

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083056.D
 Acq On : 20 Nov 2015 1:33
 Operator : UM/IZ
 Sample : PB86628BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 07:01:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	118273	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	458291	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	247777	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	450719	20.00	ng	0.00
75) Chrysene-d12	13.86	240	390833	20.00	ng	0.00
86) Perylene-d12	15.23	264	356733	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	777047	102.04	ng	0.01
7) Phenol-d6	6.35	99	1060988	105.79	ng	0.00
23) Nitrobenzene-d5	7.26	82	686965	68.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	255829	97.25	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1105215	60.07	ng	-0.01
78) Terphenyl-d14	12.81	244	1105685	66.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	100118	29.00	ng	# 95
3) Pyridine	2.91	79	304070	32.49	ng	99
4) n-Nitrosodimethylamine	2.85	42	147834	31.22	ng	97
6) Aniline	6.36	93	294316	21.46	ng	# 74
8) 2-Chlorophenol	6.49	128	289605	34.10	ng	96
9) Benzaldehyde	6.24	77	208376	40.87	ng	98
10) Phenol	6.36	94	312763	26.76	ng	# 40
11) bis(2-Chloroethyl)ether	6.44	93	294353	34.67	ng	97
12) 1,3-Dichlorobenzene	6.88	146	296214	31.16	ng	97
13) 1,4-Dichlorobenzene	6.72	146	301694	31.33	ng	99
14) 1,2-Dichlorobenzene	6.88	146	296224	33.29	ng	96
15) Benzyl Alcohol	6.85	79	291336	35.31	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	433912	32.78	ng	94
17) 2-Methylphenol	6.98	107	259259	36.56	ng	99
18) Hexachloroethane	7.22	117	113659	32.12	ng	# 86
19) n-Nitroso-di-n-propylamine	7.13	70	241894	33.00	ng	93
20) 3+4-Methylphenols	7.13	107	315144	34.09	ng	89
22) Acetophenone	7.12	105	419789	32.70	ng	# 95
24) Nitrobenzene	7.29	77	367168	36.36	ng	93
25) Isophorone	7.53	82	594154	31.47	ng	97
26) 2-Nitrophenol	7.61	139	151810	34.37	ng	88
27) 2,4-Dimethylphenol	7.66	122	262011	35.90	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	341603	32.29	ng	99
29) 2,4-Dichlorophenol	7.86	162	255290	36.09	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	260147	33.21	ng	97
31) Naphthalene	8.01	128	777579	32.56	ng	99
32) Benzoic acid	7.78	122	136310	30.71	ng	97
33) 4-Chloroaniline	8.06	127	182116	17.53	ng	# 91
34) Hexachlorobutadiene	8.14	225	156496	31.96	ng	99
35) Caprolactam	8.43	113	63007	28.02	ng	# 79
36) 4-Chloro-3-methylphenol	8.56	107	275199	33.65	ng	# 86
37) 2-Methylnaphthalene	8.70	142	547515	34.44	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	264388	32.36	ng	98
40) Hexachlorocyclopentadiene	8.86	237	261685	68.73	ng	98

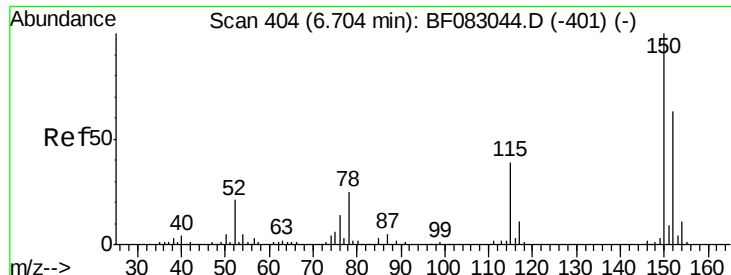
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
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 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	189339	31.94	ng	98
43) 2,4,5-Trichlorophenol	9.04	196	173803	29.40	ng	# 93
45) 1,1'-Biphenyl	9.17	154	692722	31.78	ng	97
46) 2-Chloronaphthalene	9.20	162	519016	31.29	ng	94
47) 2-Nitroaniline	9.29	65	184668	29.52	ng	93
48) Acenaphthylene	9.61	152	867085	31.76	ng	100
49) Dimethylphthalate	9.48	163	652139	31.98	ng	98
50) 2,6-Dinitrotoluene	9.54	165	138511	31.51	ng	# 75
51) Acenaphthene	9.78	154	603635	34.99	ng	99
52) 3-Nitroaniline	9.70	138	91303	18.21	ng	84
53) 2,4-Dinitrophenol	9.81	184	157717	70.40	ng	96
54) Dibenzofuran	9.95	168	757743	32.77	ng	96
55) 4-Nitrophenol	9.88	139	227323	66.04	ng	89
56) 2,4-Dinitrotoluene	9.94	165	206850	35.16	ng	86
57) Fluorene	10.29	166	619867	33.32	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.08	232	156569	32.77	ng	96
59) Diethylphthalate	10.18	149	645462	32.46	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	268570	30.82	ng	94
61) 4-Nitroaniline	10.32	138	142619	27.85	ng	83
62) Azobenzene	10.44	77	703750	31.59	ng	85
64) 4,6-Dinitro-2-methylphenol	10.34	198	96820	33.69	ng	# 29
65) n-Nitrosodiphenylamine	10.41	169	532204	33.70	ng	100
66) 4-Bromophenyl-phenylether	10.77	248	174673	33.46	ng	# 89
67) Hexachlorobenzene	10.84	284	198367	34.74	ng	# 85
68) Atrazine	10.93	200	162035	32.75	ng	96
69) Pentachlorophenol	11.04	266	208448	71.53	ng	96
70) Phenanthrene	11.24	178	836547	30.76	ng	99
71) Anthracene	11.30	178	957488	34.95	ng	99
72) Carbazole	11.46	167	828640	34.60	ng	97
73) Di-n-butylphthalate	11.80	149	1005000	33.28	ng	98
74) Fluoranthene	12.43	202	970701	34.25	ng	98
76) Benzidine	12.56	184	470117	36.76	ng	98
77) Pyrene	12.66	202	1003710	36.48	ng	99
79) Butylbenzylphthalate	13.29	149	410449	33.76	ng	93
80) Benzo(a)anthracene	13.85	228	883353	35.57	ng	98
81) 3,3'-Dichlorobenzidine	13.81	252	190072	22.73	ng	# 94
82) Chrysene	13.88	228	862536	37.87	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	594802	37.42	ng	# 99
84) Di-n-octyl phthalate	14.47	149	930786	35.94	ng	98
85) Indeno(1,2,3-cd)pyrene	16.53	276	648050	34.97	ng	99
87) Benzo(b)fluoranthene	14.85	252	1398066	56.05	ng	# 98
88) Benzo(k)fluoranthene	14.85	252	1398066	73.58	ng	# 99
89) Benzo(a)pyrene	15.17	252	685374	34.24	ng	# 98
90) Dibenzo(a,h)anthracene	16.55	278	547835	31.45	ng	97
91) Benzo(g,h,i)perylene	16.92	276	535826	31.53	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

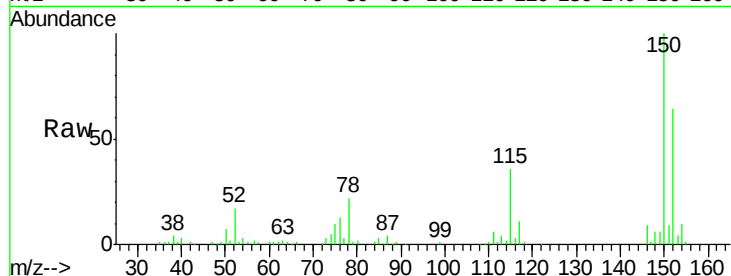
Tgt Ion:152 Resp: 118273

Ion Ratio Lower Upper

152 100

150 156.4 126.4 189.6

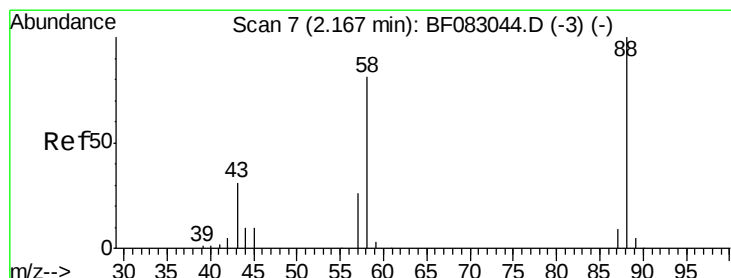
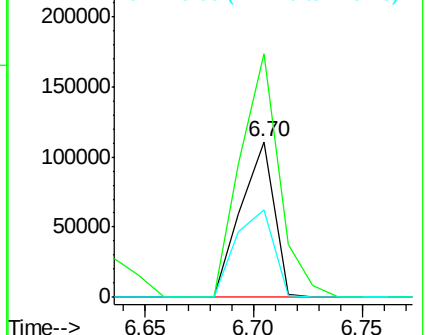
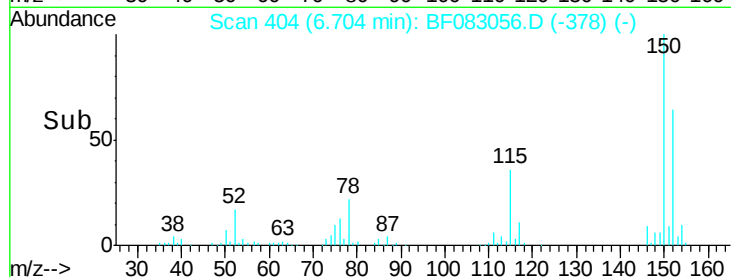
115 56.6 49.0 73.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.00 ng

RT: 2.26 min Scan# 15

Delta R.T. 0.09 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

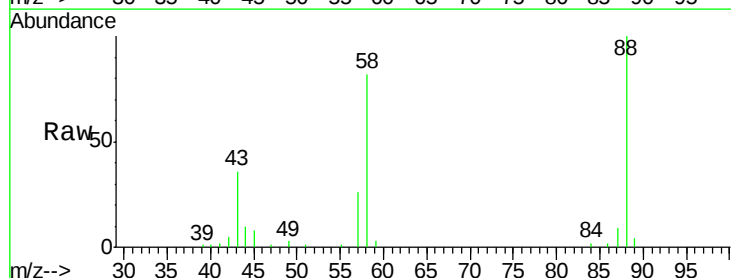
Tgt Ion: 88 Resp: 100118

Ion Ratio Lower Upper

88 100

58 82.0 64.8 97.2

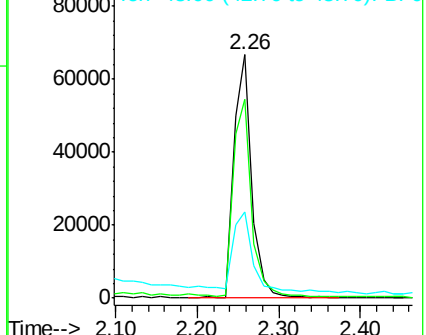
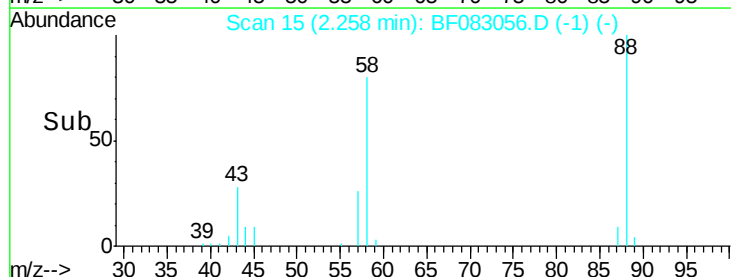
43 40.4 26.2 39.4#

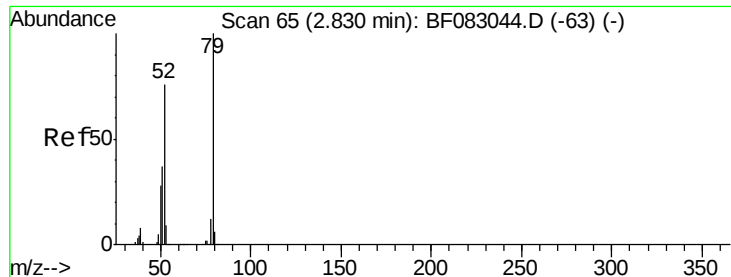


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

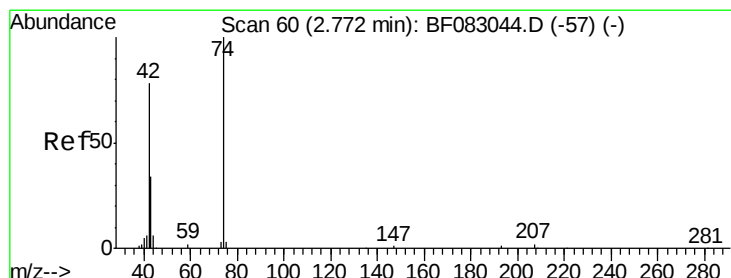
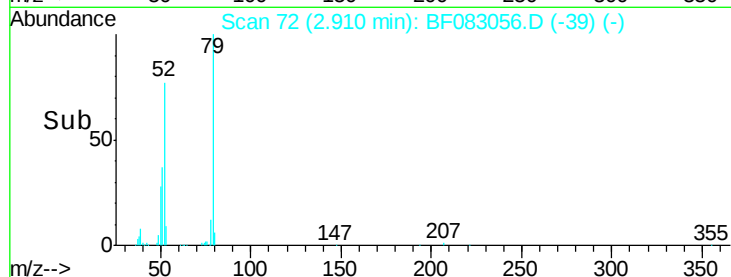
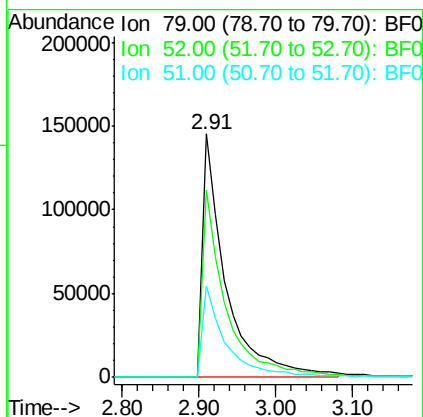
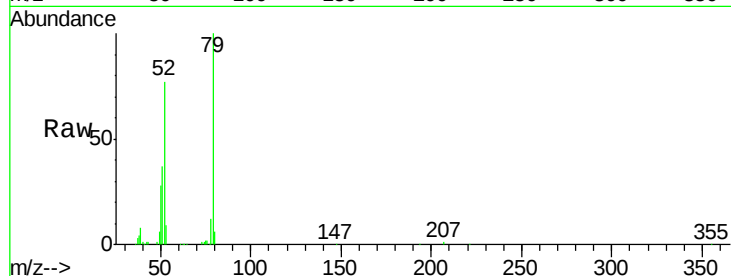




#3
 Pyridine
 Concen: 32.49 ng
 RT: 2.91 min Scan# 72
 Delta R.T. 0.08 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

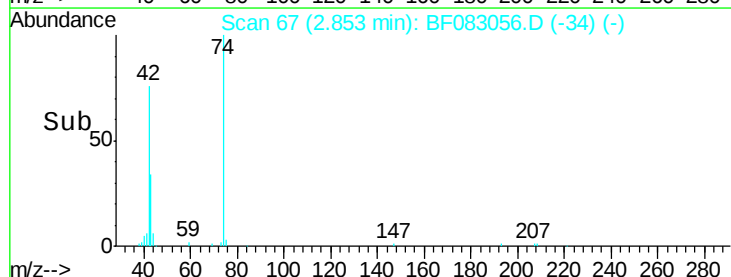
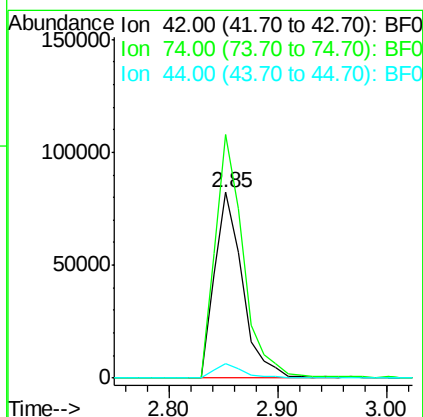
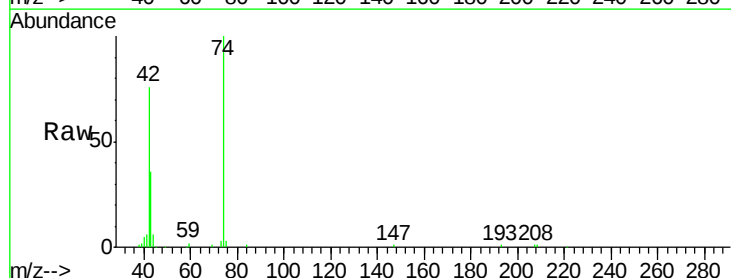
Instrument :
 BNA_F
 ClientSampleId :

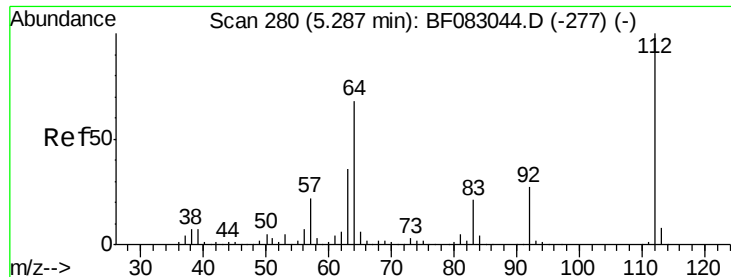
Tgt Ion: 79 Resp: 304070
 Ion Ratio Lower Upper
 79 100
 52 76.8 61.0 91.4
 51 37.4 30.0 45.0



#4
 n-Nitrosodimethylamine
 Concen: 31.22 ng
 RT: 2.85 min Scan# 67
 Delta R.T. 0.08 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion: 42 Resp: 147834
 Ion Ratio Lower Upper
 42 100
 74 131.2 102.4 153.6
 44 7.7 5.8 8.8

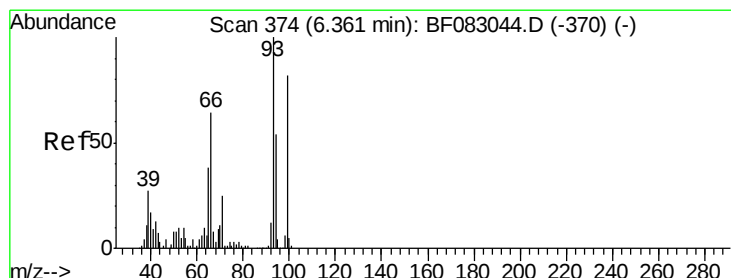
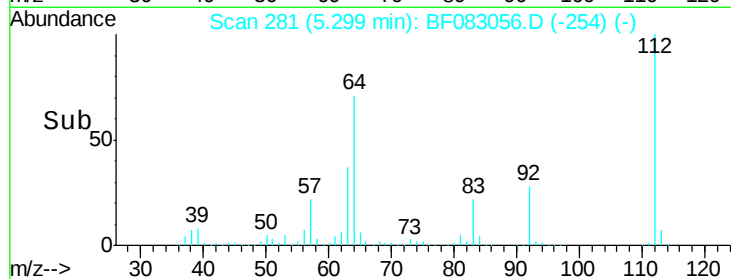
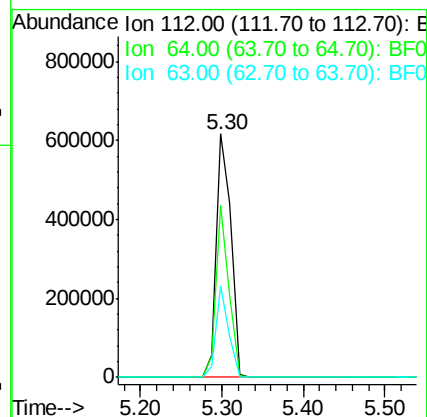
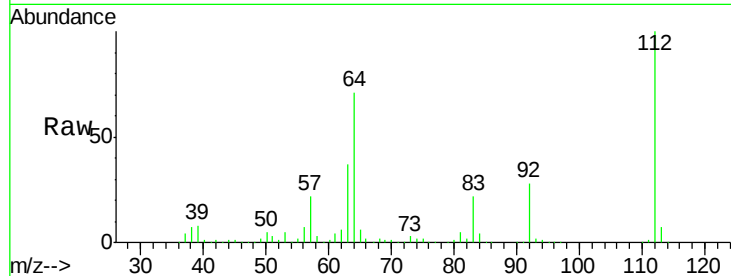




#5
 2-Fluorophenol
 Concen: 102.04 ng
 RT: 5.30 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

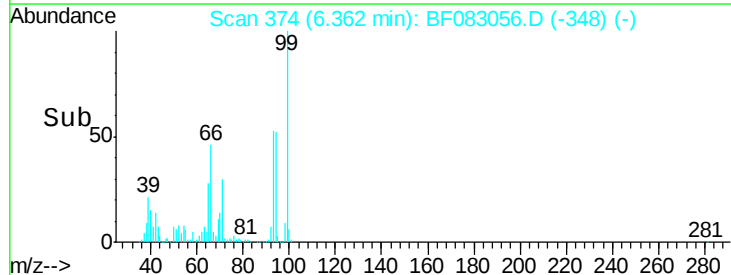
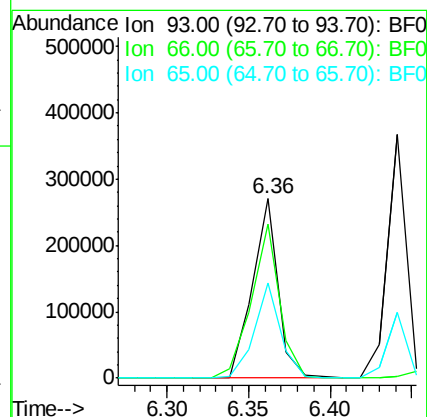
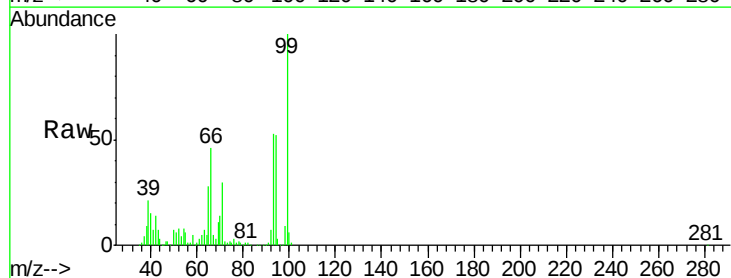
Instrument :
 BNA_F
 ClientSampleId :

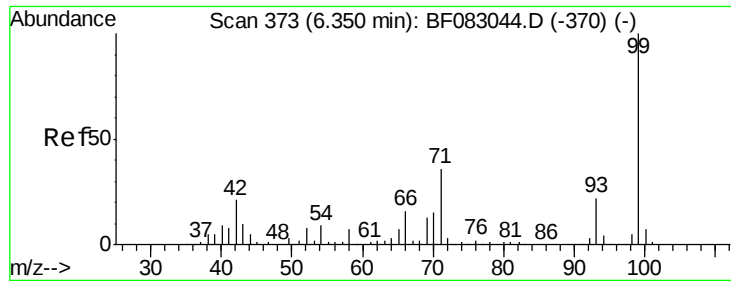
Tgt Ion: 112 Resp: 777047
 Ion Ratio Lower Upper
 112 100
 64 70.8 54.8 82.2
 63 37.4 29.0 43.4



#6
 Aniline
 Concen: 21.46 ng
 RT: 6.36 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion: 93 Resp: 294316
 Ion Ratio Lower Upper
 93 100
 66 85.6 51.4 77.2#
 65 53.3 30.7 46.1#





#7

Phenol-d6

Concen: 105.79 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampled :

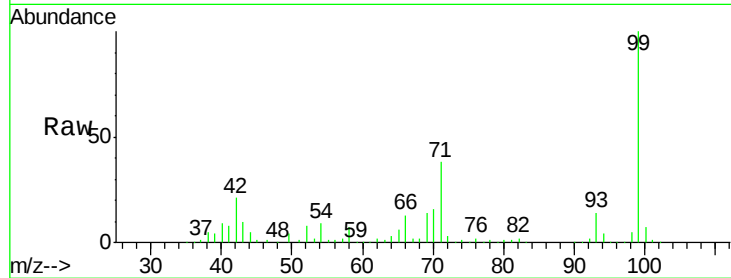
Tgt Ion: 99 Resp: 1060988

Ion Ratio Lower Upper

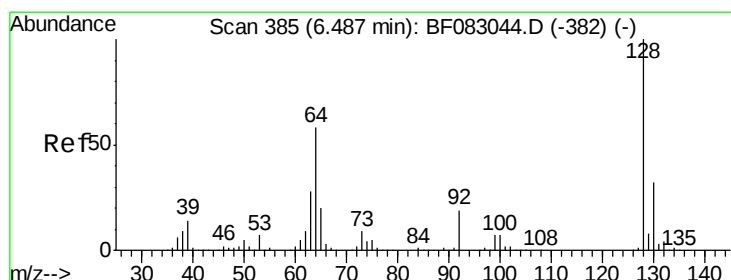
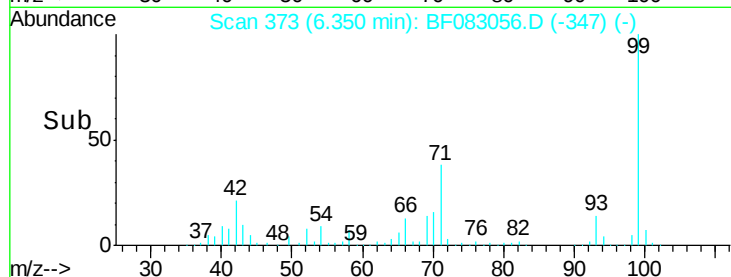
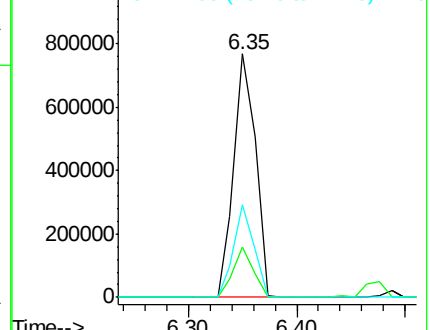
99 100

42 20.7 16.6 25.0

71 38.2 29.2 43.8



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: 34.10 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

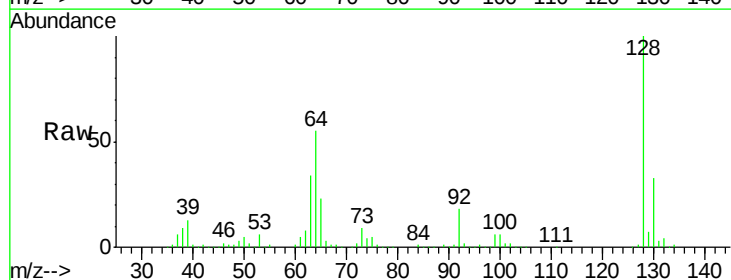
Tgt Ion: 128 Resp: 289605

Ion Ratio Lower Upper

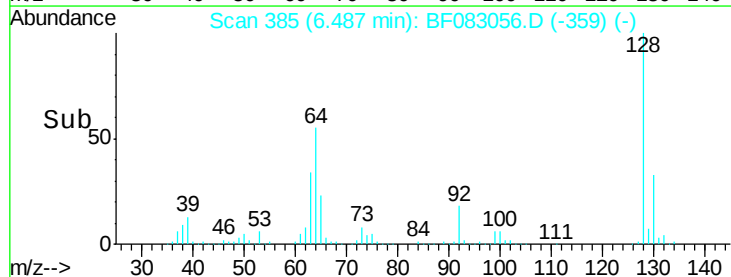
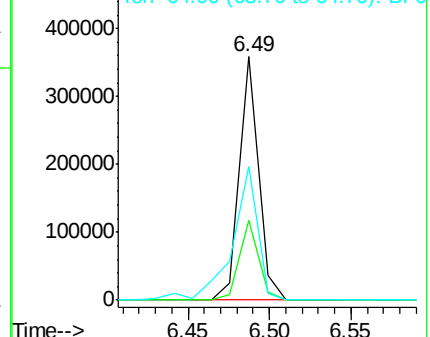
128 100

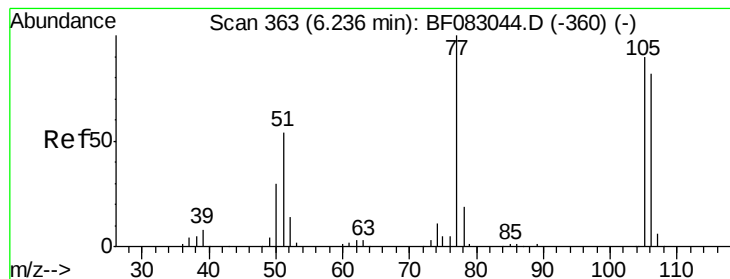
130 33.0 12.3 52.3

64 54.6 38.3 78.3



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: 40.87 ng

RT: 6.24 min Scan# 363

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

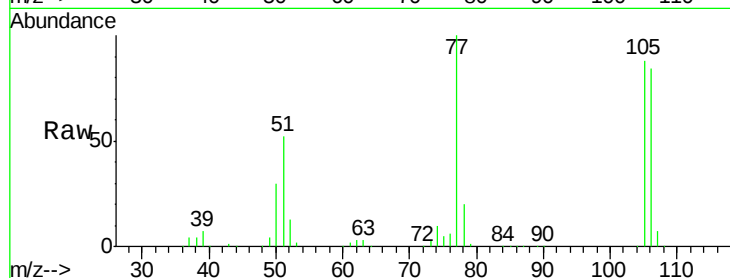
Tgt Ion: 77 Resp: 208376

Ion Ratio Lower Upper

77 100

105 88.2 69.6 109.6

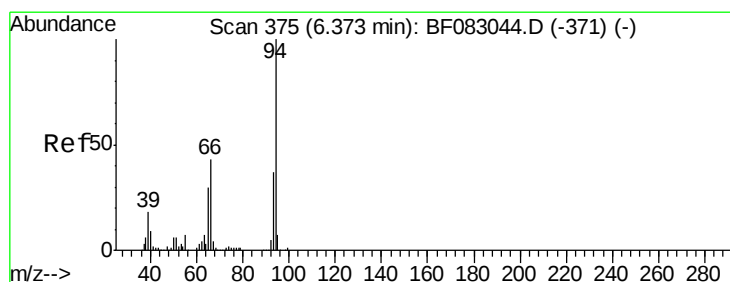
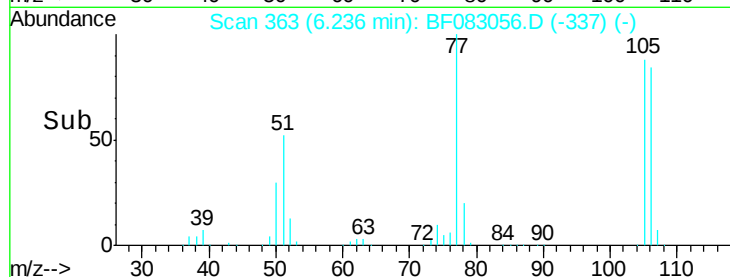
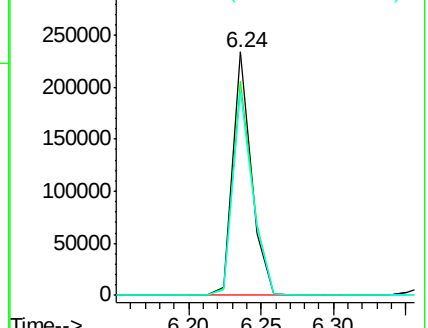
106 83.8 62.0 102.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 26.76 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

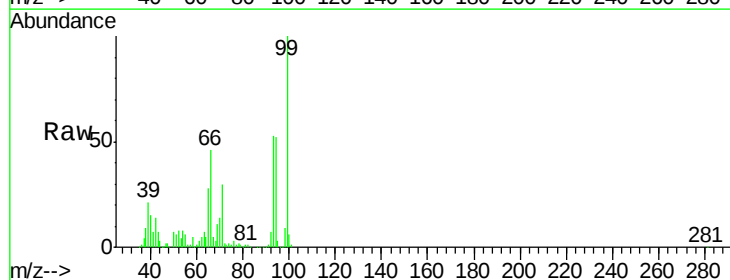
Tgt Ion: 94 Resp: 312763

Ion Ratio Lower Upper

94 100

65 54.8 10.1 50.1#

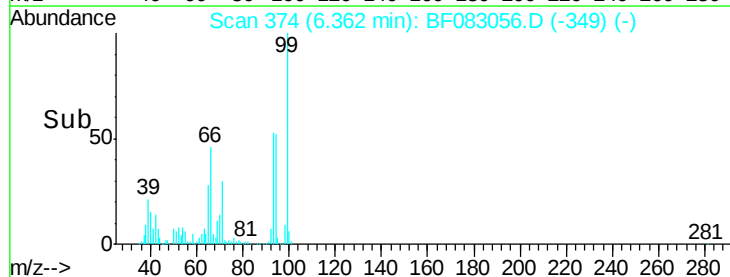
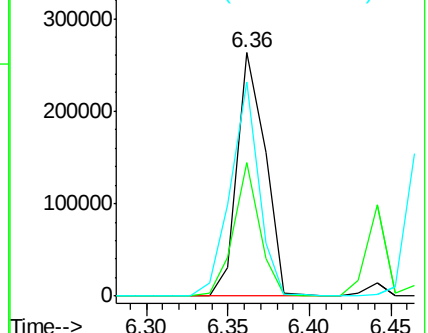
66 88.1 23.2 63.2#

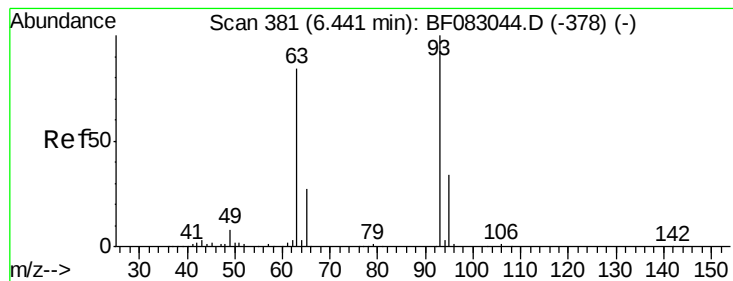


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.67 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

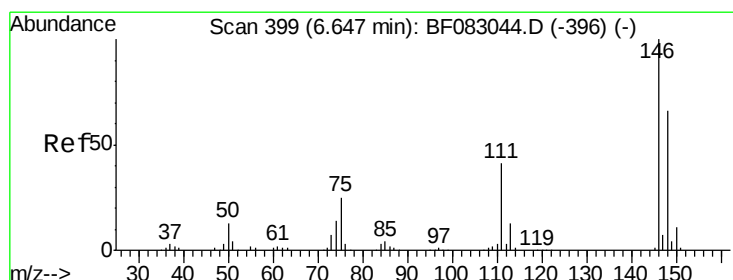
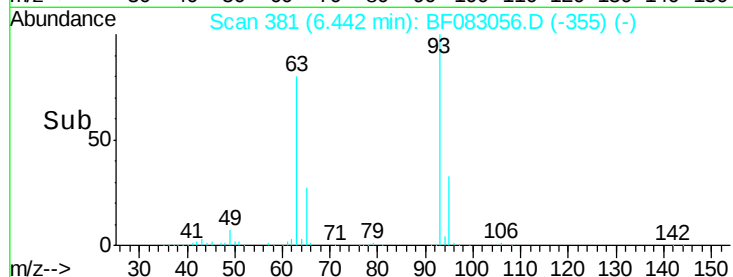
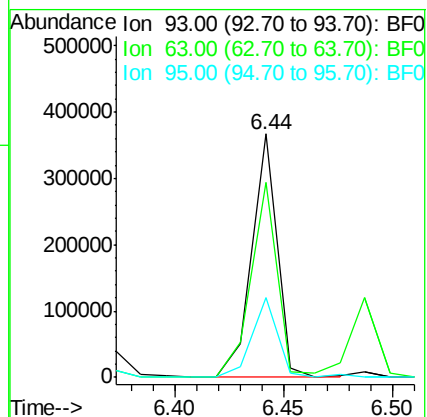
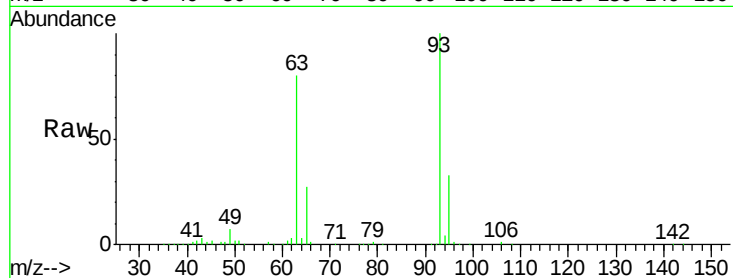
Tgt Ion: 93 Resp: 294353

Ion Ratio Lower Upper

93 100

63 79.8 63.6 103.6

95 33.0 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 31.16 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.23 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

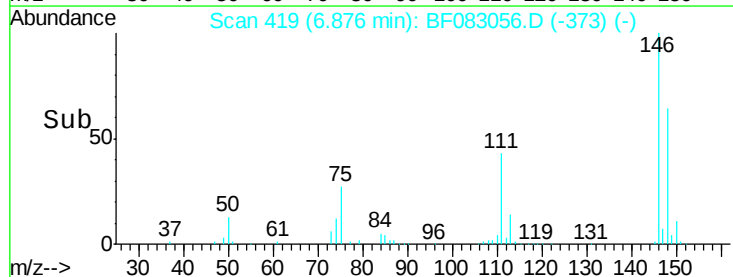
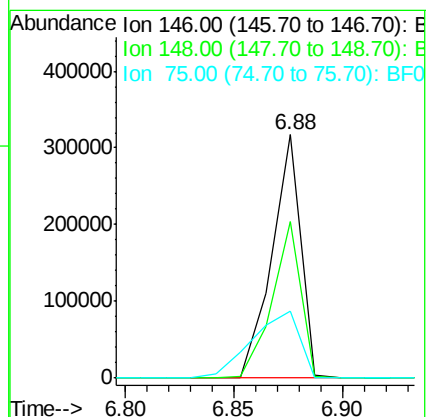
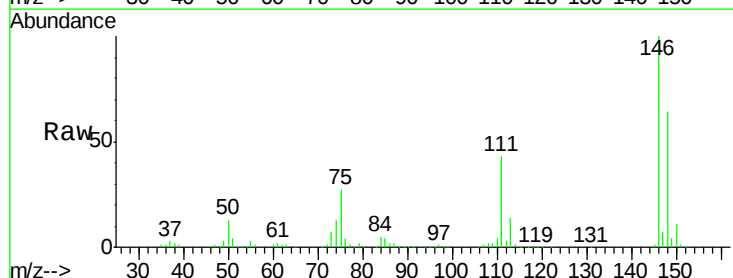
Tgt Ion: 146 Resp: 296214

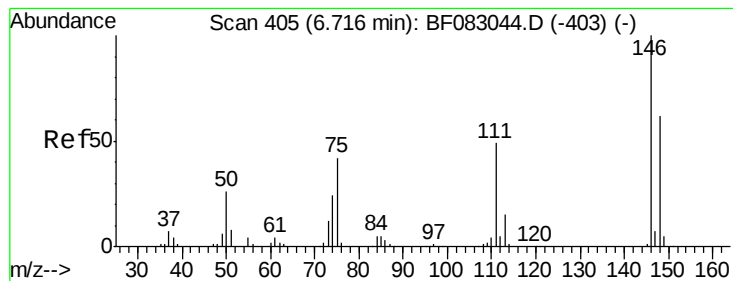
Ion Ratio Lower Upper

146 100

148 64.4 52.8 79.2

75 27.4 20.3 30.5





#13

1,4-Dichlorobenzene

Concen: 31.33 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

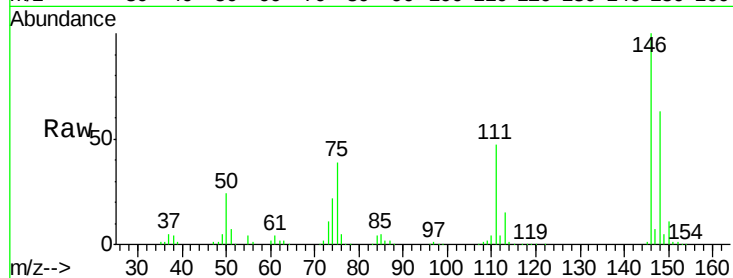
Tgt Ion:146 Resp: 301694

Ion Ratio Lower Upper

146 100

148 62.7 49.6 74.4

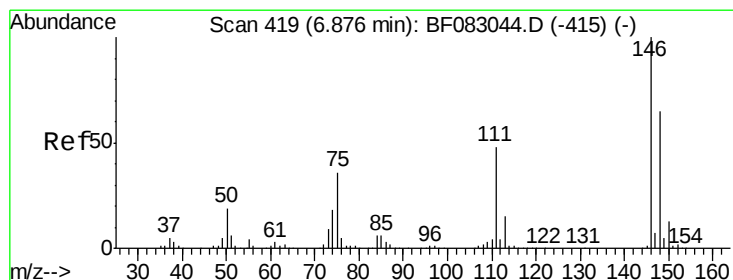
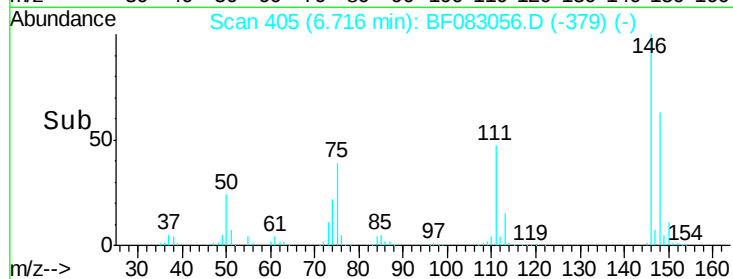
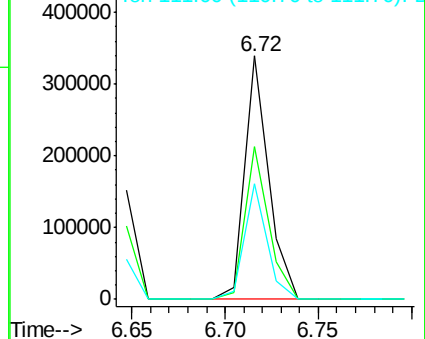
111 47.4 39.0 58.6



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: 33.29 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

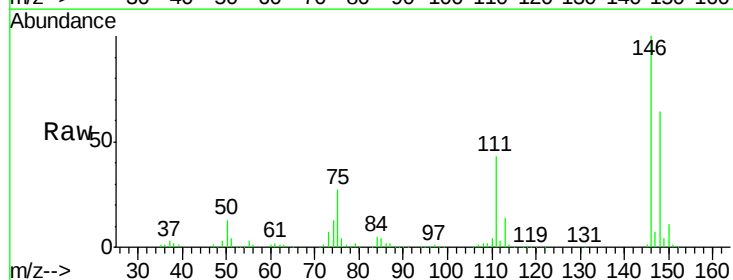
Tgt Ion:146 Resp: 296224

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.6

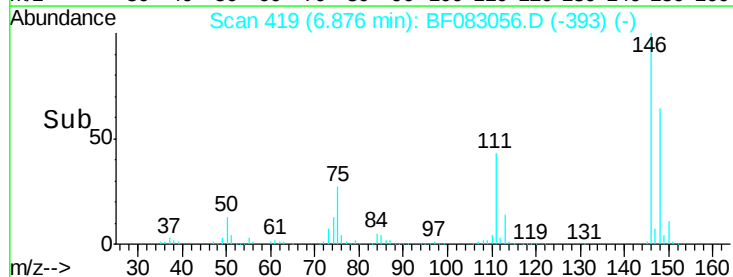
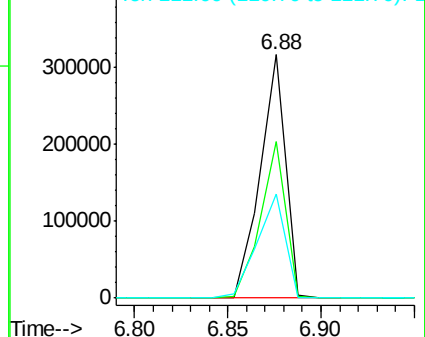
111 42.5 38.2 57.2

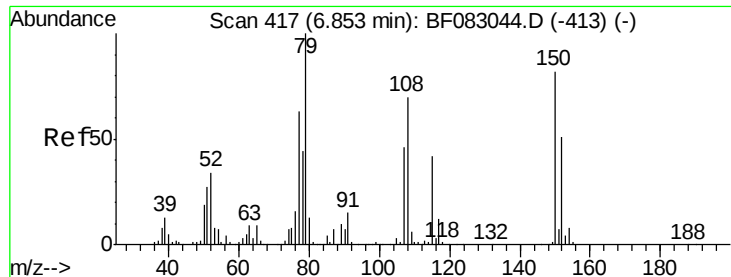


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.31 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

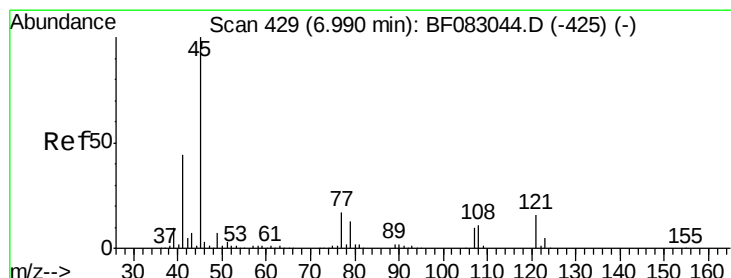
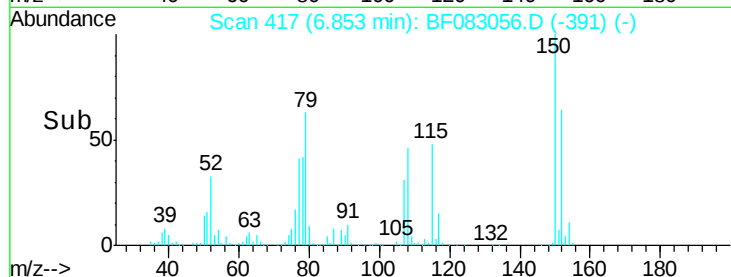
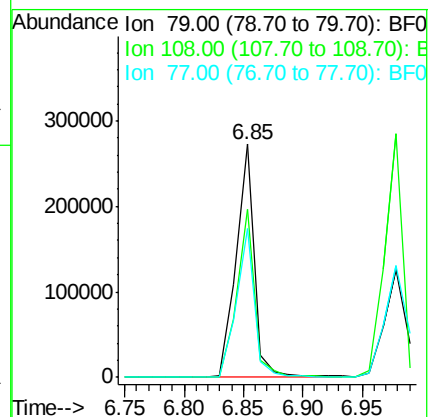
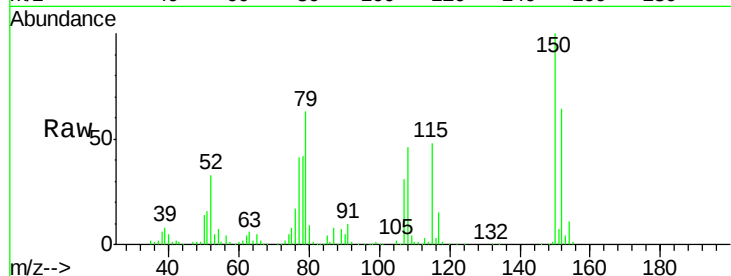
Tgt Ion: 79 Resp: 291336

Ion Ratio Lower Upper

79 100

108 72.3 55.7 83.5

77 64.0 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.78 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

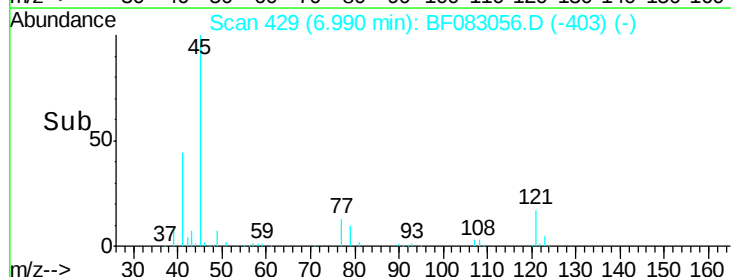
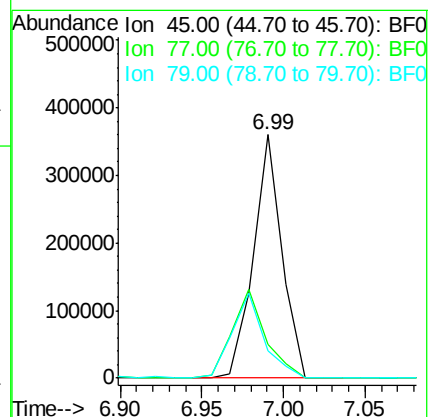
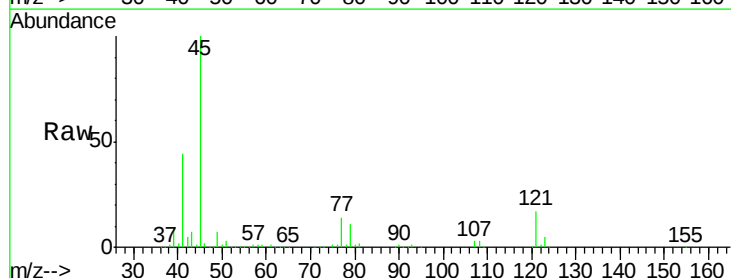
Tgt Ion: 45 Resp: 433912

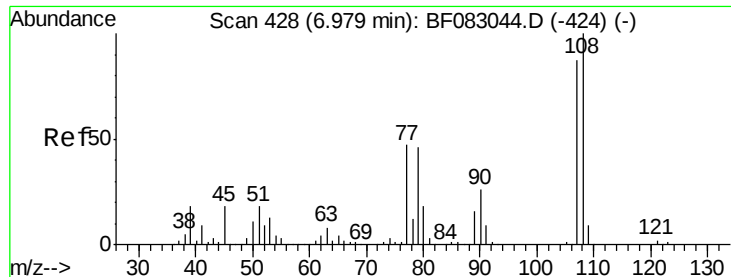
Ion Ratio Lower Upper

45 100

77 14.1 0.0 36.7

79 11.1 0.0 33.0

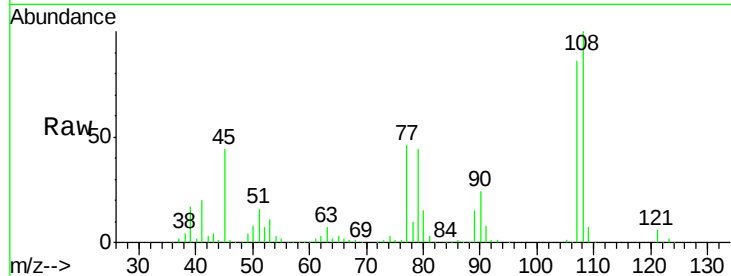




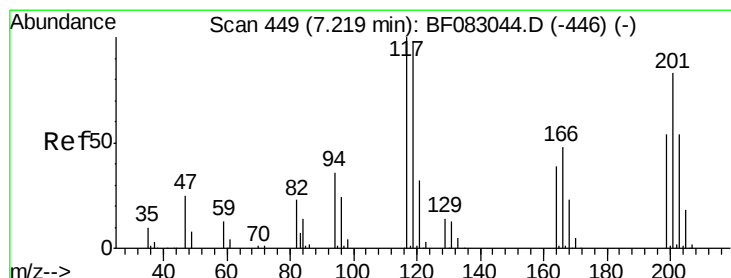
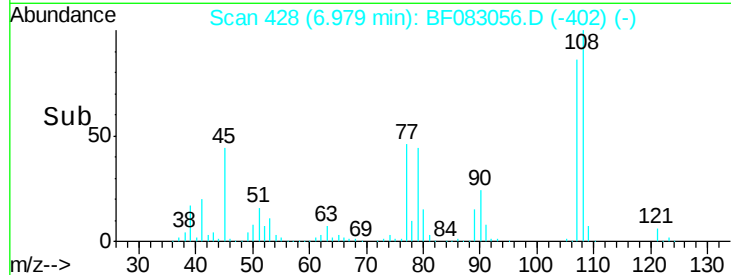
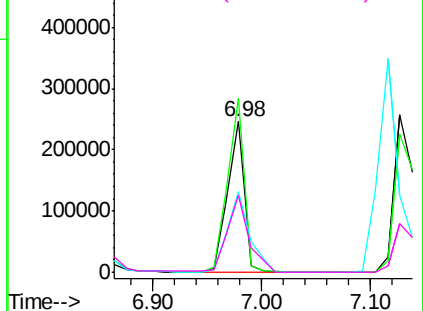
#17
 2-Methylphenol
 Concen: 36.56 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:107 Resp: 259259
 Ion Ratio Lower Upper
 107 100
 108 115.8 92.3 138.5
 77 53.2 43.9 65.9
 79 51.4 42.6 64.0

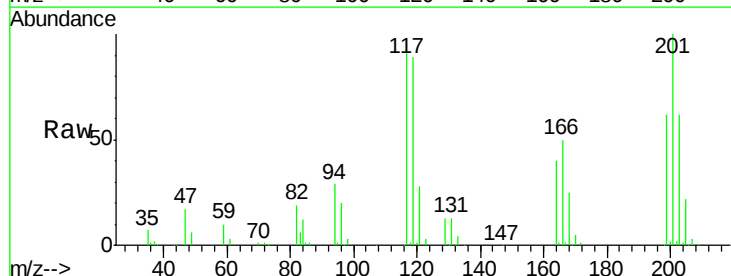


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

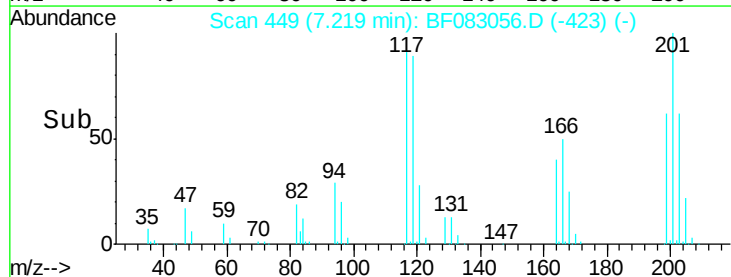
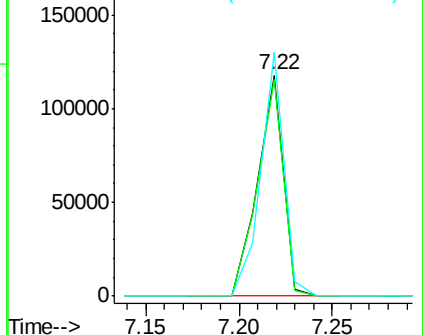


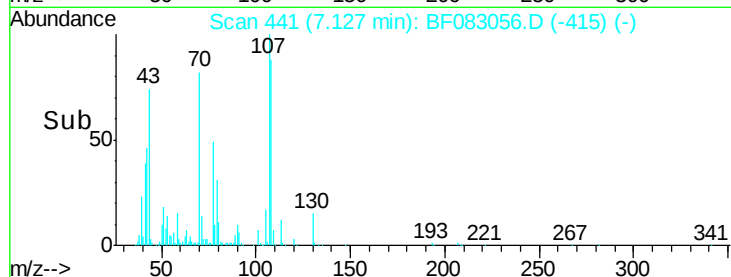
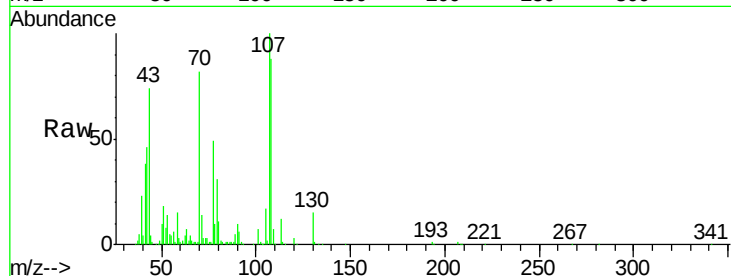
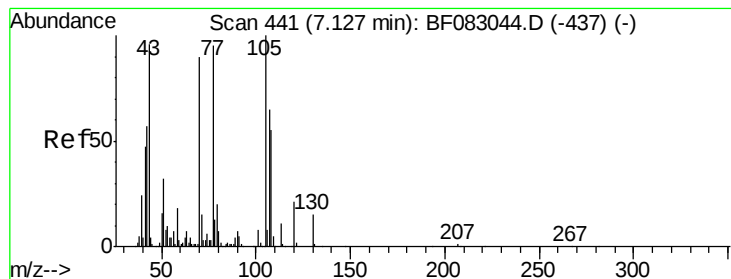
#18
 Hexachloroethane
 Concen: 32.12 ng
 RT: 7.22 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion:117 Resp: 113659
 Ion Ratio Lower Upper
 117 100
 119 98.0 78.3 117.5
 201 110.3 66.5 99.7#



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: 33.00 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 70 Resp: 241894

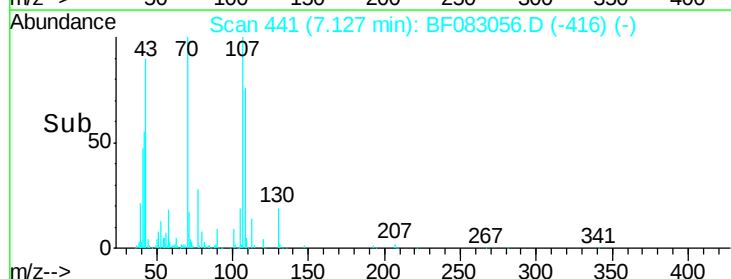
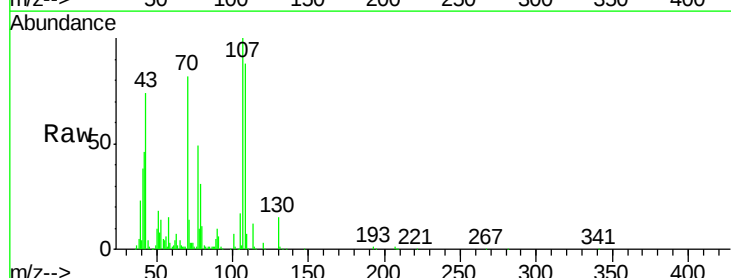
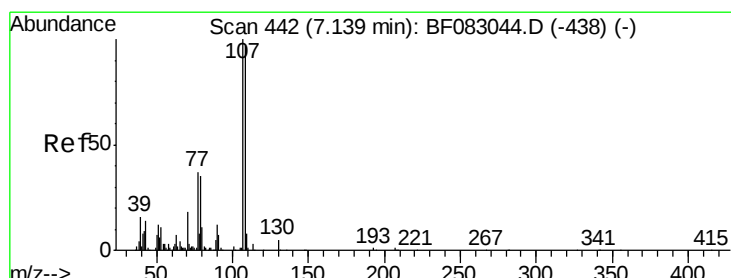
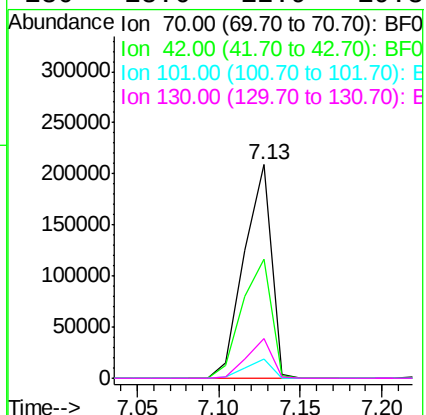
Ion Ratio Lower Upper

70 100

42 56.0 50.2 75.2

101 8.9 6.8 10.2

130 18.6 12.9 19.3



#20

3+4-Methylphenols

Concen: 34.09 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Tgt Ion: 107 Resp: 315144

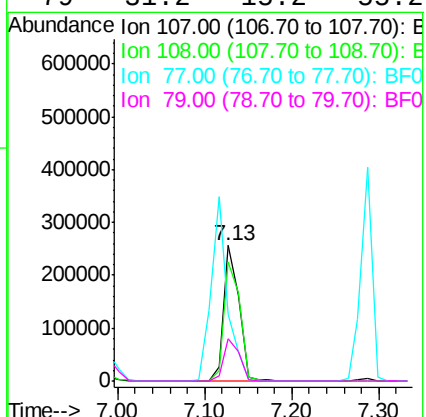
Ion Ratio Lower Upper

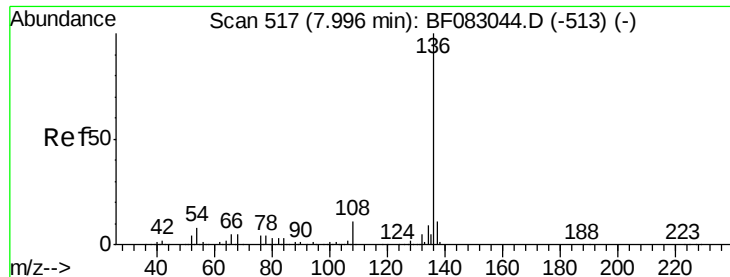
107 100

108 88.2 77.4 117.4

77 48.8 16.7 56.7

79 31.2 15.2 55.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 458291

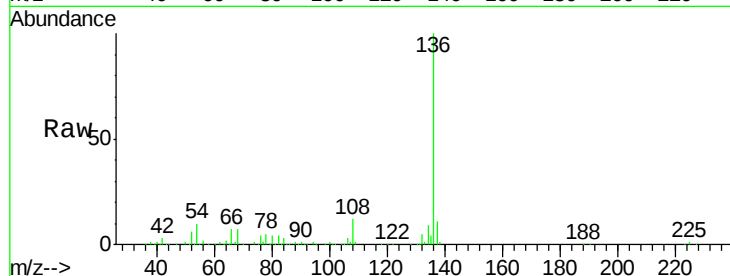
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 10.1 6.2 9.2#

68 6.5 4.2 6.2#

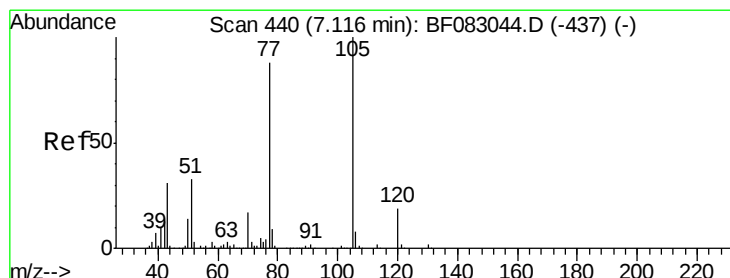
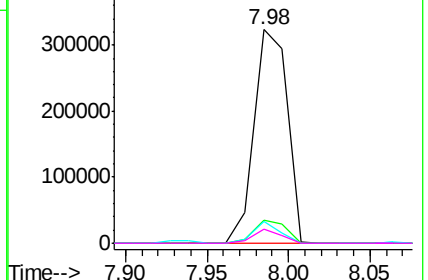
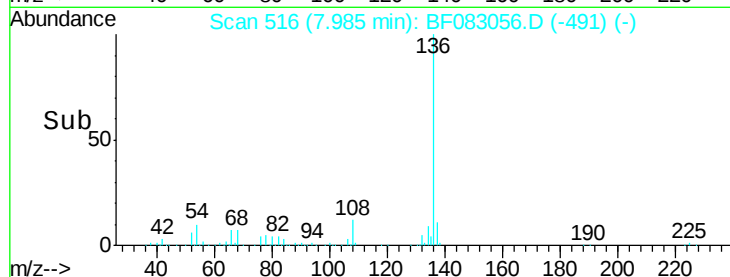


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 32.70 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Tgt Ion:105 Resp: 419789

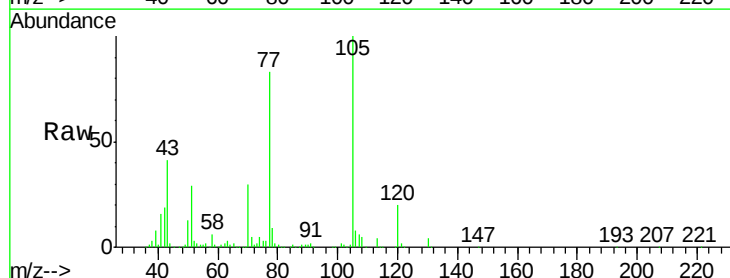
Ion Ratio Lower Upper

105 100

71 5.0 2.3 3.5#

51 29.1 26.1 39.1

120 20.0 15.3 22.9

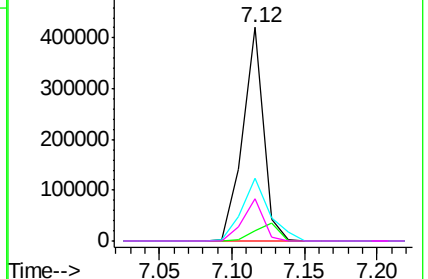
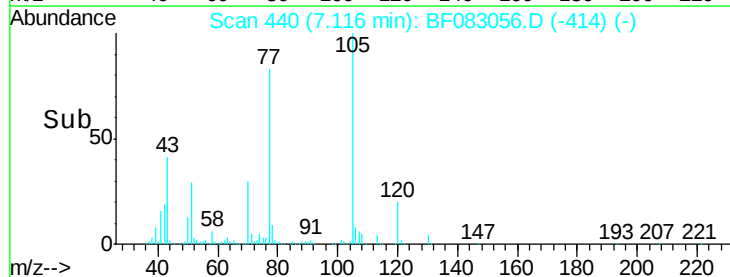


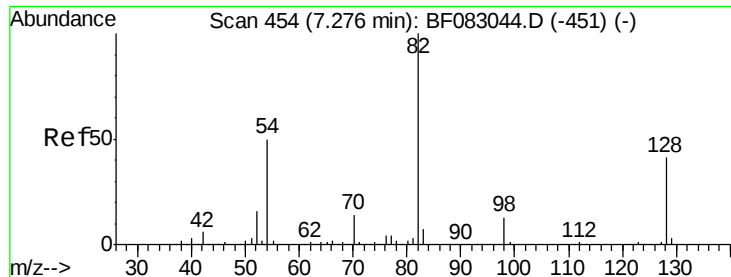
Abundance Ion 105.00 (104.70 to 105.70): E

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

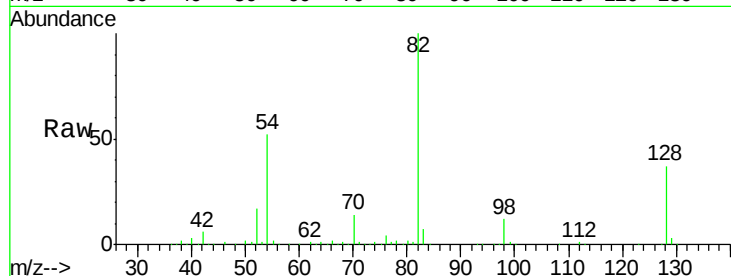




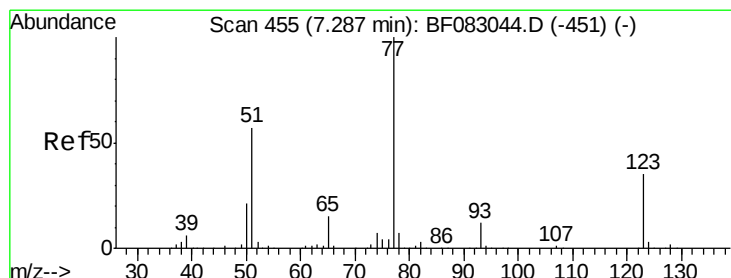
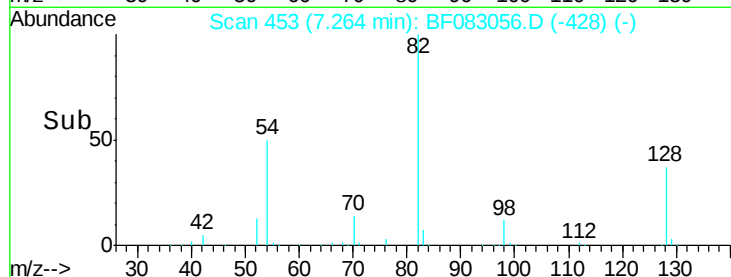
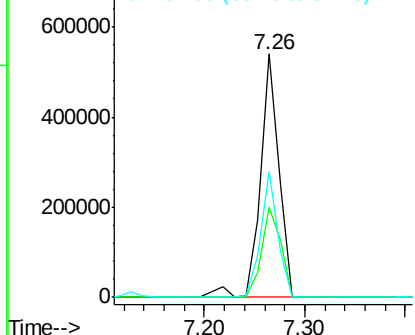
#23
 Nitrobenzene-d5
 Concen: 68.62 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.8	33.1	49.7
54	51.8	39.8	59.6

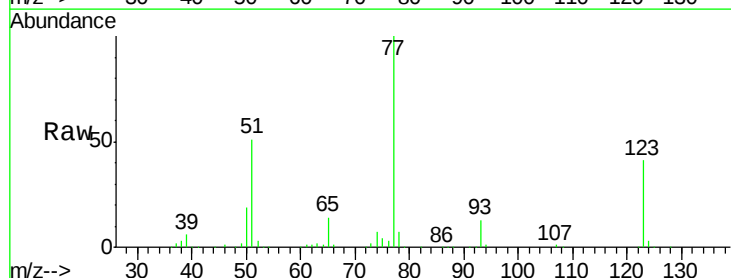


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

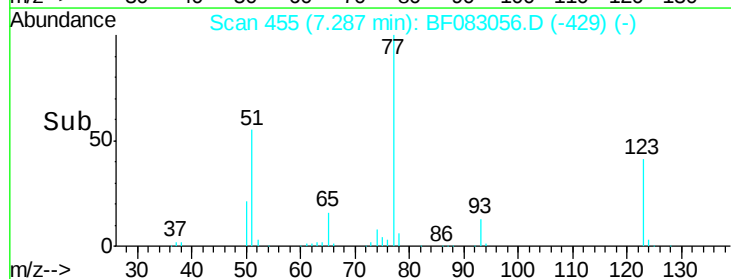
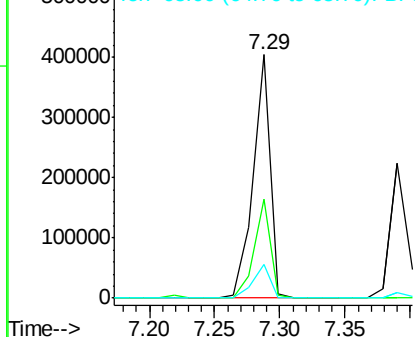


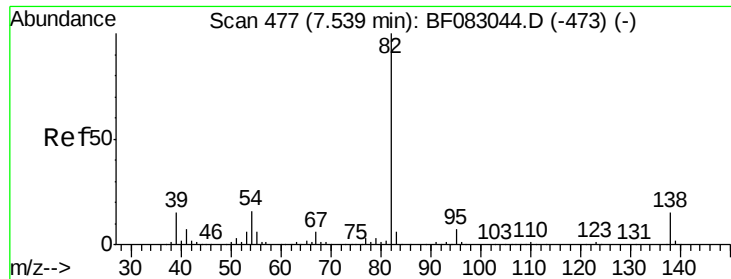
#24
 Nitrobenzene
 Concen: 36.36 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.5	28.2	42.4
65	14.1	11.8	17.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 31.47 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

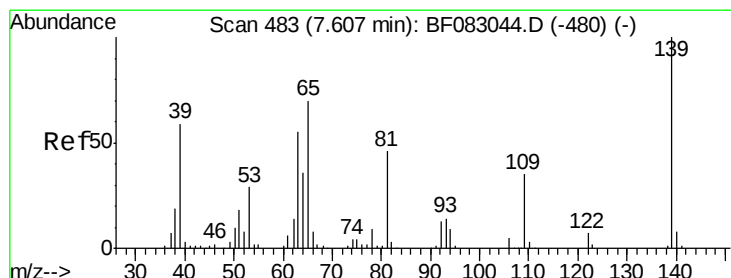
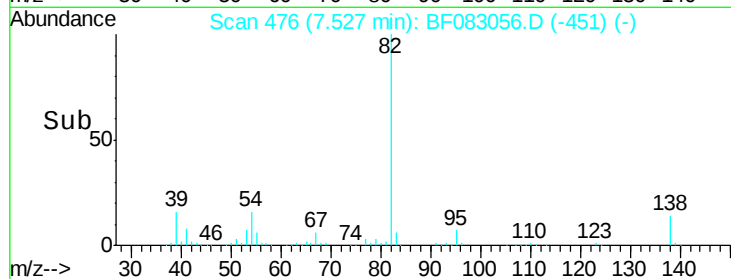
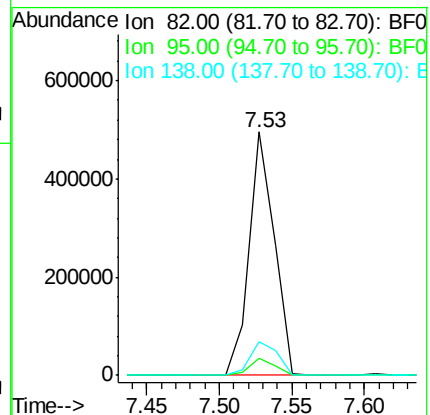
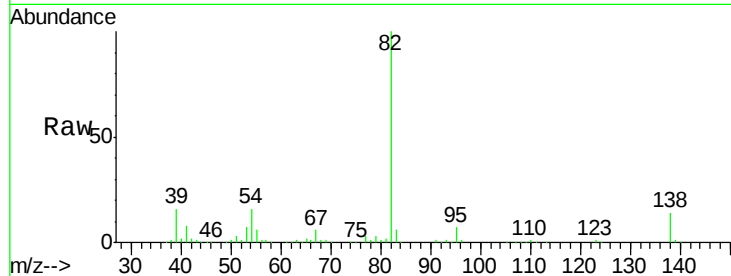
Tgt Ion: 82 Resp: 594154

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

138 13.8 12.2 18.4



#26

2-Nitrophenol

Concen: 34.37 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

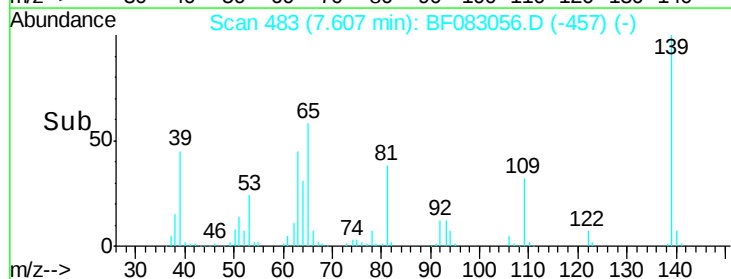
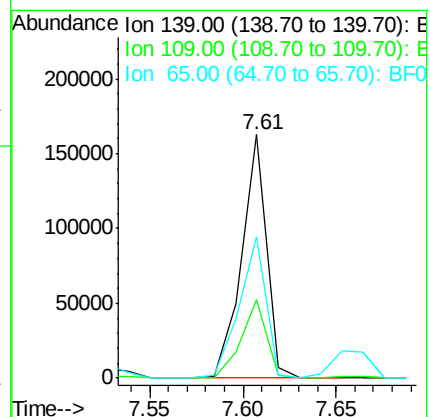
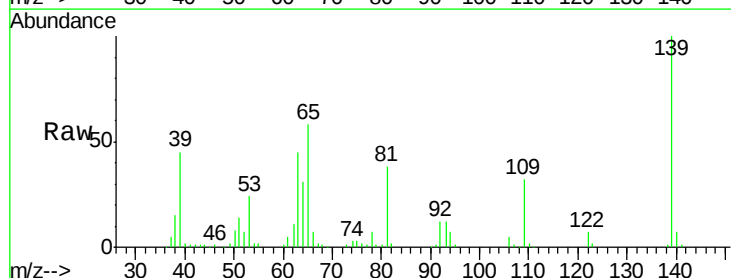
Tgt Ion: 139 Resp: 151810

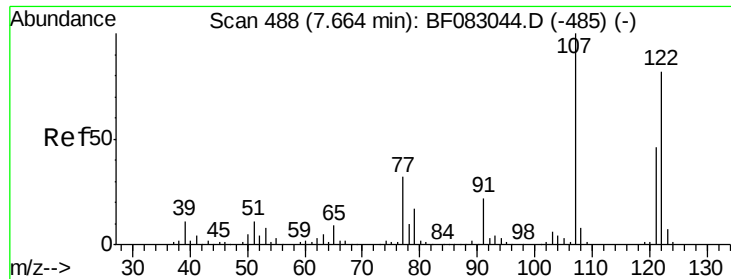
Ion Ratio Lower Upper

139 100

109 32.1 27.8 41.6

65 57.8 56.4 84.6

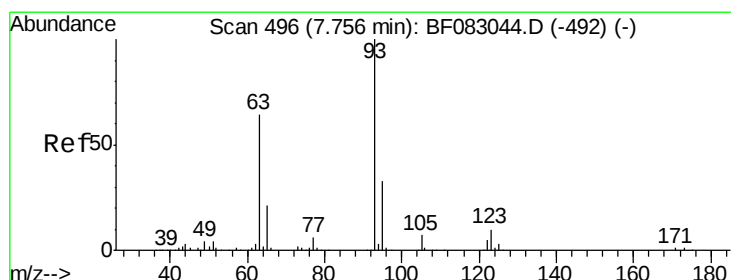
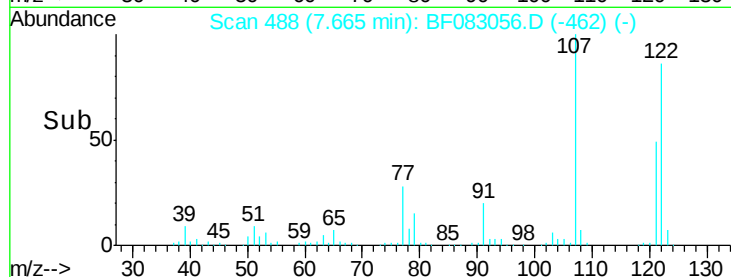
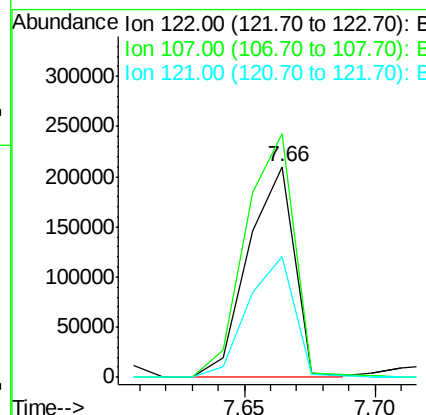
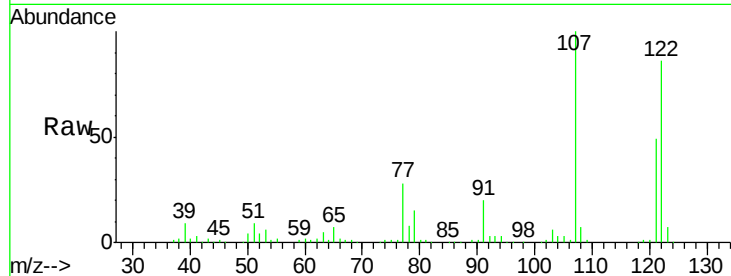




#27
 2,4-Dimethylphenol
 Concen: 35.90 ng
 RT: 7.66 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

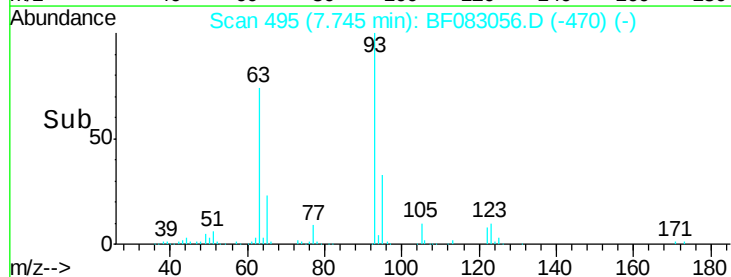
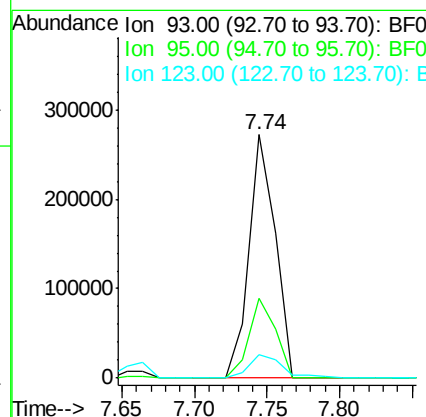
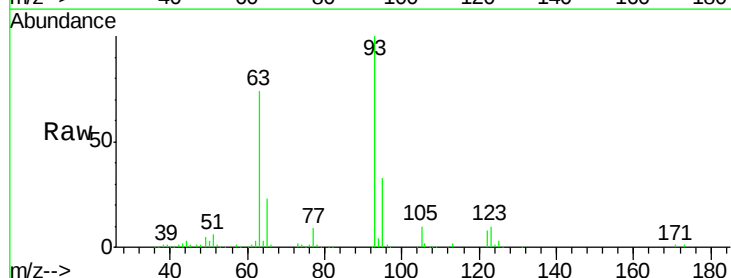
Instrument :
 BNA_F
 ClientSampled :

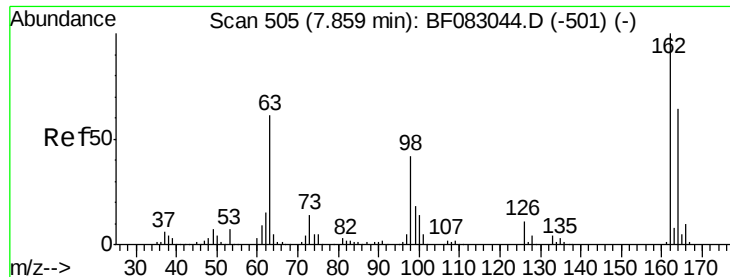
Tgt Ion: 122 Resp: 262011
 Ion Ratio Lower Upper
 122 100
 107 115.7 97.5 146.3
 121 57.3 45.3 67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.29 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion: 93 Resp: 341603
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.2 39.2
 123 9.5 8.5 12.7

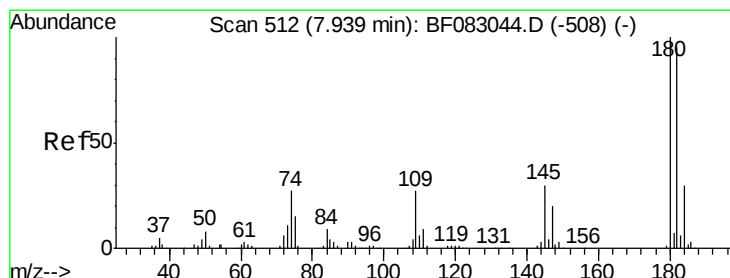
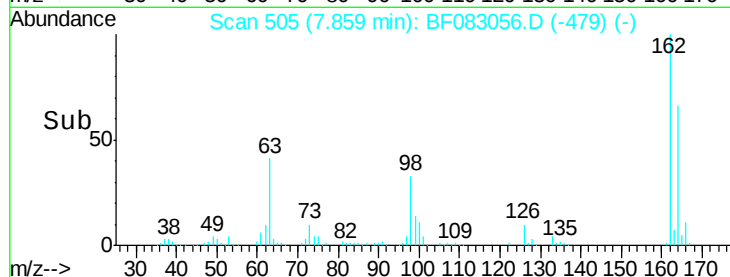
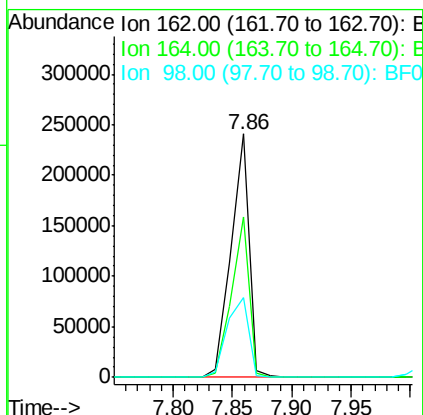
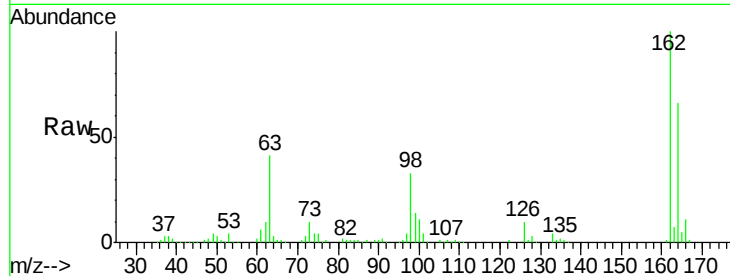




#29
 2,4-Dichlorophenol
 Concen: 36.09 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

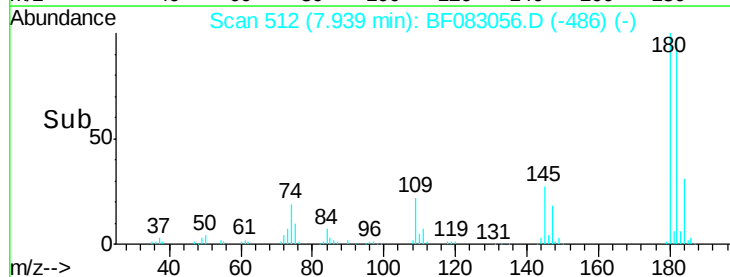
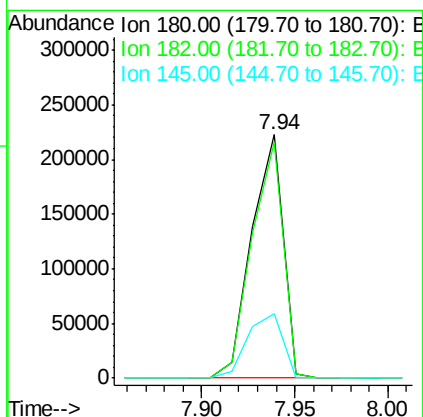
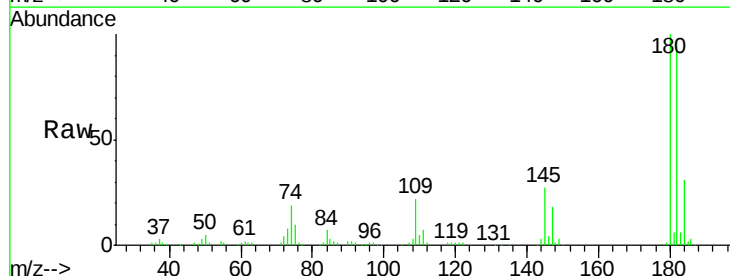
Instrument :
 BNA_F
 ClientSampleId :

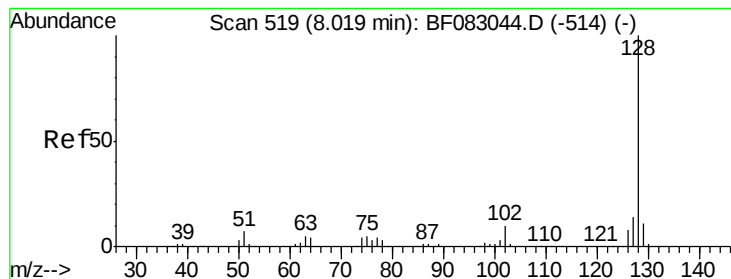
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	44.1	84.1
98	32.8	21.6	61.6



#30
 1,2,4-Trichlorobenzene
 Concen: 33.21 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.2	114.4
145	26.6	24.0	36.0





#31

Naphthalene

Concen: 32.56 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

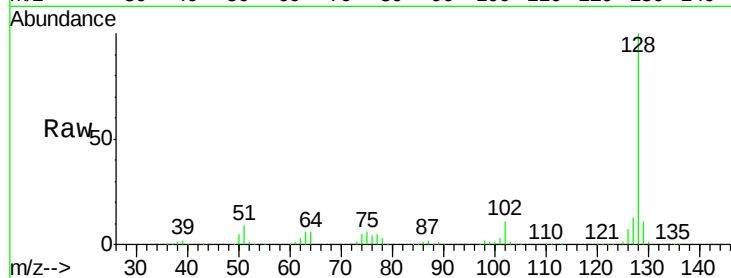
Tgt Ion:128 Resp: 777579

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

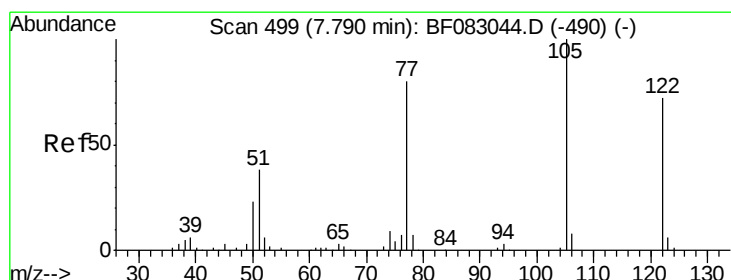
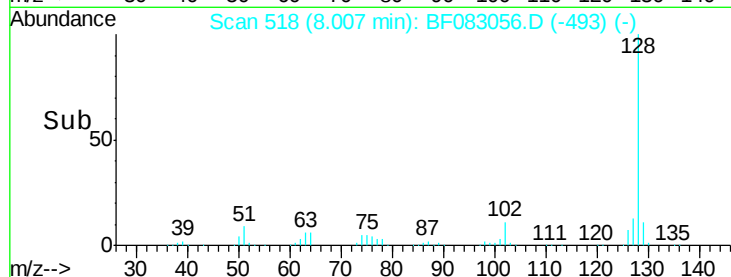
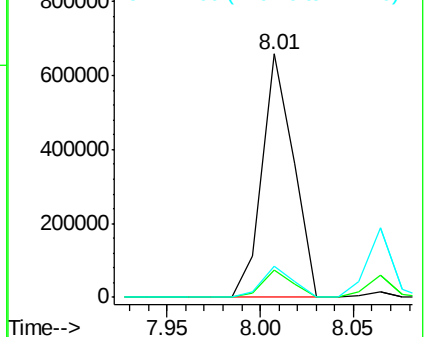
127 13.1 10.9 16.3



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: 30.71 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

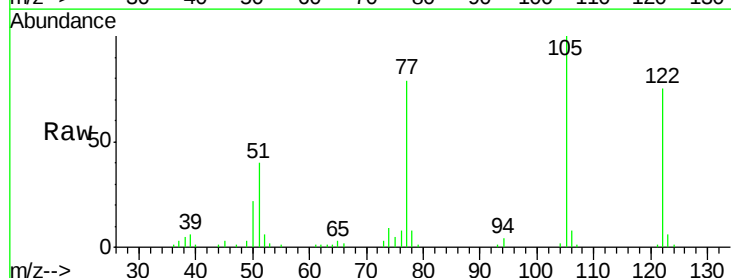
Tgt Ion:122 Resp: 136310

Ion Ratio Lower Upper

122 100

105 132.7 115.0 155.0

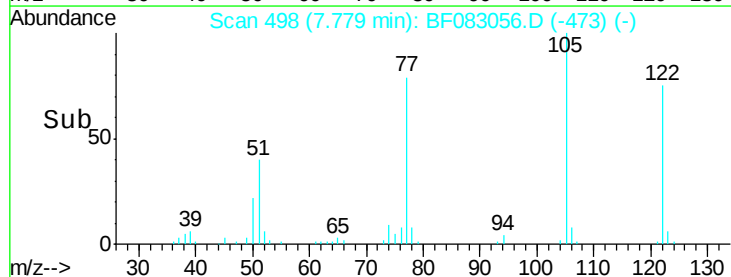
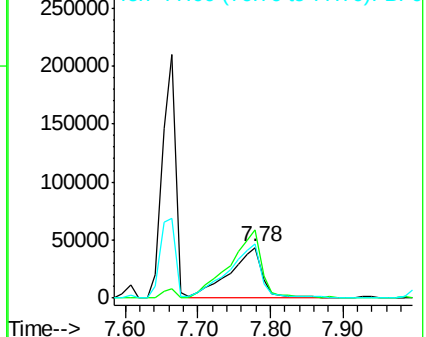
77 105.5 89.0 129.0

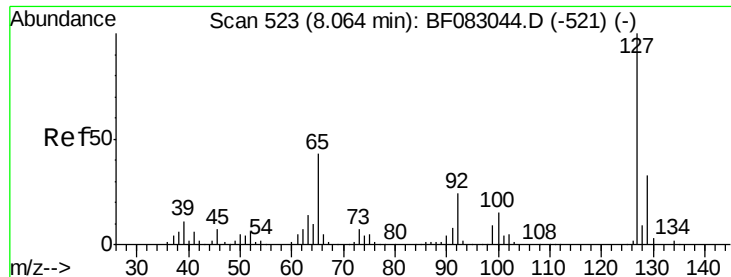


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

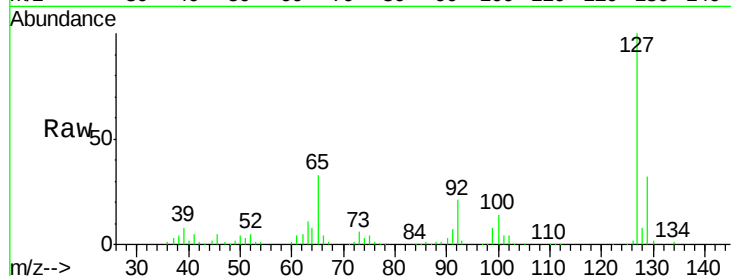




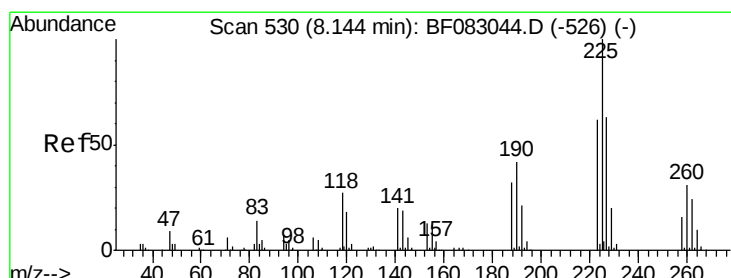
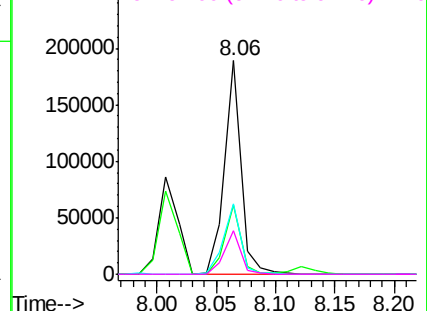
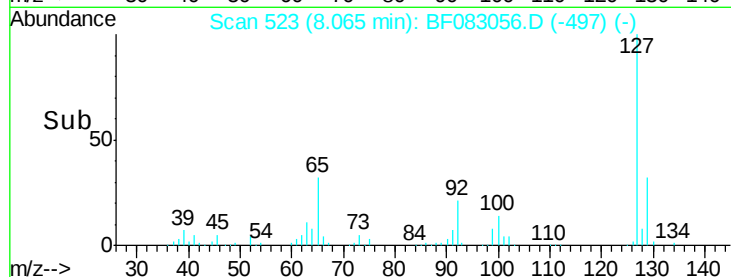
#33
4-Chloroaniline
Concen: 17.53 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF083056.D
Acq: 20 Nov 2015 1:33

Instrument :
BNA_F
ClientSampled :

Tgt Ion:	127	Resp:	182116
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	32.7	34.4	51.6#
92	20.6	19.5	29.3

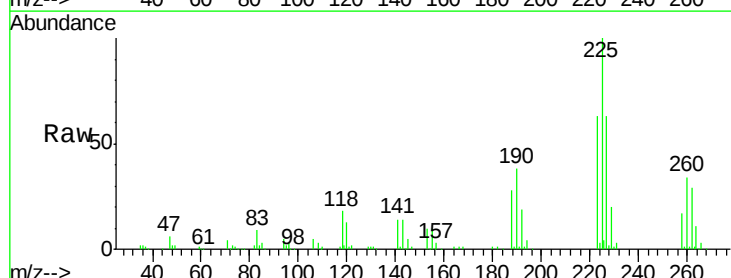


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

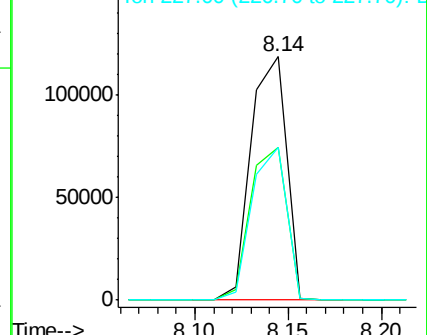
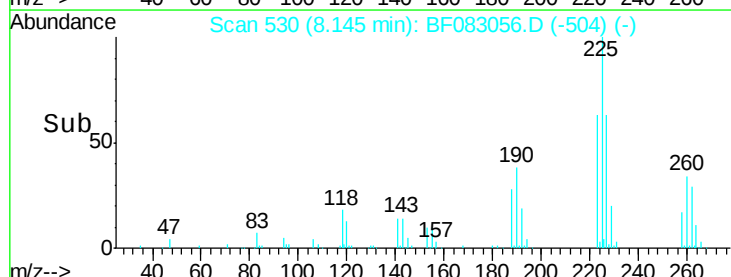


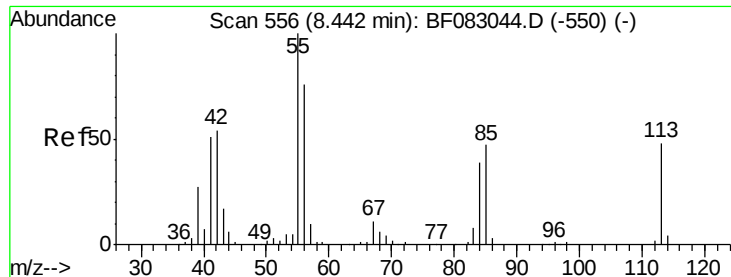
#34
Hexachlorobutadiene
Concen: 31.96 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF083056.D
Acq: 20 Nov 2015 1:33

Tgt Ion:	225	Resp:	156496
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.6
227	62.8	50.6	76.0



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





#35

Caprolactam

Concen: 28.02 ng

RT: 8.43 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

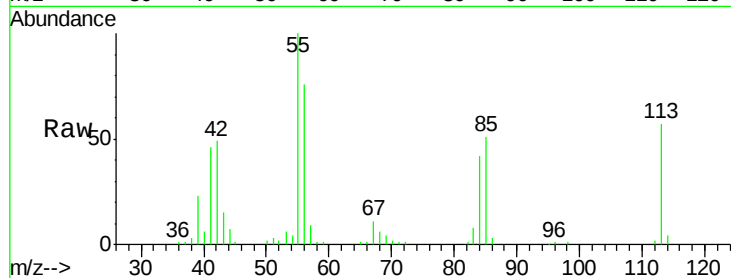
Tgt Ion:113 Resp: 63007

Ion Ratio Lower Upper

113 100

55 175.0 189.1 229.1#

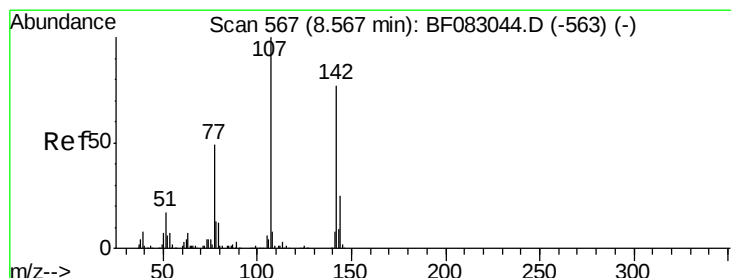
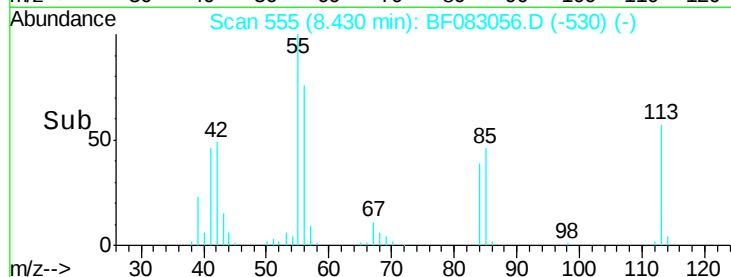
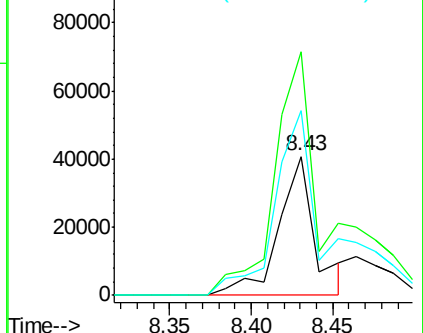
56 132.8 137.9 177.9#



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: 33.65 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

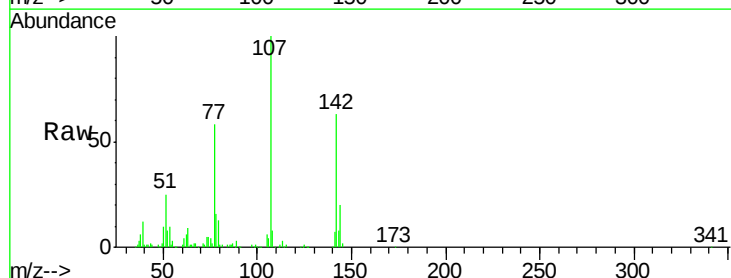
Tgt Ion:107 Resp: 275199

Ion Ratio Lower Upper

107 100

144 19.6 20.0 30.0#

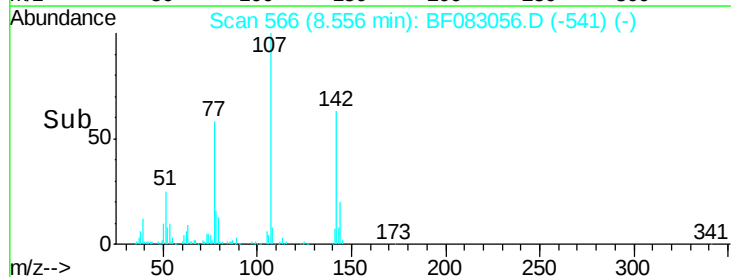
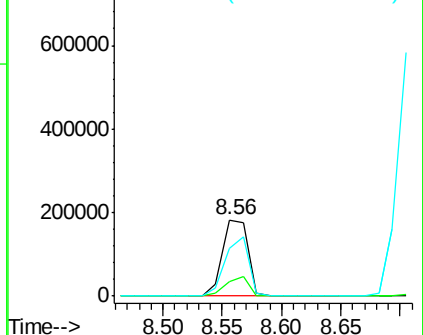
142 63.1 61.3 91.9

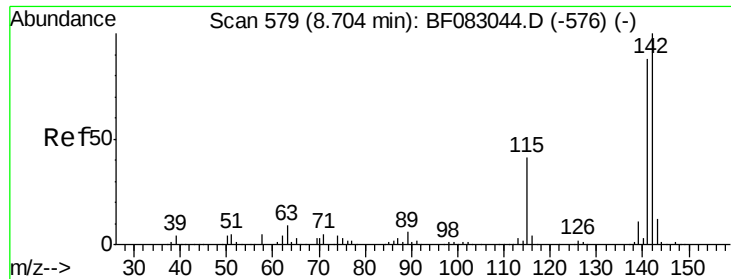


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

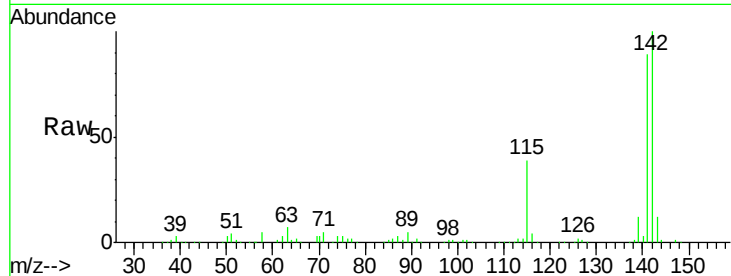




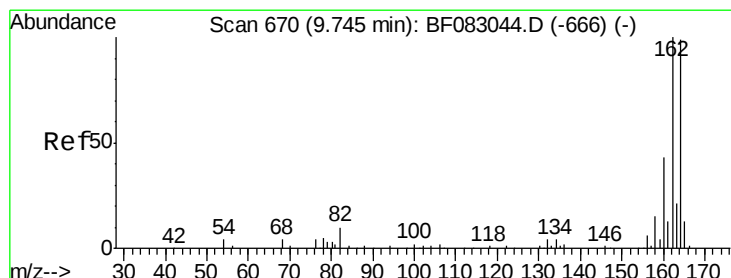
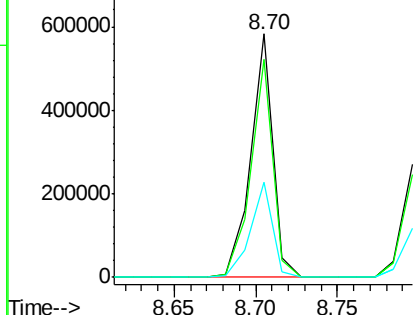
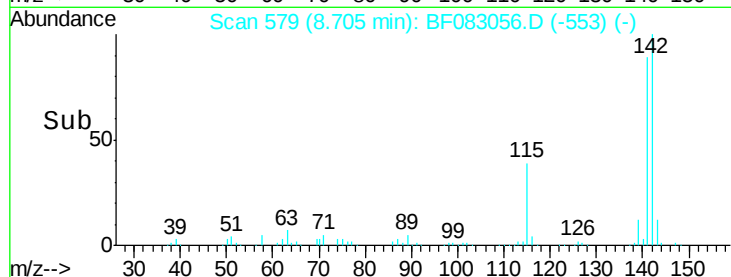
#37
 2-Methylnaphthalene
 Concen: 34.44 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.7	106.1
115	38.8	33.1	49.7

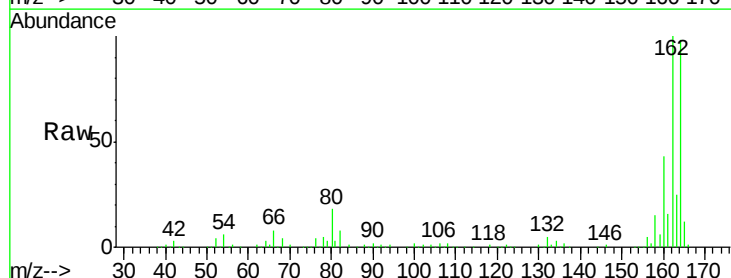


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

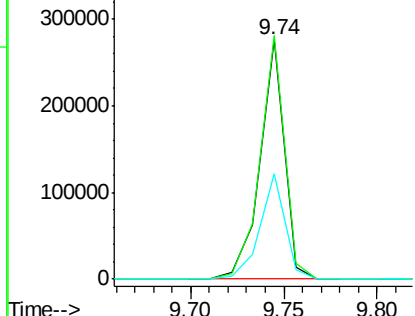
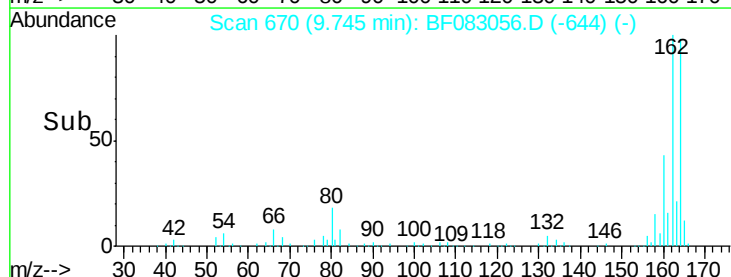


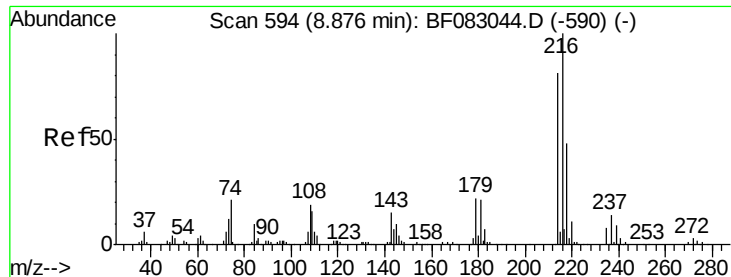
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.5	120.7
160	43.7	35.0	52.4



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: 32.36 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF083056.D

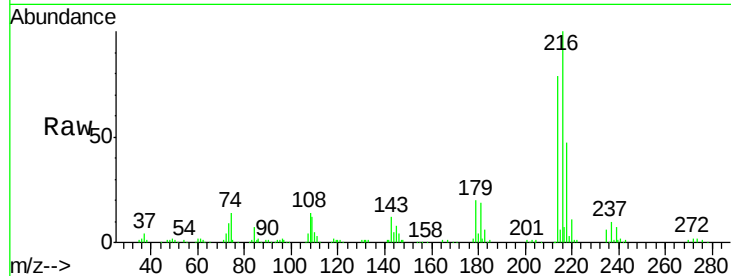
Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	216	Resp:	264388
Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.6	97.0
179	21.2	17.8	26.6
108	20.3	16.8	25.2

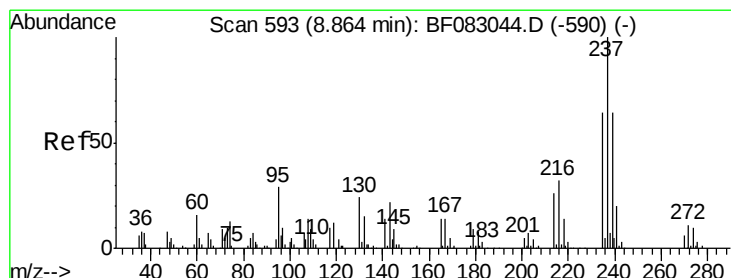
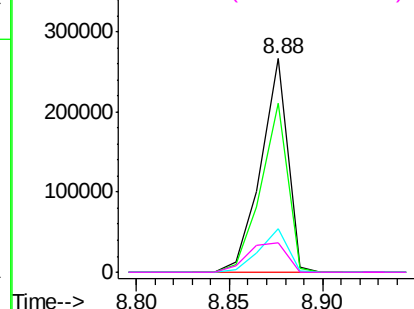
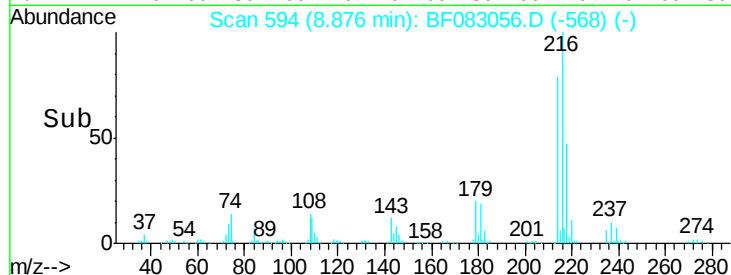


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 68.73 ng

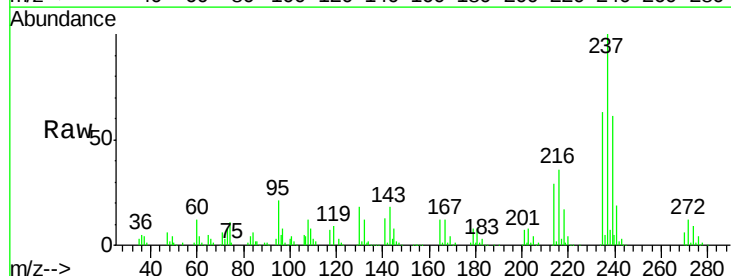
RT: 8.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

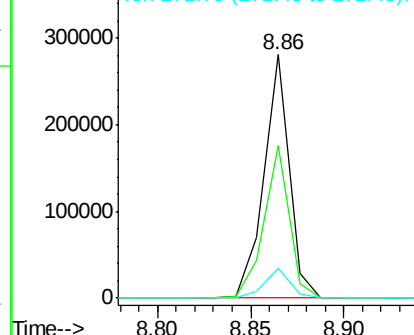
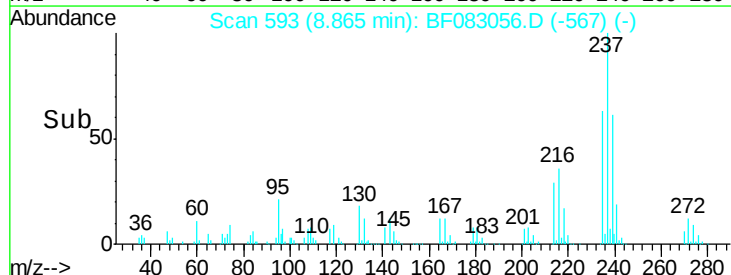
Tgt Ion:	237	Resp:	261685
Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.1	84.1
272	12.4	0.0	30.9

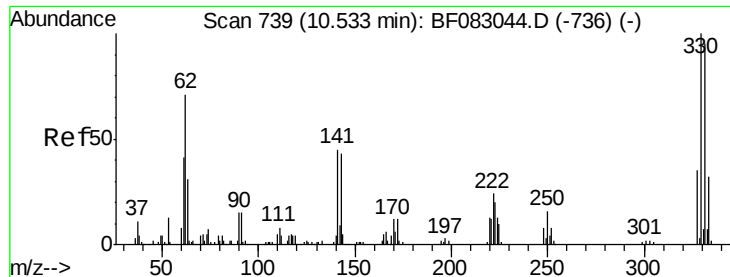


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

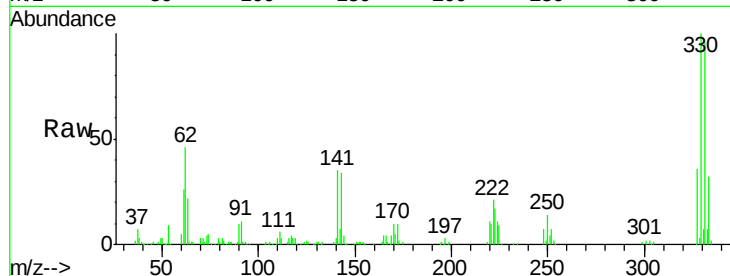




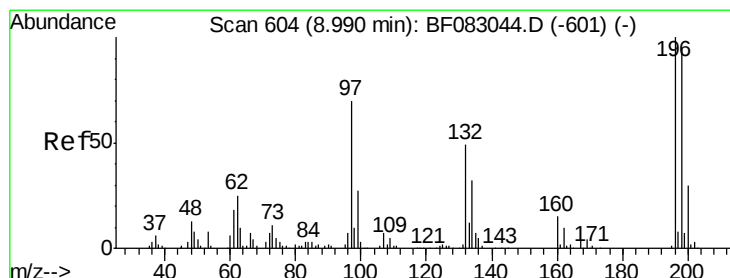
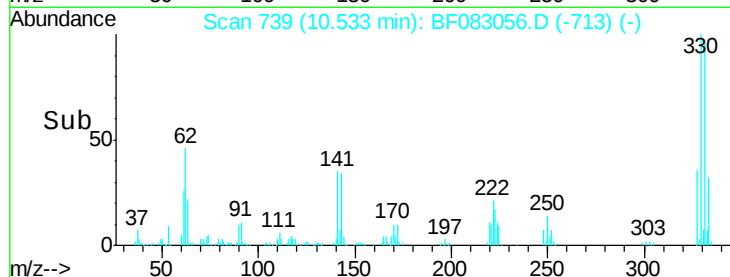
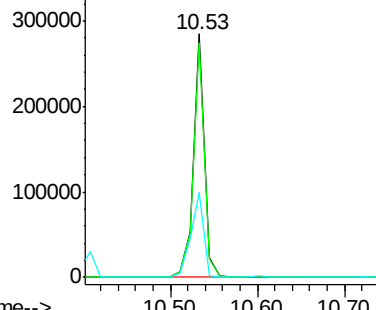
#41
 2,4,6-Tribromophenol
 Concen: 97.25 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 255829
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.6 116.4
 141 40.7 34.6 52.0

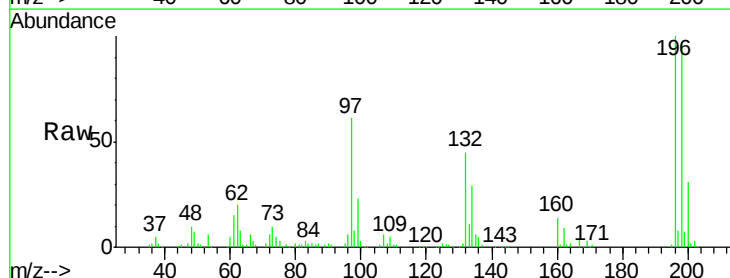


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

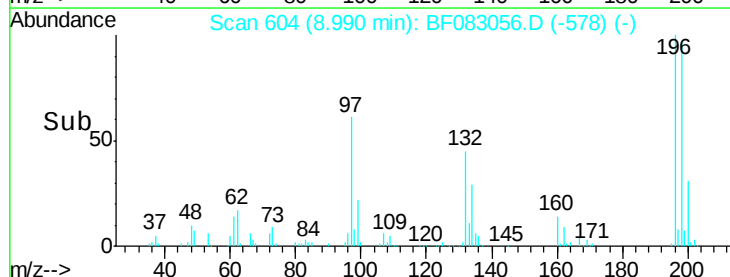
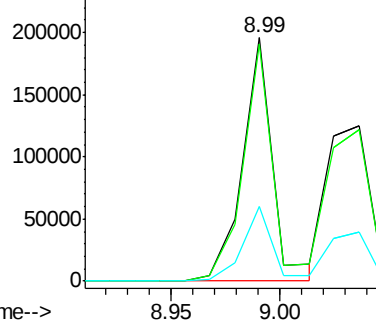


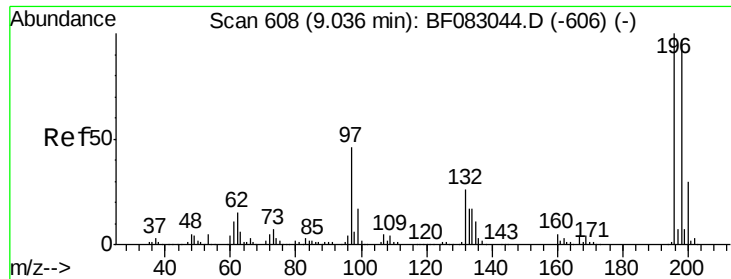
#42
 2,4,6-Trichlorophenol
 Concen: 31.94 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion:196 Resp: 189339
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.9 113.9
 200 30.6 24.0 36.0



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

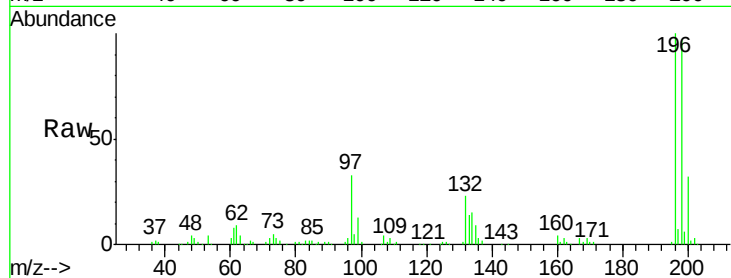




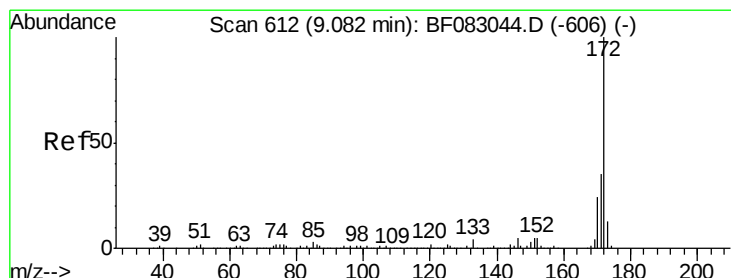
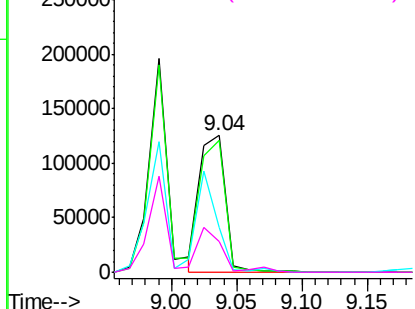
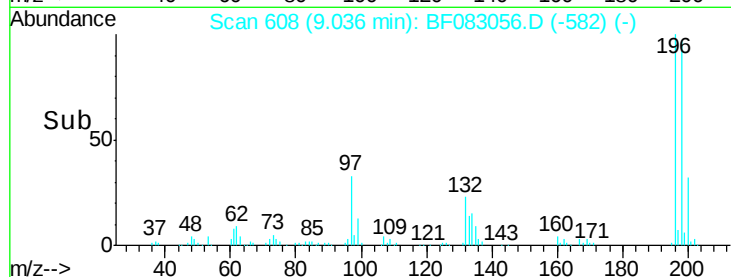
#43
 2,4,5-Trichlorophenol
 Concen: 29.40 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:196 Resp: 173803
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.8 116.6
 97 33.0 37.1 55.7#
 132 22.8 21.0 31.4

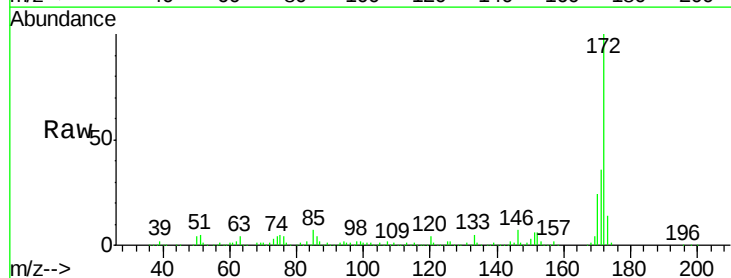


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

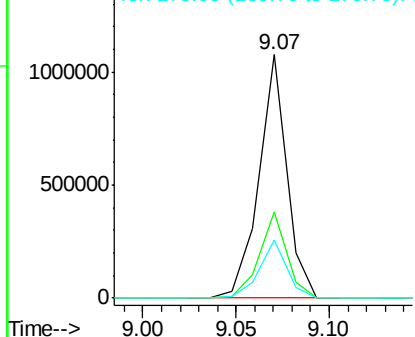
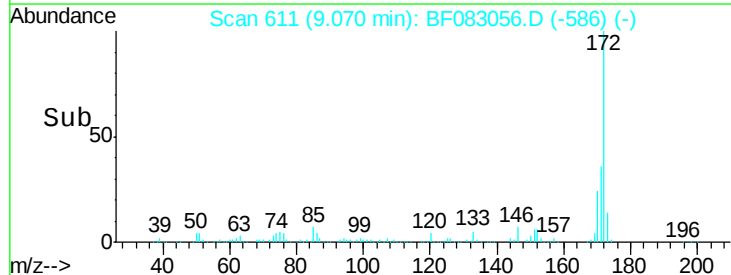


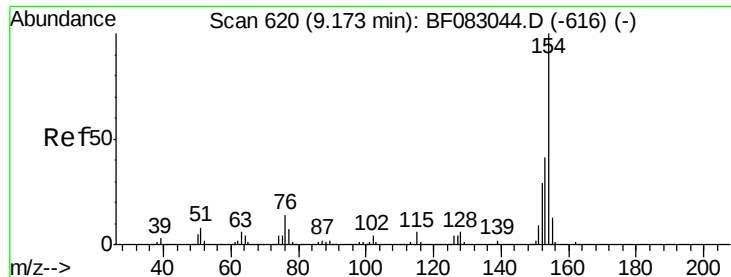
#44
 2-Fluorobiphenyl
 Concen: 60.07 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion:172 Resp: 1105215
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.4
 170 23.8 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

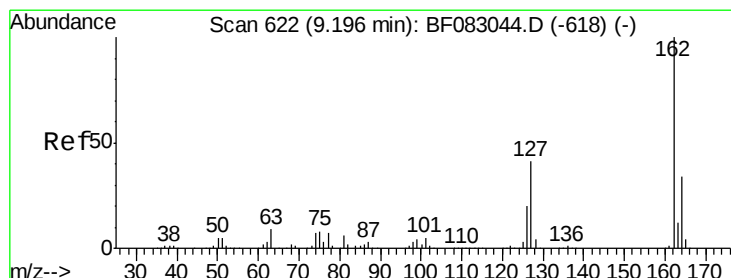
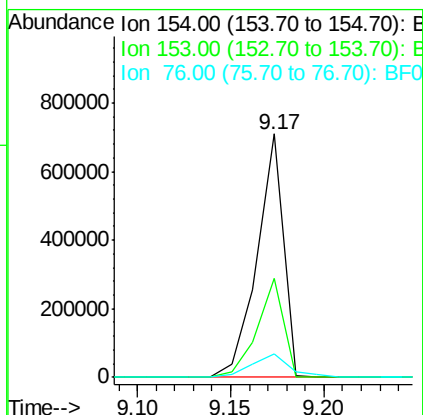
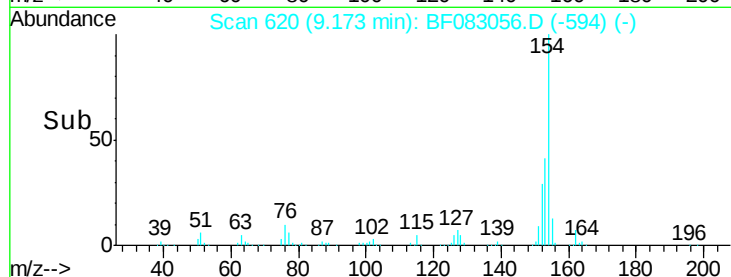
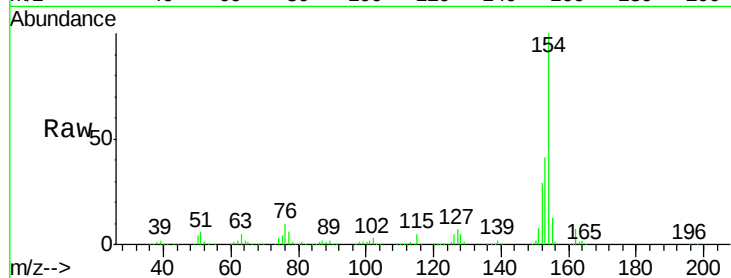




#45
 1,1'-Biphenyl
 Concen: 31.78 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

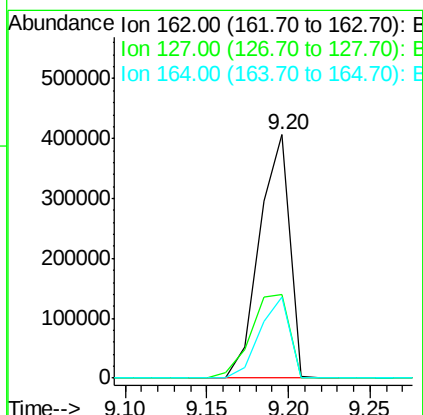
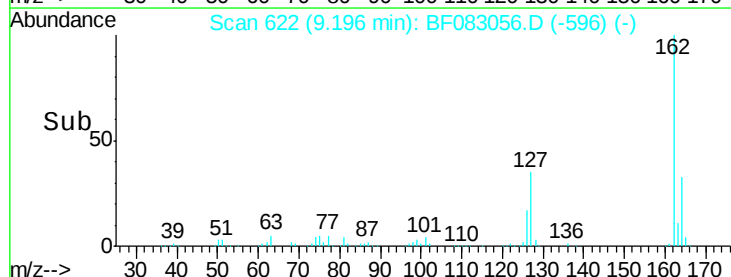
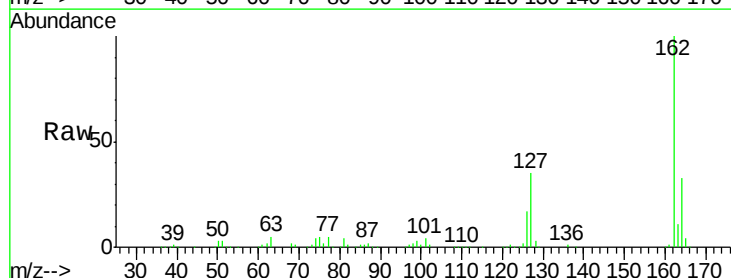
Instrument :
 BNA_F
 ClientSampleId :

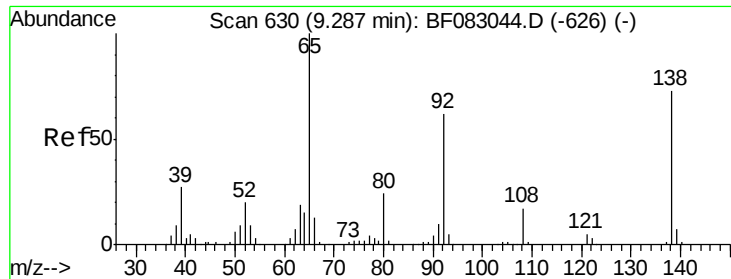
Tgt Ion:154 Resp: 692722
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.7 60.7
 76 9.8 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 31.29 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion:162 Resp: 519016
 Ion Ratio Lower Upper
 162 100
 127 34.5 32.8 49.2
 164 33.1 26.9 40.3





#47

2-Nitroaniline

Concen: 29.52 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

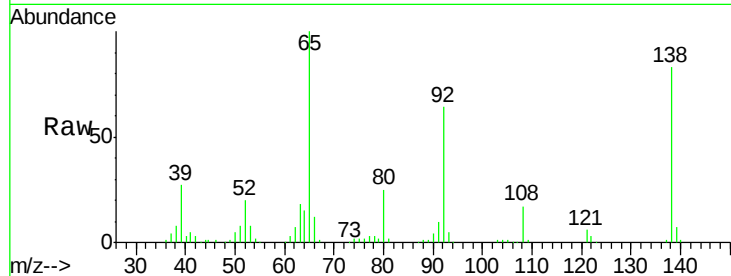
Tgt Ion: 65 Resp: 184668

Ion Ratio Lower Upper

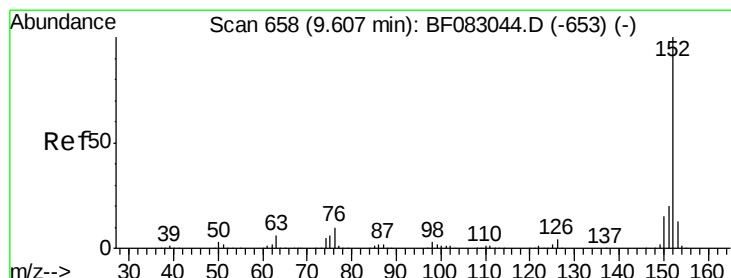
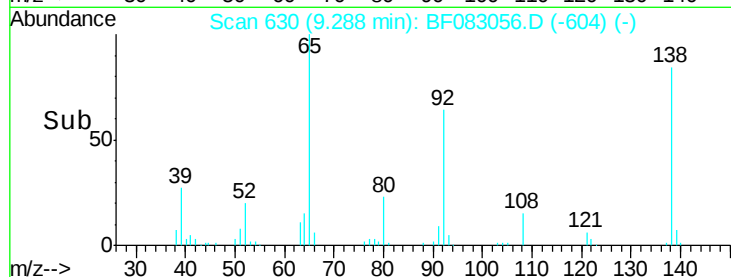
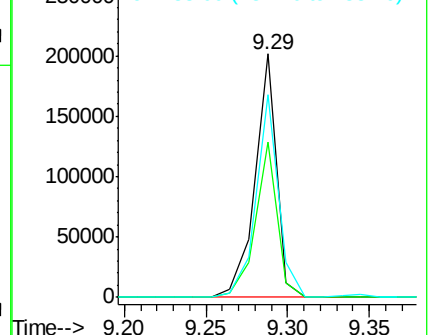
65 100

92 63.7 49.6 74.4

138 83.0 58.8 88.2



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



#48

Acenaphthylene

Concen: 31.76 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

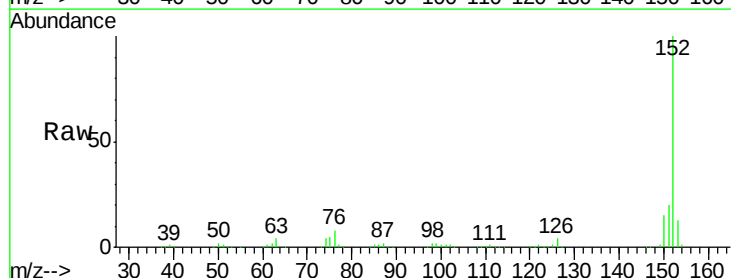
Tgt Ion: 152 Resp: 867085

Ion Ratio Lower Upper

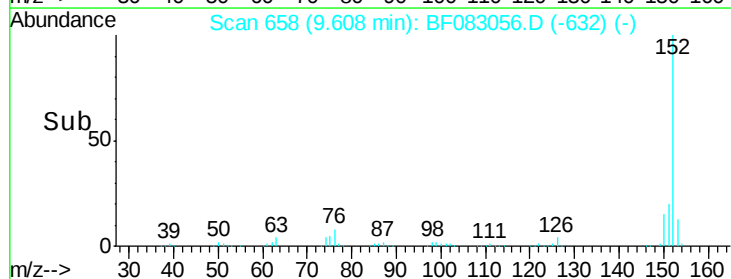
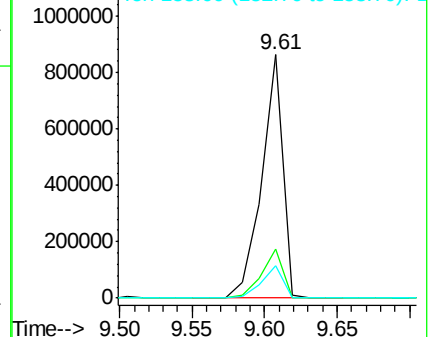
152 100

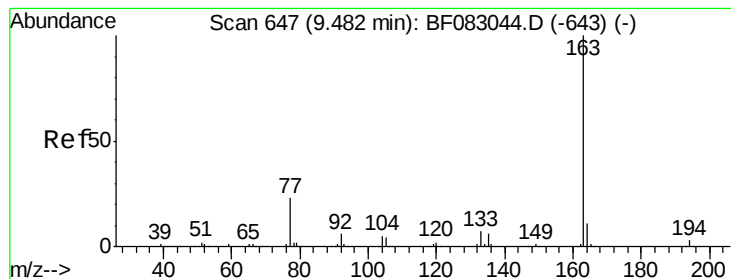
151 20.3 16.2 24.2

153 13.4 10.6 15.8



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





#49

Dimethylphthalate

Concen: 31.98 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

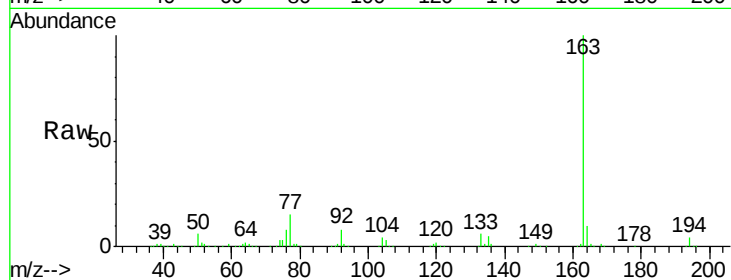
Tgt Ion:163 Resp: 652139

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

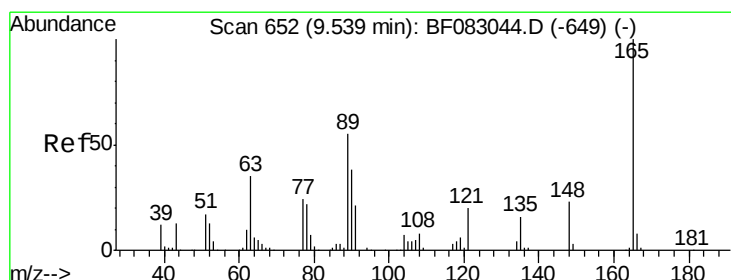
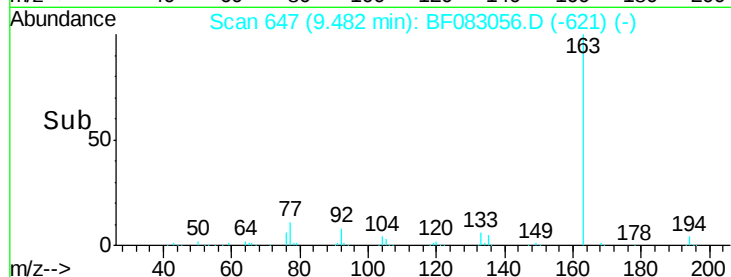
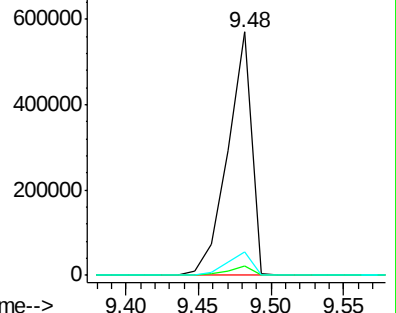
164 9.6 8.5 12.7



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: 31.51 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

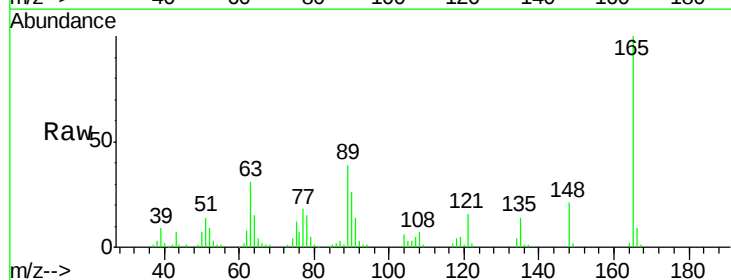
Tgt Ion:165 Resp: 138511

Ion Ratio Lower Upper

165 100

63 31.2 40.6 61.0#

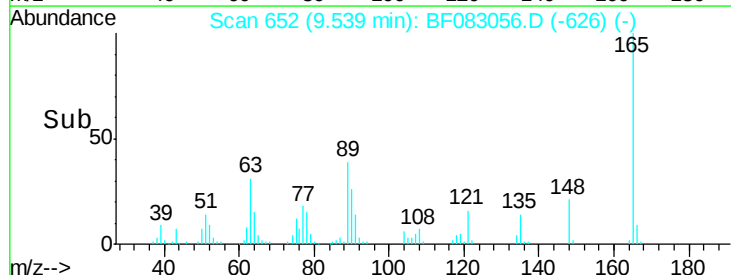
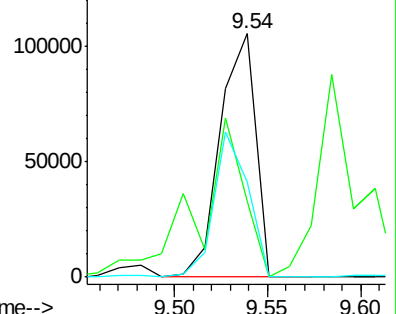
89 38.9 44.5 66.7#

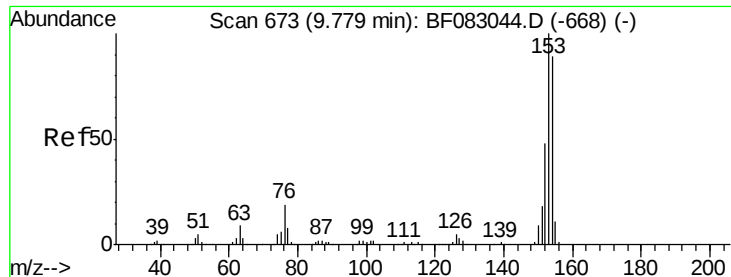


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.99 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

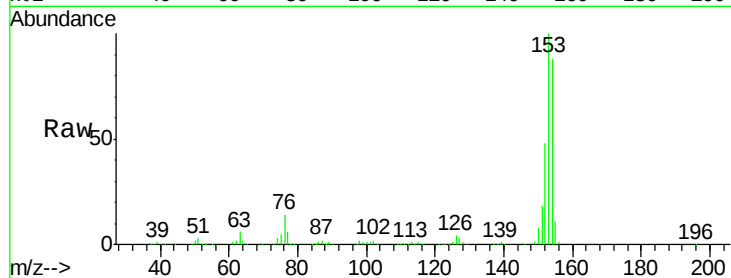
Tgt Ion:154 Resp: 603635

Ion Ratio Lower Upper

154 100

153 113.4 90.1 135.1

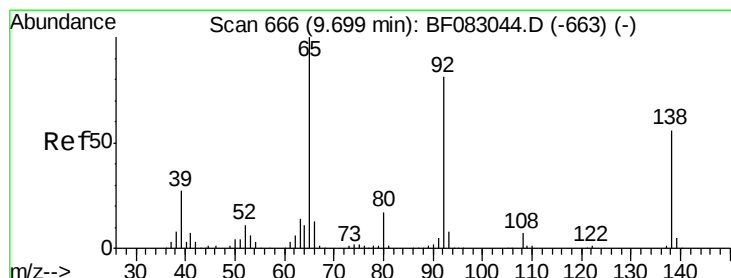
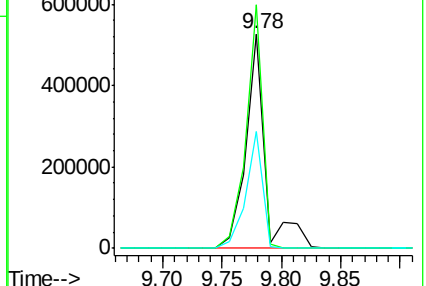
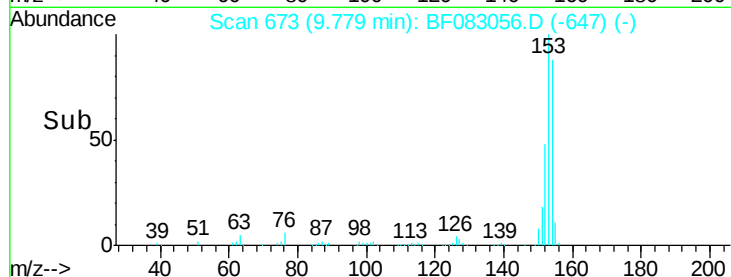
152 54.5 43.3 64.9



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: 18.21 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

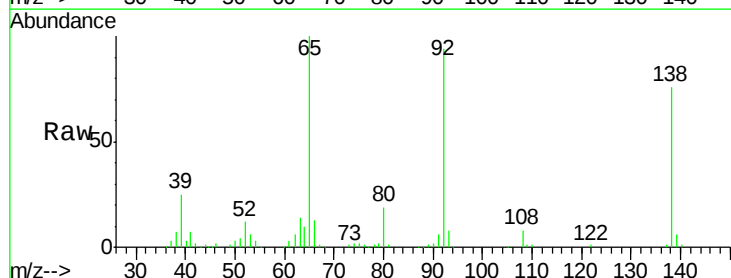
Tgt Ion:138 Resp: 91303

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

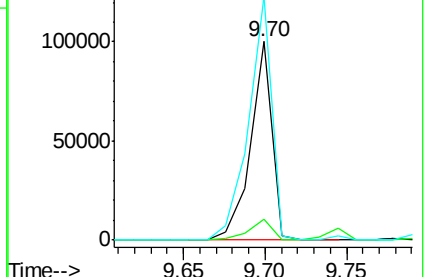
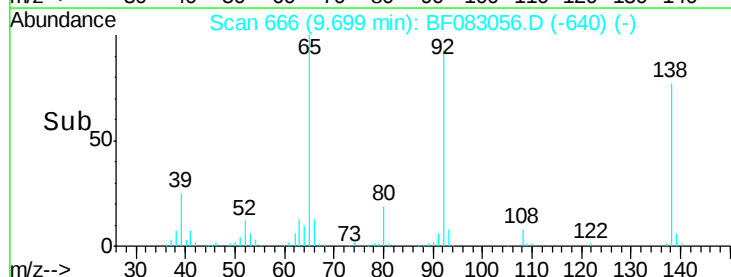
92 122.5 115.2 172.8

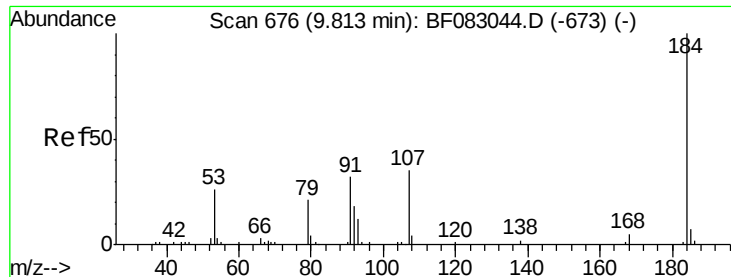


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

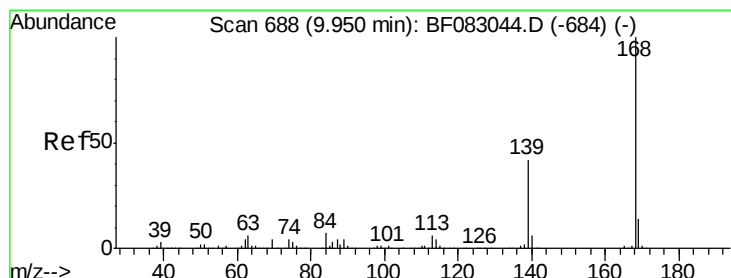
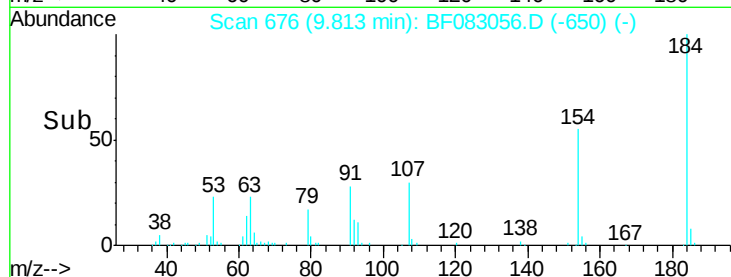
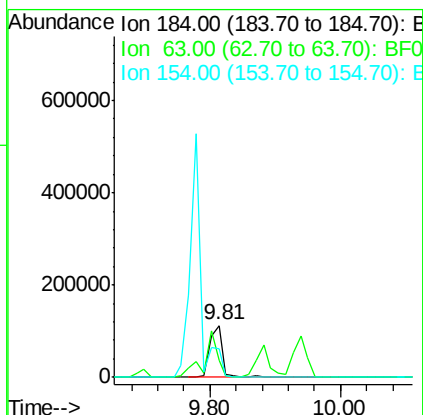
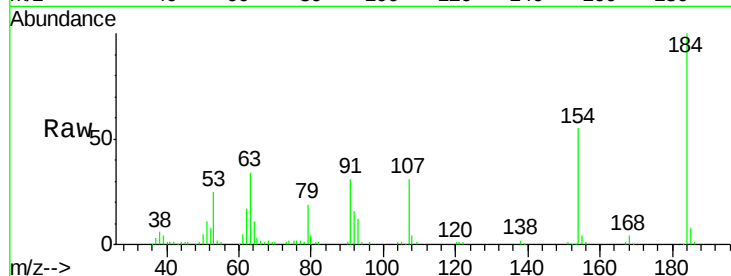




#53
 2,4-Dinitrophenol
 Concen: 70.40 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

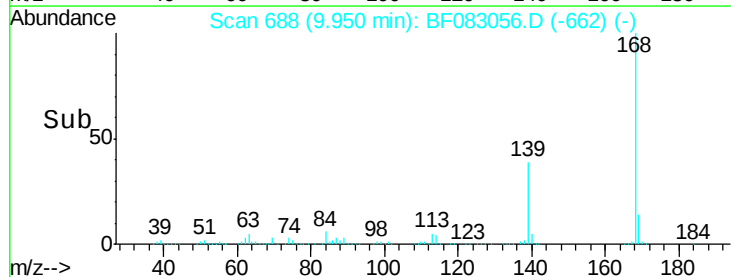
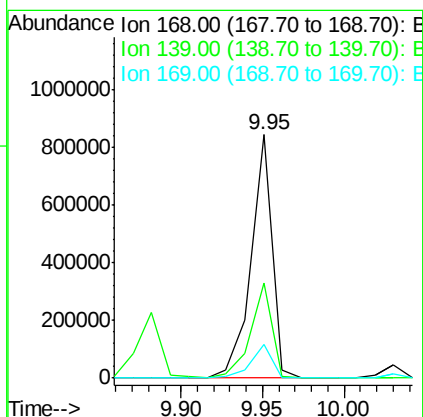
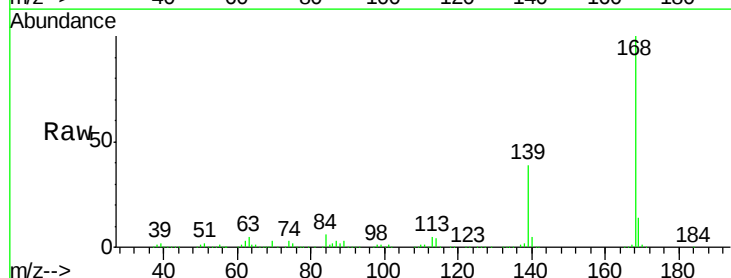
Instrument :
 BNA_F
 ClientSampleId :

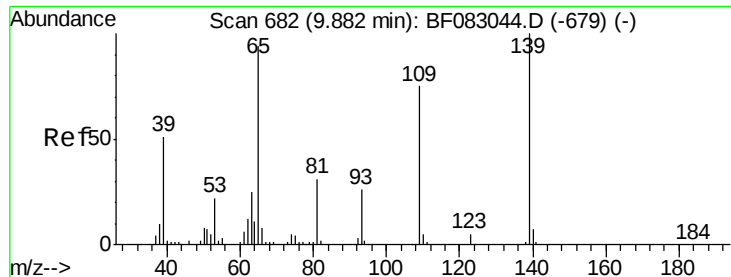
Tgt Ion:184 Resp: 157717
 Ion Ratio Lower Upper
 184 100
 63 33.8 30.4 45.6
 154 55.1 44.9 67.3



#54
 Dibenzofuran
 Concen: 32.77 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion:168 Resp: 757743
 Ion Ratio Lower Upper
 168 100
 139 39.1 33.5 50.3
 169 13.6 11.2 16.8

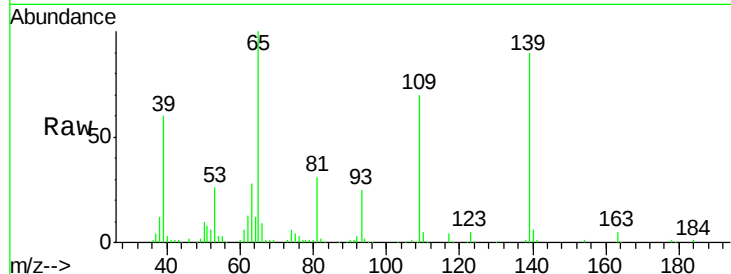




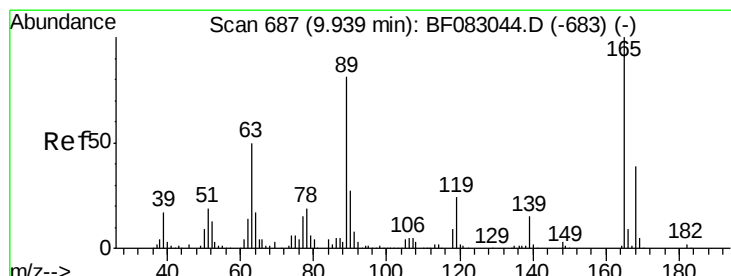
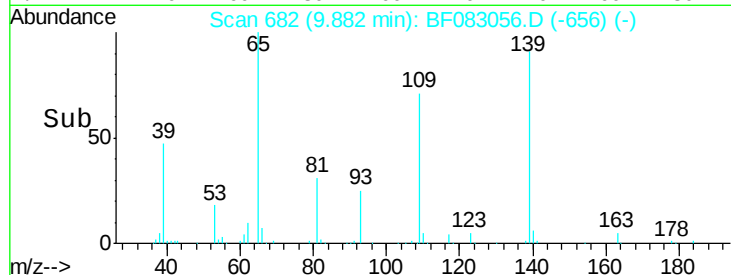
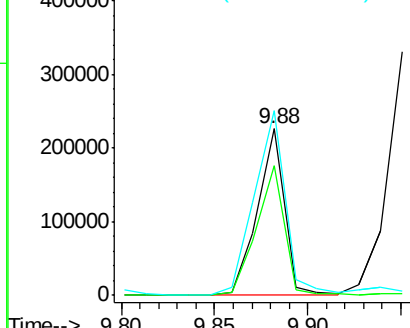
#55
4-Nitrophenol
Concen: 66.04 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF083056.D
Acq: 20 Nov 2015 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 227323
Ion Ratio Lower Upper
139 100
109 77.8 54.6 94.6
65 111.4 74.4 114.4



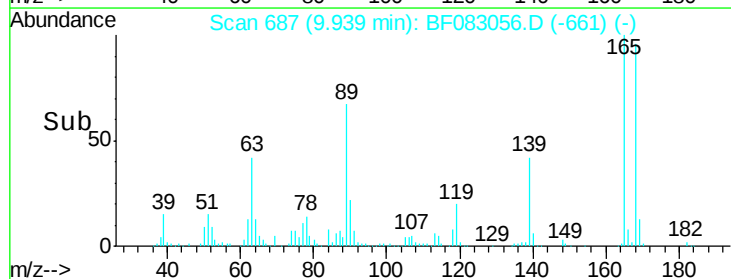
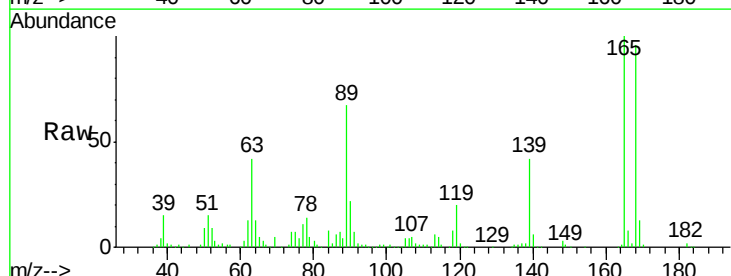
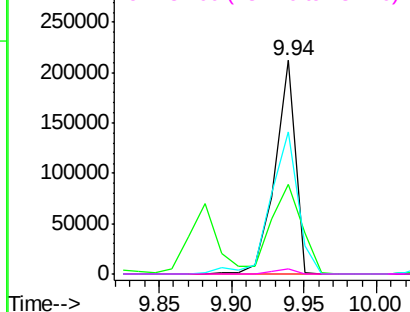
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

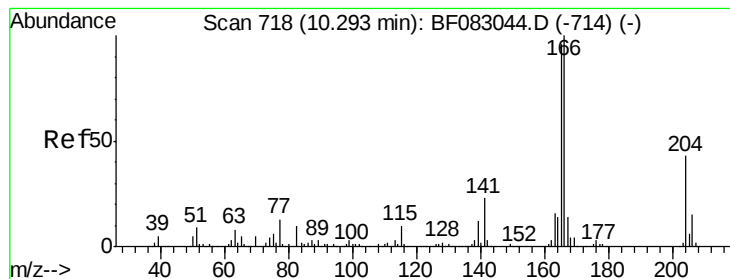


#56
2,4-Dinitrotoluene
Concen: 35.16 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF083056.D
Acq: 20 Nov 2015 1:33

Tgt Ion:165 Resp: 206850
Ion Ratio Lower Upper
165 100
63 42.2 40.6 61.0
89 66.8 64.4 96.6
182 2.2 1.6 2.4

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





#57

Fluorene

Concen: 33.32 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

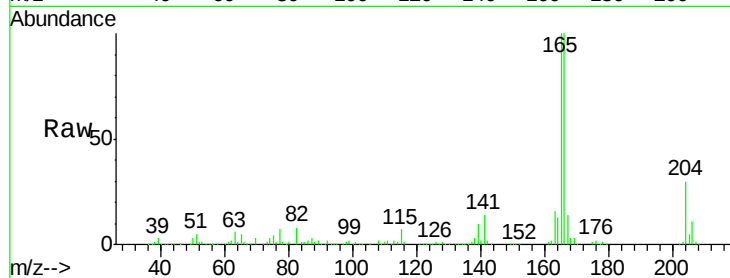
Tgt Ion:166 Resp: 619867

Ion Ratio Lower Upper

166 100

165 100.3 77.1 115.7

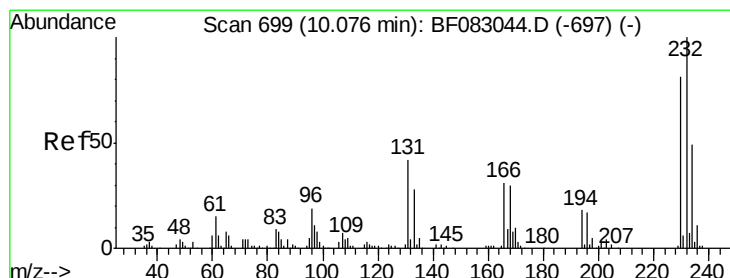
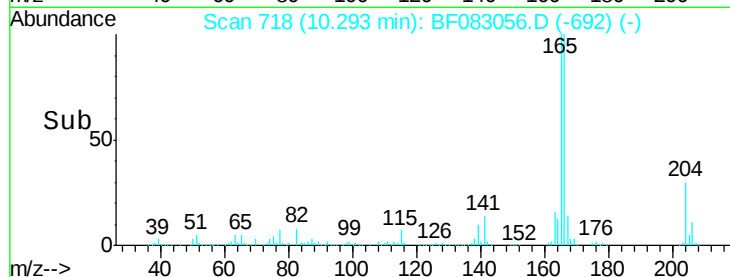
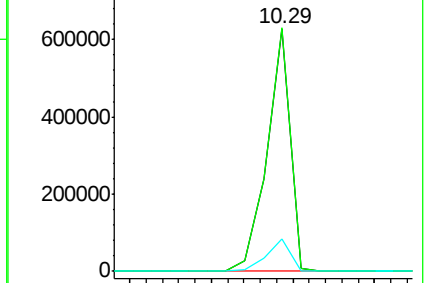
167 13.6 11.0 16.4



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: 32.77 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Tgt Ion:232 Resp: 156569

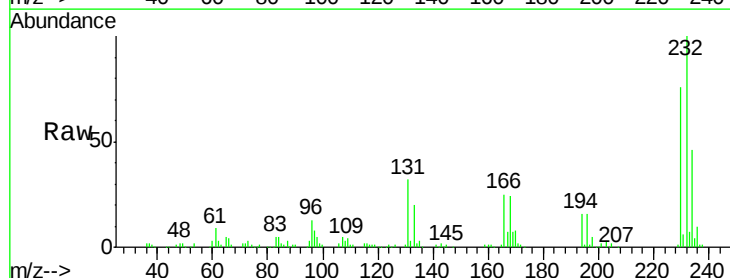
Ion Ratio Lower Upper

232 100

131 43.3 36.5 54.7

130 2.0 1.8 2.6

166 29.6 25.4 38.0

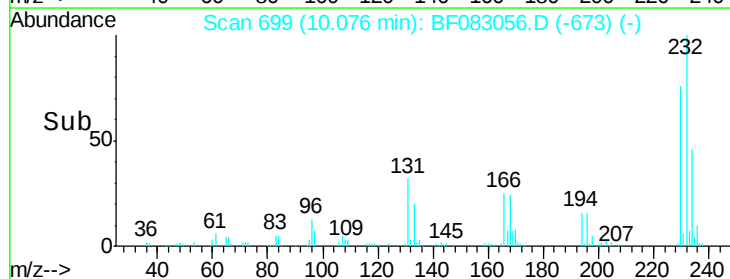
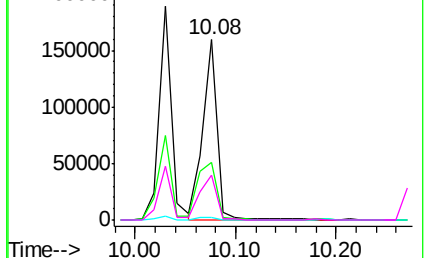


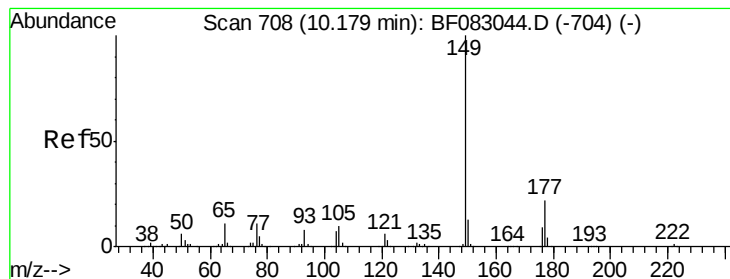
Abundance Ion 232.00 (231.70 to 232.70): E

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: 32.46 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

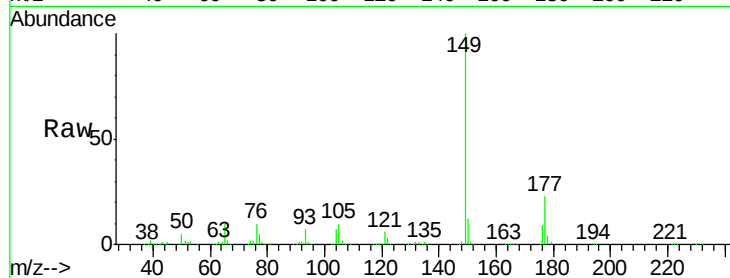
Tgt Ion:149 Resp: 645462

Ion Ratio Lower Upper

149 100

177 23.0 17.4 26.2

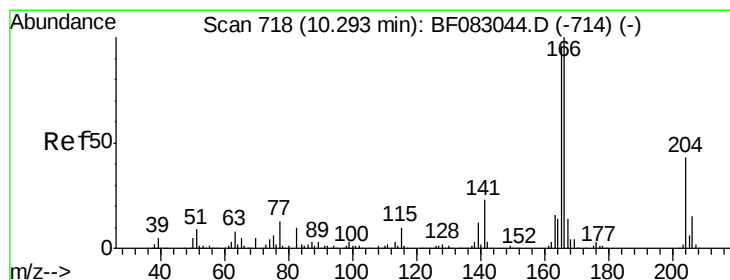
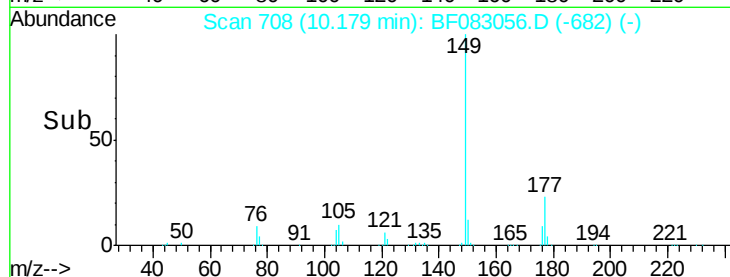
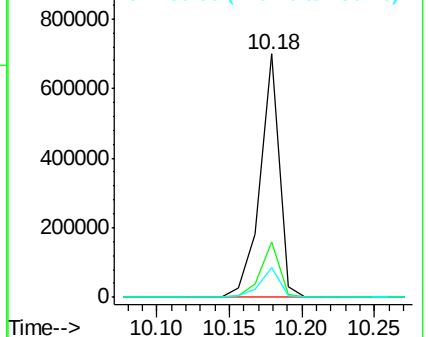
150 12.4 10.2 15.2



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: 30.82 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

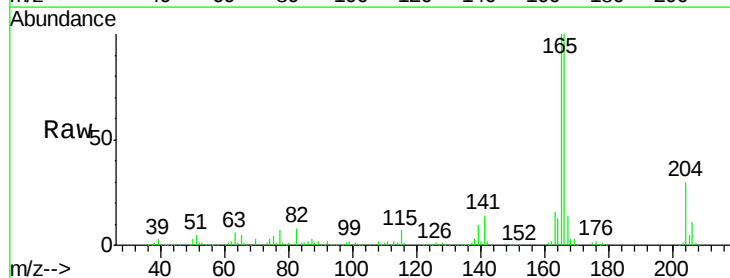
Tgt Ion:204 Resp: 268570

Ion Ratio Lower Upper

204 100

206 35.2 28.2 42.4

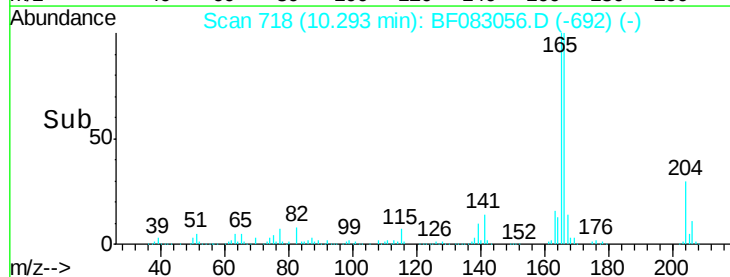
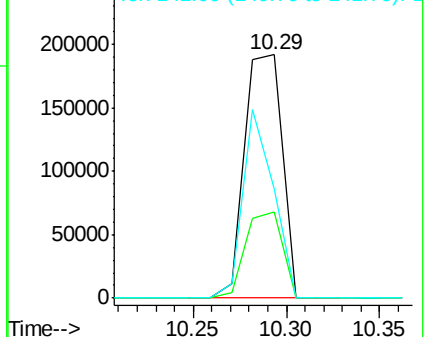
141 44.8 41.8 62.8

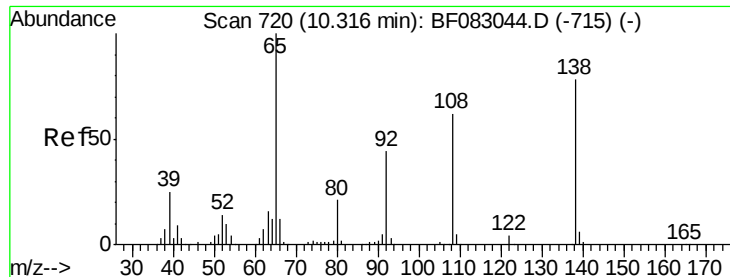


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

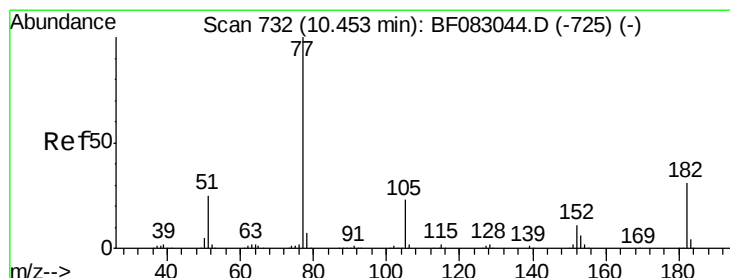
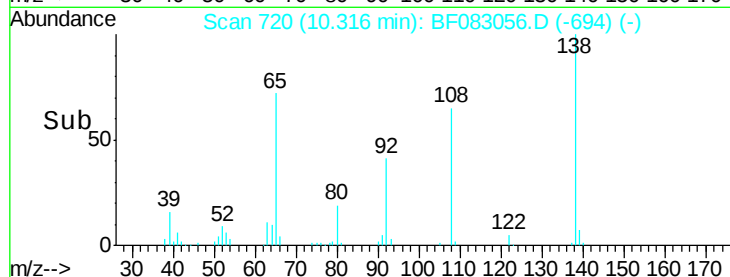
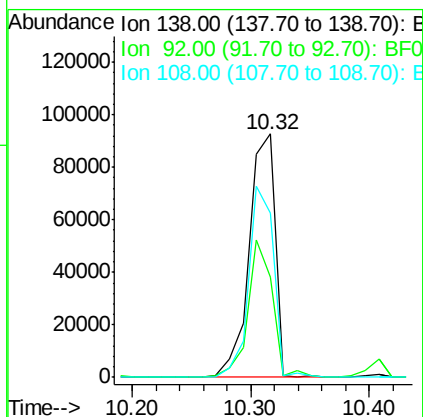
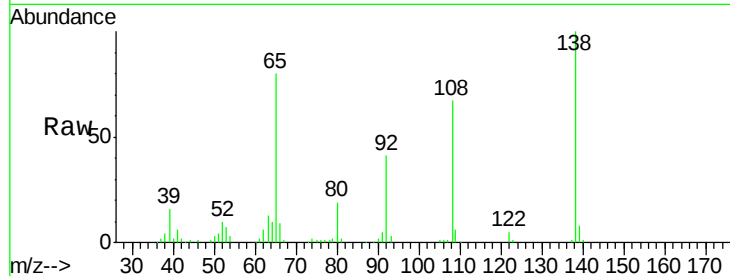




#61
4-Nitroaniline
Concen: 27.85 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF083056.D
Acq: 20 Nov 2015 1:33

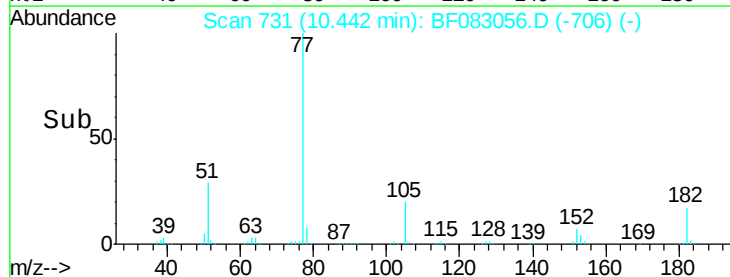
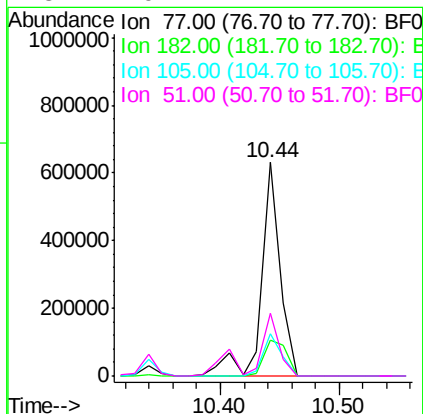
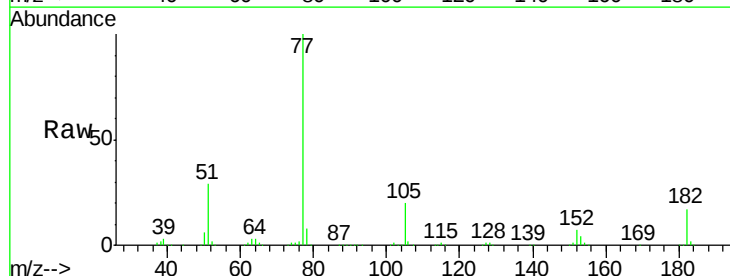
Instrument :
BNA_F
ClientSampleId :

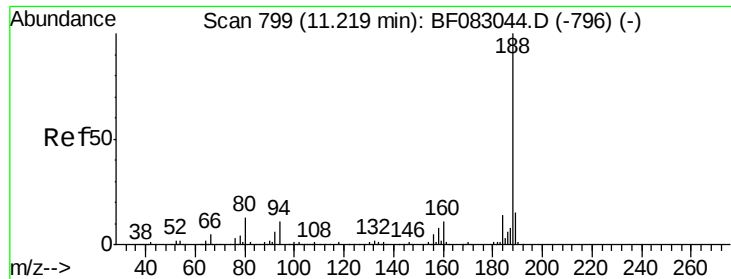
Tgt Ion:138 Resp: 142619
Ion Ratio Lower Upper
138 100
92 41.2 36.4 76.4
108 67.4 59.6 99.6



#62
Azobenzene
Concen: 31.59 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF083056.D
Acq: 20 Nov 2015 1:33

Tgt Ion: 77 Resp: 703750
Ion Ratio Lower Upper
77 100
182 16.7 10.8 50.8
105 20.0 3.4 43.4
51 29.4 4.7 44.7

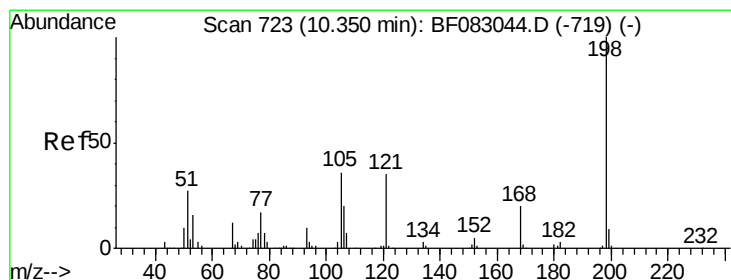
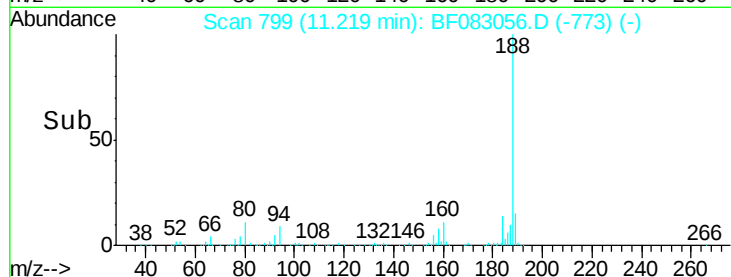
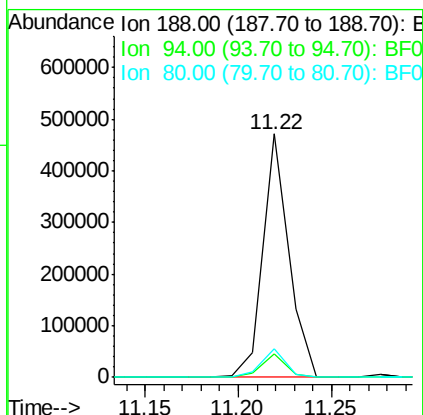
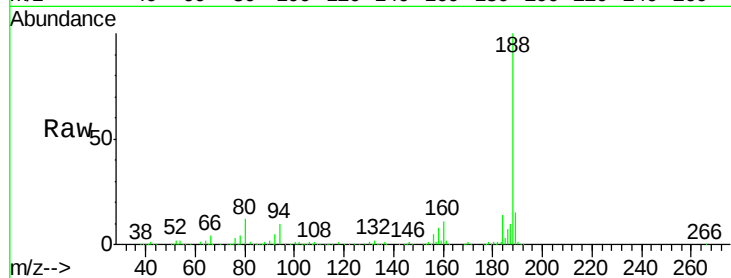




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083056.D
Acq: 20 Nov 2015 1:33

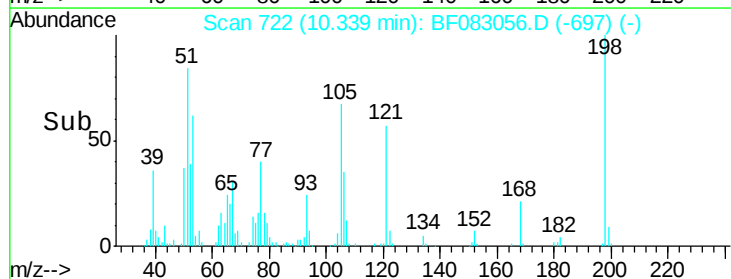
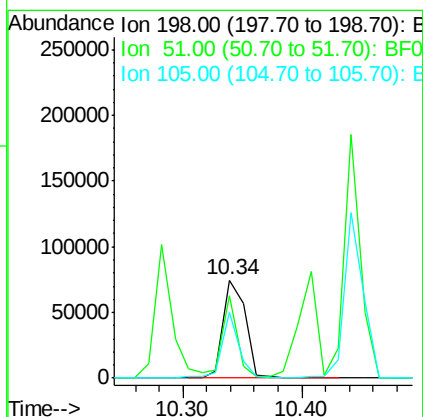
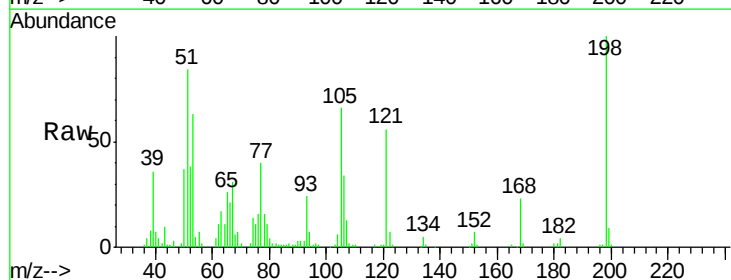
Instrument :
BNA_F
ClientSampleId :

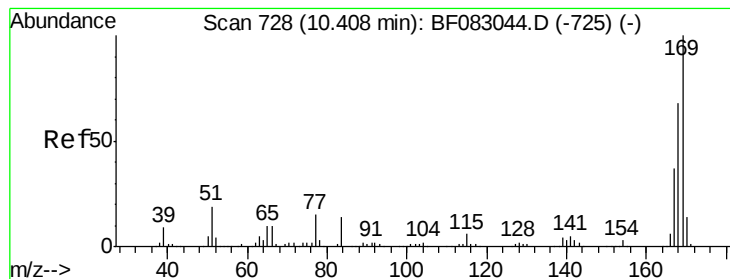
Tgt Ion:188 Resp: 450719
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 11.5 10.2 15.4



#64
4,6-Dinitro-2-methylphenol
Concen: 33.69 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF083056.D
Acq: 20 Nov 2015 1:33

Tgt Ion:198 Resp: 96820
Ion Ratio Lower Upper
198 100
51 83.7 11.1 51.1#
105 66.4 16.5 56.5#

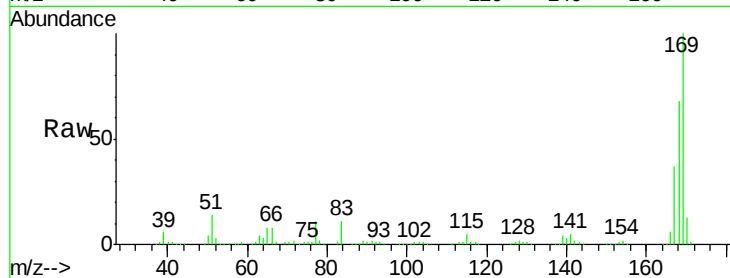




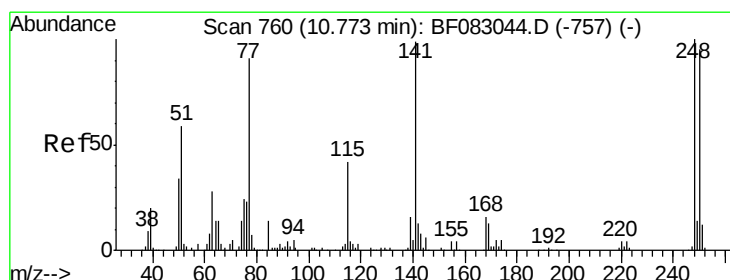
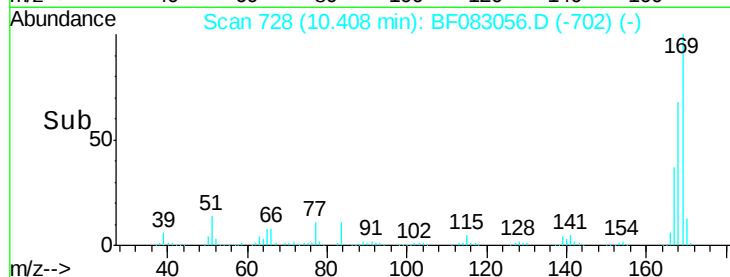
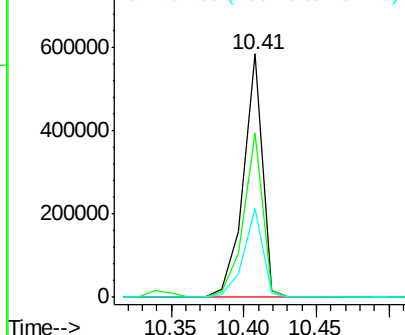
#65
 n-Nitrosodiphenylamine
 Concen: 33.70 ng
 RT: 10.41 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:169 Resp: 532204
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.2 81.2
 167 36.6 29.5 44.3

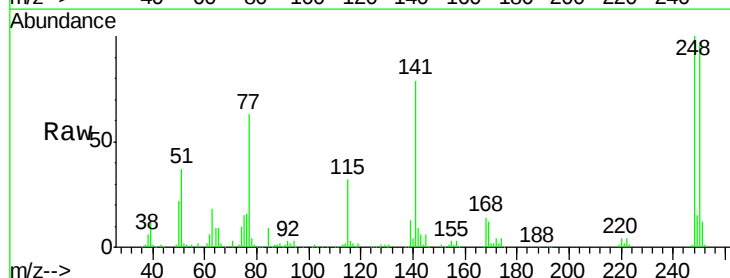


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

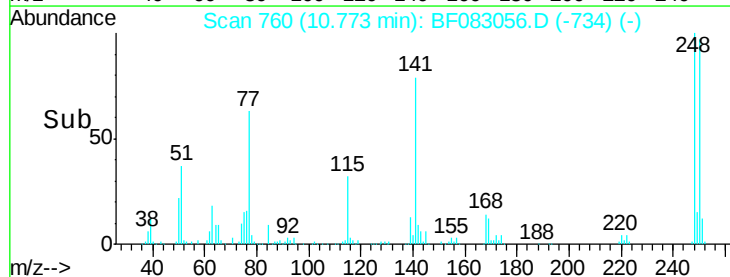
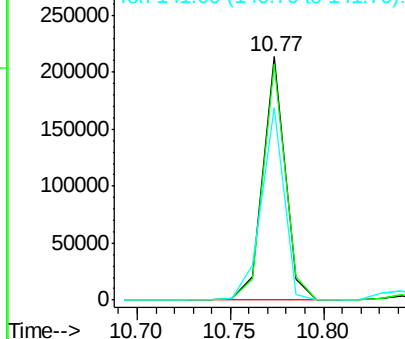


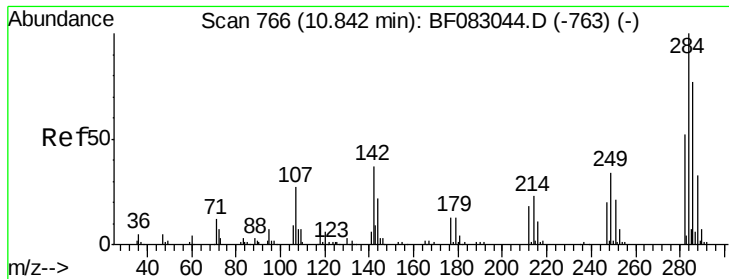
#66
 4-Bromophenyl-phenylether
 Concen: 33.46 ng
 RT: 10.77 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion:248 Resp: 174673
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.1 114.1
 141 79.0 79.2 118.8#



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

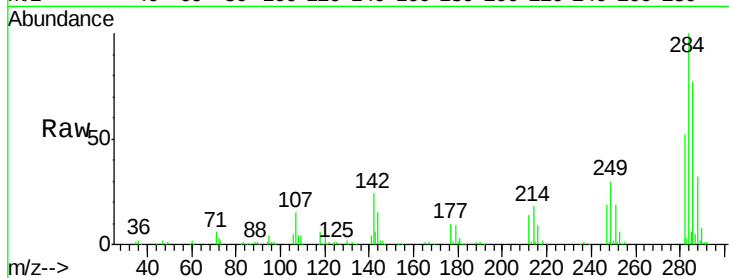




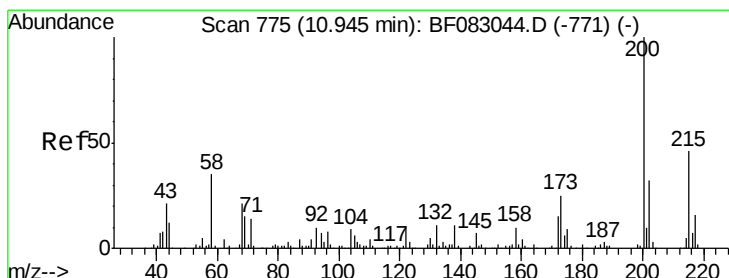
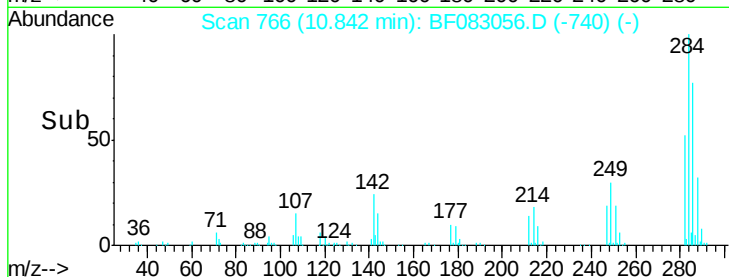
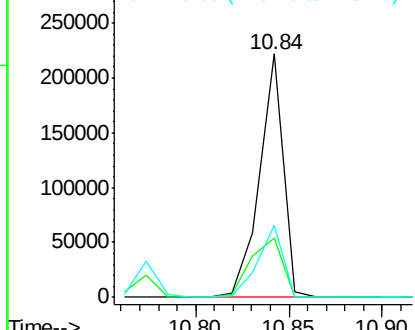
#67
Hexachlorobenzene
Concen: 34.74 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF083056.D
Acq: 20 Nov 2015 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 198367
Ion Ratio Lower Upper
284 100
142 24.2 29.5 44.3#
249 29.8 27.2 40.8

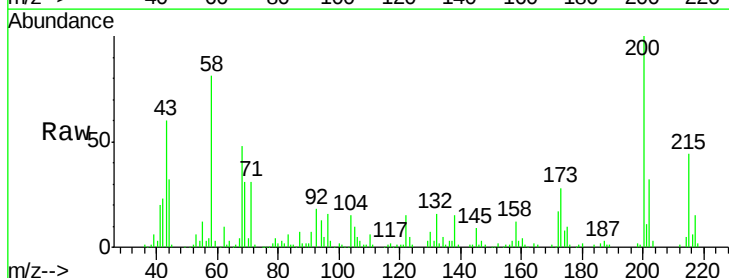


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

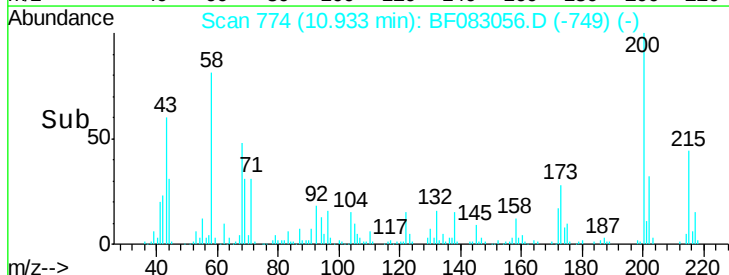
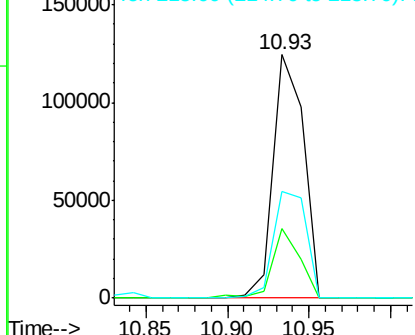


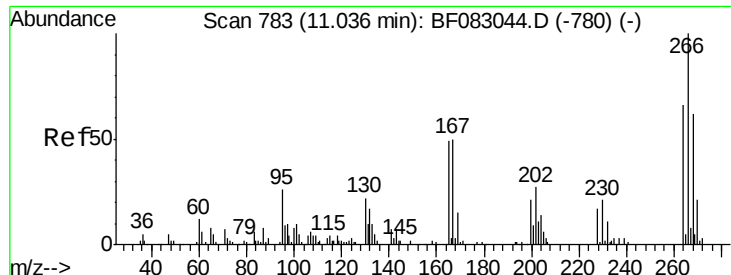
#68
Atrazine
Concen: 32.75 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF083056.D
Acq: 20 Nov 2015 1:33

Tgt Ion:200 Resp: 162035
Ion Ratio Lower Upper
200 100
173 28.5 4.9 44.9
215 44.0 25.5 65.5



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

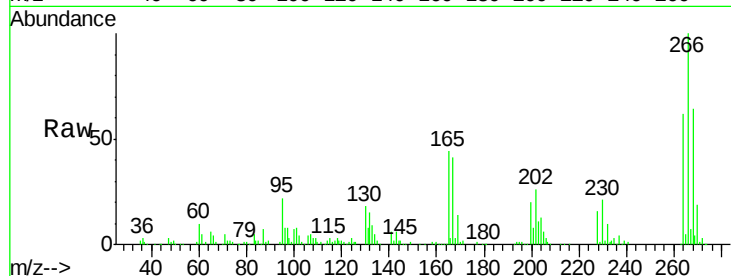




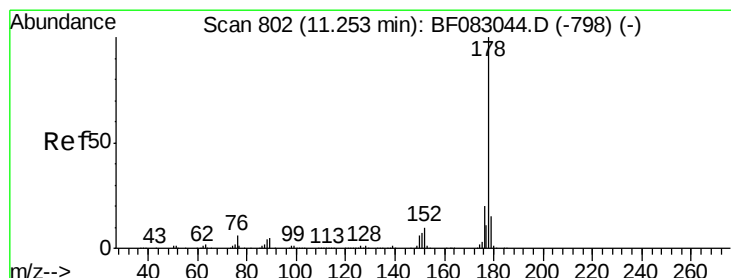
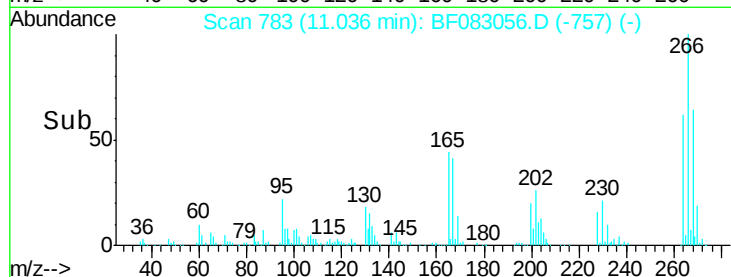
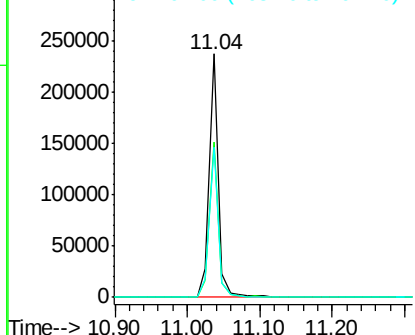
#69
 Pentachlorophenol
 Concen: 71.53 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 266 Resp: 208448
 Ion Ratio Lower Upper
 266 100
 268 63.9 49.6 74.4
 264 61.8 52.7 79.1

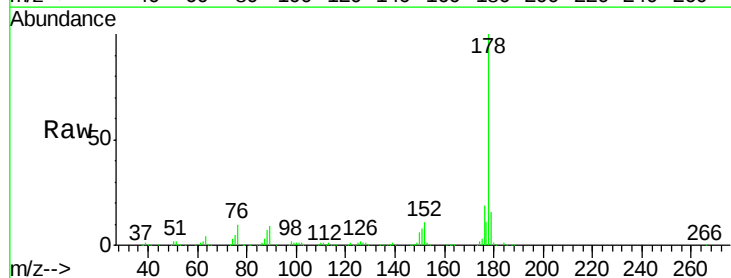


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

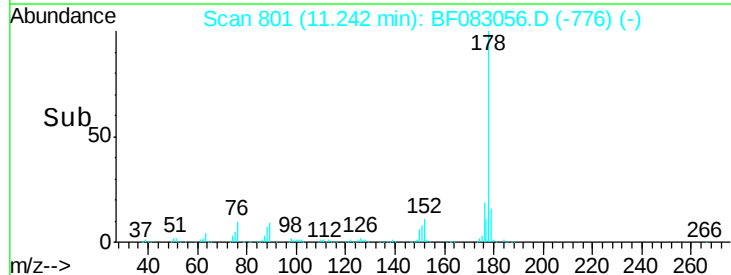
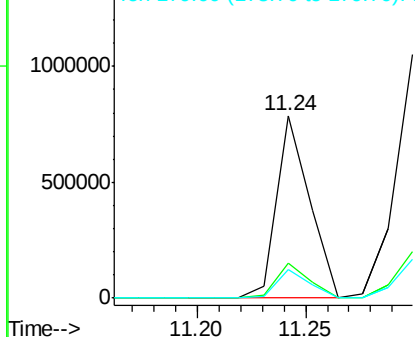


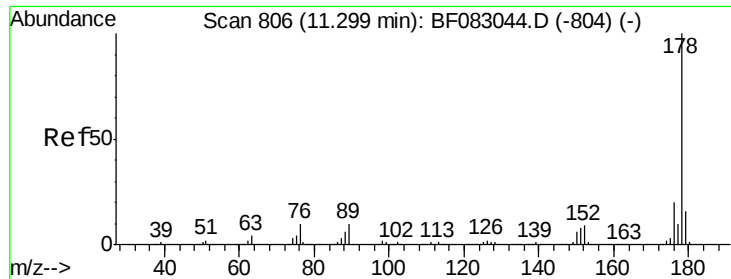
#70
 Phenanthrene
 Concen: 30.76 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion: 178 Resp: 836547
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 16.0 12.3 18.5



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

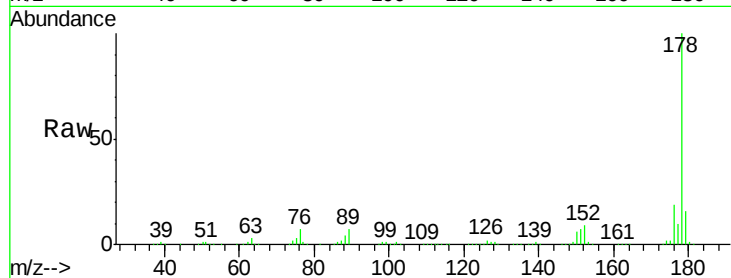




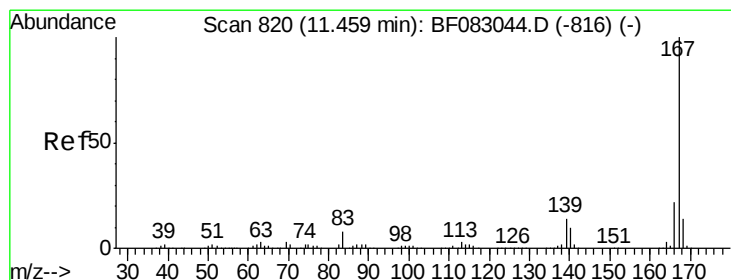
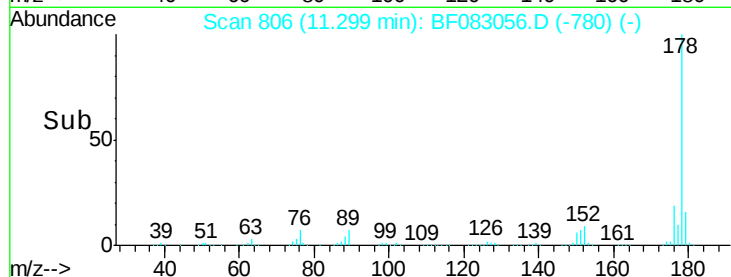
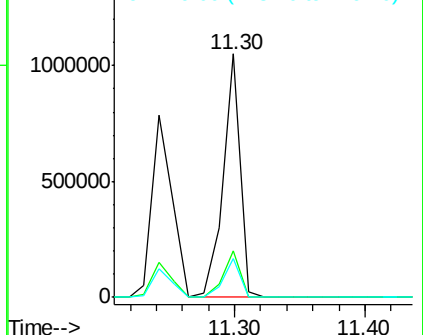
#71
 Anthracene
 Concen: 34.95 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:178 Resp: 957488
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 15.7 13.1 19.7

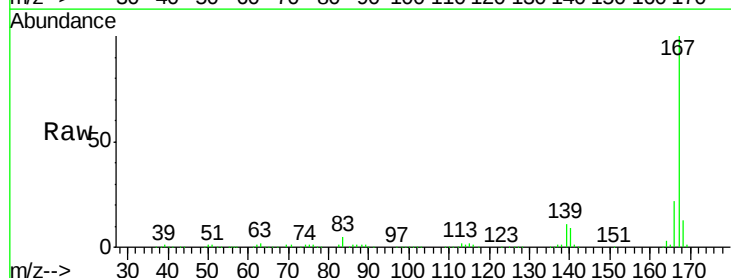


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

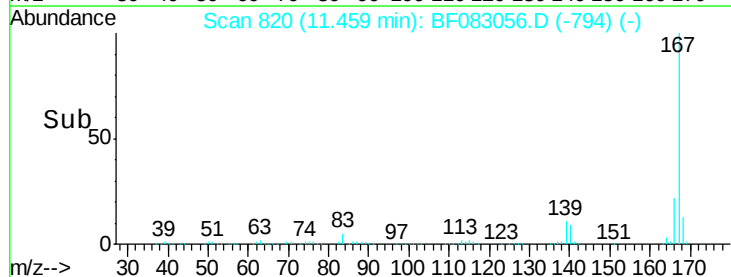
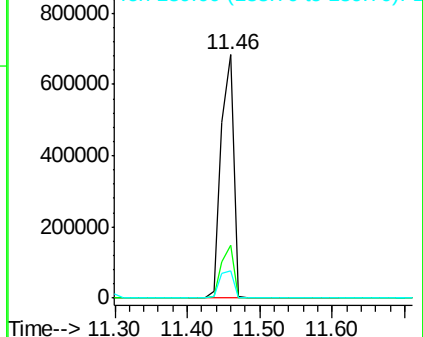


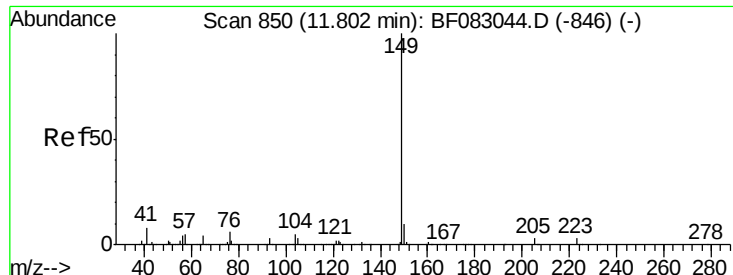
#72
 Carbazole
 Concen: 34.60 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion:167 Resp: 828640
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 11.2 11.0 16.4



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: 33.28 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

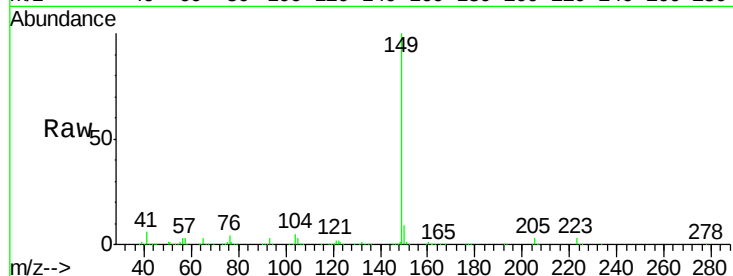
Tgt Ion:149 Resp: 1005000

Ion Ratio Lower Upper

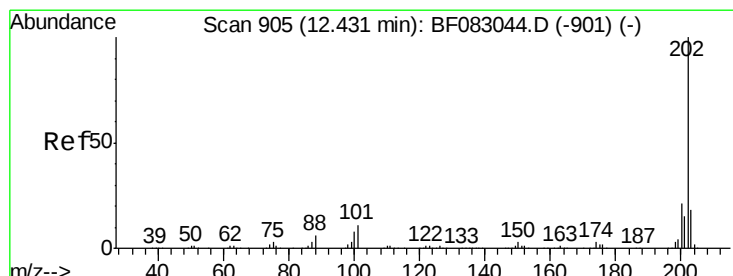
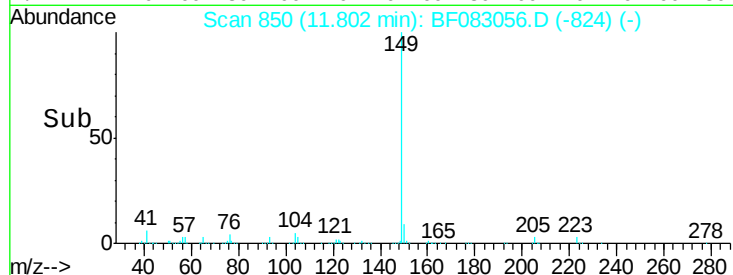
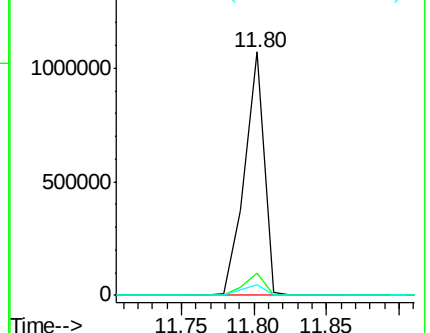
149 100

150 9.1 7.8 11.8

104 4.6 4.3 6.5



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: 34.25 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

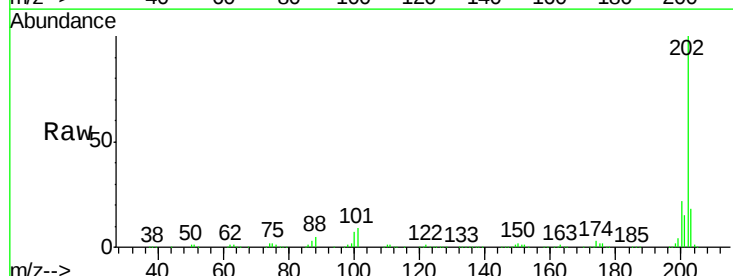
Tgt Ion:202 Resp: 970701

Ion Ratio Lower Upper

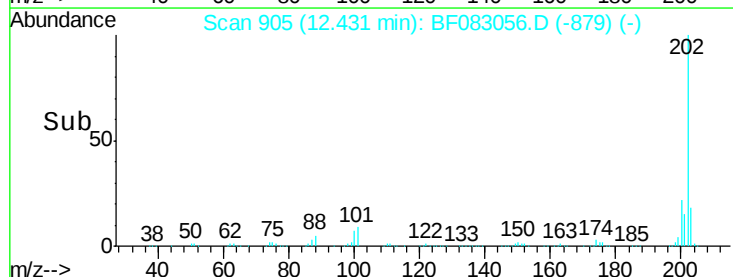
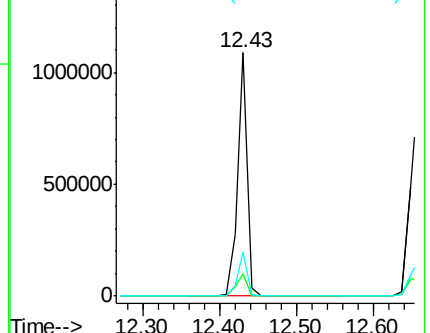
202 100

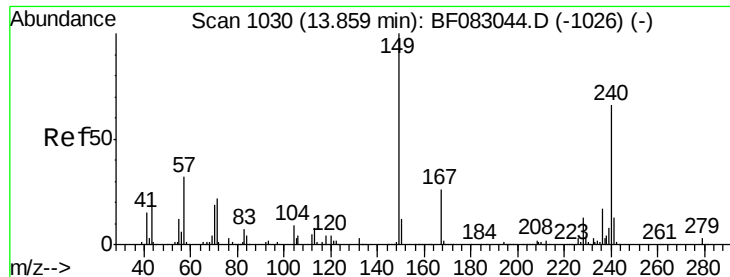
101 9.4 0.0 31.1

203 18.2 0.0 38.4



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: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

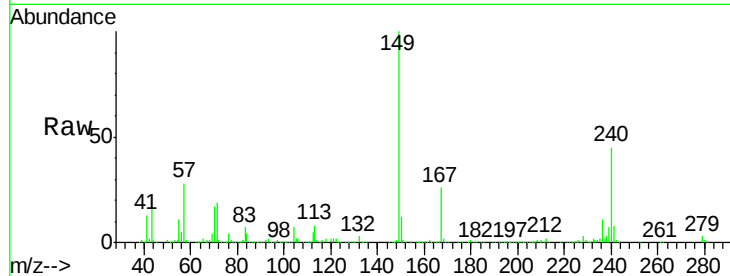
Tgt Ion:240 Resp: 390833

Ion Ratio Lower Upper

240 100

120 4.9 5.3 7.9#

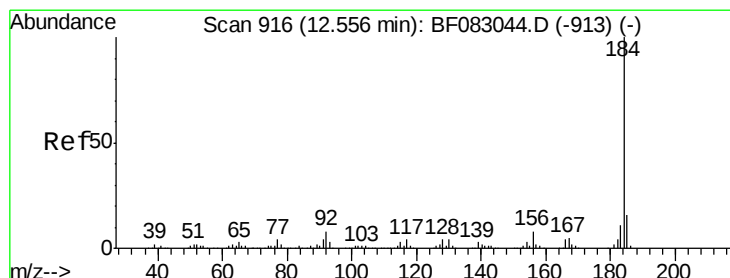
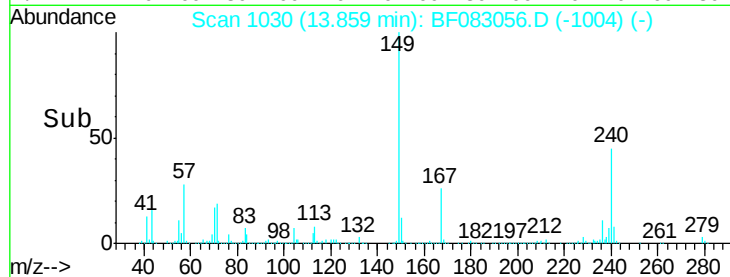
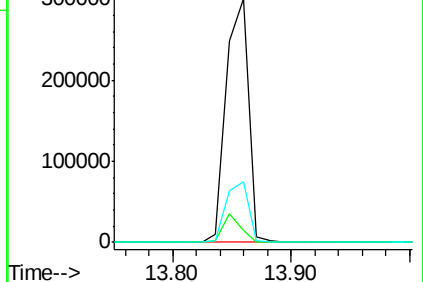
236 25.0 20.4 30.6



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: 36.76 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

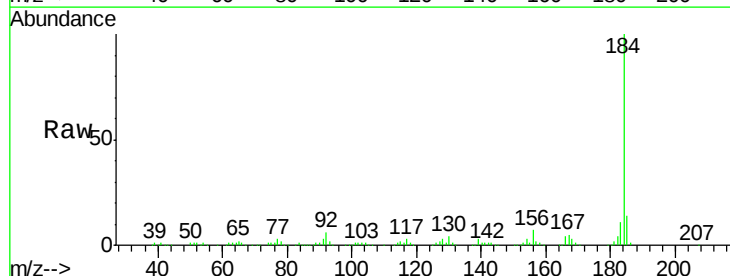
Tgt Ion:184 Resp: 470117

Ion Ratio Lower Upper

184 100

185 14.4 12.6 19.0

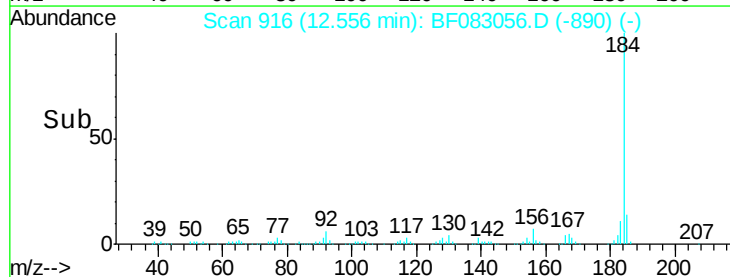
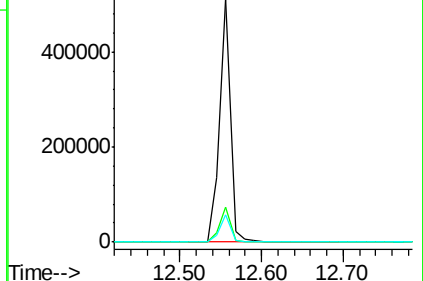
183 11.3 9.0 13.4

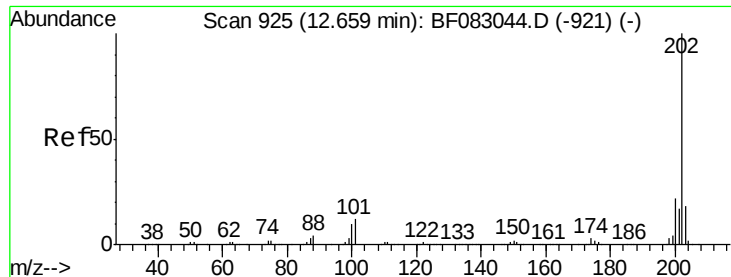


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

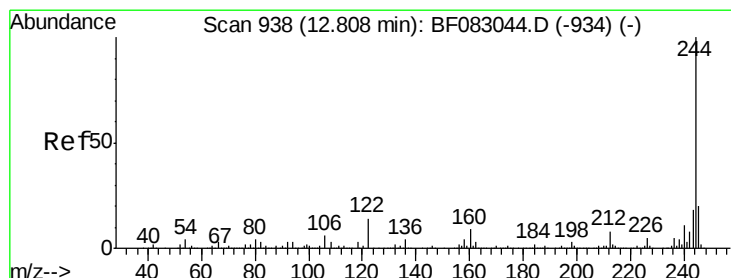
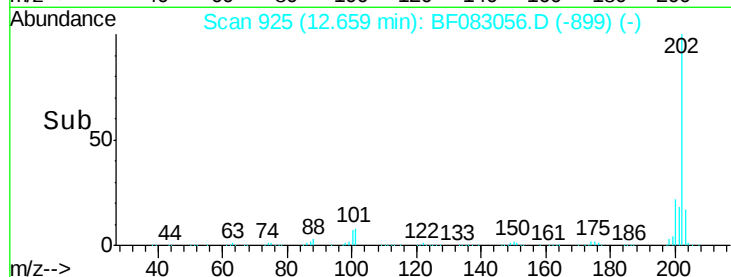
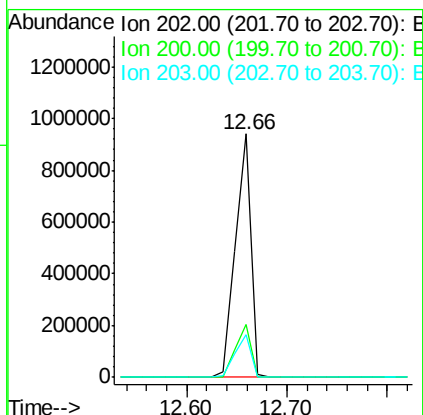
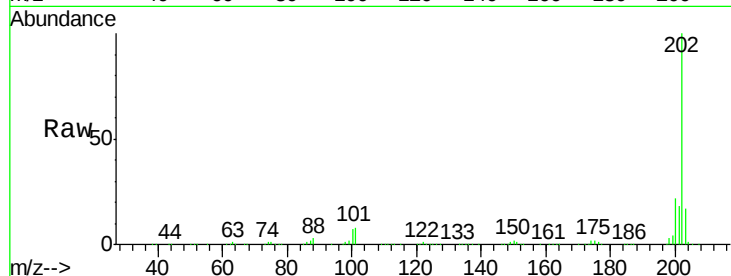




#77
 Pyrene
 Concen: 36.48 ng
 RT: 12.66 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

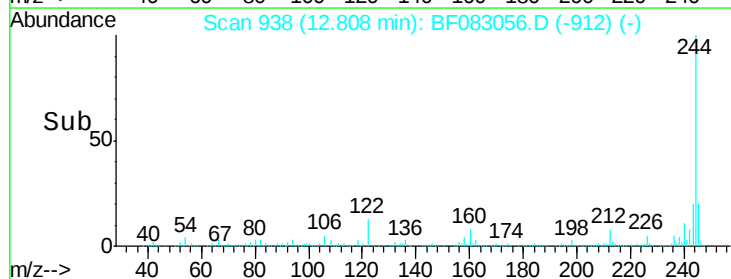
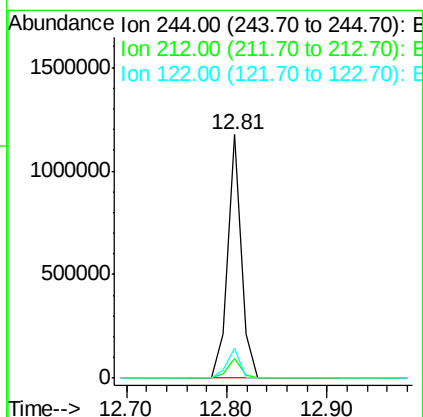
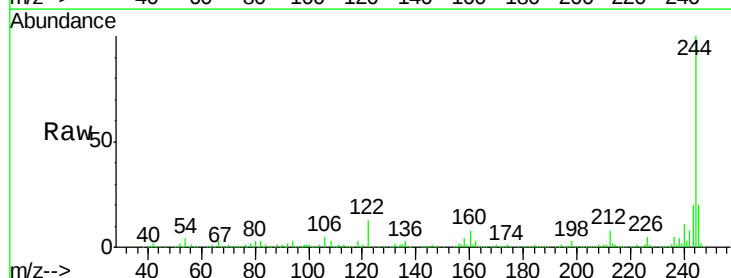
Instrument :
 BNA_F
 ClientSampleId :

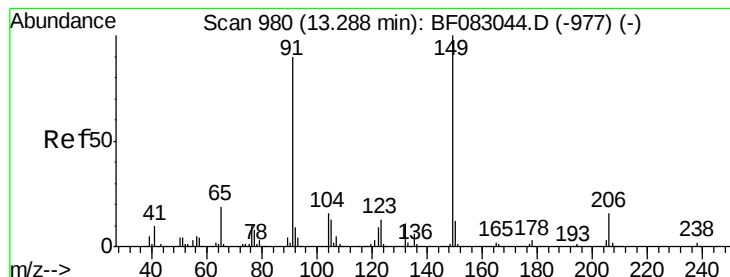
Tgt Ion:202 Resp: 1003710
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.6 26.4
 203 17.5 14.6 22.0



#78
 Terphenyl-d14
 Concen: 66.79 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion:244 Resp: 1105685
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 12.5 10.9 16.3





#79

Butylbenzylphthalate

Concen: 33.76 ng

RT: 13.29 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

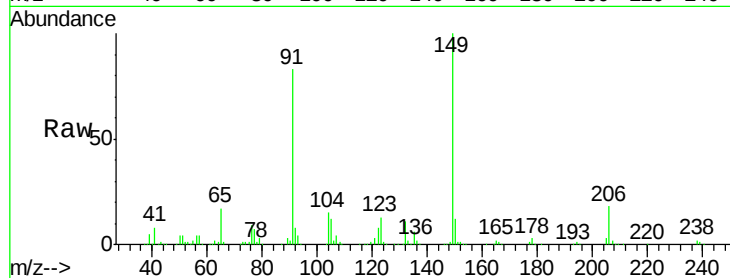
Tgt Ion:149 Resp: 410449

Ion Ratio Lower Upper

149 100

91 82.6 71.9 107.9

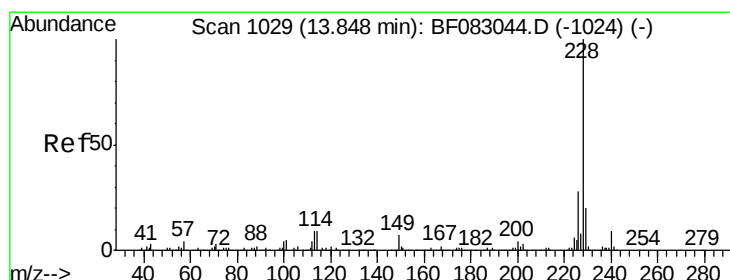
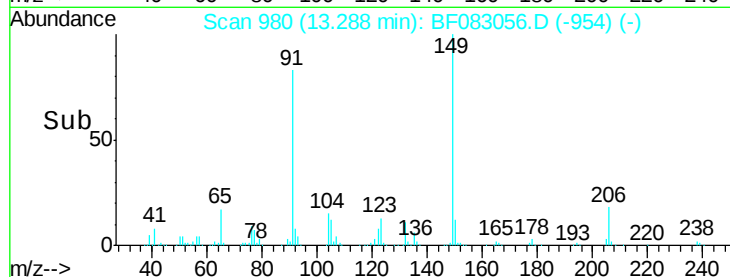
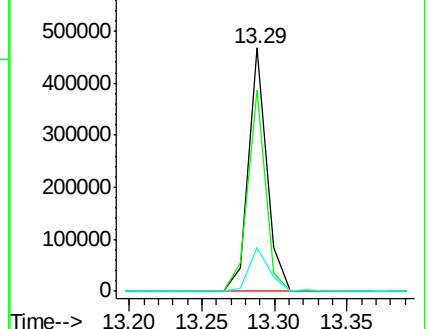
206 18.2 13.1 19.7



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: 35.57 ng

RT: 13.85 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

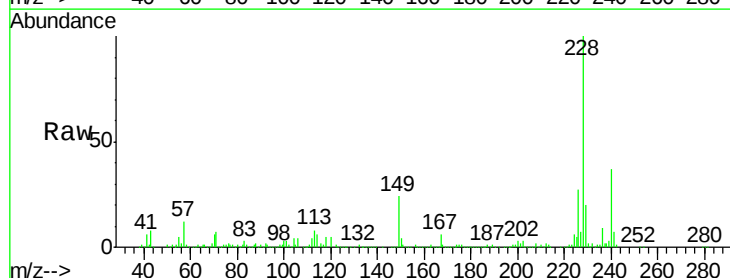
Tgt Ion:228 Resp: 883353

Ion Ratio Lower Upper

228 100

226 26.7 22.6 34.0

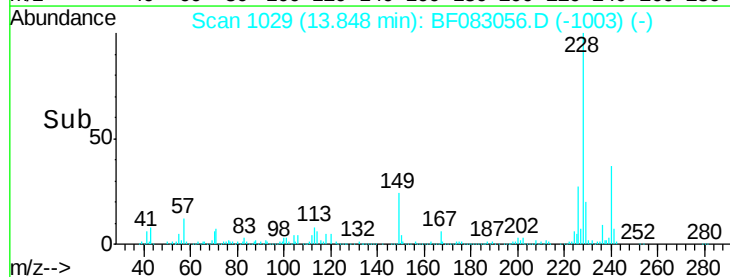
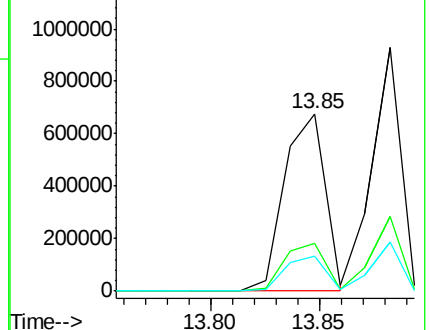
229 19.7 16.1 24.1

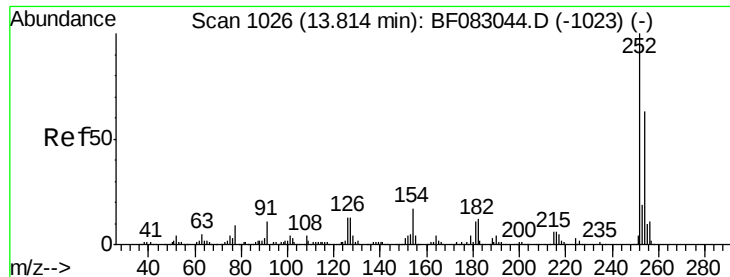


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

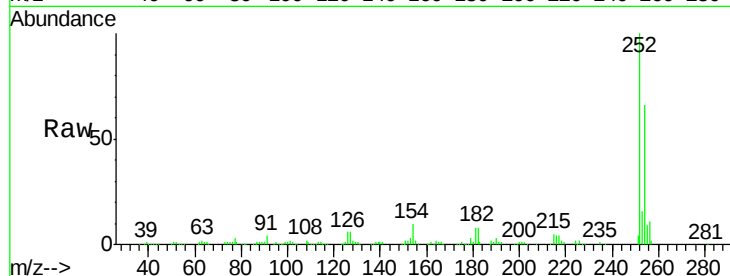




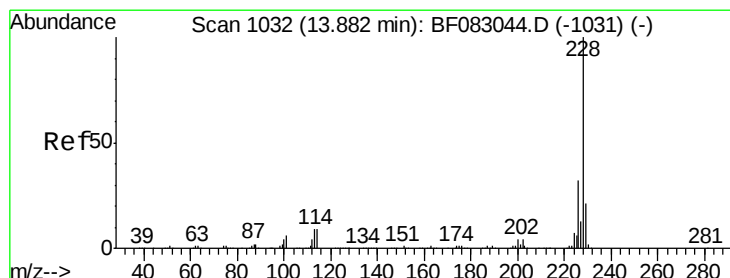
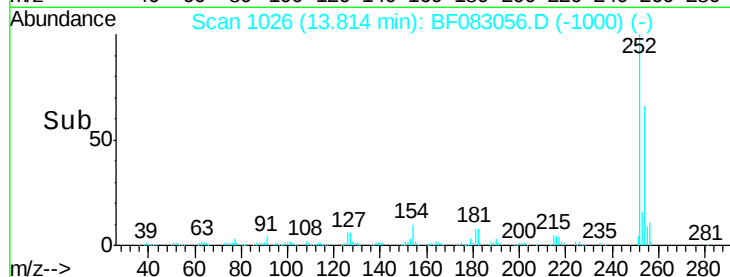
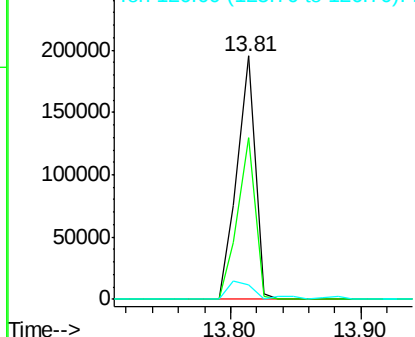
#81
 3,3'-Dichlorobenzidine
 Concen: 22.73 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 252 Resp: 190072
 Ion Ratio Lower Upper
 252 100
 254 66.2 50.6 76.0
 126 6.0 10.2 15.4#

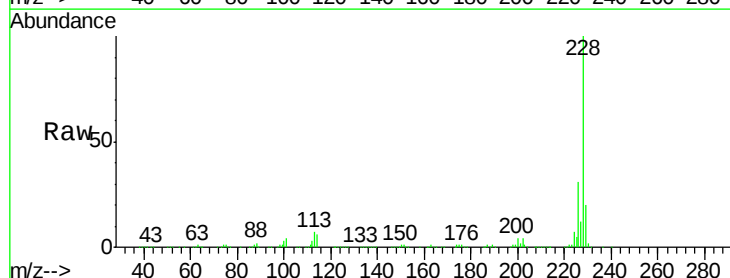


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

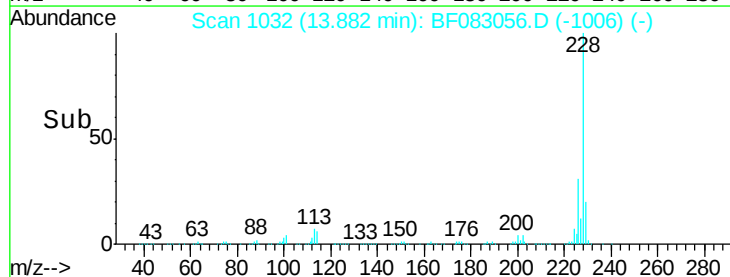
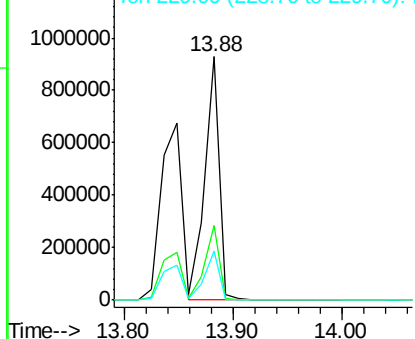


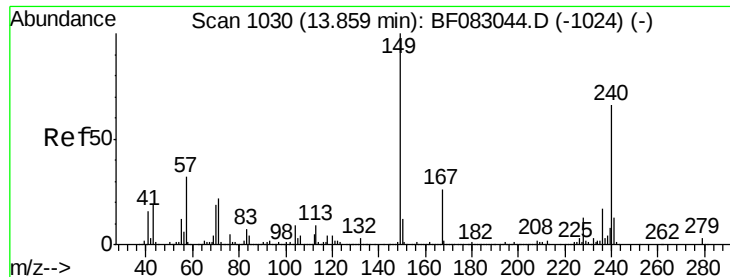
#82
 Chrysene
 Concen: 37.87 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion: 228 Resp: 862536
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.3 37.9
 229 20.1 16.4 24.6



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

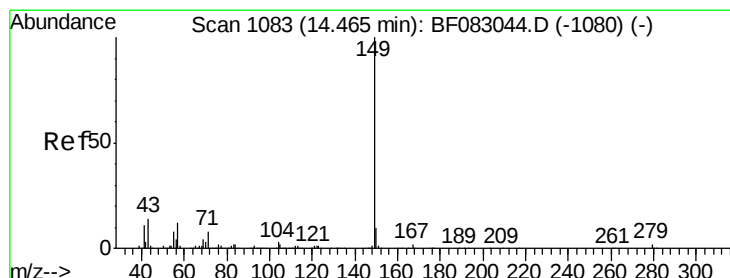
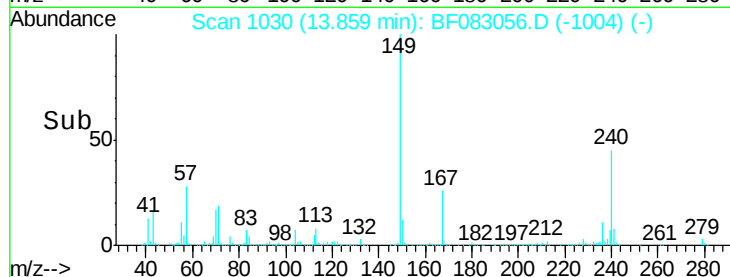
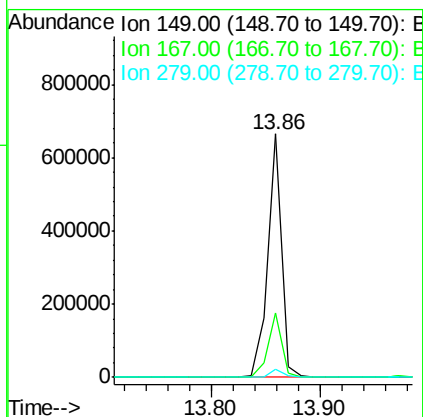
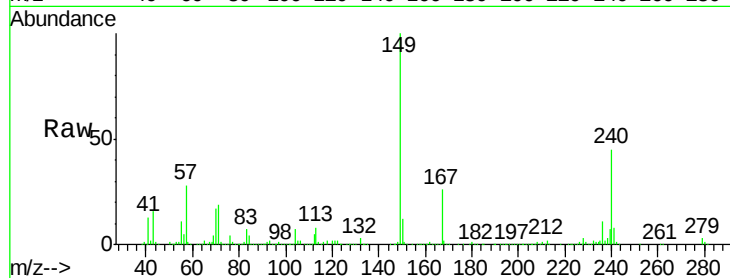




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.42 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

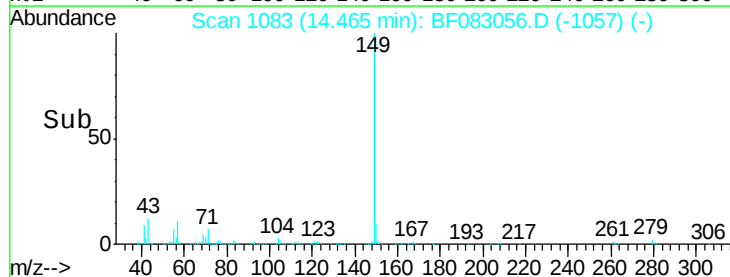
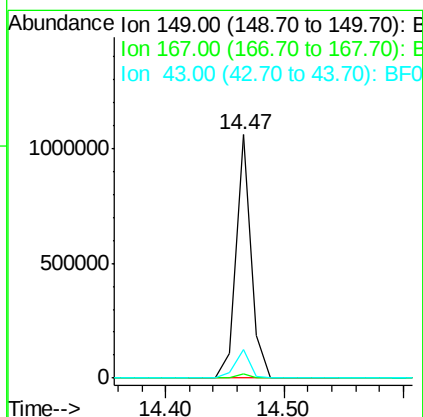
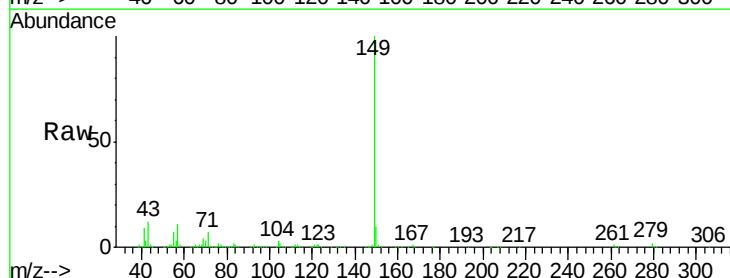
Instrument :
 BNA_F
 ClientSampleId :

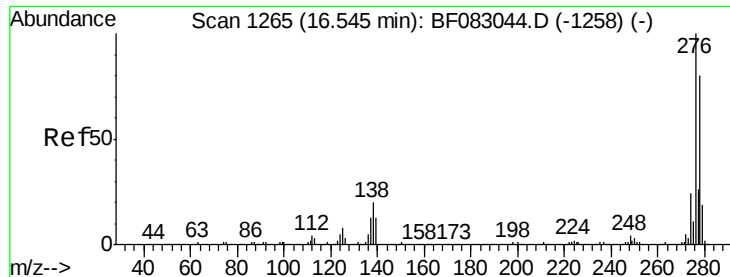
Tgt Ion:149 Resp: 594802
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.9 31.3
 279 3.1 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 35.94 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion:149 Resp: 930786
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.8 8.8 13.2

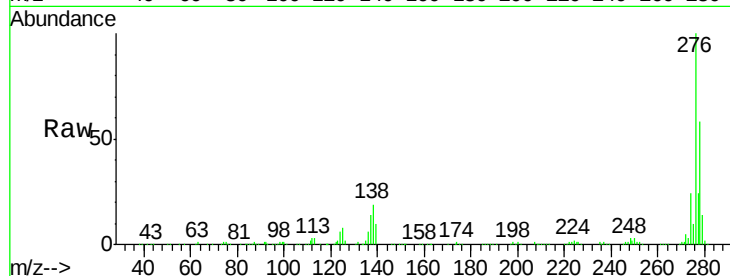




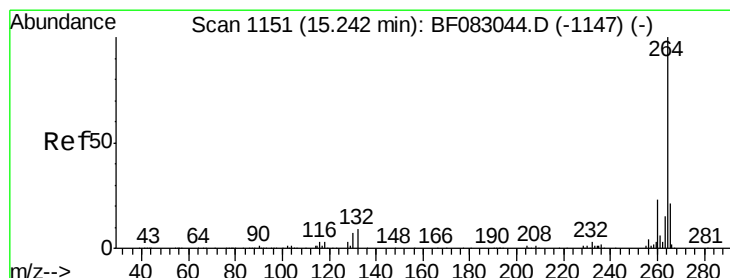
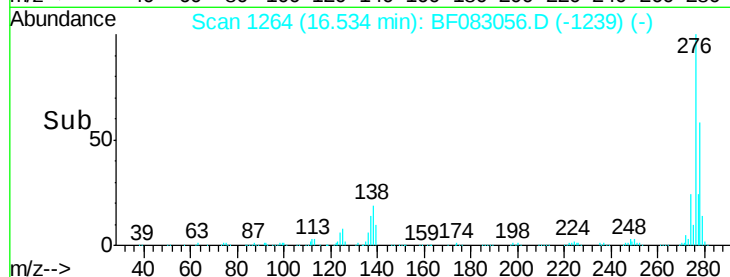
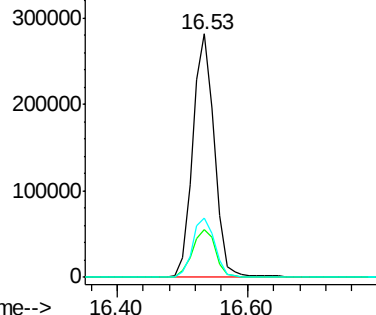
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.97 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.3	24.5
277	25.1	19.8	29.8

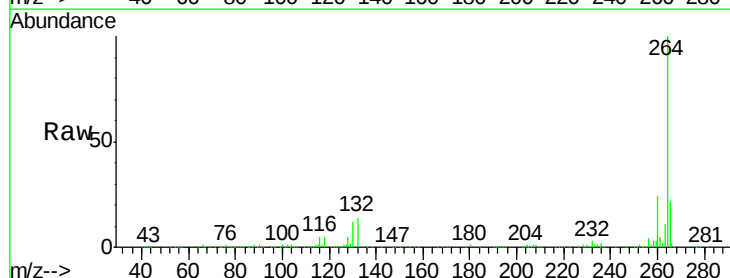


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

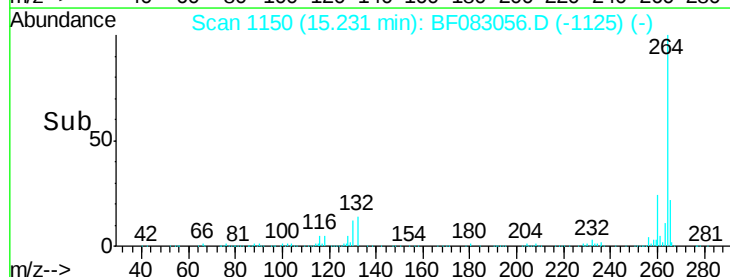
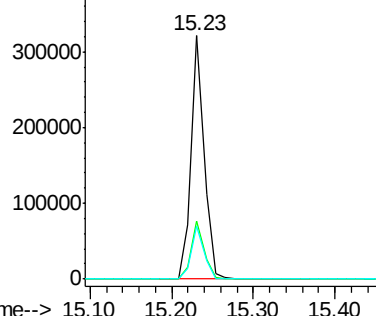


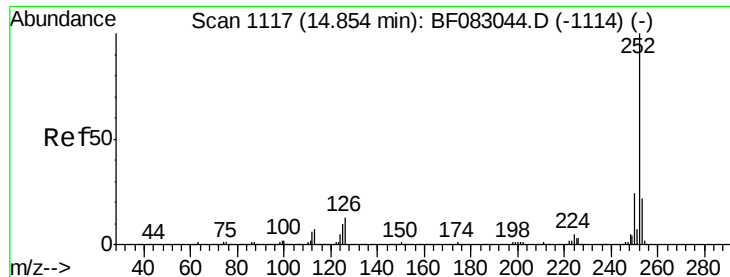
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083056.D
 Acq: 20 Nov 2015 1:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	21.6	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 56.05 ng

RT: 14.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :

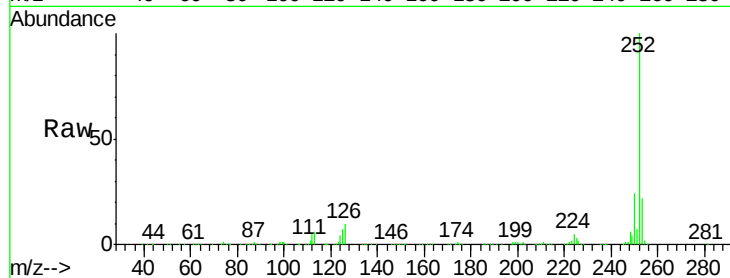
Tgt Ion:252 Resp: 1398066

Ion Ratio Lower Upper

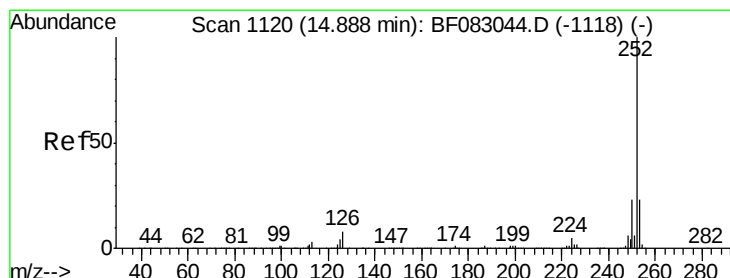
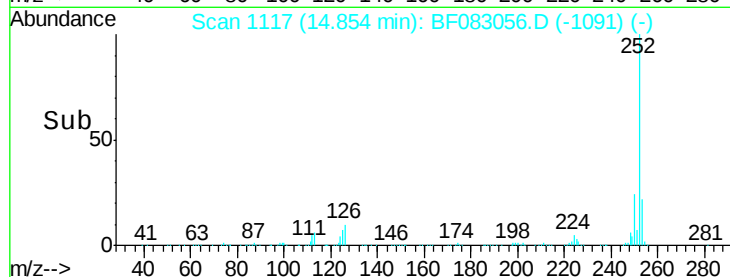
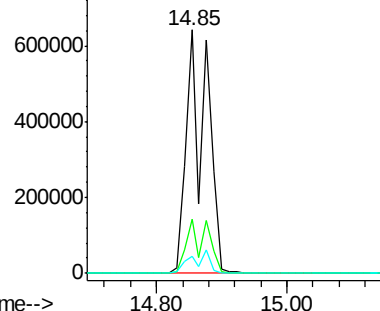
252 100

253 22.2 17.6 26.4

125 7.3 7.7 11.5#



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: 73.58 ng

RT: 14.85 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

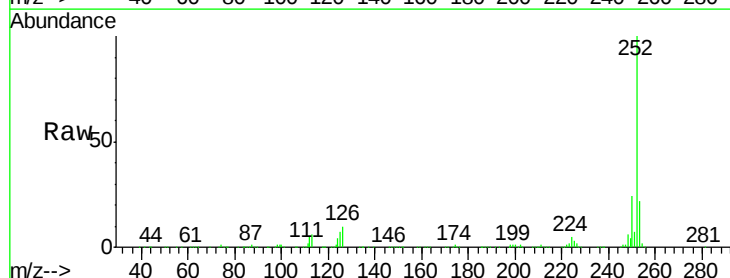
Tgt Ion:252 Resp: 1398066

Ion Ratio Lower Upper

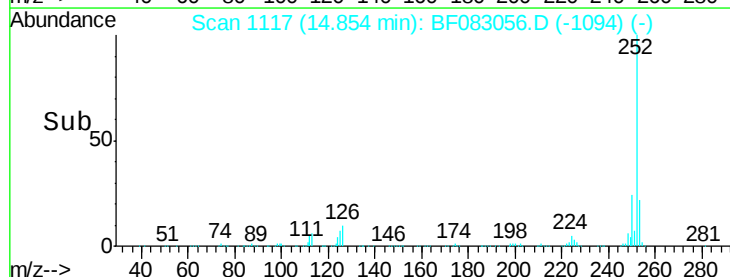
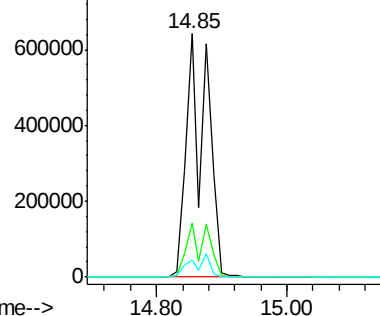
252 100

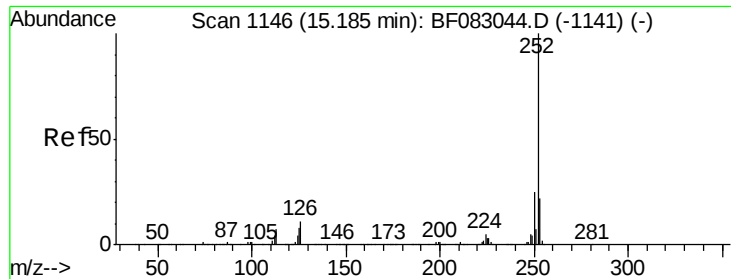
253 22.2 17.8 26.6

125 7.3 3.8 5.6#



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

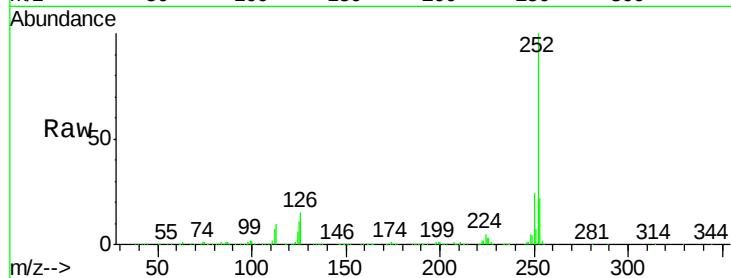




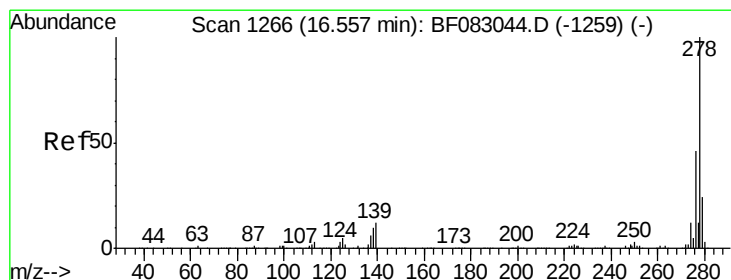
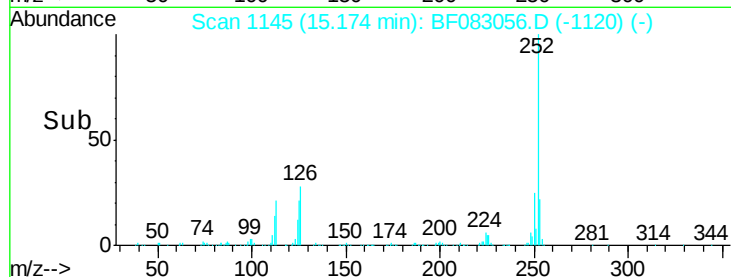
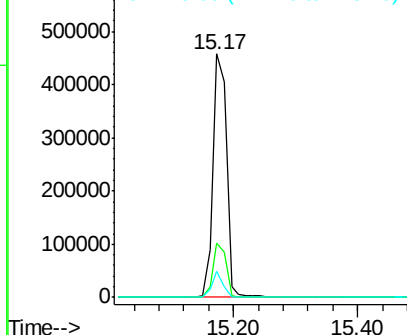
#89
Benzo(a)pyrene
Concen: 34.24 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF083056.D
Acq: 20 Nov 2015 1:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 252 Resp: 685374
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.9 6.4 9.6#

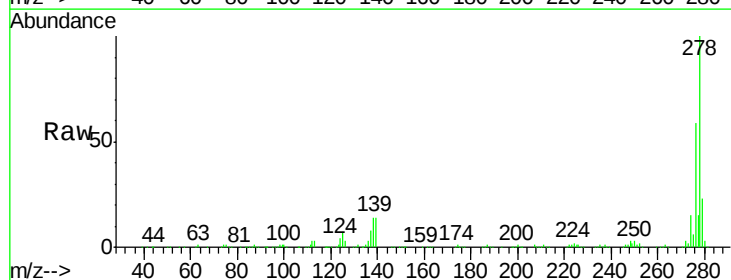


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

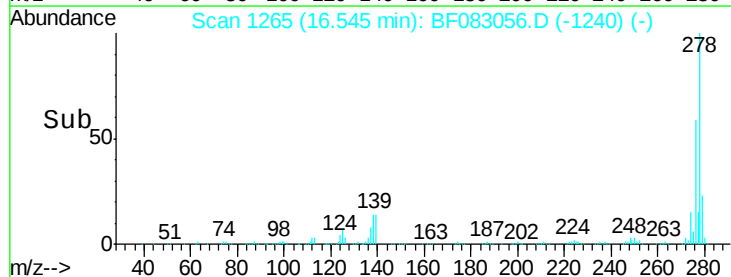
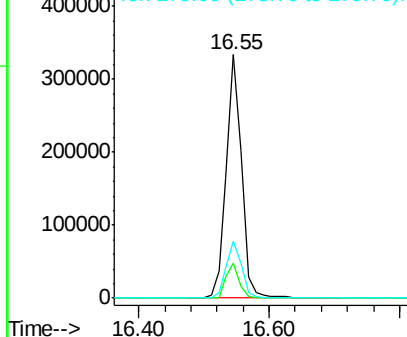


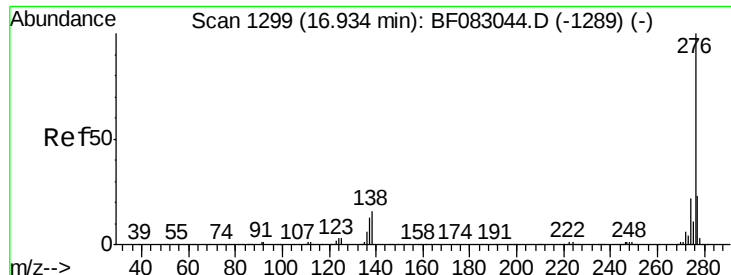
#90
Dibenzo(a,h)anthracene
Concen: 31.45 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF083056.D
Acq: 20 Nov 2015 1:33

Tgt Ion: 278 Resp: 547835
Ion Ratio Lower Upper
278 100
139 14.4 9.8 14.8
279 23.4 19.6 29.4



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





#91

Benzo(g,h,i)perylene

Concen: 31.53 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.01 min

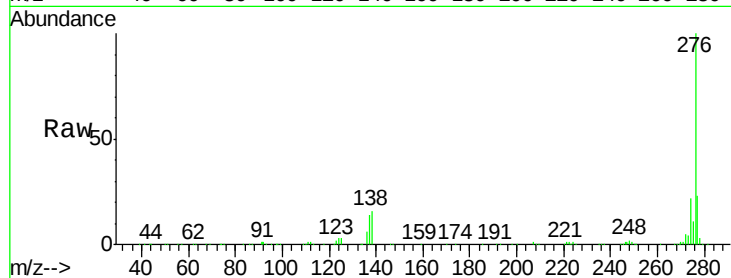
Lab File: BF083056.D

Acq: 20 Nov 2015 1:33

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 276 Resp: 535826

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 15.7 12.5 18.7

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

