

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083700.D
 Acq On : 11 Dec 2015 16:15
 Operator : UM/IZ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 17:59:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 17:53:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	154125	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	625092	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	274487	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	516272	20.00	ng	0.00
75) Chrysene-d12	14.08	240	391107	20.00	ng	0.00
86) Perylene-d12	15.51	264	276705	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	490721	48.29	ng	-0.01
7) Phenol-d6	6.54	99	639122	47.07	ng	0.00
23) Nitrobenzene-d5	7.48	82	447978	33.44	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	145325	59.43	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1015467	52.07	ng	0.00
78) Terphenyl-d14	13.03	244	925223	55.66	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	121322	24.17	ng	# 88
3) Pyridine	3.30	79	318802	26.14	ng	90
4) n-Nitrosodimethylamine	3.23	42	132095	20.57	ng	# 82
6) Aniline	6.58	93	425452	25.43	ng	# 87
8) 2-Chlorophenol	6.70	128	286544	25.78	ng	91
9) Benzaldehyde	6.46	77	185665	25.74	ng	94
10) Phenol	6.56	94	391465	23.80	ng	# 73
11) bis(2-Chloroethyl)ether	6.66	93	276668	22.87	ng	89
12) 1,3-Dichlorobenzene	6.86	146	306518	24.75	ng	97
13) 1,4-Dichlorobenzene	6.94	146	328336	25.84	ng	96
14) 1,2-Dichlorobenzene	7.09	146	280980	23.83	ng	97
15) Benzyl Alcohol	7.06	79	224110	23.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	371414	16.60	ng	66
17) 2-Methylphenol	7.17	107	237597	26.28	ng	# 85
18) Hexachloroethane	7.45	117	106687	23.78	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	173385	18.29	ng	96
20) 3+4-Methylphenols	7.32	107	278975	23.43	ng	# 85
22) Acetophenone	7.33	105	404232	23.05	ng	# 94
24) Nitrobenzene	7.50	77	293442	19.82	ng	# 85
25) Isophorone	7.74	82	519316	19.98	ng	96
26) 2-Nitrophenol	7.82	139	105187	17.89	ng	# 79
27) 2,4-Dimethylphenol	7.86	122	268480	26.11	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	304839	21.12	ng	# 96
29) 2,4-Dichlorophenol	8.06	162	226876	24.26	ng	96
30) 1,2,4-Trichlorobenzene	8.16	180	246220	23.83	ng	98
31) Naphthalene	8.24	128	831311	25.11	ng	99
32) Benzoic acid	7.95	122	120272	20.76	ng	# 81
33) 4-Chloroaniline	8.27	127	302974	25.10	ng	96
34) Hexachlorobutadiene	8.36	225	136049	22.54	ng	96
35) Caprolactam	8.62	113	70975	25.28	ng	# 73
36) 4-Chloro-3-methylphenol	8.75	107	258665	24.62	ng	87
37) 2-Methylnaphthalene	8.92	142	493309	23.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	234424	26.01	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	101995	83.51	ng	99

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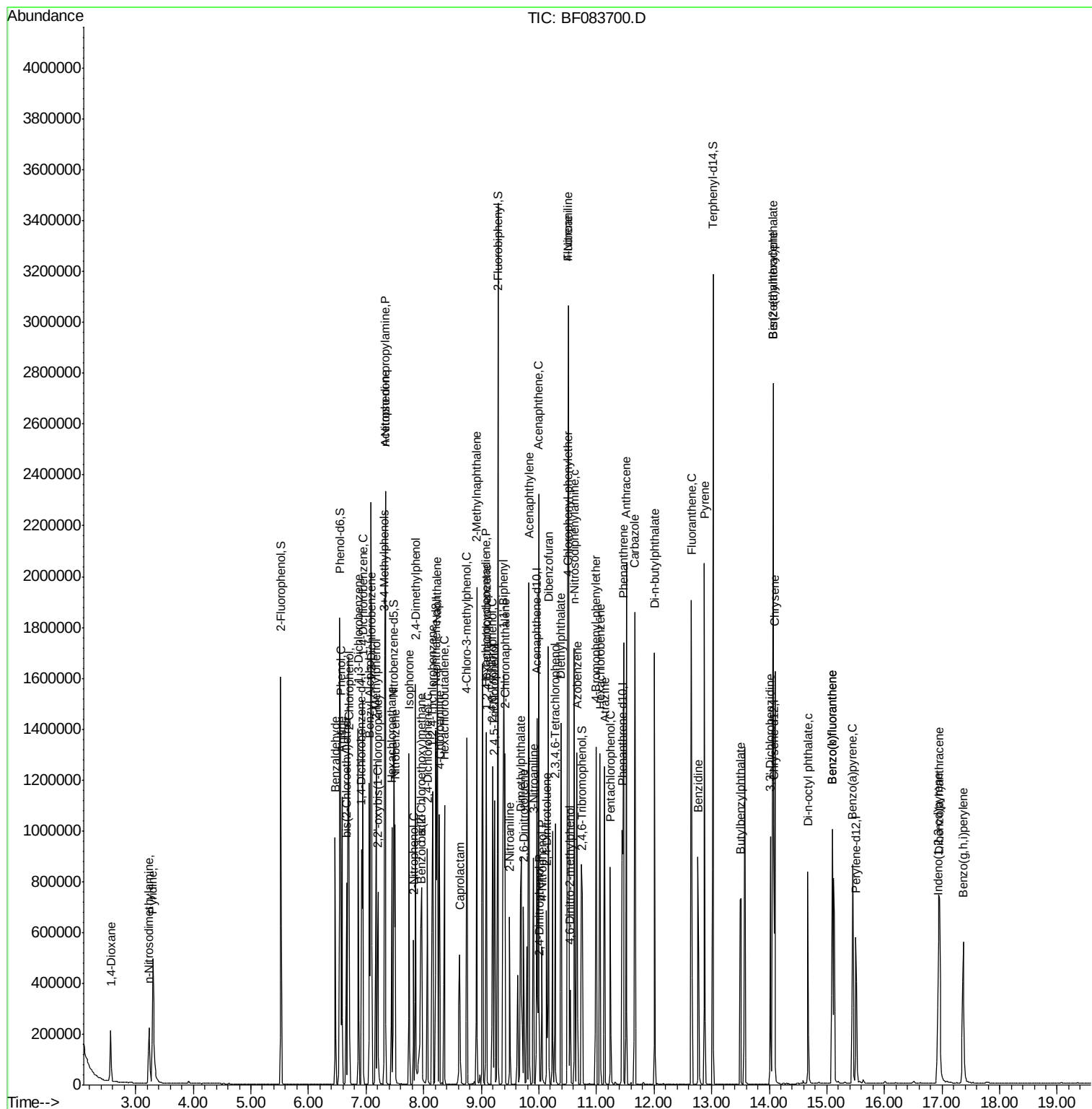
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	164346	30.65	nq	98
43) 2,4,5-Trichlorophenol	9.23	196	139809	26.34	nq	# 94
45) 1,1'-Biphenyl	9.39	154	633941	26.57	nq	95
46) 2-Chloronaphthalene	9.41	162	478973	26.59	nq	100
47) 2-Nitroaniline	9.49	65	98394	15.15	nq	93
48) Acenaphthylene	9.82	152	796877	26.83	nq	99
49) Dimethylphthalate	9.69	163	534752	24.47	nq	97
50) 2,6-Dinitrotoluene	9.73	165	94923	21.04	nq	84
51) Acenaphthene	10.00	154	460798	27.10	nq	99
52) 3-Nitroaniline	9.90	138	125027	26.08	nq	# 78
53) 2,4-Dinitrophenol	10.01	184	22360	11.63	nq	# 1
54) Dibenzofuran	10.17	168	633354	26.86	nq	95
55) 4-Nitrophenol	10.05	139	104659	49.58	nq	# 76
56) 2,4-Dinitrotoluene	10.13	165	109434	18.29	nq	# 94
57) Fluorene	10.51	166	513763	24.96	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	113577	28.90	nq	# 100
59) Diethylphthalate	10.38	149	532777	25.08	nq	99
60) 4-Chlorophenyl-phenylether	10.50	204	223969	22.86	nq	# 86
61) 4-Nitroaniline	10.51	138	105016	24.11	nq	92
62) Azobenzene	10.66	77	472562	20.21	nq	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	44448	14.34	nq	# 70
65) n-Nitrosodiphenylamine	10.61	169	414290	24.31	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	142726	24.79	nq	# 90
67) Hexachlorobenzene	11.06	284	157297	25.75	nq	95
68) Atrazine	11.14	200	123816	24.42	nq	96
69) Pentachlorophenol	11.24	266	85064	63.59	nq	99
70) Phenanthrene	11.47	178	763711	25.75	nq	100
71) Anthracene	11.52	178	727579	23.68	nq	99
72) Carbazole	11.66	167	660003	25.05	nq	# 96
73) Di-n-butylphthalate	12.01	149	775602	23.40	nq	100
74) Fluoranthene	12.65	202	730266	24.07	nq	96
76) Benzidine	12.76	184	412081	33.87	nq	99
77) Pyrene	12.88	202	754931	26.81	nq	99
79) Butylbenzylphthalate	13.51	149	259430	20.76	nq	# 80
80) Benzo(a)anthracene	14.07	228	592727	25.89	nq	100
81) 3,3'-Dichlorobenzidine	14.02	252	189311	24.48	nq	98
82) Chrysene	14.10	228	585743	25.52	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	285785	16.47	nq	# 97
84) Di-n-octyl phthalate	14.67	149	381445	14.39	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.93	276	494633	31.93	nq	# 100
87) Benzo(b)fluoranthene	15.09	252	865194	54.91	nq	98
88) Benzo(k)fluoranthene	15.09	252	865194	49.83	nq	# 96
89) Benzo(a)pyrene	15.45	252	404287	26.29	nq	100
90) Dibenzo(a,h)anthracene	16.96	278	413209	35.15	nq	# 95
91) Benzo(g,h,i)perylene	17.37	276	435139	37.96	nq	97

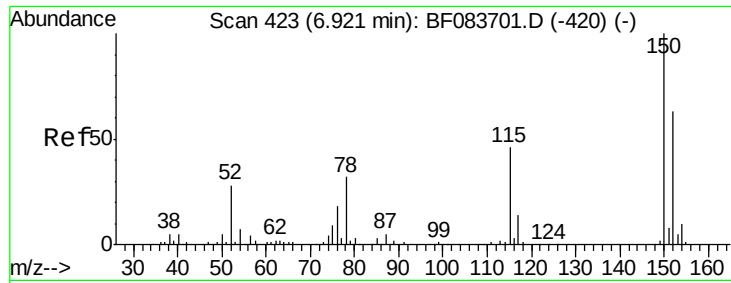
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : UM/IZ  
Sample    : SSTDICC025  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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ClientSampleId :

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

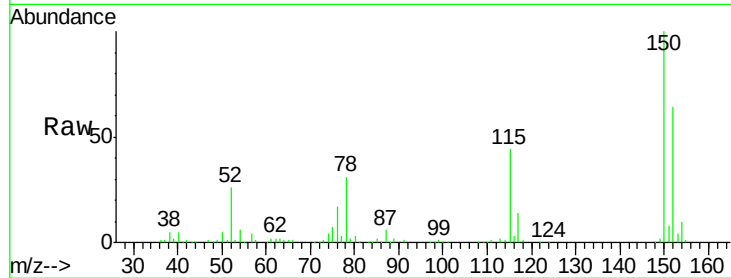
Tot Ion:152 Resp: 154125

Ion Ratio Lower Upper

152 100

150 156.1 126.5 189.7

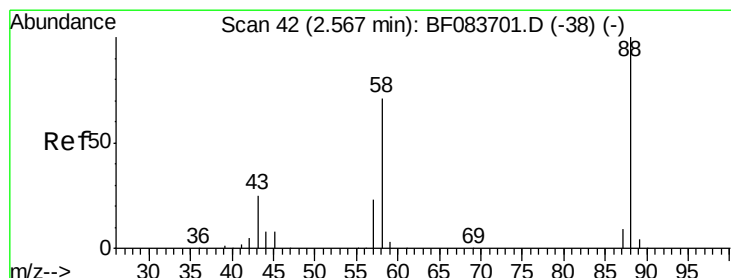
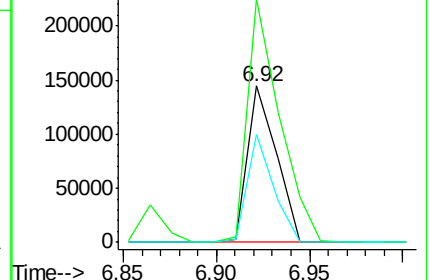
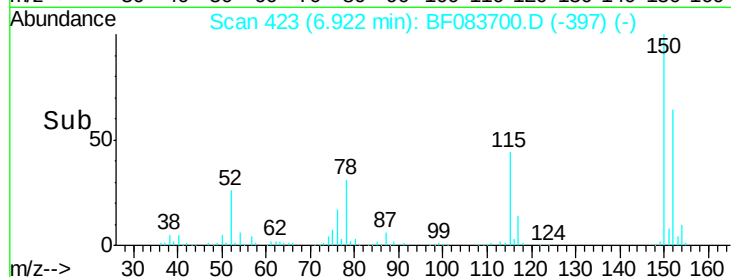
115 69.1 52.3 78.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.17 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

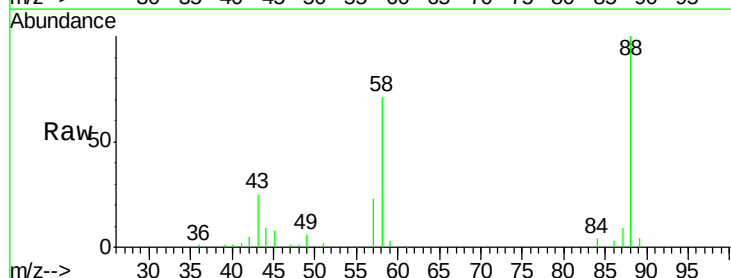
Tgt Ion: 88 Resp: 121322

Ion Ratio Lower Upper

88 100

58 74.9 68.0 102.0

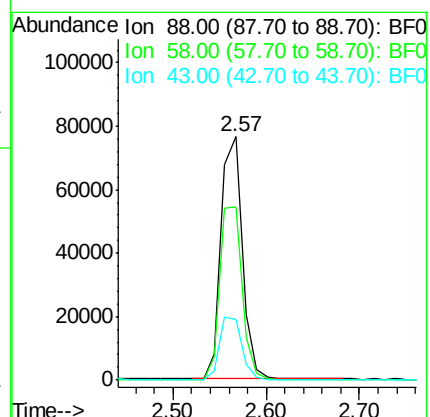
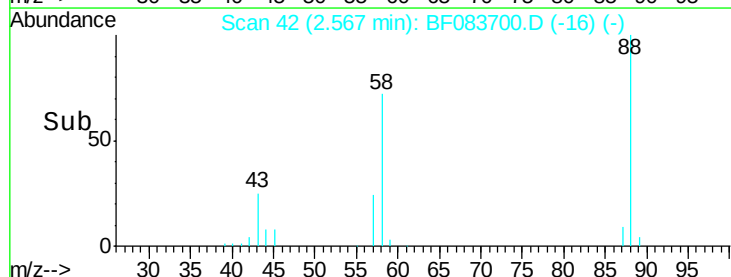
43 27.1 27.9 41.9#

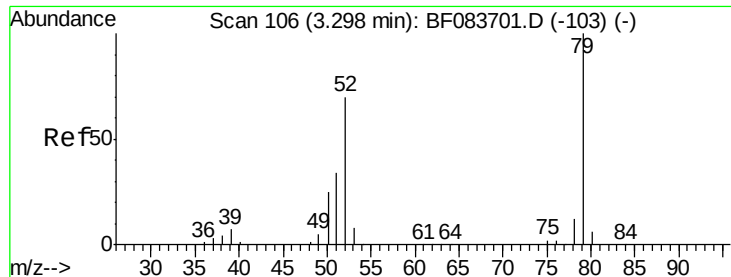


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 26.14 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

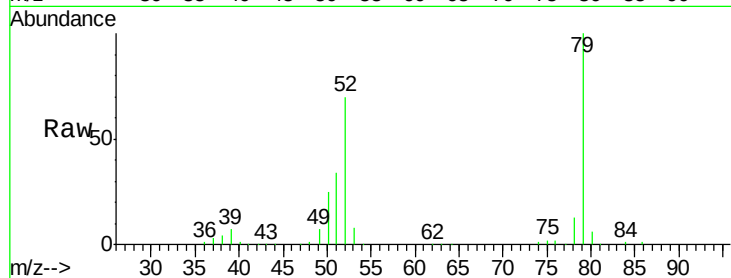
Tot Ion: 79 Resp: 318802

Ion Ratio Lower Upper

79 100

52 69.7 63.7 95.5

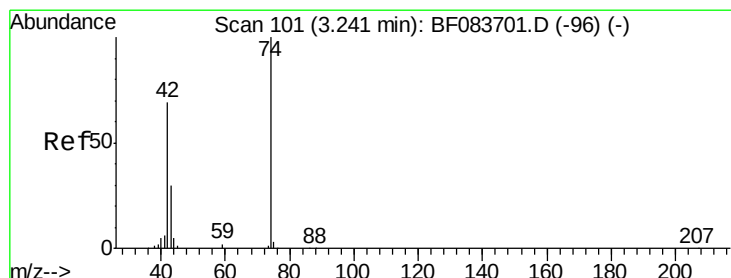
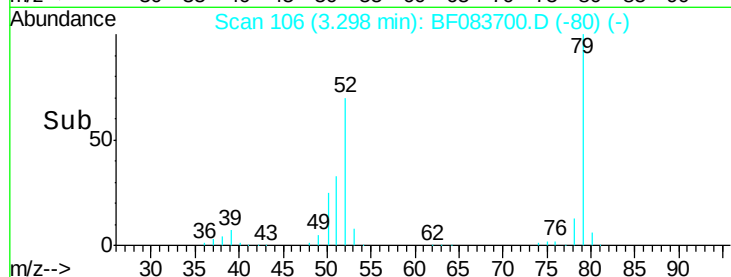
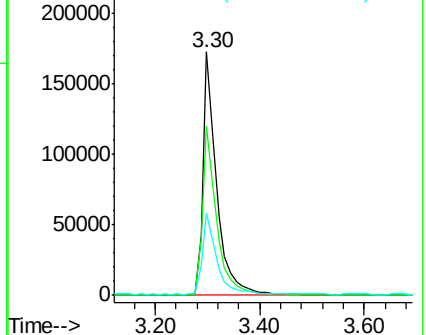
51 33.9 30.6 45.8



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: 20.57 ng

RT: 3.23 min Scan# 100

Delta R.T. -0.01 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

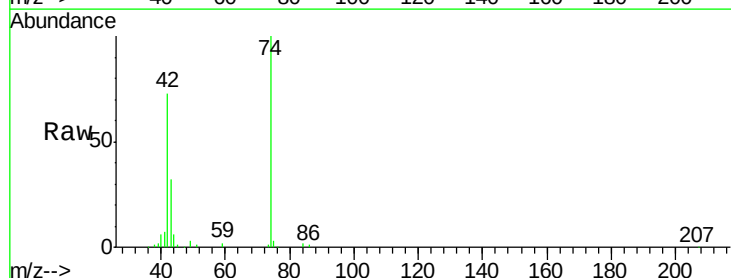
Tgt Ion: 42 Resp: 132095

Ion Ratio Lower Upper

42 100

74 137.0 92.9 139.3

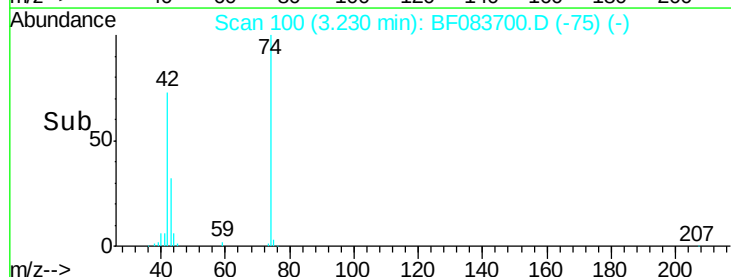
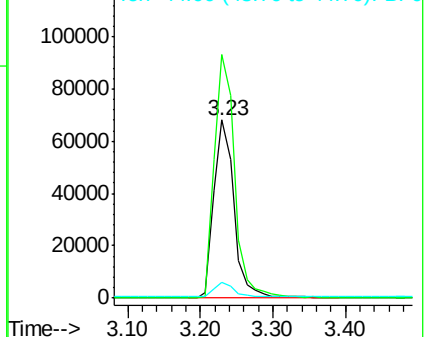
44 8.7 5.7 8.5#

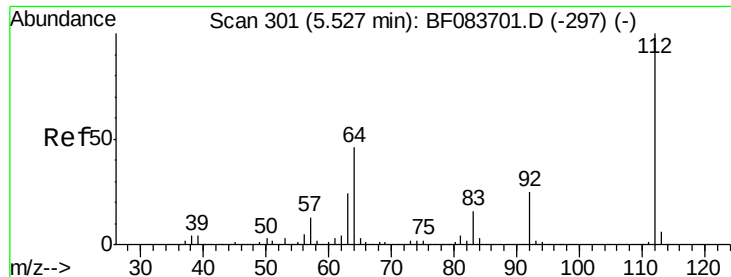


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 48.29 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

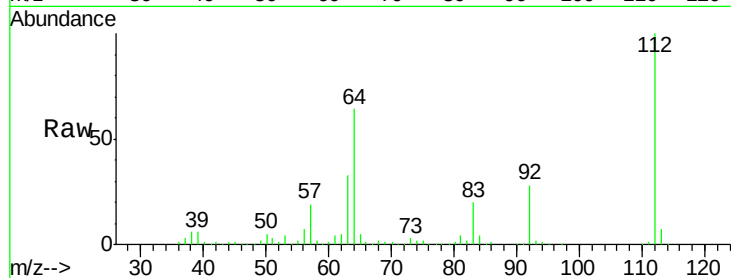
Tot Ion:112 Resp: 490721

Ion Ratio Lower Upper

112 100

64 63.9 50.5 75.7

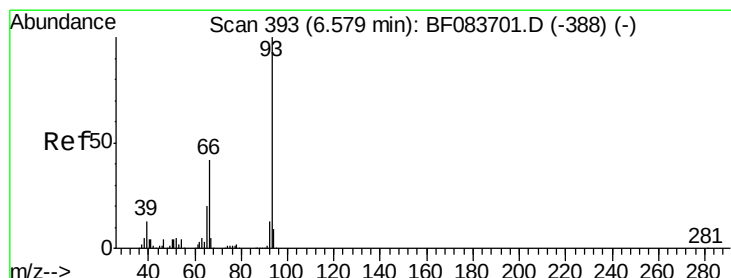
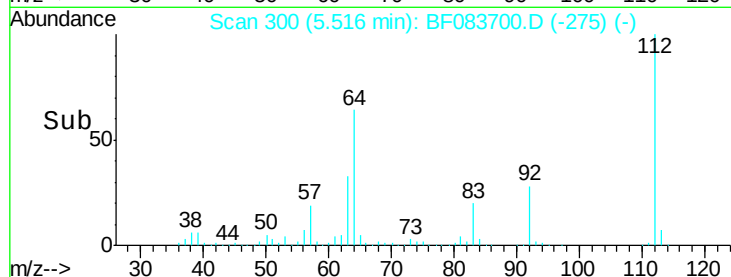
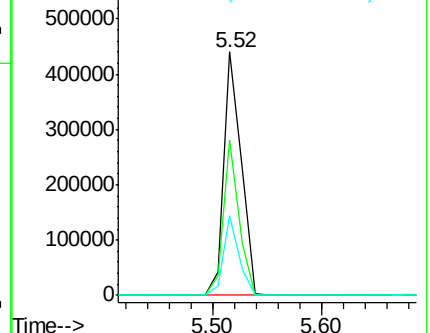
63 33.0 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.43 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

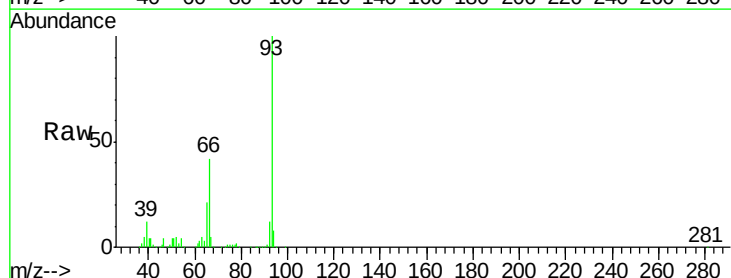
Tgt Ion: 93 Resp: 425452

Ion Ratio Lower Upper

93 100

66 41.7 41.3 61.9

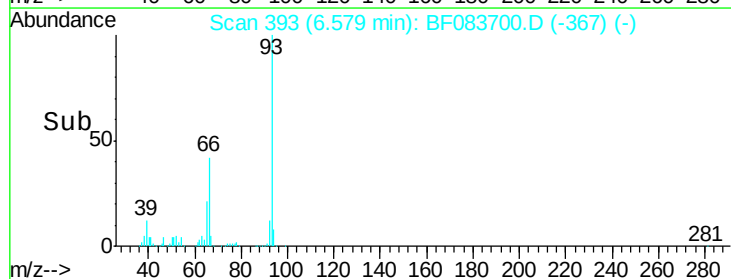
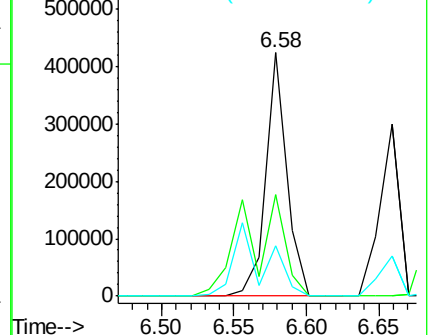
65 20.6 20.8 31.2#

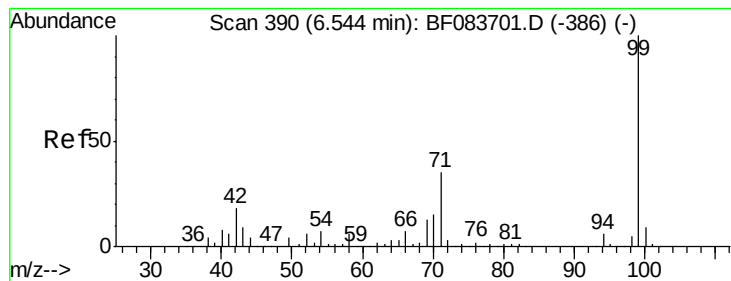


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 47.07 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

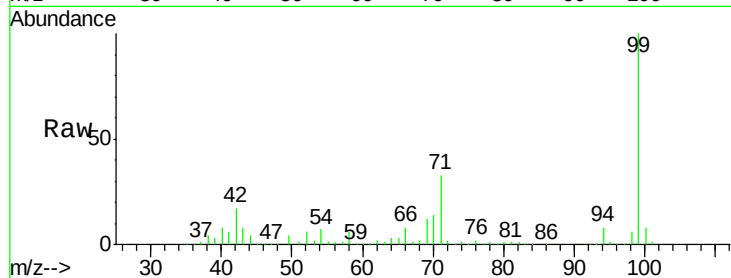
Instrument :

BNA_F

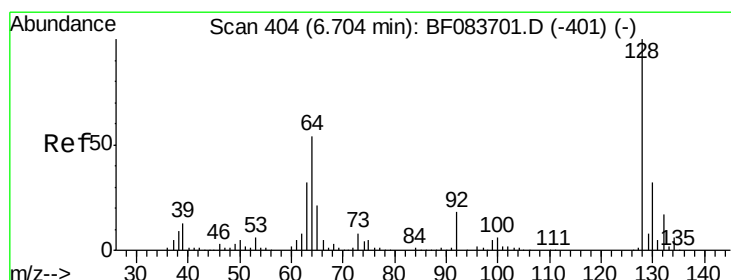
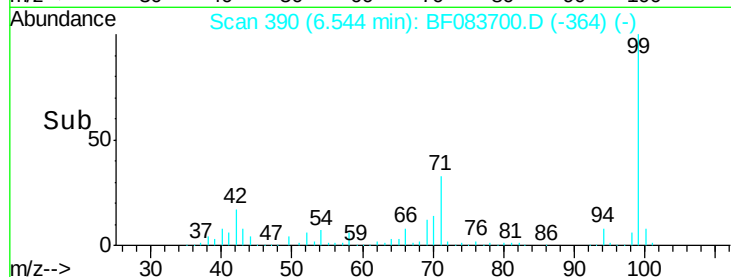
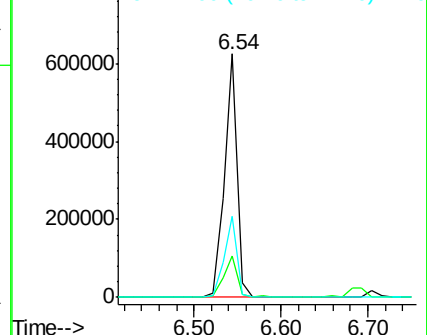
ClientSampleId :

Tot Ion: 99 Resp: 639122

Ion	Ratio	Lower	Upper
99	100		
42	16.8	17.3	25.9#
71	33.2	26.6	40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 25.78 ng

RT: 6.70 min Scan# 404

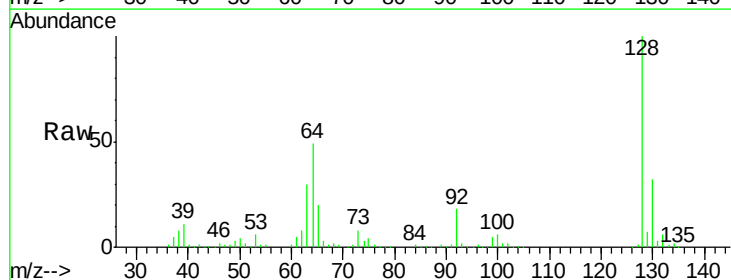
Delta R.T. 0.00 min

Lab File: BF083700.D

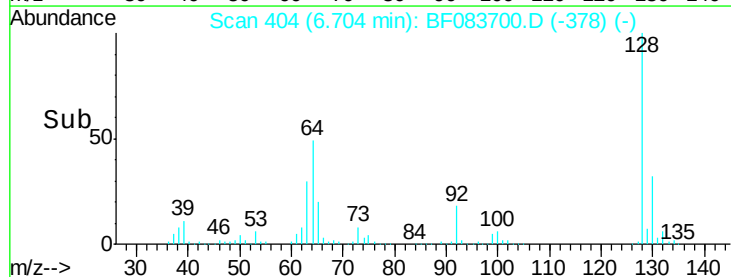
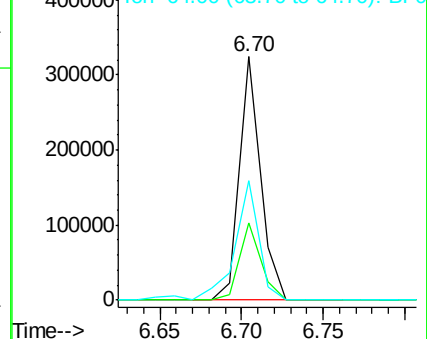
Acq: 11 Dec 2015 16:15

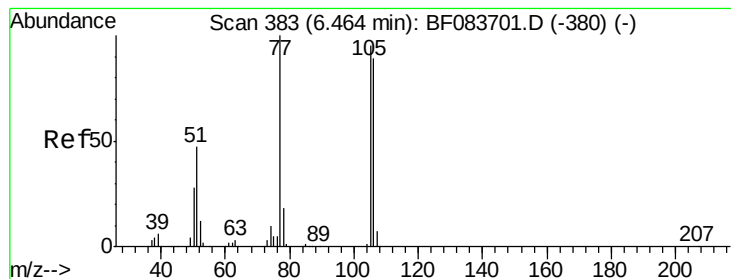
Tgt Ion: 128 Resp: 286544

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.6	52.6
64	49.2	38.6	78.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.74 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampled :

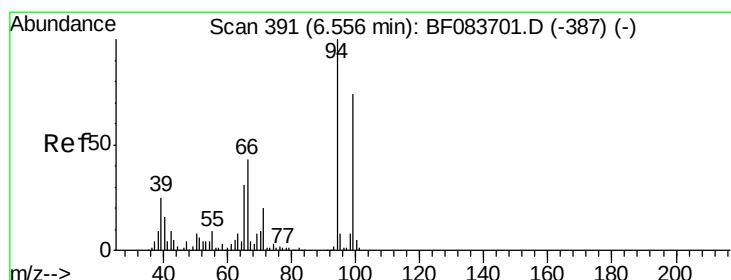
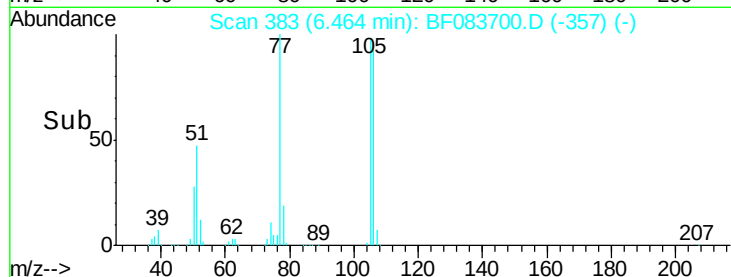
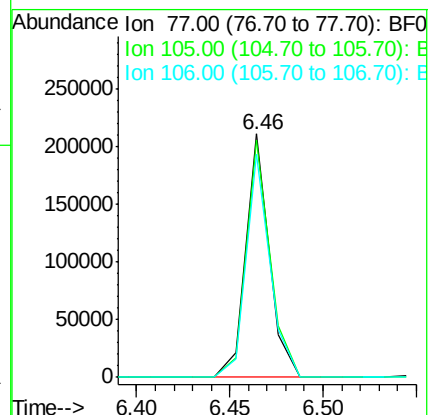
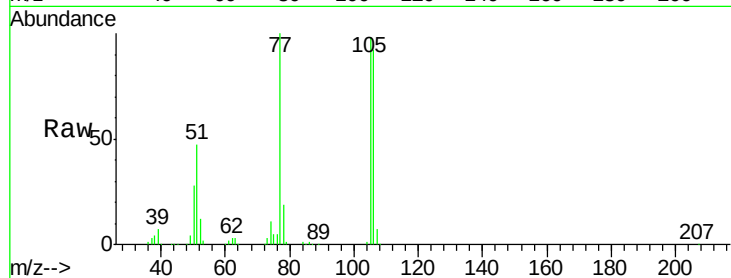
Tot Ion: 77 Resp: 185665

Ion Ratio Lower Upper

77 100

105 97.7 71.8 111.8

106 91.9 66.8 106.8



#10

Phenol

Concen: 23.80 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

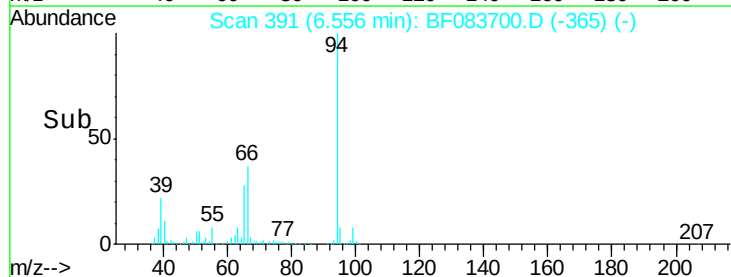
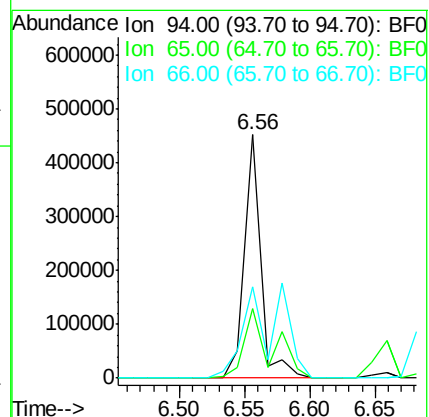
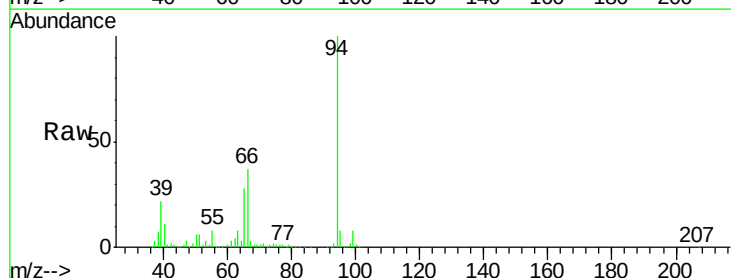
Tgt Ion: 94 Resp: 391465

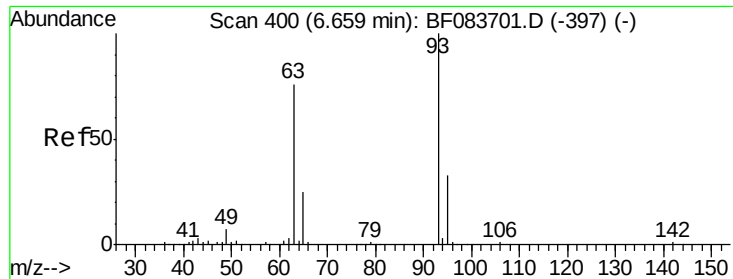
Ion Ratio Lower Upper

94 100

65 28.3 20.9 60.9

66 37.3 41.6 81.6#





#11

bis(2-Chloroethyl)ether

Concen: 22.87 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

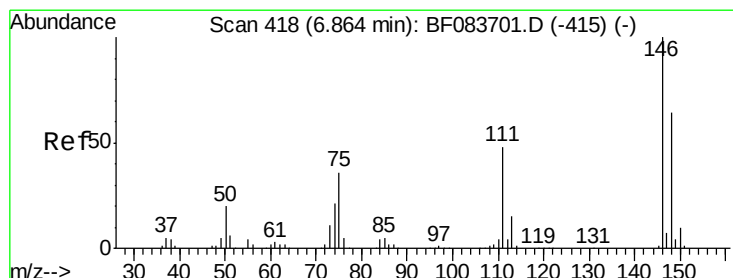
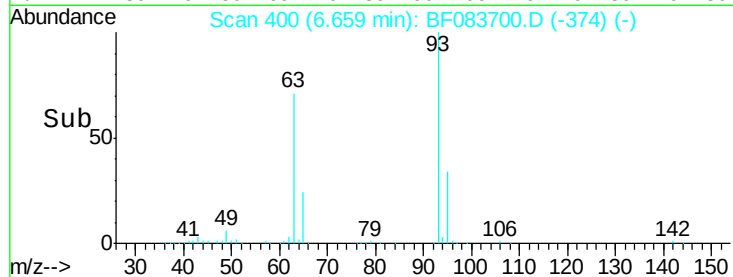
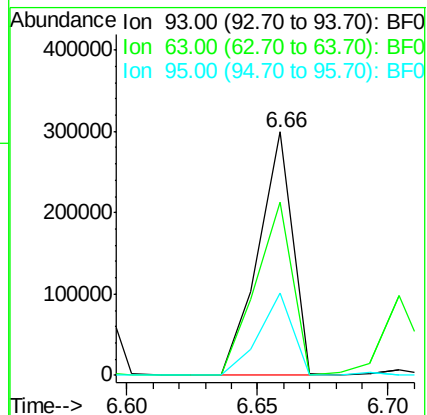
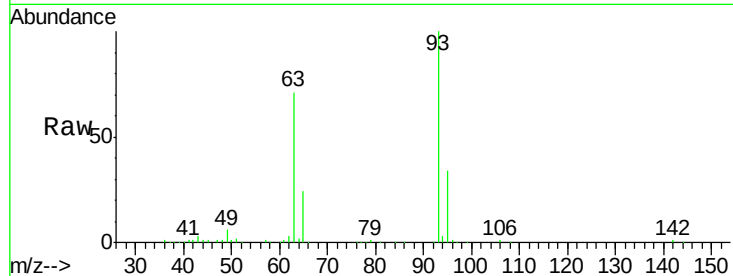
Tot Ion: 93 Resp: 276668

Ion Ratio Lower Upper

93 100

63 71.2 64.7 104.7

95 33.6 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 24.75 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

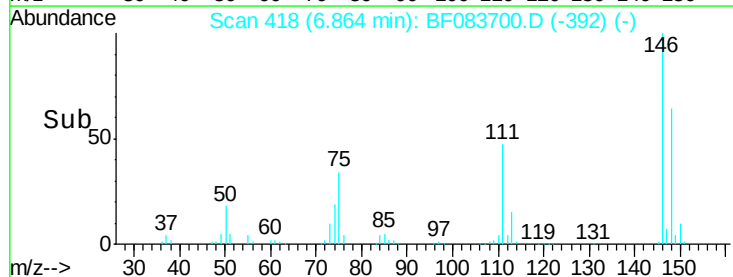
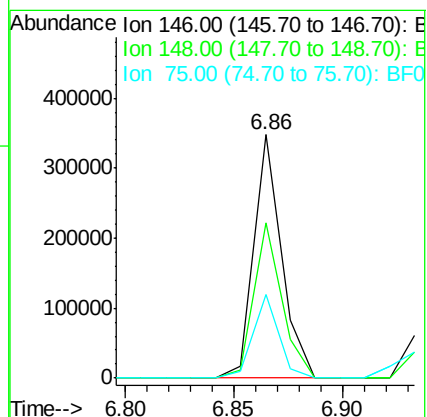
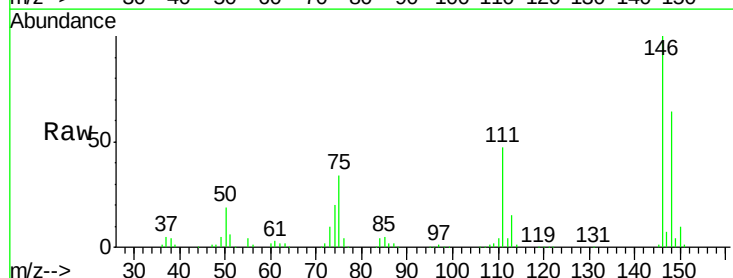
Tgt Ion: 146 Resp: 306518

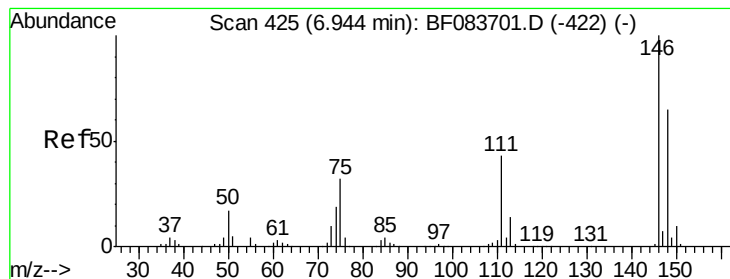
Ion Ratio Lower Upper

146 100

148 63.9 51.3 76.9

75 34.1 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 25.84 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

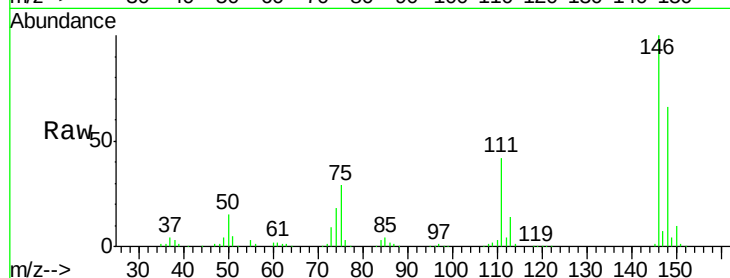
Tot Ion:146 Resp: 328336

Ion Ratio Lower Upper

146 100

148 65.7 50.6 76.0

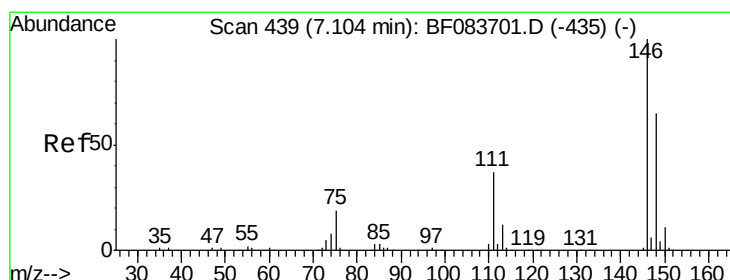
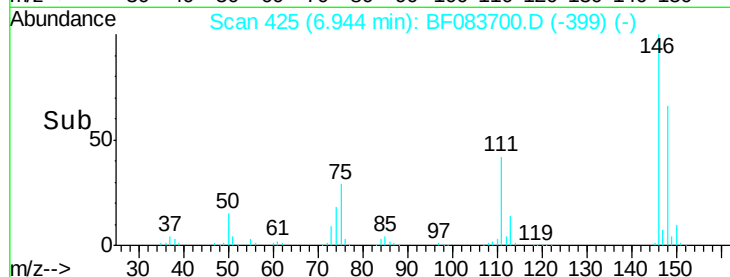
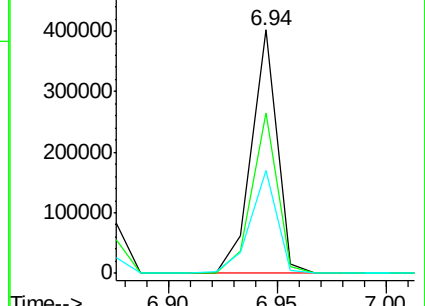
111 42.3 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 23.83 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

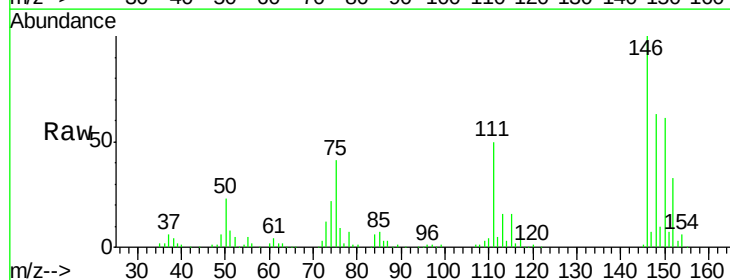
Tgt Ion:146 Resp: 280980

Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.0

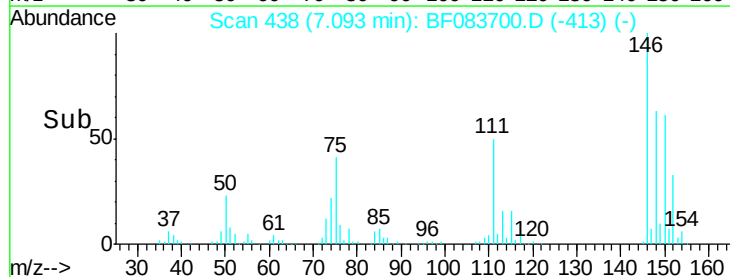
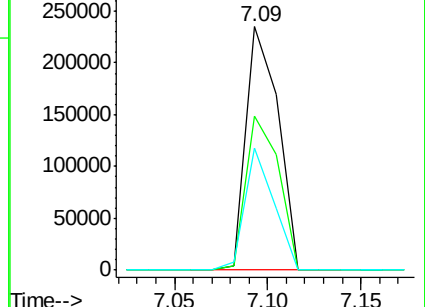
111 50.2 36.7 55.1

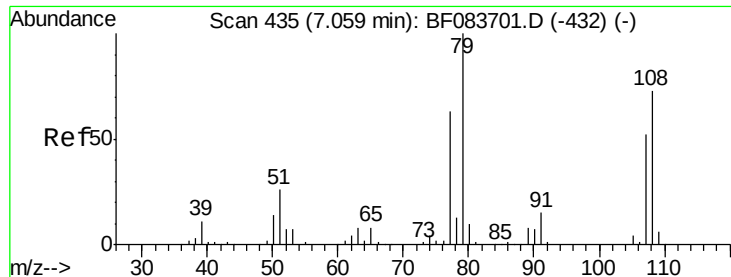


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 23.20 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :
BNA_F
ClientSampleId :

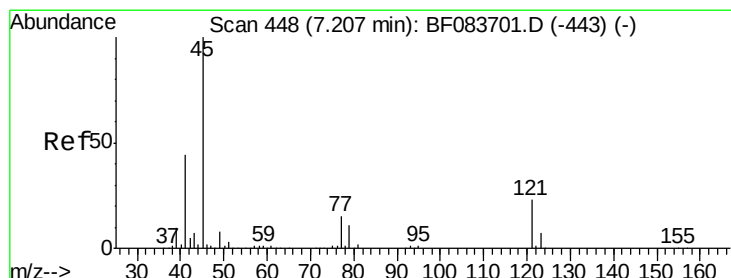
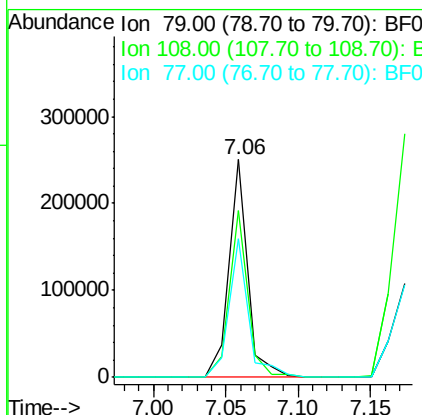
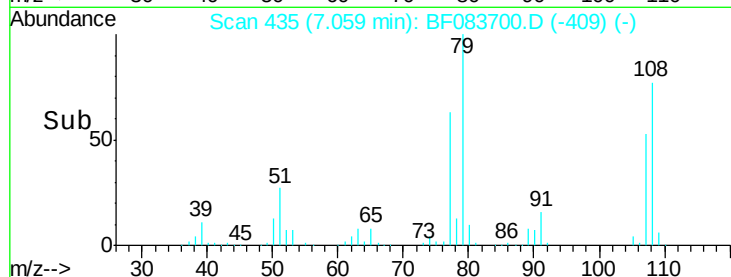
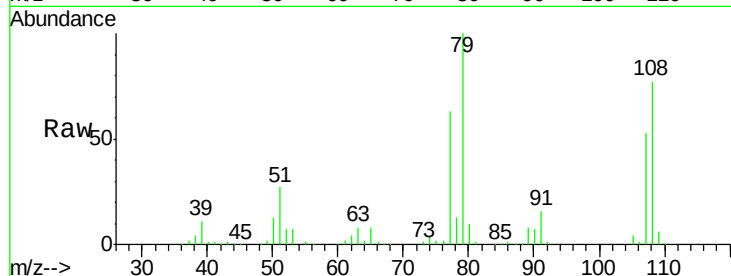
Tot Ion: 79 Resp: 224110

Ion Ratio Lower Upper

79 100

108 76.7 59.6 89.4

77 63.5 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.60 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

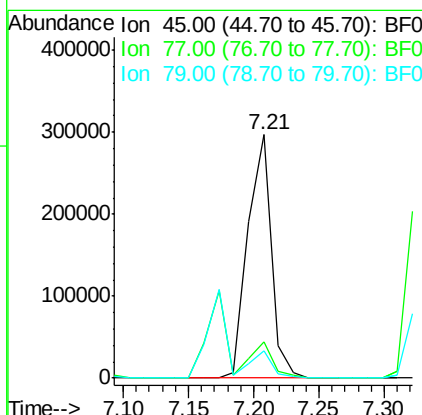
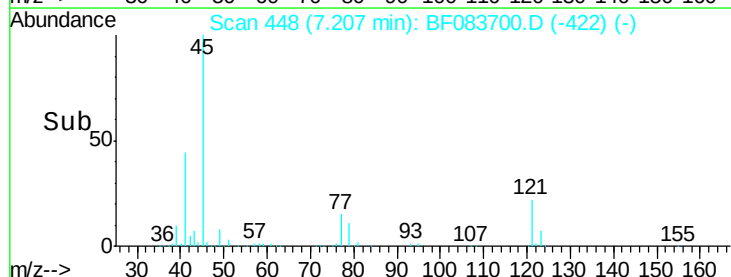
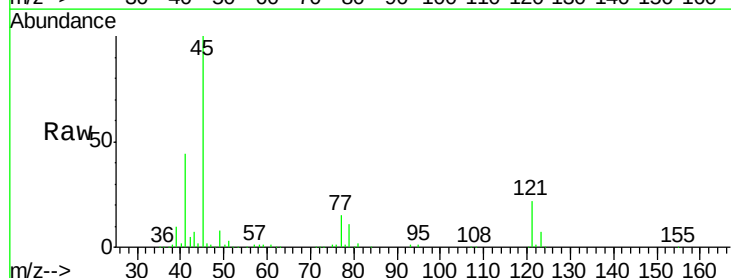
Tgt Ion: 45 Resp: 371414

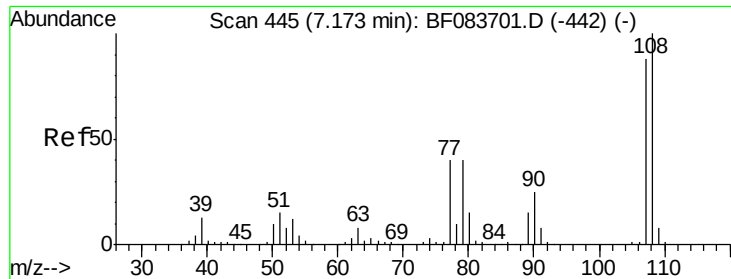
Ion Ratio Lower Upper

45 100

77 14.7 12.8 52.8

79 11.4 10.7 50.7

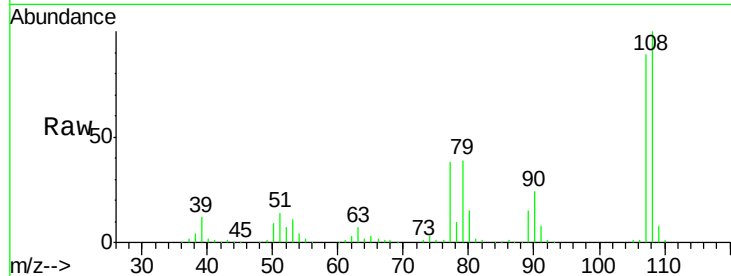




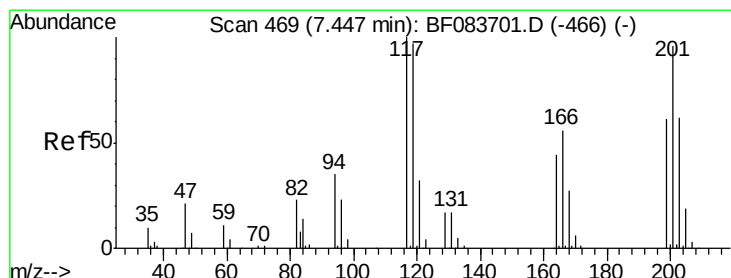
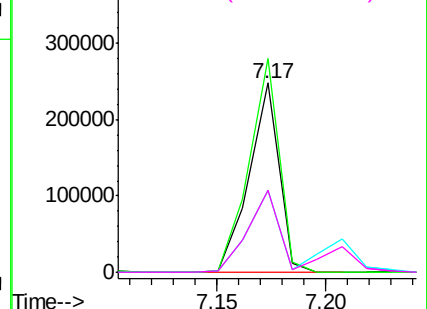
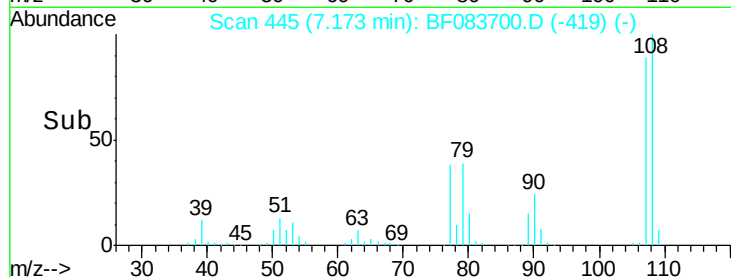
#17
2-Methylphenol
Concen: 26.28 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 237597
Ion Ratio Lower Upper
107 100
108 112.8 91.6 137.4
77 42.9 53.7 80.5#
79 43.5 50.2 75.4#

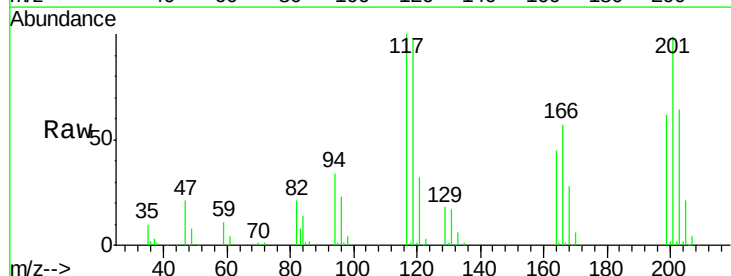


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

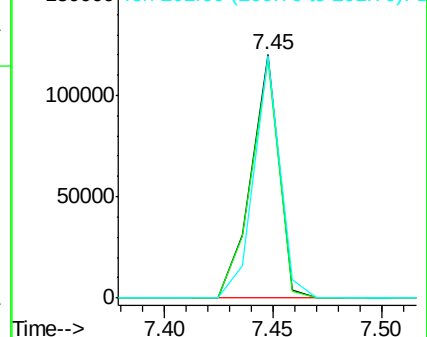
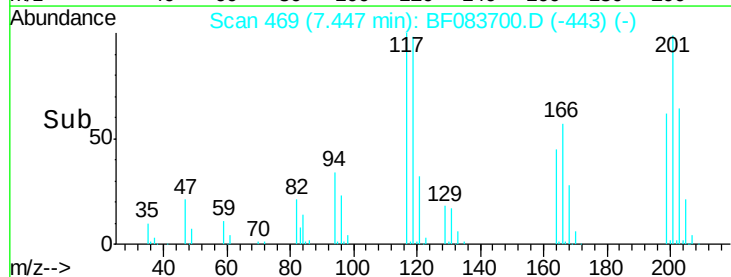


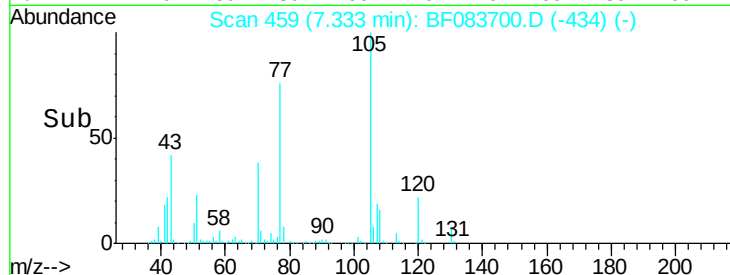
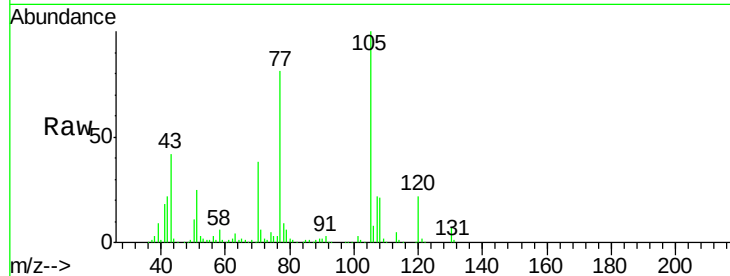
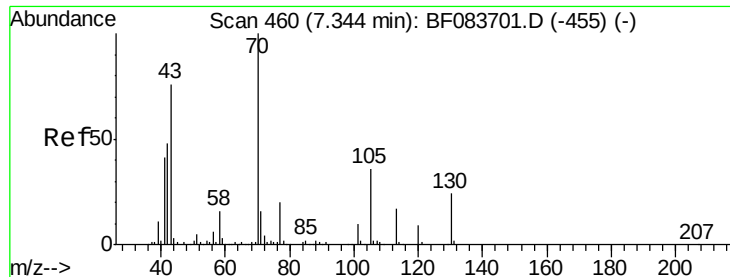
#18
Hexachloroethane
Concen: 23.78 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Tgt Ion:117 Resp: 106687
Ion Ratio Lower Upper
117 100
119 98.0 77.2 115.8
201 99.3 86.8 130.2



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

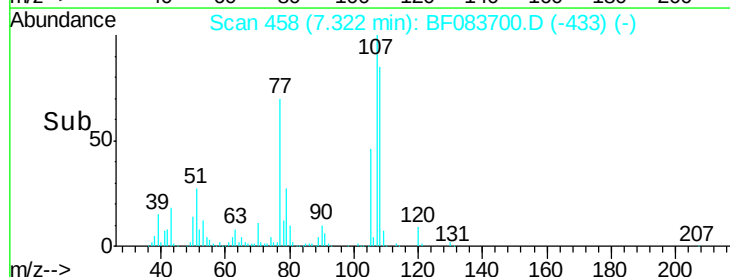
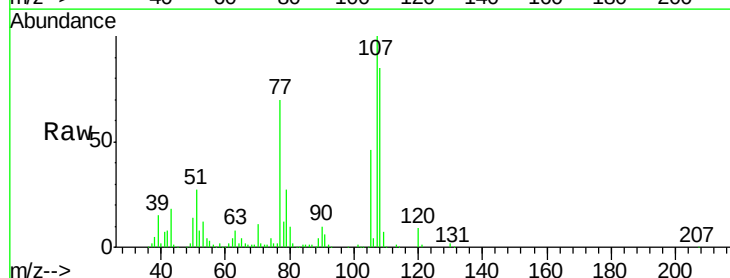
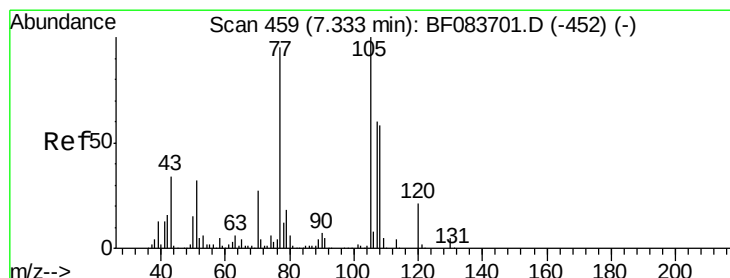
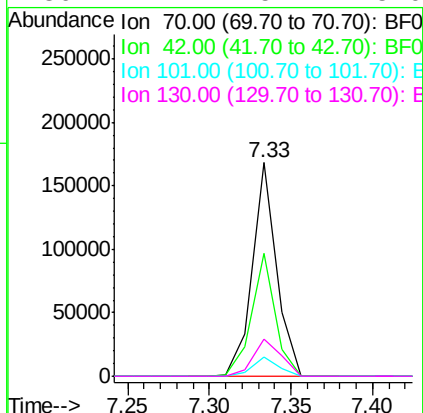




#19
n-Nitroso-di-n-propylamine
Concen: 18.29 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

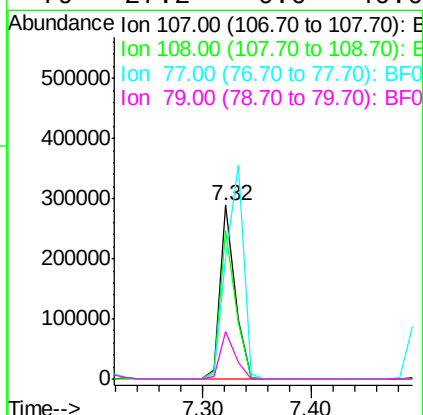
Instrument :
BNA_F
ClientSampled :

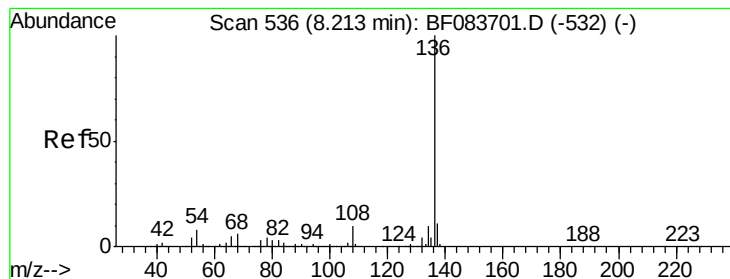
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.6	49.2	73.8
101	8.9	7.1	10.7
130	17.7	15.4	23.0



#20
3+4-Methylphenols
Concen: 23.43 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	65.2	105.2
77	70.2	15.2	55.2
79	27.2	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF083700.D

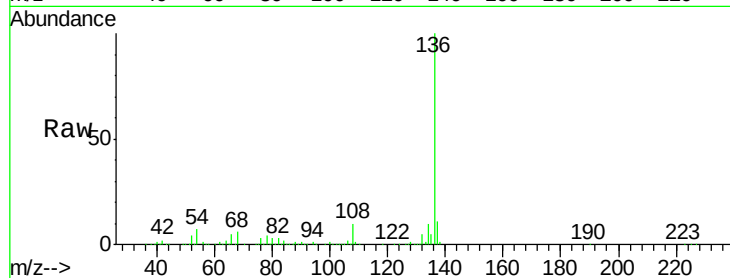
Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	625092
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	7.2	7.8 11.6#
68	5.9	5.7 8.5



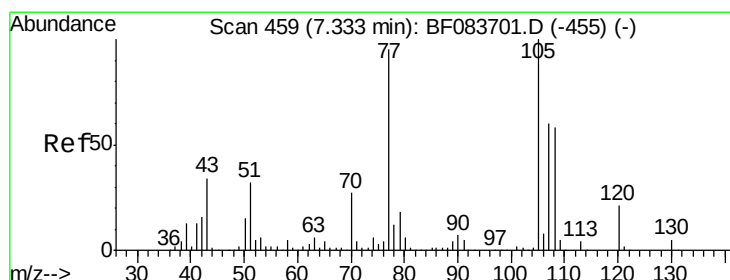
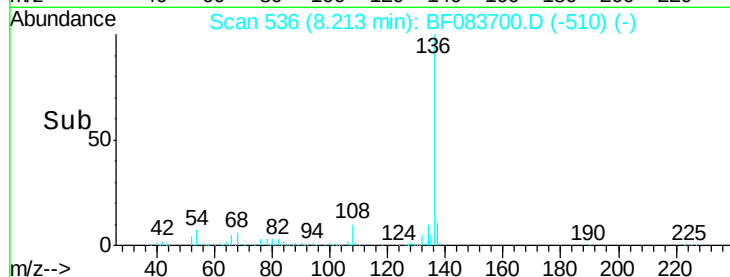
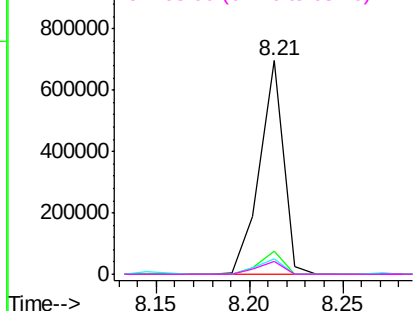
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 23.05 ng

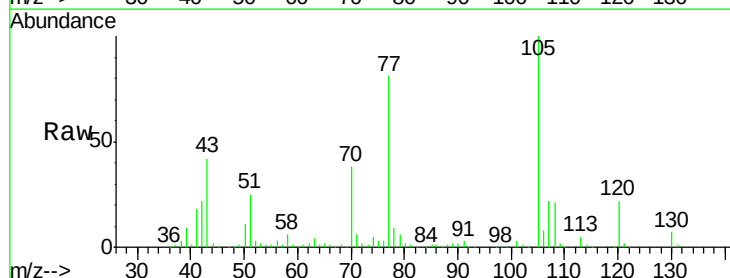
RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Tgt Ion:105	Resp:	404232
Ion Ratio	Lower	Upper
105	100	
71	6.2	1.3 1.9#
51	25.3	23.8 35.8
120	21.5	16.7 25.1



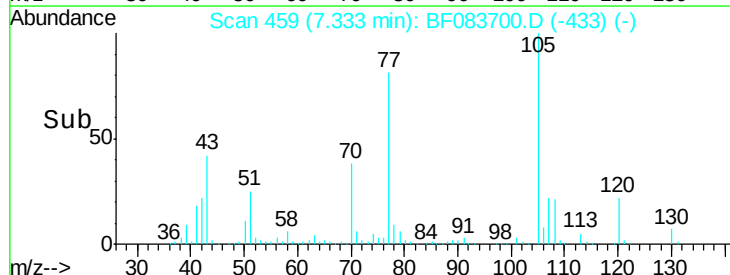
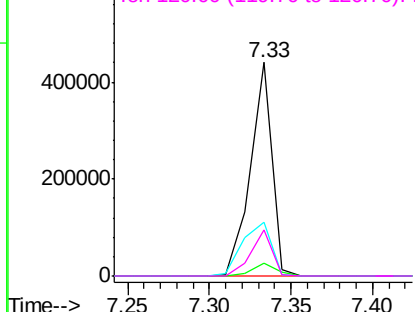
Abundance

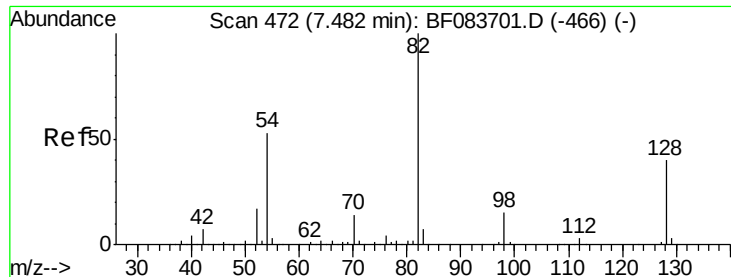
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

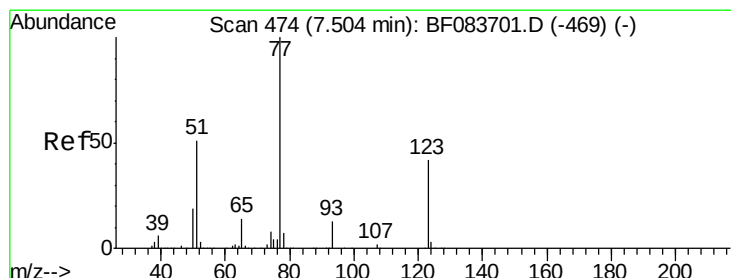
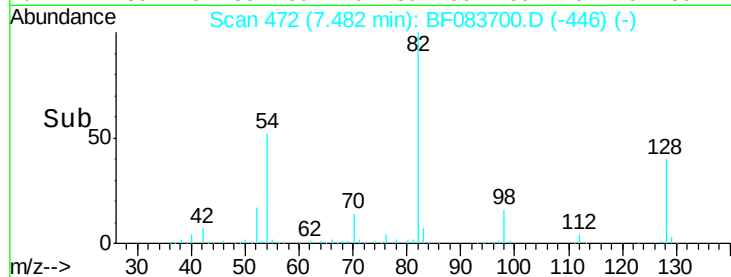
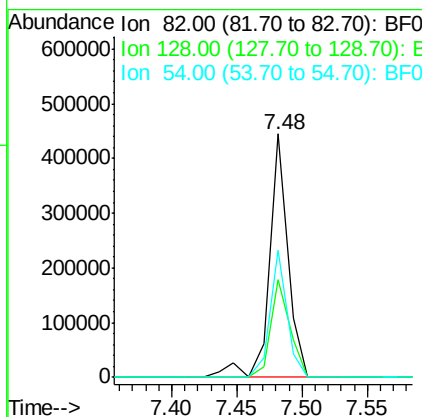
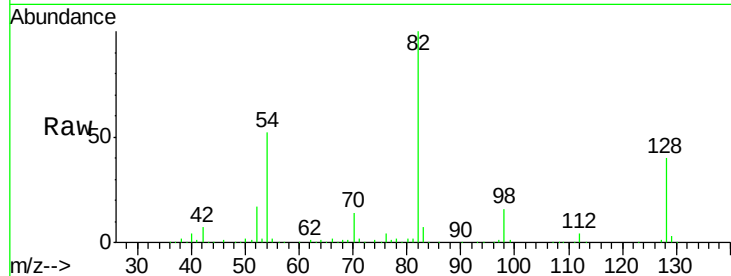




#23
 Nitrobenzene-d5
 Concen: 33.44 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

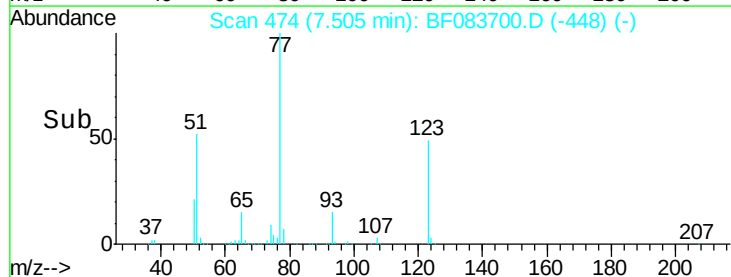
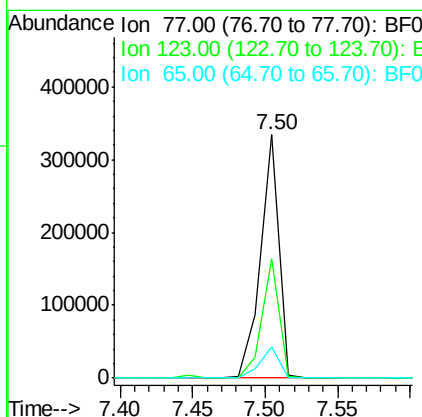
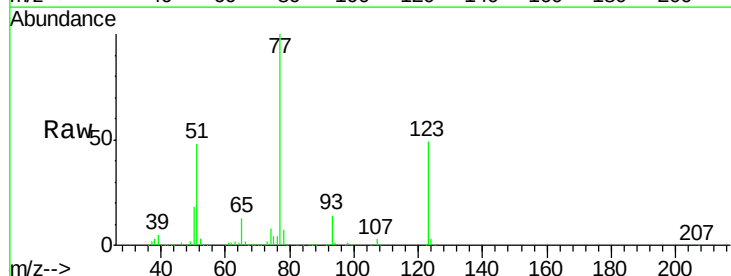
Instrument :
 BNA_F
 ClientSampled :

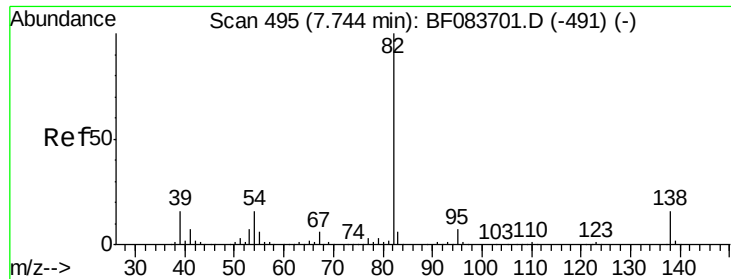
Tot Ion	82	Resp	447978
Ion Ratio	100	Lower	Upper
128	40.0	30.7	46.1
54	52.2	42.5	63.7



#24
 Nitrobenzene
 Concen: 19.82 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Tgt Ion	77	Resp	293442
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
123	48.9	29.8	44.6#
65	13.0	11.1	16.7





#25

Isophorone

Concen: 19.98 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

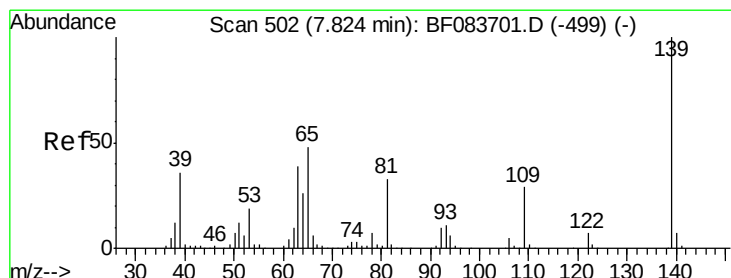
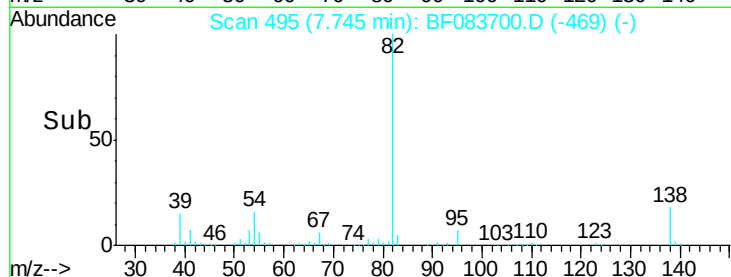
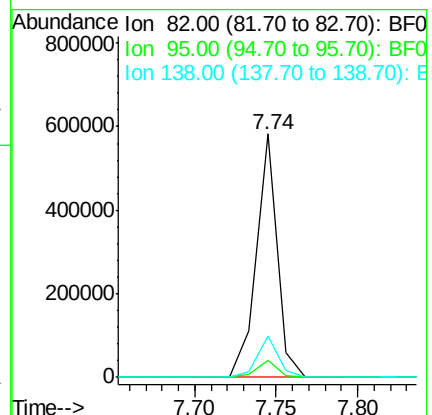
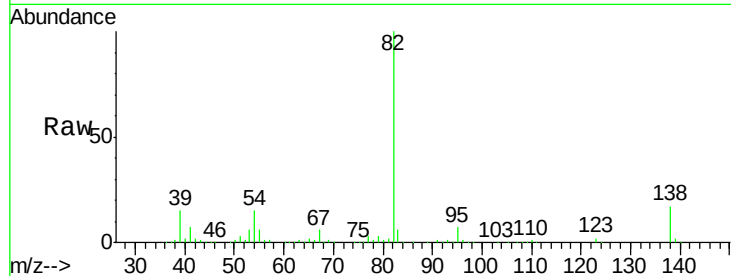
Tot Ion: 82 Resp: 519316

Ion Ratio Lower Upper

82 100

95 7.1 5.0 7.4

138 16.8 12.1 18.1



#26

2-Nitrophenol

Concen: 17.89 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

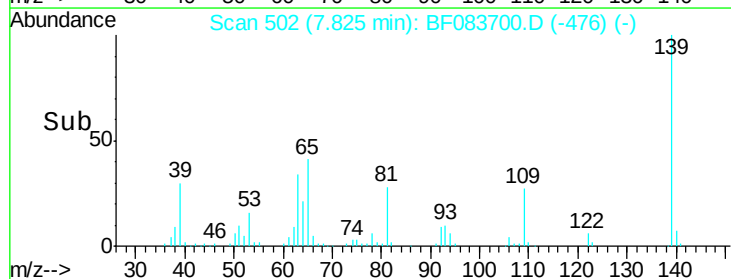
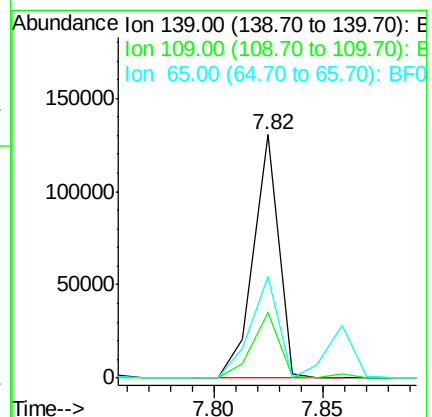
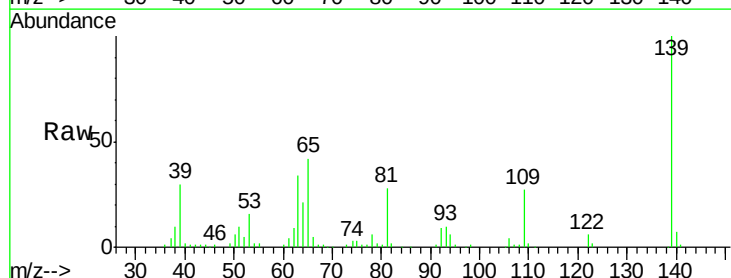
Tgt Ion: 139 Resp: 105187

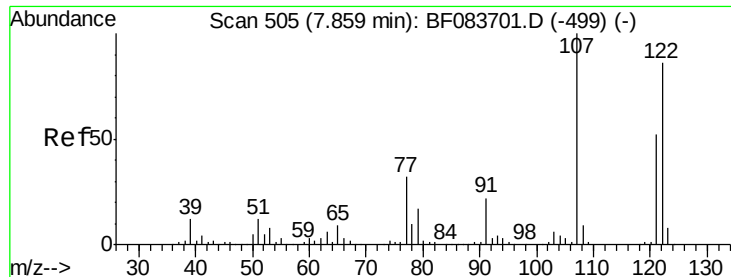
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 41.6 51.8 77.8#





#27

2,4-Dimethylphenol

Concen: 26.11 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

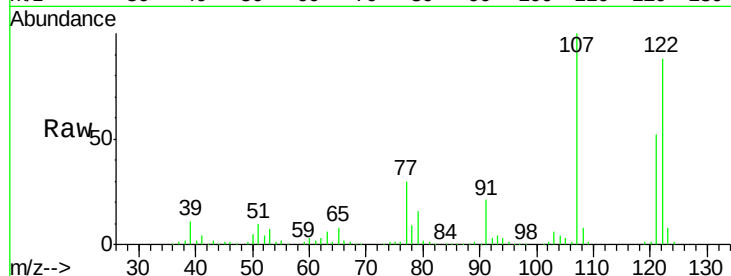
Tot Ion:122 Resp: 268480

Ion Ratio Lower Upper

122 100

107 113.3 92.4 138.6

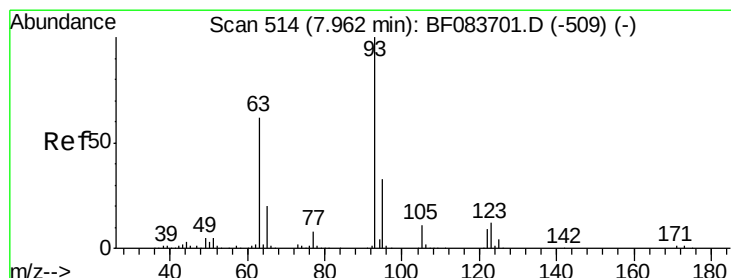
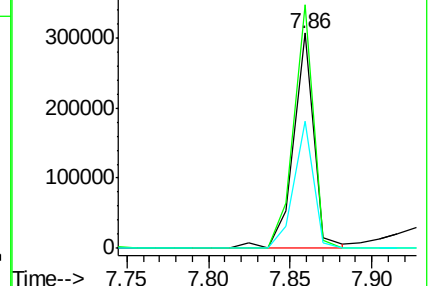
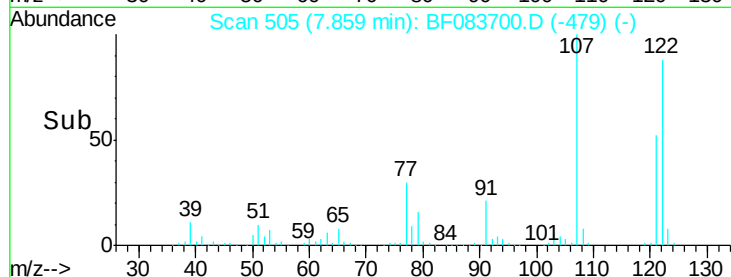
121 59.4 45.8 68.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 21.12 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

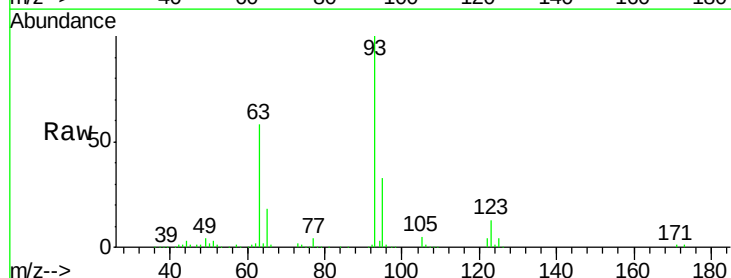
Tgt Ion: 93 Resp: 304839

Ion Ratio Lower Upper

93 100

95 33.2 25.6 38.4

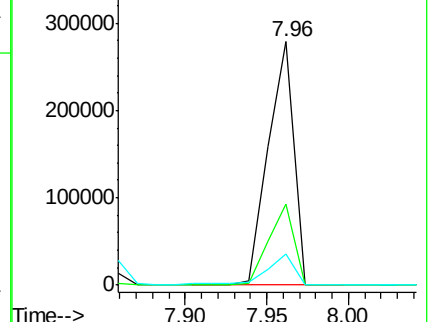
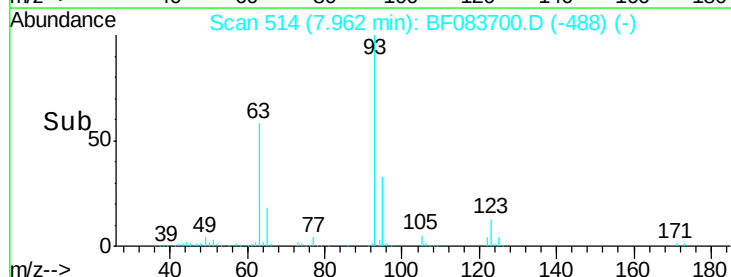
123 12.7 7.3 10.9#

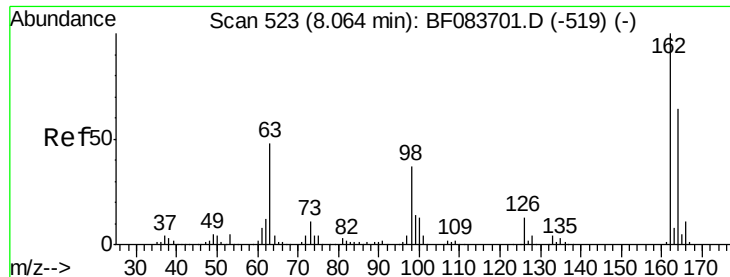


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

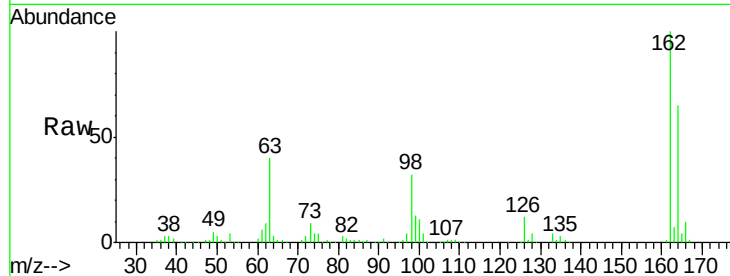




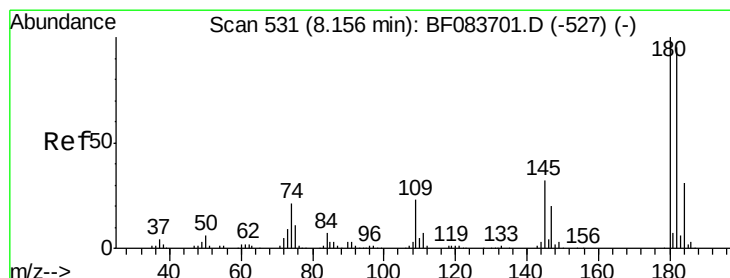
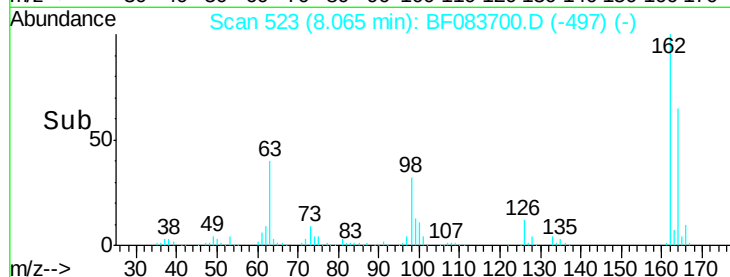
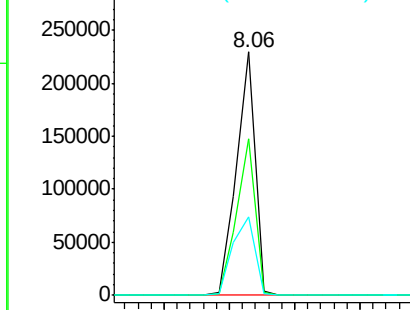
#29
 2,4-Dichlorophenol
 Concen: 24.26 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.4	83.4
98	32.5	17.5	57.5

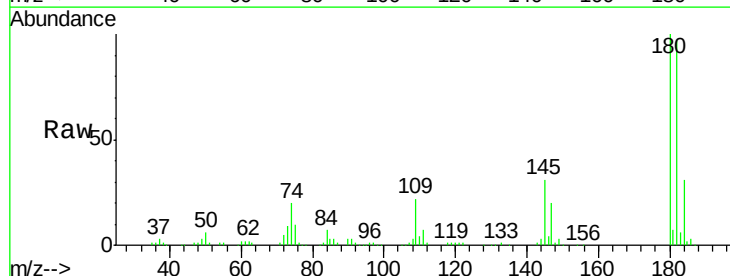


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

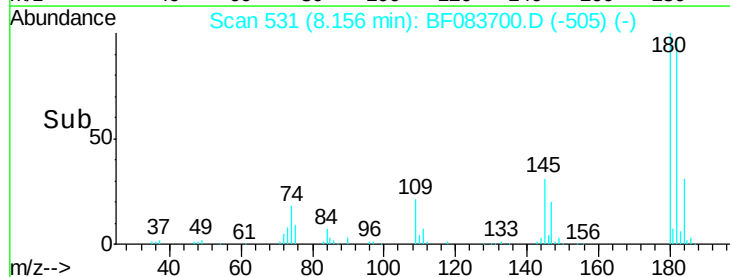
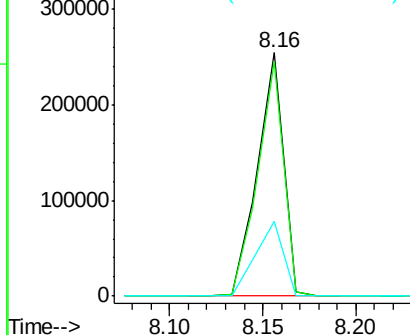


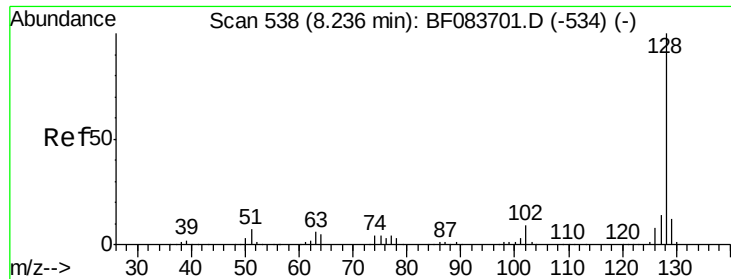
#30
 1,2,4-Trichlorobenzene
 Concen: 23.83 ng
 RT: 8.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	74.9	112.3
145	30.8	24.7	37.1



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

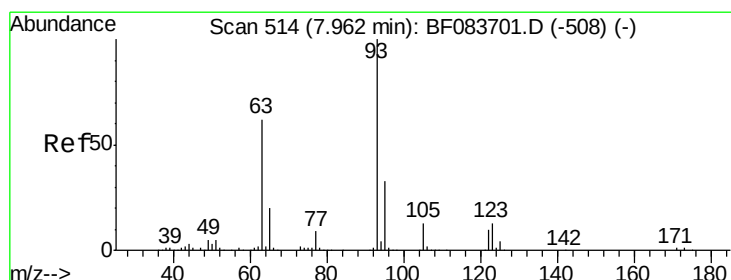
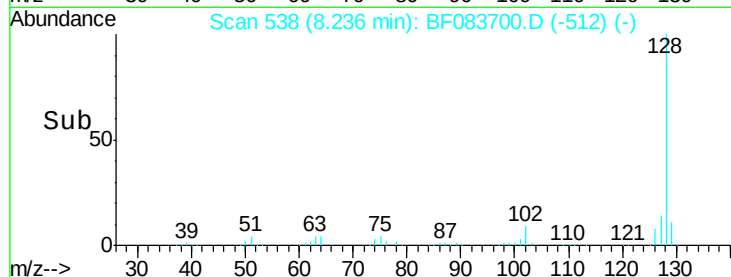
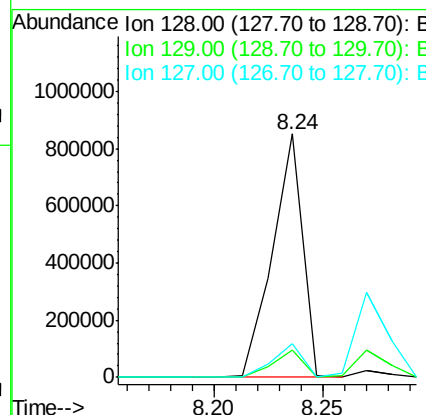
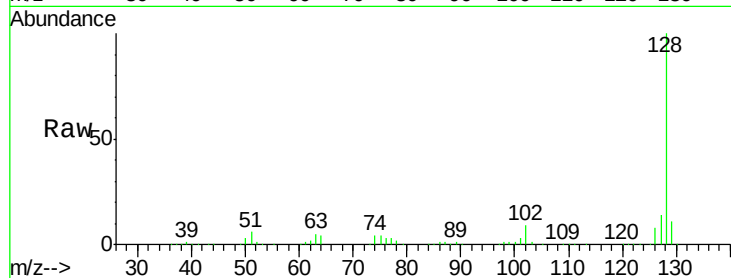




#31
Naphthalene
Concen: 25.11 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

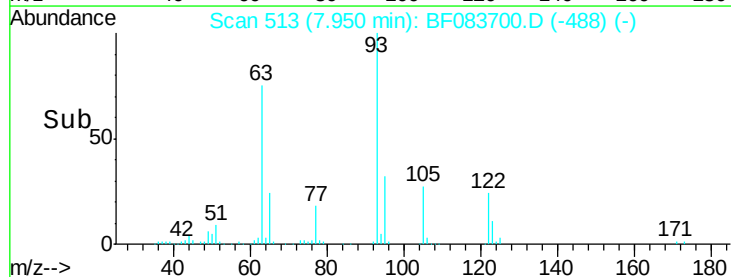
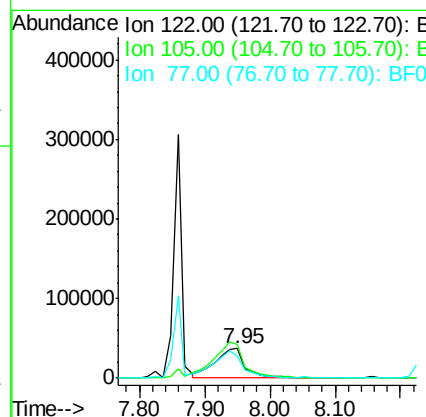
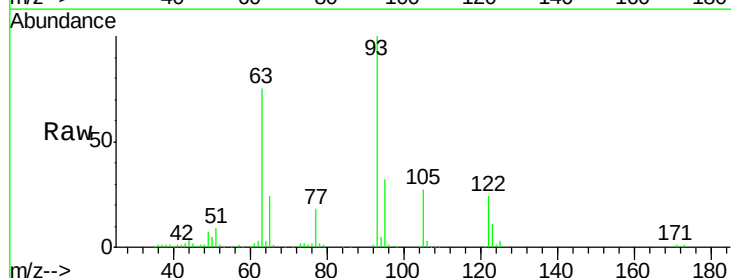
Instrument :
BNA_F
ClientSampleId :

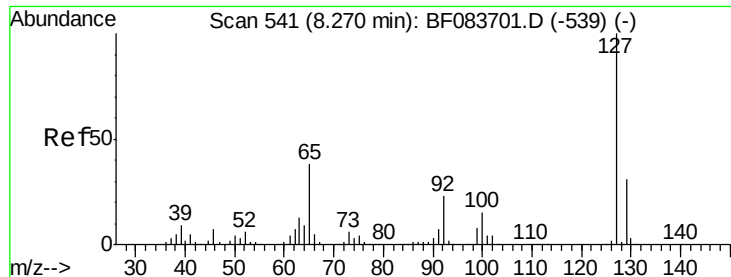
Tot Ion:128 Resp: 831311
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 20.76 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Tgt Ion:122 Resp: 120272
Ion Ratio Lower Upper
122 100
105 114.2 105.6 145.6
77 75.3 86.8 126.8#

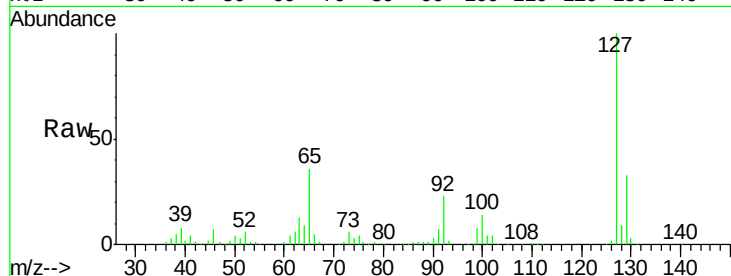




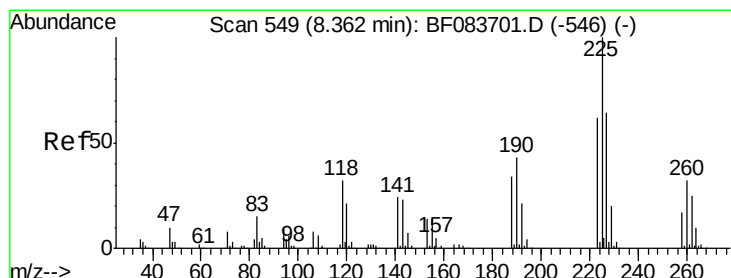
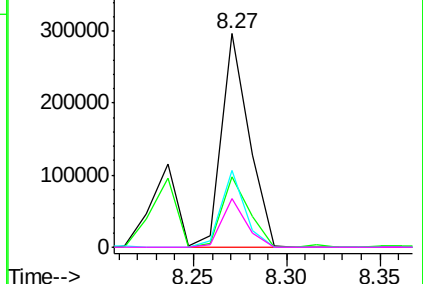
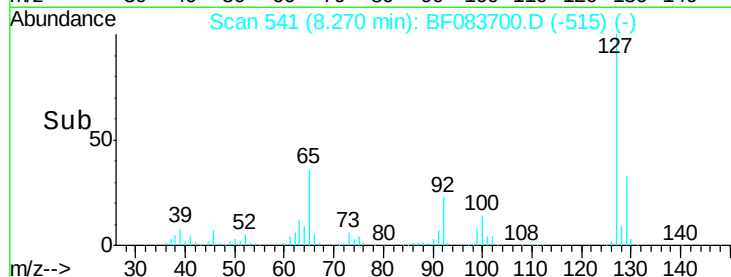
#33
4-Chloroaniline
Concen: 25.10 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	302974
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	36.0	33.5	50.3
92	22.7	18.6	28.0

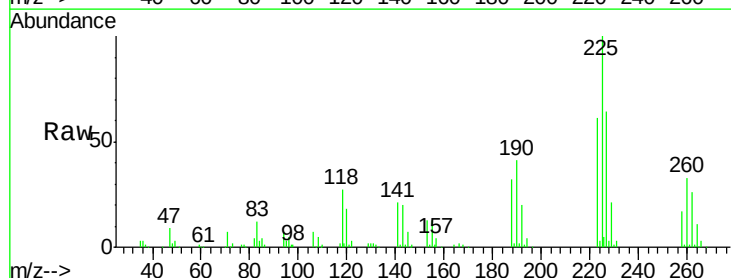


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

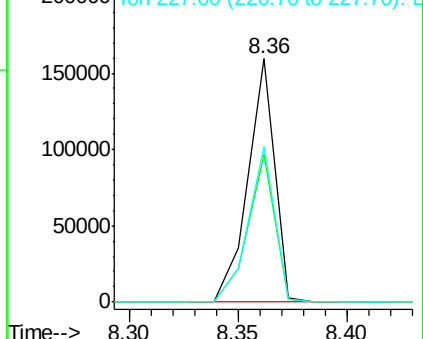
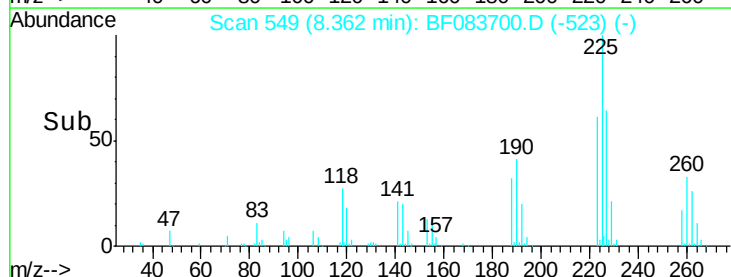


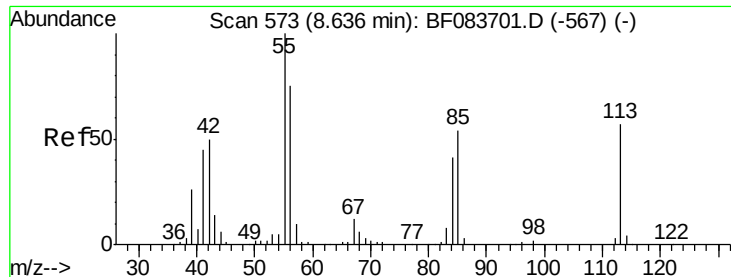
#34
Hexachlorobutadiene
Concen: 22.54 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Tgt Ion:	225	Resp:	136049
Ion	Ratio	Lower	Upper
225	100		
223	60.8	52.3	78.5
227	63.9	50.4	75.6



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





#35

Caprolactam

Concen: 25.28 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

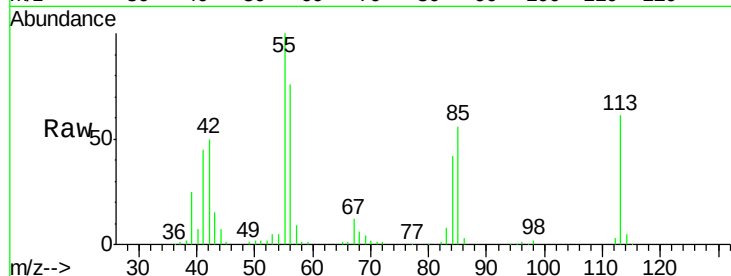
Tot Ion:113 Resp: 70975

Ion Ratio Lower Upper

113 100

55 162.6 189.7 229.7#

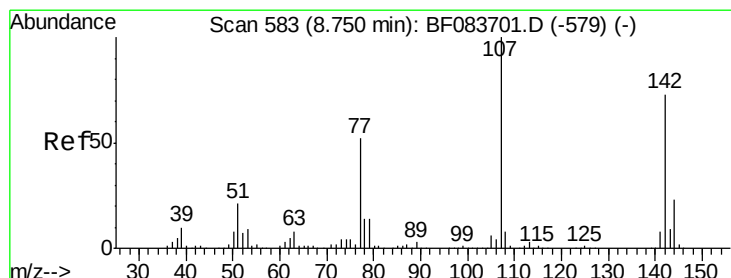
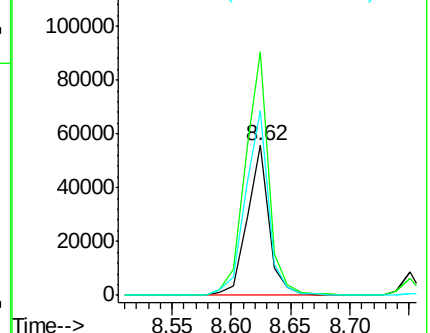
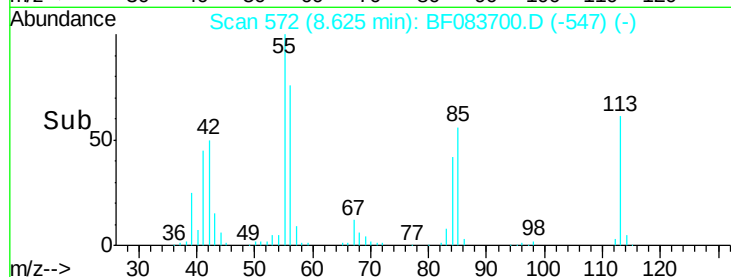
56 123.1 130.7 170.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 24.62 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

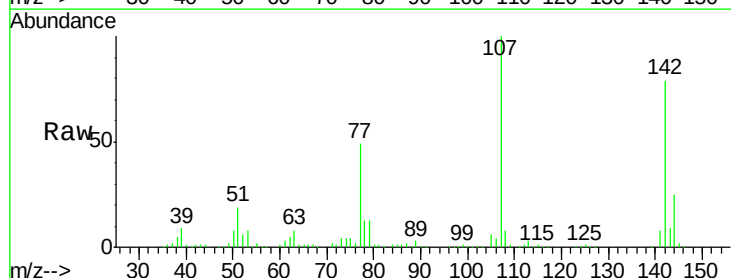
Tgt Ion:107 Resp: 258665

Ion Ratio Lower Upper

107 100

144 25.0 17.5 26.3

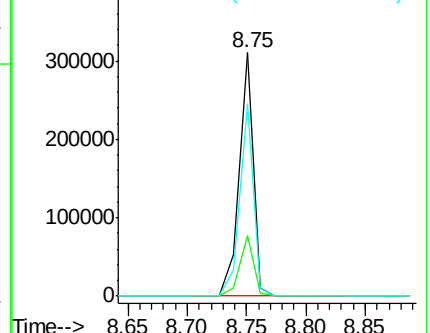
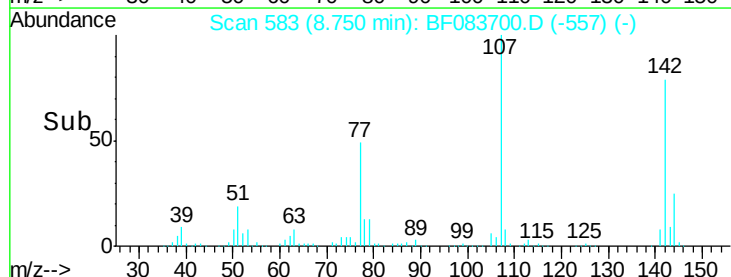
142 79.1 53.6 80.4

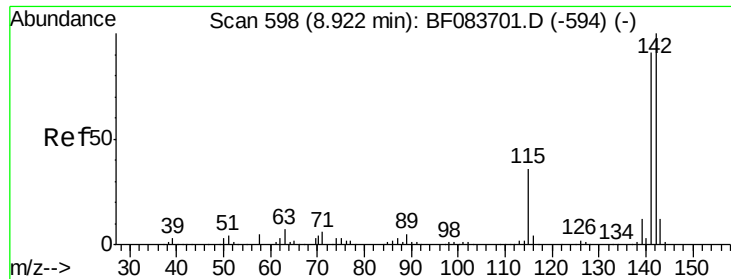


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

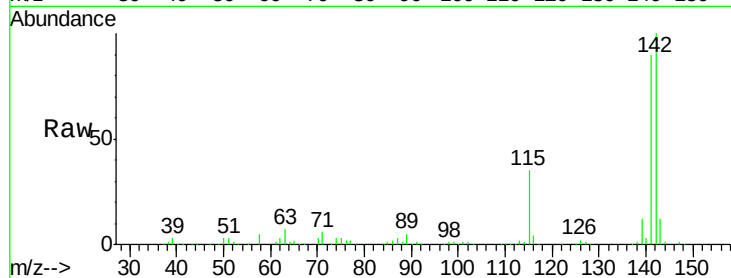




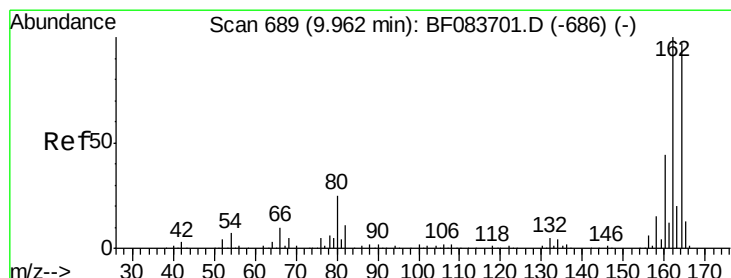
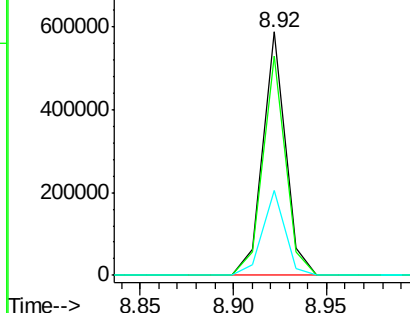
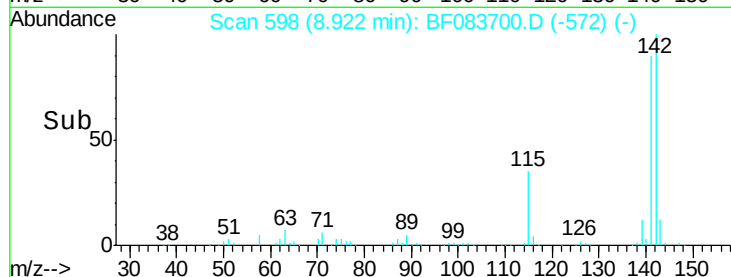
#37
 2-Methylnaphthalene
 Concen: 23.72 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.3	105.5
115	35.1	29.2	43.8

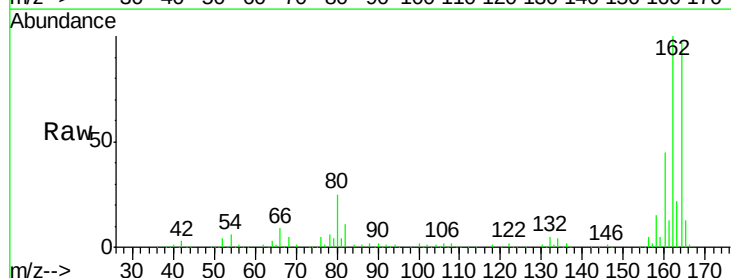


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

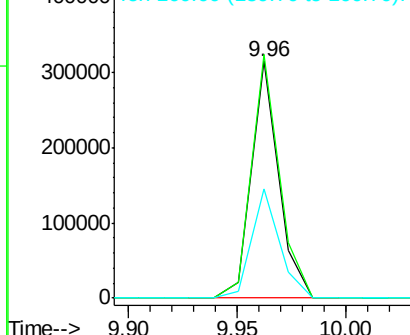
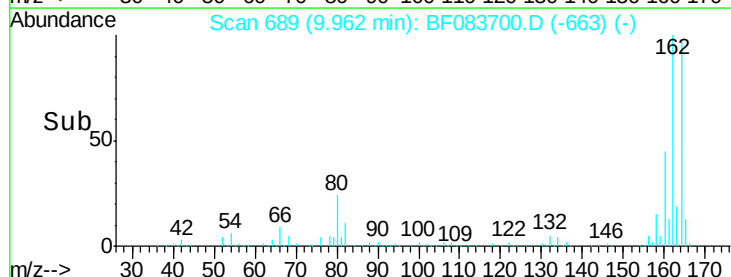


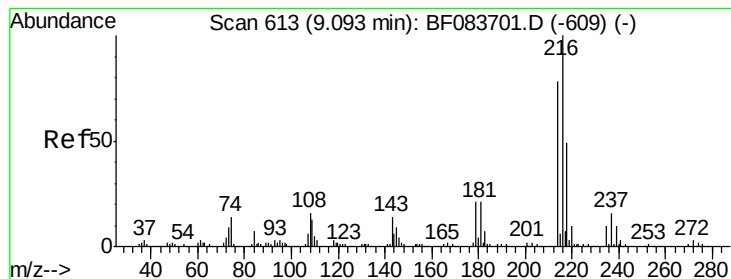
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	45.9	33.4	50.2



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: 26.01 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 234424

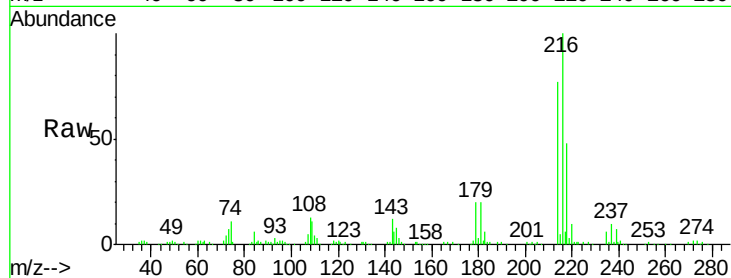
Ion Ratio Lower Upper

216 100

214 78.2 0.0 0.0#

179 21.3 0.0 0.0#

108 19.0 0.0 0.0#

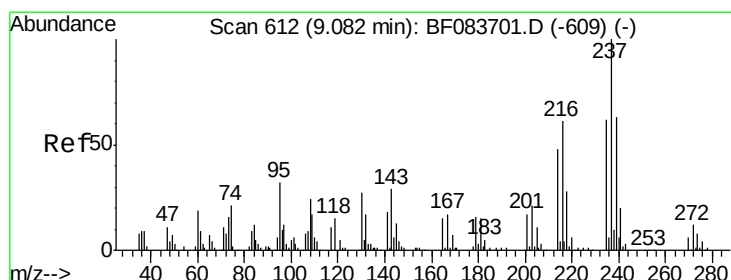
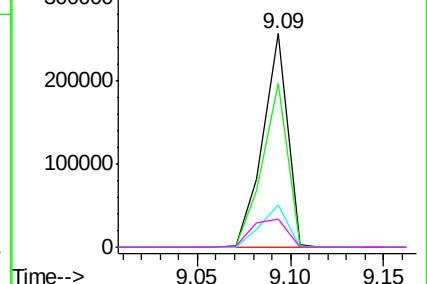
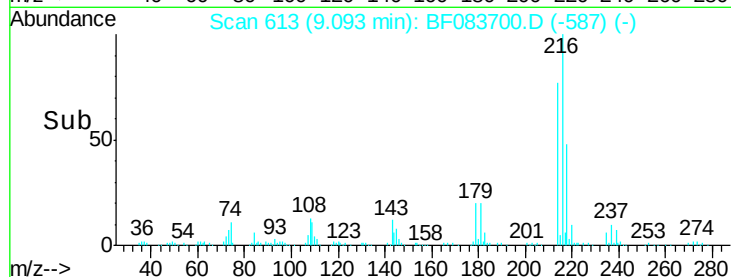


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.51 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

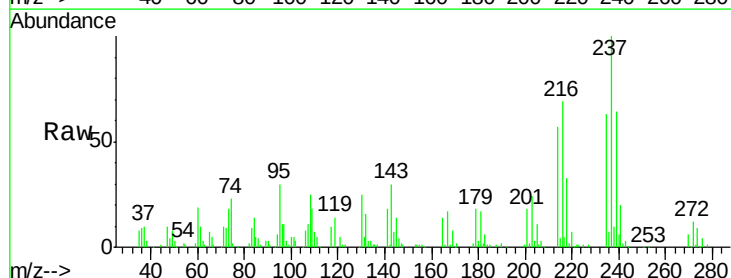
Tgt Ion:237 Resp: 101995

Ion Ratio Lower Upper

237 100

235 62.8 43.9 83.9

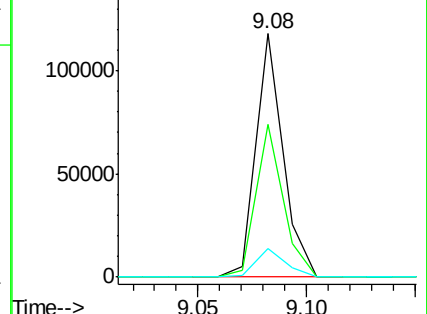
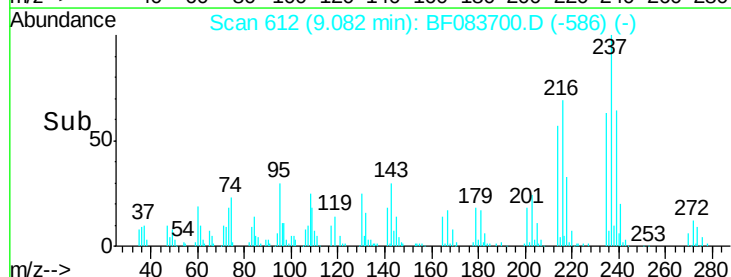
272 11.6 0.0 31.8

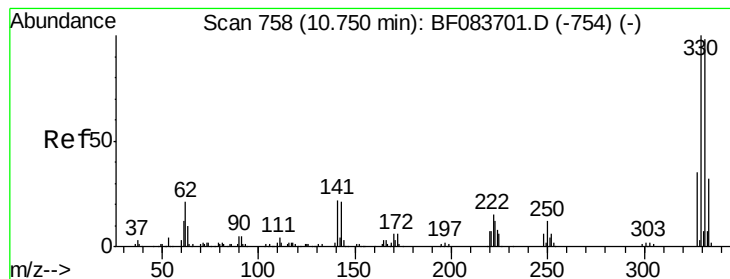


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 59.43 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

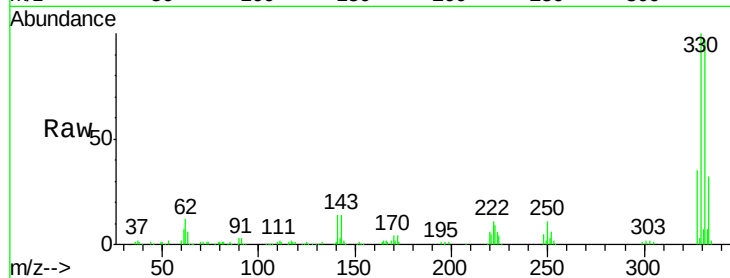
Tot Ion:330 Resp: 145325

Ion Ratio Lower Upper

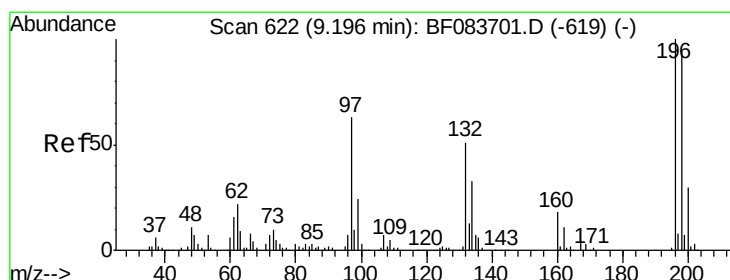
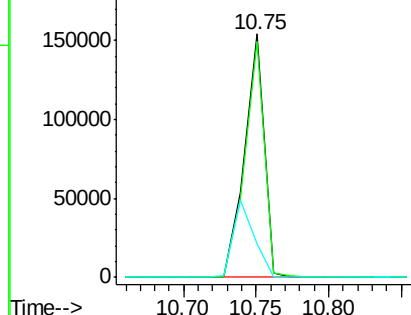
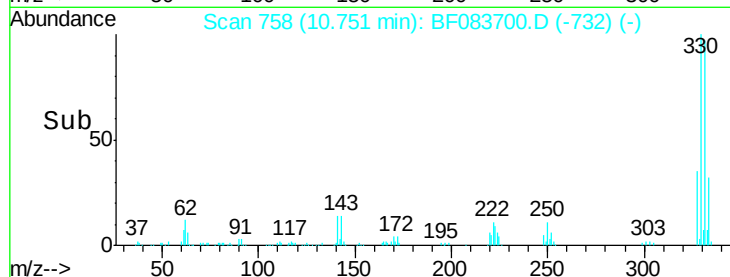
330 100

332 95.8 0.0 0.0#

141 34.1 0.0 0.0#



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



#42

2,4,6-Trichlorophenol

Concen: 30.65 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

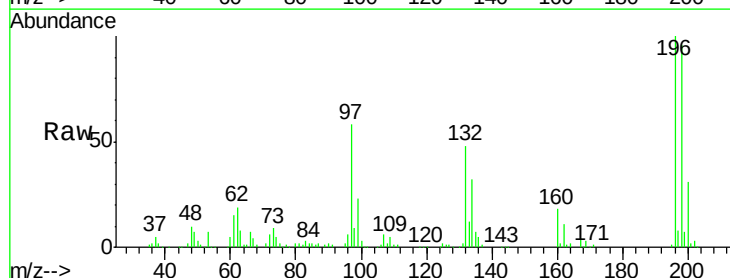
Tgt Ion:196 Resp: 164346

Ion Ratio Lower Upper

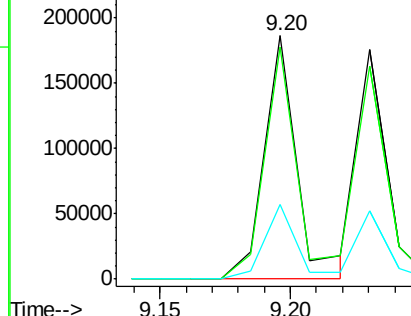
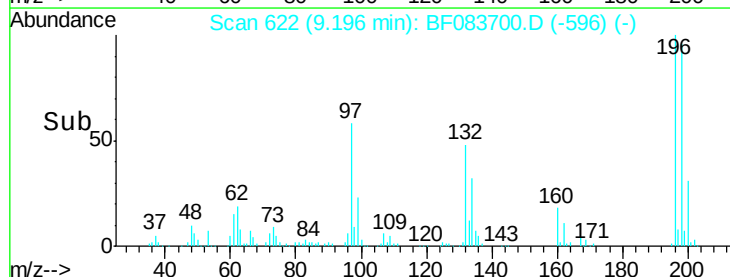
196 100

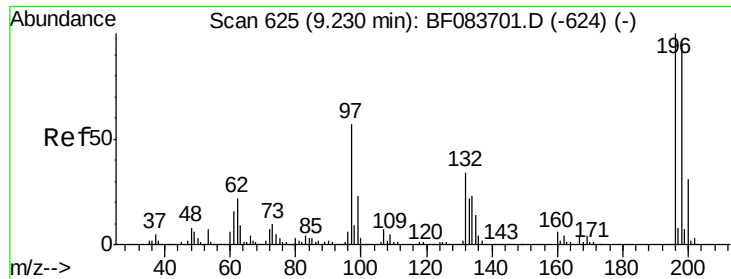
198 95.5 75.2 112.8

200 30.9 23.0 34.6



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

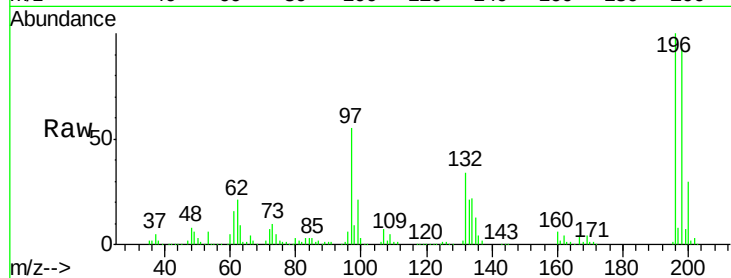




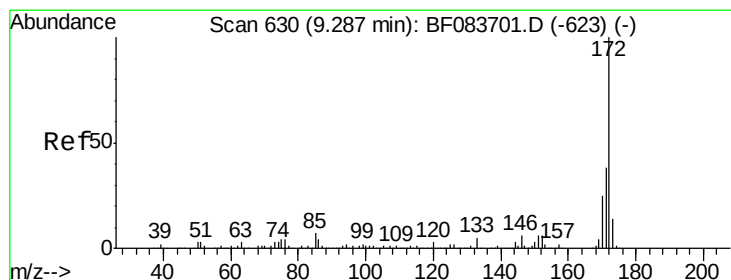
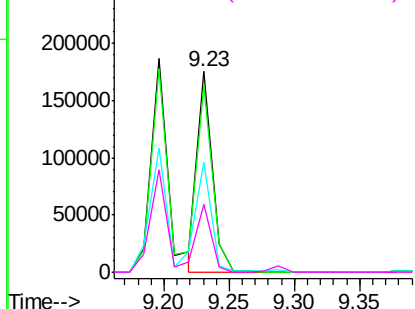
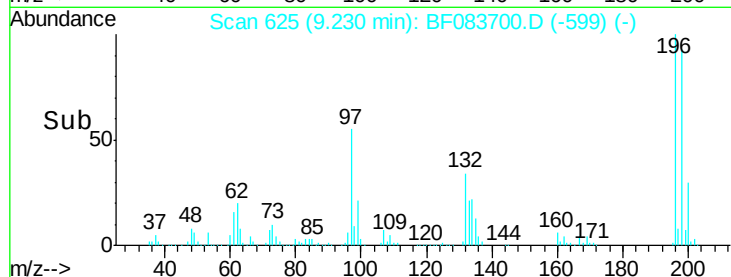
#43
 2,4,5-Trichlorophenol
 Concen: 26.34 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 139809
 Ion Ratio Lower Upper
 196 100
 198 93.1 77.7 116.5
 97 55.1 41.2 61.8
 132 33.6 21.8 32.8#

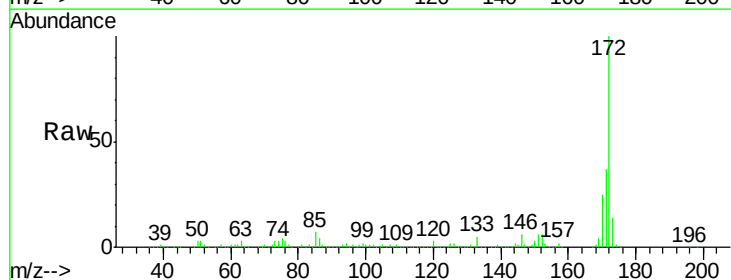


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

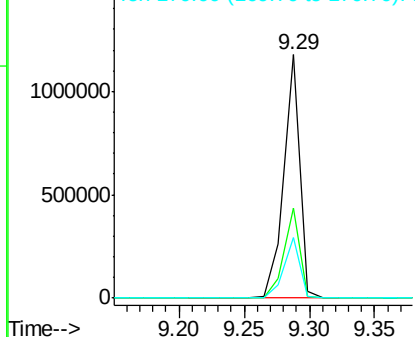
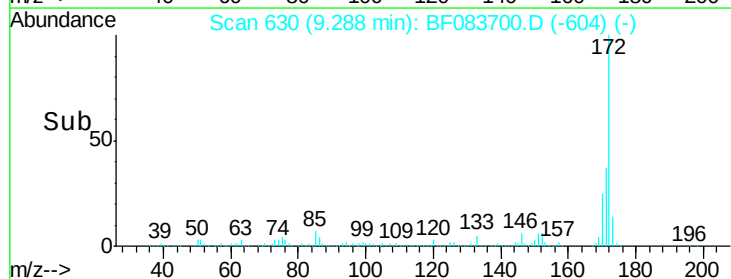


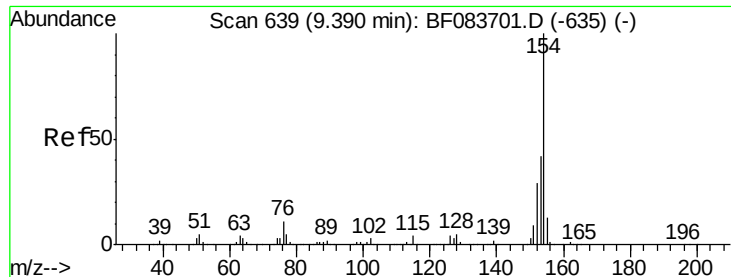
#44
 2-Fluorobiphenyl
 Concen: 52.07 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Tgt Ion:172 Resp: 1015467
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.6 42.8
 170 24.7 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

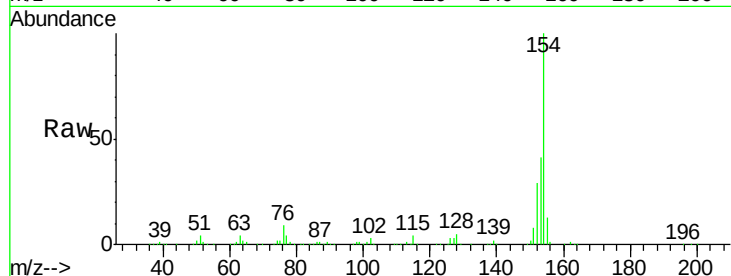




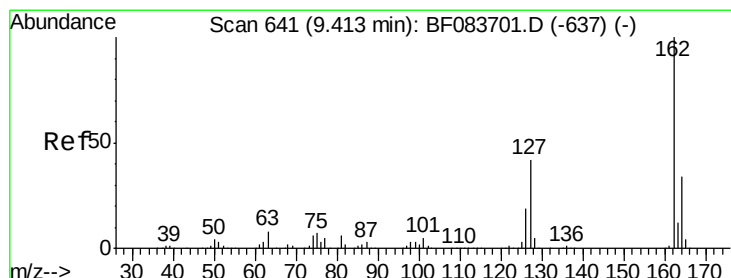
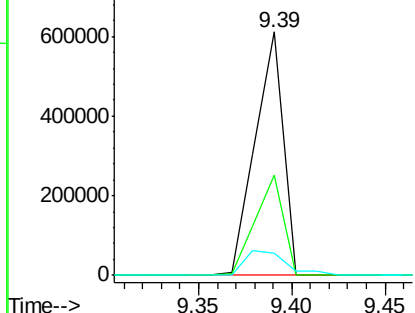
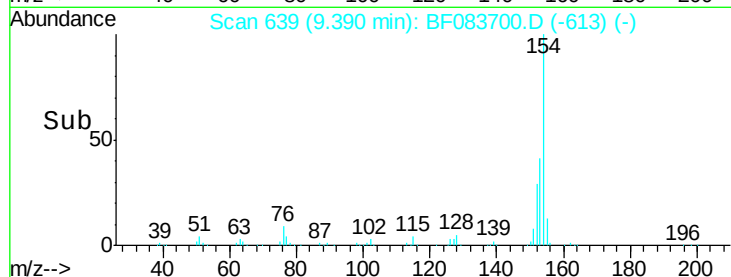
#45
 1,1'-Biphenyl
 Concen: 26.57 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 633941
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.2 60.2
 76 9.4 0.0 34.8

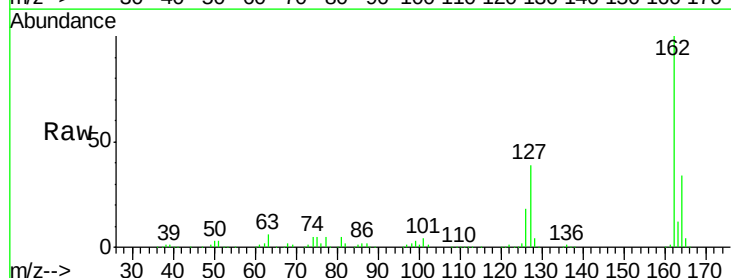


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

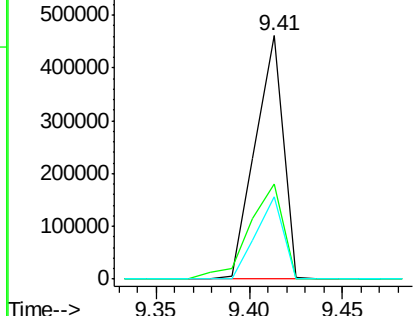
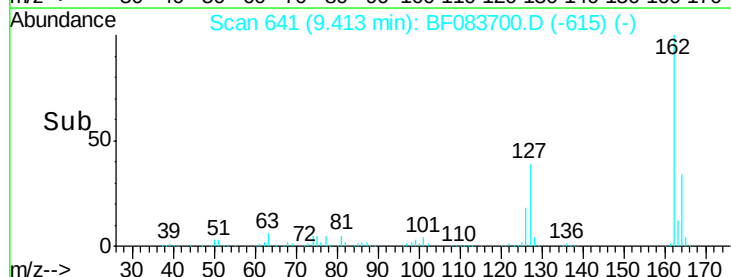


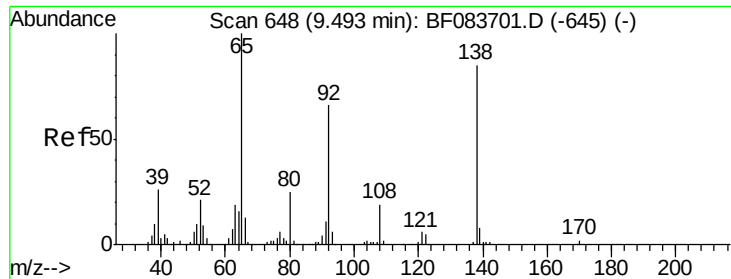
#46
 2-Chloronaphthalene
 Concen: 26.59 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Tgt Ion:162 Resp: 478973
 Ion Ratio Lower Upper
 162 100
 127 38.8 31.0 46.4
 164 33.8 27.4 41.0



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

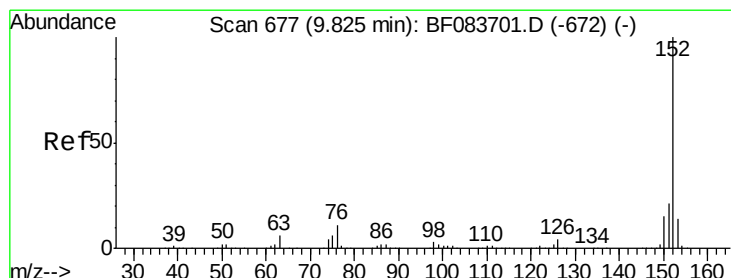
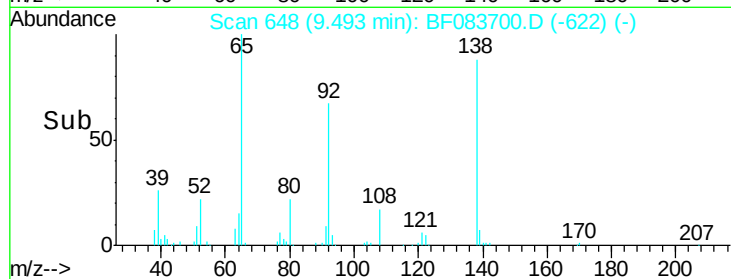
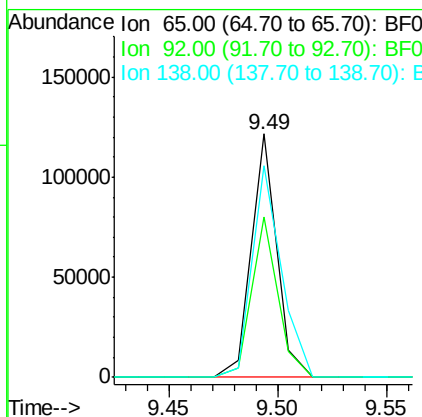
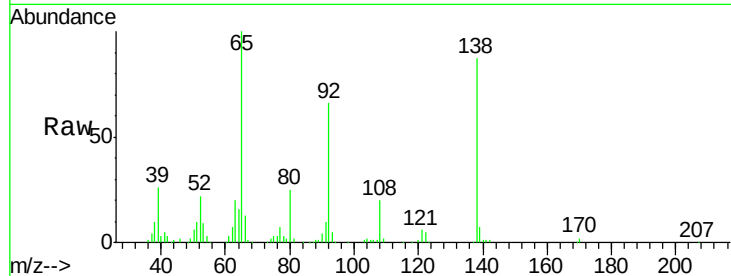




#47
2-Nitroaniline
Concen: 15.15 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

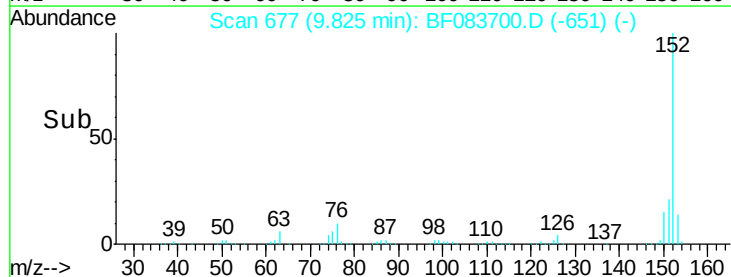
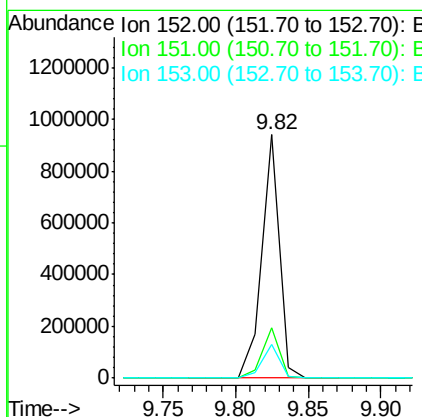
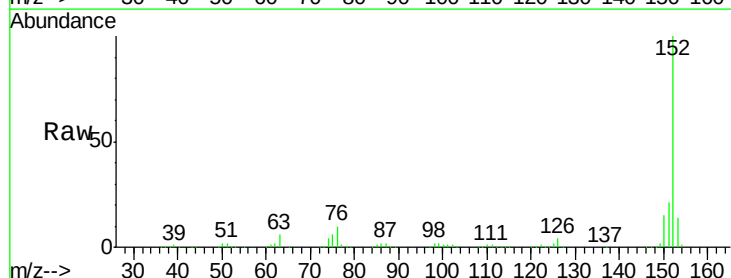
Instrument :
BNA_F
ClientSampleId :

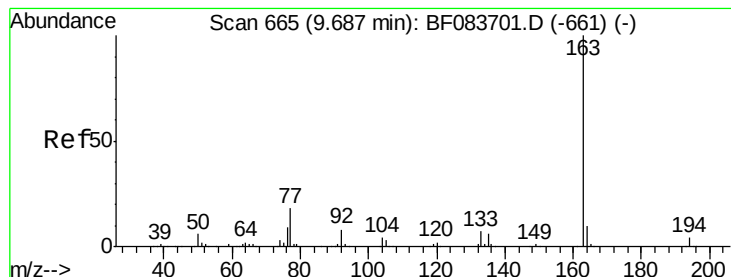
Tot Ion: 65 Resp: 98394
Ion Ratio Lower Upper
65 100
92 65.7 49.6 74.4
138 87.0 64.1 96.1



#48
Acenaphthylene
Concen: 26.83 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Tgt Ion: 152 Resp: 796877
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.7 10.8 16.2





#49

Dimethylphthalate

Concen: 24.47 ng

RT: 9.69 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

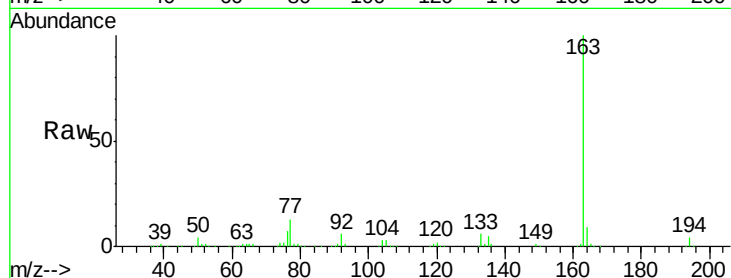
Tot Ion:163 Resp: 534752

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

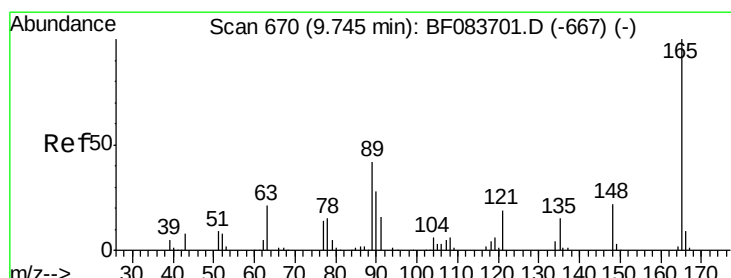
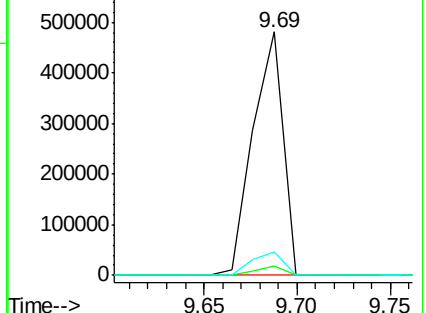
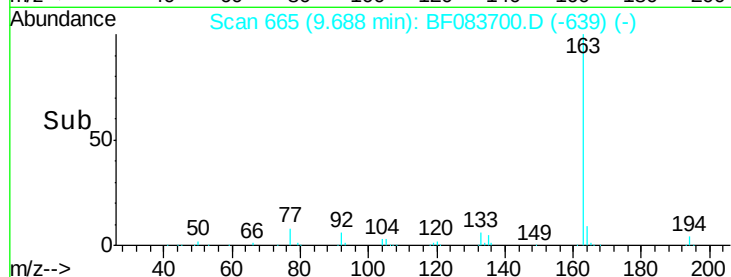
164 9.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 21.04 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

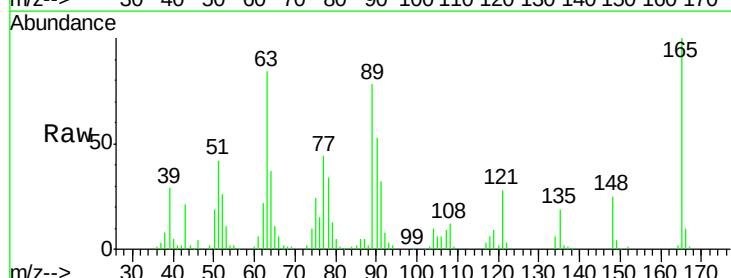
Tgt Ion:165 Resp: 94923

Ion Ratio Lower Upper

165 100

63 84.1 56.9 85.3

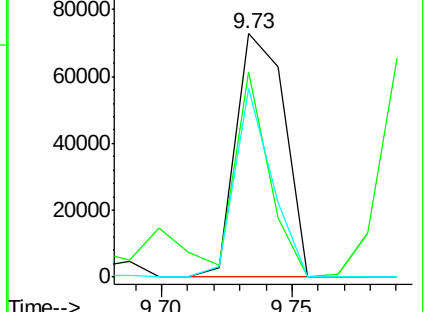
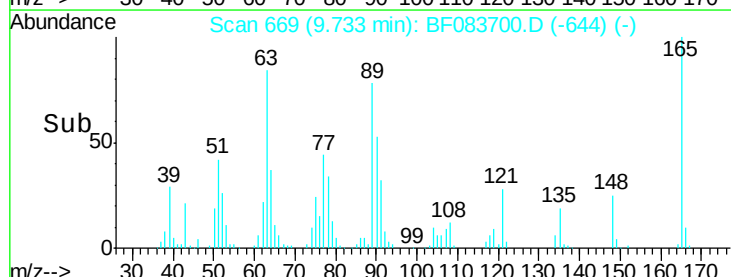
89 77.6 52.1 78.1

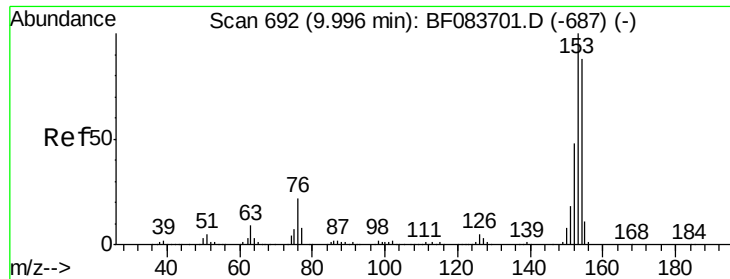


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 27.10 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

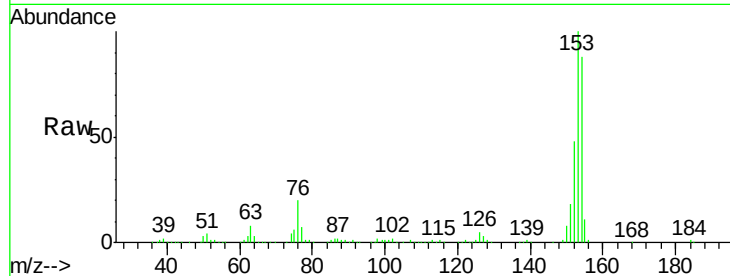
Tot Ion:154 Resp: 460798

Ion Ratio Lower Upper

154 100

153 113.4 91.4 137.0

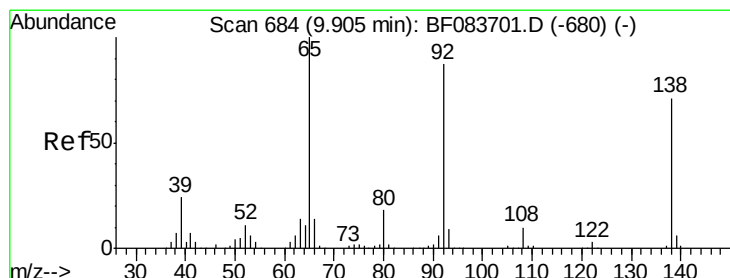
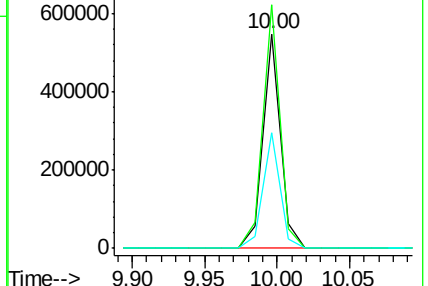
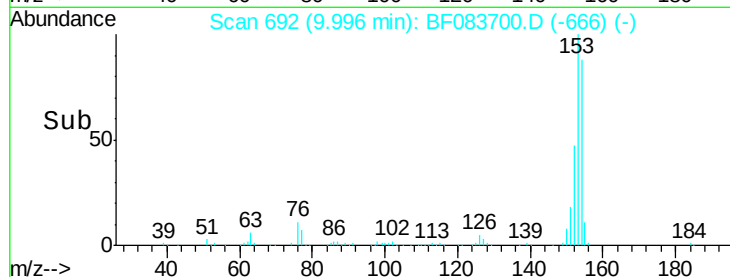
152 53.9 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.08 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

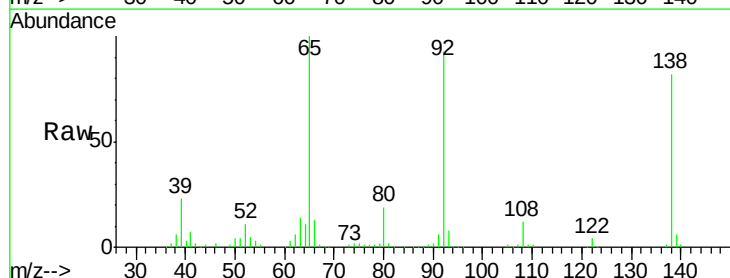
Tgt Ion:138 Resp: 125027

Ion Ratio Lower Upper

138 100

108 15.2 9.9 14.9#

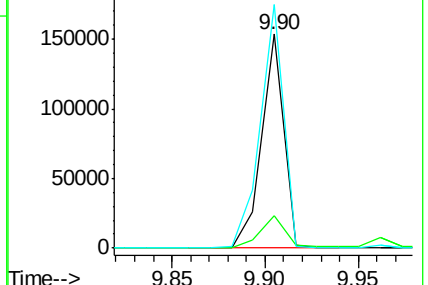
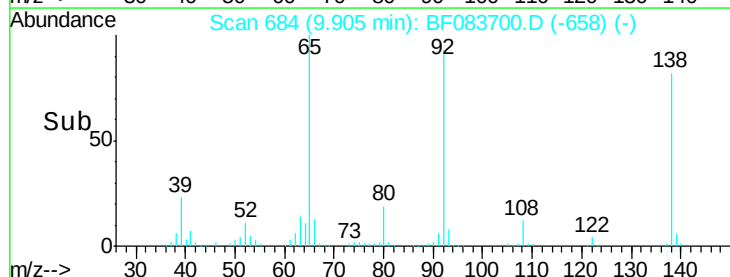
92 113.8 113.8 170.8#

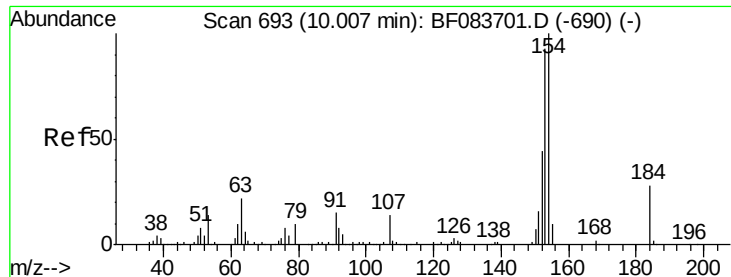


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

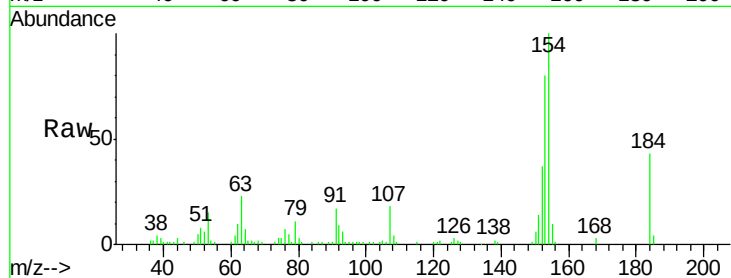




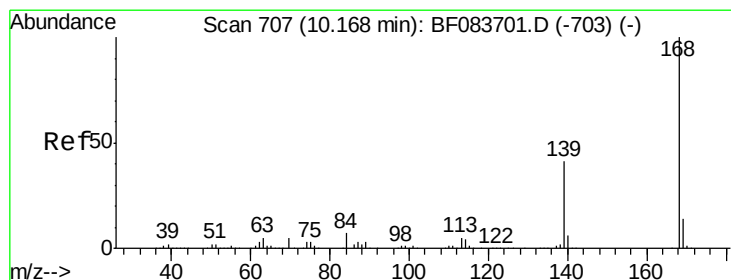
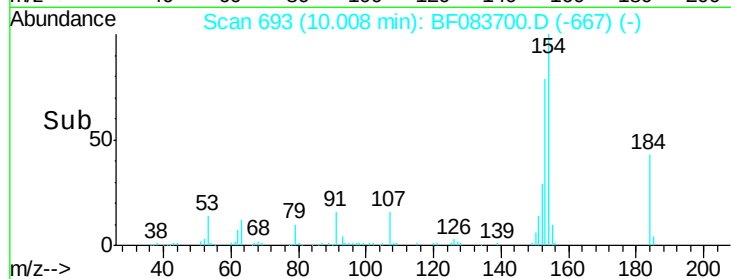
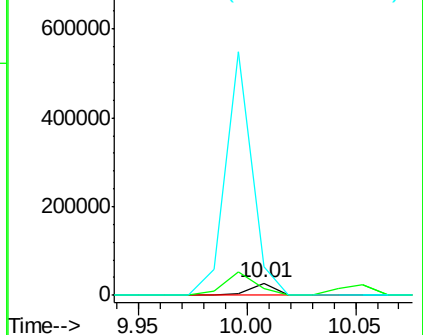
#53
2,4-Dinitrophenol
Concen: 11.63 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 22360
Ion Ratio Lower Upper
184 100
63 54.6 62.4 93.6#
154 234.1 46.6 69.8#

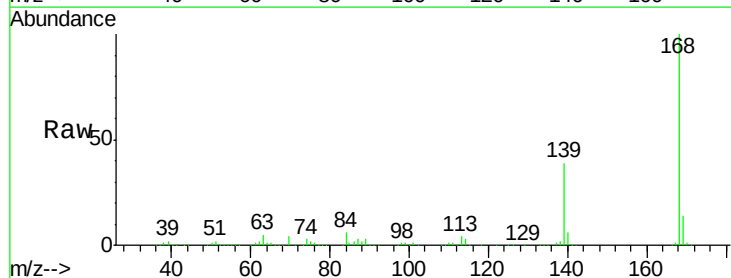


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

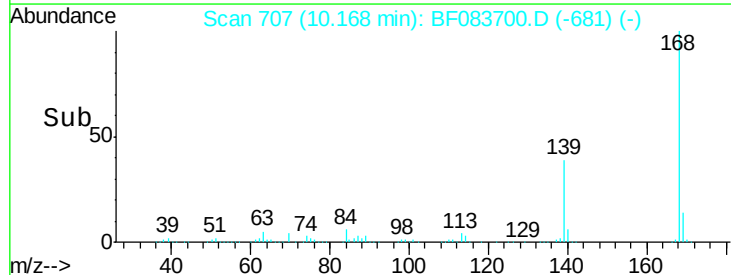
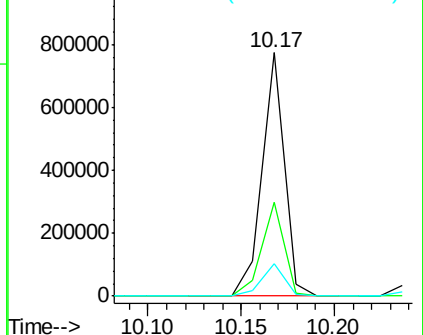


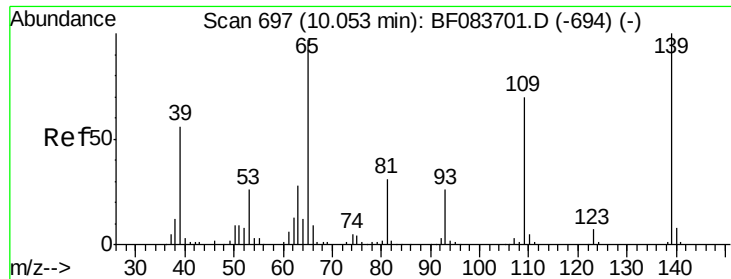
#54
Dibenzofuran
Concen: 26.86 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Tgt Ion:168 Resp: 633354
Ion Ratio Lower Upper
168 100
139 38.7 28.0 42.0
169 13.5 10.8 16.2



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

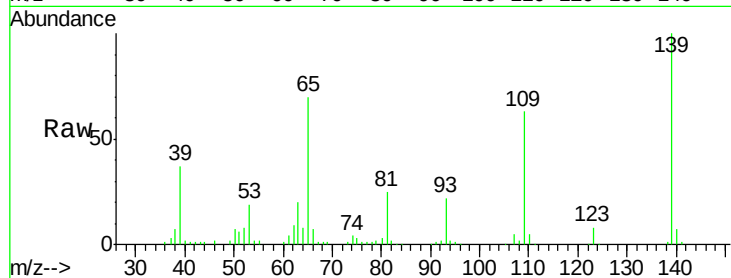




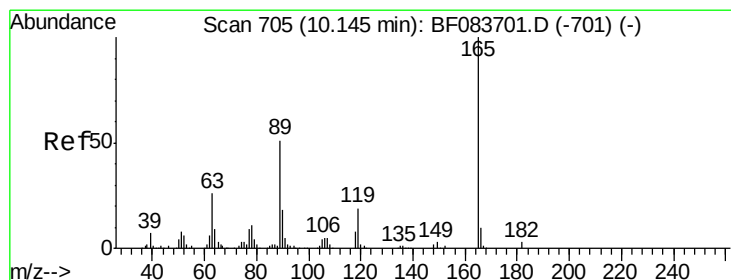
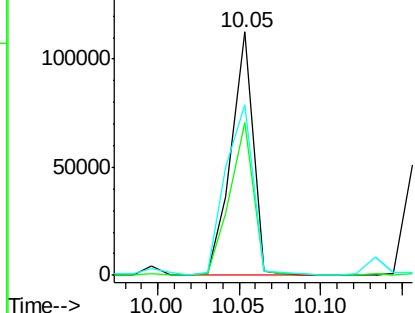
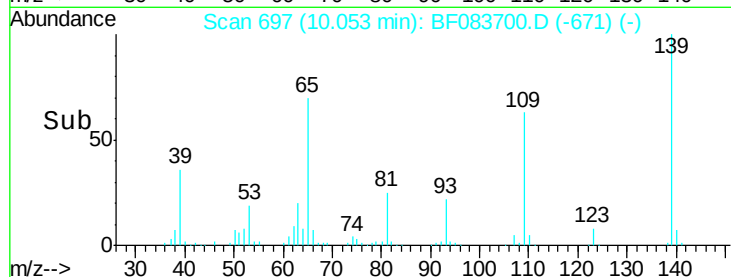
#55
4-Nitrophenol
Concen: 49.58 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	62.6	42.0	82.0
65	70.0	89.2	129.2

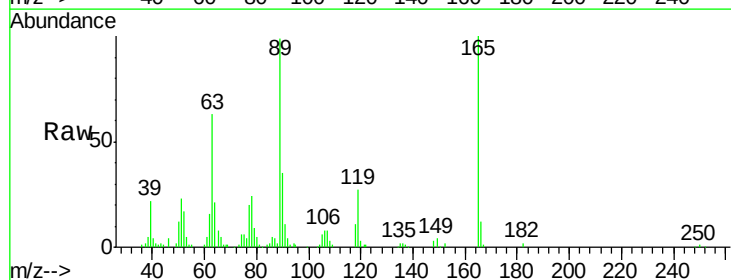


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

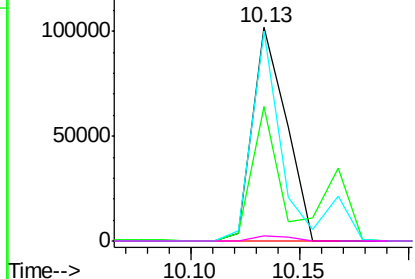
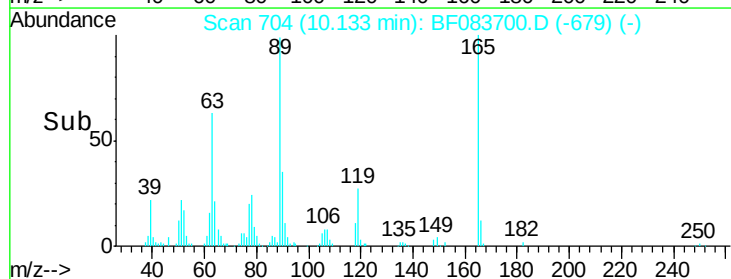


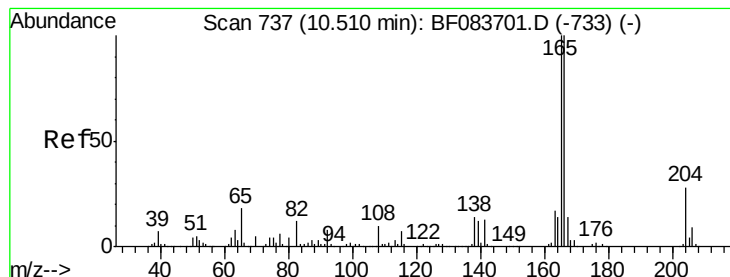
#56
2,4-Dinitrotoluene
Concen: 18.29 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.7	51.4	77.2
89	98.6	72.6	108.8
182	2.3	1.4	2.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 24.96 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

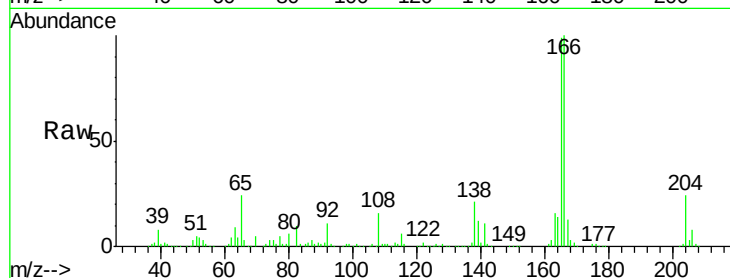
Tot Ion:166 Resp: 513763

Ion Ratio Lower Upper

166 100

165 99.5 80.0 120.0

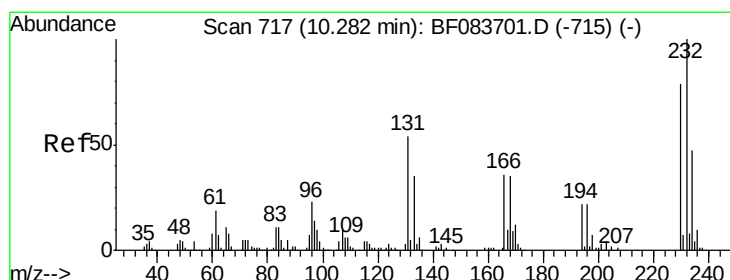
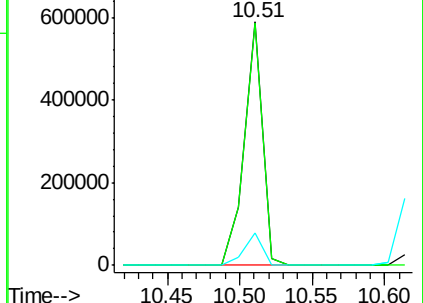
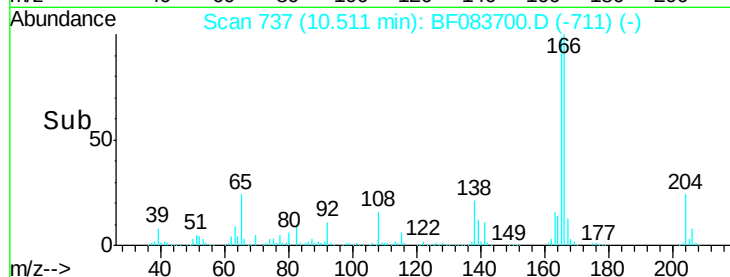
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.90 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Tgt Ion:232 Resp: 113577

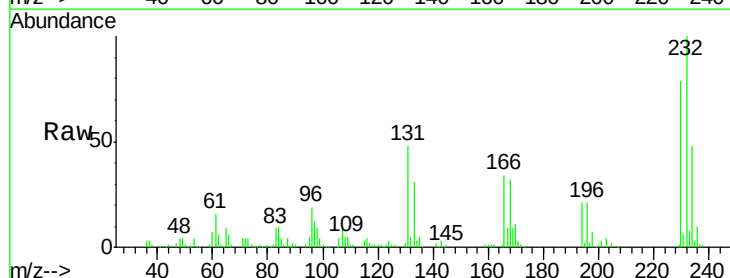
Ion Ratio Lower Upper

232 100

131 51.3 0.0 0.0#

130 2.4 0.0 0.0#

166 34.4 0.0 0.0#

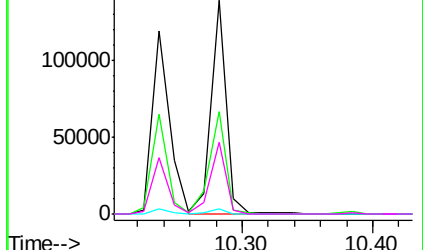
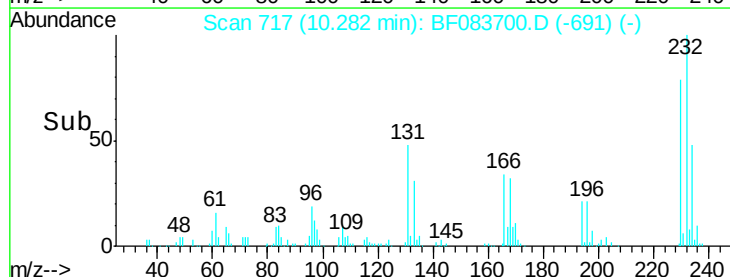


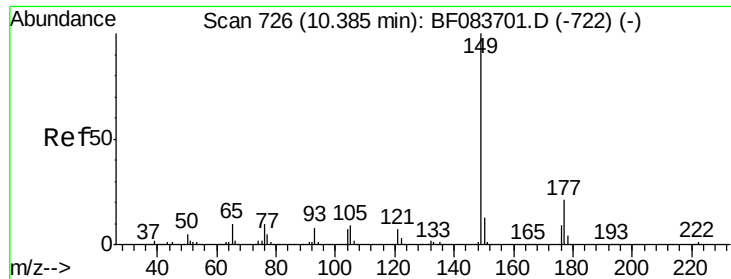
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

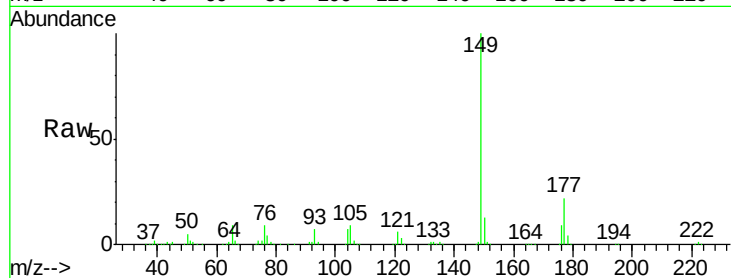




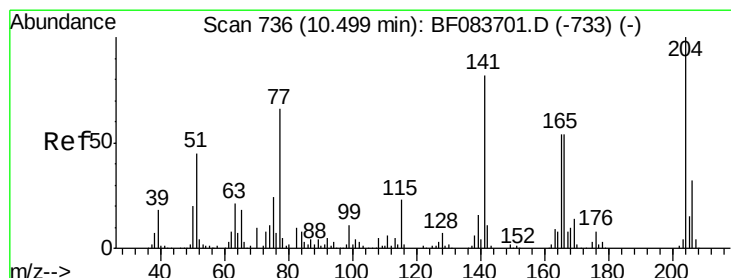
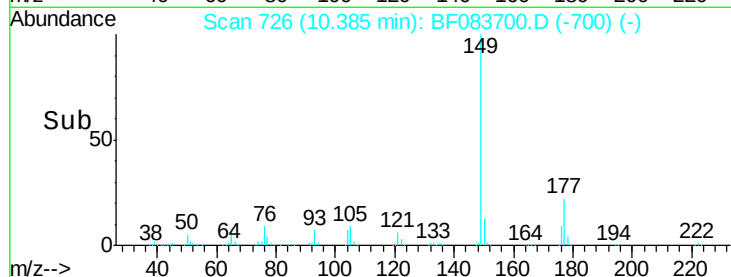
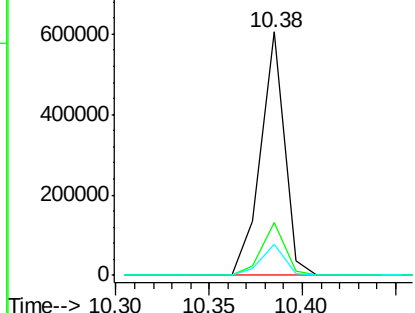
#59
Diethylphthalate
Concen: 25.08 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 532777
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.8 10.2 15.4

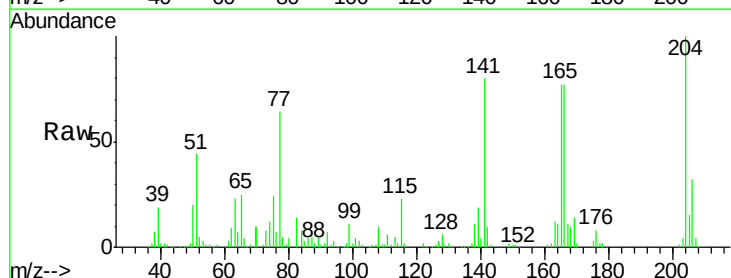


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

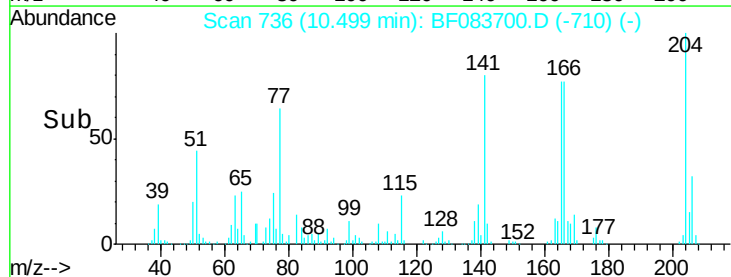
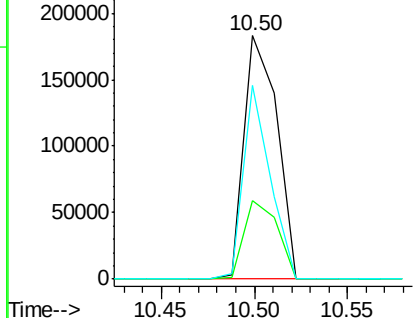


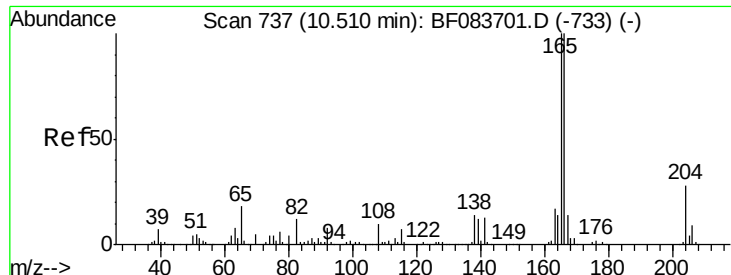
#60
4-Chlorophenyl-phenylether
Concen: 22.86 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Tgt Ion:204 Resp: 223969
Ion Ratio Lower Upper
204 100
206 32.0 27.3 40.9
141 79.7 51.9 77.9#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

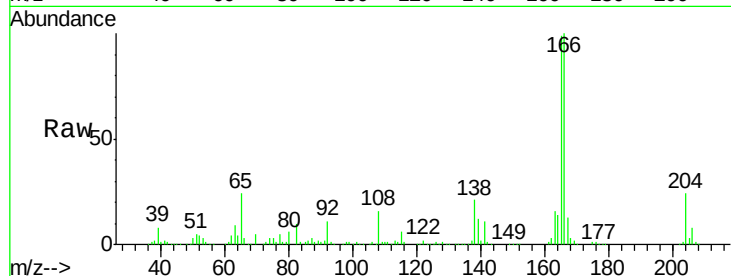




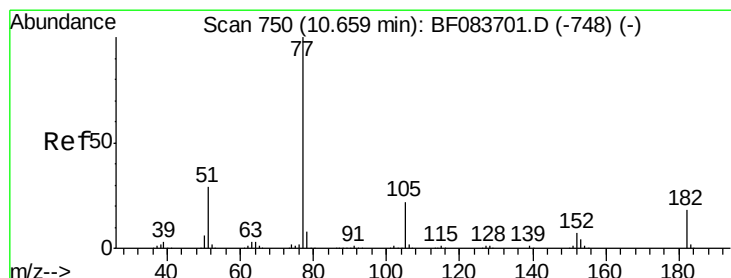
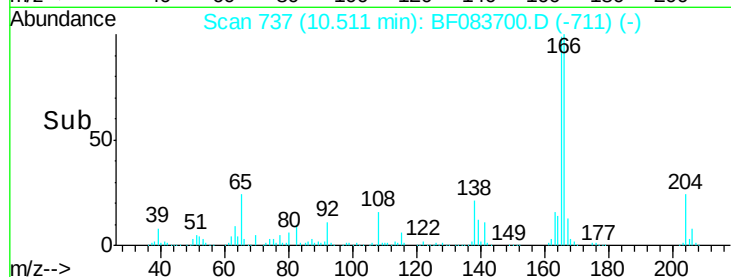
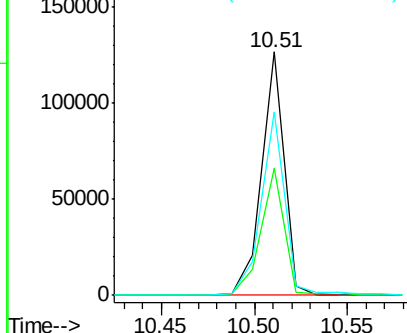
#61
4-Nitroaniline
Concen: 24.11 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 105016
Ion Ratio Lower Upper
138 100
92 52.4 29.0 69.0
108 75.5 47.4 87.4

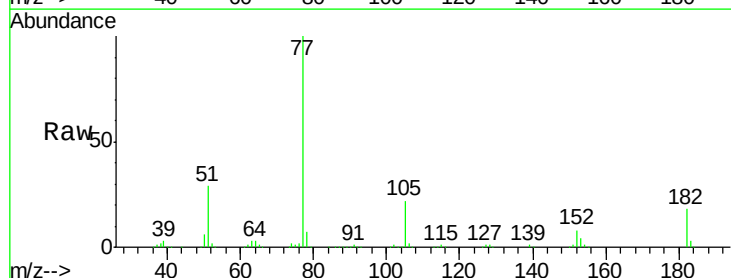


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

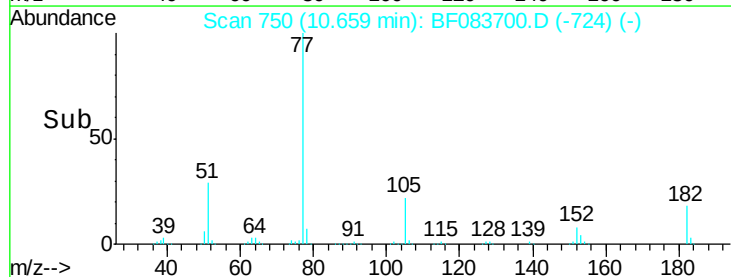
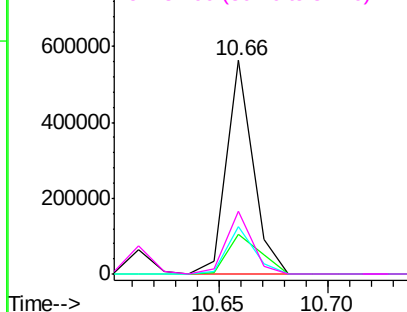


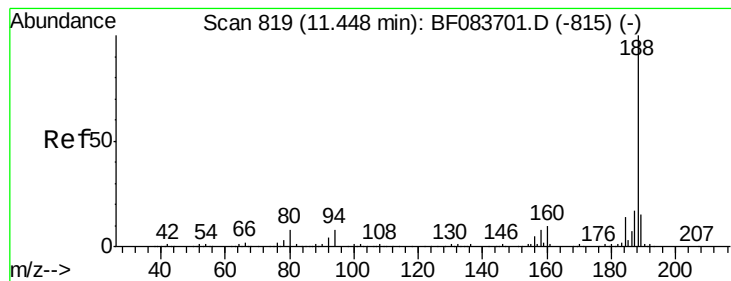
#62
Azobenzene
Concen: 20.21 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Tgt Ion: 77 Resp: 472562
Ion Ratio Lower Upper
77 100
182 18.3 2.5 42.5
105 22.2 2.1 42.1
51 29.3 9.3 49.3



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

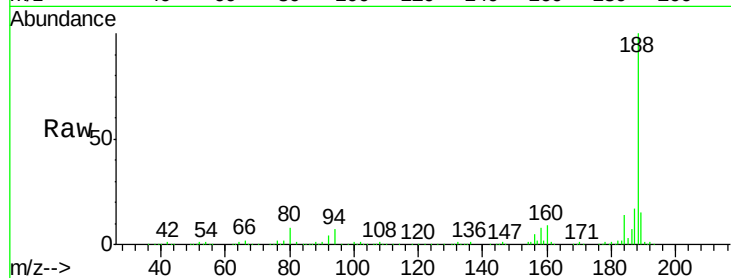
Tot Ion:188 Resp: 516272

Ion Ratio Lower Upper

188 100

94 6.9 9.4 14.2#

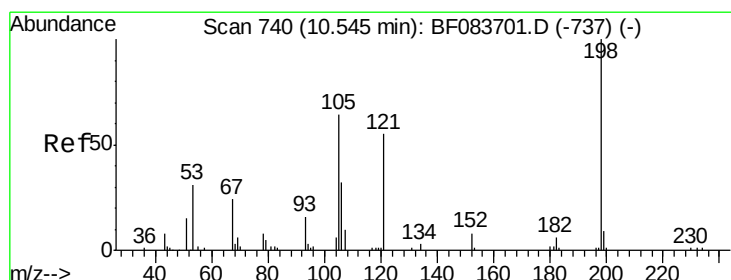
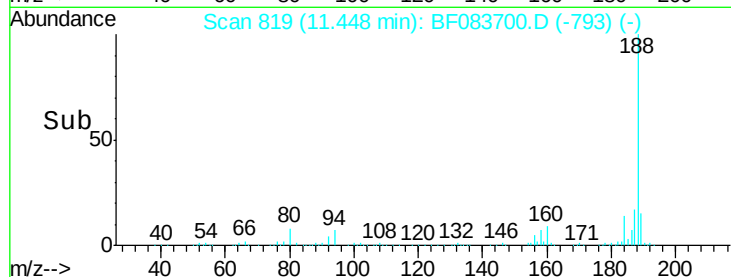
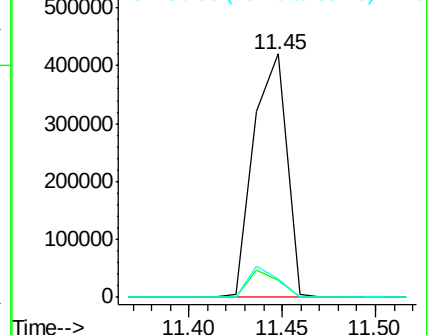
80 7.6 10.6 16.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 14.34 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

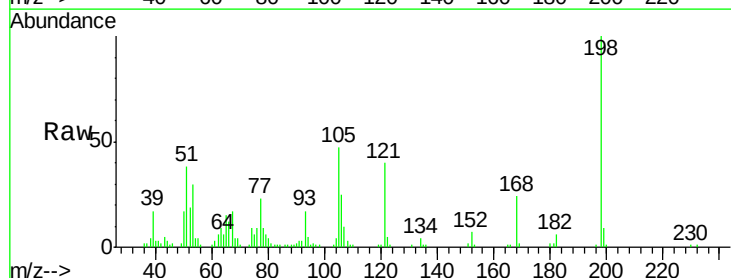
Tgt Ion:198 Resp: 44448

Ion Ratio Lower Upper

198 100

51 38.3 53.8 93.8#

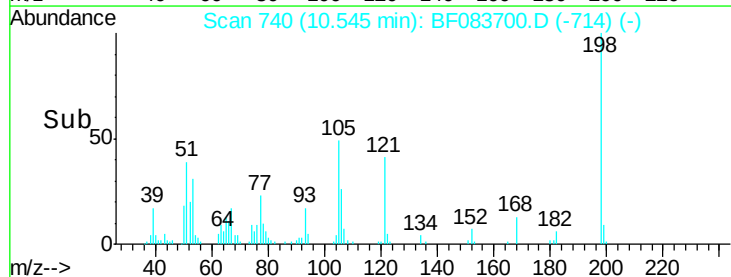
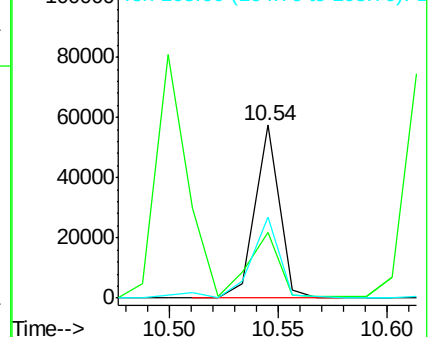
105 47.3 38.6 78.6

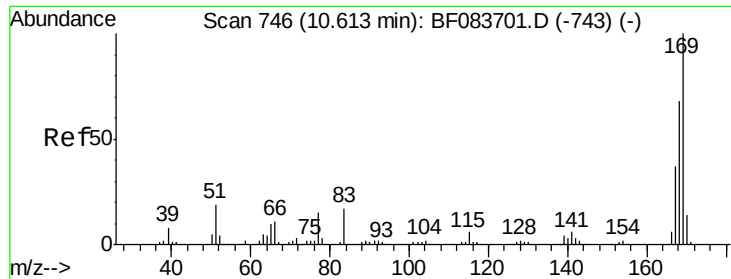


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

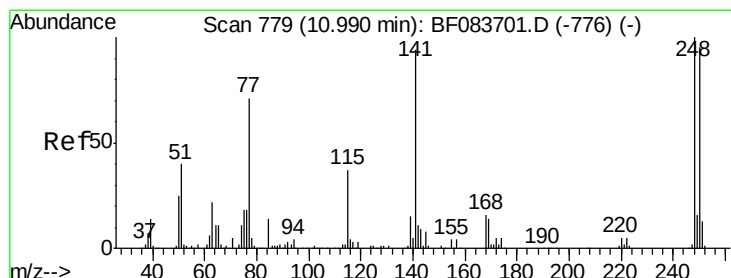
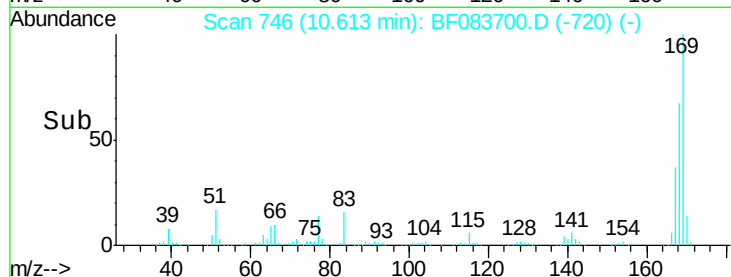
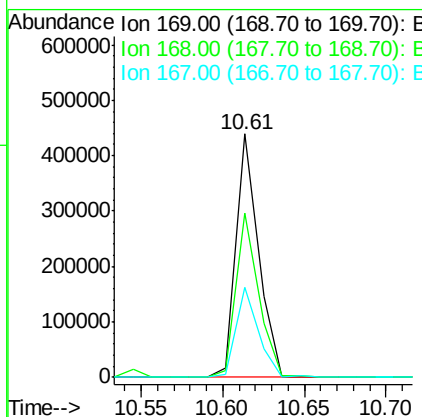
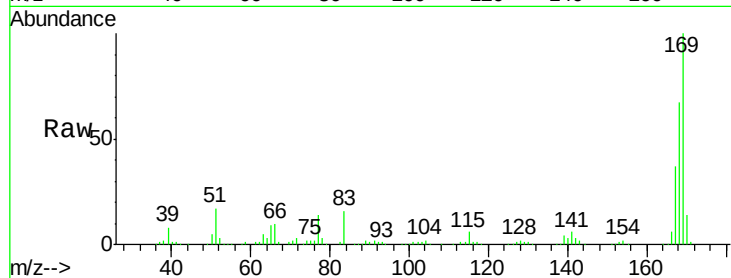




#65
 n-Nitrosodiphenylamine
 Concen: 24.31 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

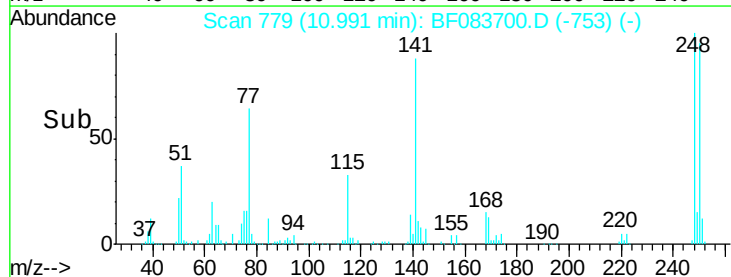
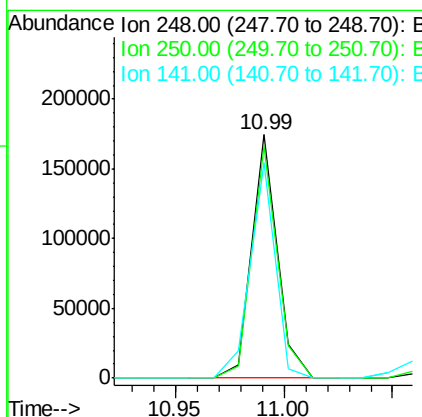
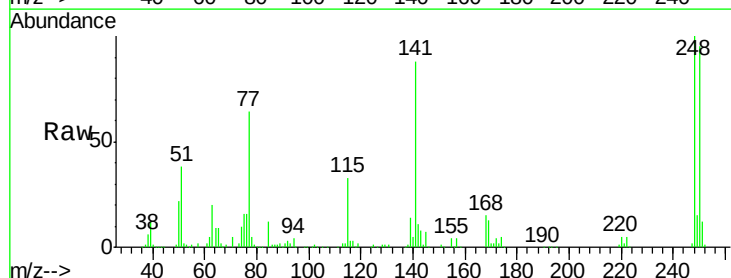
Instrument :
 BNA_F
 ClientSampled :

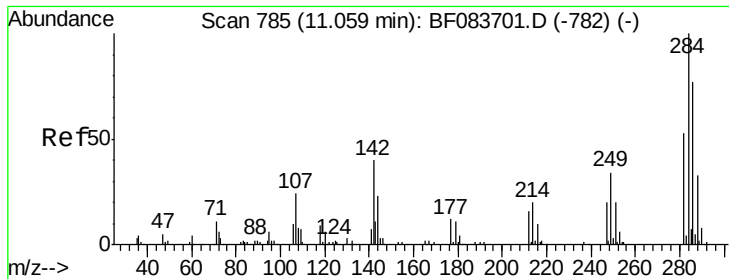
Tot Ion:169 Resp: 414290
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.0 79.6
 167 37.1 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 24.79 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Tgt Ion:248 Resp: 142726
 Ion Ratio Lower Upper
 248 100
 250 95.2 79.2 118.8
 141 88.3 58.2 87.4#





#67

Hexachlorobenzene

Concen: 25.75 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

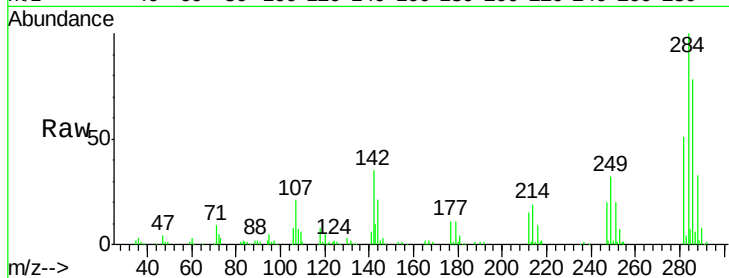
Tot Ion:284 Resp: 157297

Ion Ratio Lower Upper

284 100

142 34.6 31.0 46.4

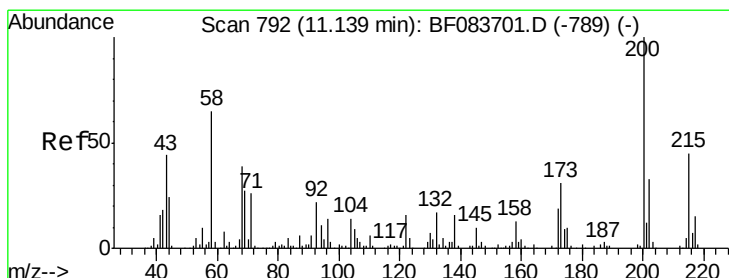
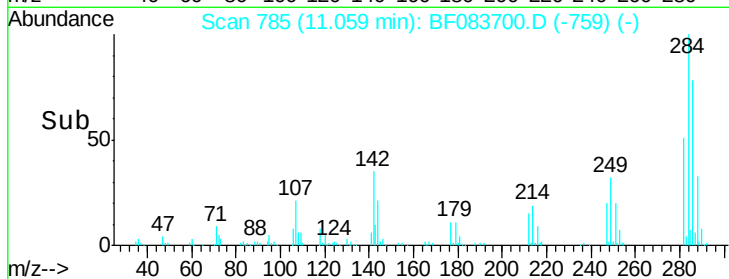
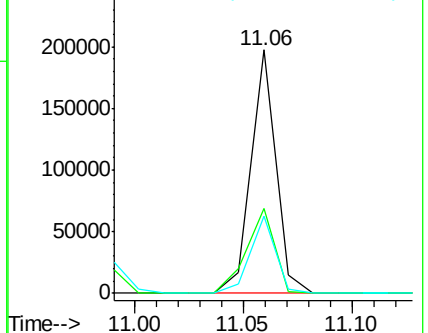
249 31.8 26.9 40.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 24.42 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

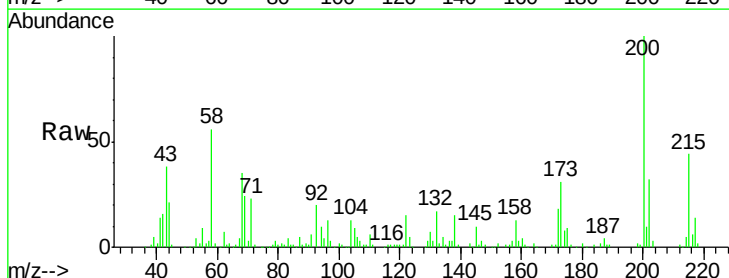
Tgt Ion:200 Resp: 123816

Ion Ratio Lower Upper

200 100

173 30.6 7.8 47.8

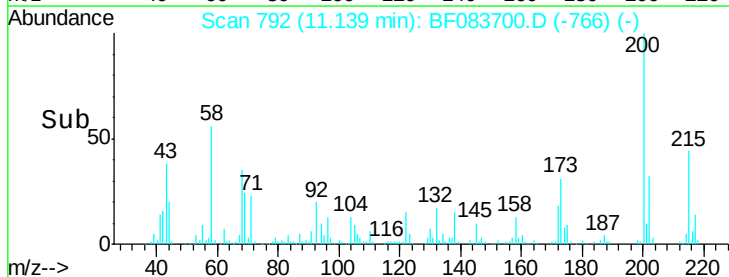
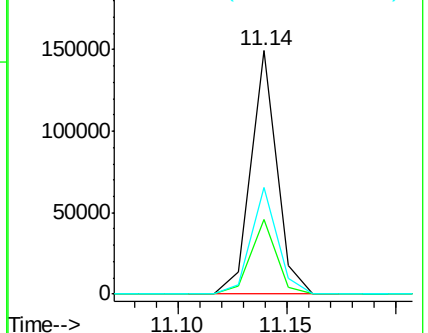
215 44.0 25.7 65.7

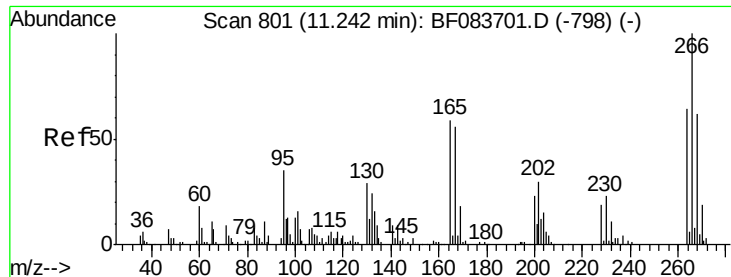


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

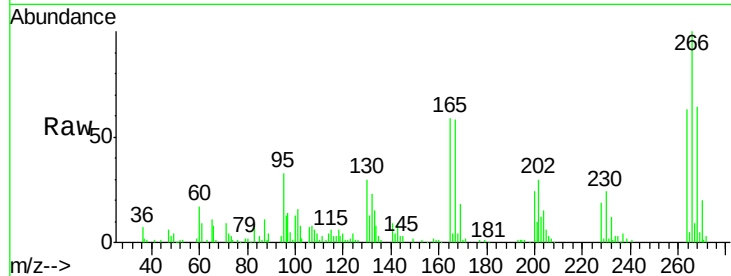




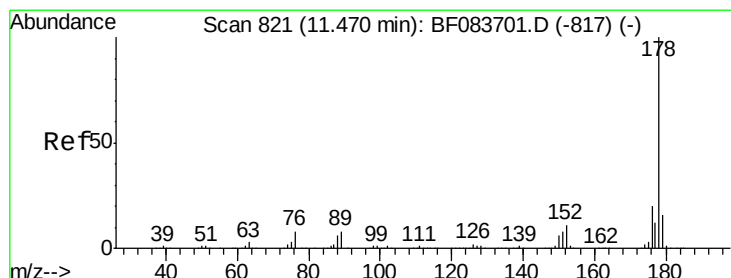
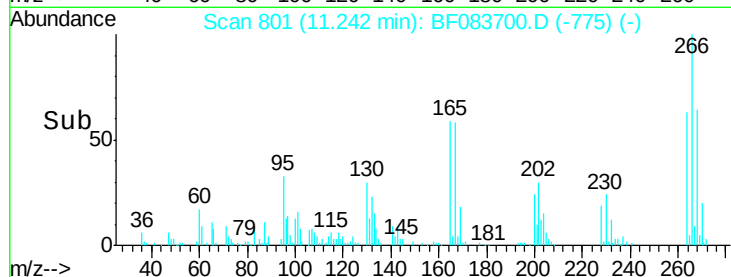
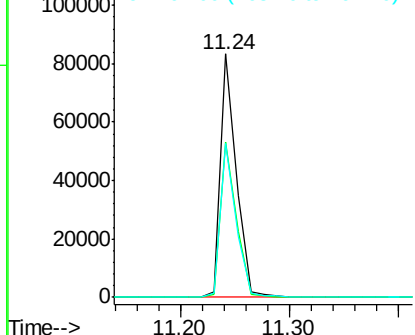
#69
 Pentachlorophenol
 Concen: 63.59 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 85064
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.2 75.2
 264 63.3 51.4 77.2

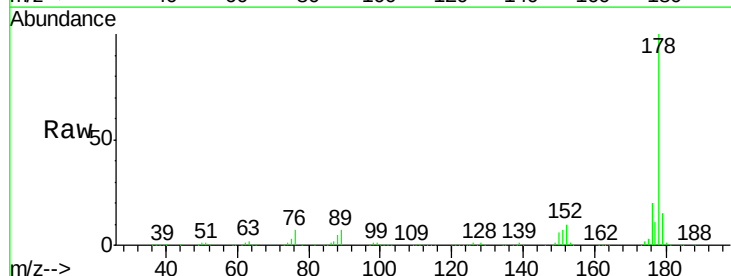


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

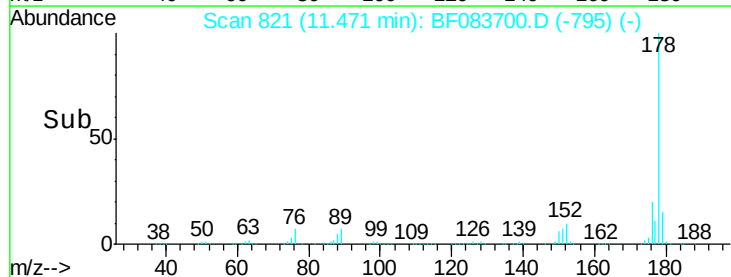
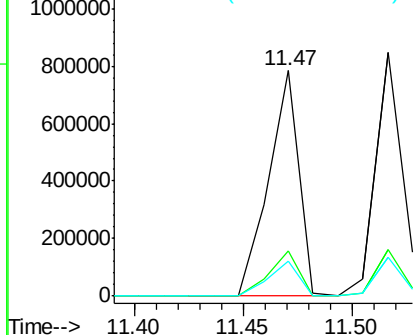


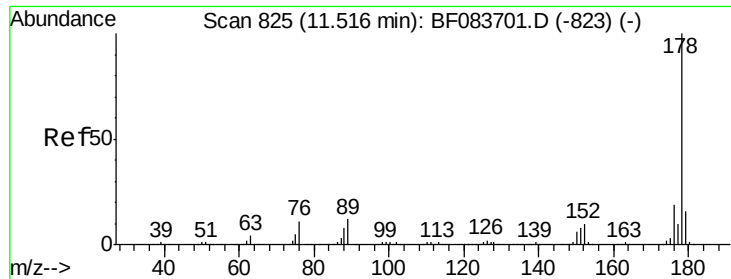
#70
 Phenanthrene
 Concen: 25.75 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Tgt Ion:178 Resp: 763711
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.7 23.5
 179 15.5 12.2 18.4



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

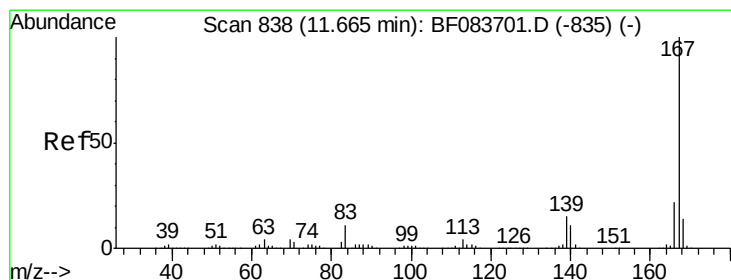
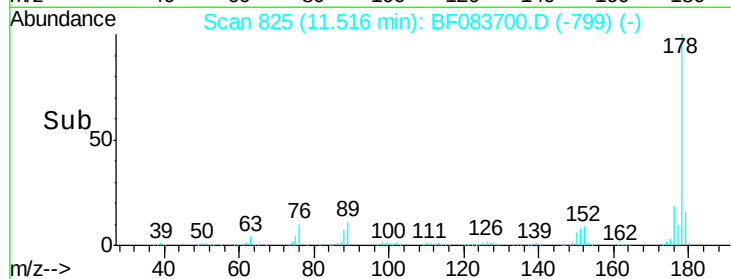
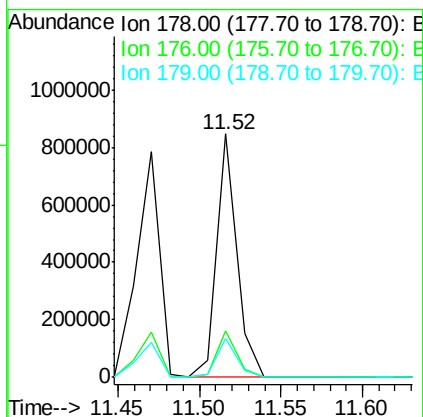
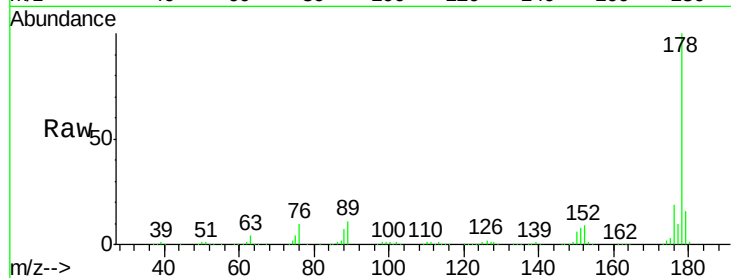




#71
 Anthracene
 Concen: 23.68 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

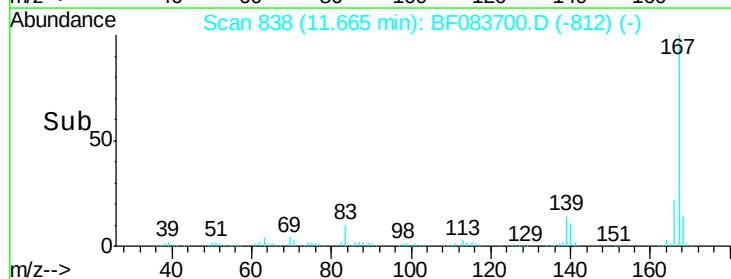
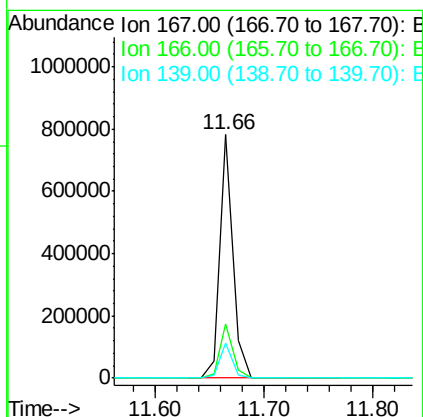
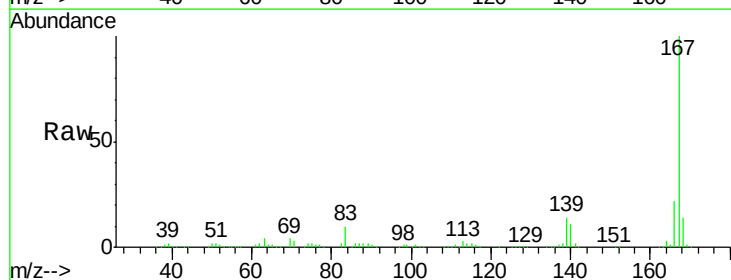
Instrument :
 BNA_F
 ClientSampled :

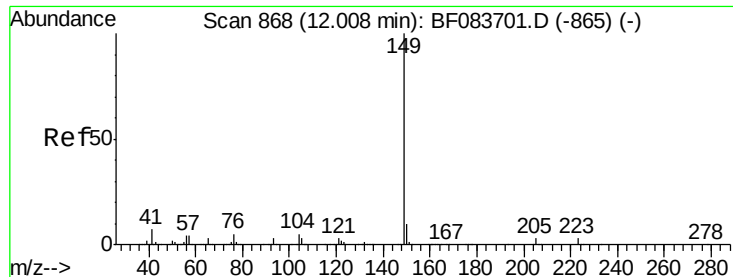
Tot Ion:178 Resp: 727579
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.2 22.8
 179 16.0 12.6 18.8



#72
 Carbazole
 Concen: 25.05 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Tgt Ion:167 Resp: 660003
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.2 25.8
 139 14.4 9.3 13.9#





#73

Di-n-butylphthalate

Concen: 23.40 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

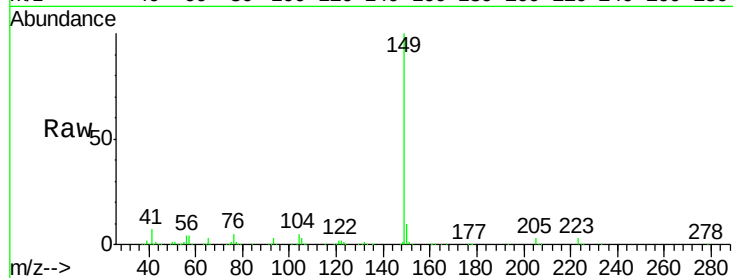
Tot Ion:149 Resp: 775602

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

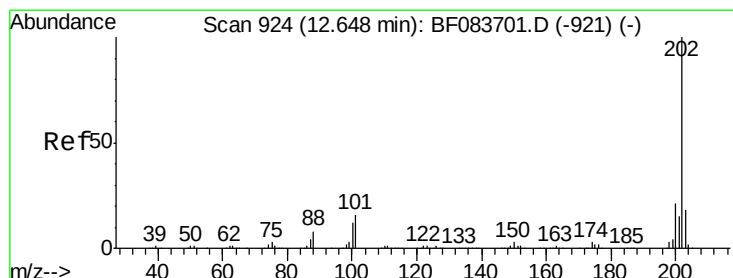
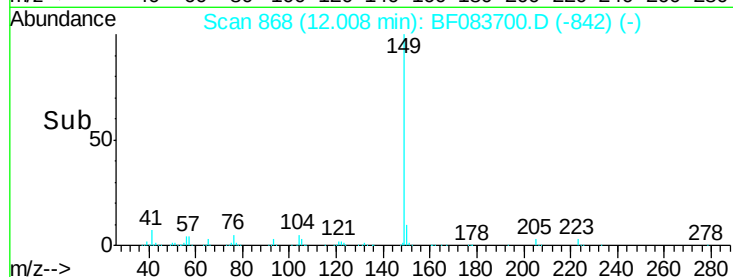
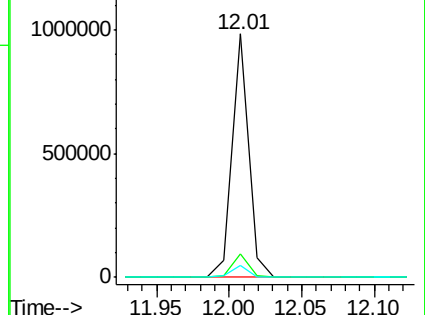
104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 24.07 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

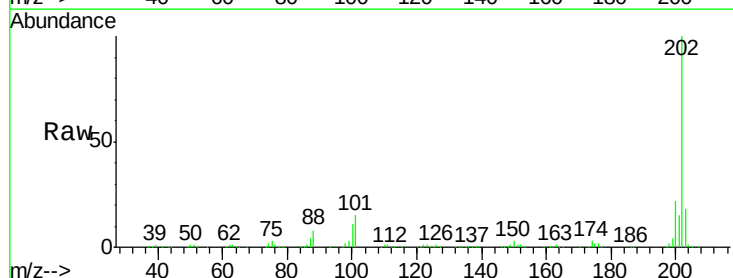
Tgt Ion:202 Resp: 730266

Ion Ratio Lower Upper

202 100

101 15.1 0.0 31.5

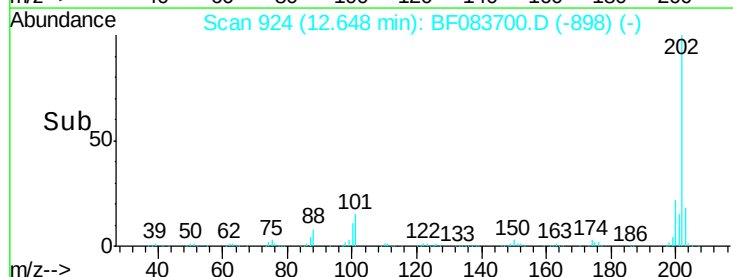
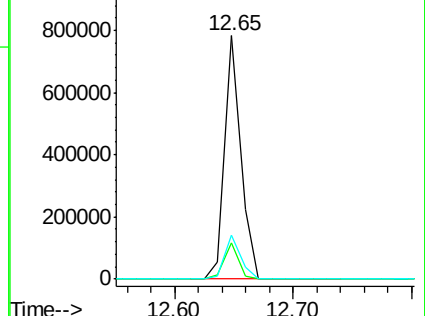
203 18.1 0.0 37.6

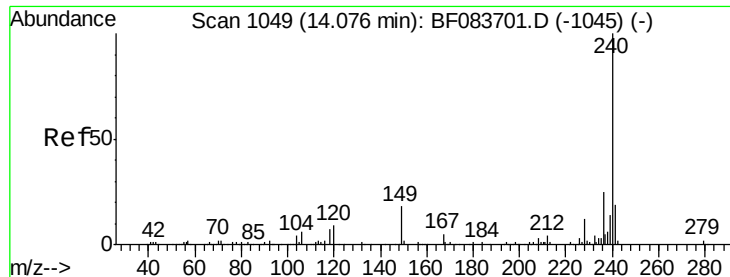


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

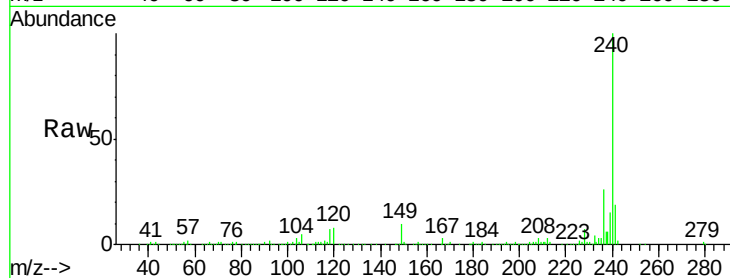
Tot Ion:240 Resp: 391107

Ion Ratio Lower Upper

240 100

120 7.9 8.1 12.1#

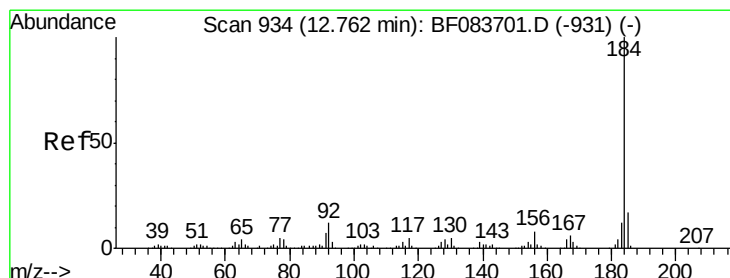
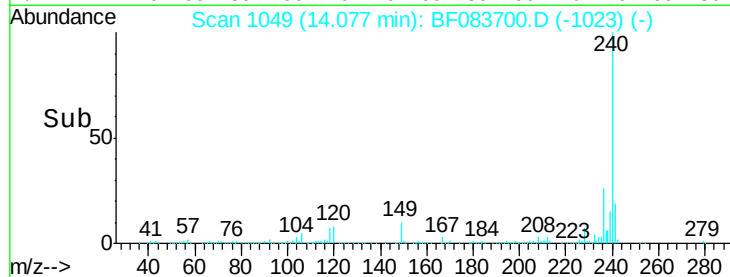
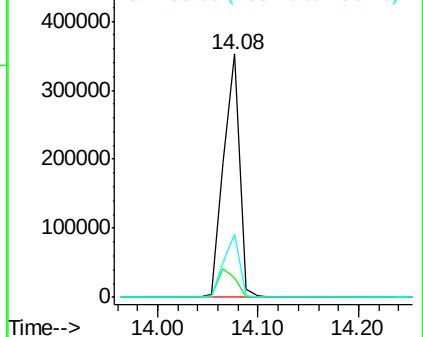
236 25.9 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.87 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

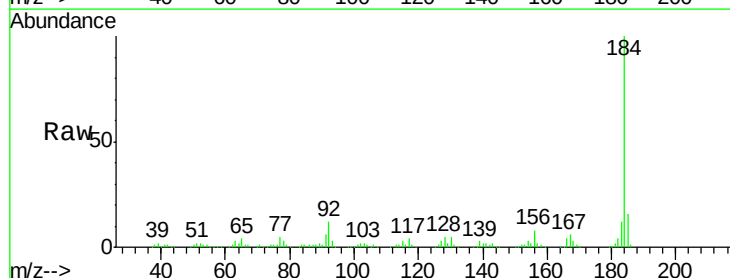
Tgt Ion:184 Resp: 412081

Ion Ratio Lower Upper

184 100

185 15.8 13.0 19.6

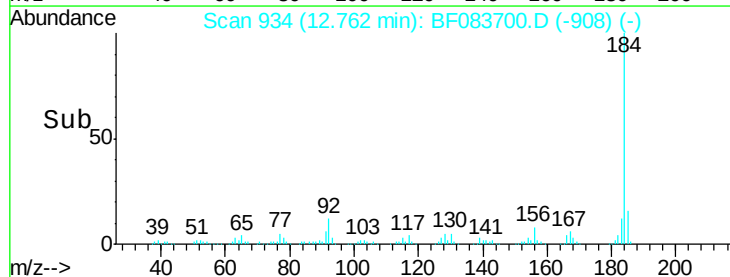
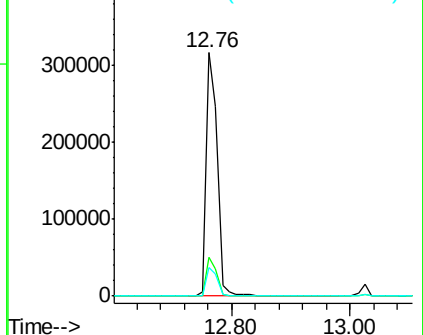
183 11.7 9.0 13.4

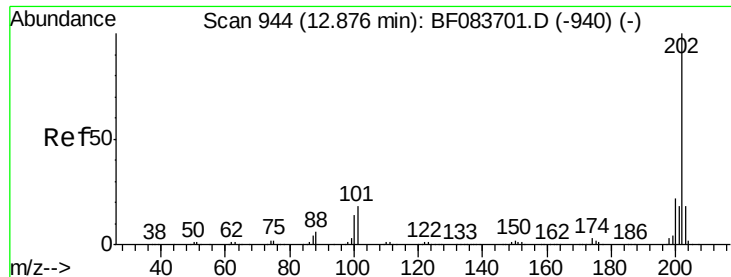


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 26.81 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :
BNA_F
ClientSampleId :

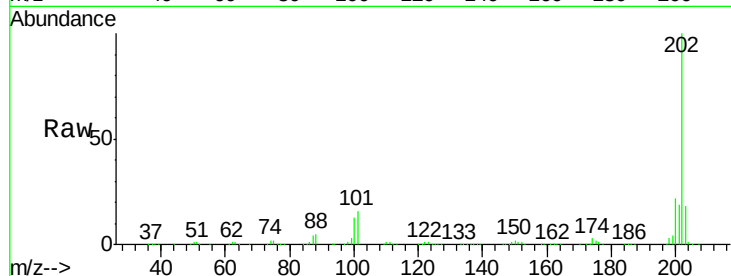
Tot Ion:202 Resp: 754931

Ion Ratio Lower Upper

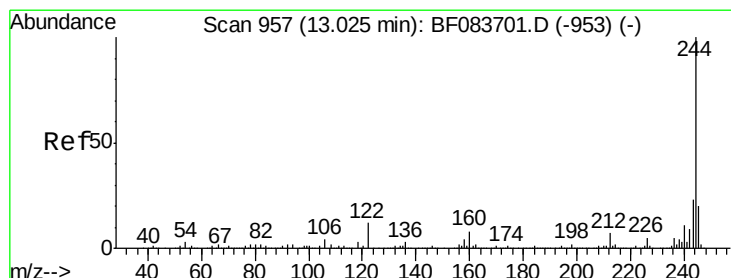
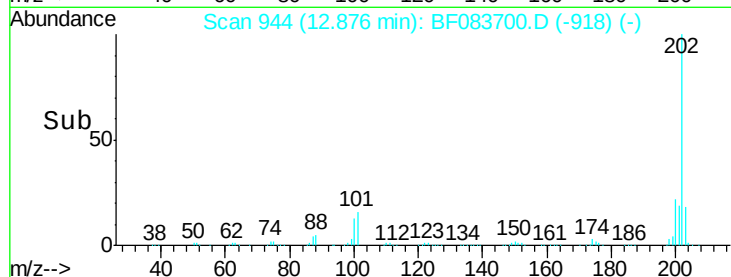
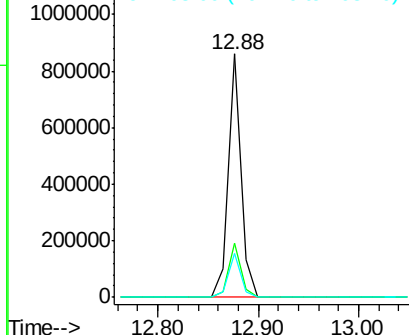
202 100

200 22.1 16.7 25.1

203 18.0 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: 55.66 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

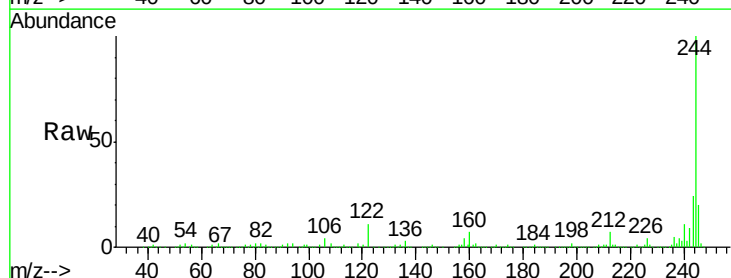
Tgt Ion:244 Resp: 925223

Ion Ratio Lower Upper

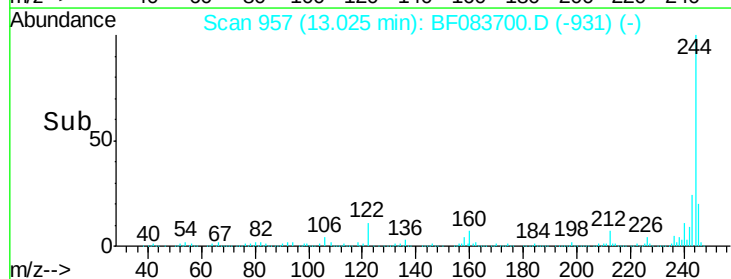
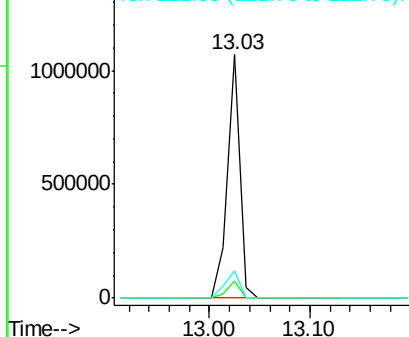
244 100

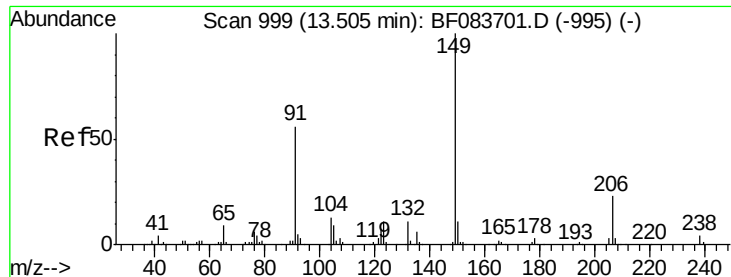
212 7.1 6.1 9.1

122 11.3 11.0 16.6



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

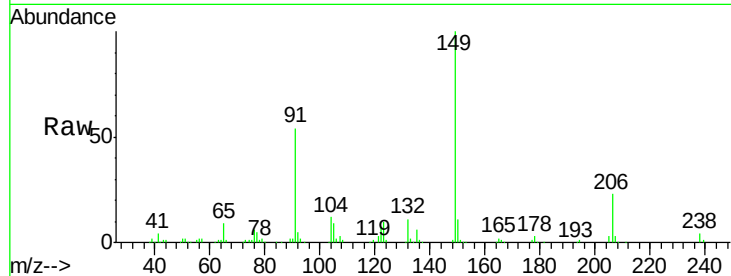




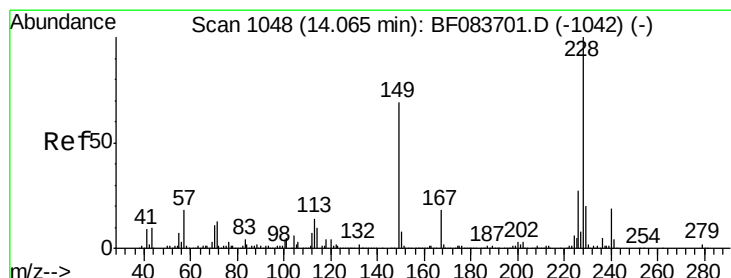
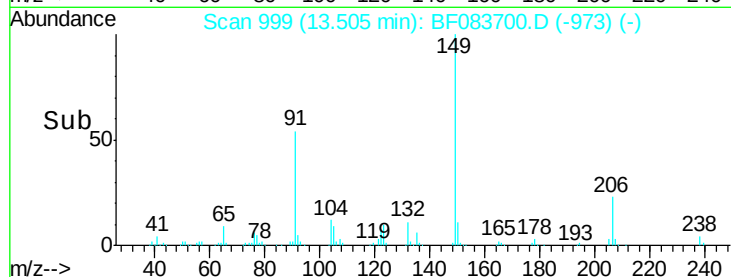
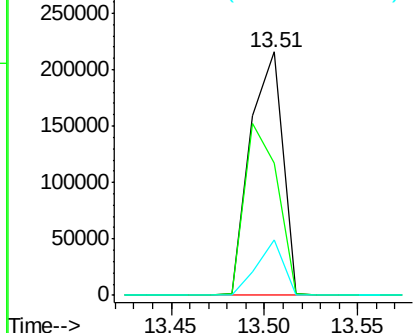
#79
Butylbenzylphthalate
Concen: 20.76 ng
RT: 13.51 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 259430
Ion Ratio Lower Upper
149 100
91 54.4 60.0 90.0#
206 22.7 16.2 24.4

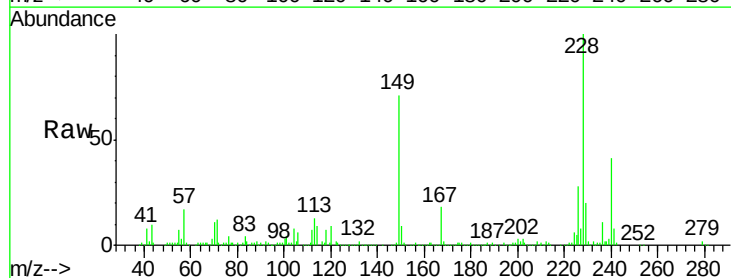


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

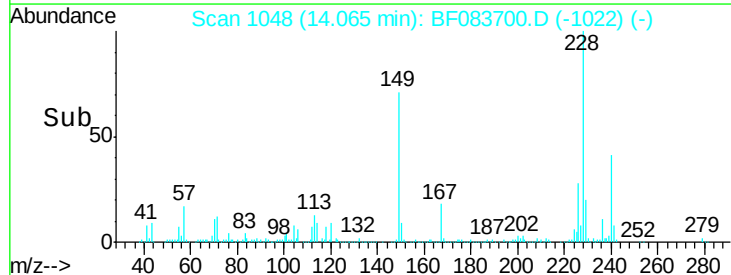
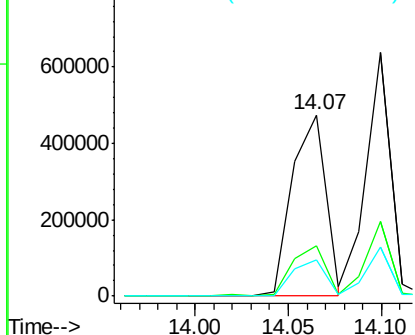


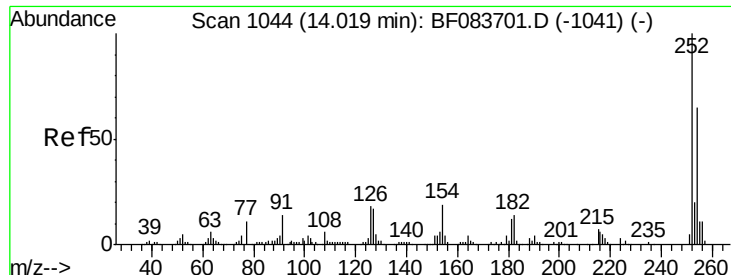
#80
Benzo(a)anthracene
Concen: 25.89 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Tgt Ion:228 Resp: 592727
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.8 15.7 23.5



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

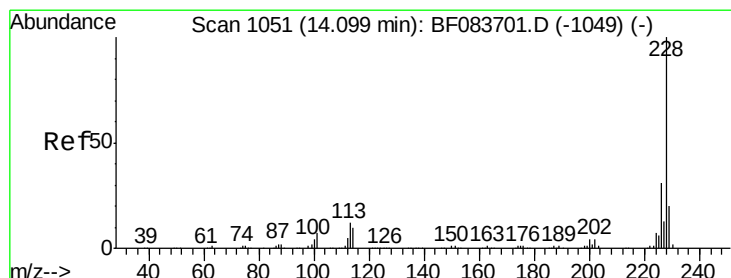
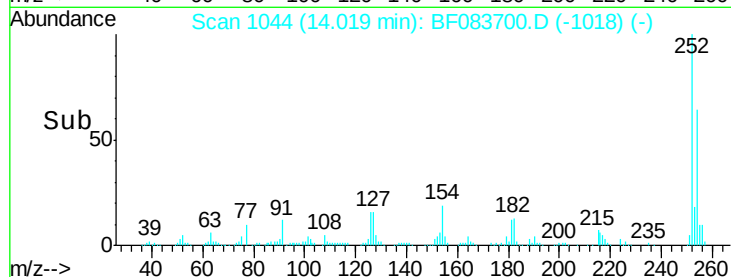
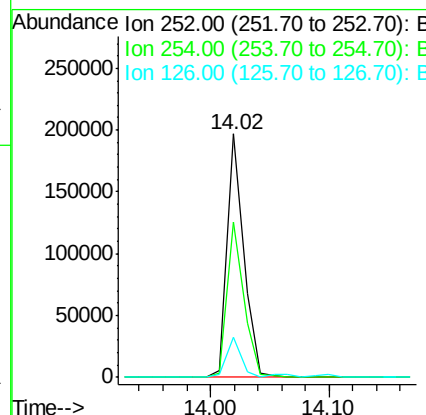
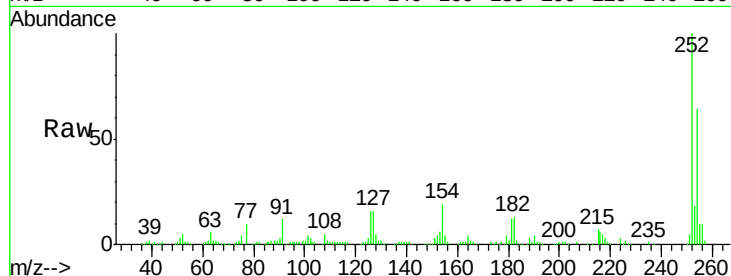




#81
 3,3'-Dichlorobenzidine
 Concen: 24.48 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

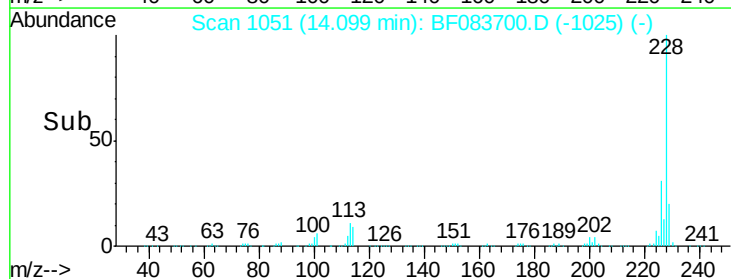
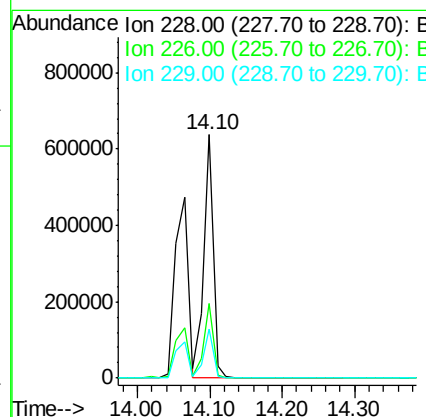
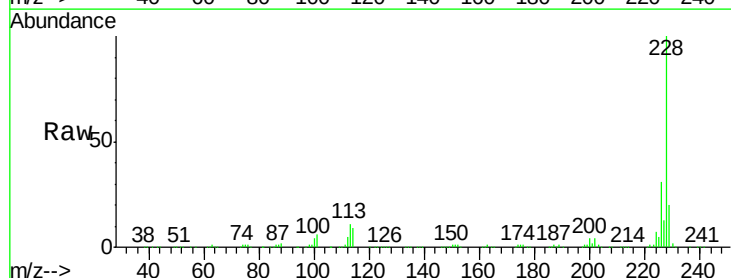
Instrument :
 BNA_F
 ClientSampleId :

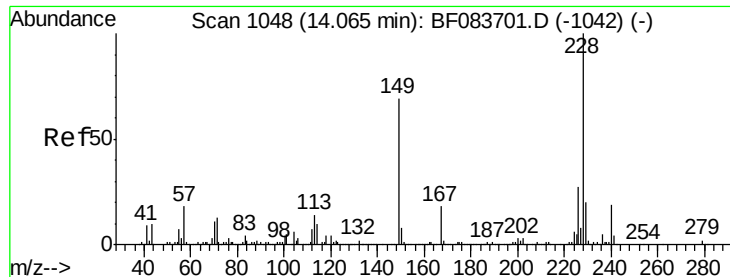
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.6	76.0
126	16.2	11.0	16.4



#82
 Chrysene
 Concen: 25.52 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	20.2	16.3	24.5

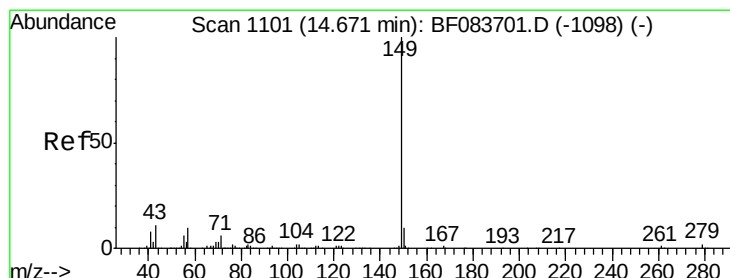
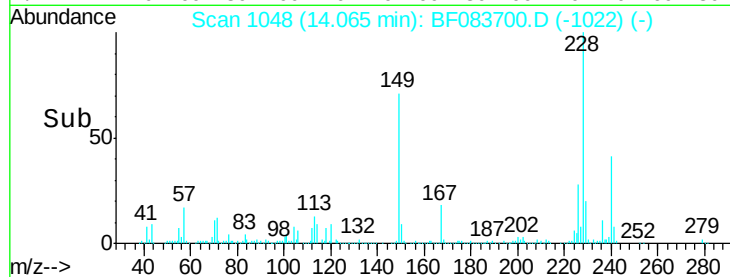
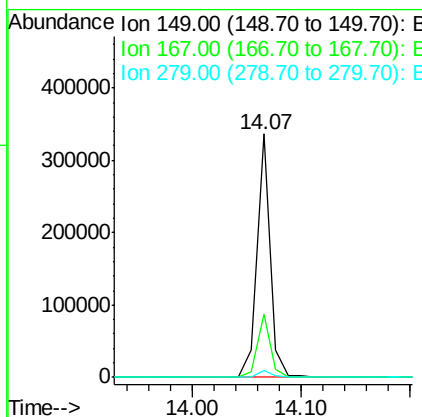
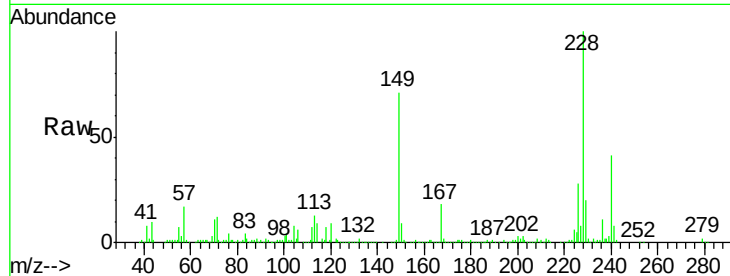




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.47 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

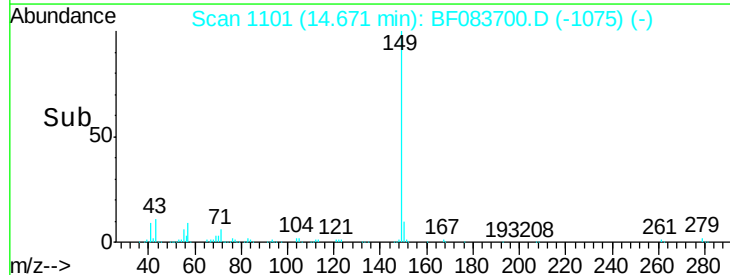
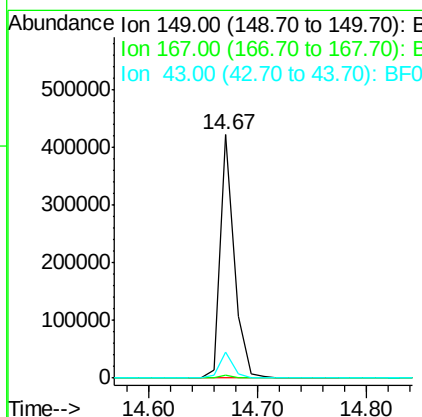
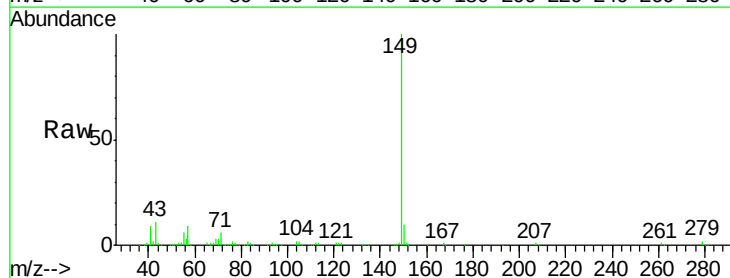
Instrument :
 BNA_F
 ClientSampleId :

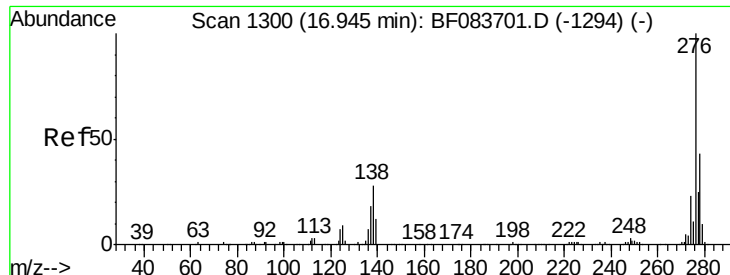
Tot Ion:149 Resp: 285785
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.8 32.8
 279 2.9 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 14.39 ng
 RT: 14.67 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Tgt Ion:149 Resp: 381445
 Ion Ratio Lower Upper
 149 100
 167 1.3 0.0 0.0#
 43 11.0 0.0 0.0#

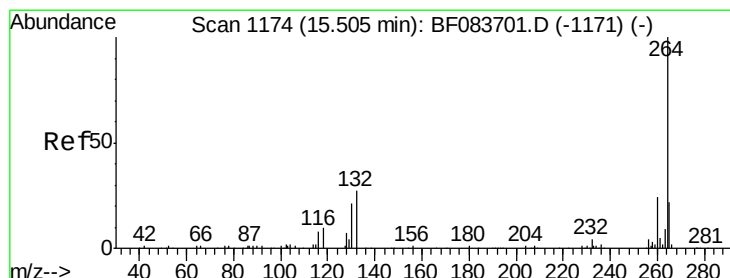
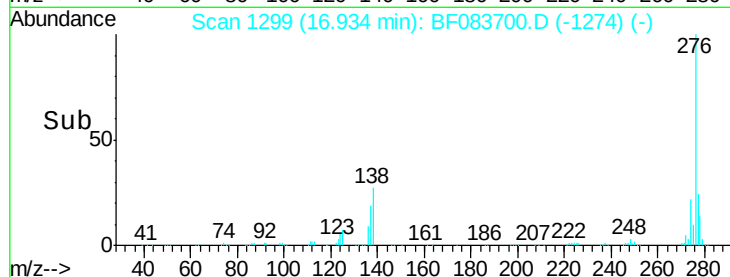
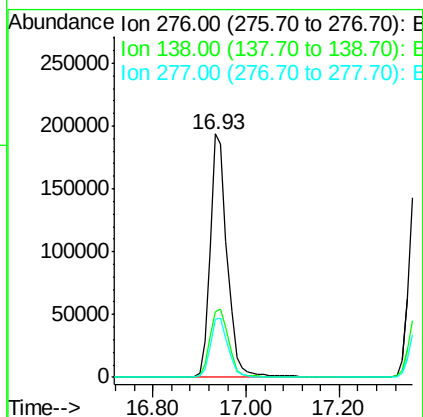
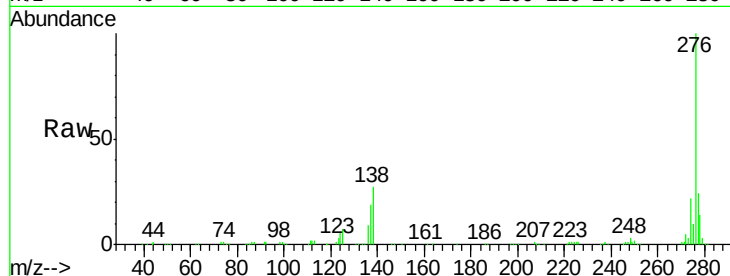




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.93 ng
 RT: 16.93 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

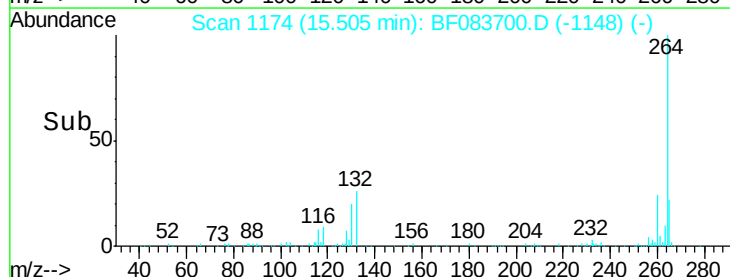
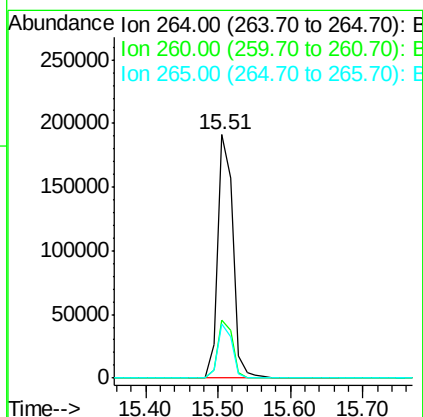
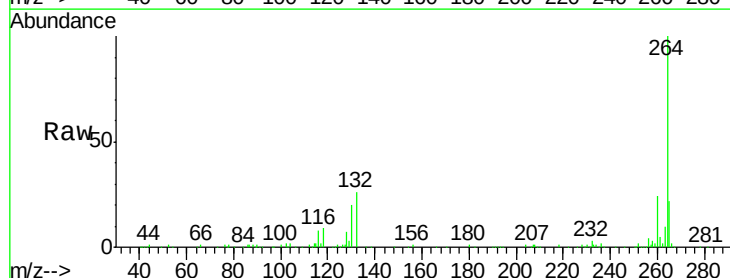
Instrument :
 BNA_F
 ClientSampleID :

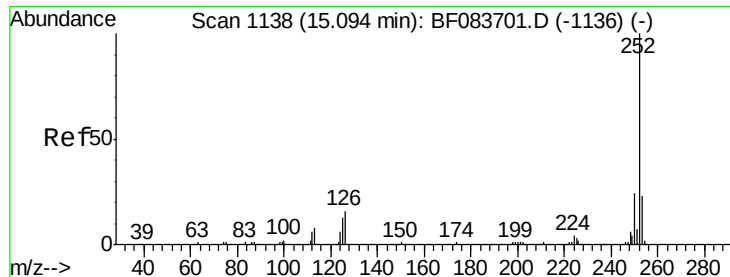
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.3	0.0	0.0#
277	25.2	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083700.D
 Acq: 11 Dec 2015 16:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.3	17.8	26.6

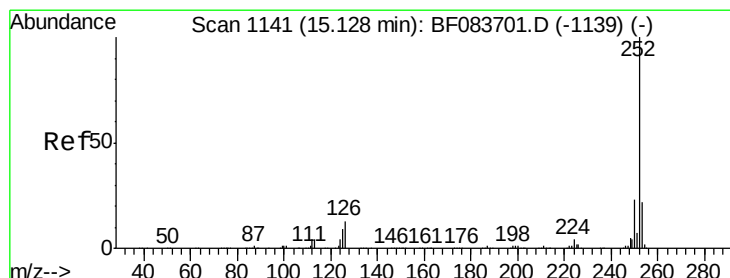
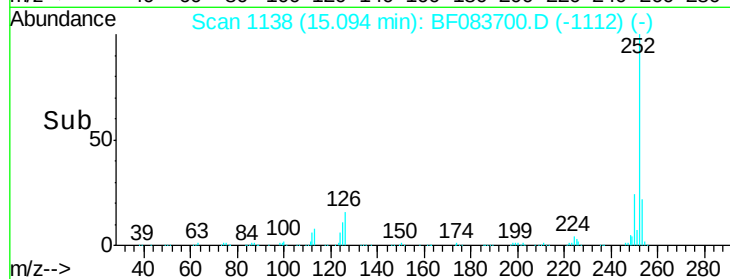
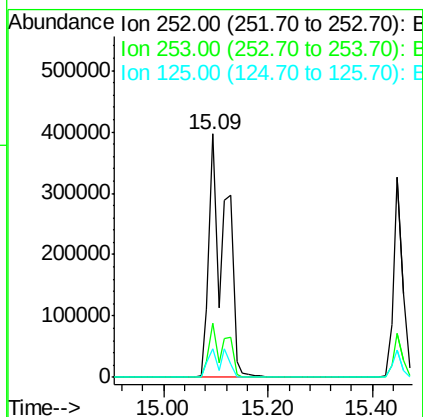
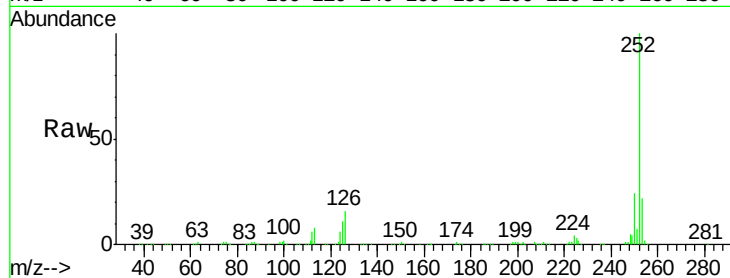




#87
Benzo(b)fluoranthene
Concen: 54.91 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

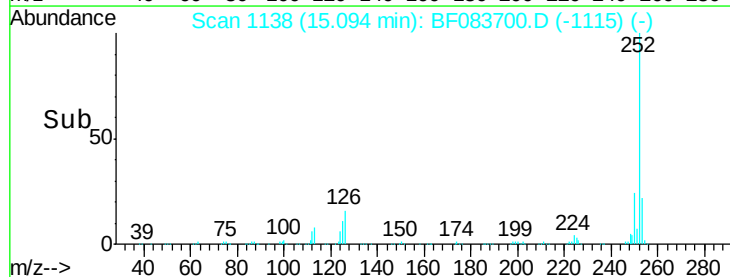
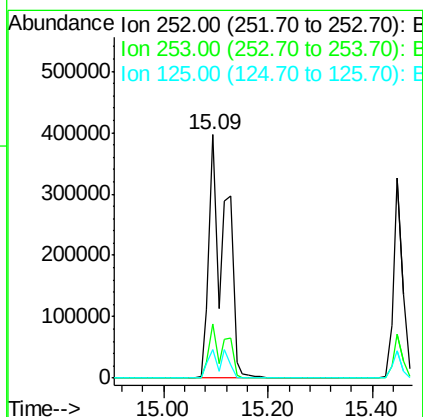
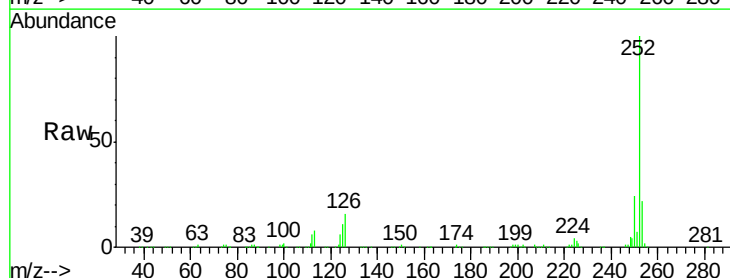
Instrument :
BNA_F
ClientSampled :

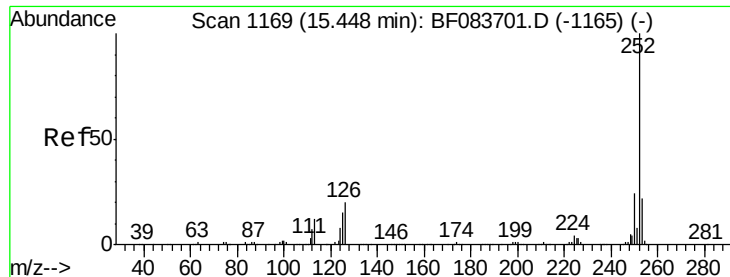
Tot Ion:252 Resp: 865194
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.5 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 49.83 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF083700.D
Acq: 11 Dec 2015 16:15

Tgt Ion:252 Resp: 865194
Ion Ratio Lower Upper
252 100
253 22.0 18.6 27.8
125 11.5 11.5 17.3#





#89

Benzo(a)pyrene

Concen: 26.29 ng

RT: 15.45 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

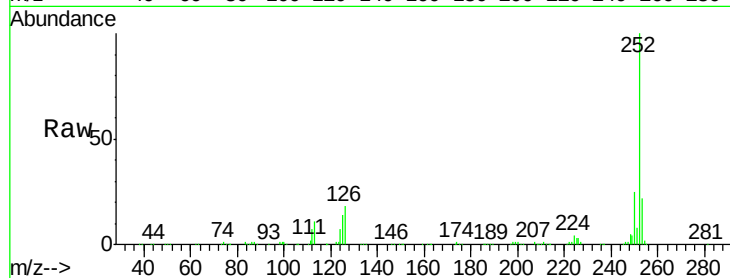
Tot Ion:252 Resp: 404287

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

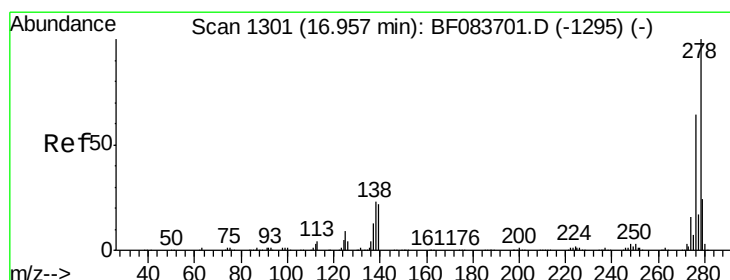
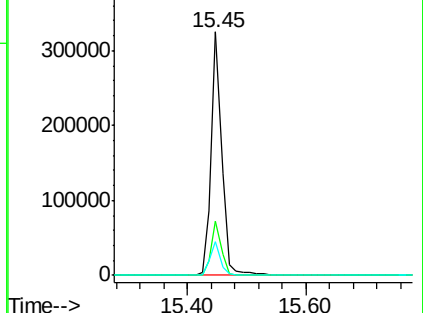
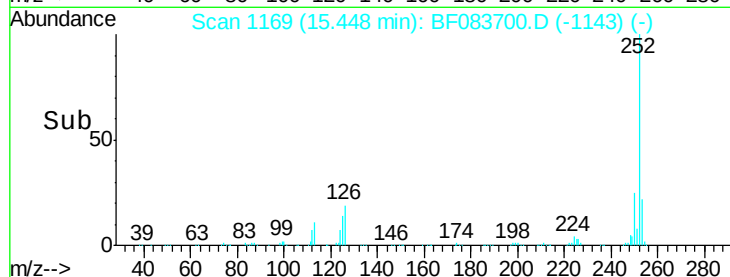
125 13.8 11.0 16.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.15 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

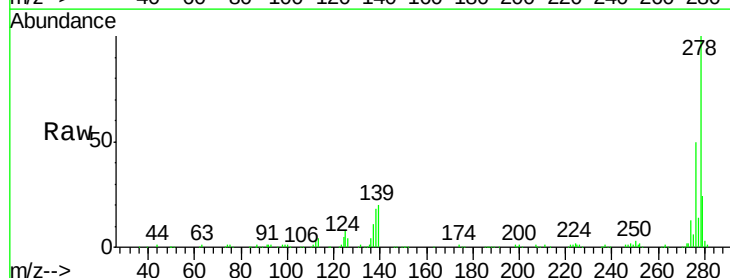
Tgt Ion:278 Resp: 413209

Ion Ratio Lower Upper

278 100

139 20.3 12.8 19.2#

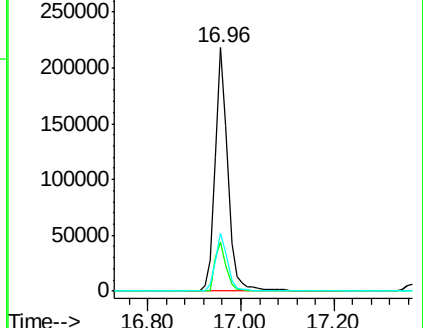
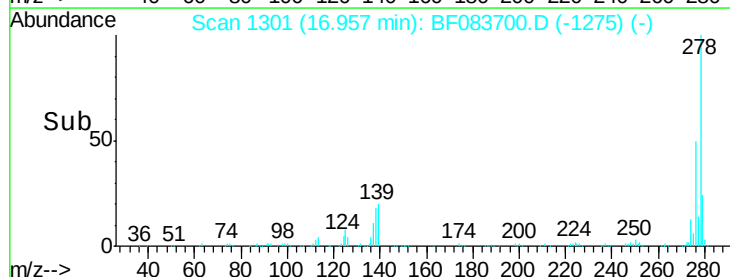
279 23.7 18.6 28.0

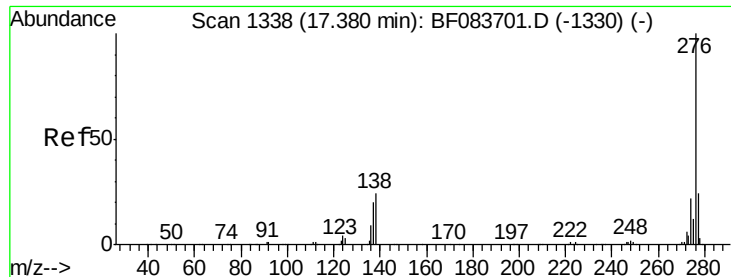


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.96 ng

RT: 17.37 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF083700.D

Acq: 11 Dec 2015 16:15

Instrument :

BNA_F

ClientSampleId :

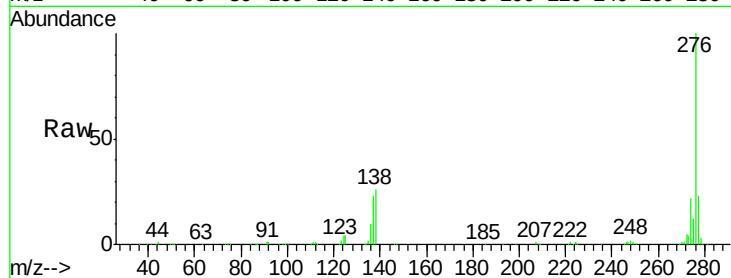
Tot Ion: 276 Resp: 435139

Ion Ratio Lower Upper

276 100

277 22.9 19.2 28.8

138 26.1 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

