

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083703.D
 Acq On : 11 Dec 2015 17:38
 Operator : UM/IZ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 18:22:35 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	139546	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	550921	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	244018	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	473028	20.00	ng	0.00
75) Chrysene-d12	14.08	240	316786	20.00	ng	0.00
86) Perylene-d12	15.52	264	272977	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1042990	113.36	ng	0.00
7) Phenol-d6	6.56	99	1228928	99.97	ng	0.01
23) Nitrobenzene-d5	7.49	82	1038508	87.96	ng	0.01
41) 2,4,6-Tribromophenol	10.75	330	281779	129.62	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1653910	95.39	ng	0.00
78) Terphenyl-d14	13.03	244	1524000	113.19	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	254618	56.02	ng	# 86
3) Pyridine	3.30	79	669769	60.65	ng	90
4) n-Nitrosodimethylamine	3.25	42	272046	46.79	ng	# 76
6) Aniline	6.59	93	872320	57.58	ng	# 84
8) 2-Chlorophenol	6.72	128	565915	56.24	ng	# 81
9) Benzaldehyde	6.46	77	300207	45.96	ng	97
10) Phenol	6.57	94	778593	52.29	ng	# 77
11) bis(2-Chloroethyl)ether	6.66	93	480054	43.82	ng	97
12) 1,3-Dichlorobenzene	6.94	146	598490	53.37	ng	98
13) 1,4-Dichlorobenzene	6.94	146	598490	52.02	ng	99
14) 1,2-Dichlorobenzene	7.10	146	572754	53.64	ng	96
15) Benzyl Alcohol	7.07	79	483769	55.31	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	693416	34.23	ng	68
17) 2-Methylphenol	7.17	107	458296	55.98	ng	# 87
18) Hexachloroethane	7.45	117	214600	52.82	ng	92
19) n-Nitroso-di-n-propylamine	7.34	70	342957	39.97	ng	94
20) 3+4-Methylphenols	7.33	107	505507	46.89	ng	# 72
22) Acetophenone	7.34	105	733537	47.47	ng	# 86
24) Nitrobenzene	7.50	77	549785	42.13	ng	96
25) Isophorone	7.76	82	1046899	45.69	ng	# 92
26) 2-Nitrophenol	7.82	139	239449	46.21	ng	88
27) 2,4-Dimethylphenol	7.86	122	499337	55.09	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	579706	45.56	ng	# 97
29) 2,4-Dichlorophenol	8.06	162	424207	51.46	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	473634	52.02	ng	97
31) Naphthalene	8.24	128	1478493	50.67	ng	97
32) Benzoic acid	7.98	122	335039	65.63	ng	93
33) 4-Chloroaniline	8.28	127	674416	63.39	ng	# 85
34) Hexachlorobutadiene	8.36	225	266083	50.02	ng	98
35) Caprolactam	8.65	113	143434	57.97	ng	# 82
36) 4-Chloro-3-methylphenol	8.76	107	514143	55.52	ng	# 78
37) 2-Methylnaphthalene	8.92	142	881915	48.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	426592	53.25	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	221777	204.26	ng	99

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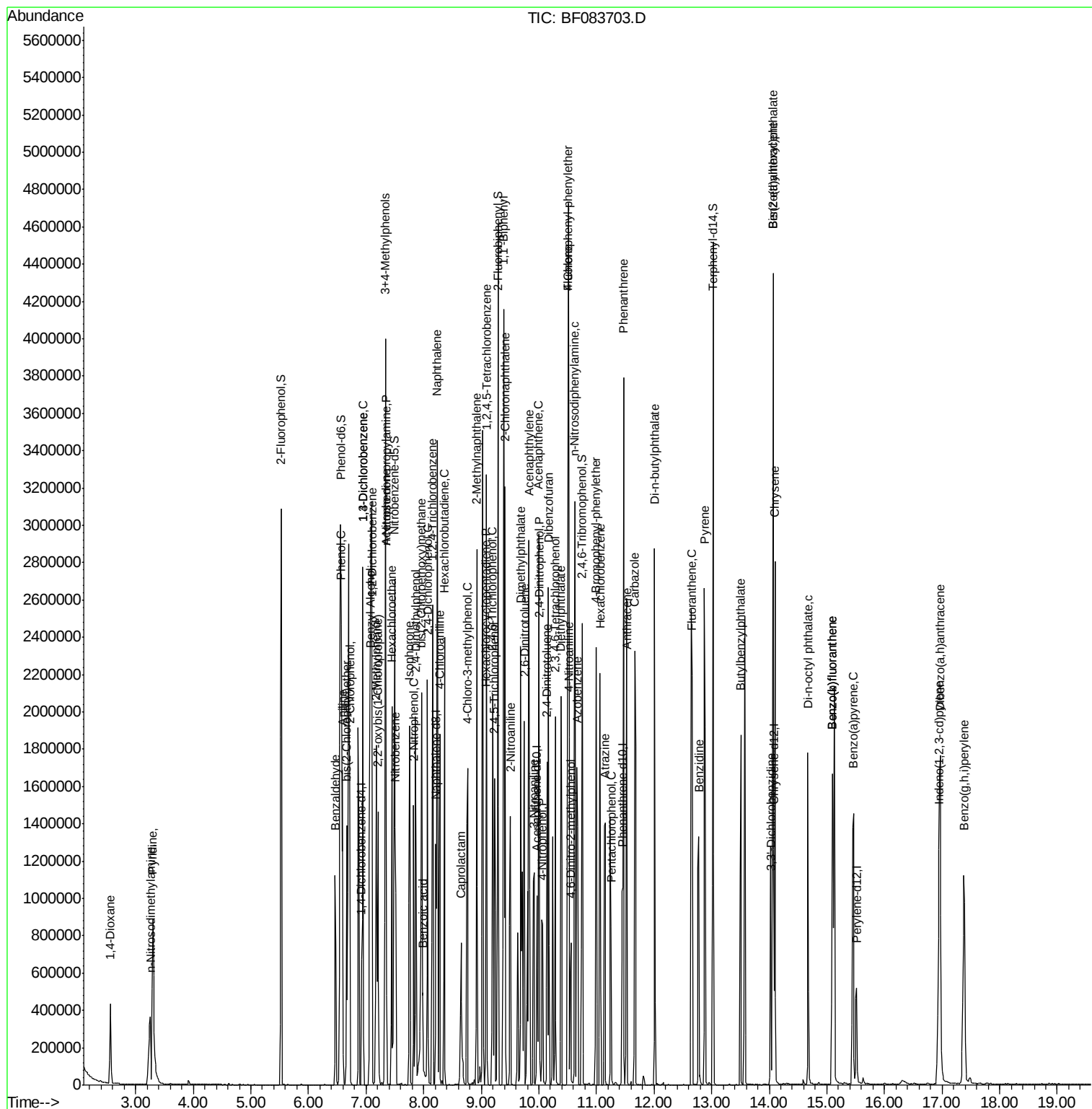
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	304292	63.84	nq	98
43) 2,4,5-Trichlorophenol	9.23	196	298423	63.24	nq	# 89
45) 1,1'-Biphenyl	9.39	154	1150805	54.26	nq	96
46) 2-Chloronaphthalene	9.41	162	871909	54.45	nq	94
47) 2-Nitroaniline	9.50	65	282199	48.86	nq	# 54
48) Acenaphthylene	9.82	152	1394038	52.80	nq	98
49) Dimethylphthalate	9.69	163	960444	49.45	nq	100
50) 2,6-Dinitrotoluene	9.74	165	230220	57.41	nq	87
51) Acenaphthene	10.00	154	845938	55.96	nq	99
52) 3-Nitroaniline	9.92	138	292785	68.69	nq	# 63
53) 2,4-Dinitrophenol	10.01	184	67830	39.68	nq	# 1
54) Dibenzofuran	10.17	168	1085268	51.77	nq	# 90
55) 4-Nitrophenol	10.06	139	244560	130.32	nq	# 70
56) 2,4-Dinitrotoluene	10.14	165	290490	54.62	nq	# 81
57) Fluorene	10.51	166	811832	44.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	216912	62.08	nq	# 100
59) Diethylphthalate	10.38	149	1004474	53.19	nq	99
60) 4-Chlorophenyl-phenylether	10.51	204	450020	51.67	nq	# 86
61) 4-Nitroaniline	10.52	138	221213	57.13	nq	91
62) Azobenzene	10.66	77	986961	47.48	nq	96
64) 4,6-Dinitro-2-methylphenol	10.56	198	150585	53.02	nq	# 53
65) n-Nitrosodiphenylamine	10.62	169	889529	56.98	nq	98
66) 4-Bromophenyl-phenylether	10.99	248	268458	50.88	nq	# 83
67) Hexachlorobenzene	11.06	284	294919	52.69	nq	95
68) Atrazine	11.15	200	276413	59.51	nq	96
69) Pentachlorophenol	11.25	266	198065	161.61	nq	96
70) Phenanthrene	11.47	178	1351152	49.72	nq	97
71) Anthracene	11.53	178	1440156	51.15	nq	100
72) Carbazole	11.67	167	1313472	54.40	nq	# 95
73) Di-n-butylphthalate	12.01	149	1386425	45.66	nq	99
74) Fluoranthene	12.66	202	1492678	53.69	nq	95
76) Benzidine	12.77	184	710703	72.13	nq	99
77) Pyrene	12.88	202	1453276	63.72	nq	98
79) Butylbenzylphthalate	13.51	149	540111	53.35	nq	# 84
80) Benzo(a)anthracene	14.07	228	1020158	55.02	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	350835	56.01	nq	# 96
82) Chrysene	14.10	228	946699	50.93	nq	100
83) Bis(2-ethylhexyl)phthalate	14.07	149	514555	36.62	nq	98
84) Di-n-octyl phthalate	14.67	149	855170	39.83	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.95	276	1177291	93.84	nq	# 100
87) Benzo(b)fluoranthene	15.09	252	1048745	67.47	nq	# 97
88) Benzo(k)fluoranthene	15.09	252	1048745	61.23	nq	99
89) Benzo(a)pyrene	15.46	252	892857	58.86	nq	# 96
90) Dibenzo(a,h)anthracene	16.97	278	969698	83.61	nq	# 94
91) Benzo(g,h,i)perylene	17.38	276	1007987	89.14	nq	96

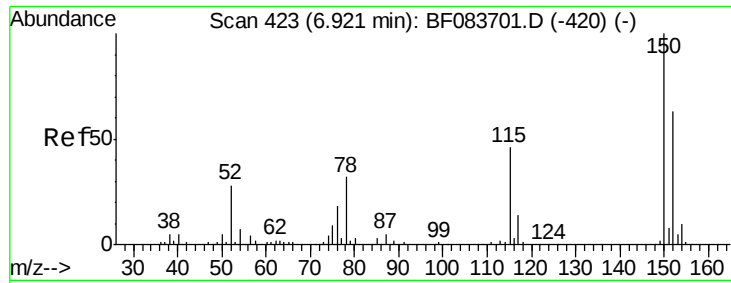
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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ALS Vial  : 8      Sample Multiplier: 1
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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: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

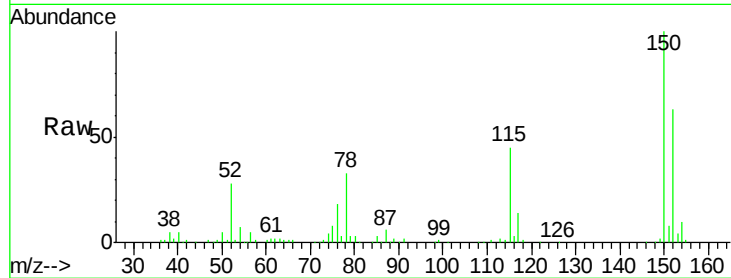
Tot Ion:152 Resp: 139546

Ion Ratio Lower Upper

152 100

150 157.5 126.5 189.7

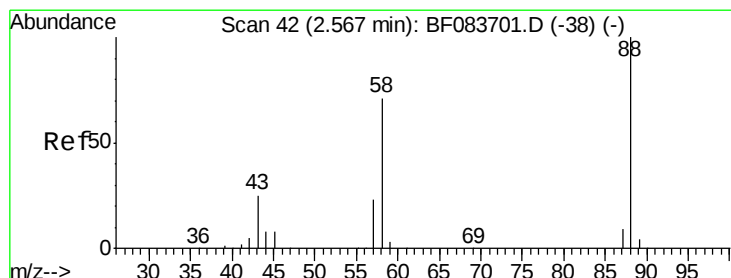
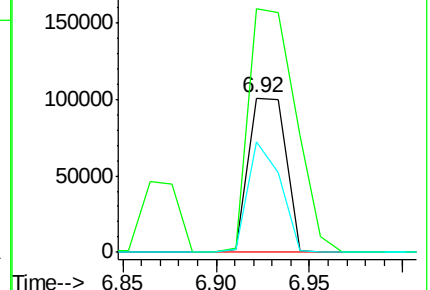
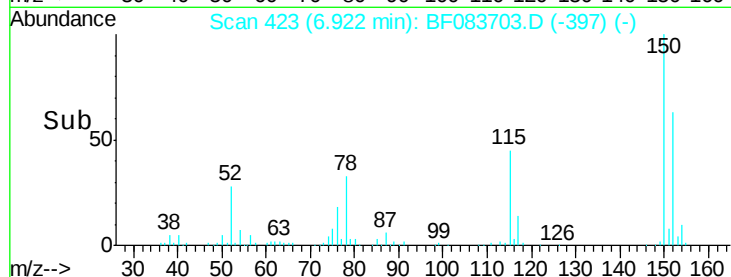
115 71.3 52.3 78.5



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: 56.02 ng

RT: 2.56 min Scan# 41

Delta R.T. -0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

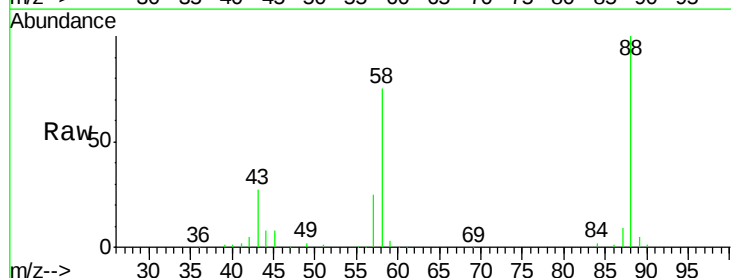
Tgt Ion: 88 Resp: 254618

Ion Ratio Lower Upper

88 100

58 72.5 68.0 102.0

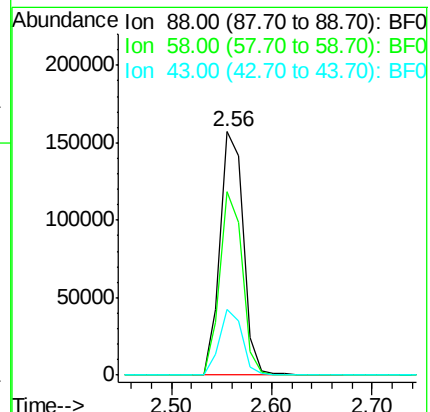
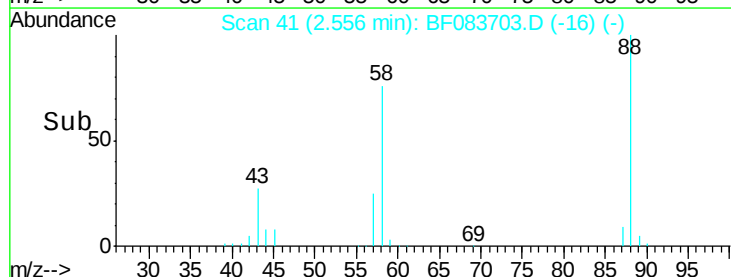
43 26.2 27.9 41.9#

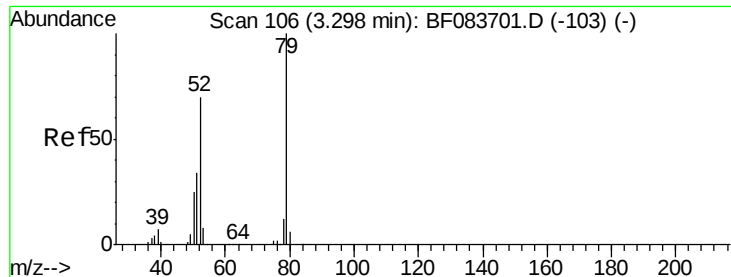


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 60.65 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

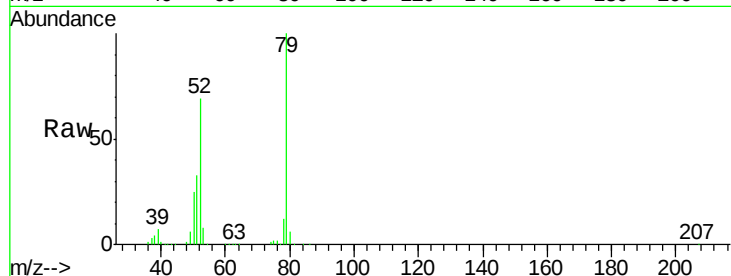
Tot Ion: 79 Resp: 669769

Ion Ratio Lower Upper

79 100

52 69.4 63.7 95.5

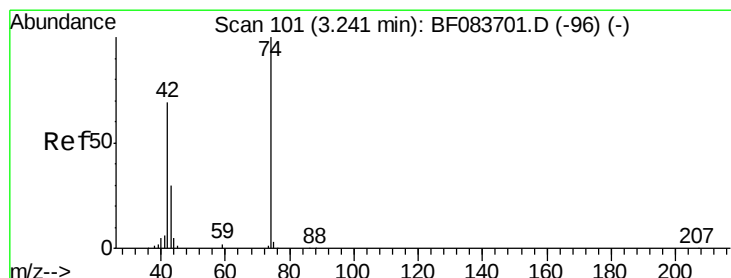
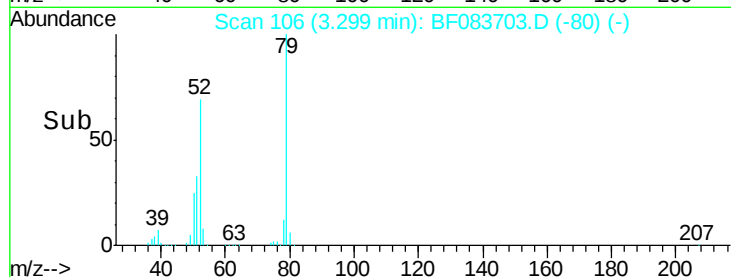
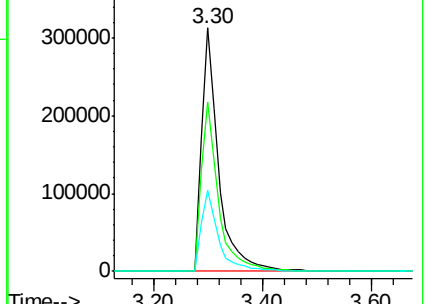
51 33.3 30.6 45.8



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: 46.79 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

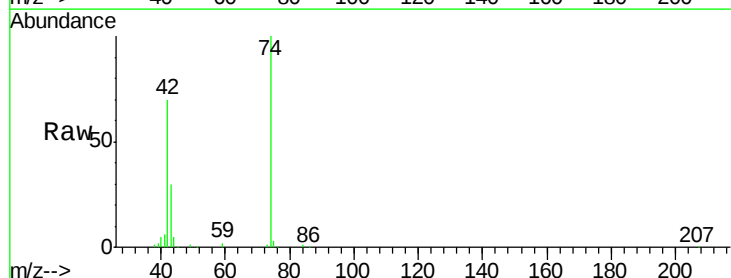
Tgt Ion: 42 Resp: 272046

Ion Ratio Lower Upper

42 100

74 143.4 92.9 139.3#

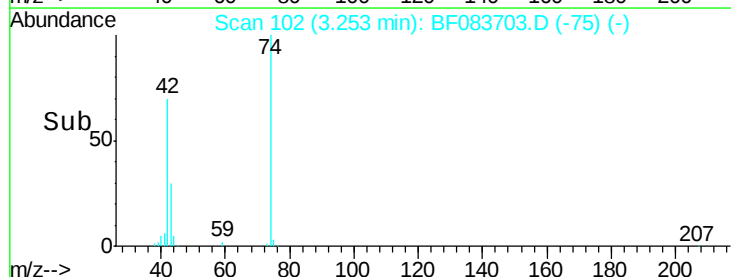
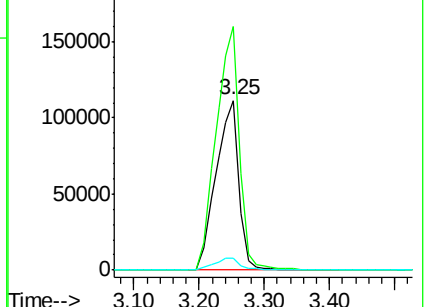
44 7.4 5.7 8.5

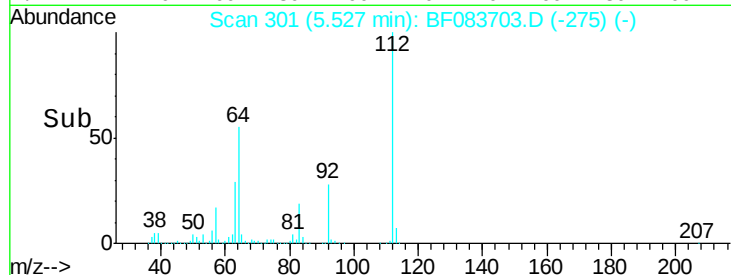
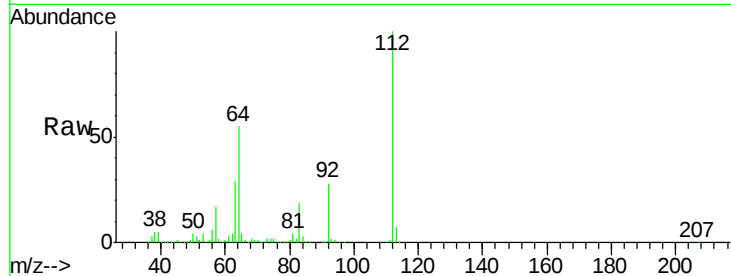
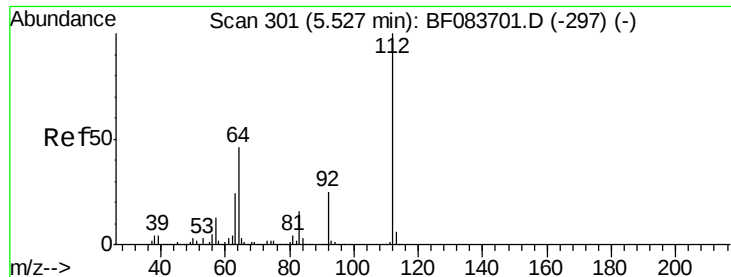


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

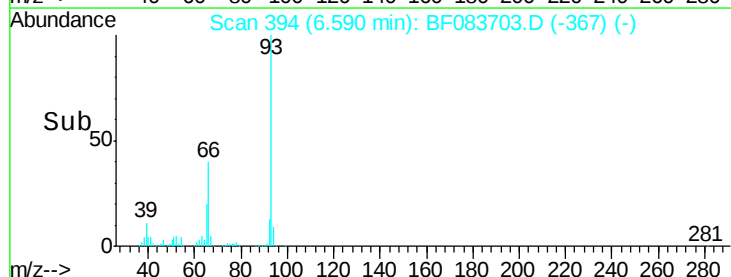
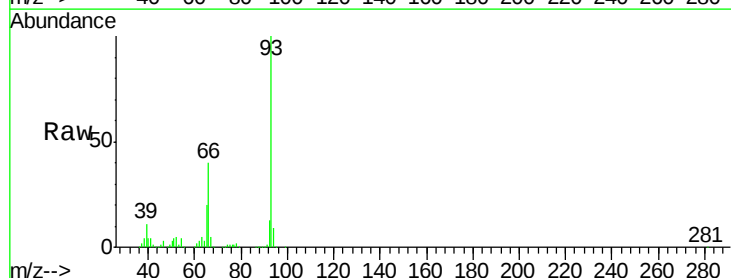
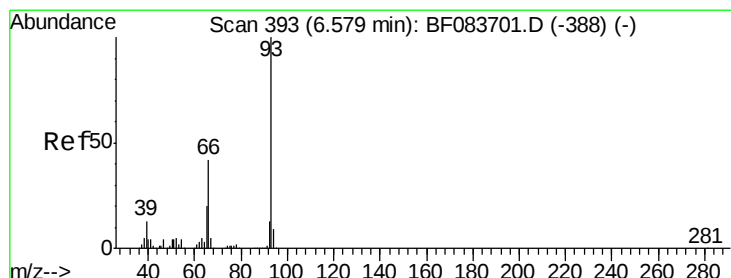
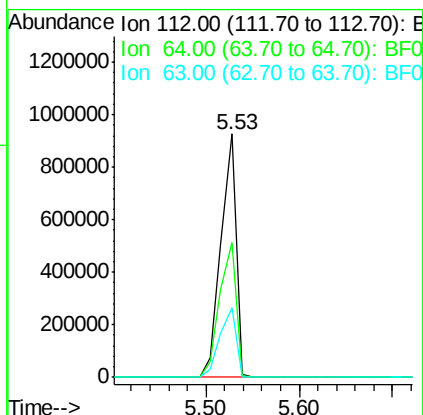




#5
2-Fluorophenol
Concen: 113.36 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

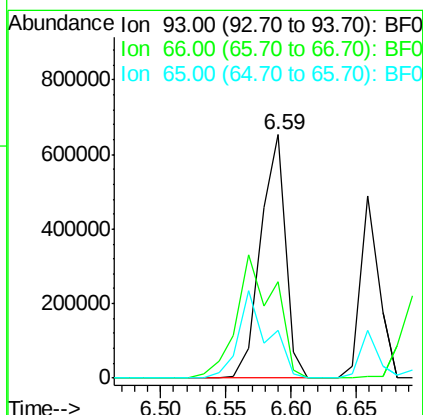
Instrument :
BNA_F
ClientSampleId :

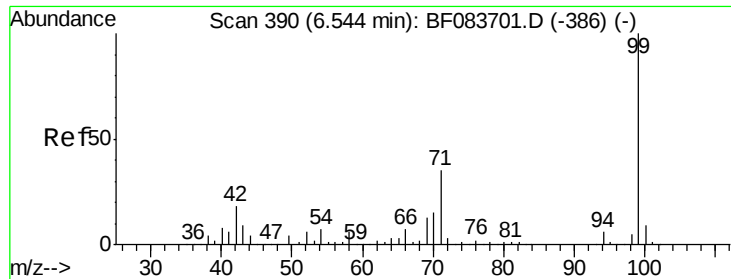
Tot Ion:112 Resp: 1042990
Ion Ratio Lower Upper
112 100
64 55.5 50.5 75.7
63 28.7 25.8 38.6



#6
Aniline
Concen: 57.58 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion: 93 Resp: 872320
Ion Ratio Lower Upper
93 100
66 39.5 41.3 61.9#
65 19.5 20.8 31.2#





#7

Phenol-d6

Concen: 99.97 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

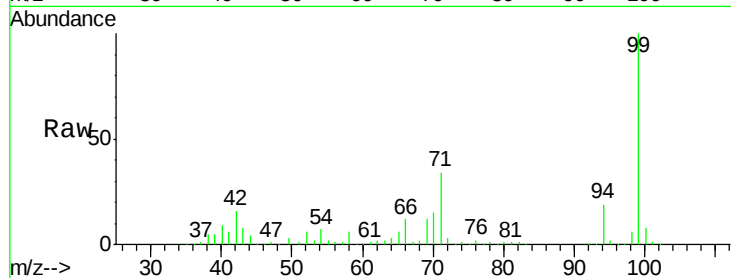
Instrument :

BNA_F

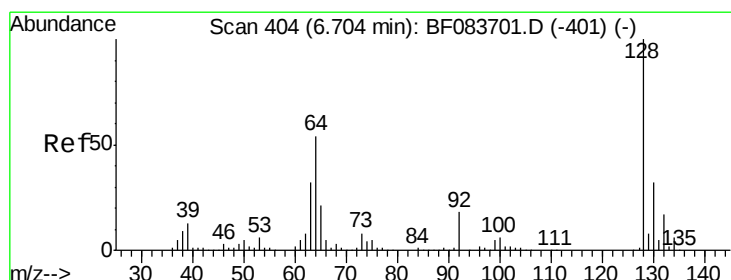
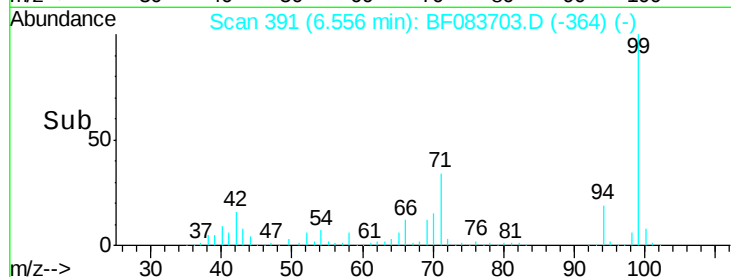
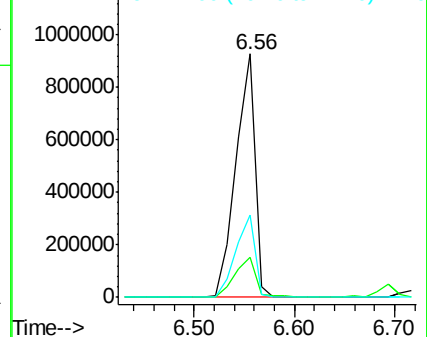
ClientSampleId :

Tot Ion: 99 Resp: 1228928

Ion	Ratio	Lower	Upper
99	100		
42	16.5	17.3	25.9#
71	33.6	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: 56.24 ng

RT: 6.72 min Scan# 405

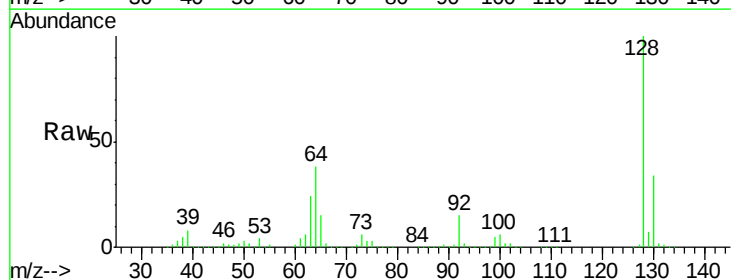
Delta R.T. 0.01 min

Lab File: BF083703.D

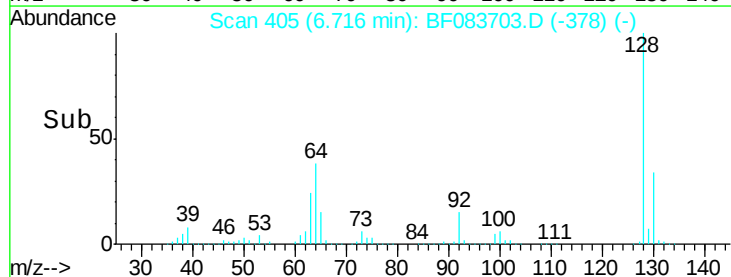
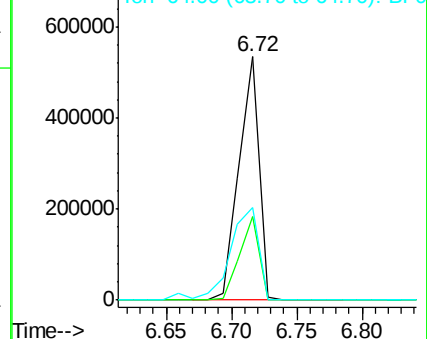
Acq: 11 Dec 2015 17:38

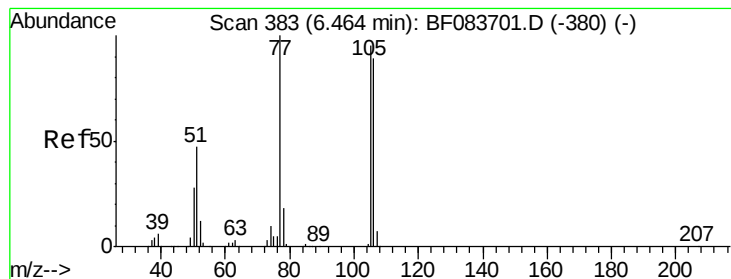
Tgt Ion: 128 Resp: 565915

Ion	Ratio	Lower	Upper
128	100		
130	34.1	12.6	52.6
64	37.9	38.6	78.6#



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





#9

Benzaldehyde

Concen: 45.96 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

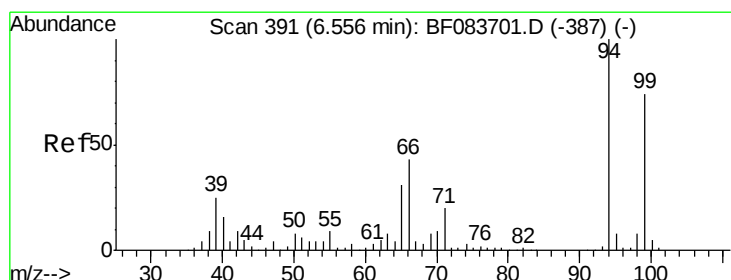
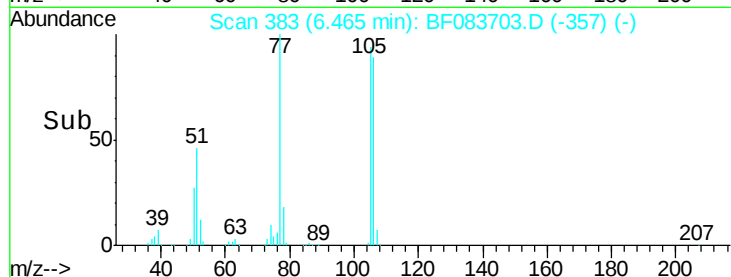
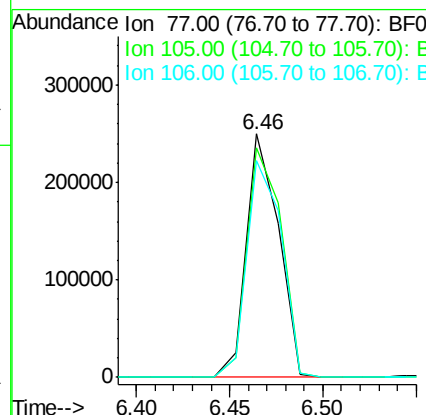
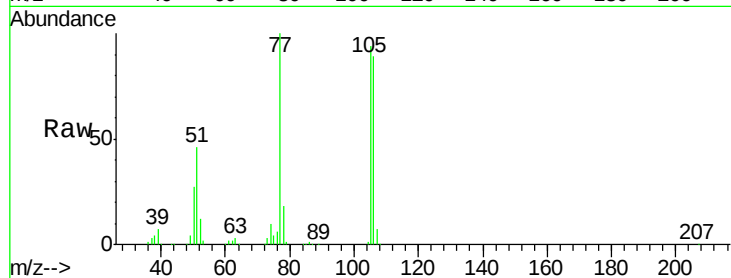
Tot Ion: 77 Resp: 300207

Ion Ratio Lower Upper

77 100

105 94.5 71.8 111.8

106 89.0 66.8 106.8



#10

Phenol

Concen: 52.29 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

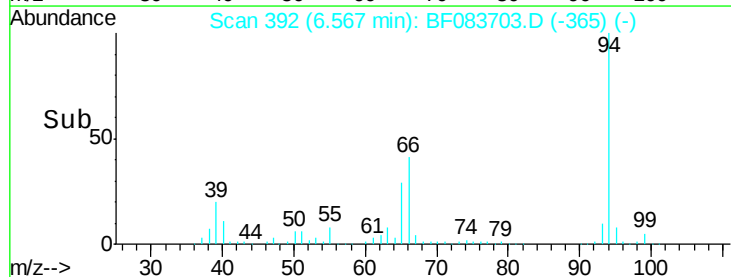
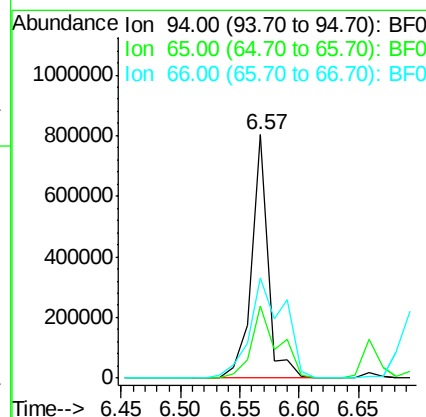
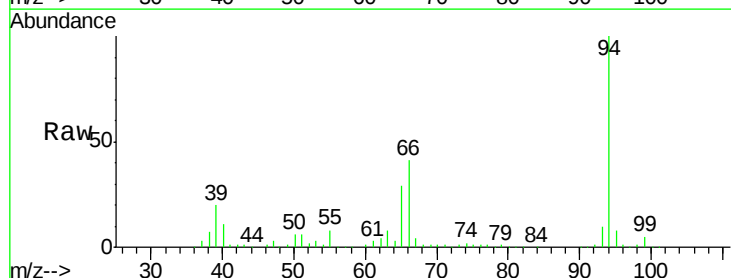
Tgt Ion: 94 Resp: 778593

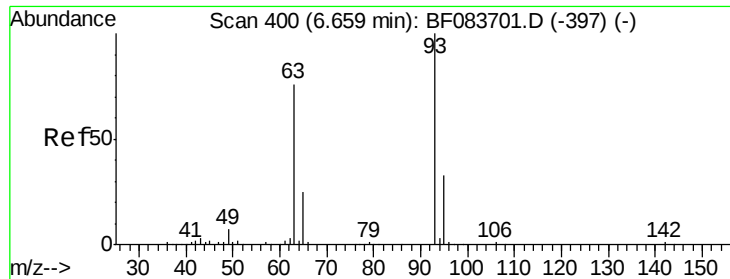
Ion Ratio Lower Upper

94 100

65 29.4 20.9 60.9

66 41.0 41.6 81.6#





#11

bis(2-Chloroethyl)ether

Concen: 43.82 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

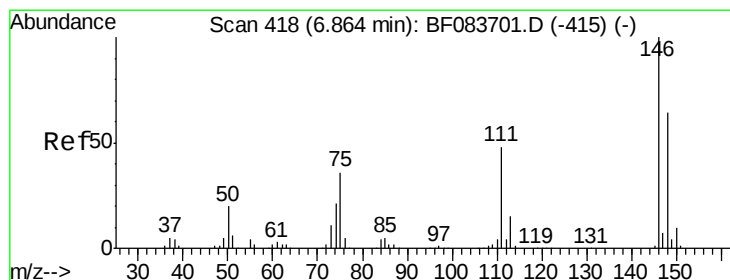
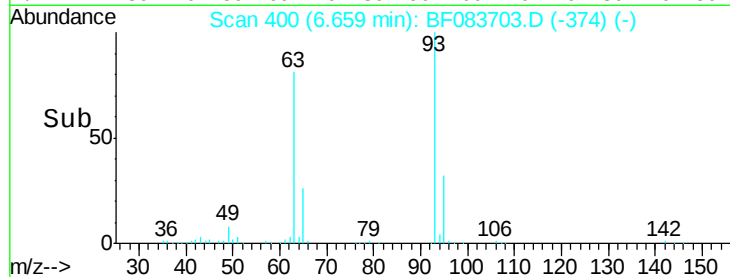
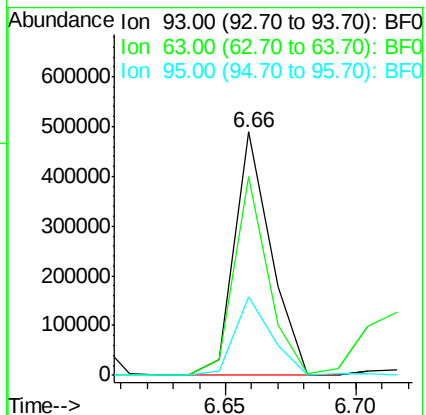
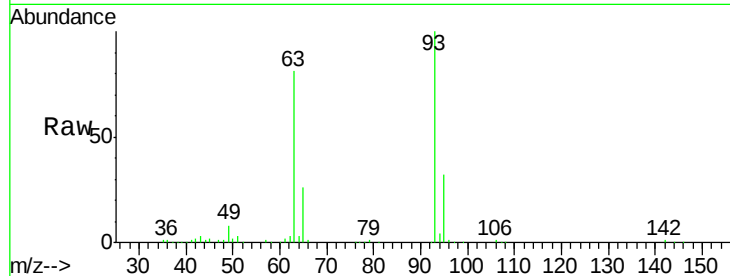
Tot Ion: 93 Resp: 480054

Ion Ratio Lower Upper

93 100

63 81.4 64.7 104.7

95 32.3 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 53.37 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.08 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

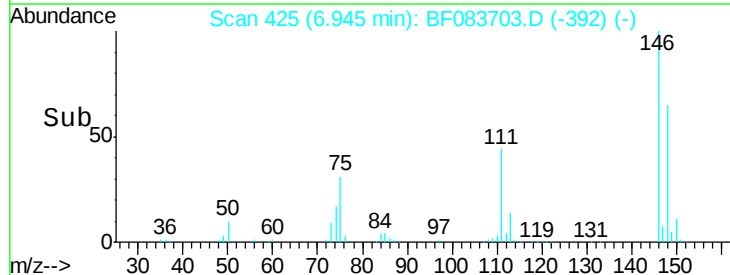
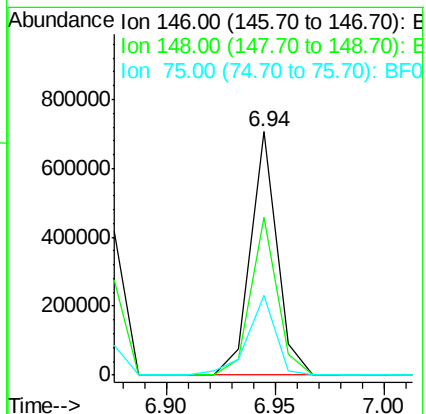
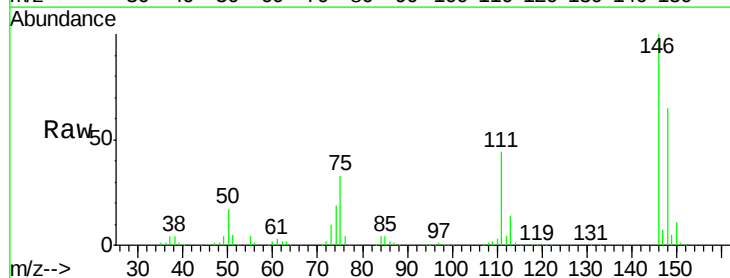
Tgt Ion: 146 Resp: 598490

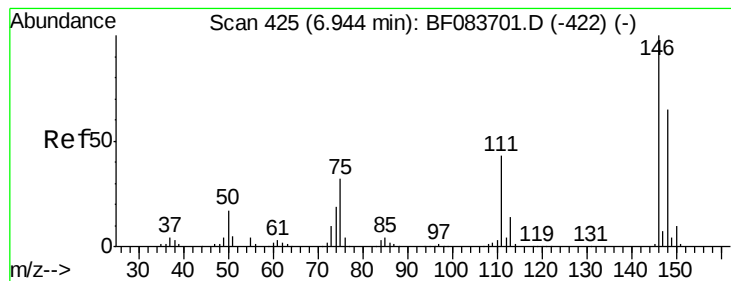
Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

75 32.6 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 52.02 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

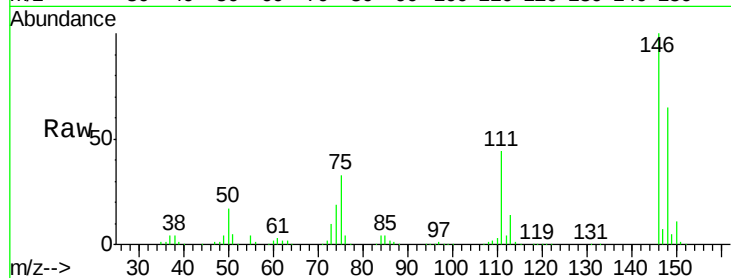
Tot Ion:146 Resp: 598490

Ion Ratio Lower Upper

146 100

148 64.7 50.6 76.0

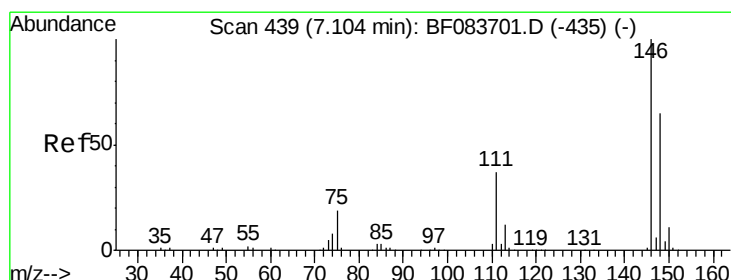
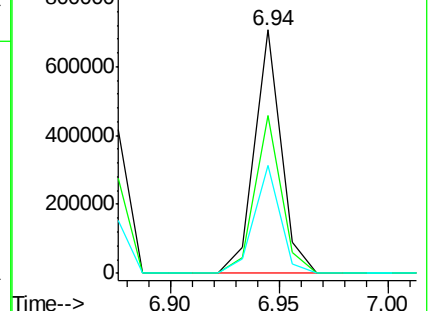
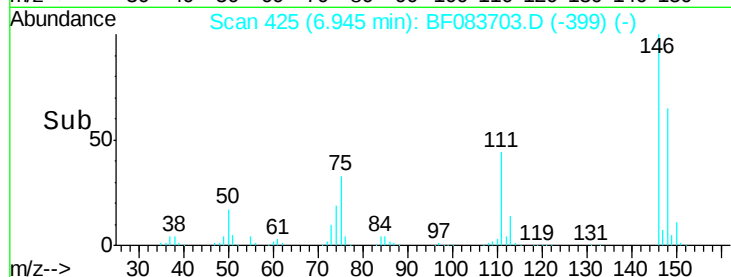
111 44.4 36.1 54.1



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: 53.64 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

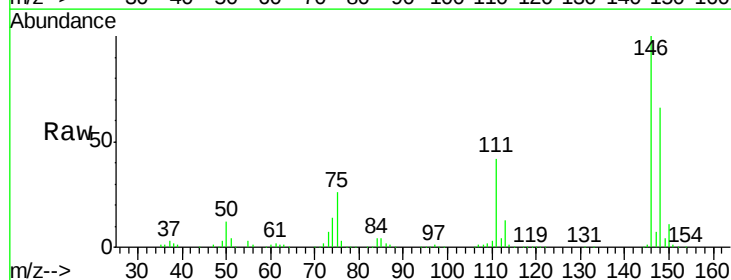
Tgt Ion:146 Resp: 572754

Ion Ratio Lower Upper

146 100

148 65.5 51.4 77.0

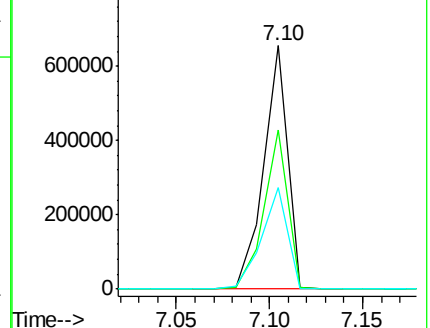
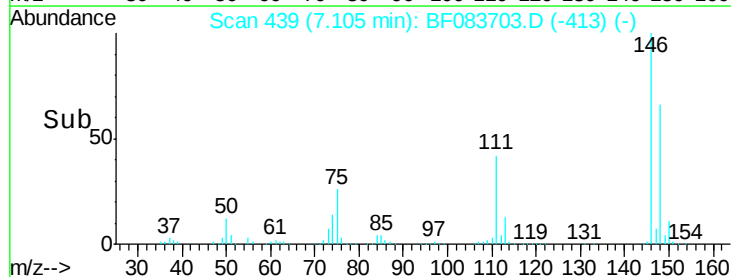
111 41.7 36.7 55.1

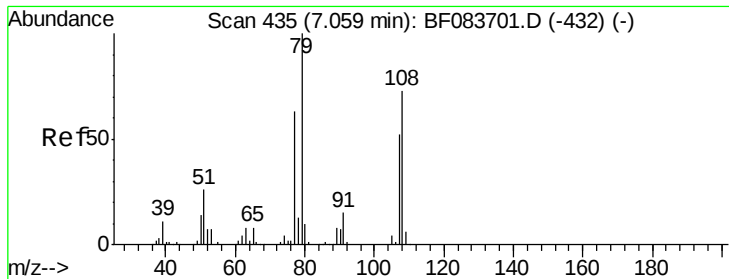


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.31 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

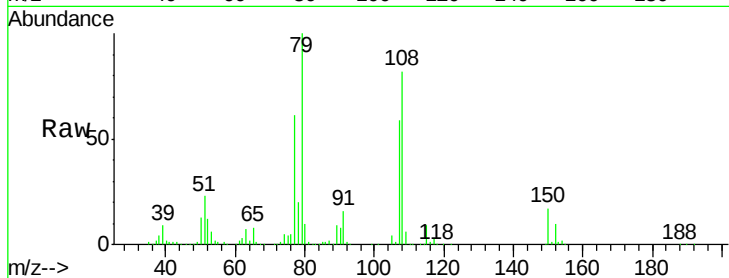
Tot Ion: 79 Resp: 483769

Ion Ratio Lower Upper

79 100

108 82.4 59.6 89.4

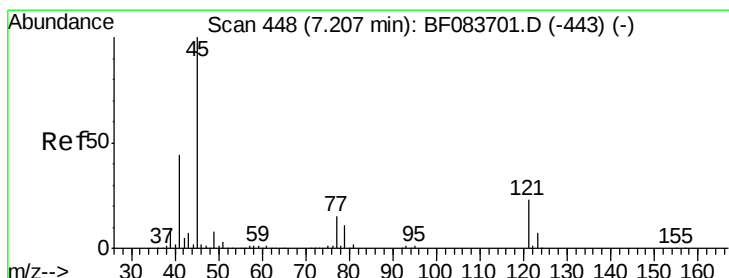
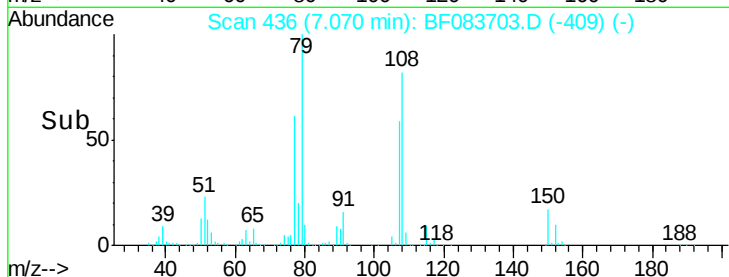
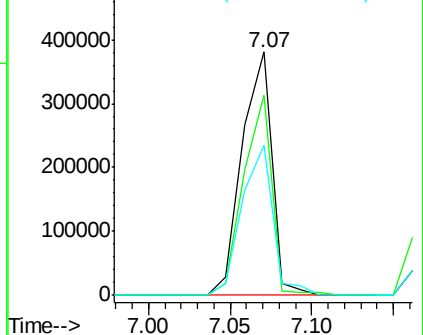
77 61.5 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.23 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

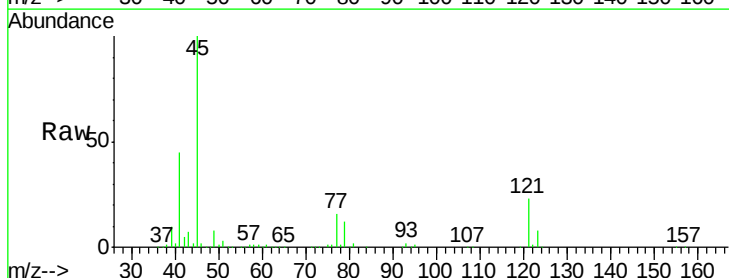
Tgt Ion: 45 Resp: 693416

Ion Ratio Lower Upper

45 100

77 15.9 12.8 52.8

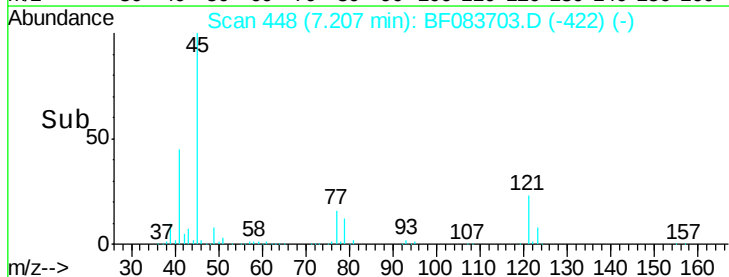
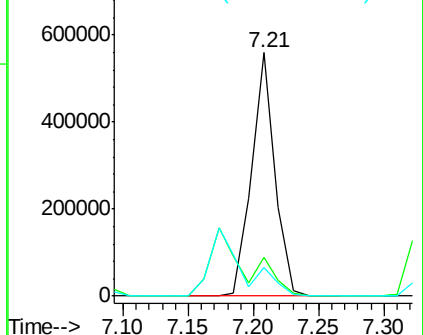
79 11.7 10.7 50.7

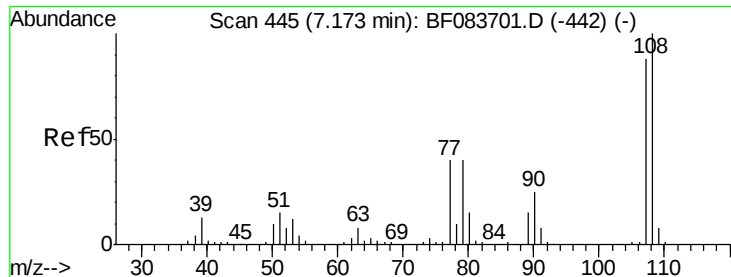


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 55.98 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 458296

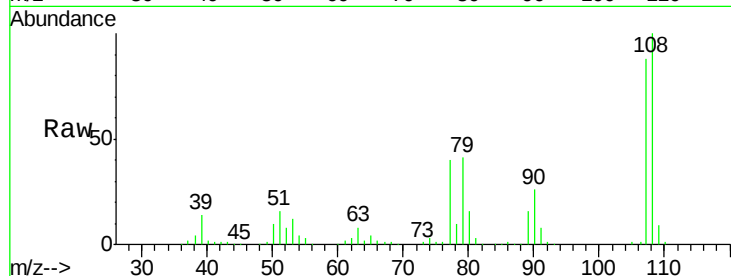
Ion Ratio Lower Upper

107 100

108 114.0 91.6 137.4

77 46.0 53.7 80.5#

79 46.5 50.2 75.4#

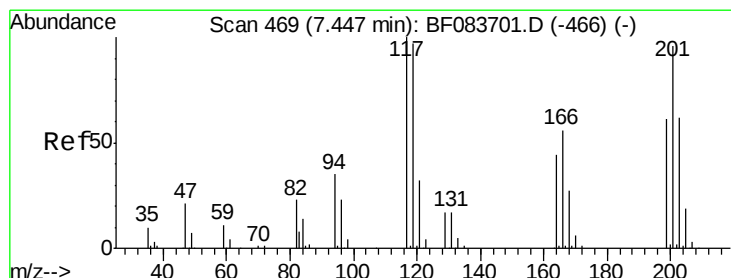
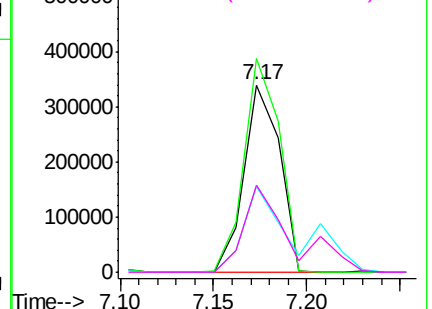
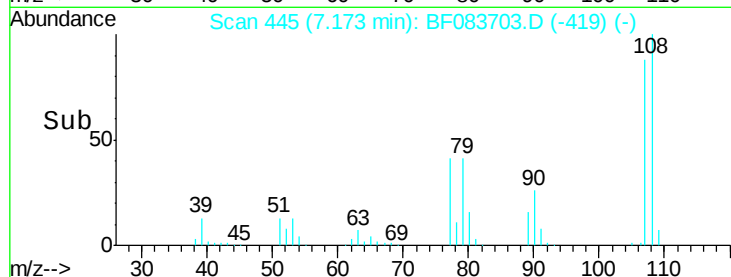


Abundance Ion 107.00 (106.70 to 107.70): E

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: 52.82 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

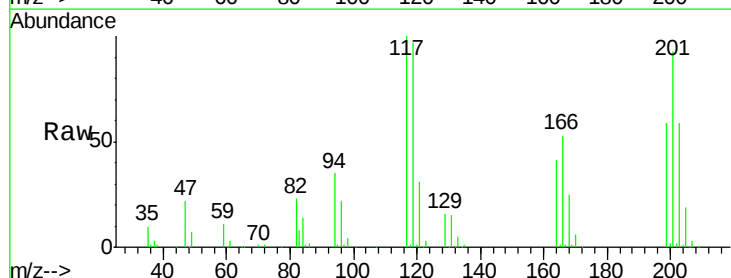
Tgt Ion:117 Resp: 214600

Ion Ratio Lower Upper

117 100

119 97.0 77.2 115.8

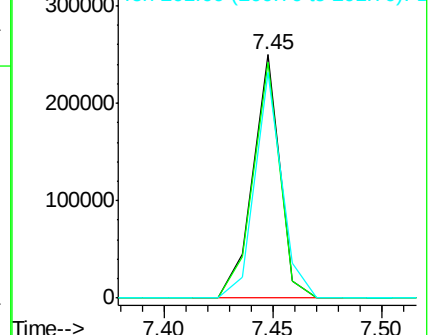
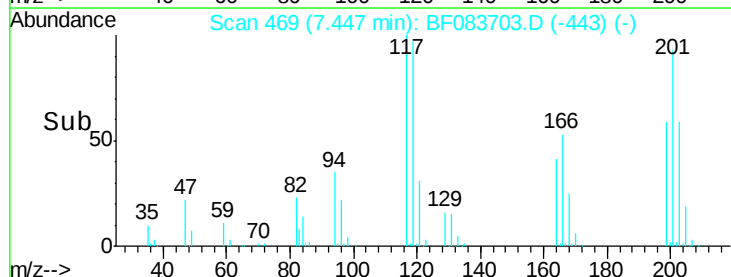
201 92.5 86.8 130.2

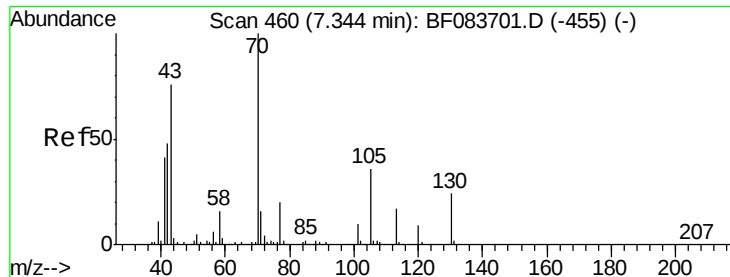


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.97 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 342957

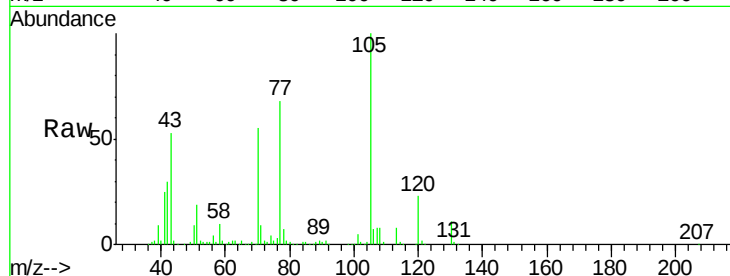
Ion Ratio Lower Upper

70 100

42 55.3 49.2 73.8

101 8.8 7.1 10.7

130 19.7 15.4 23.0

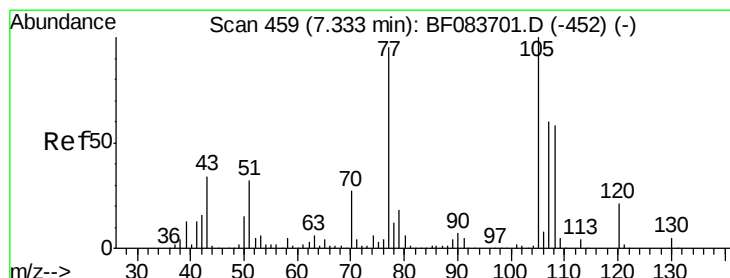
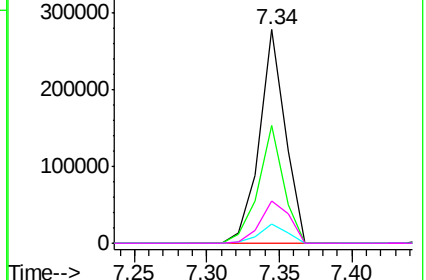
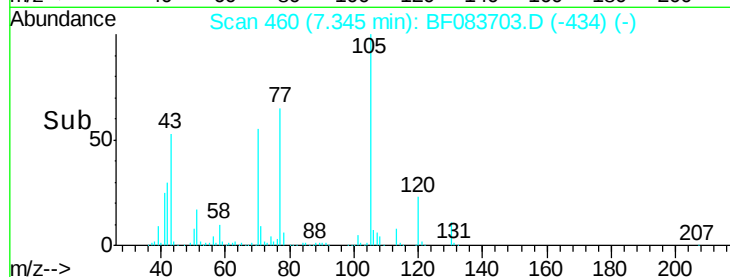


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 46.89 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Tgt Ion:107 Resp: 505507

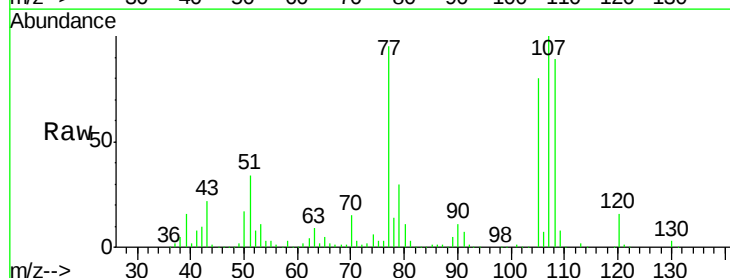
Ion Ratio Lower Upper

107 100

108 88.7 65.2 105.2

77 94.7 15.2 55.2#

79 29.7 6.0 46.0

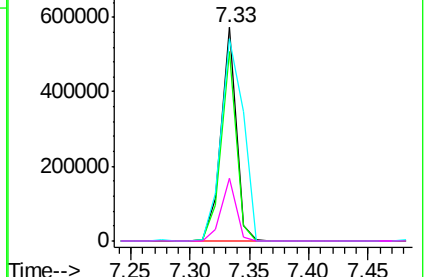
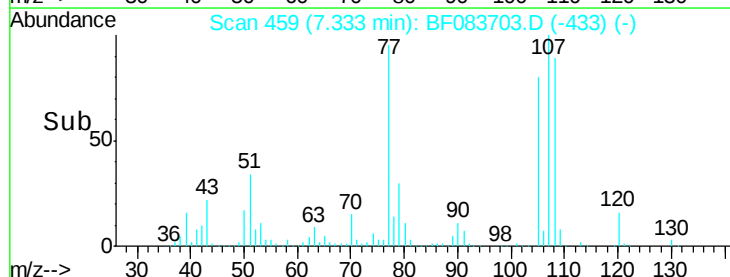


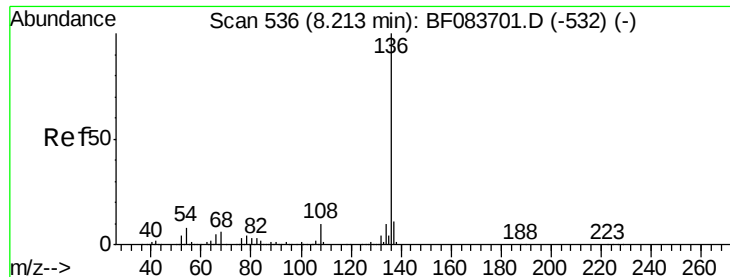
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF083703.D

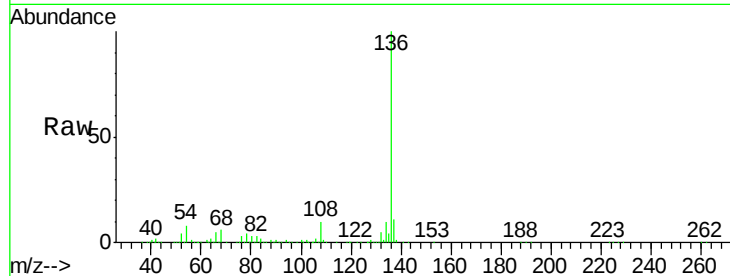
Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	550921
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	7.7	7.8 11.6#
68	6.3	5.7 8.5

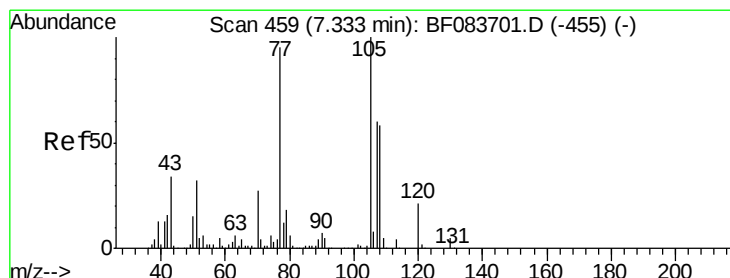
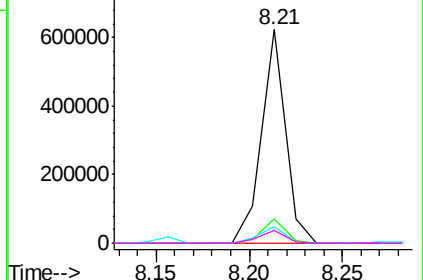
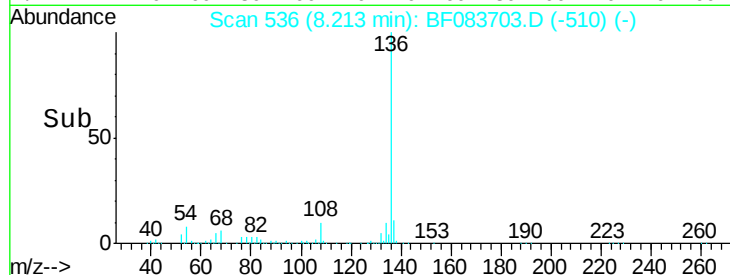


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.47 ng

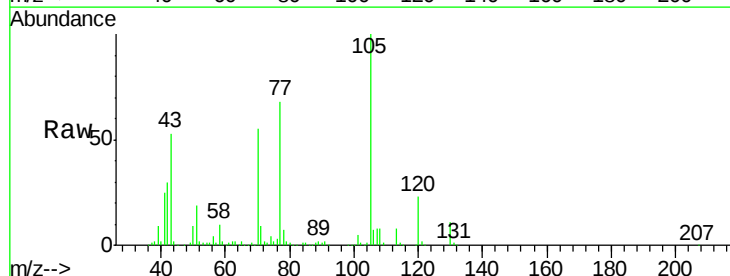
RT: 7.34 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Tgt Ion:105	Resp:	733537
Ion Ratio	Lower	Upper
105	100	
71	9.3	1.3 1.9#
51	19.0	23.8 35.8#
120	23.2	16.7 25.1

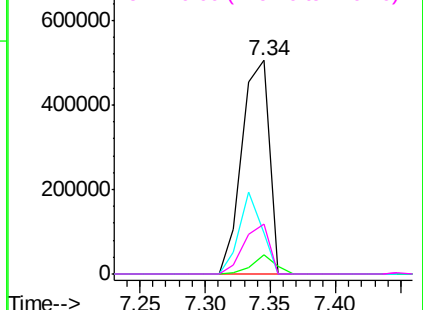
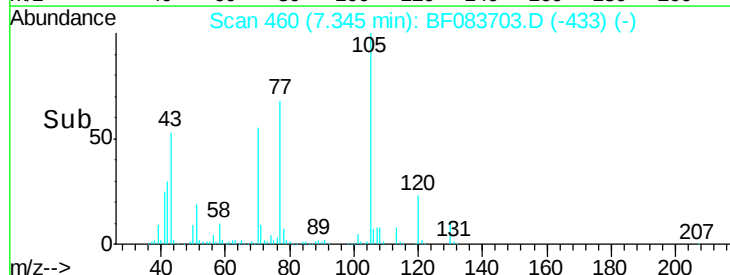


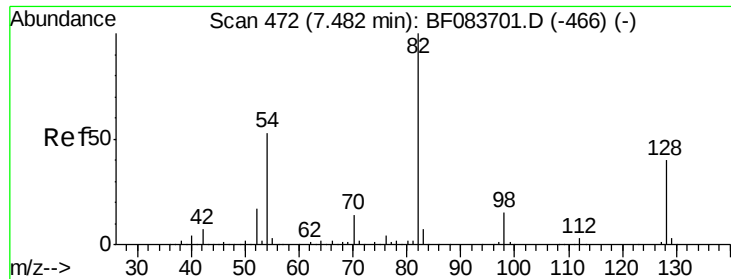
Abundance Ion 105.00 (104.70 to 105.70): E

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

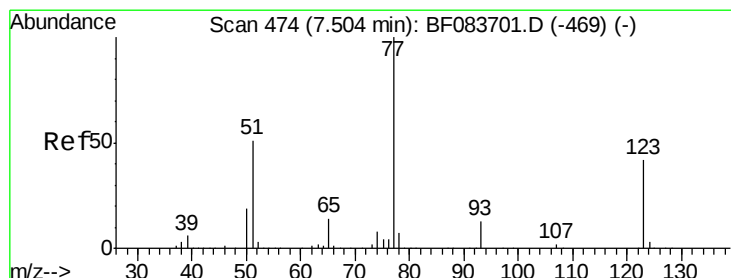
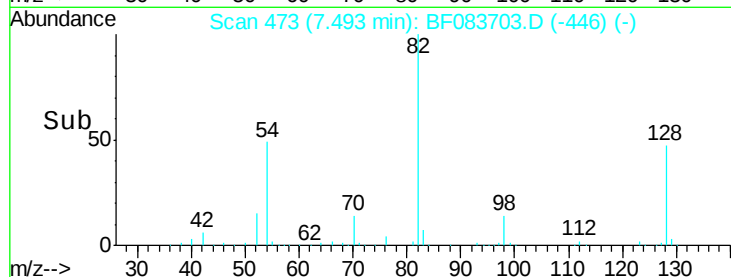
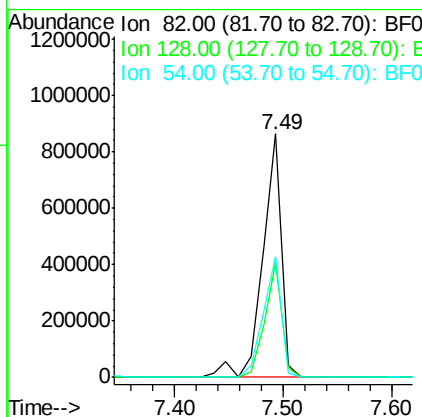
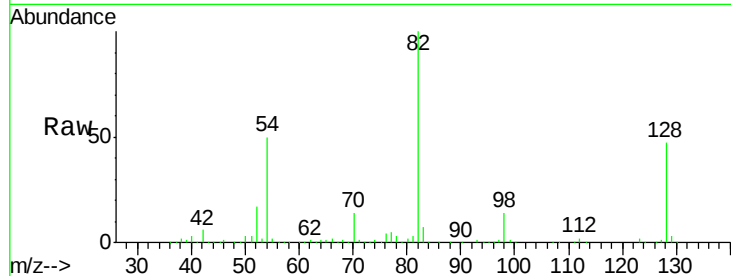




#23
 Nitrobenzene-d5
 Concen: 87.96 ng
 RT: 7.49 min Scan# 473
 Delta R.T. 0.01 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

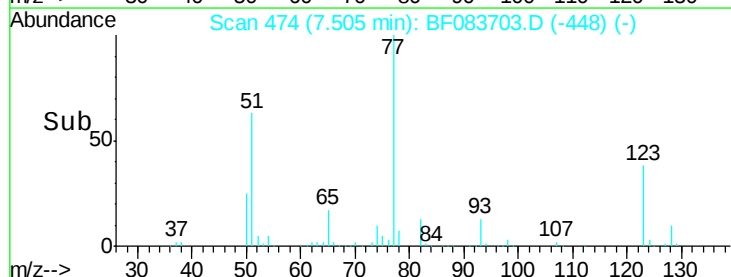
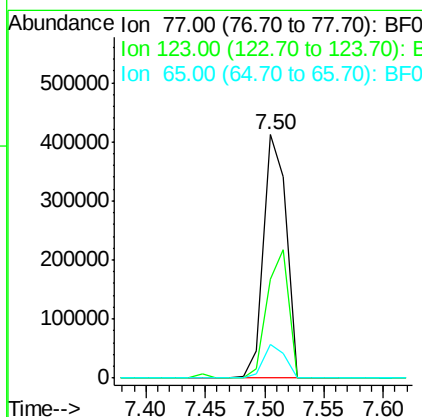
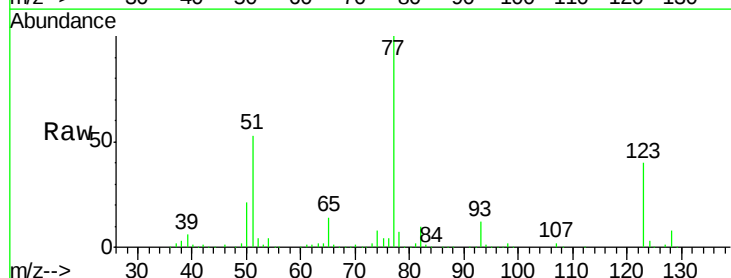
Instrument :
 BNA_F
 ClientSampleID :

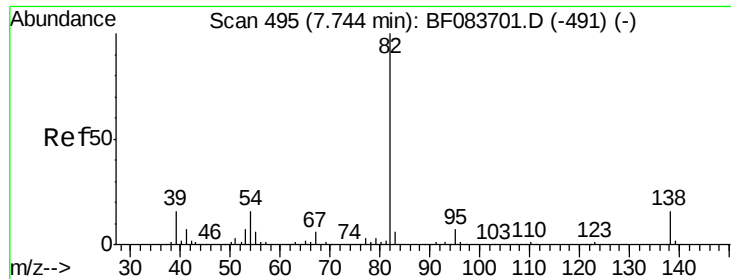
Tot Ion: 82 Resp: 1038508
 Ion Ratio Lower Upper
 82 100
 128 47.1 30.7 46.1#
 54 49.7 42.5 63.7



#24
 Nitrobenzene
 Concen: 42.13 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion: 77 Resp: 549785
 Ion Ratio Lower Upper
 77 100
 123 40.5 29.8 44.6
 65 13.8 11.1 16.7





#25

Isophorone

Concen: 45.69 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

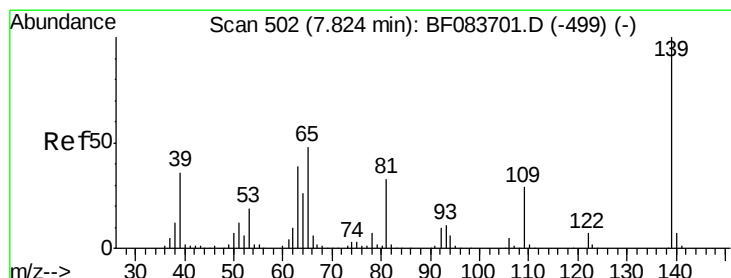
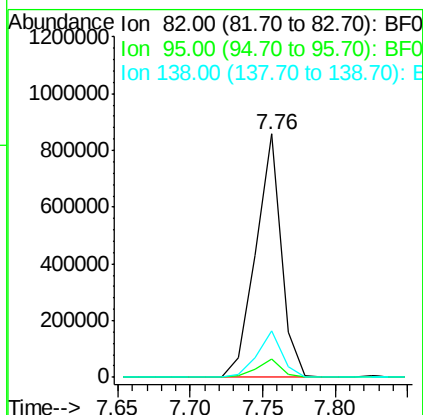
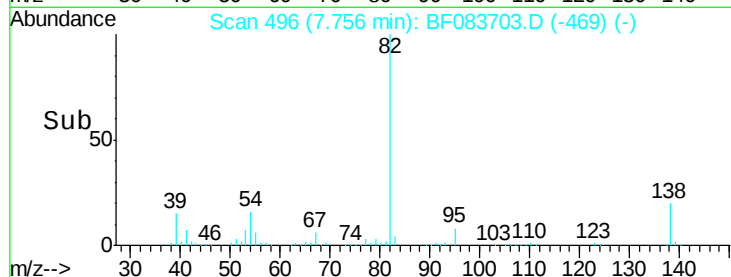
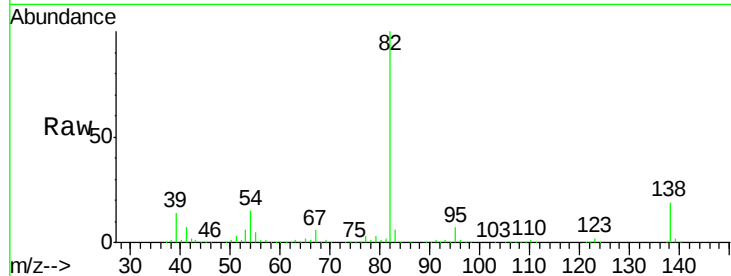
Tot Ion: 82 Resp: 1046899

Ion Ratio Lower Upper

82 100

95 7.4 5.0 7.4

138 19.1 12.1 18.1#



#26

2-Nitrophenol

Concen: 46.21 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

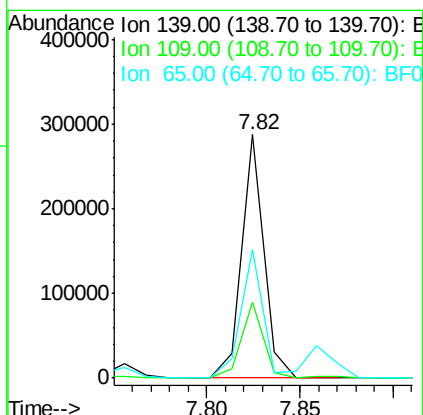
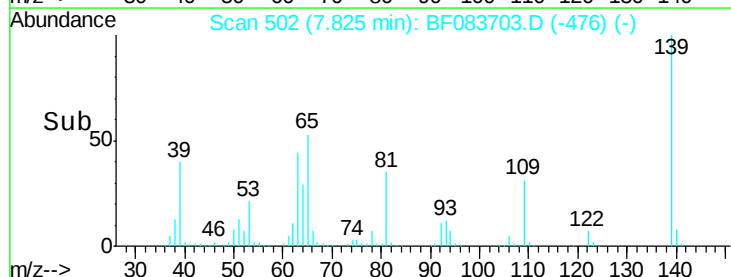
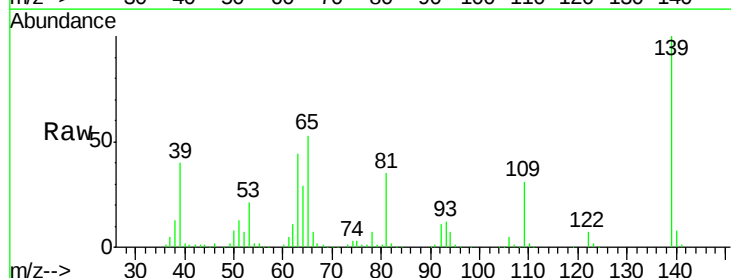
Tgt Ion: 139 Resp: 239449

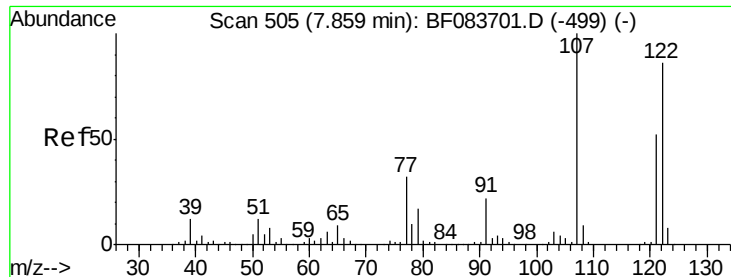
Ion Ratio Lower Upper

139 100

109 31.1 22.7 34.1

65 52.9 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 55.09 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

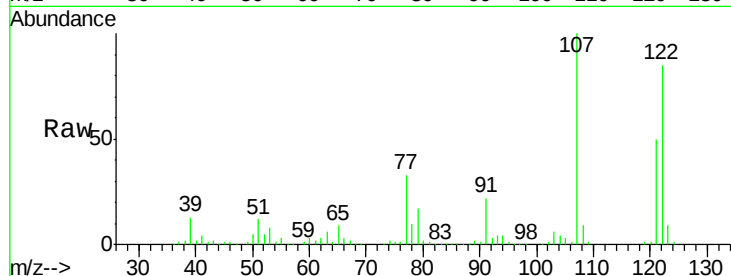
Tot Ion:122 Resp: 499337

Ion Ratio Lower Upper

122 100

107 117.2 92.4 138.6

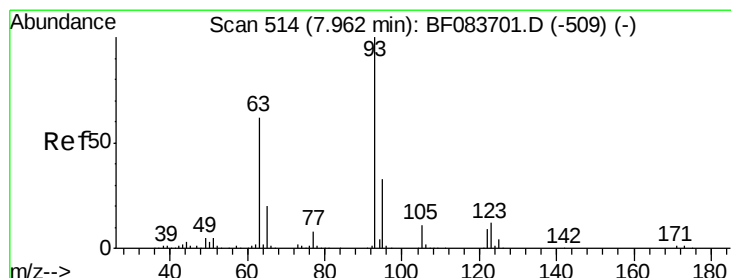
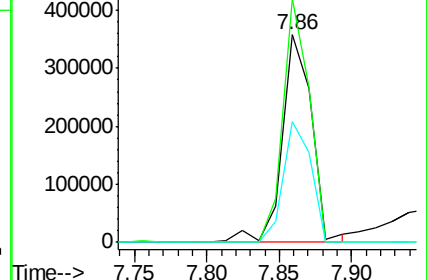
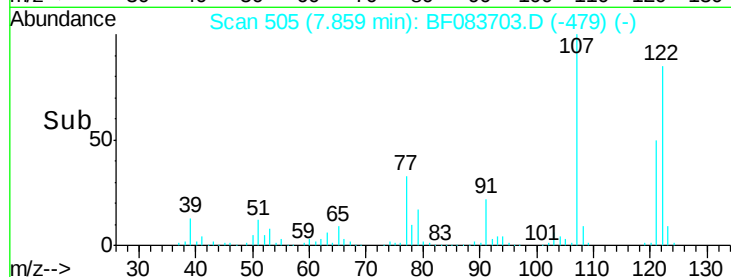
121 58.4 45.8 68.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.56 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

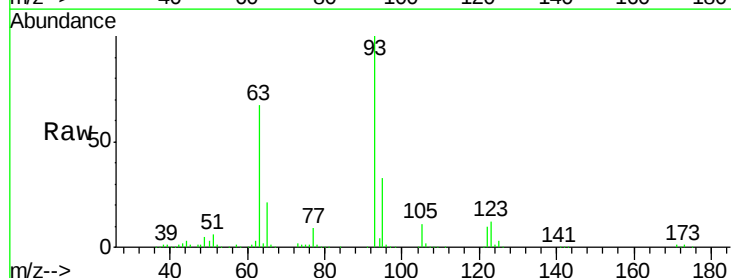
Tgt Ion: 93 Resp: 579706

Ion Ratio Lower Upper

93 100

95 33.2 25.6 38.4

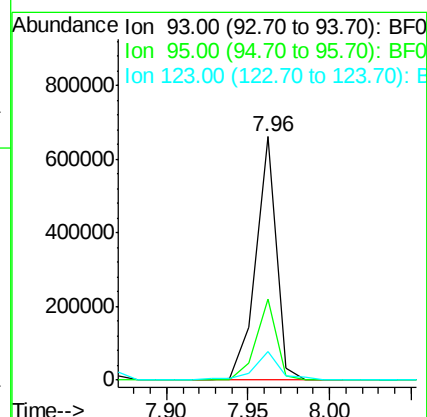
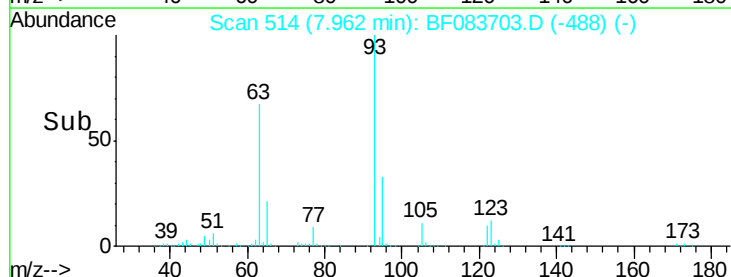
123 11.8 7.3 10.9#

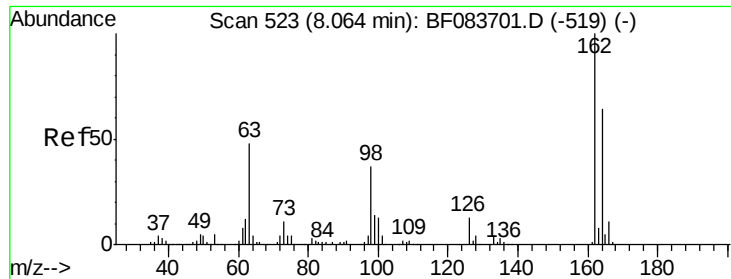


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

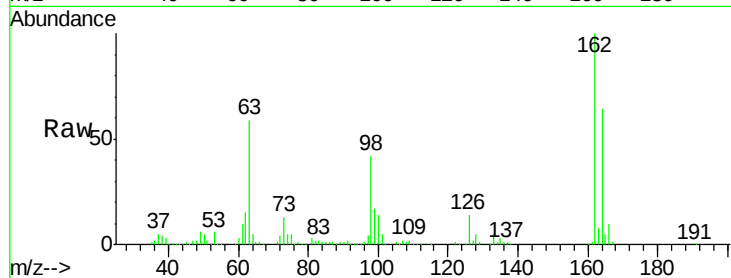




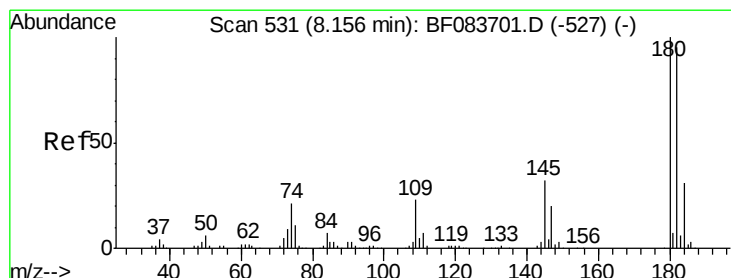
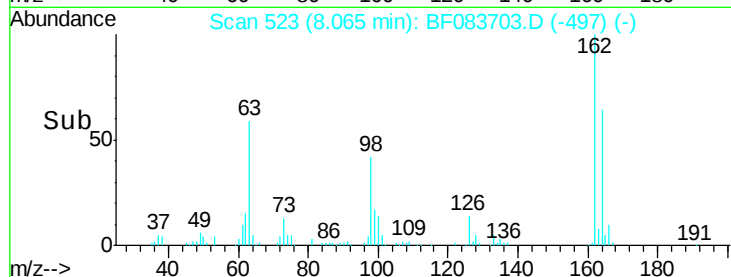
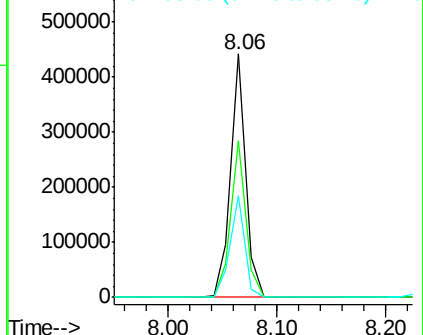
#29
2,4-Dichlorophenol
Concen: 51.46 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.4	83.4
98	41.8	17.5	57.5

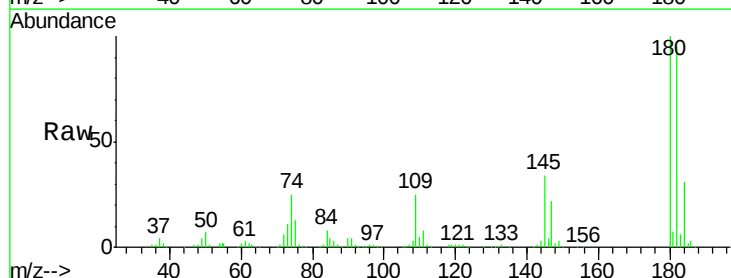


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

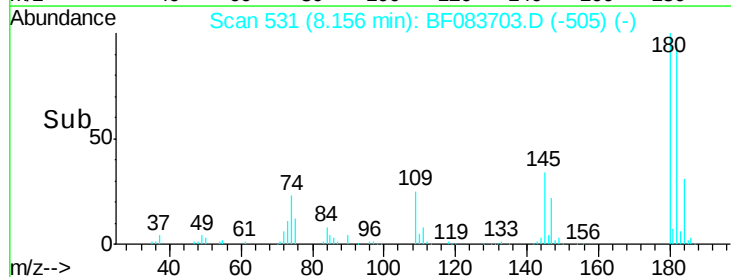
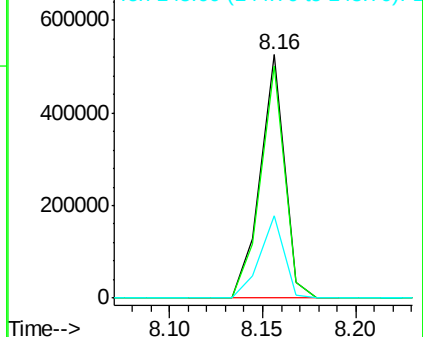


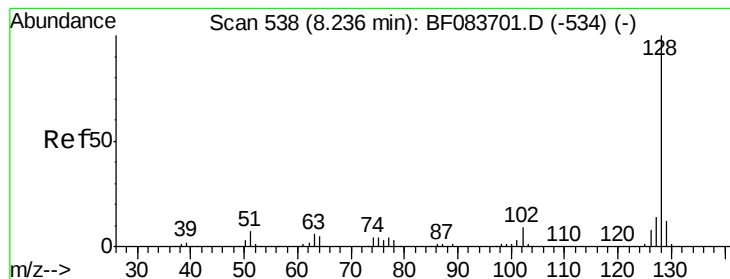
#30
1,2,4-Trichlorobenzene
Concen: 52.02 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	74.9	112.3
145	33.9	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

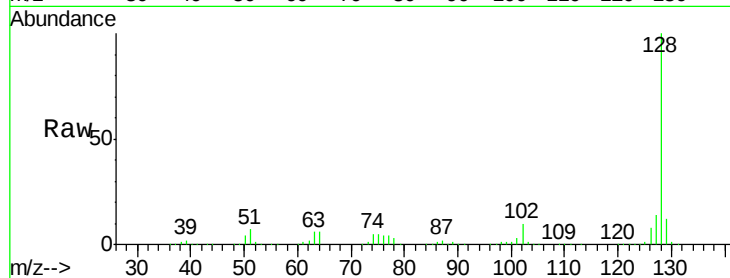




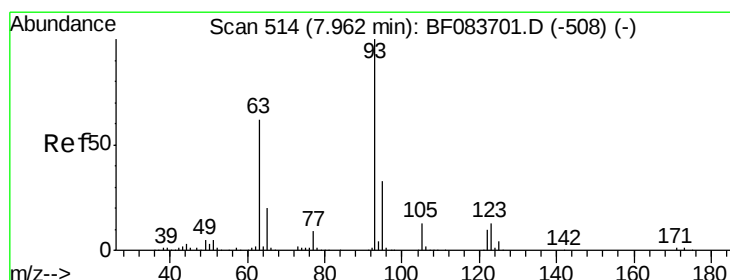
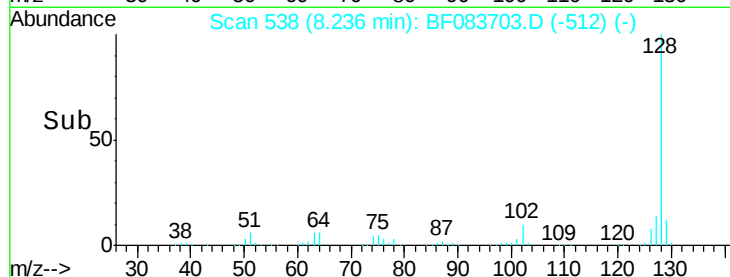
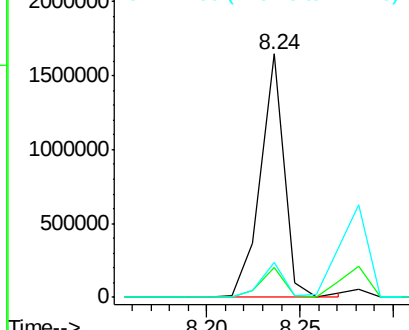
#31
Naphthalene
Concen: 50.67 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1478493
Ion Ratio Lower Upper
128 100
129 12.2 8.6 13.0
127 14.4 10.6 16.0

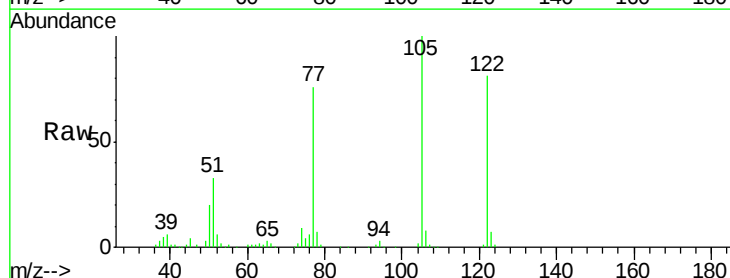


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

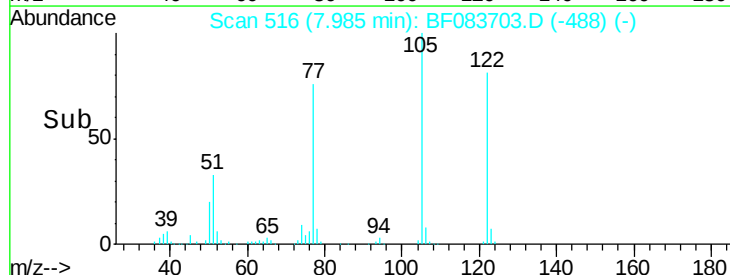
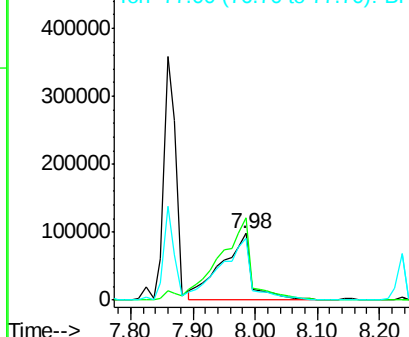


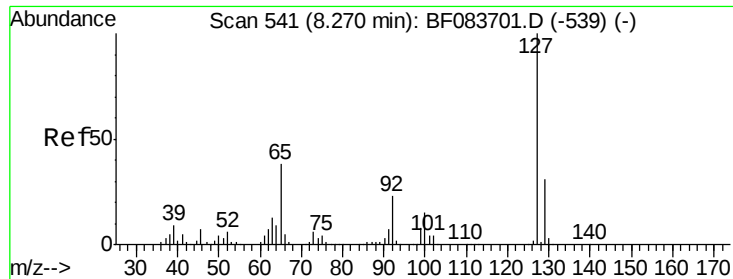
#32
Benzoic acid
Concen: 65.63 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.02 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion:122 Resp: 335039
Ion Ratio Lower Upper
122 100
105 123.5 105.6 145.6
77 93.6 86.8 126.8



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

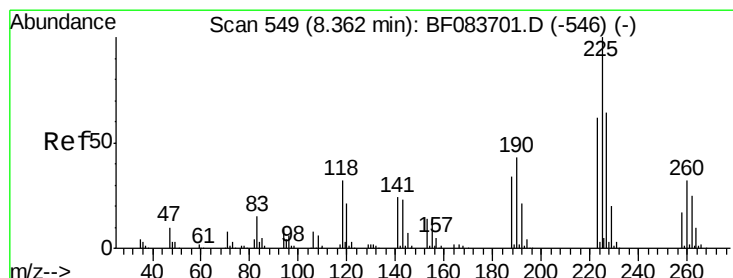
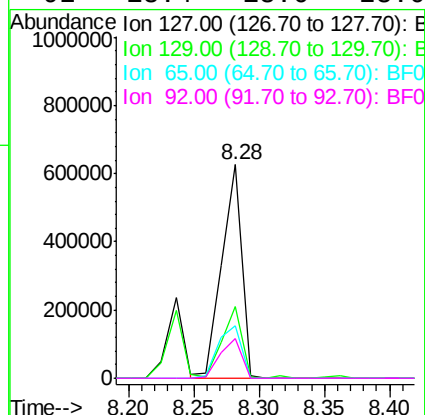
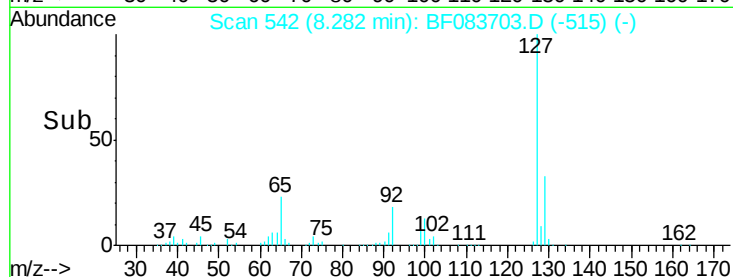
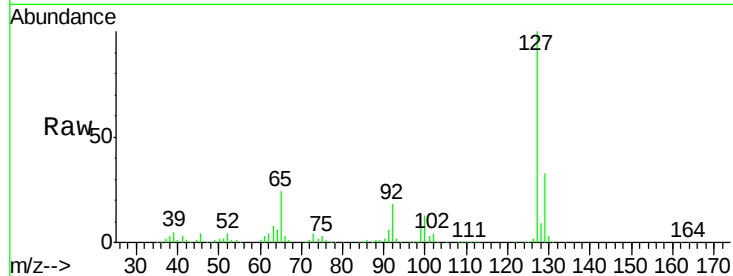




#33
4-Chloroaniline
Concen: 63.39 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

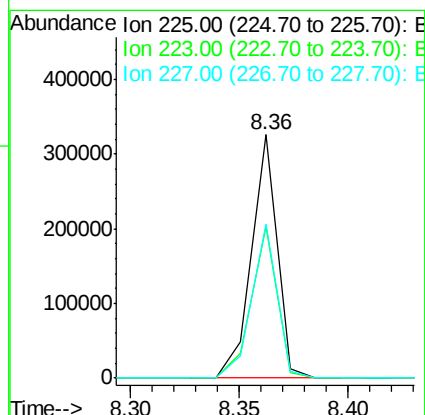
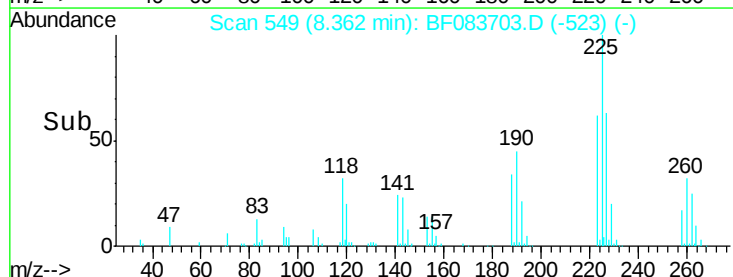
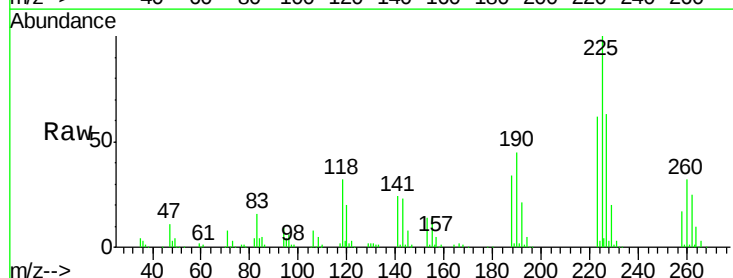
Instrument :
BNA_F
ClientSampled :

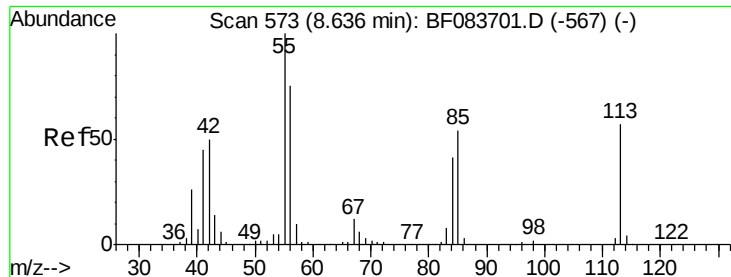
Tot Ion:	127	Resp:	674416
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.1	39.1
65	24.3	33.5	50.3#
92	18.4	18.6	28.0#



#34
Hexachlorobutadiene
Concen: 50.02 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion:	225	Resp:	266083
Ion	Ratio	Lower	Upper
225	100		
223	62.1	52.3	78.5
227	63.4	50.4	75.6





#35

Caprolactam

Concen: 57.97 ng

RT: 8.65 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

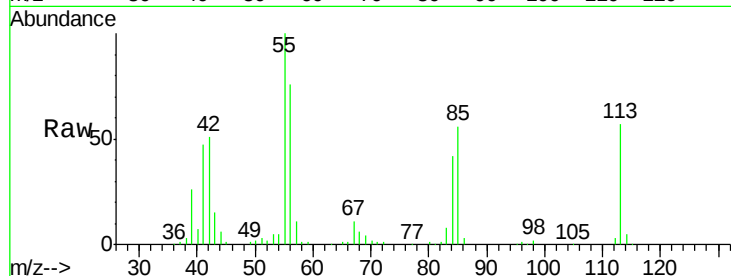
Tot Ion:113 Resp: 143434

Ion Ratio Lower Upper

113 100

55 176.5 189.7 229.7#

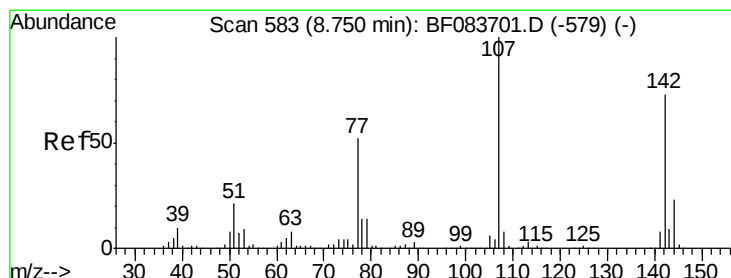
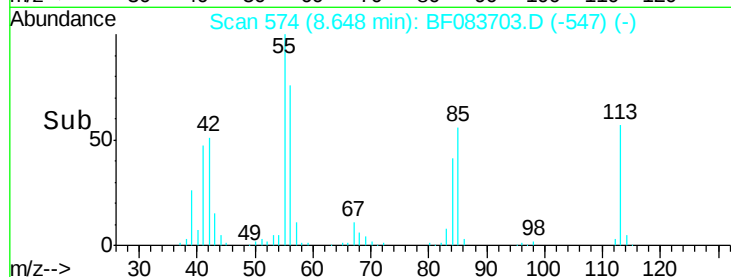
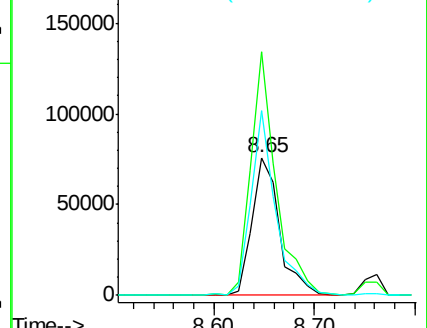
56 134.3 130.7 170.7



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: 55.52 ng

RT: 8.76 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

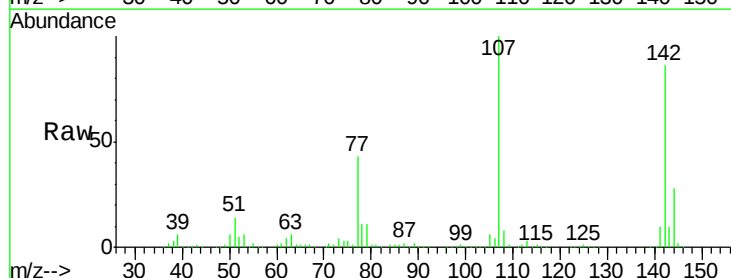
Tgt Ion:107 Resp: 514143

Ion Ratio Lower Upper

107 100

144 28.5 17.5 26.3#

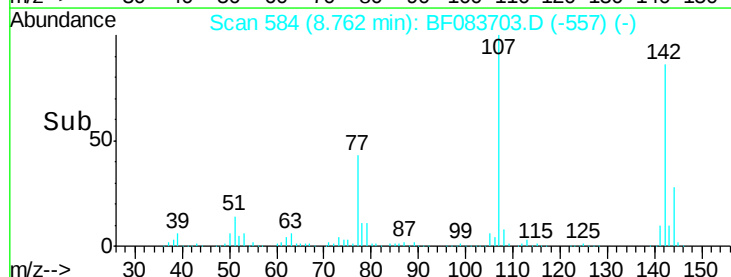
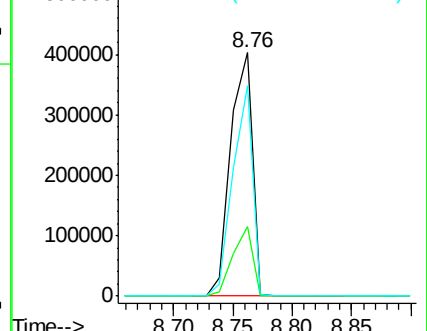
142 86.5 53.6 80.4#

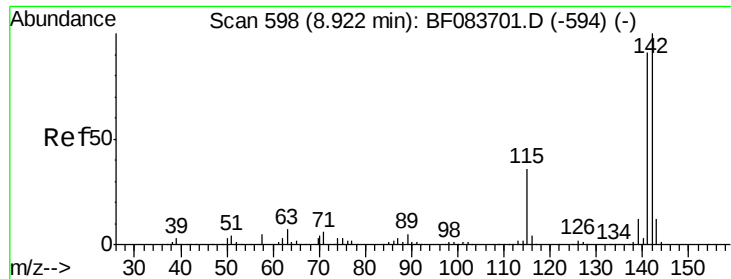


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

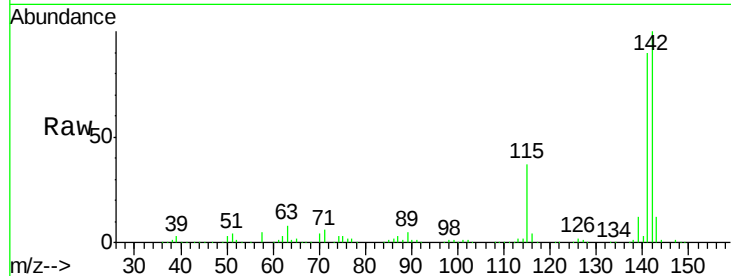




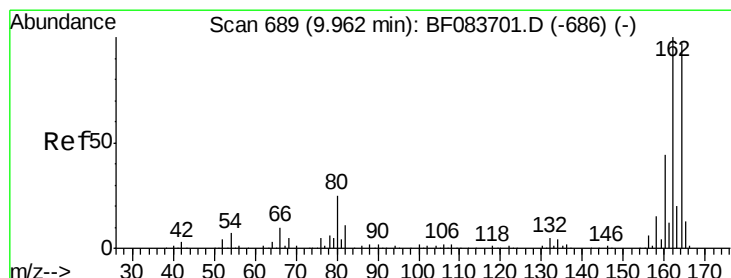
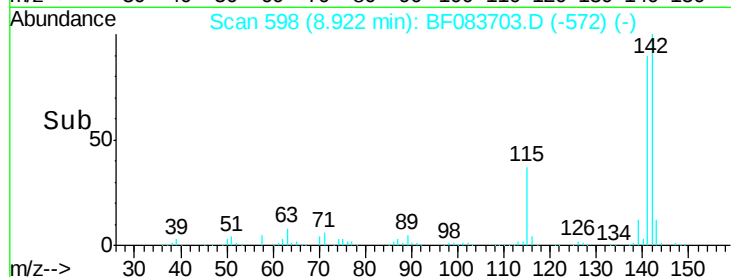
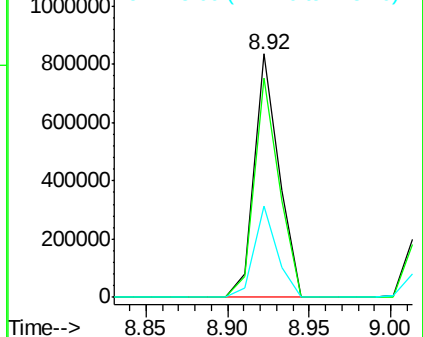
#37
2-Methylnaphthalene
Concen: 48.12 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 881915
Ion Ratio Lower Upper
142 100
141 89.9 70.3 105.5
115 37.5 29.2 43.8

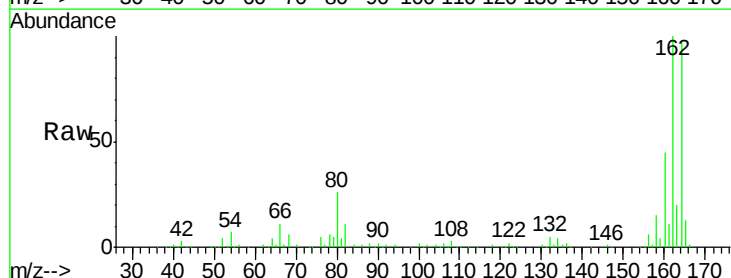


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

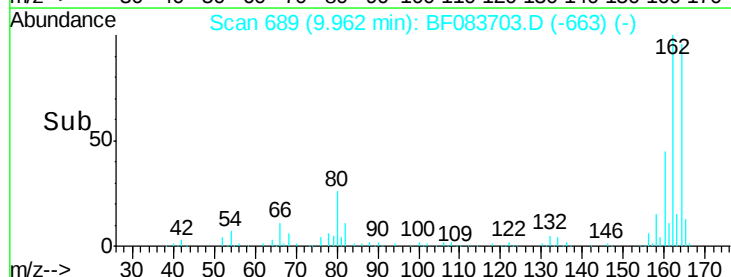
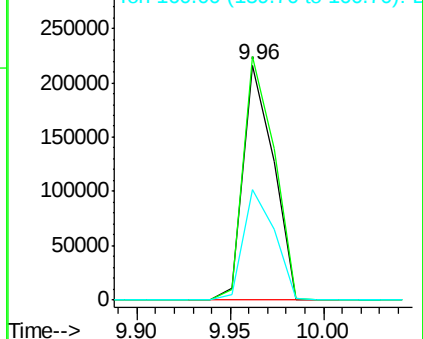


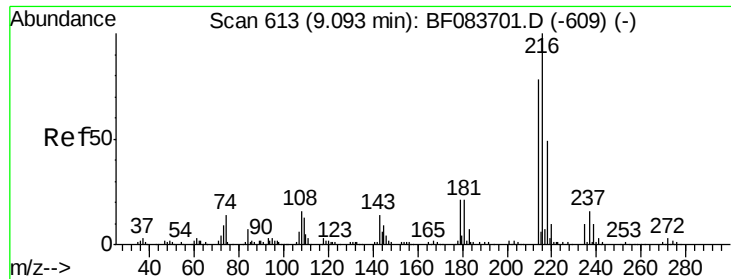
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion:164 Resp: 244018
Ion Ratio Lower Upper
164 100
162 103.5 78.8 118.2
160 46.8 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: 53.25 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF083703.D

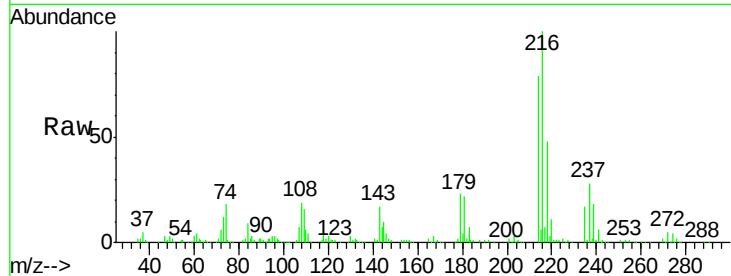
Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	426592
Ion	Ratio	Lower	Upper
216	100		
214	78.7	0.0	0.0#
179	23.0	0.0	0.0#
108	21.5	0.0	0.0#

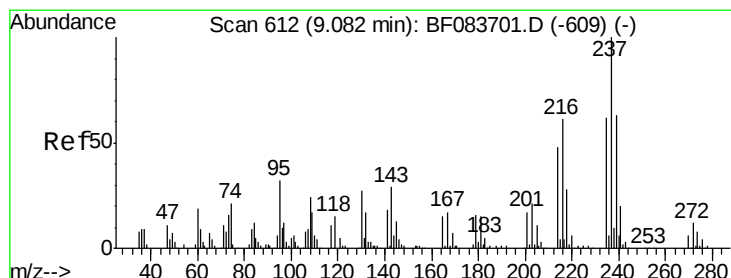
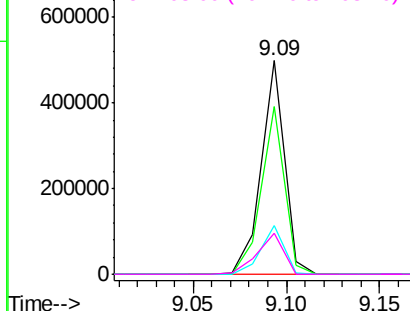
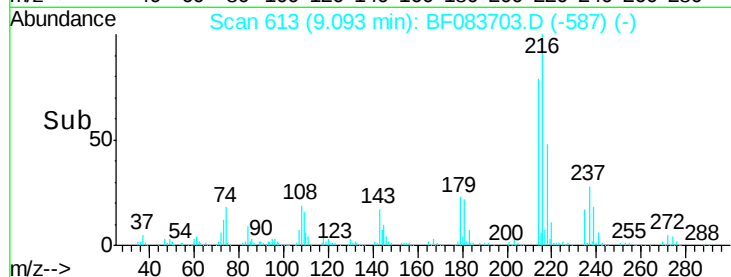


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 204.26 ng

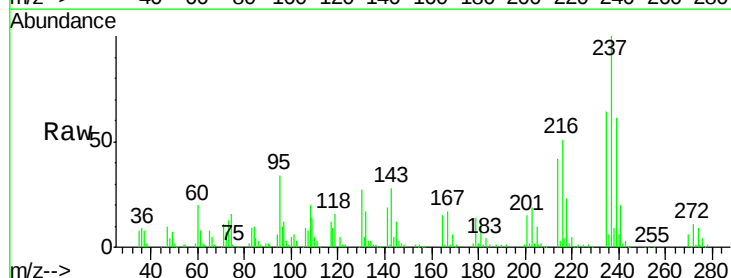
RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

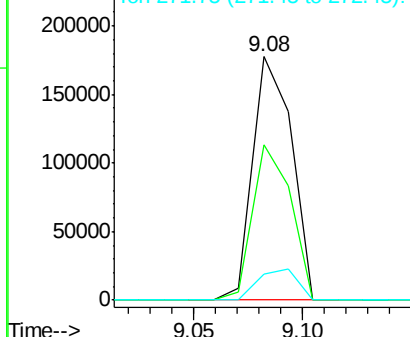
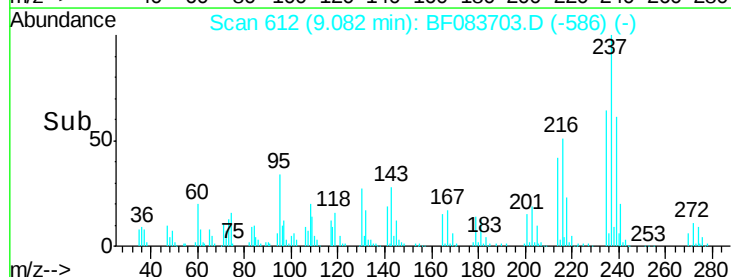
Tgt Ion:	237	Resp:	221777
Ion	Ratio	Lower	Upper
237	100		
235	63.7	43.9	83.9
272	10.7	0.0	31.8

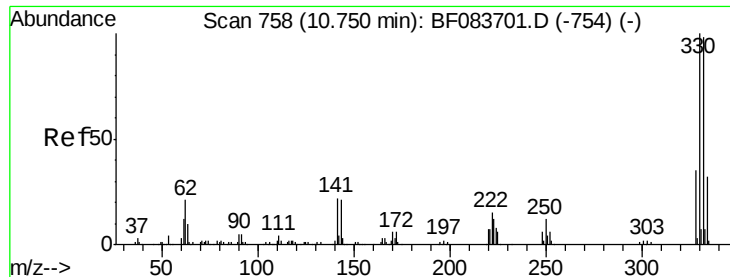


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

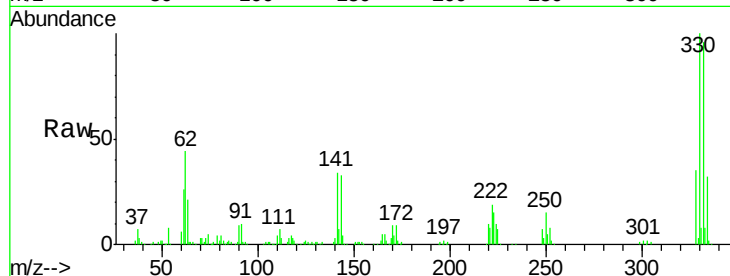




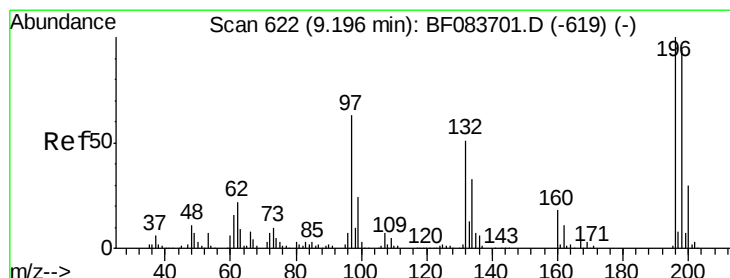
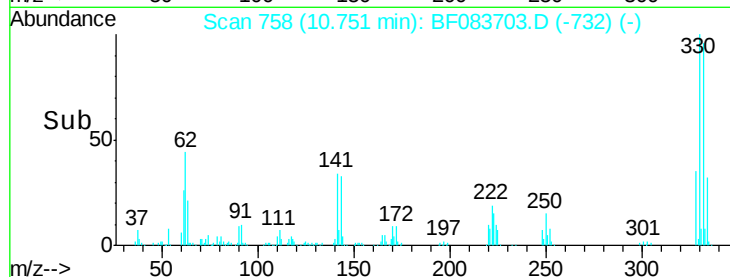
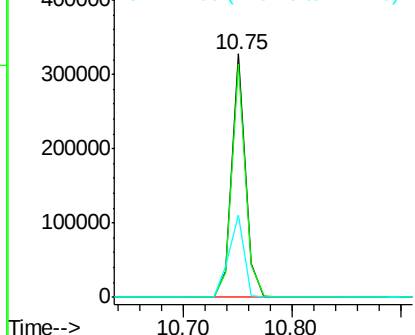
#41
 2,4,6-Tribromophenol
 Concen: 129.62 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	38.2	0.0	0.0#

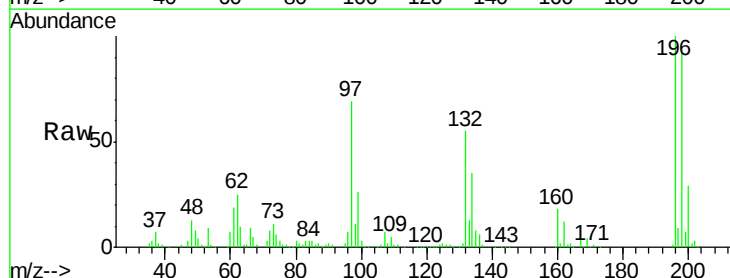


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

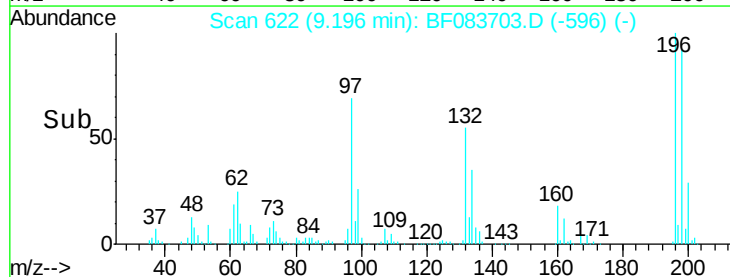
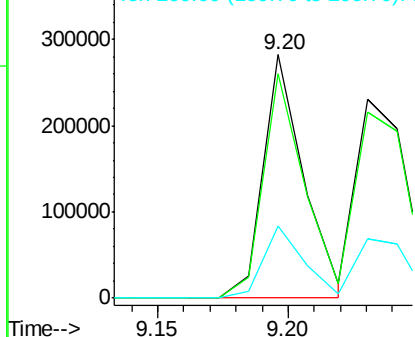


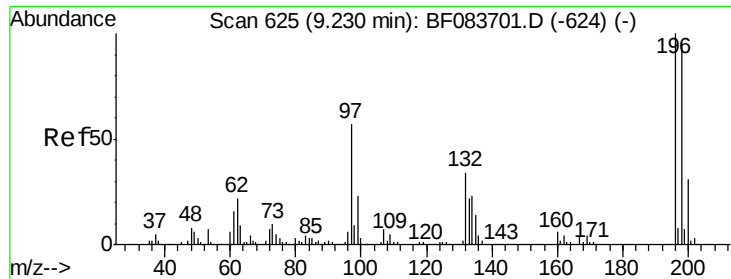
#42
 2,4,6-Trichlorophenol
 Concen: 63.84 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	75.2	112.8
200	29.4	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

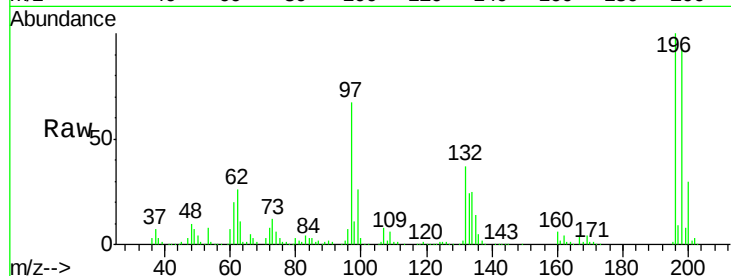




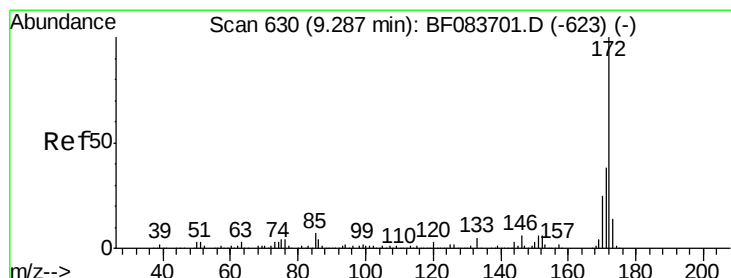
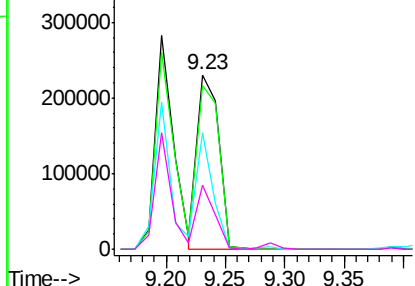
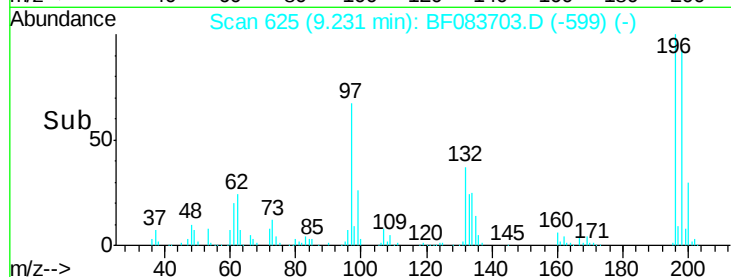
#43
 2,4,5-Trichlorophenol
 Concen: 63.24 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 298423
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.7 116.5
 97 66.6 41.2 61.8#
 132 36.5 21.8 32.8#

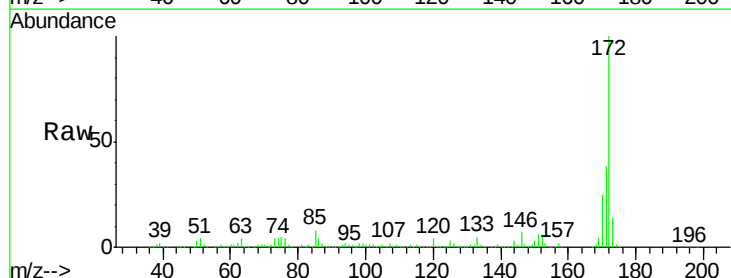


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

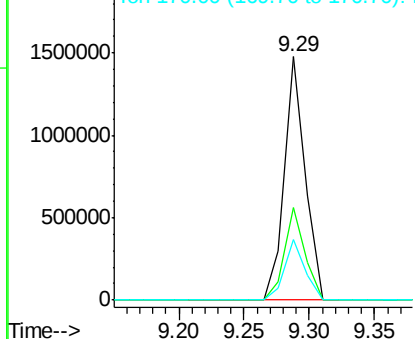
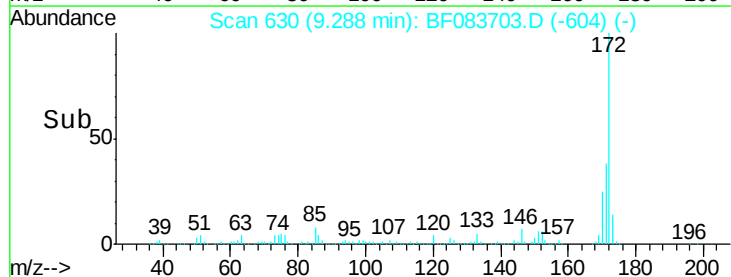


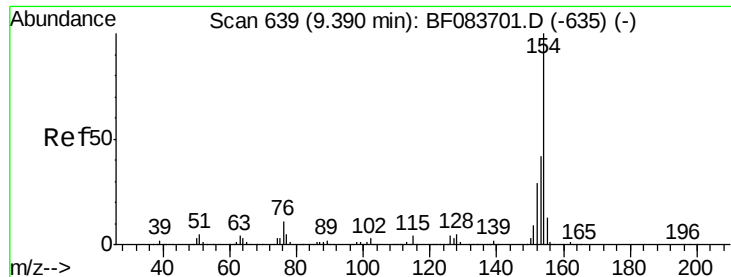
#44
 2-Fluorobiphenyl
 Concen: 95.39 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion:172 Resp: 1653910
 Ion Ratio Lower Upper
 172 100
 171 37.8 28.6 42.8
 170 25.0 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

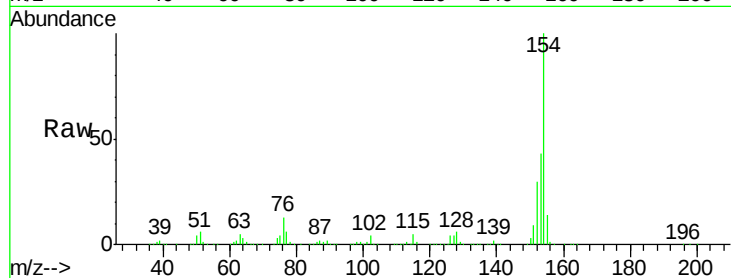




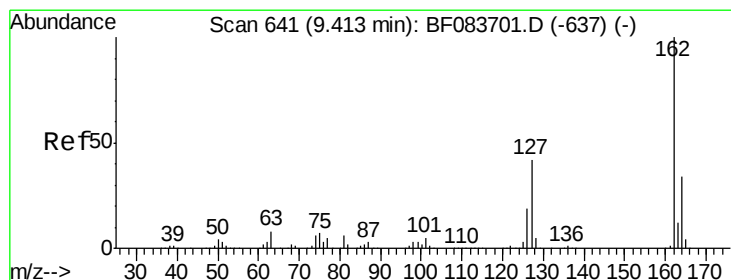
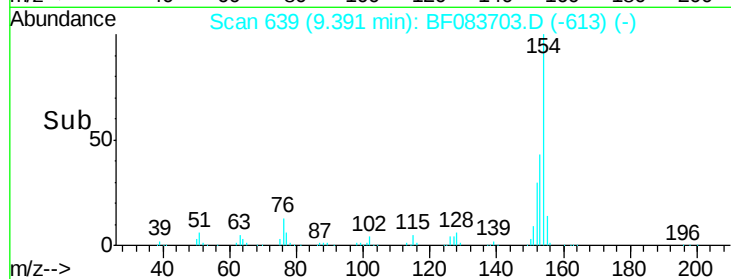
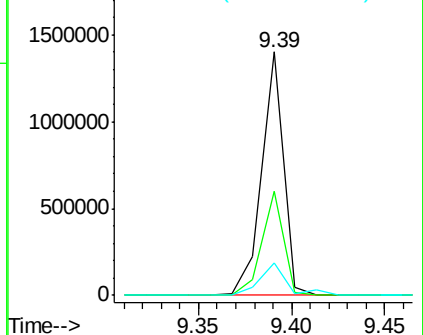
#45
 1,1'-Biphenyl
 Concen: 54.26 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1150805
 Ion Ratio Lower Upper
 154 100
 153 42.9 20.2 60.2
 76 13.5 0.0 34.8

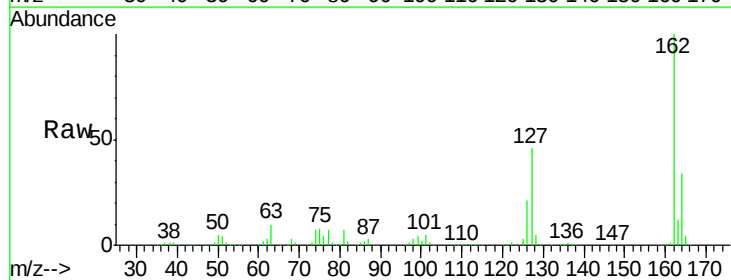


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

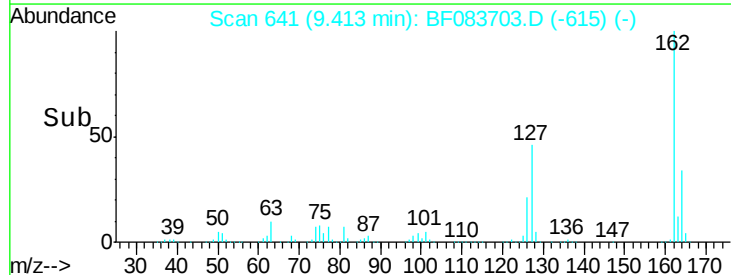
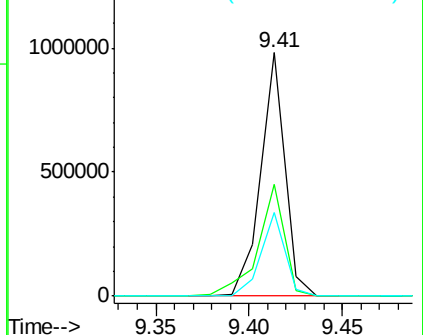


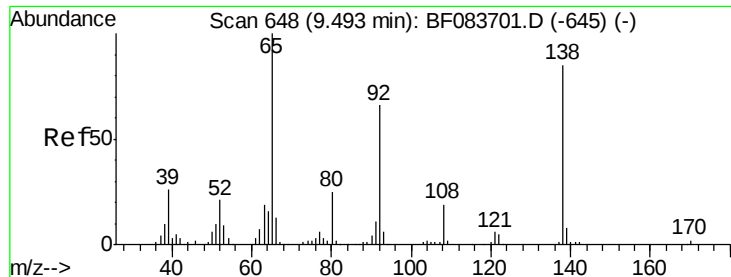
#46
 2-Chloronaphthalene
 Concen: 54.45 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion:162 Resp: 871909
 Ion Ratio Lower Upper
 162 100
 127 45.7 31.0 46.4
 164 34.2 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: 48.86 ng

RT: 9.50 min Scan# 649

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

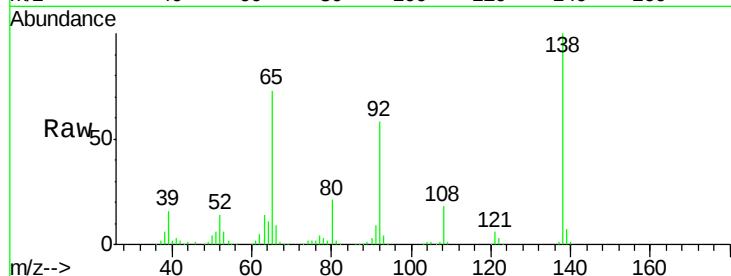
Tot Ion: 65 Resp: 282199

Ion Ratio Lower Upper

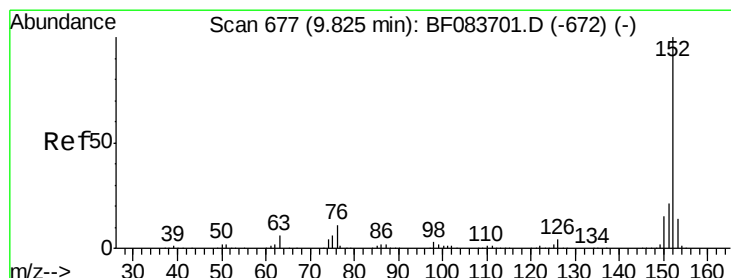
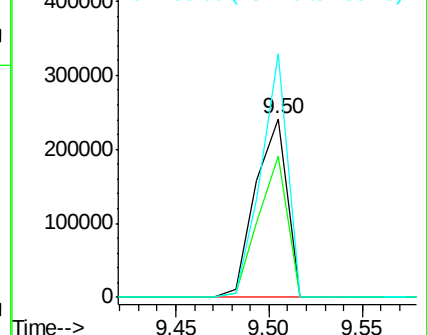
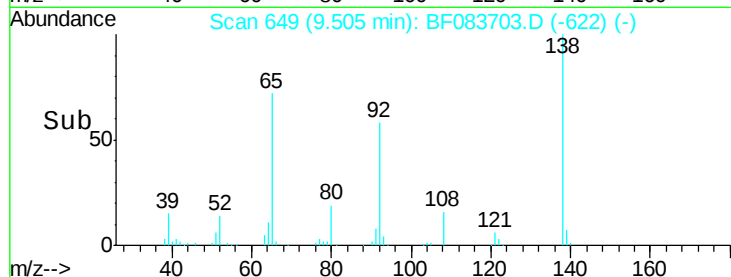
65 100

92 79.1 49.6 74.4#

138 136.3 64.1 96.1#



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



#48

Acenaphthylene

Concen: 52.80 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

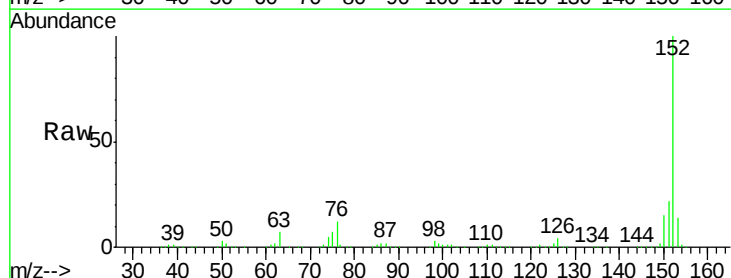
Tgt Ion: 152 Resp: 1394038

Ion Ratio Lower Upper

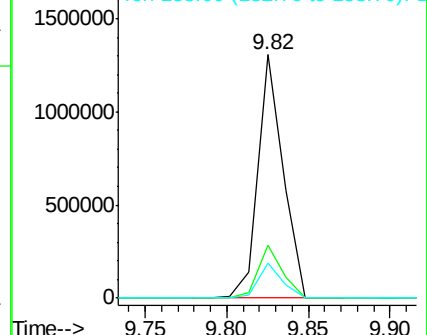
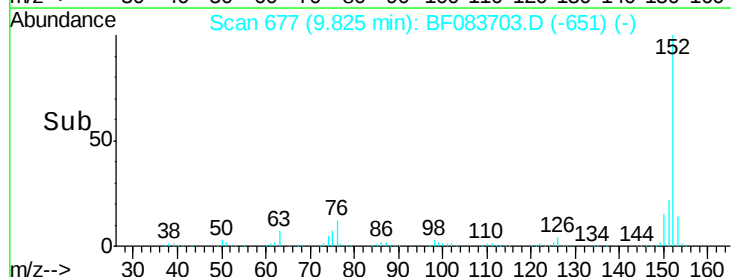
152 100

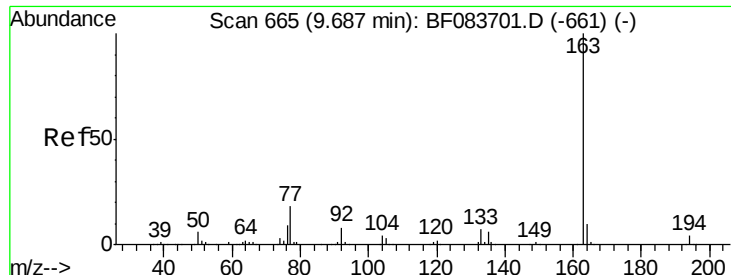
151 21.5 16.3 24.5

153 14.4 10.8 16.2



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





#49

Dimethylphthalate

Concen: 49.45 ng

RT: 9.69 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

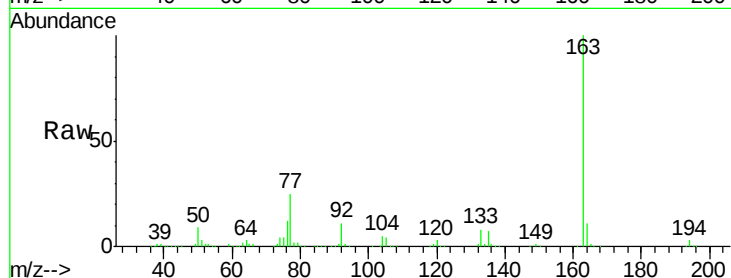
Tot Ion:163 Resp: 960444

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

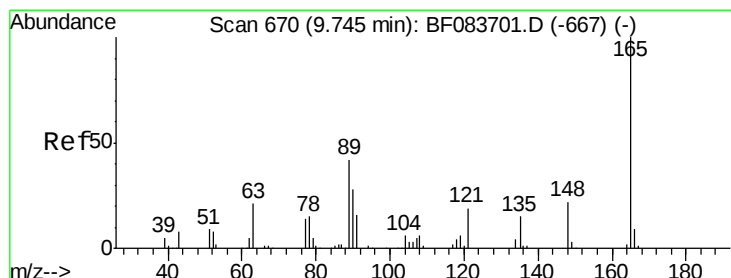
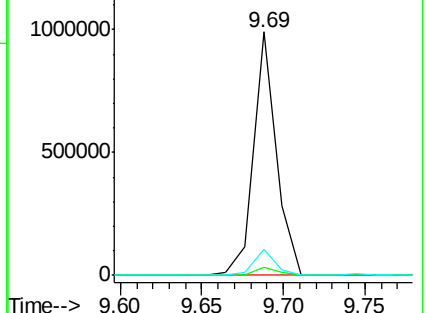
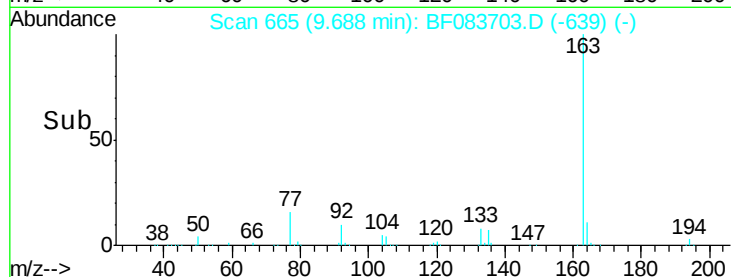
164 10.8 8.6 13.0



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: 57.41 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

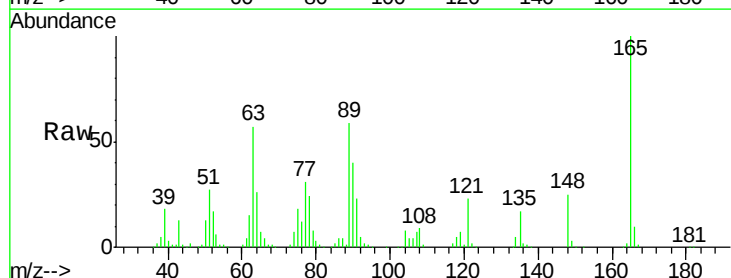
Tgt Ion:165 Resp: 230220

Ion Ratio Lower Upper

165 100

63 57.2 56.9 85.3

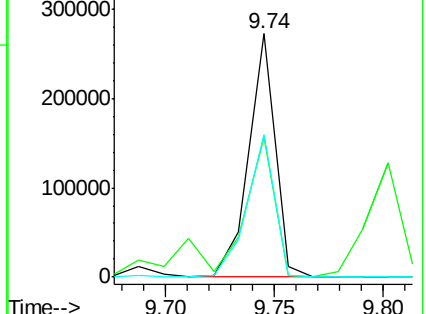
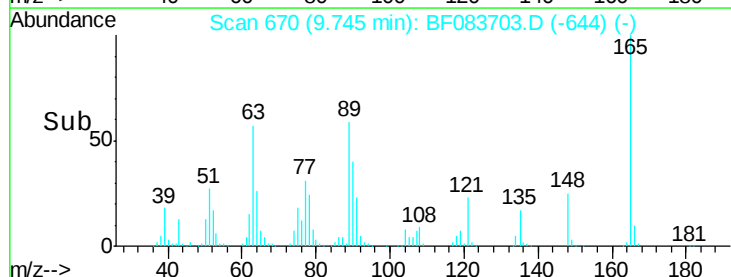
89 58.8 52.1 78.1

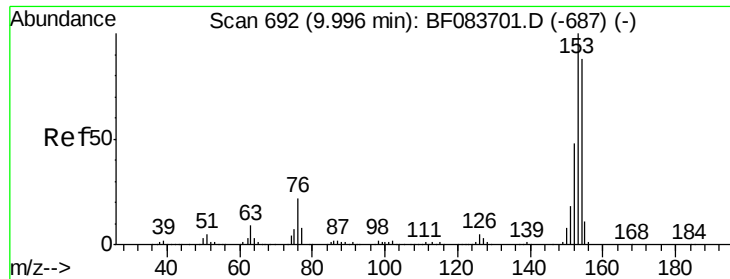


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 55.96 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

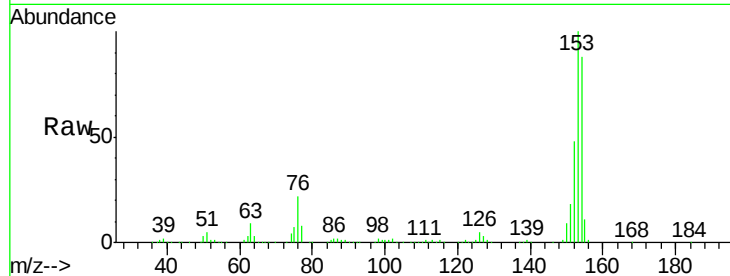
Tot Ion:154 Resp: 845938

Ion Ratio Lower Upper

154 100

153 113.5 91.4 137.0

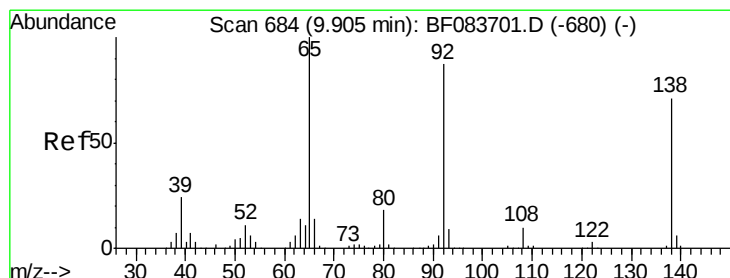
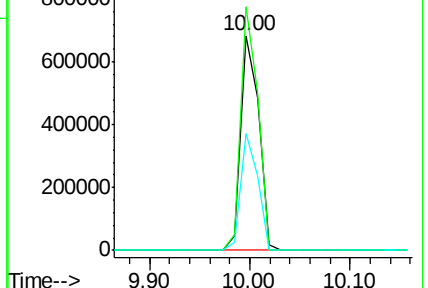
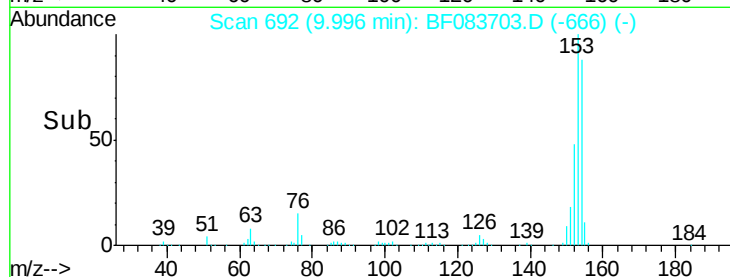
152 54.5 43.4 65.2



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: 68.69 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

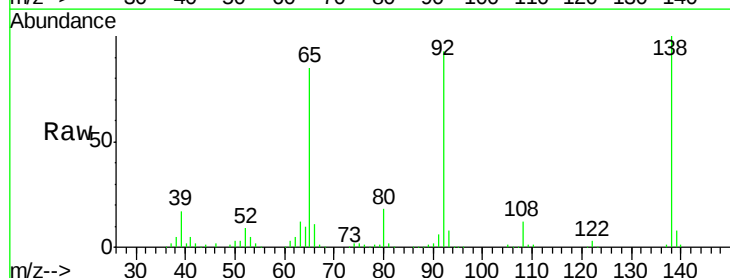
Tgt Ion:138 Resp: 292785

Ion Ratio Lower Upper

138 100

108 11.5 9.9 14.9

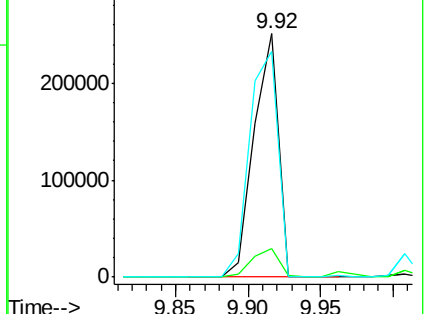
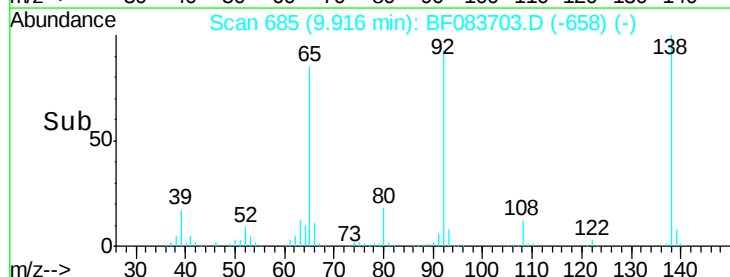
92 92.8 113.8 170.8#

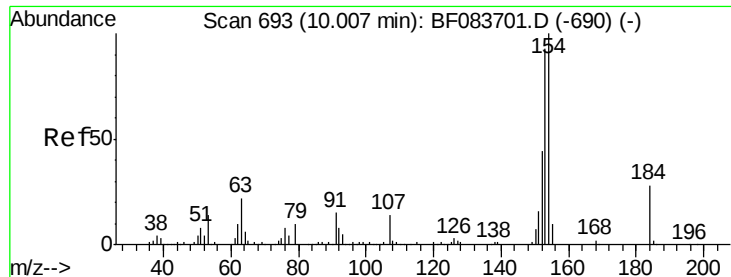


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

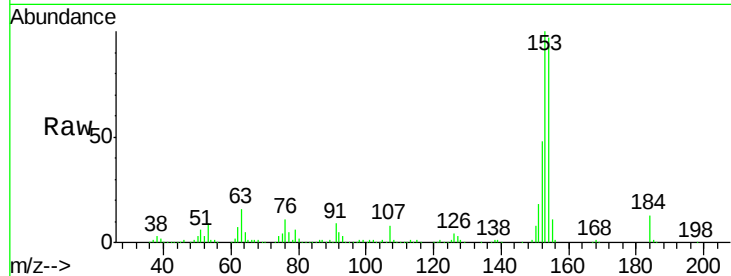




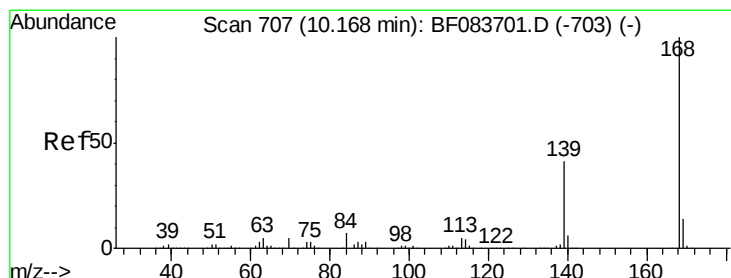
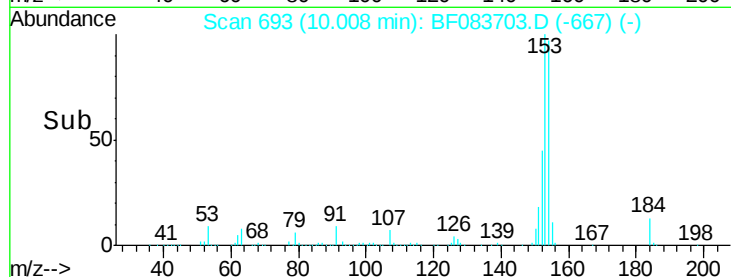
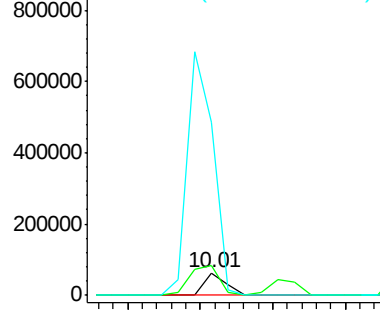
#53
2,4-Dinitrophenol
Concen: 39.68 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 67830
Ion Ratio Lower Upper
184 100
63 129.3 62.4 93.6#
154 764.5 46.6 69.8#

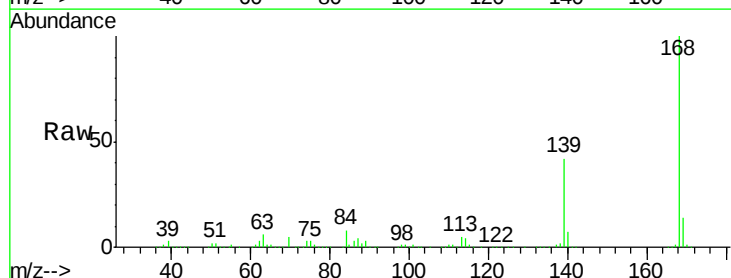


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

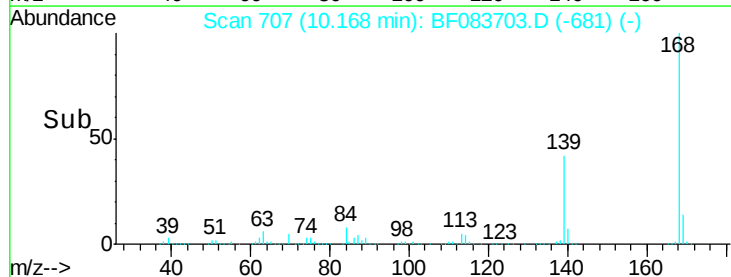
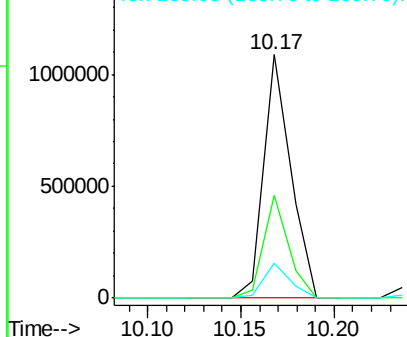


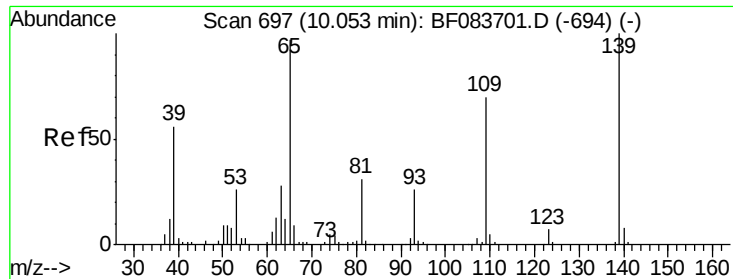
#54
Dibenzofuran
Concen: 51.77 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion:168 Resp: 1085268
Ion Ratio Lower Upper
168 100
139 42.4 28.0 42.0#
169 14.4 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

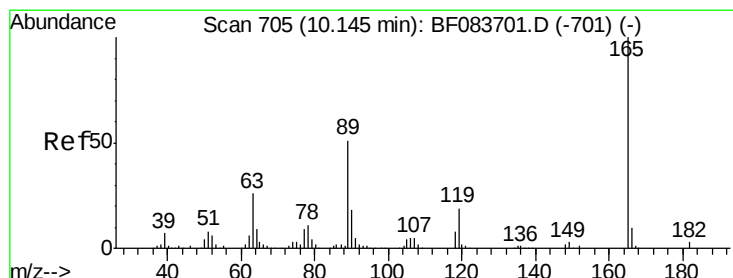
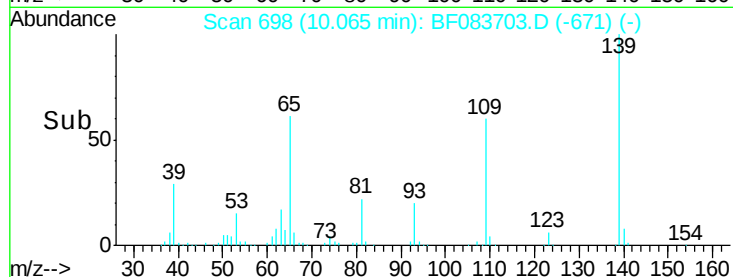
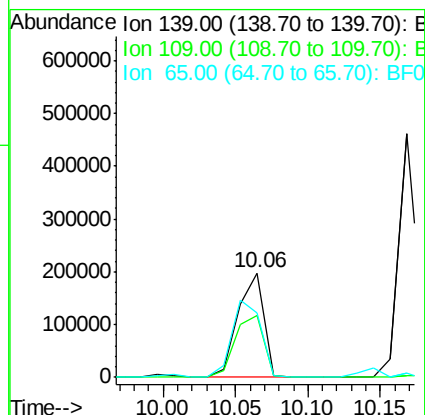
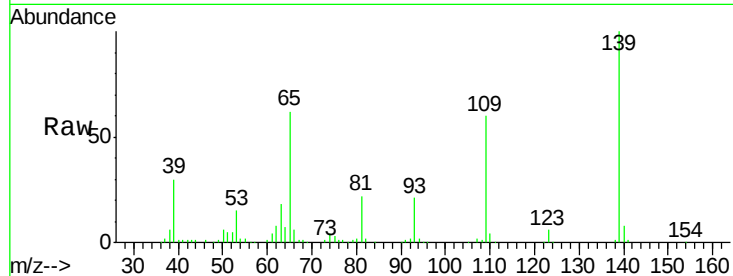




#55
4-Nitrophenol
Concen: 130.32 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

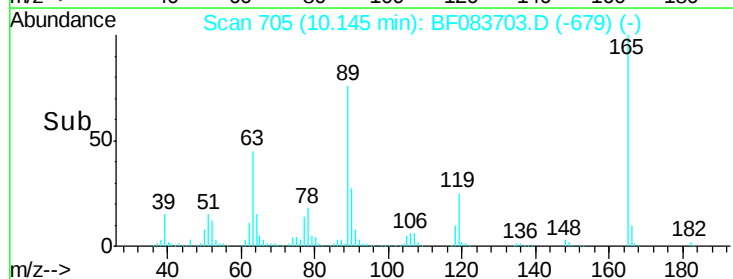
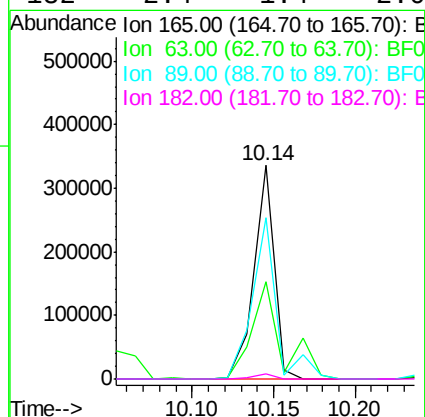
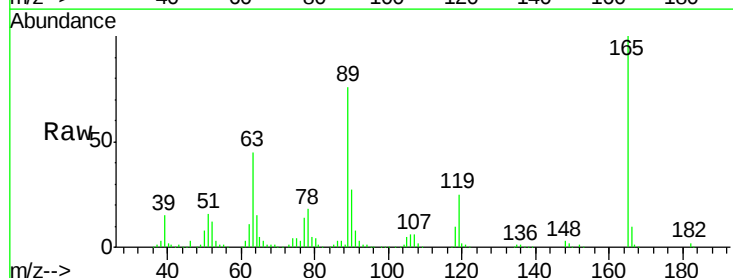
Instrument :
BNA_F
ClientSampleId :

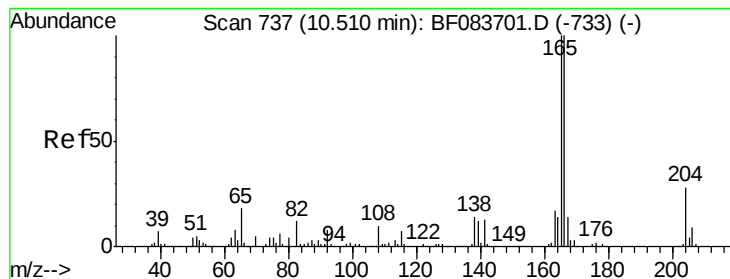
Tot Ion:139 Resp: 244560
Ion Ratio Lower Upper
139 100
109 59.7 42.0 82.0
65 61.8 89.2 129.2#



#56
2,4-Dinitrotoluene
Concen: 54.62 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion:165 Resp: 290490
Ion Ratio Lower Upper
165 100
63 45.3 51.4 77.2#
89 75.8 72.6 108.8
182 2.4 1.4 2.0#





#57

Fluorene

Concen: 44.37 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampled :

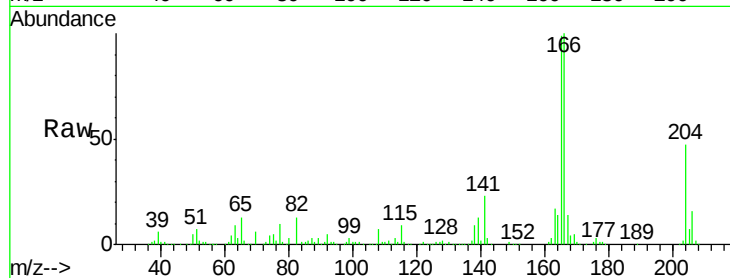
Tot Ion:166 Resp: 811832

Ion Ratio Lower Upper

166 100

165 99.1 80.0 120.0

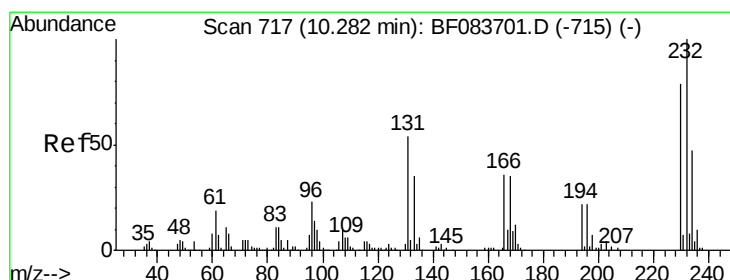
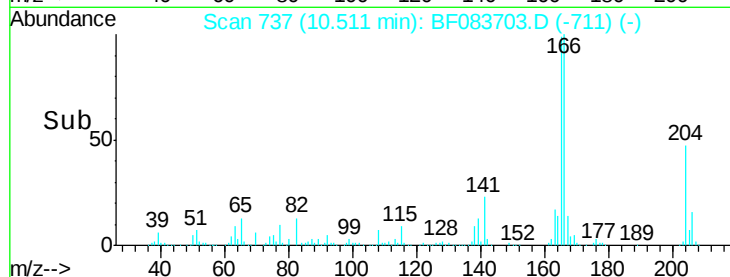
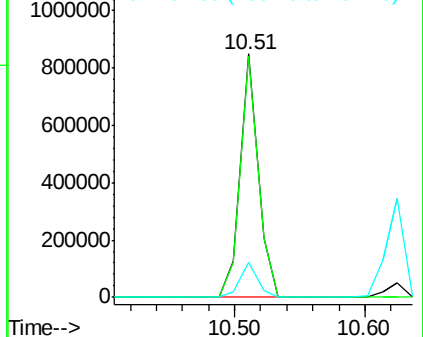
167 14.3 10.6 16.0



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: 62.08 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Tgt Ion:232 Resp: 216912

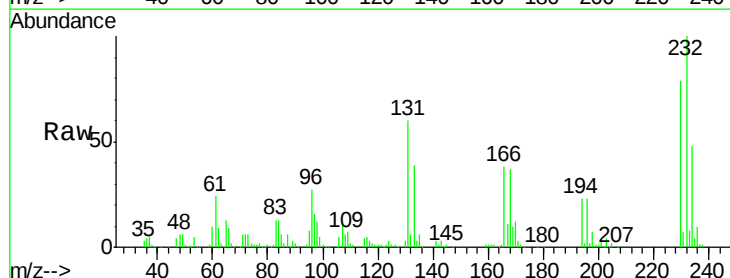
Ion Ratio Lower Upper

232 100

131 52.5 0.0 0.0#

130 2.6 0.0 0.0#

166 33.8 0.0 0.0#

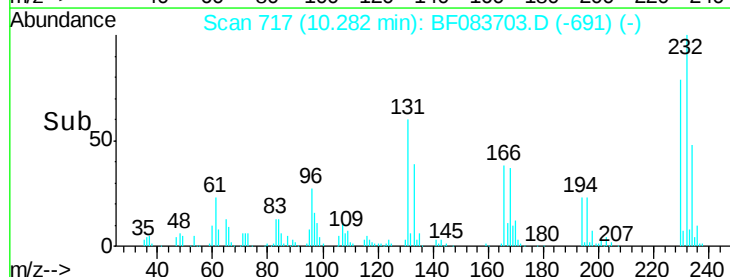
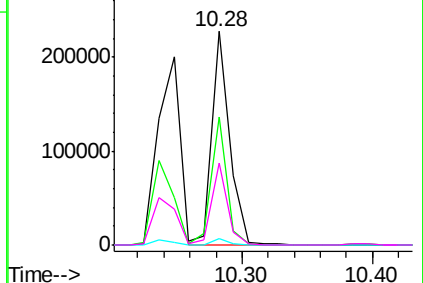


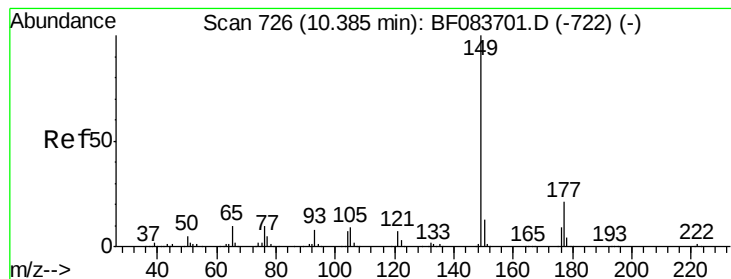
Abundance Ion 232.00 (231.70 to 232.70): E

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: 53.19 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

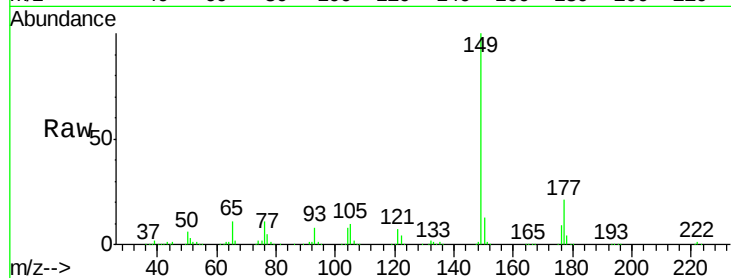
Tot Ion:149 Resp: 1004474

Ion Ratio Lower Upper

149 100

177 21.0 16.9 25.3

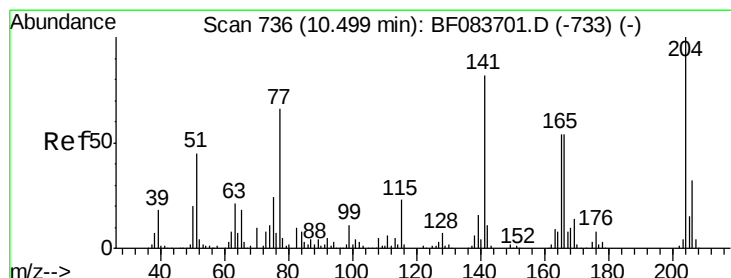
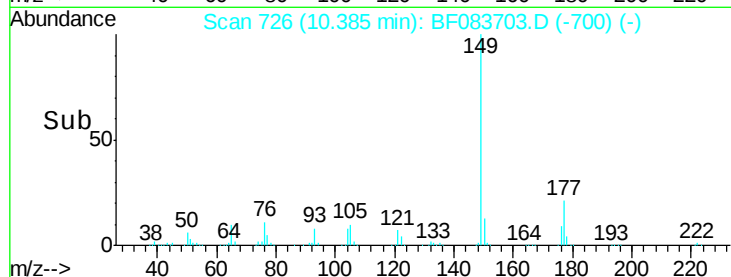
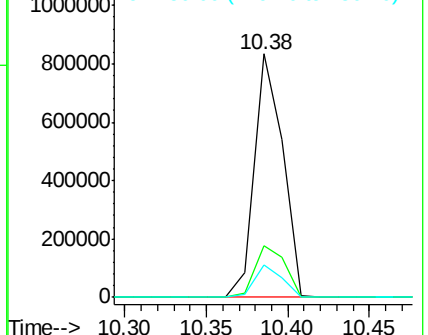
150 13.4 10.2 15.4



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: 51.67 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

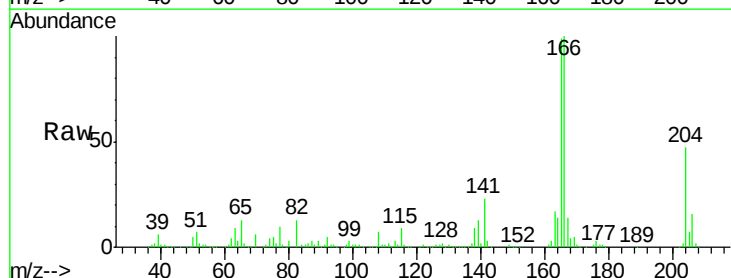
Tgt Ion:204 Resp: 450020

Ion Ratio Lower Upper

204 100

206 33.9 27.3 40.9

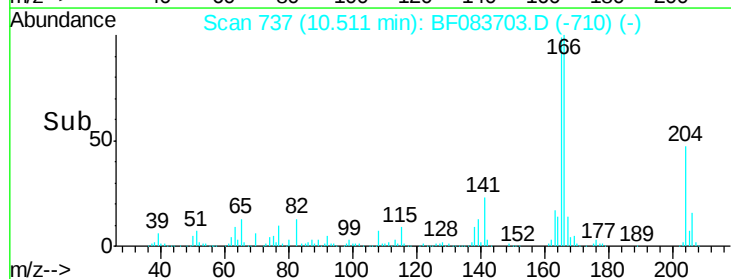
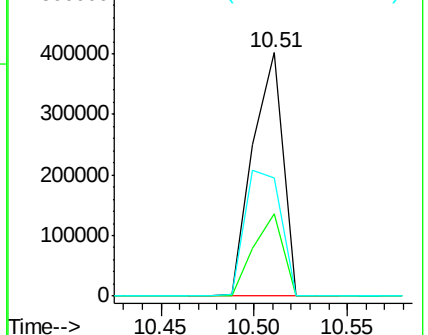
141 48.6 51.9 77.9#

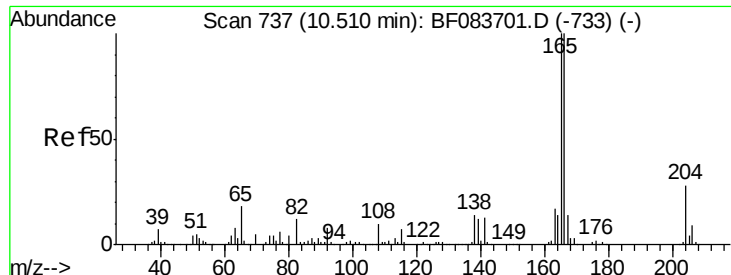


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

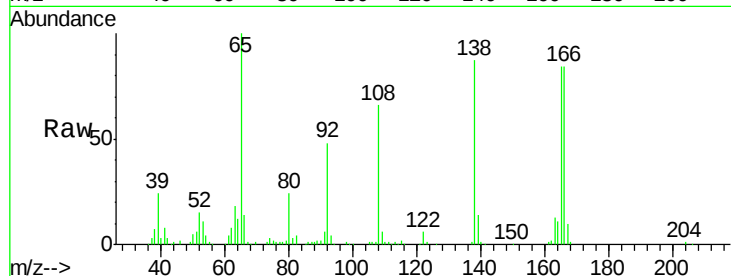




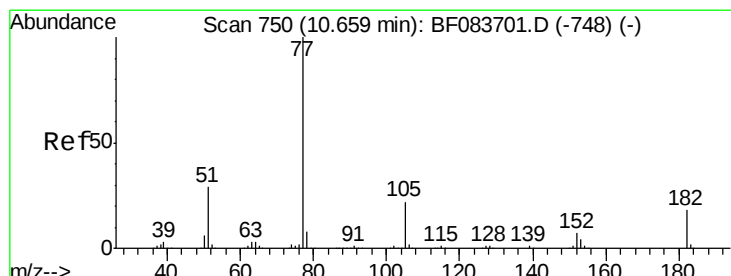
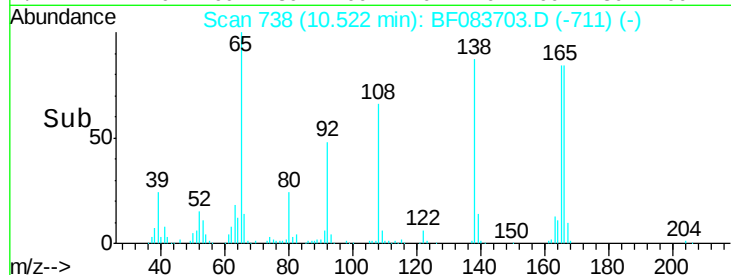
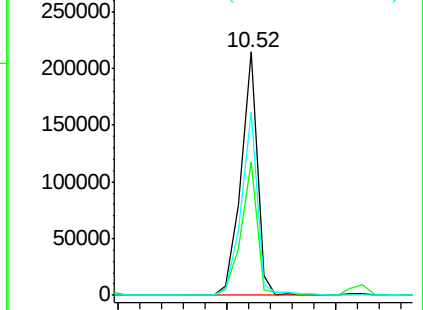
#61
4-Nitroaniline
Concen: 57.13 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 221213
Ion Ratio Lower Upper
138 100
92 54.6 29.0 69.0
108 75.5 47.4 87.4

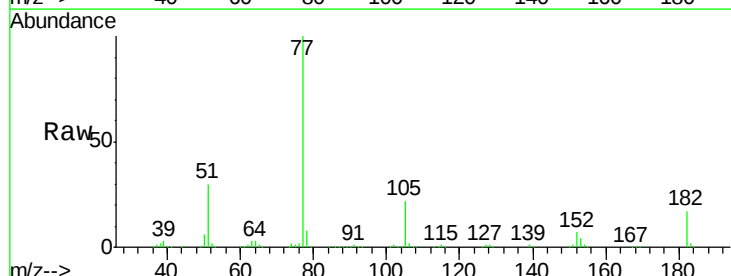


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

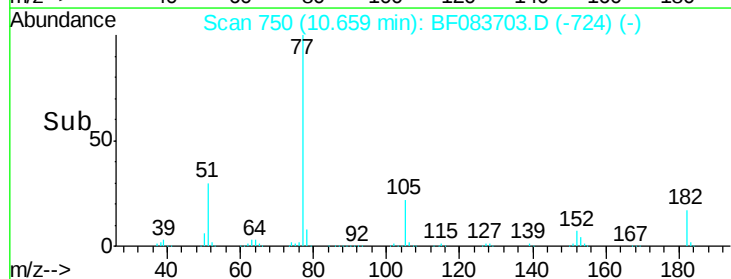
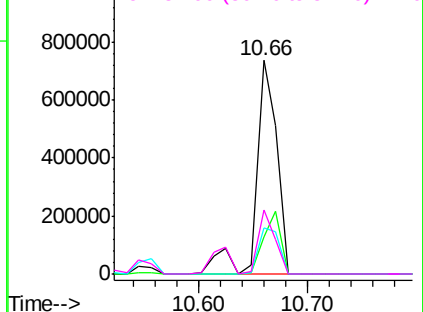


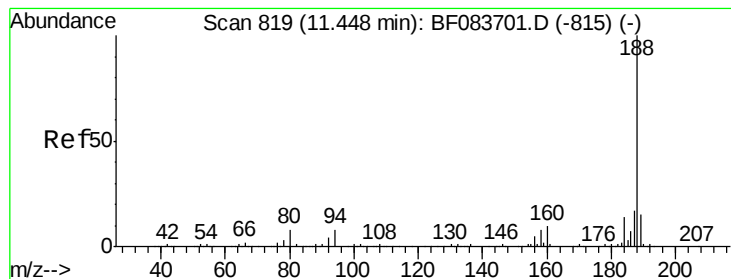
#62
Azobenzene
Concen: 47.48 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion: 77 Resp: 986961
Ion Ratio Lower Upper
77 100
182 17.1 2.5 42.5
105 21.9 2.1 42.1
51 30.1 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: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampled :

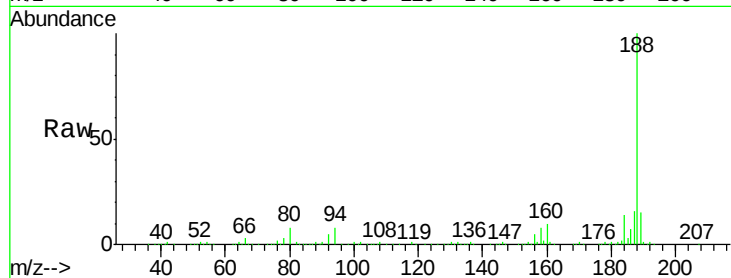
Tot Ion:188 Resp: 473028

Ion Ratio Lower Upper

188 100

94 8.1 9.4 14.2#

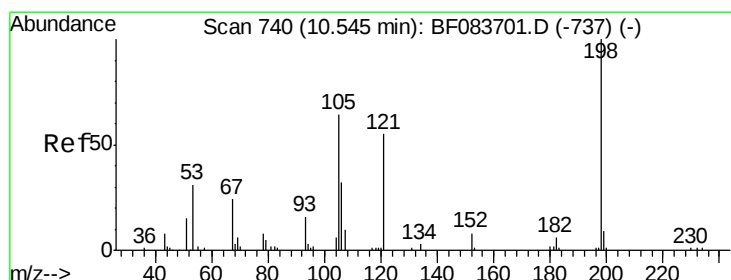
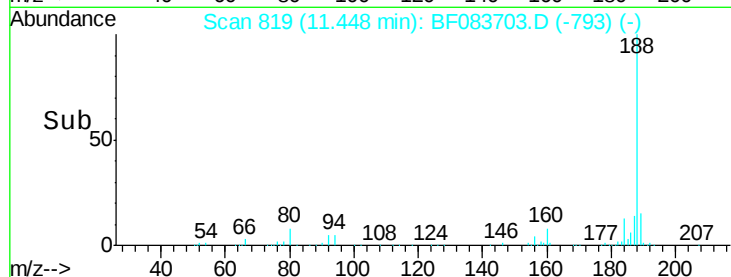
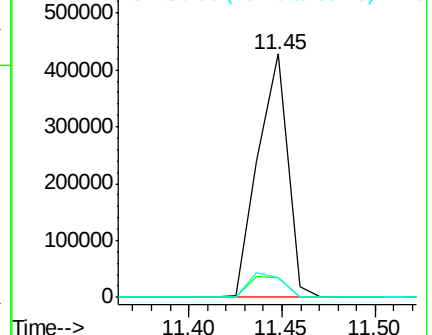
80 8.3 10.6 16.0#



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: 53.02 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

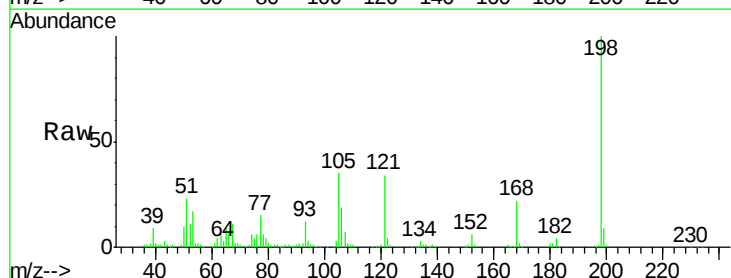
Tgt Ion:198 Resp: 150585

Ion Ratio Lower Upper

198 100

51 23.2 53.8 93.8#

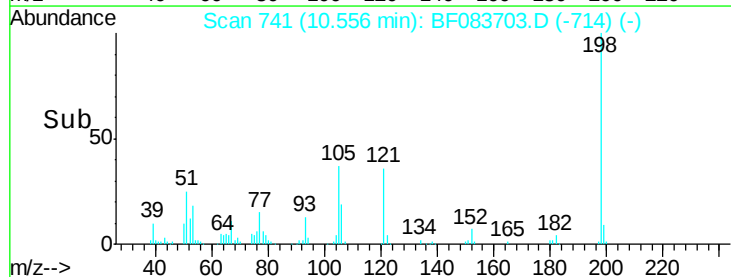
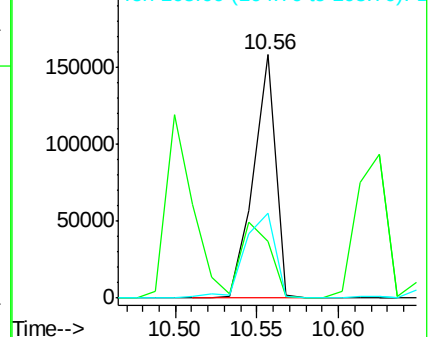
105 34.8 38.6 78.6#

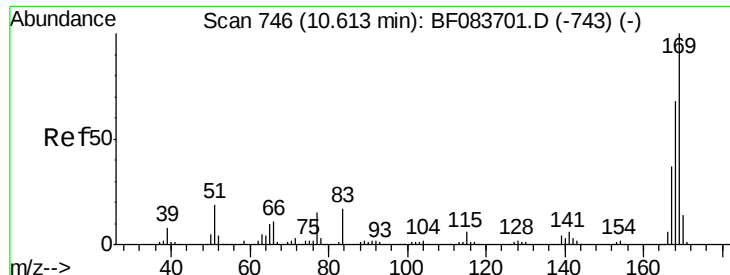


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 56.98 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

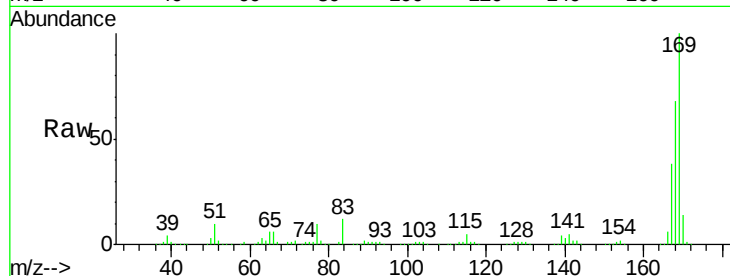
Tot Ion:169 Resp: 889529

Ion Ratio Lower Upper

169 100

168 67.9 53.0 79.6

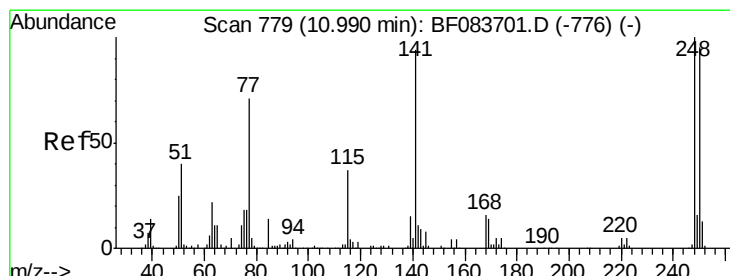
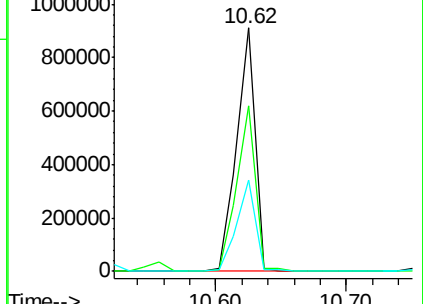
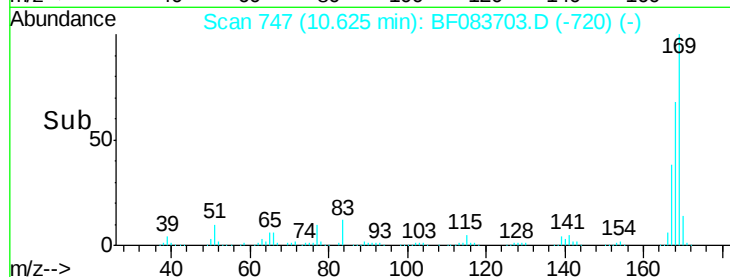
167 37.7 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.88 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

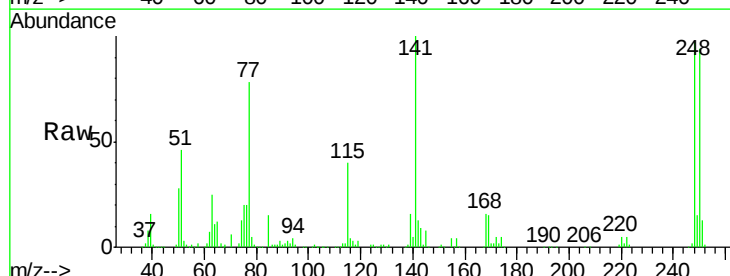
Tgt Ion:248 Resp: 268458

Ion Ratio Lower Upper

248 100

250 96.7 79.2 118.8

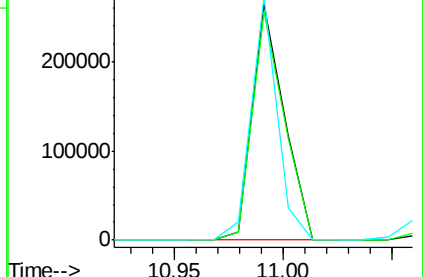
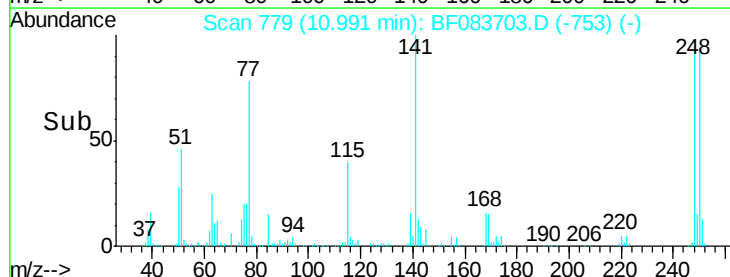
141 103.2 58.2 87.4#

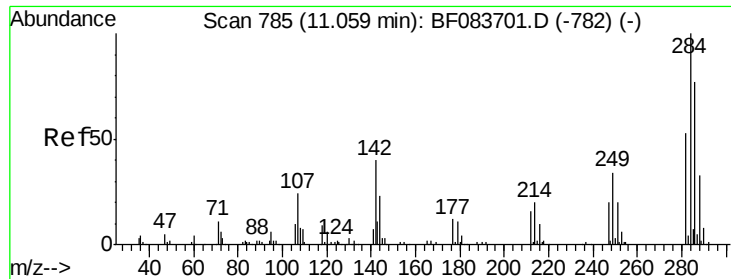


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

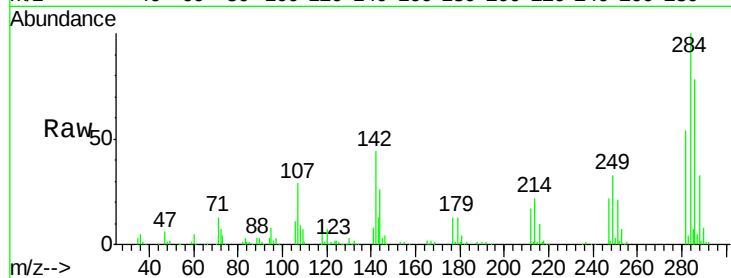




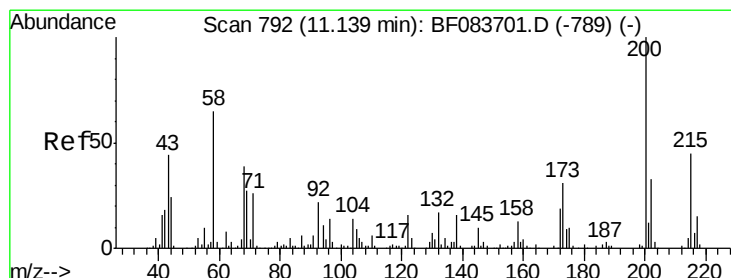
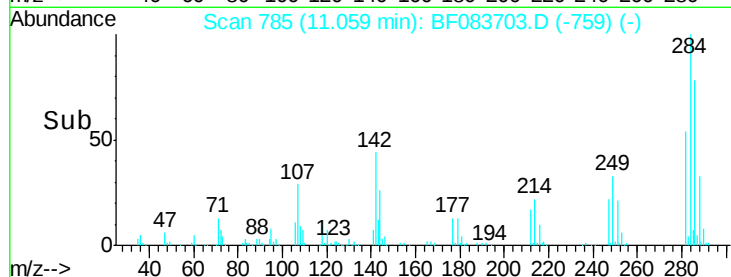
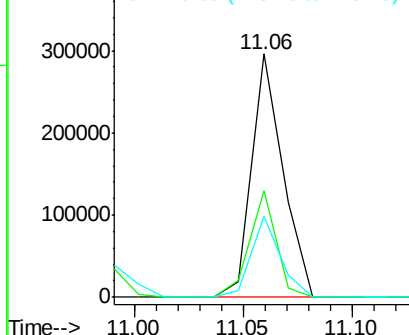
#67
Hexachlorobenzene
Concen: 52.69 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	43.8	31.0	46.4
249	33.4	26.9	40.3

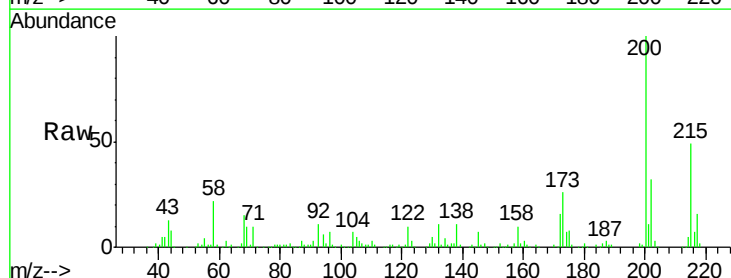


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

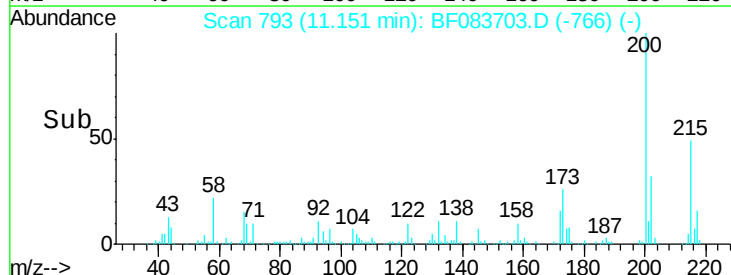
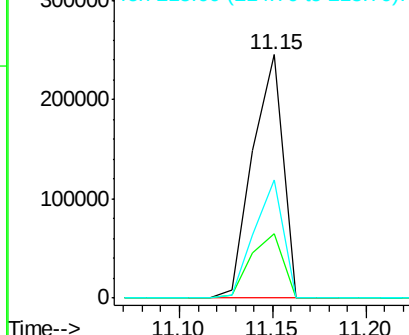


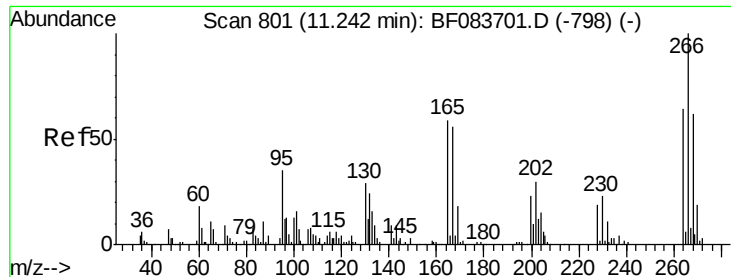
#68
Atrazine
Concen: 59.51 ng
RT: 11.15 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.8	47.8
215	48.7	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

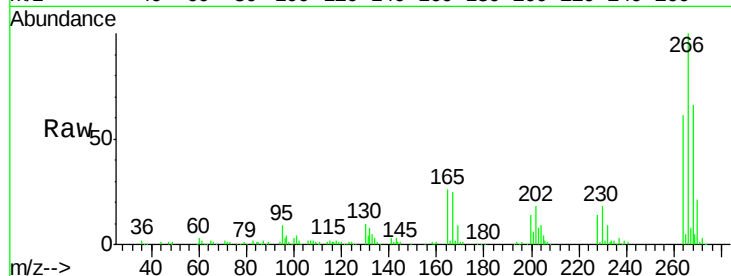




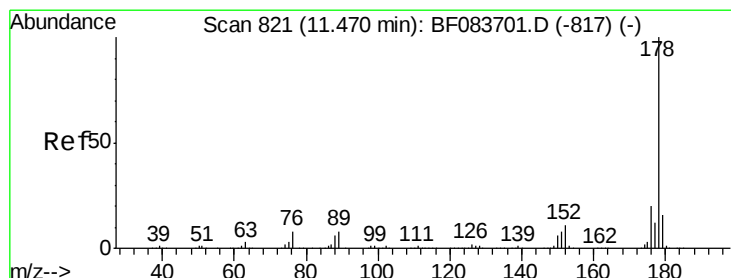
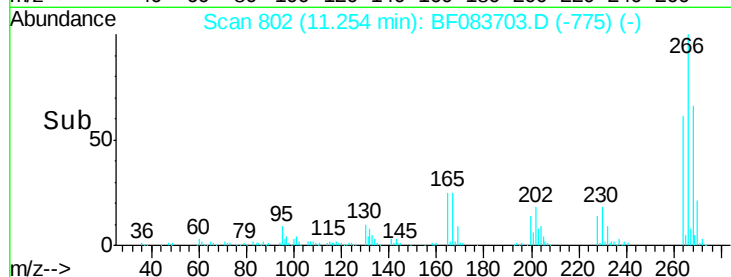
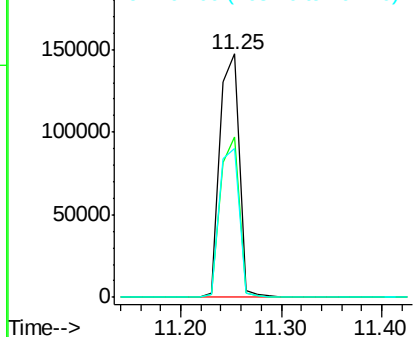
#69
 Pentachlorophenol
 Concen: 161.61 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	50.2	75.2
264	61.3	51.4	77.2

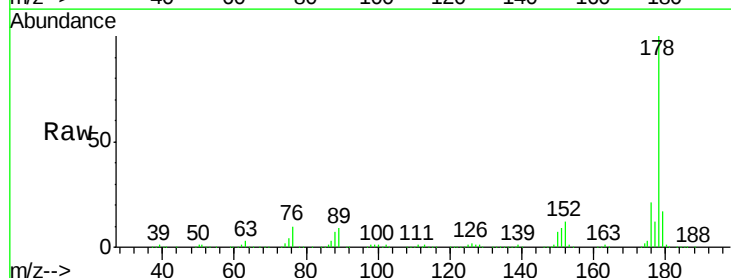


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

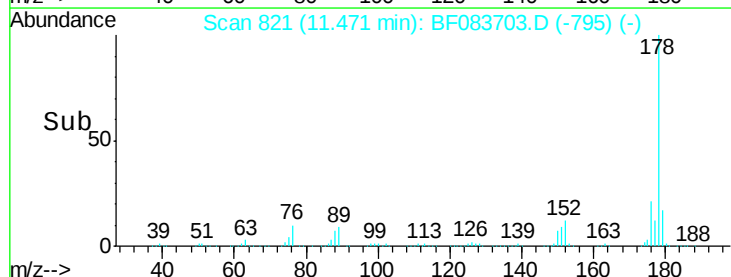
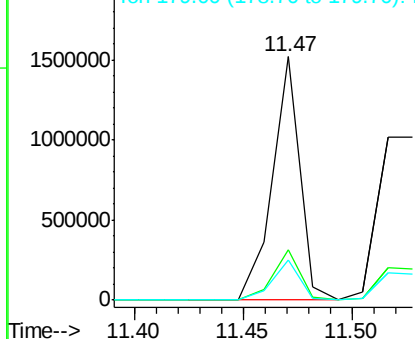


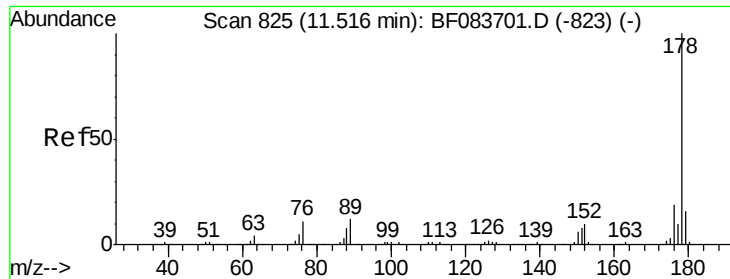
#70
 Phenanthrene
 Concen: 49.72 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	16.6	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

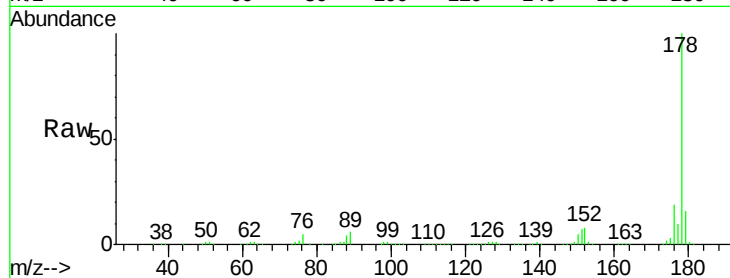




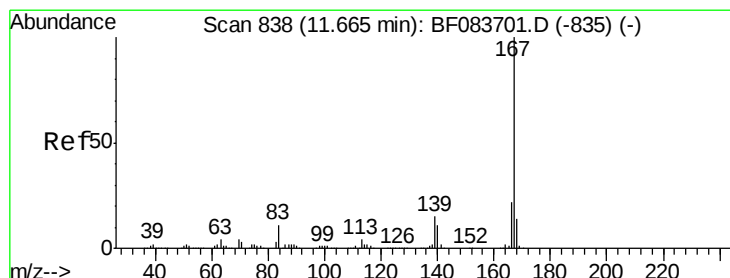
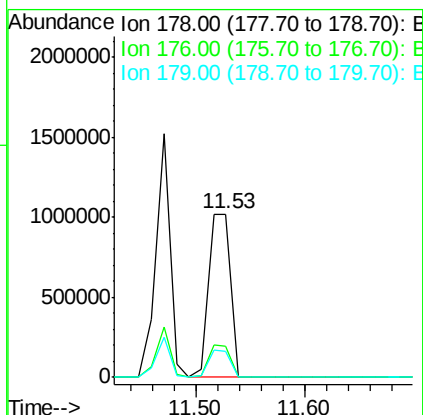
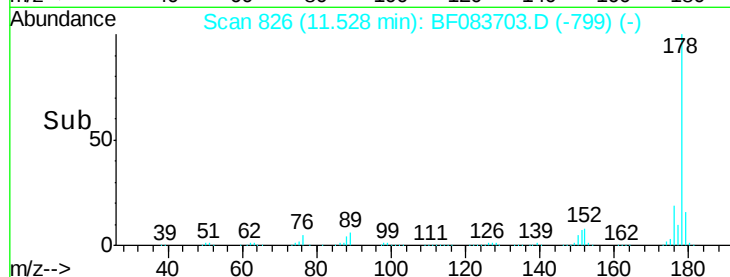
#71
 Anthracene
 Concen: 51.15 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1440156
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 15.7 12.6 18.8

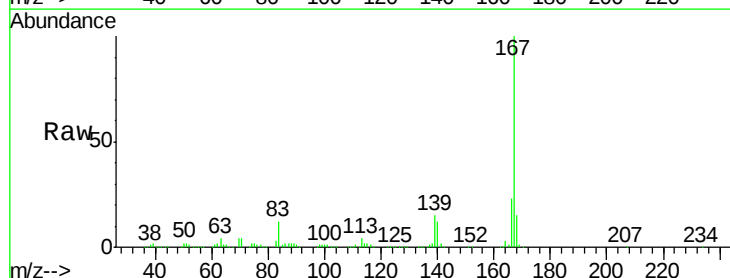


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

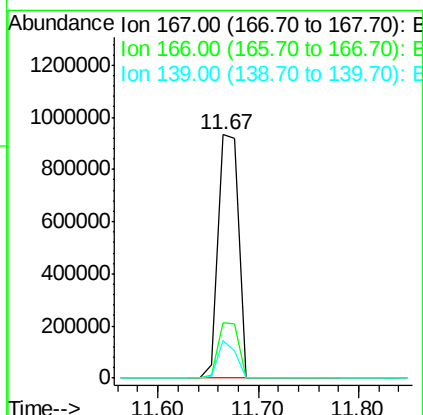
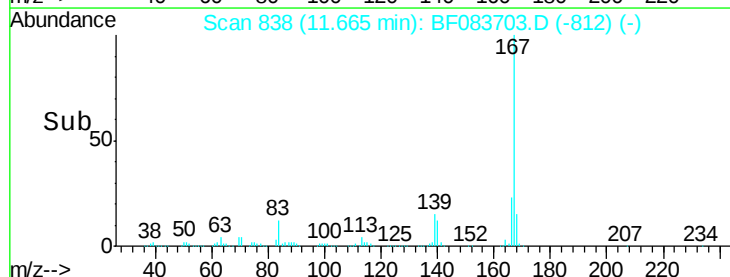


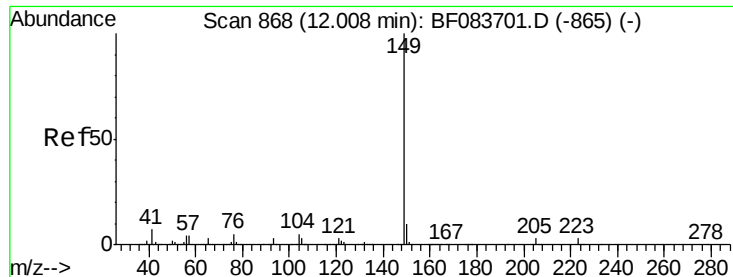
#72
 Carbazole
 Concen: 54.40 ng
 RT: 11.67 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion:167 Resp: 1313472
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.2 25.8
 139 15.3 9.3 13.9#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.66 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

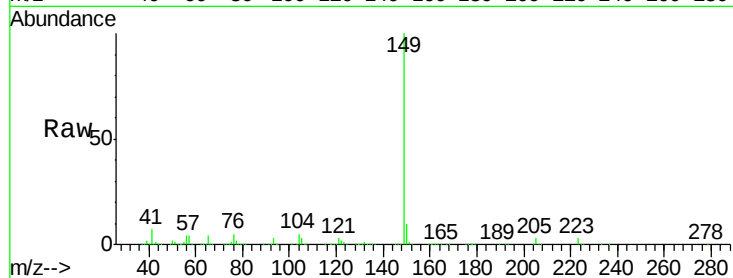
Tot Ion:149 Resp: 1386425

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

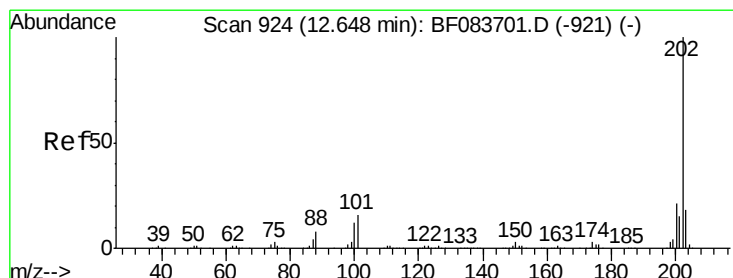
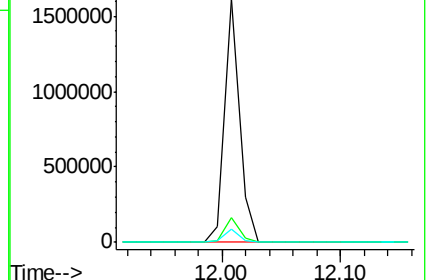
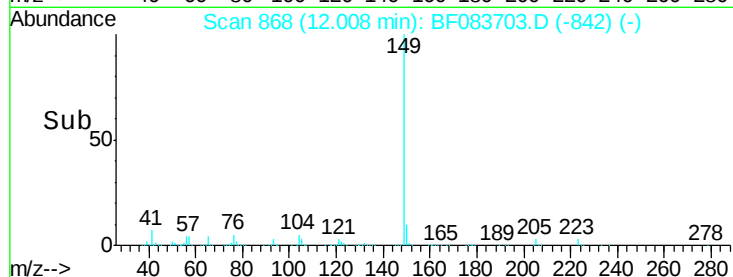
104 5.5 3.9 5.9



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: 53.69 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

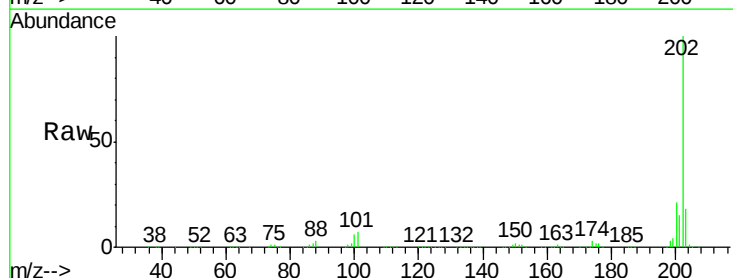
Tgt Ion:202 Resp: 1492678

Ion Ratio Lower Upper

202 100

101 7.3 0.0 31.5

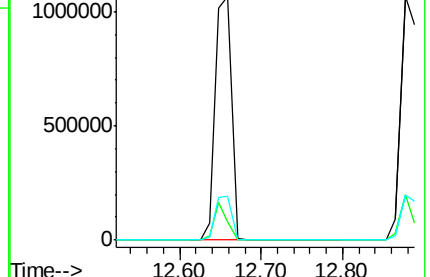
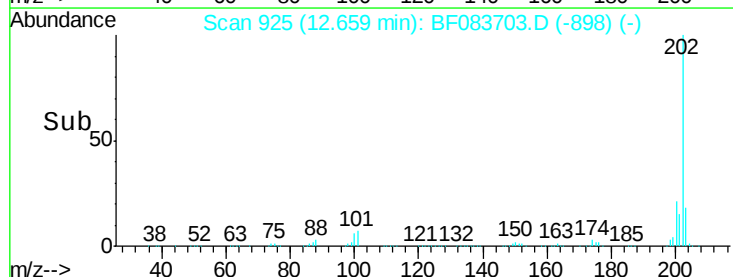
203 18.0 0.0 37.6

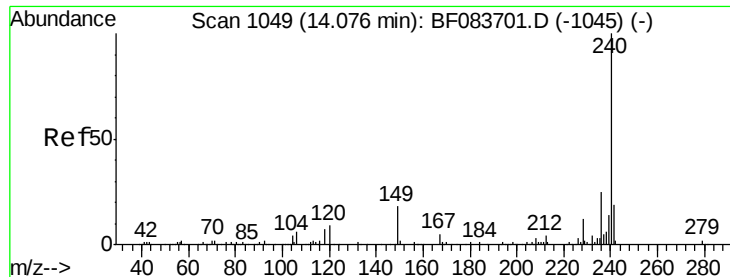


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

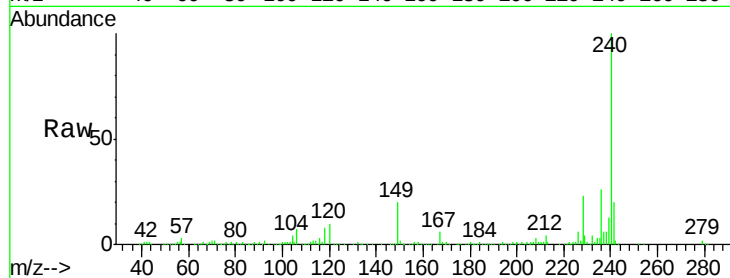
Tot Ion:240 Resp: 316786

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

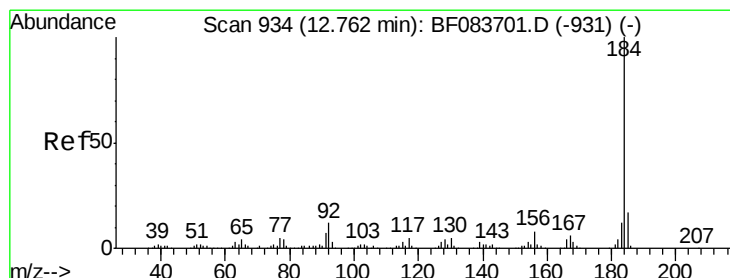
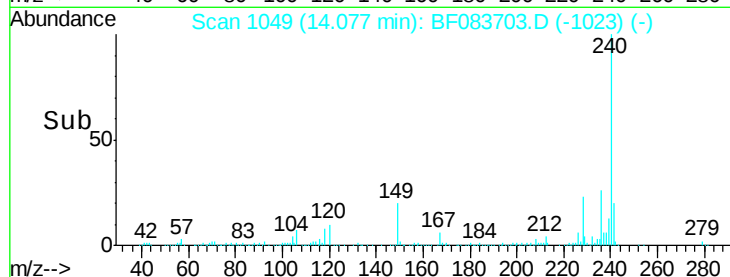
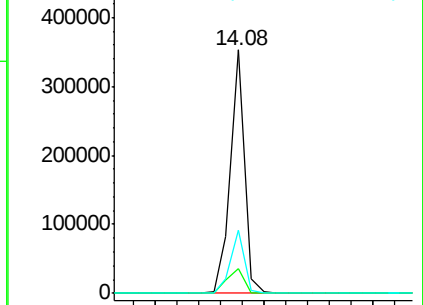
236 25.7 20.8 31.2



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: 72.13 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

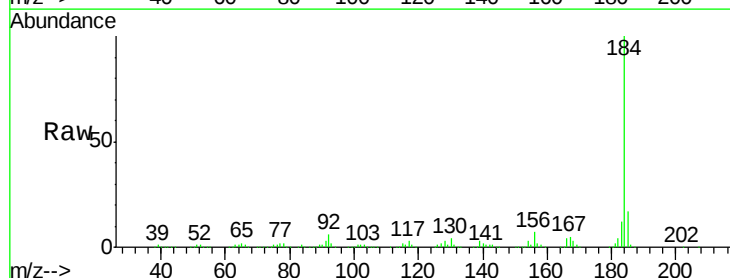
Tgt Ion:184 Resp: 710703

Ion Ratio Lower Upper

184 100

185 16.6 13.0 19.6

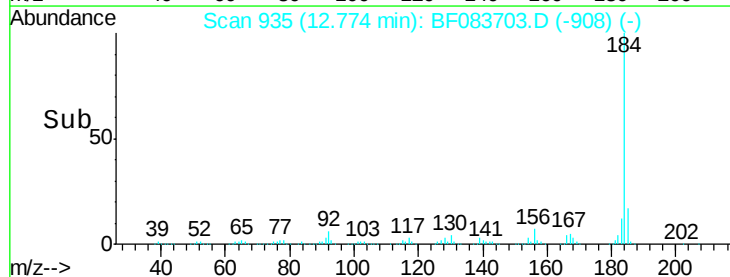
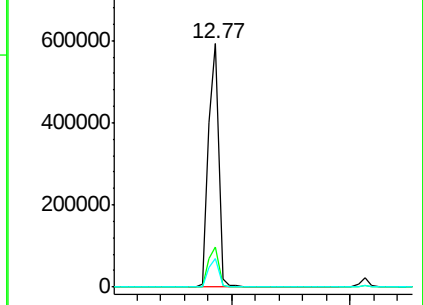
183 12.0 9.0 13.4

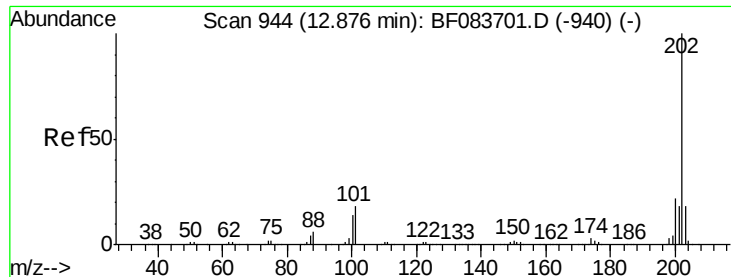


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

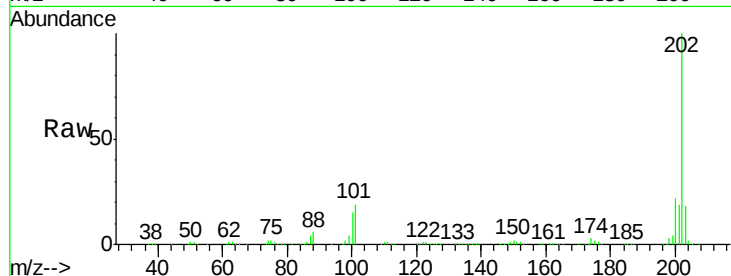




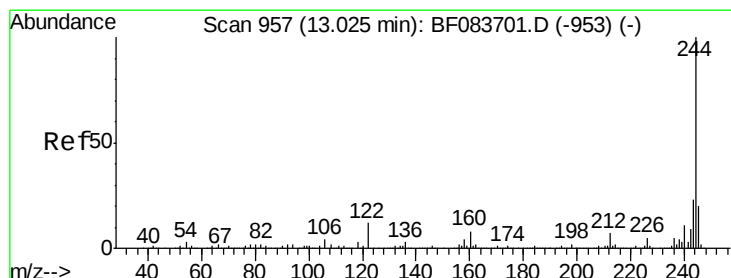
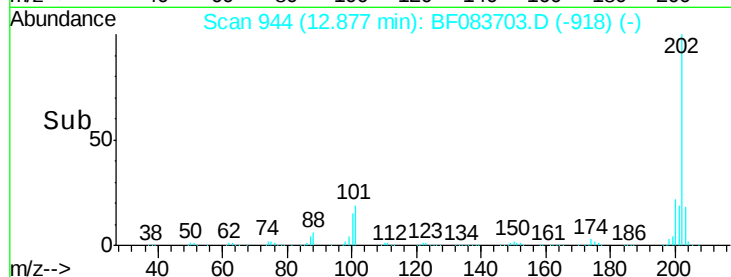
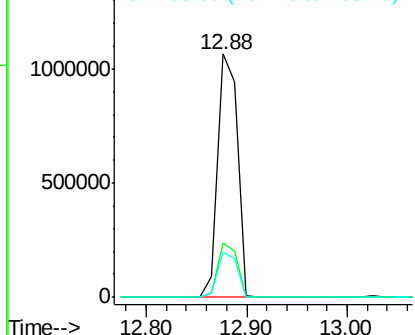
#77
Pvrene
Concen: 63.72 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1453276
Ion Ratio Lower Upper
202 100
200 22.3 16.7 25.1
203 18.5 14.3 21.5

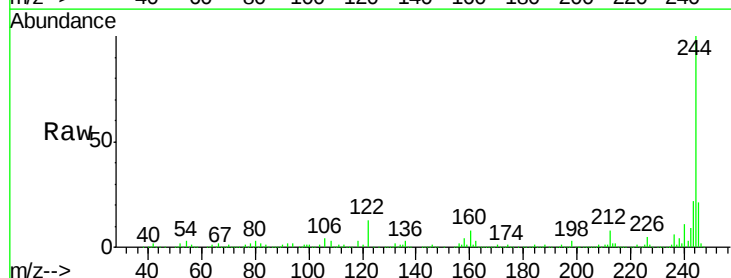


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

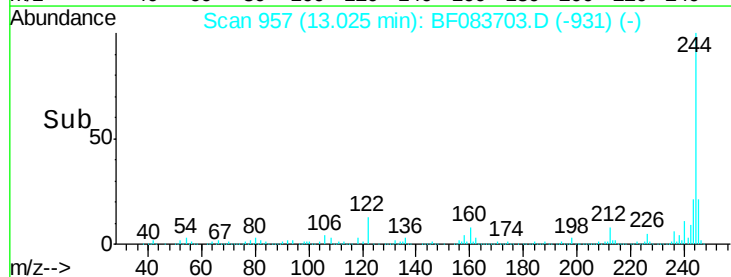
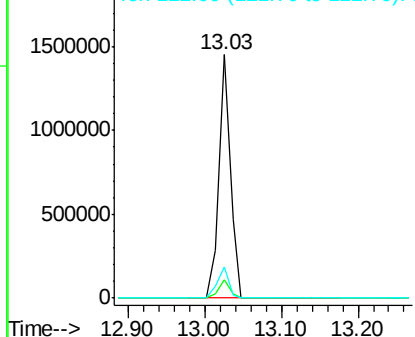


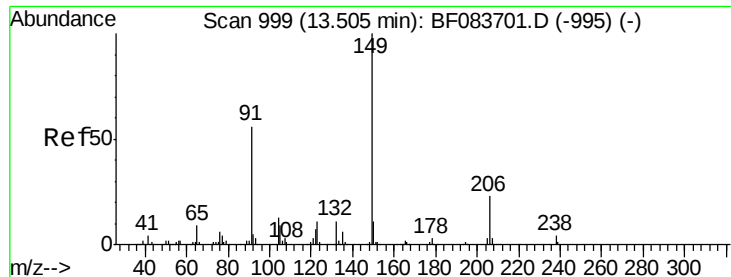
#78
Terphenyl-d14
Concen: 113.19 ng
RT: 13.03 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion:244 Resp: 1524000
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 13.0 11.0 16.6



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





#79

Butylbenzylphthalate

Concen: 53.35 ng

RT: 13.51 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF083703.D

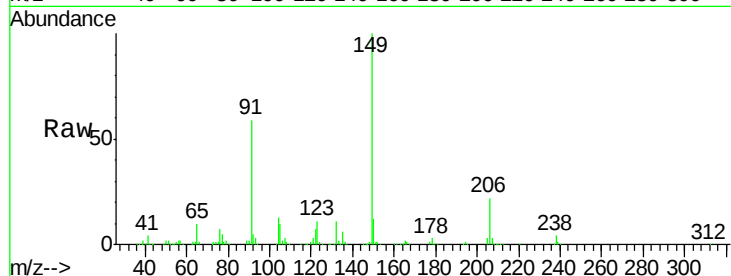
Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampled :

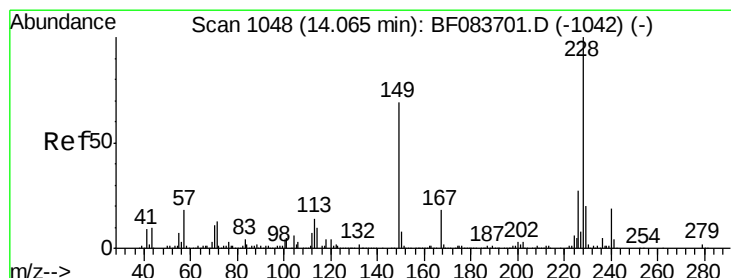
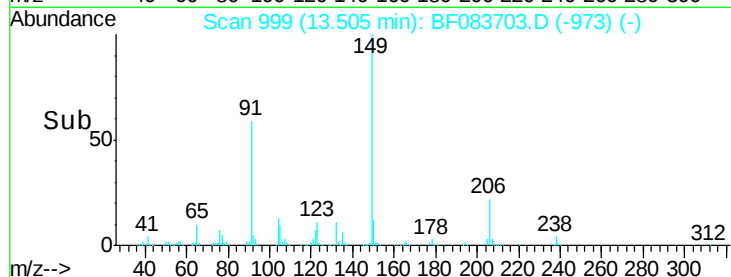
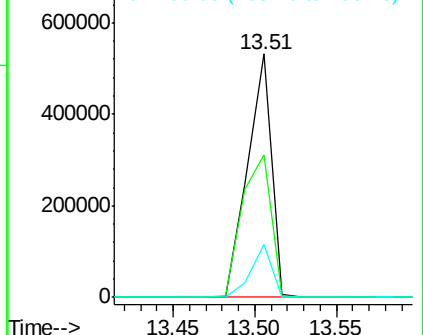
Tot Ion:	149	Resp:	540111
Ion	Ratio	Lower	Upper
149	100		
91	58.8	60.0	90.0#
206	21.7	16.2	24.4



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: 55.02 ng

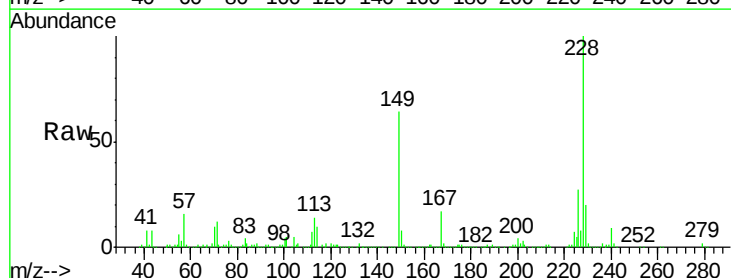
RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

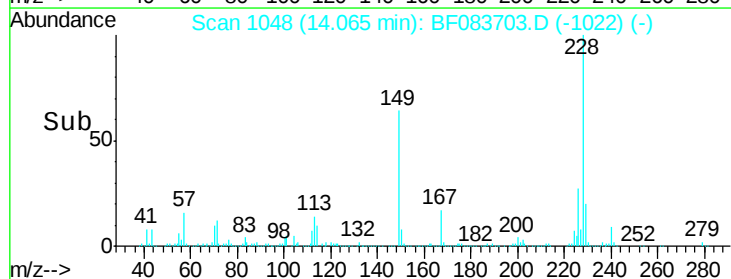
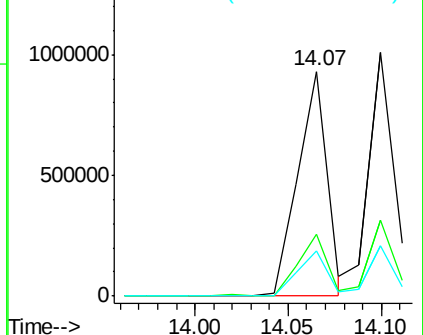
Tgt Ion:	228	Resp:	1020158
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.1	15.7	23.5

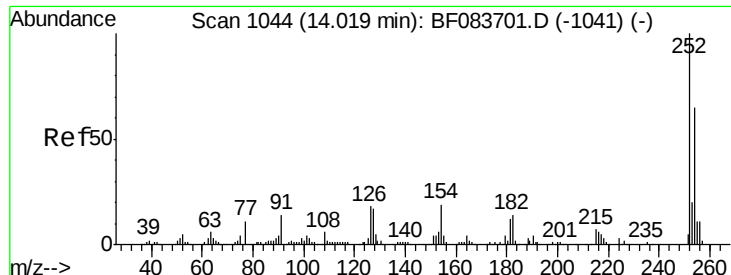


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

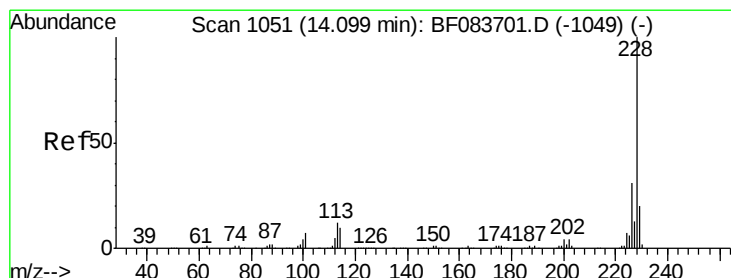
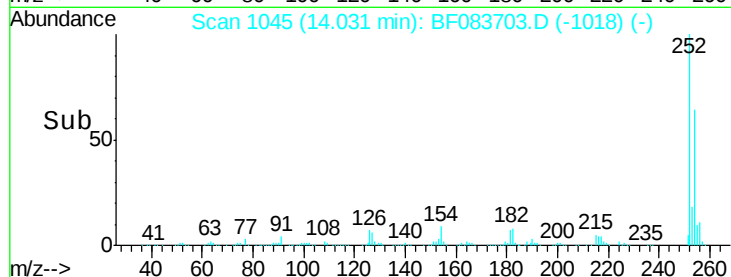
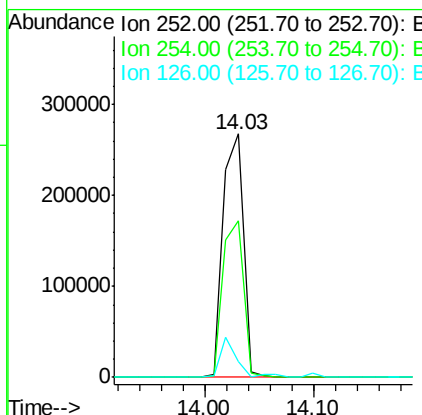
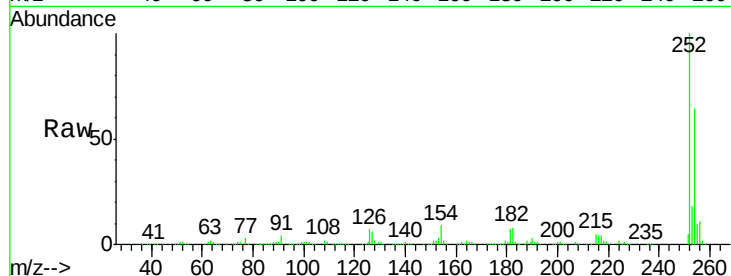




#81
 3,3'-Dichlorobenzidine
 Concen: 56.01 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

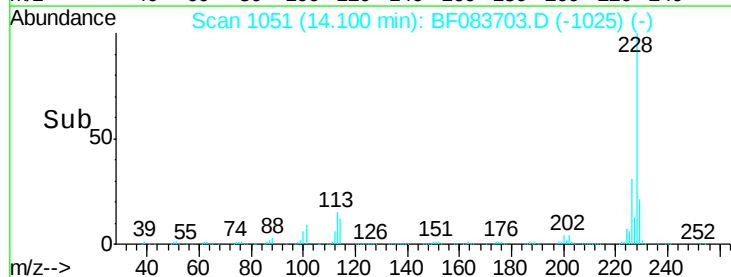
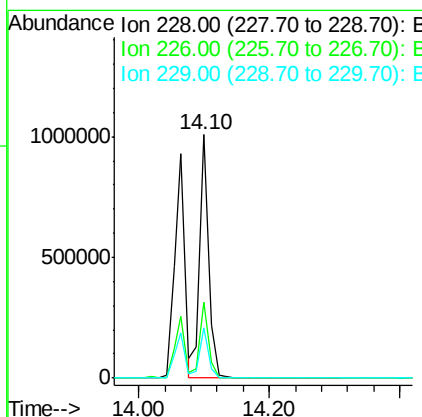
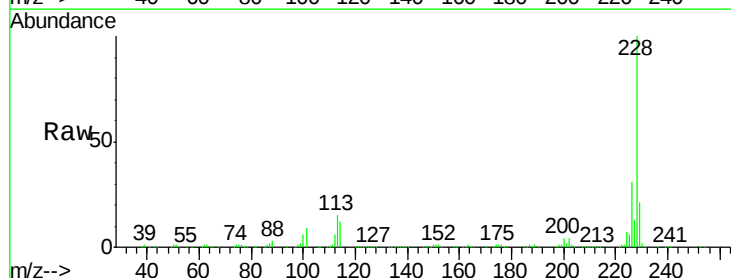
Instrument :
 BNA_F
 ClientSampleId :

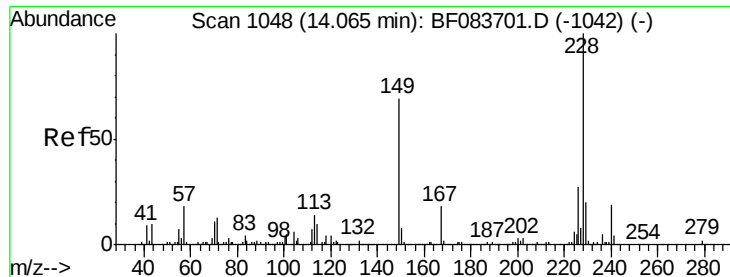
Tot Ion:252 Resp: 350835
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.6 76.0
 126 6.7 11.0 16.4#



#82
 Chrysene
 Concen: 50.93 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion:228 Resp: 946699
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.7 37.1
 229 20.5 16.3 24.5

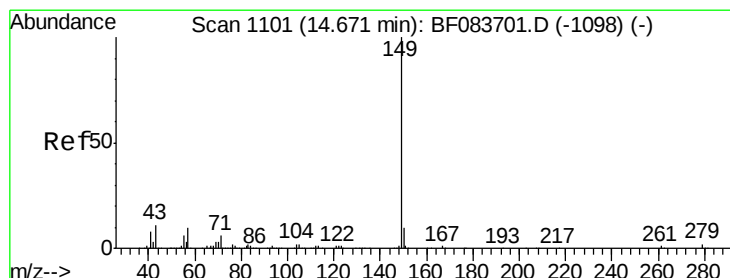
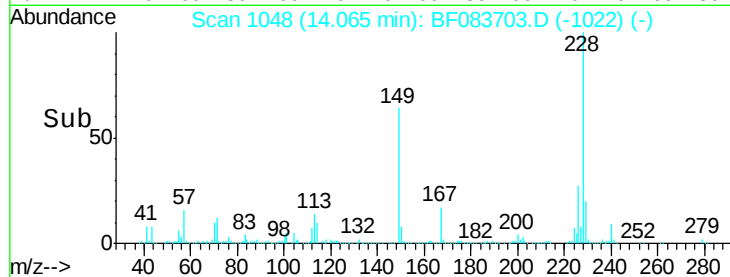
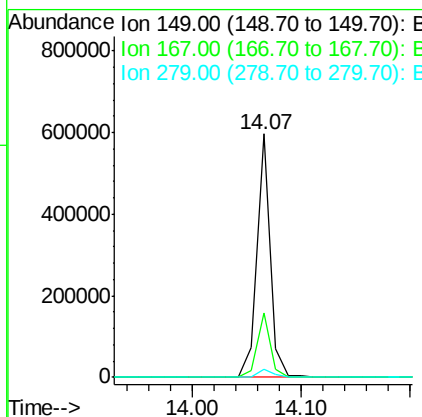
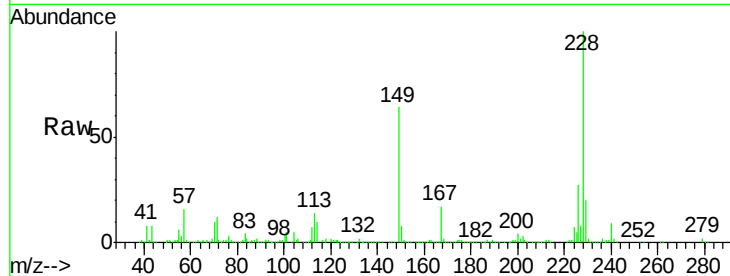




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.62 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

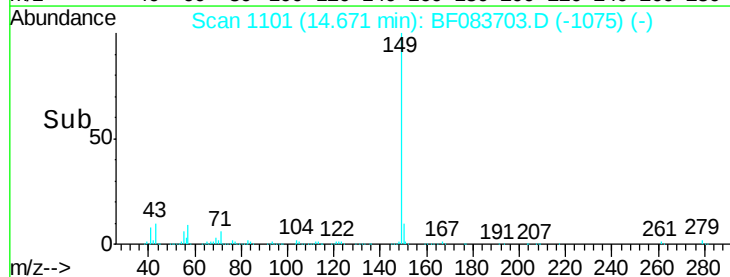
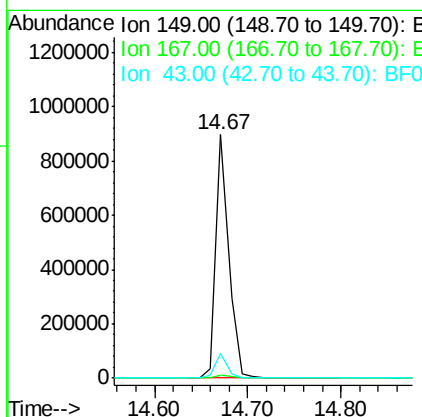
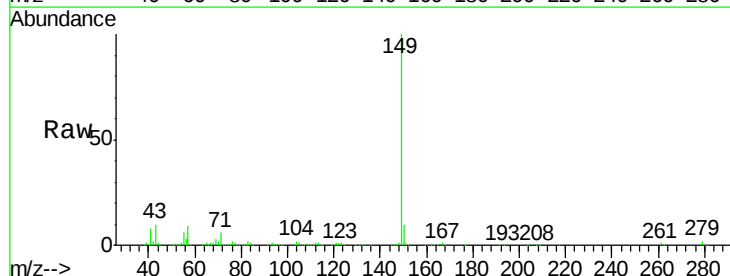
Instrument :
 BNA_F
 ClientSampleId :

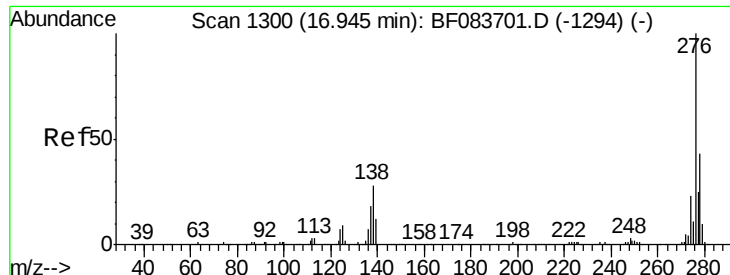
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.8	32.8
279	3.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 39.83 ng
 RT: 14.67 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.8	0.0	0.0#

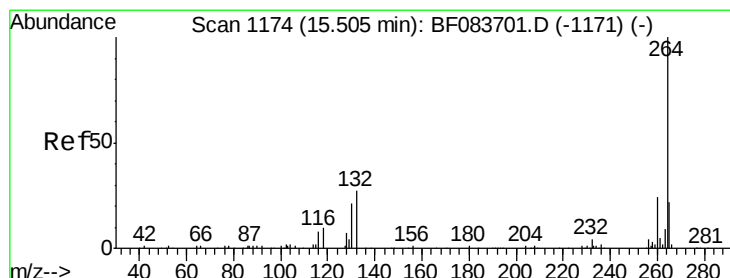
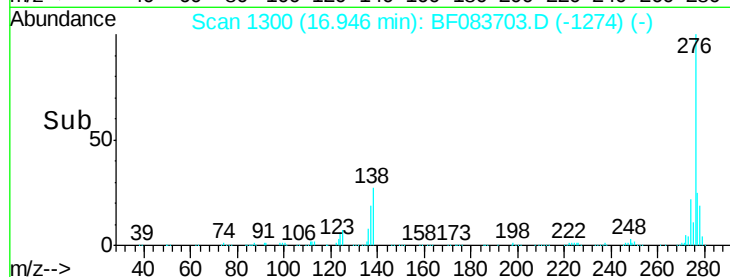
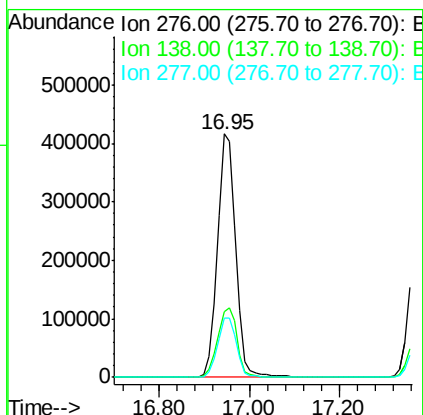
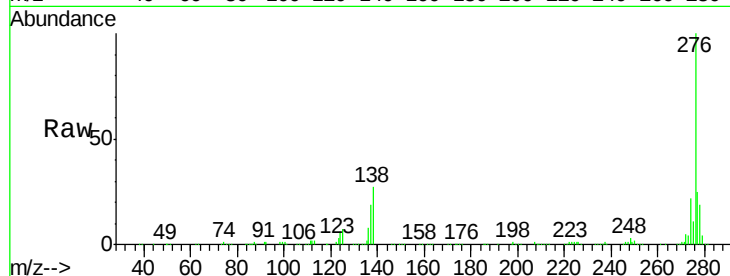




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 93.84 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

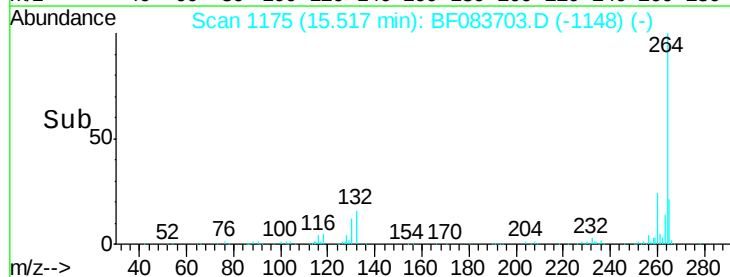
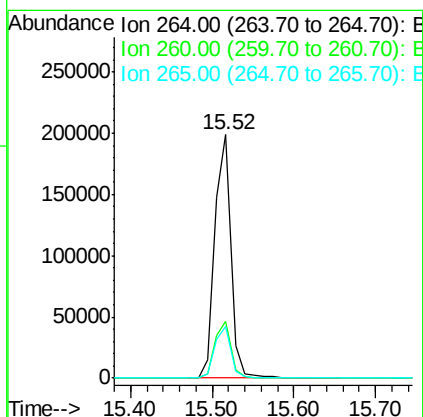
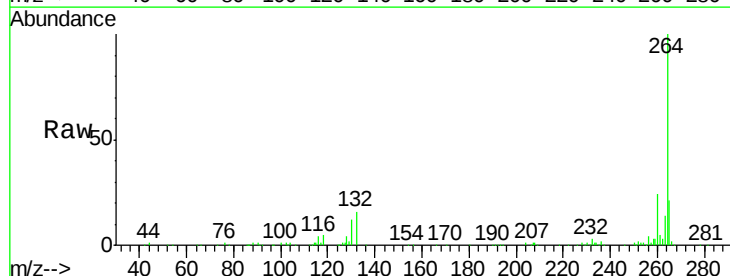
Instrument :
 BNA_F
 ClientSampled :

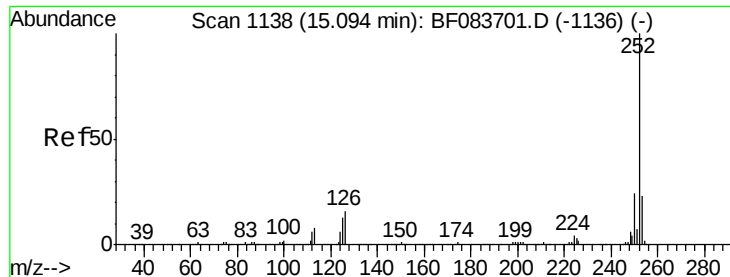
Tot Ion:276 Resp: 1177291
 Ion Ratio Lower Upper
 276 100
 138 30.5 0.0 0.0#
 277 25.5 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF083703.D
 Acq: 11 Dec 2015 17:38

Tgt Ion:264 Resp: 272977
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 21.2 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 67.47 ng

RT: 15.09 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

Instrument :

BNA_F

ClientSampleId :

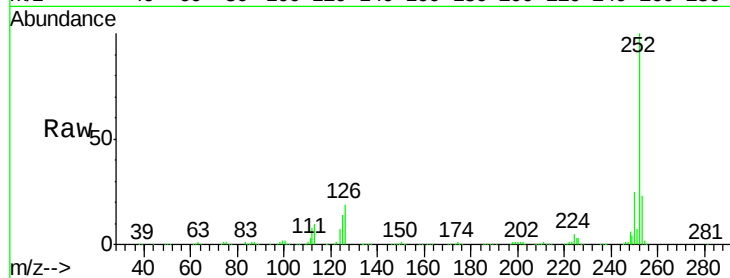
Tot Ion:252 Resp: 1048745

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

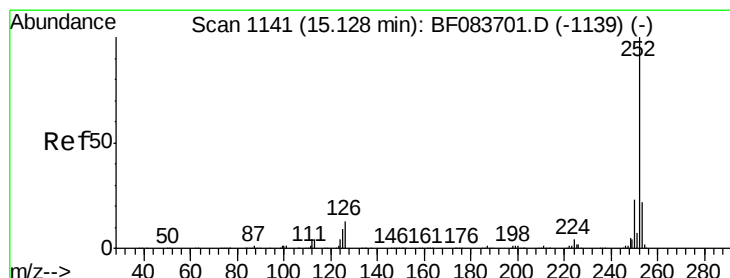
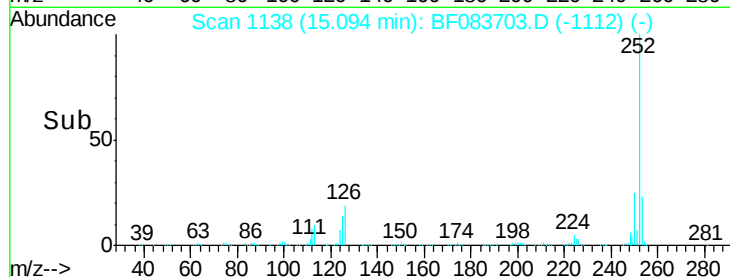
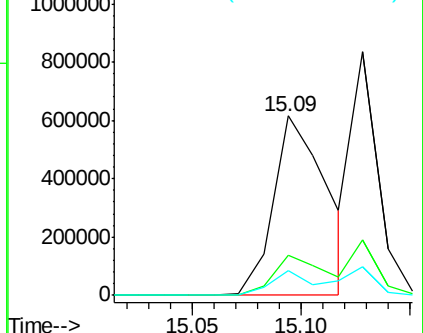
125 14.1 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 61.23 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

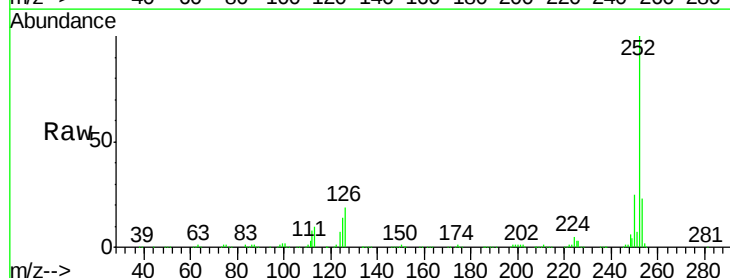
Tgt Ion:252 Resp: 1048745

Ion Ratio Lower Upper

252 100

253 22.7 18.6 27.8

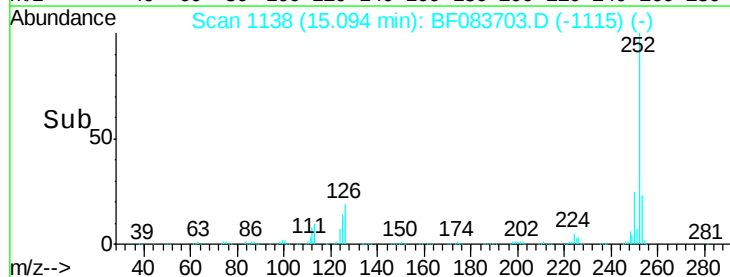
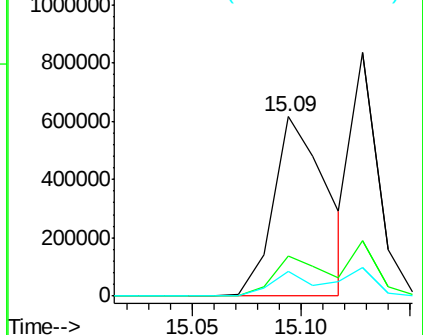
125 14.1 11.5 17.3

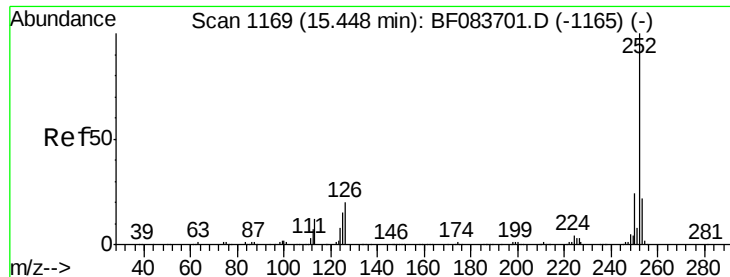


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

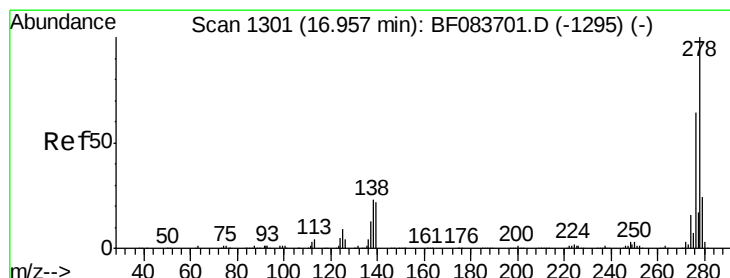
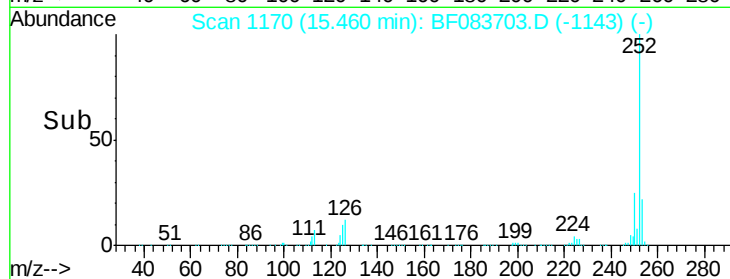
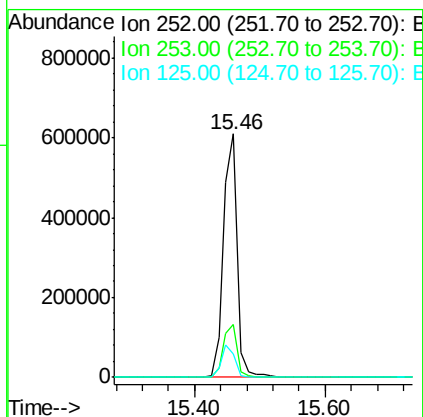
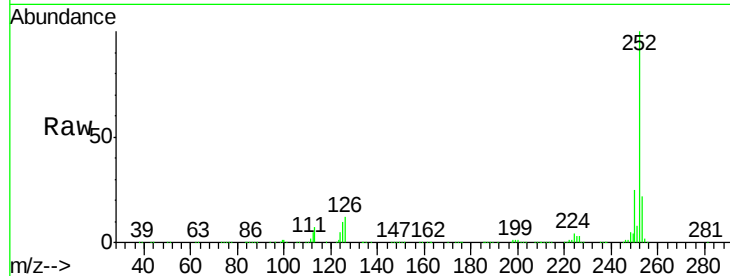




#89
Benzo(a)pyrene
Concen: 58.86 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

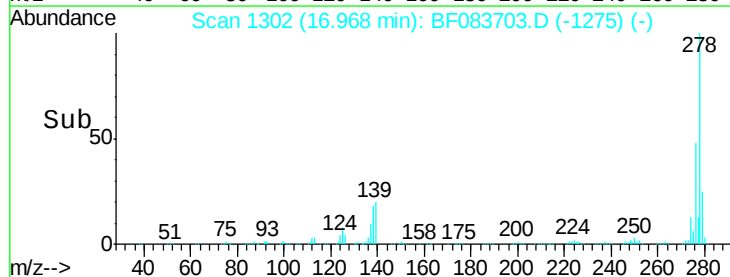
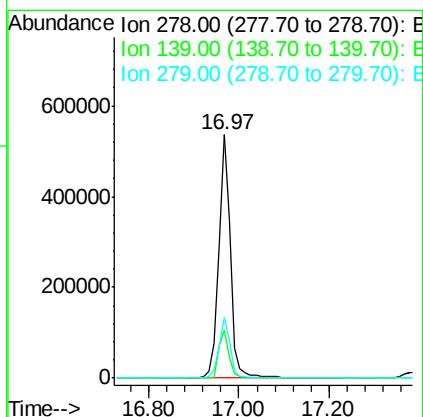
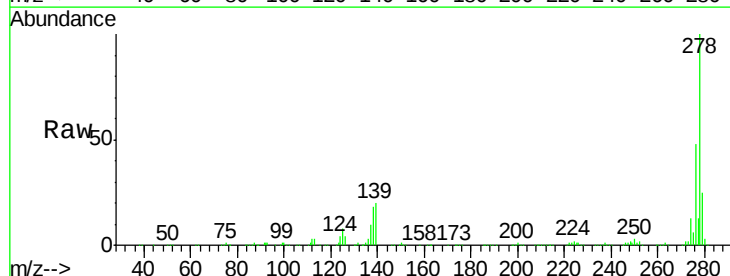
Instrument :
BNA_F
ClientSampleId :

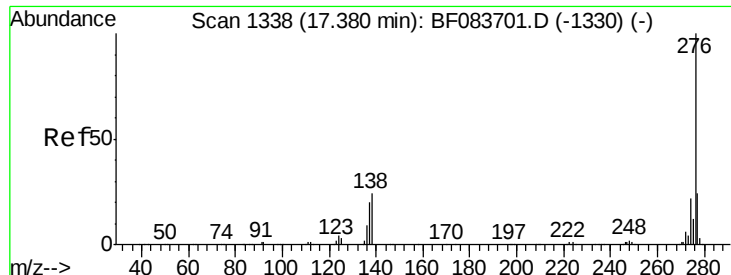
Tot Ion:252 Resp: 892857
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.9 11.0 16.6#



#90
Dibenzo(a,h)anthracene
Concen: 83.61 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF083703.D
Acq: 11 Dec 2015 17:38

Tgt Ion:278 Resp: 969698
Ion Ratio Lower Upper
278 100
139 19.7 12.8 19.2#
279 24.9 18.6 28.0





#91

Benzo(a,h,i)perylene

Concen: 89.14 ng

RT: 17.38 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF083703.D

Acq: 11 Dec 2015 17:38

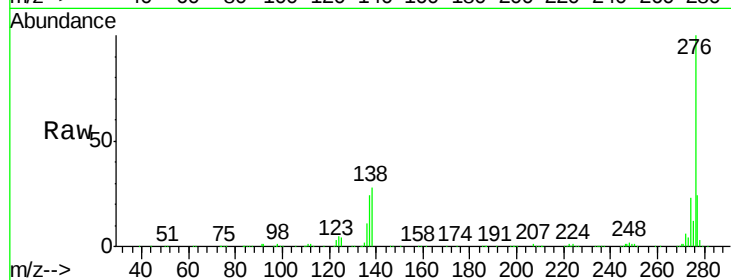
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1007987

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	28.0	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

