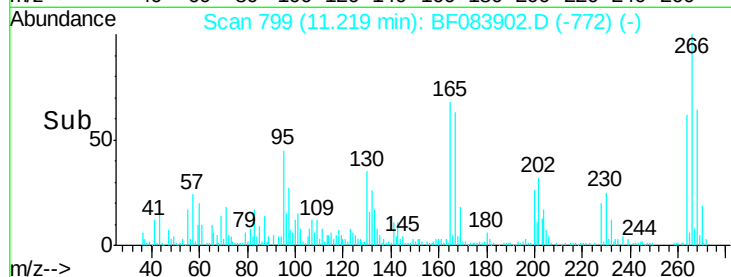
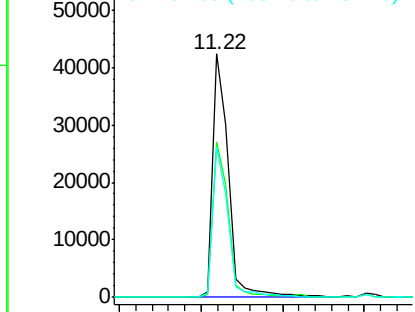
#69
 Pentachlorophenol
 Concen: 43.75 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.01 min
 Lab File: BF083902.D
 Acq: 18 Dec 2015 7:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 57111
 Ion Ratio Lower Upper
 266 100
 268 63.7 52.4 78.6
 264 61.7 50.2 75.2

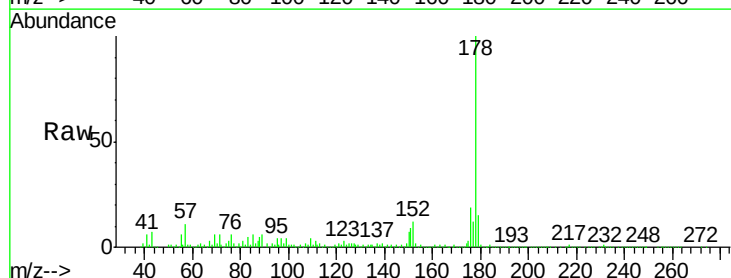


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

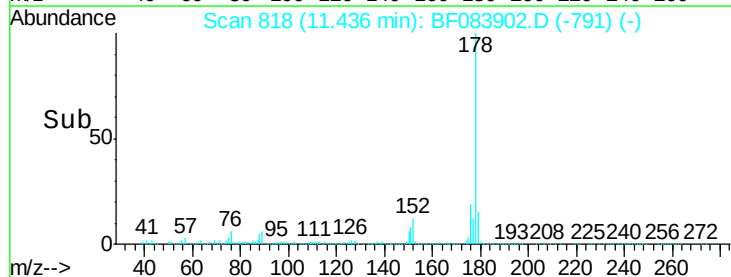
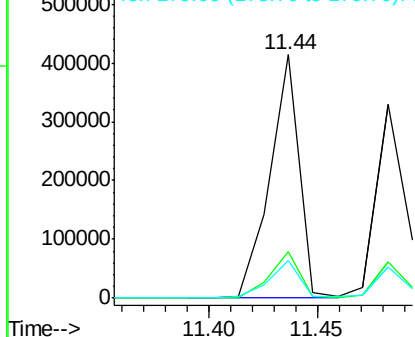


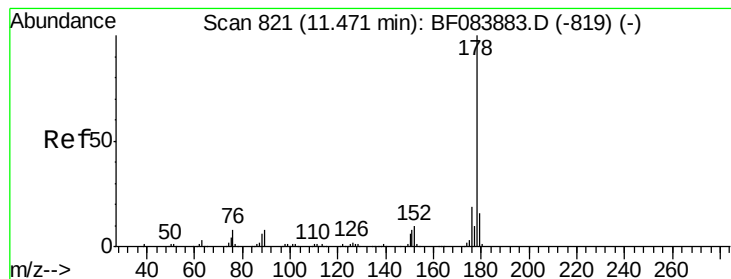
#70
 Phenanthrene
 Concen: 25.46 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF083902.D
 Acq: 18 Dec 2015 7:36

Tgt Ion:178 Resp: 387729
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 15.3 12.0 18.0



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





#71

Anthracene

Concen: 20.80 ng

RT: 11.48 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

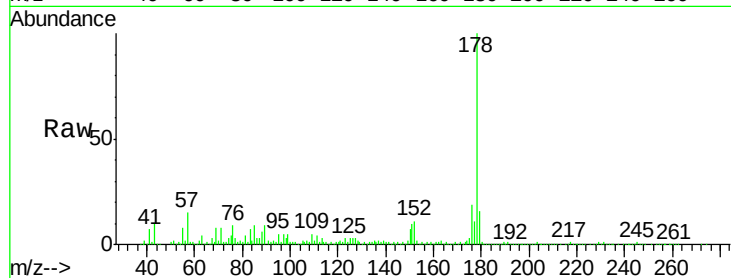
Tot Ion:178 Resp: 306259

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

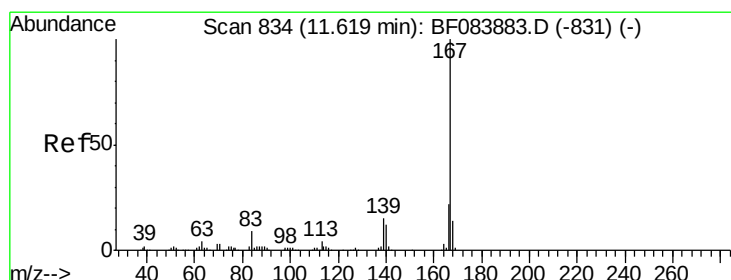
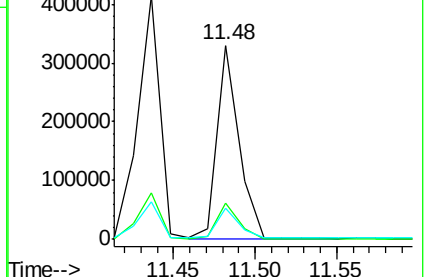
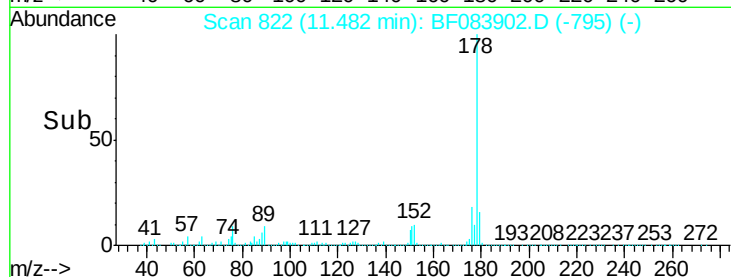
179 16.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 20.23 ng

RT: 11.64 min Scan# 836

Delta R.T. 0.02 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

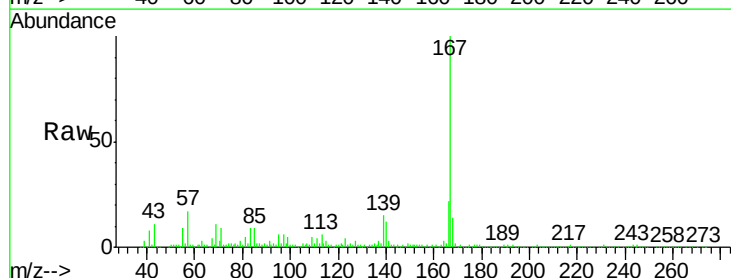
Tgt Ion:167 Resp: 294284

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

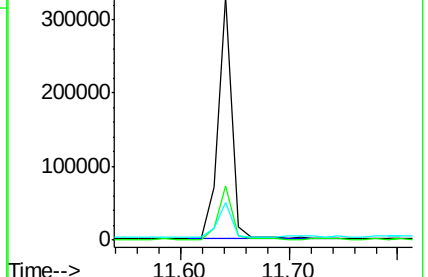
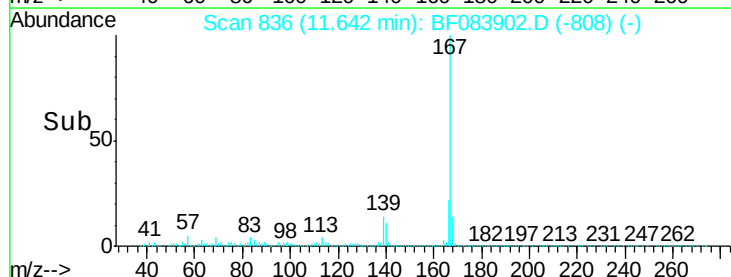
139 15.4 11.8 17.8

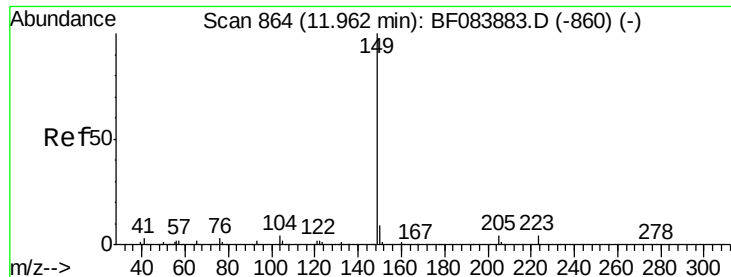


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 22.01 ng

RT: 11.97 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

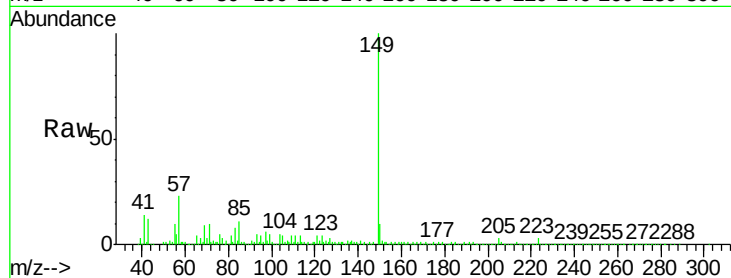
Tot Ion:149 Resp: 376202

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

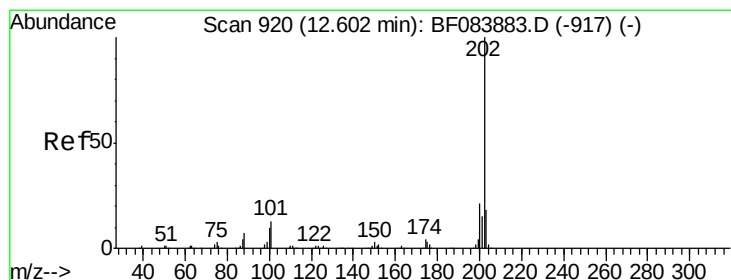
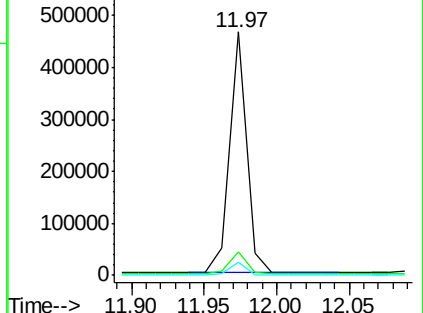
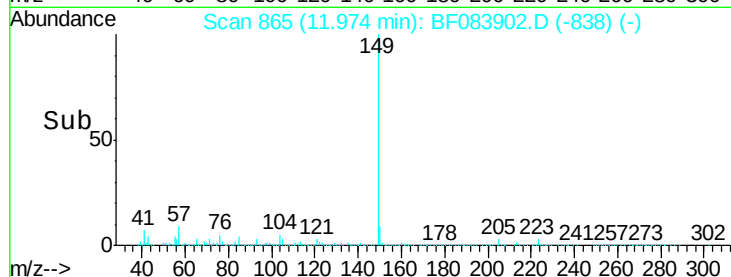
104 5.5 3.2 4.8#



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: 20.99 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.02 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

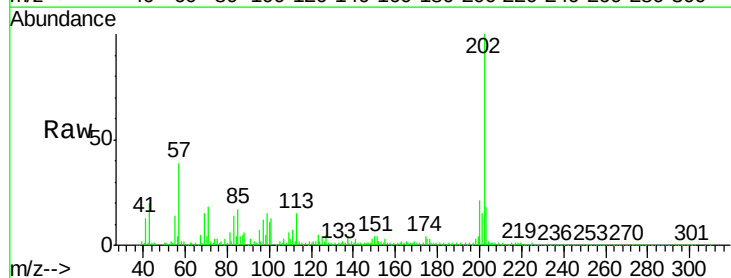
Tgt Ion:202 Resp: 319024

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.8

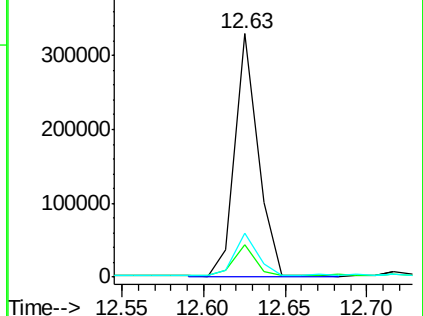
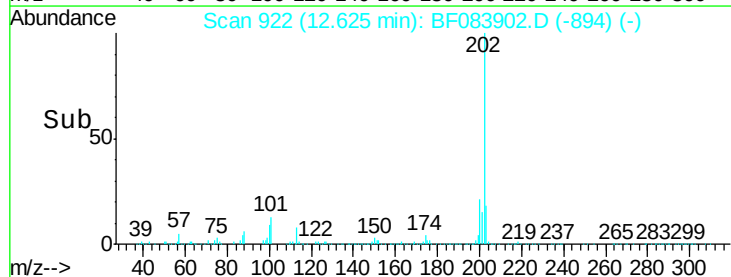
203 18.3 0.0 37.9

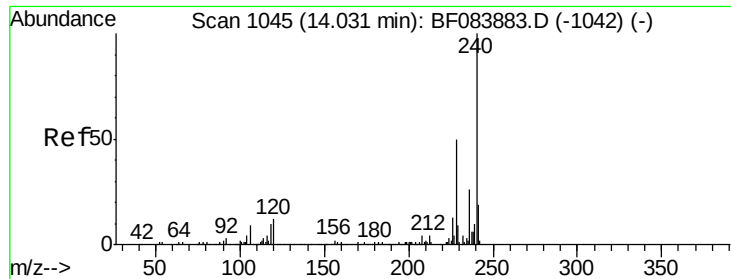


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.02 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

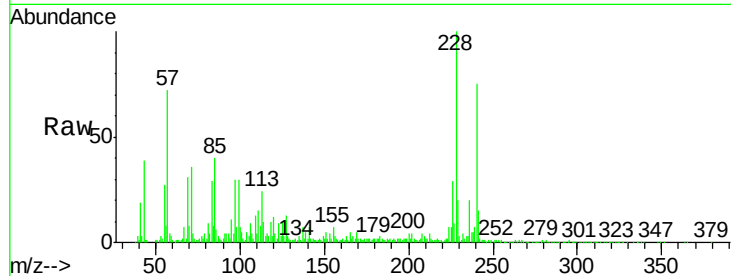
Tot Ion:240 Resp: 176379

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

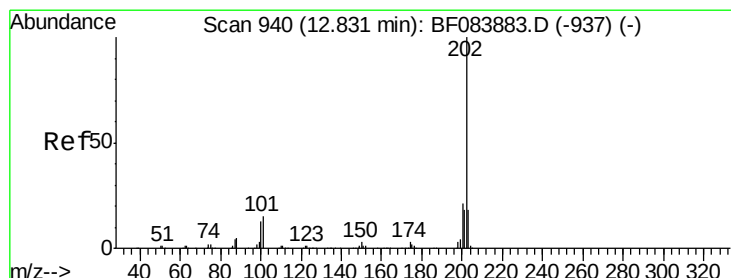
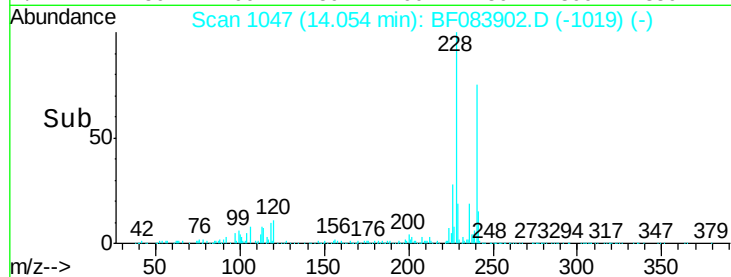
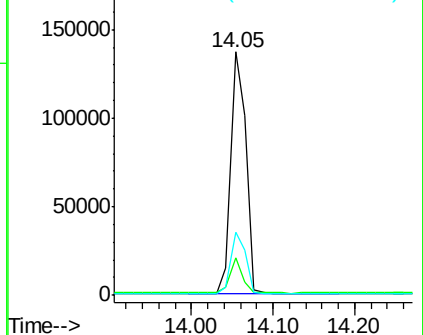
236 26.2 20.6 31.0



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



#77

Pyrene

Concen: 31.10 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.02 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

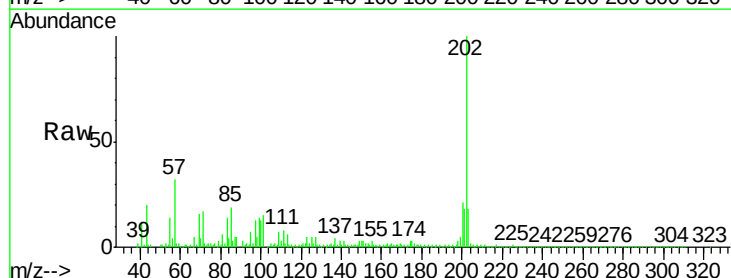
Tgt Ion:202 Resp: 339326

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

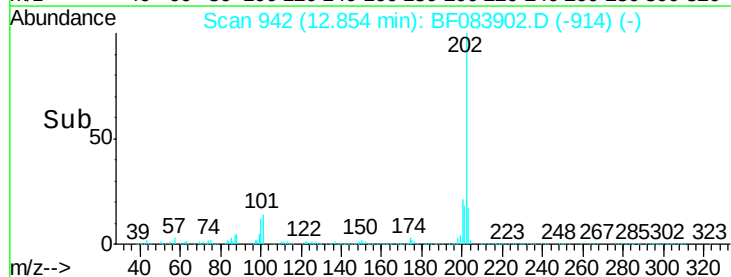
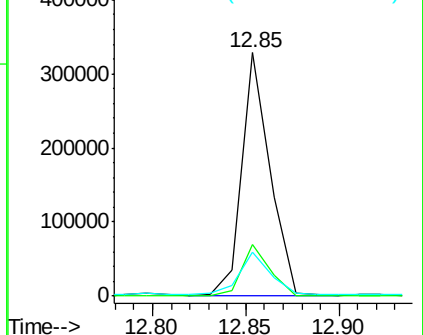
203 17.9 14.3 21.5

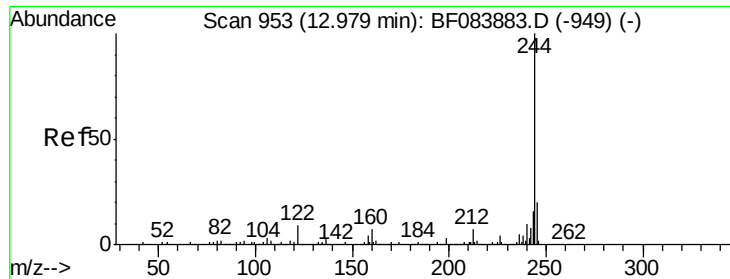


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 45.43 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.02 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

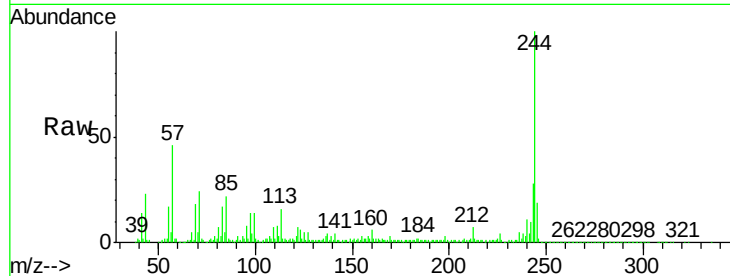
Tot Ion:244 Resp: 364743

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

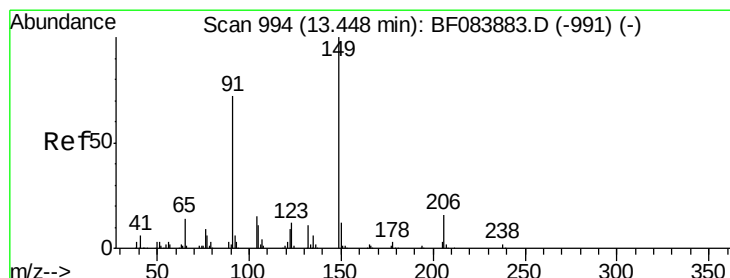
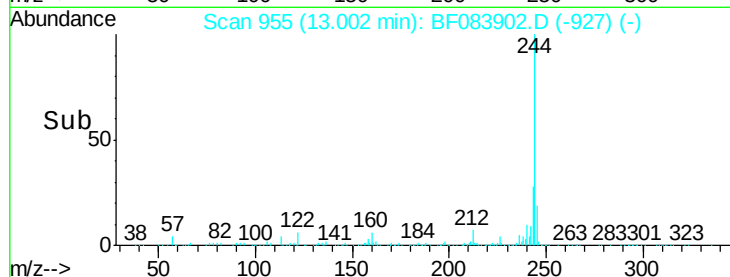
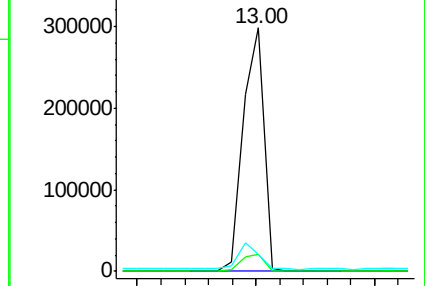
122 7.2 7.4 11.0#



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: 22.40 ng

RT: 13.47 min Scan# 996

Delta R.T. 0.02 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

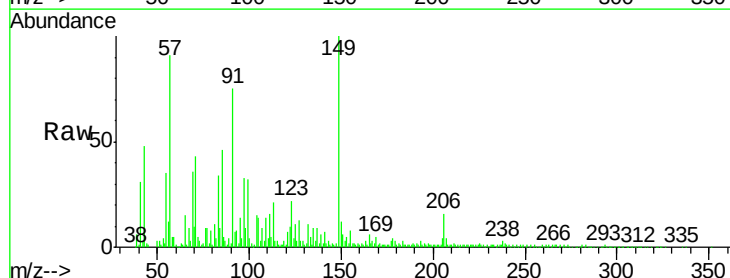
Tgt Ion:149 Resp: 131512

Ion Ratio Lower Upper

149 100

91 75.4 57.6 86.4

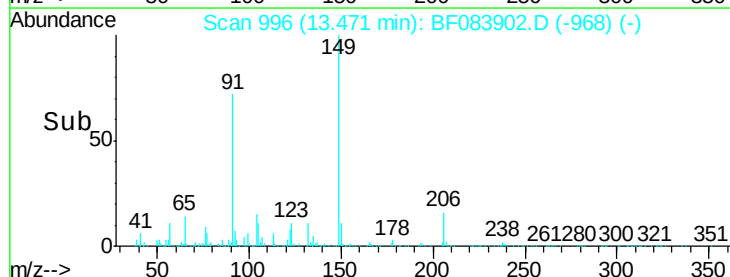
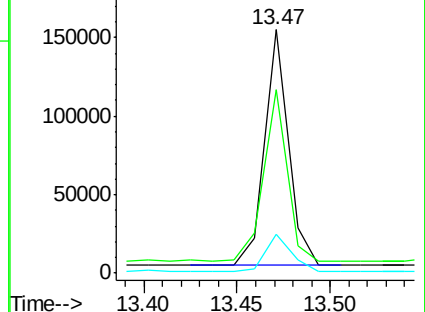
206 16.0 13.2 19.8

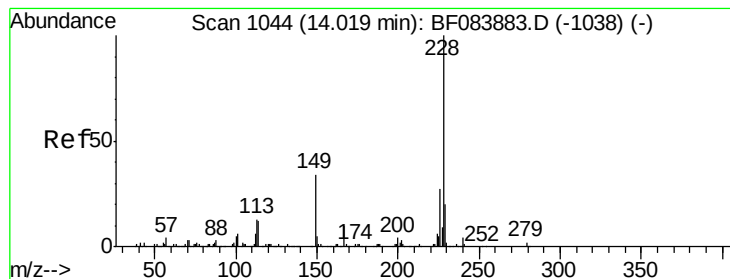


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 25.70 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.02 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

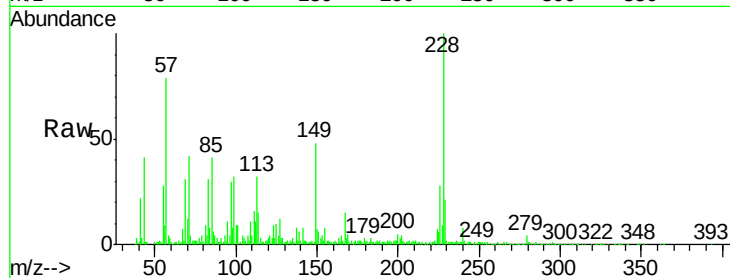
Tot Ion:228 Resp: 278657

Ion Ratio Lower Upper

228 100

226 28.3 21.8 32.6

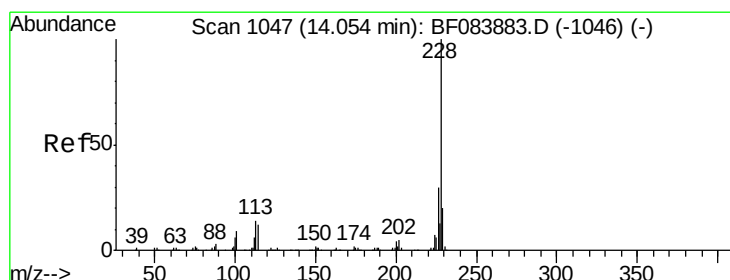
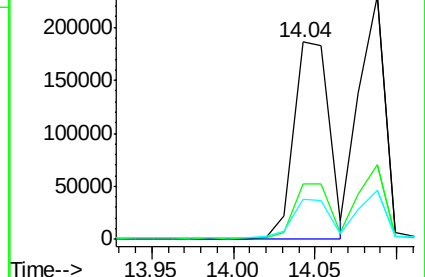
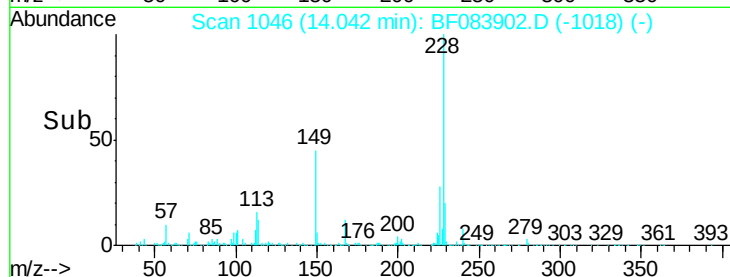
229 20.6 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 24.55 ng

RT: 14.09 min Scan# 1050

Delta R.T. 0.03 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

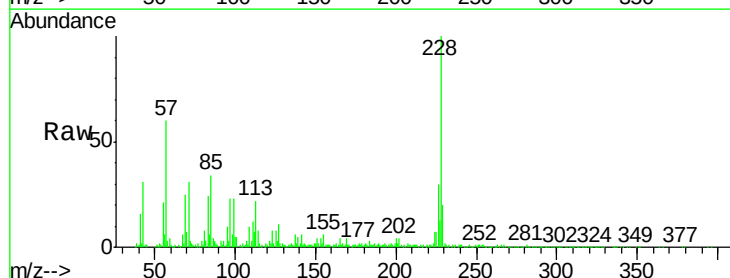
Tgt Ion:228 Resp: 257175

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

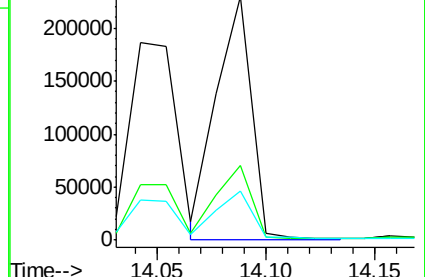
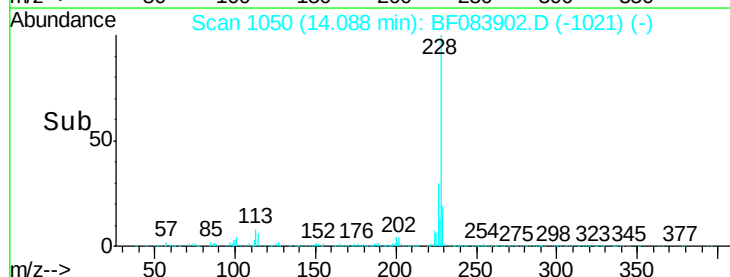
229 20.0 16.1 24.1

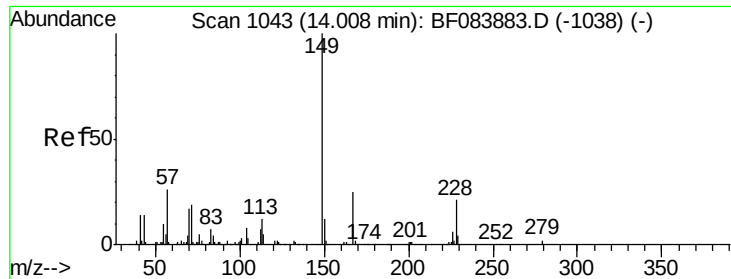


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 24.58 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.02 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

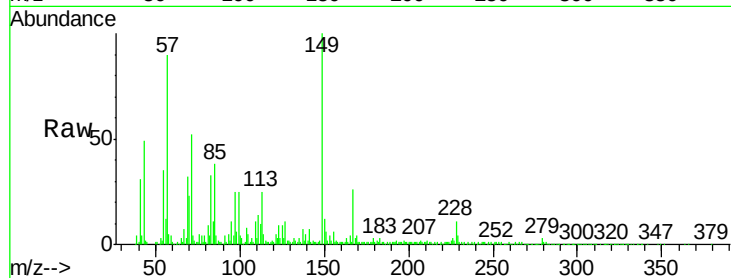
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 192662

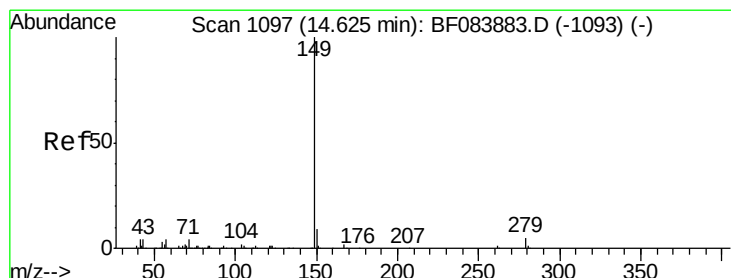
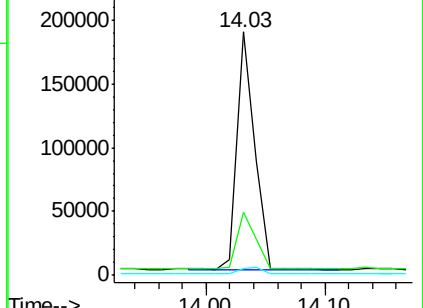
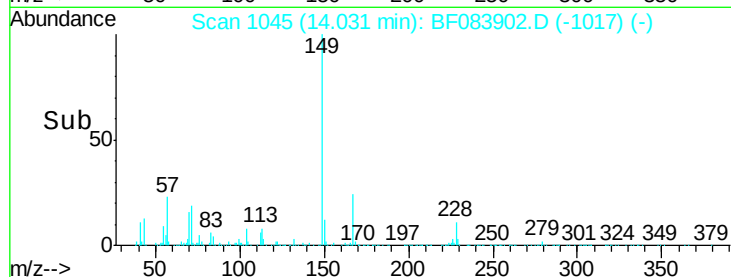
Ion	Ratio	Lower	Upper
149	100		
167	26.1	19.7	29.5
279	2.7	1.8	2.6#



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: 25.68 ng

RT: 14.65 min Scan# 1099

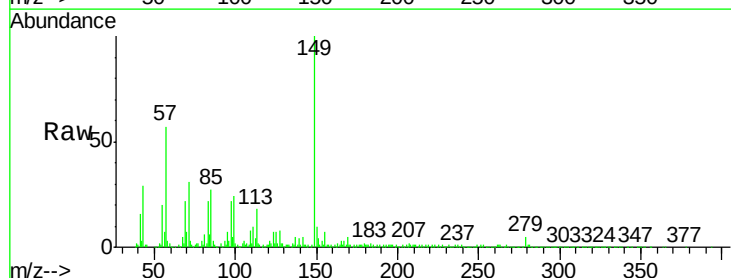
Delta R.T. 0.02 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Tgt Ion:149 Resp: 315087

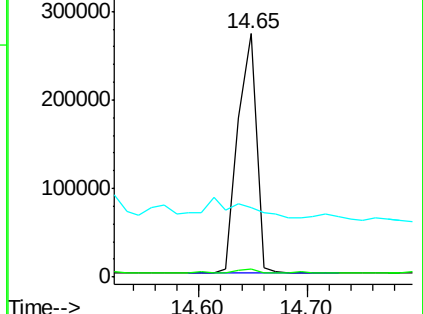
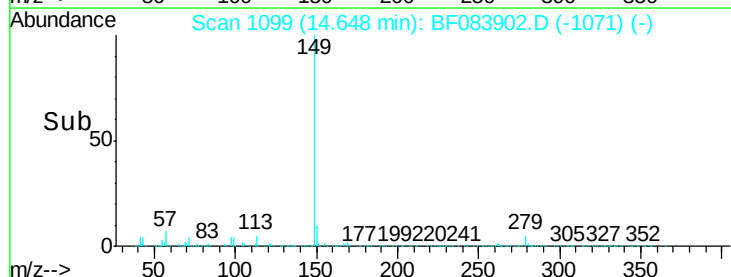
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8#
43	0.0	5.6	8.4#

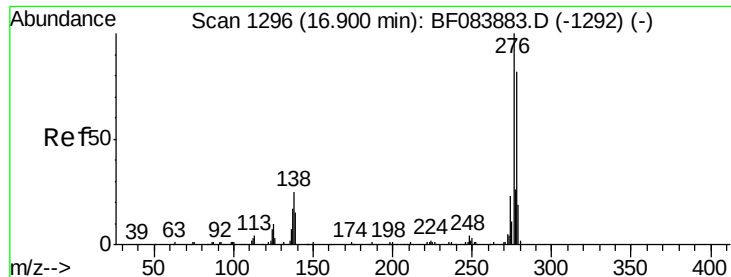


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

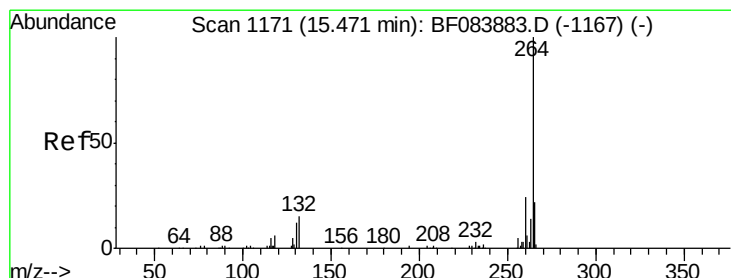
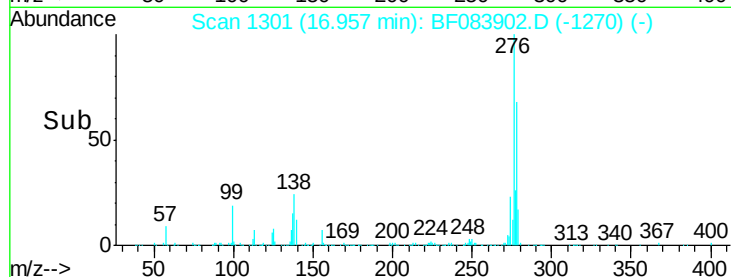
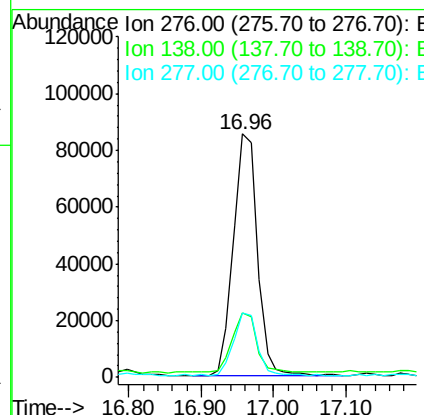
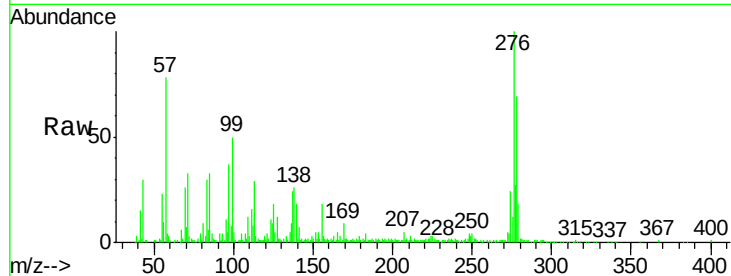




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.32 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. 0.06 min
 Lab File: BF083902.D
 Acq: 18 Dec 2015 7:36

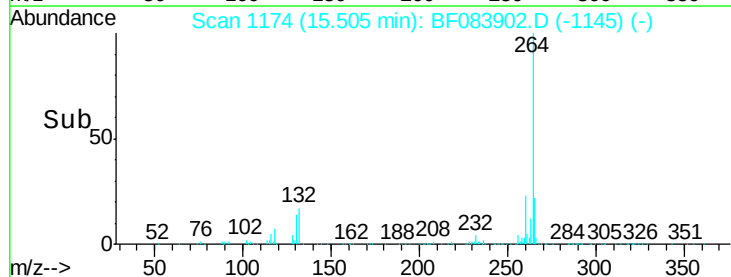
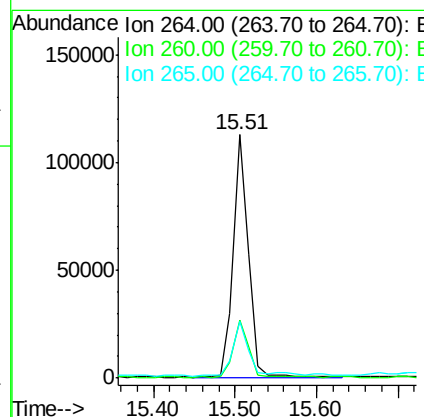
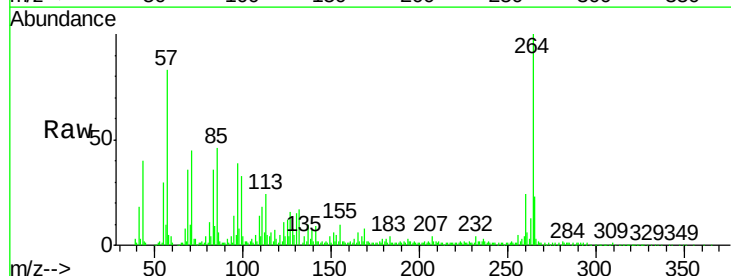
Instrument :
 BNA_F
 ClientSampleId :

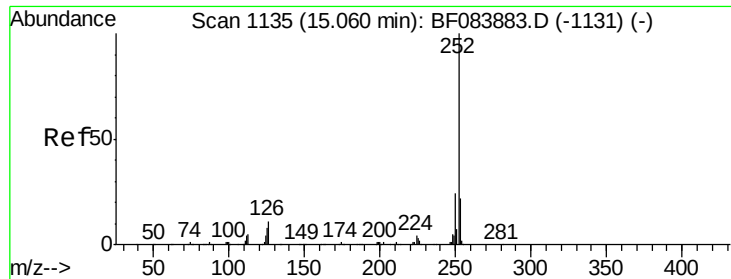
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.6	30.8
277	25.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.03 min
 Lab File: BF083902.D
 Acq: 18 Dec 2015 7:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	23.3	17.8	26.6

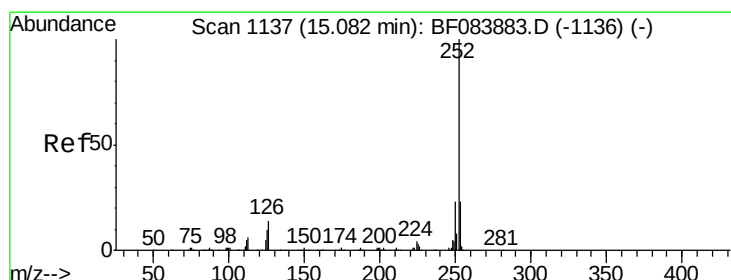
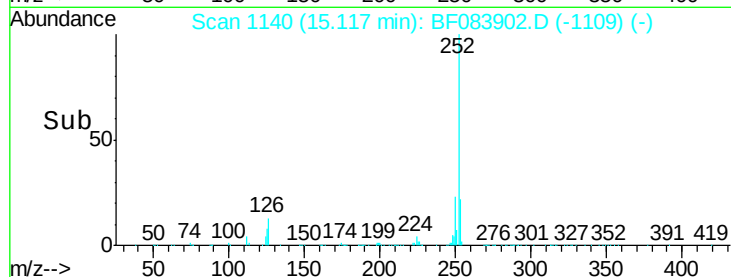
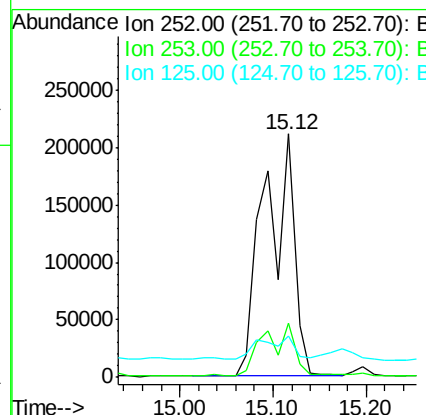
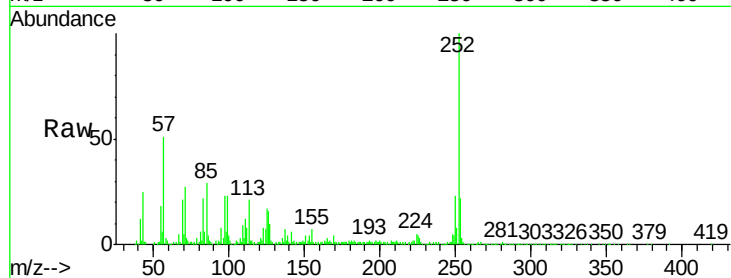




#87
Benzo(b)fluoranthene
Concen: 44.28 ng
RT: 15.12 min Scan# 1140
Delta R.T. 0.06 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

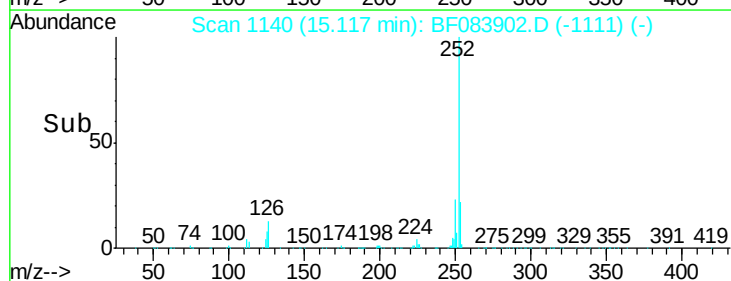
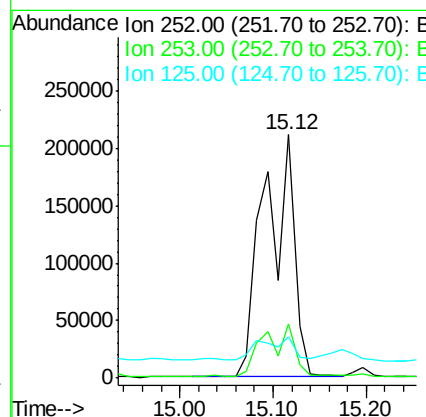
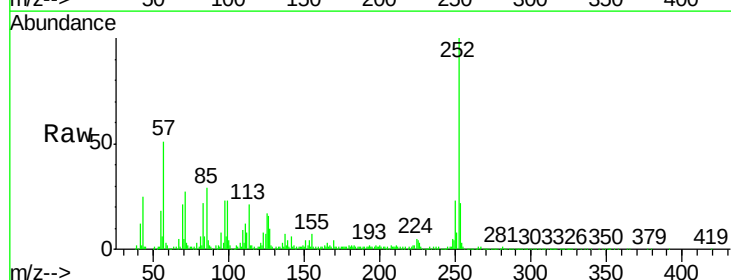
Instrument :
BNA_F
ClientSampleId :

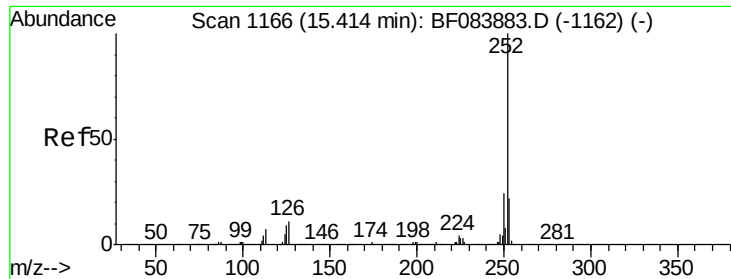
Tot Ion:252 Resp: 466191
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 16.8 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 53.68 ng
RT: 15.12 min Scan# 1140
Delta R.T. 0.03 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Tgt Ion:252 Resp: 466191
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 16.8 9.0 13.6#

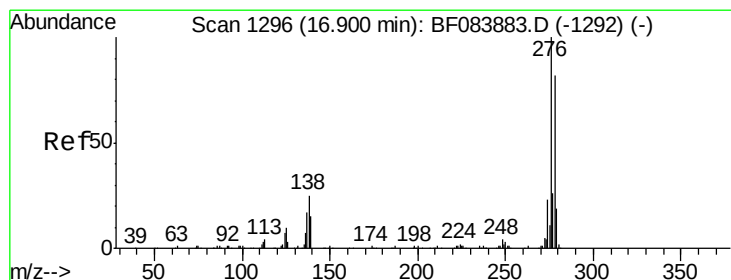
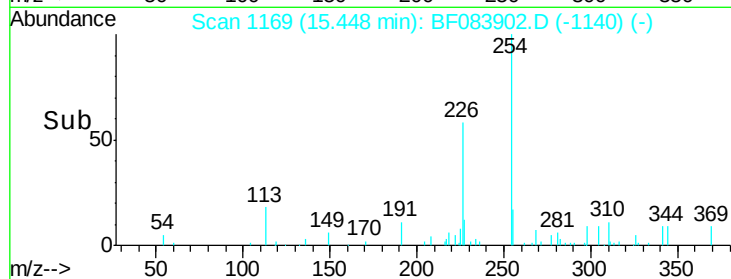
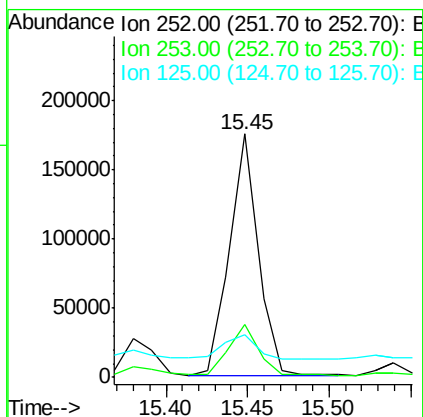
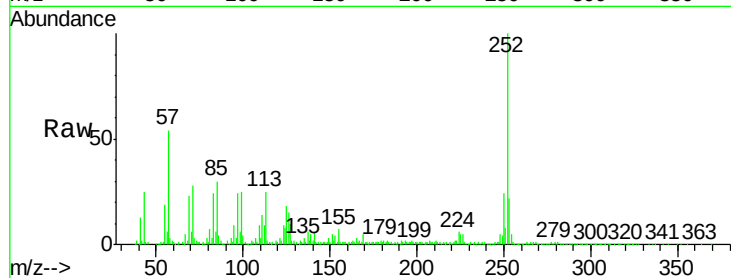




#89
Benzo(a)pyrene
Concen: 24.69 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.03 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

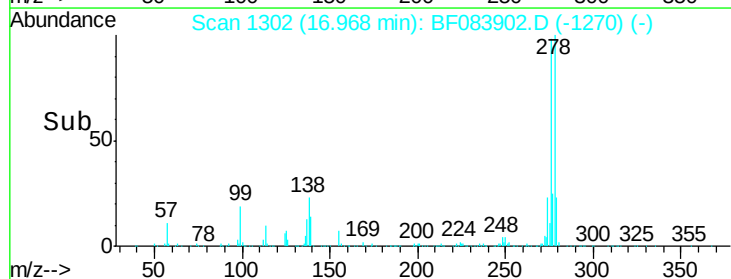
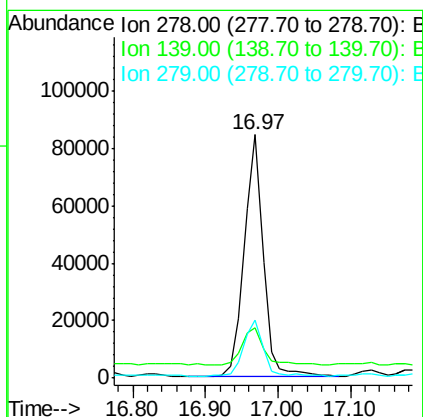
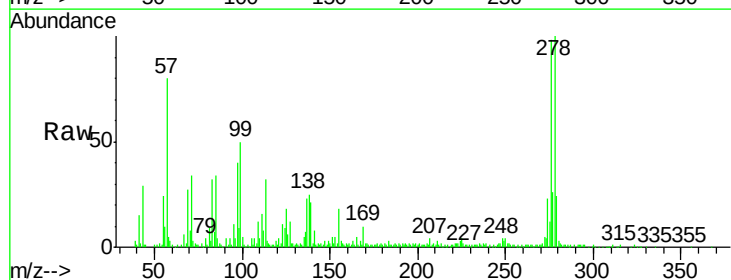
Instrument :
BNA_F
ClientSampleId :

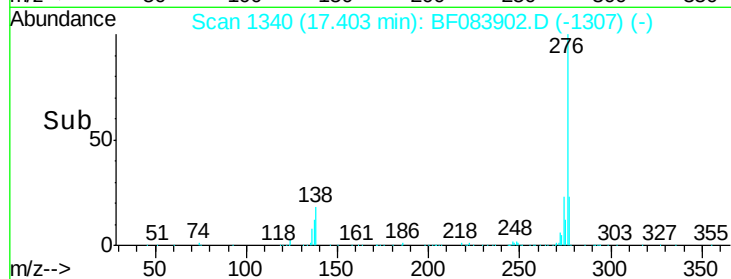
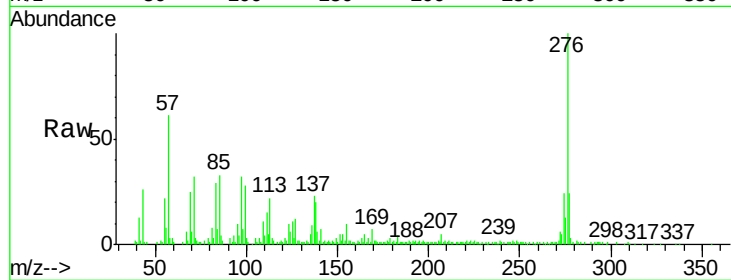
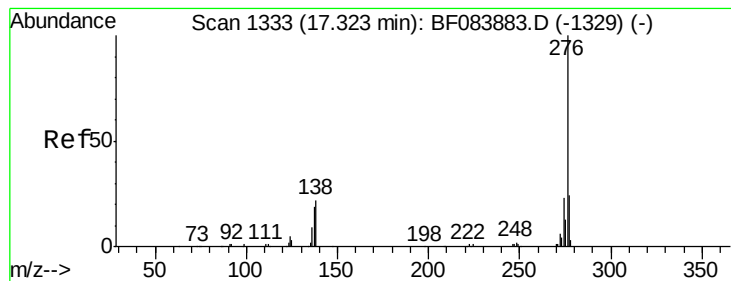
Tot Ion:252 Resp: 214684
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 17.5 7.0 10.4#



#90
Dibenzo(a,h)anthracene
Concen: 22.86 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.07 min
Lab File: BF083902.D
Acq: 18 Dec 2015 7:36

Tgt Ion:278 Resp: 154594
Ion Ratio Lower Upper
278 100
139 20.6 15.0 22.4
279 23.9 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 26.54 ng

RT: 17.40 min Scan# 1340

Delta R.T. 0.08 min

Lab File: BF083902.D

Acq: 18 Dec 2015 7:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 175950

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.1 17.8 26.6

