

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083932.D
 Acq On : 19 Dec 2015 00:07
 Operator : UM/SJ
 Sample : G4800-07RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Quant Time: Dec 19 04:19:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	67348	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	208589	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	99054	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	185233	20.00	ng	0.00
75) Chrysene-d12	14.03	240	146988	20.00	ng	0.00
86) Perylene-d12	15.47	264	123683	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	225333	52.36	ng	0.00
7) Phenol-d6	6.51	99	178966	33.97	ng	0.00
23) Nitrobenzene-d5	7.44	82	451274	123.47	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	179355	164.36	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	741032	110.11	ng	-0.01
78) Terphenyl-d14	12.98	244	517922	82.17	ng	0.00

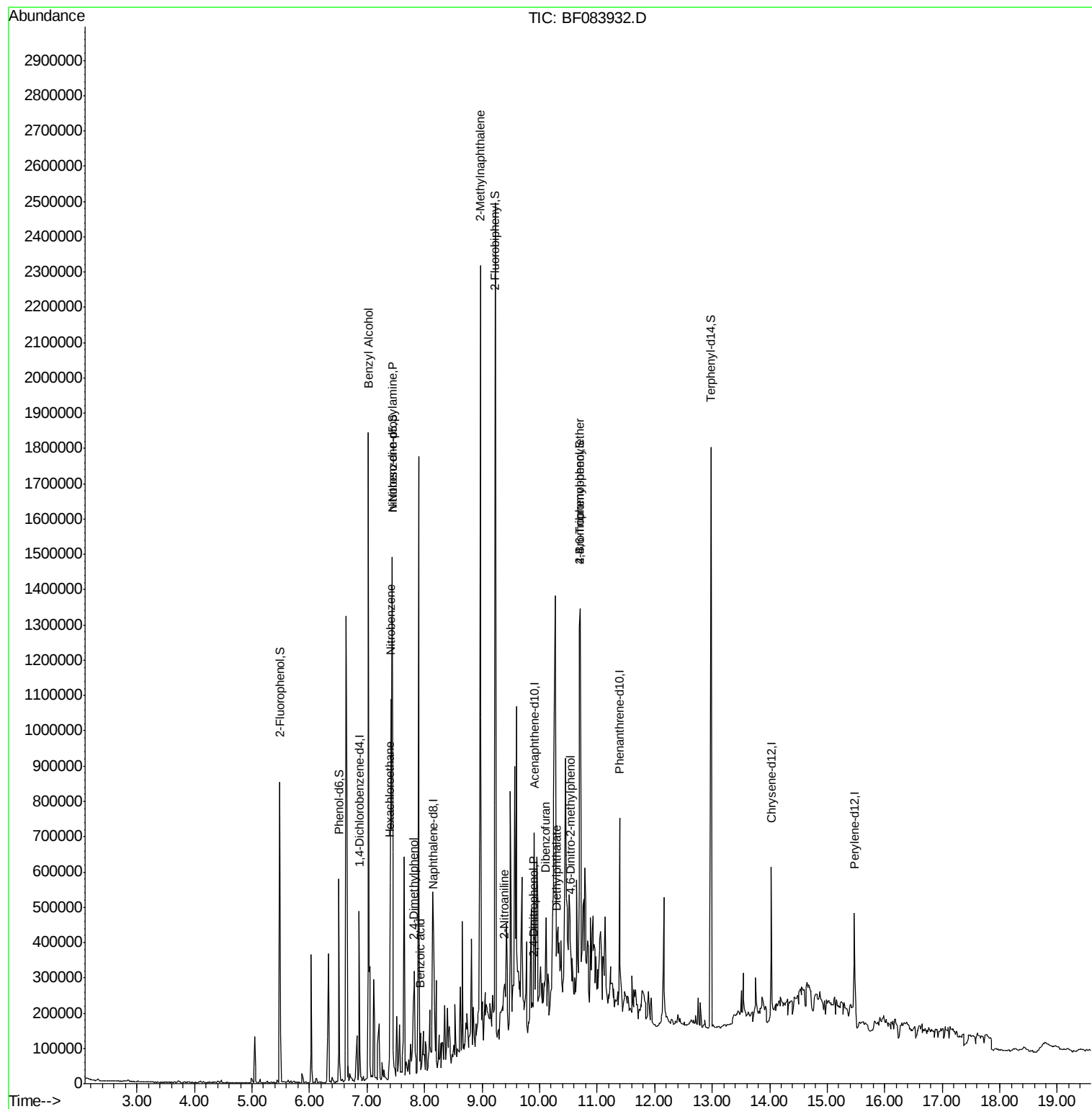
Target Compounds				Qvalue			
14) 1,2-Dichlorobenzene	7.04	146	4397	Below Cal	#	89	
15) Benzyl Alcohol	7.02	79	11220	2.81	ng	#	43
18) Hexachloroethane	7.40	117	107732	52.21	ng	#	52
19) n-Nitroso-di-n-propylamine	7.44	70	66473	21.65	ng	#	78
24) Nitrobenzene	7.41	77	38182	10.10	ng	#	22
27) 2,4-Dimethylphenol	7.81	122	12428	3.69	ng		95
31) Naphthalene	8.20	128	11069	Below Cal	#	1	
32) Benzoic acid	7.93	122	2671	4.43	ng	#	1
37) 2-Methylnaphthalene	8.97	142	717552	98.98	ng	#	94
45) 1,1'-Biphenyl	9.23	154	2027	Below Cal	#	1	
46) 2-Chloronaphthalene	9.33	162	968	Below Cal	#	1	
47) 2-Nitroaniline	9.39	65	4943	2.52	ng	#	39
53) 2,4-Dinitrophenol	9.89	184	243	10.62	ng	#	1
54) Dibenzofuran	10.11	168	36927	4.00	ng	#	82
59) Diethylphthalate	10.29	149	36230	4.22	ng	#	52
64) 4,6-Dinitro-2-methylphenol	10.53	198	1679	5.28	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	11531	5.09	ng	#	1
77) Pyrene	12.83	202	1092	Below Cal	#	1	

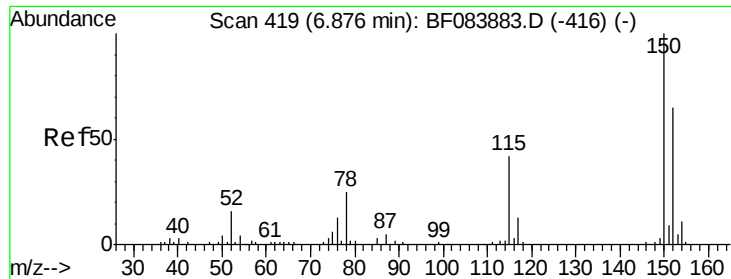
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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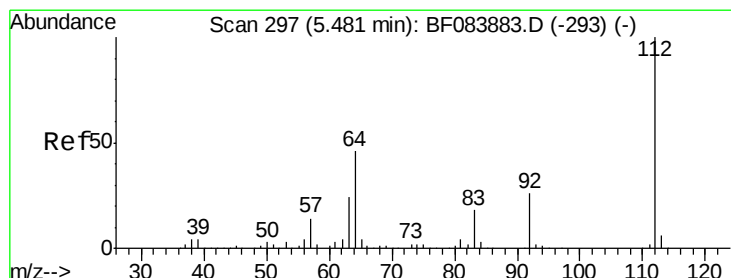
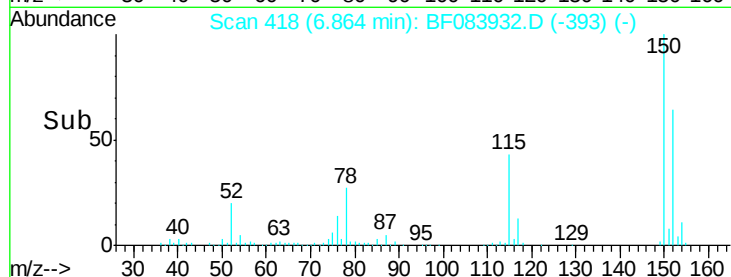
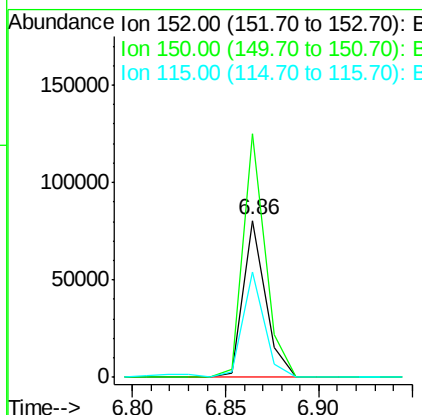
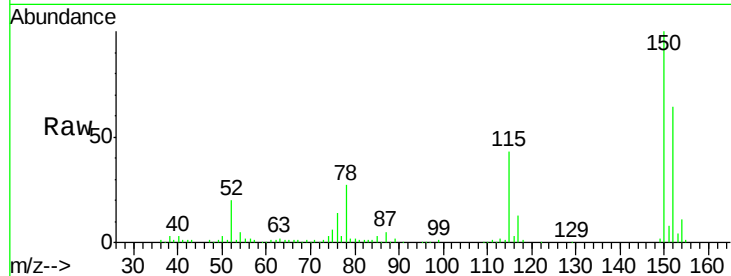




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

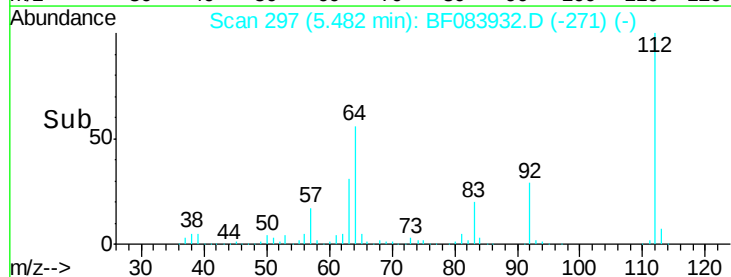
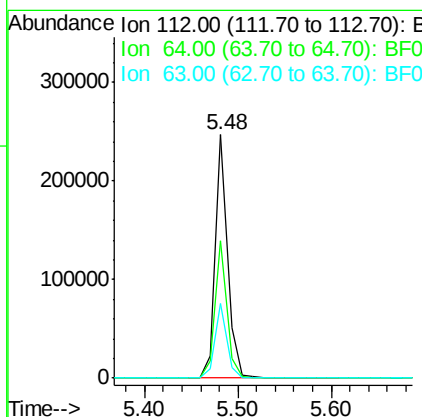
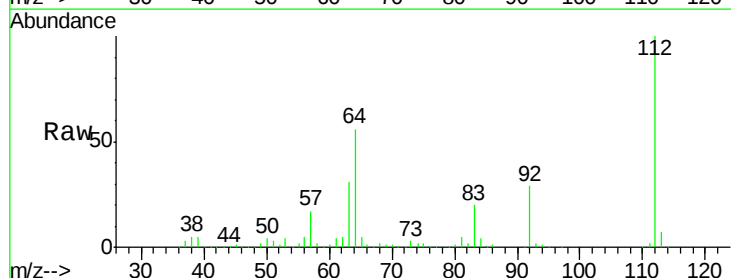
Instrument :
 BNA_F
 ClientSampleId :
 W-03

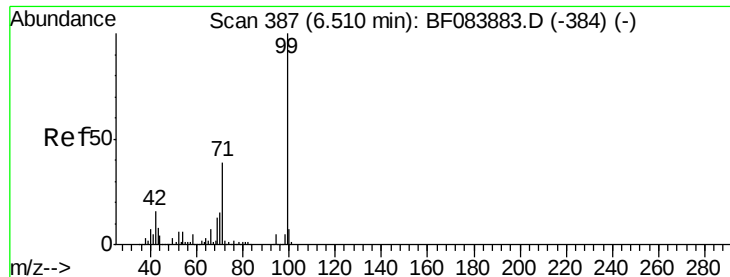
Tgt Ion:152 Resp: 67348
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.0 184.4
 115 67.4 51.4 77.2



#5
 2-Fluorophenol
 Concen: 52.36 ng
 RT: 5.48 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

Tgt Ion:112 Resp: 225333
 Ion Ratio Lower Upper
 112 100
 64 56.3 36.6 55.0#
 63 30.5 19.4 29.0#





#7

Phenol-d6

Concen: 33.97 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF083932.D

Acq: 19 Dec 2015 00:07

Instrument :

BNA_F

ClientSampleId :

W-03

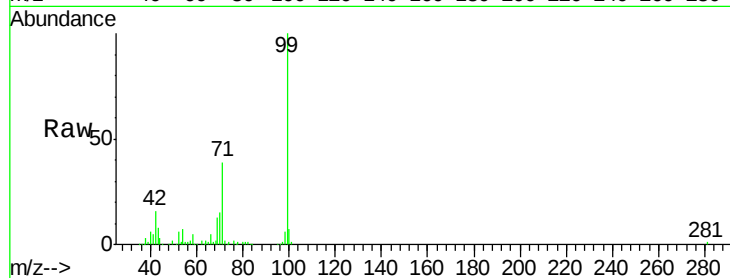
Tgt Ion: 99 Resp: 178966

Ion Ratio Lower Upper

99 100

42 15.5 12.8 19.2

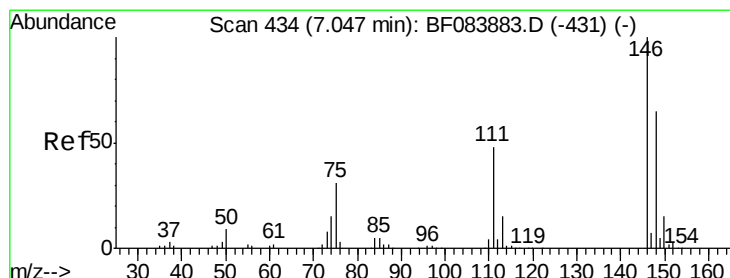
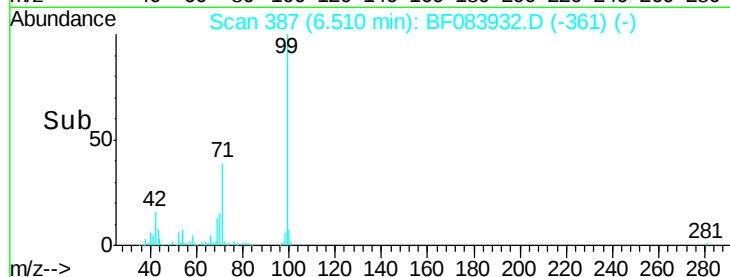
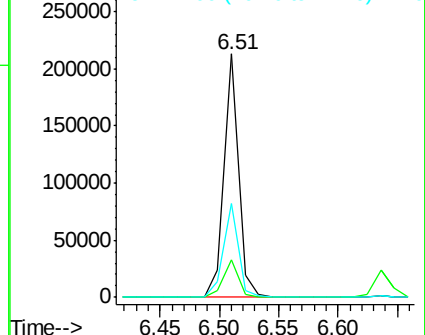
71 38.6 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#14

1,2-Dichlorobenzene

Concen: Below Cal

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF083932.D

Acq: 19 Dec 2015 00:07

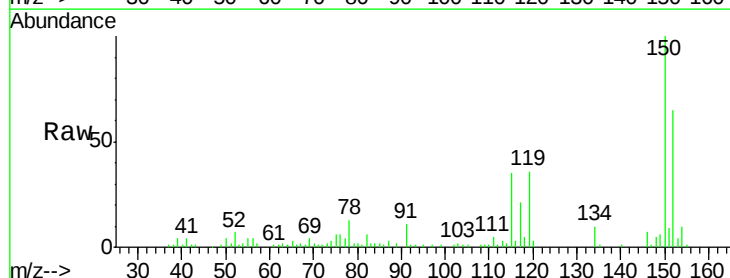
Tgt Ion: 146 Resp: 4397

Ion Ratio Lower Upper

146 100

148 61.7 51.6 77.4

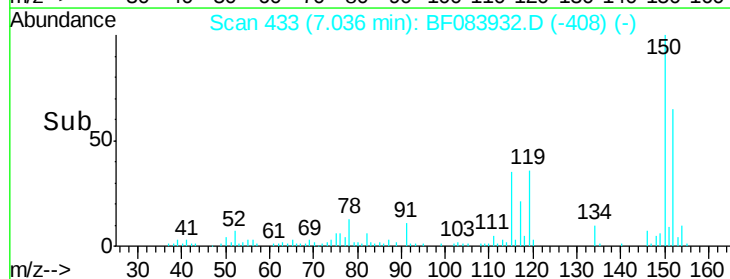
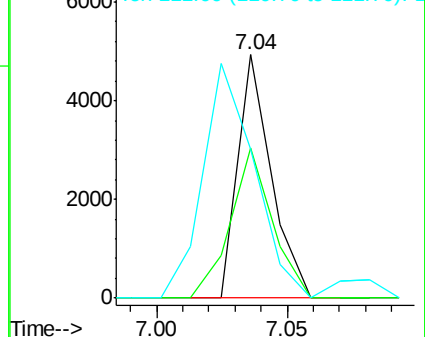
111 61.4 38.0 57.0#

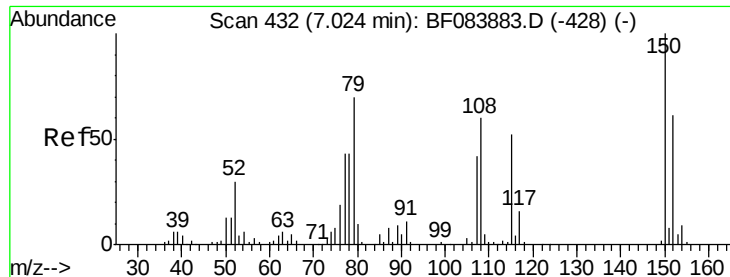


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

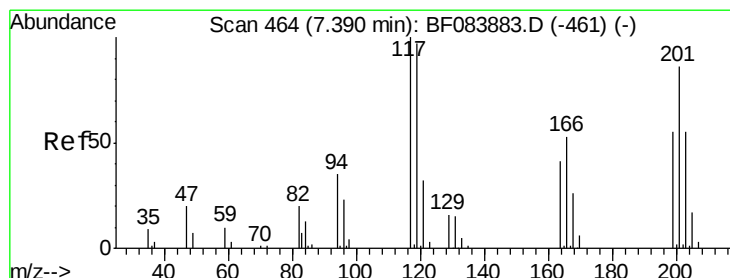
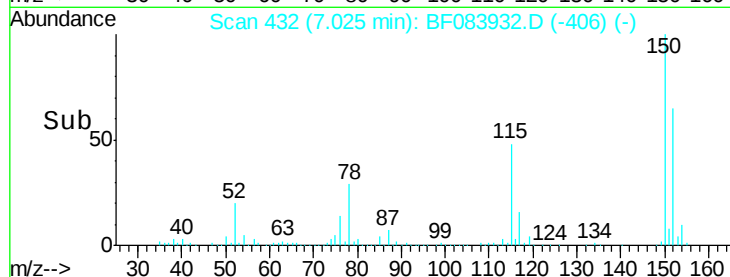
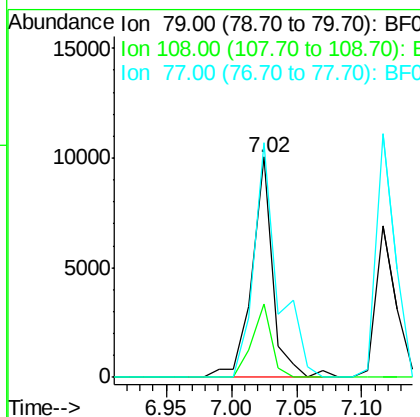
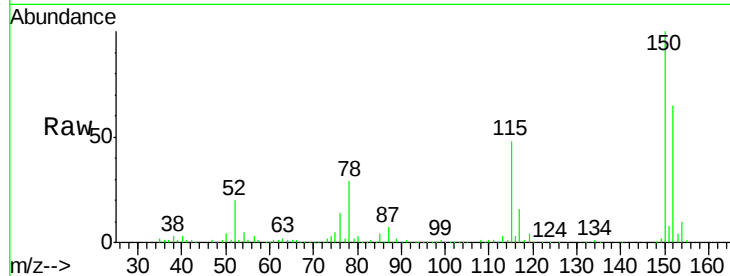




#15
Benzyl Alcohol
Concen: 2.81 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF083932.D
Acq: 19 Dec 2015 00:07

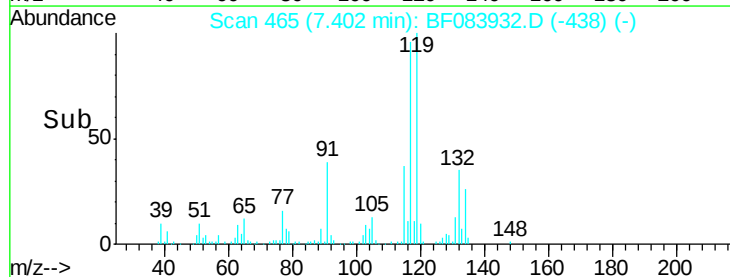
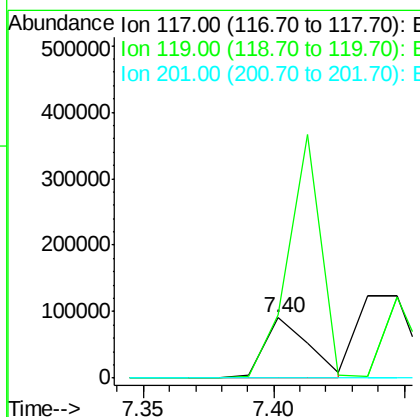
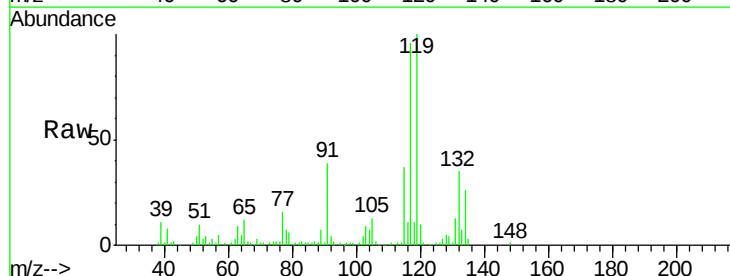
Instrument :
BNA_F
ClientSampleId :
W-03

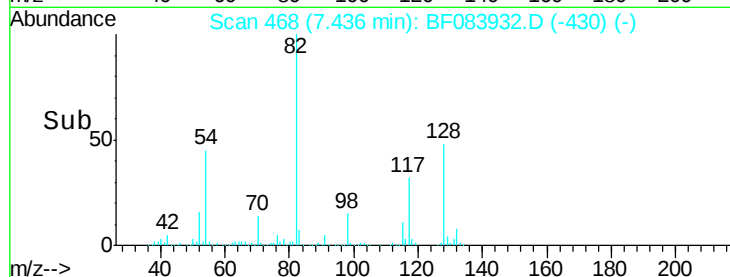
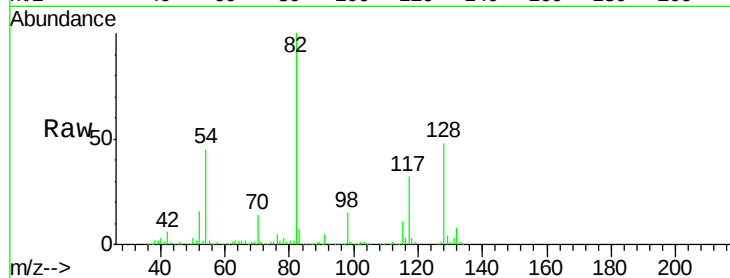
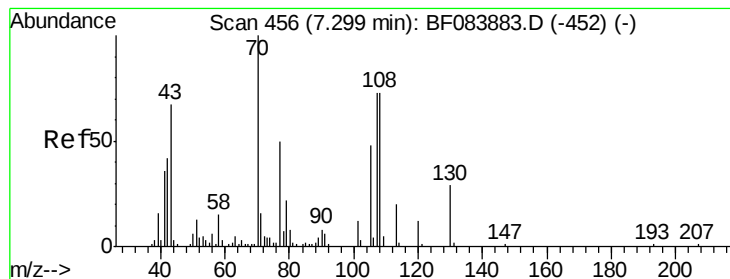
Tgt Ion: 79 Resp: 11220
Ion Ratio Lower Upper
79 100
108 33.1 69.0 103.4#
77 106.4 50.0 75.0#



#18
Hexachloroethane
Concen: 52.21 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF083932.D
Acq: 19 Dec 2015 00:07

Tgt Ion: 117 Resp: 107732
Ion Ratio Lower Upper
117 100
119 103.9 77.4 116.0
201 0.0 68.6 103.0#





#19

n-Nitroso-di-n-propylamine

Concen: 21.65 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF083932.D

Acq: 19 Dec 2015 00:07

Instrument :

BNA_F

ClientSampleId :

W-03

Tgt Ion: 70 Resp: 66473

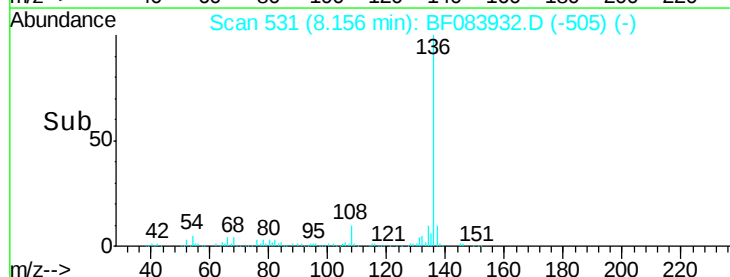
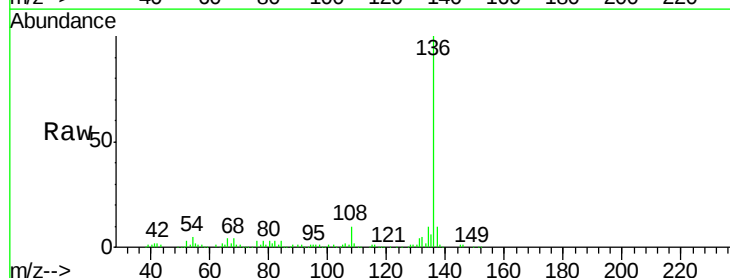
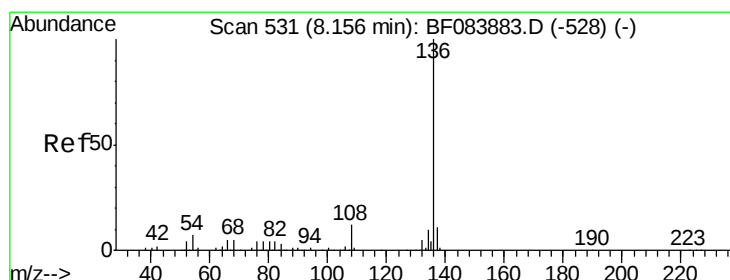
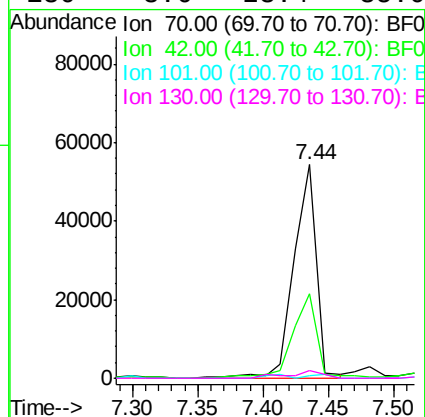
Ion Ratio Lower Upper

70 100

42 39.3 33.3 49.9

101 1.4 9.3 13.9#

130 3.6 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF083932.D

Acq: 19 Dec 2015 00:07

Tgt Ion: 136 Resp: 208589

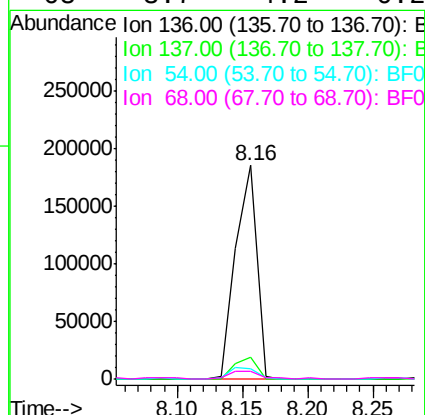
Ion Ratio Lower Upper

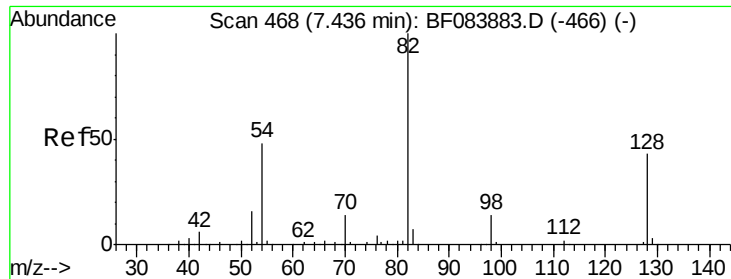
136 100

137 10.4 8.7 13.1

54 4.8 5.8 8.8#

68 3.7 4.2 6.2#

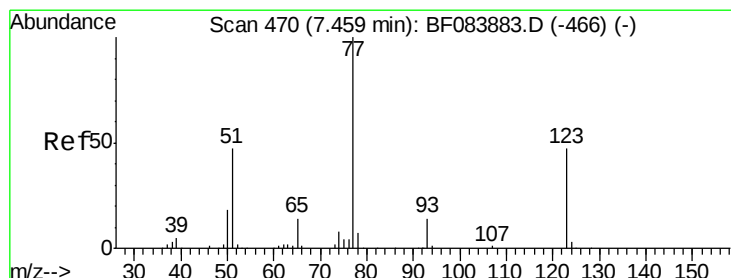
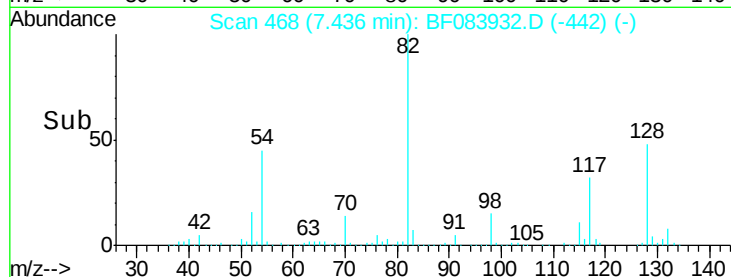
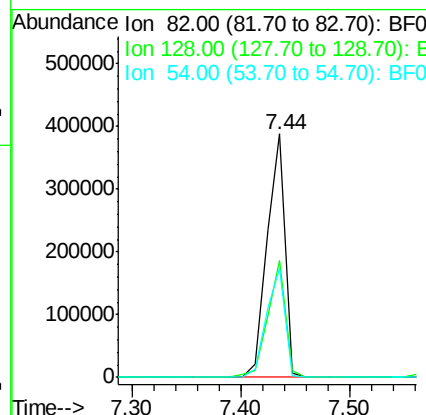
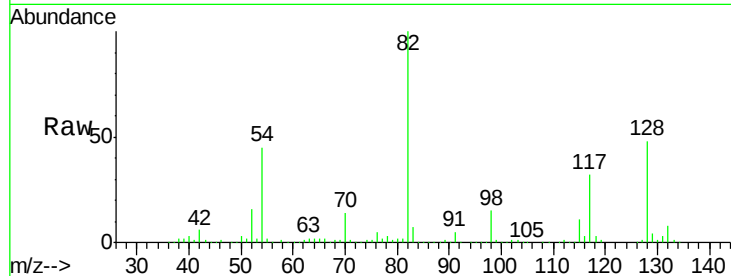




#23
 Nitrobenzene-d5
 Concen: 123.47 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

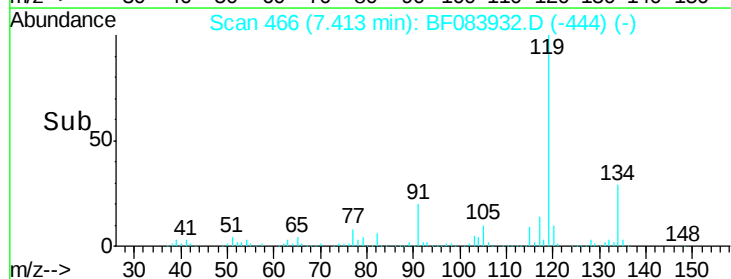
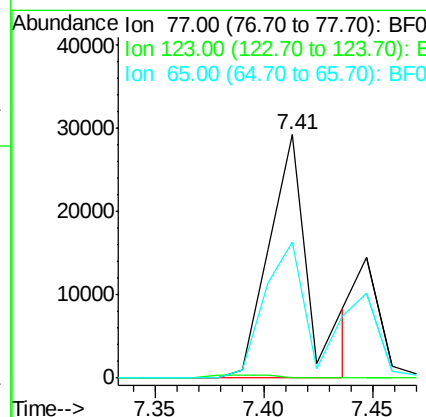
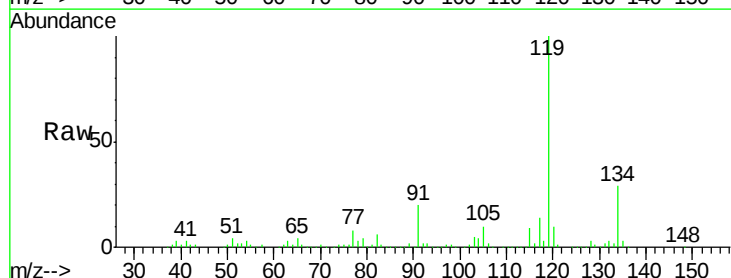
Instrument :
 BNA_F
 ClientSampled :
 W-03

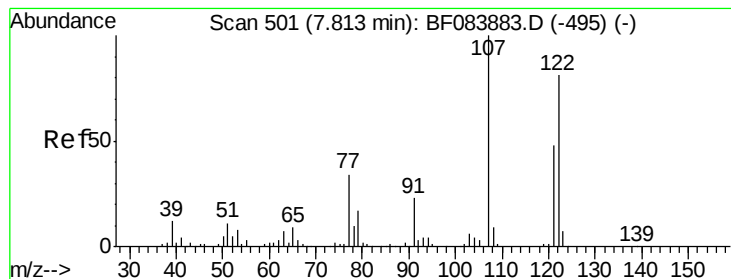
Tgt Ion: 82 Resp: 451274
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.6 51.8
 54 45.1 38.4 57.6



#24
 Nitrobenzene
 Concen: 10.10 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.05 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

Tgt Ion: 77 Resp: 38182
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.4 56.2#
 65 56.1 10.9 16.3#





#27

2,4-Dimethylphenol

Concen: 3.69 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF083932.D

Acq: 19 Dec 2015 00:07

Instrument :

BNA_F

ClientSampleId :

W-03

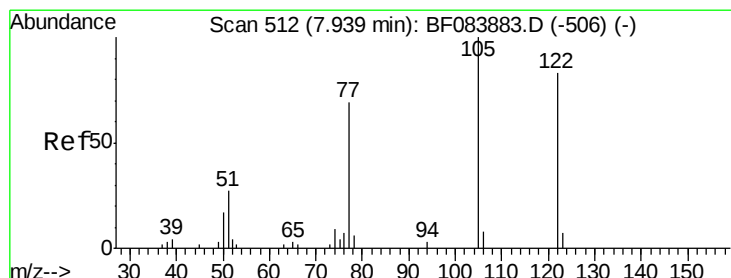
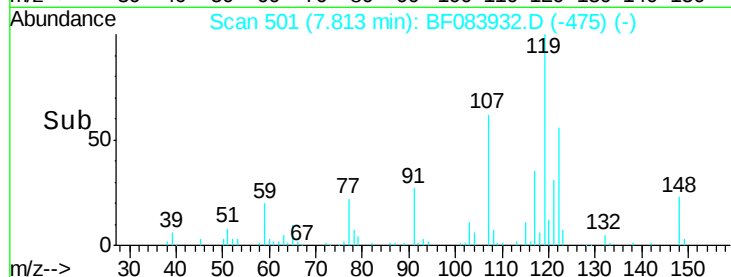
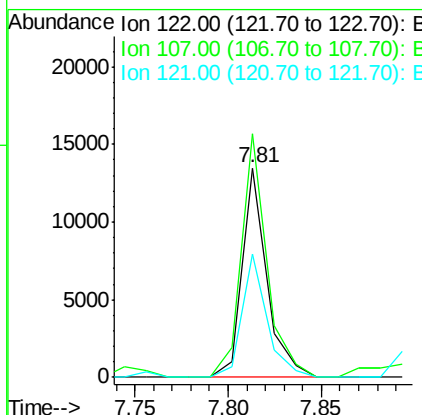
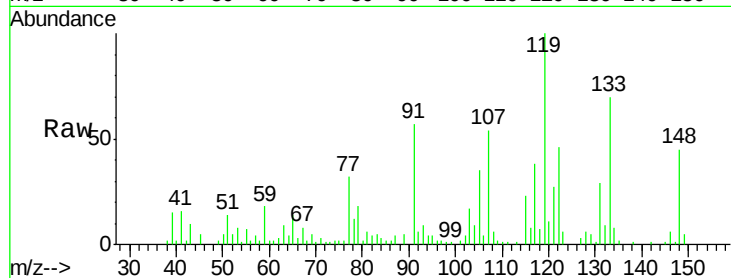
Tgt Ion:122 Resp: 12428

Ion Ratio Lower Upper

122 100

107 116.1 99.1 148.7

121 59.1 47.9 71.9



#32

Benzoic acid

Concen: 4.43 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF083932.D

Acq: 19 Dec 2015 00:07

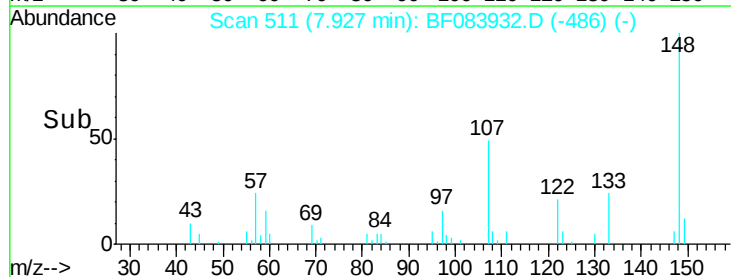
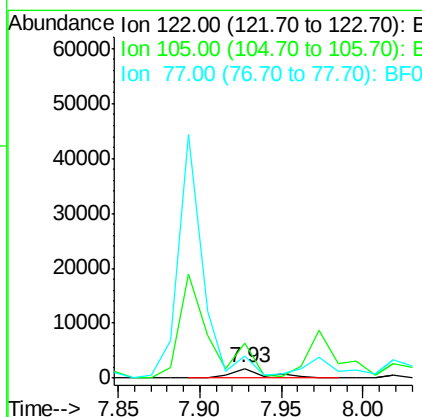
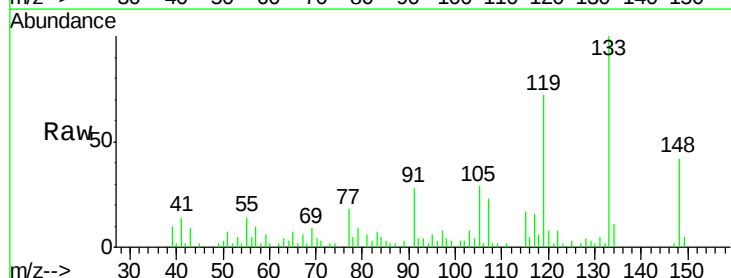
Tgt Ion:122 Resp: 2671

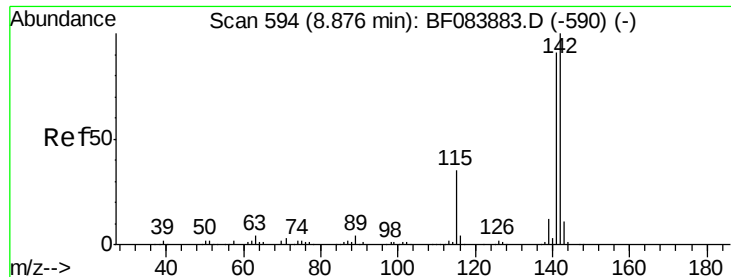
Ion Ratio Lower Upper

122 100

105 350.3 100.3 140.3#

77 218.5 63.5 103.5#

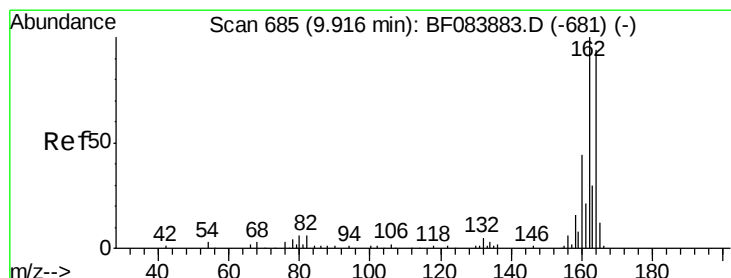
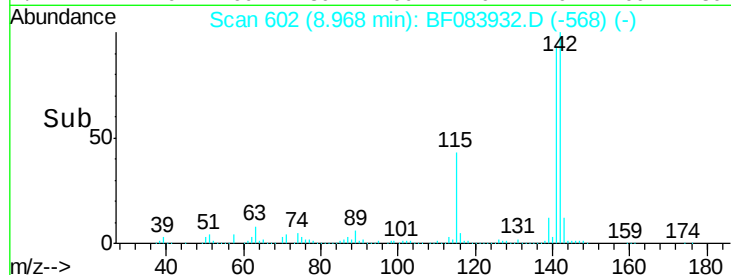
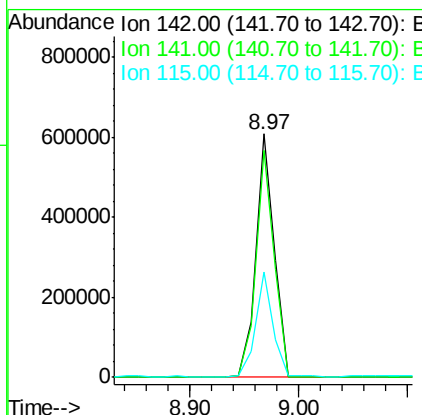
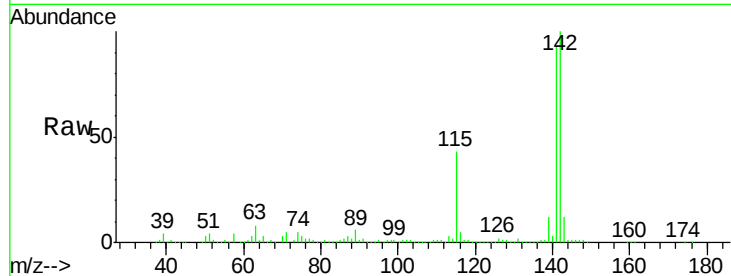




#37
 2-Methylnaphthalene
 Concen: 98.98 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.09 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

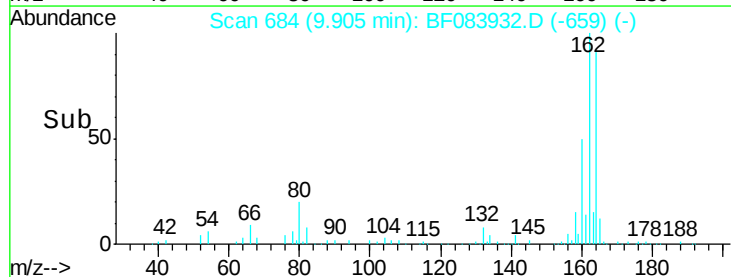
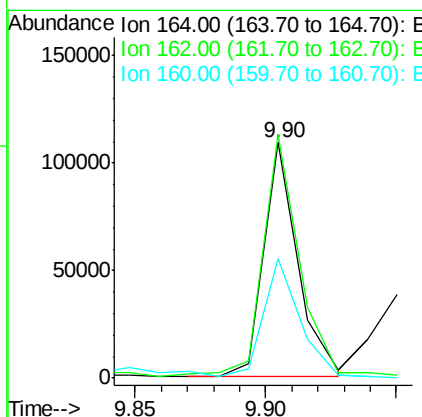
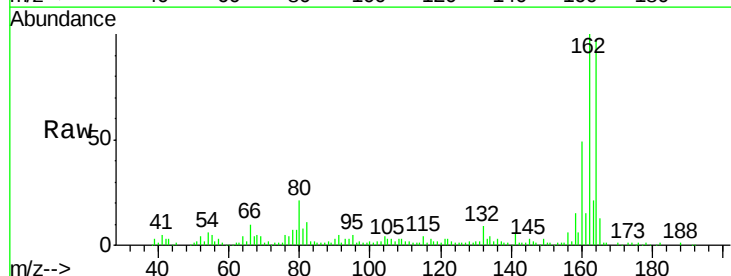
Instrument :
 BNA_F
 ClientSampleId :
 W-03

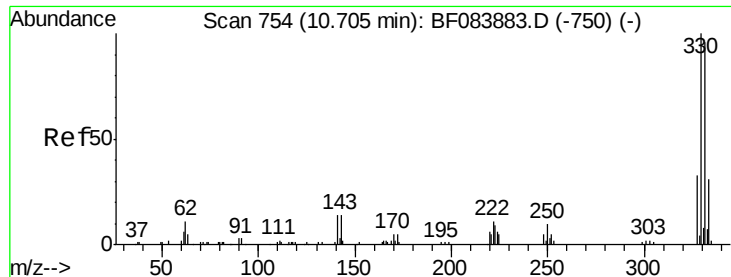
Tgt Ion:142 Resp: 717552
 Ion Ratio Lower Upper
 142 100
 141 93.5 72.4 108.6
 115 43.4 27.9 41.9#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

Tgt Ion:164 Resp: 99054
 Ion Ratio Lower Upper
 164 100
 162 103.3 85.1 127.7
 160 50.8 37.5 56.3

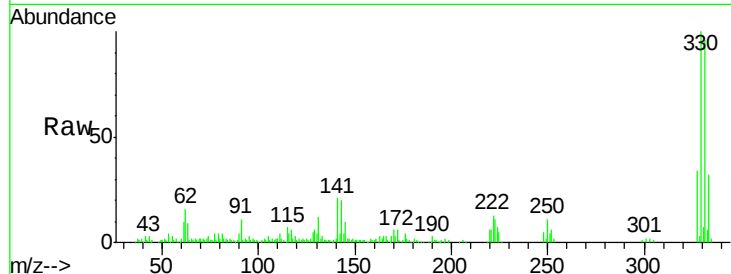




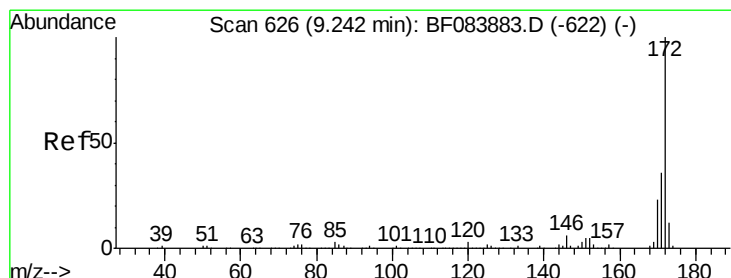
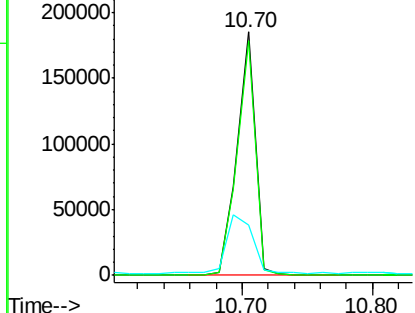
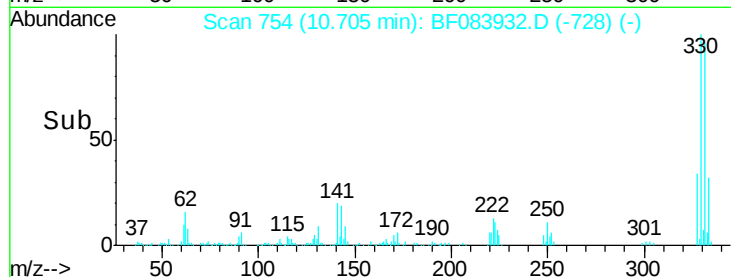
#41
 2,4,6-Tribromophenol
 Concen: 164.36 ng
 RT: 10.70 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	35.6	27.8	41.6

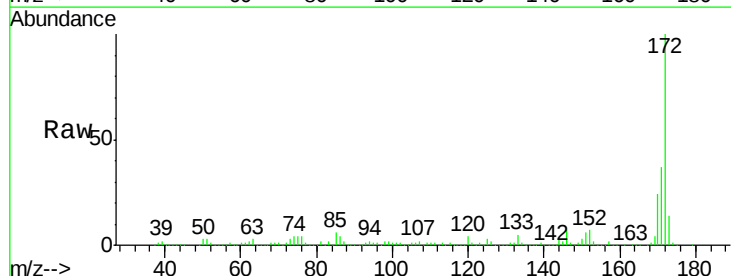


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

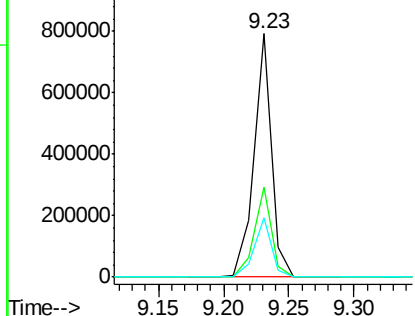
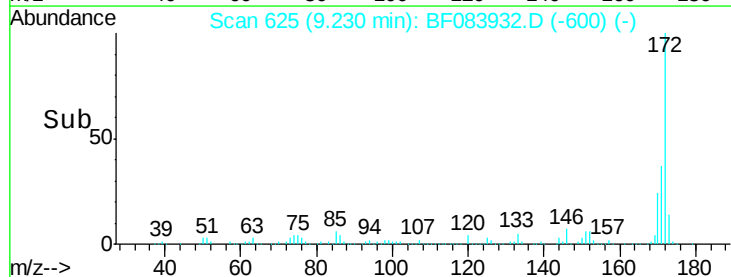


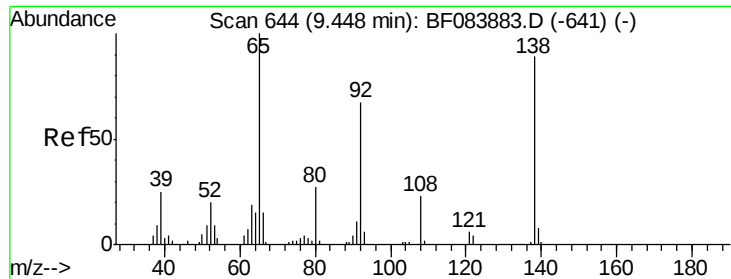
#44
 2-Fluorobiphenyl
 Concen: 110.11 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.3	18.6	27.8



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

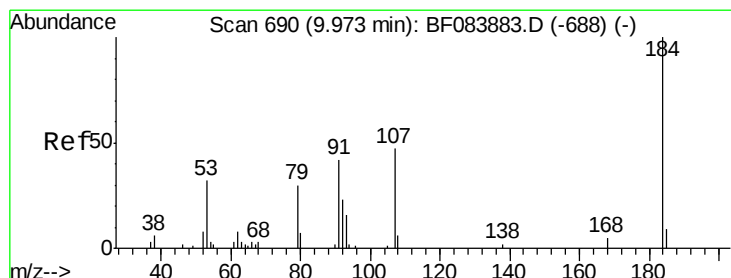
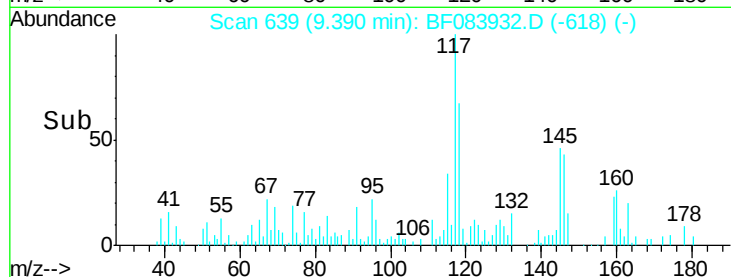
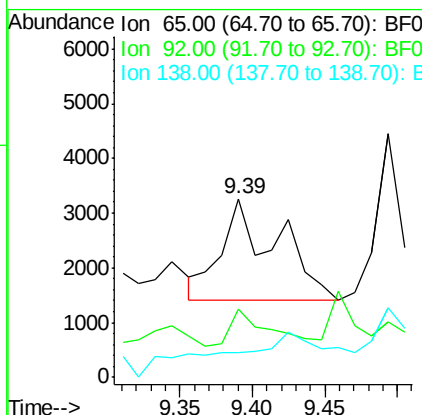
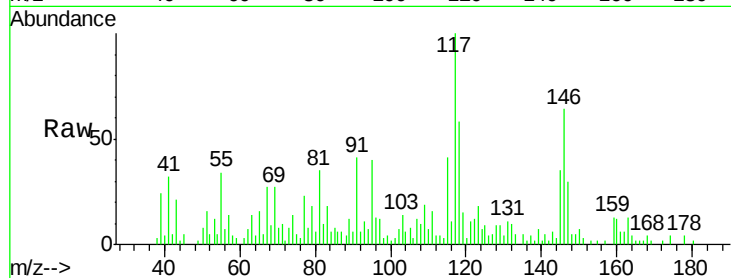




#47
2-Nitroaniline
Concen: 2.52 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.06 min
Lab File: BF083932.D
Acq: 19 Dec 2015 00:07

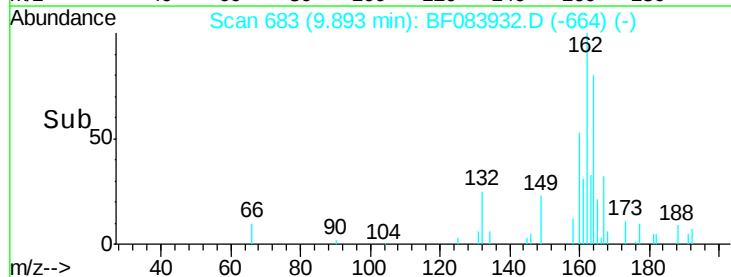
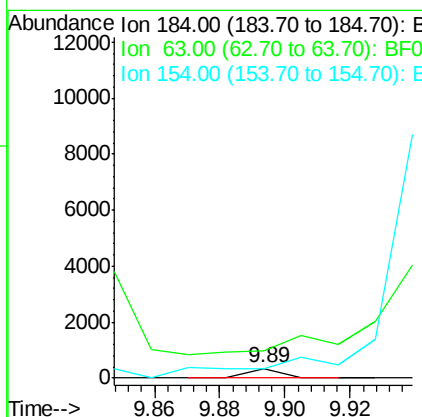
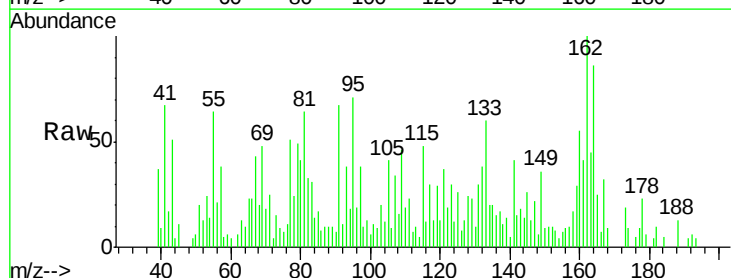
Instrument :
BNA_F
ClientSampled :
W-03

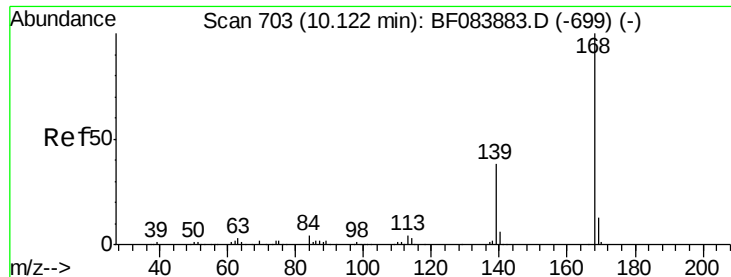
Tgt Ion: 65 Resp: 4943
Ion Ratio Lower Upper
65 100
92 38.3 53.4 80.2#
138 14.1 71.1 106.7#



#53
2,4-Dinitrophenol
Concen: 10.62 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF083932.D
Acq: 19 Dec 2015 00:07

Tgt Ion: 184 Resp: 243
Ion Ratio Lower Upper
184 100
63 280.8 43.1 64.7#
154 90.1 60.5 90.7

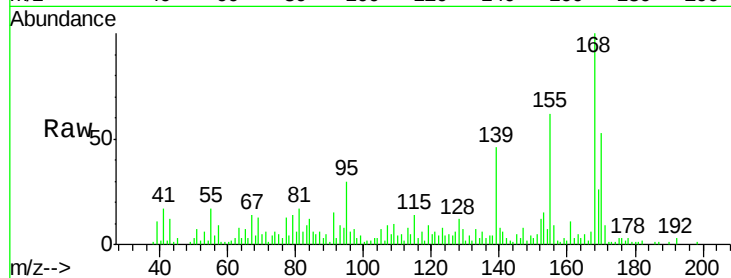




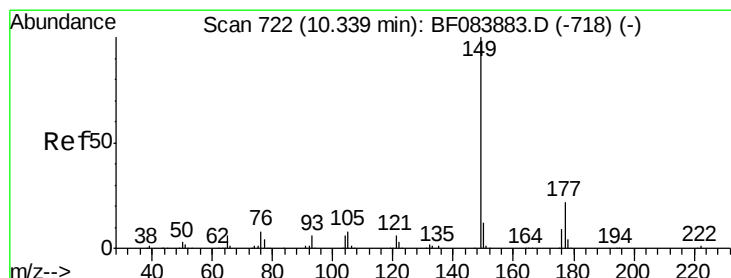
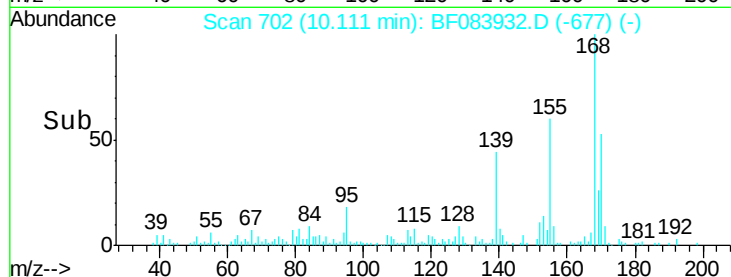
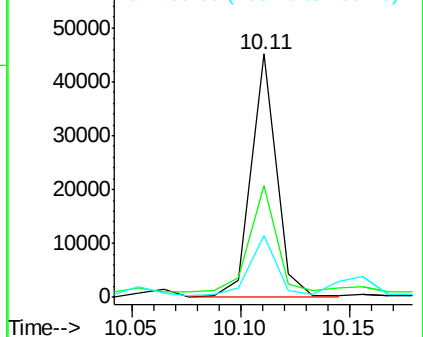
#54
Dibenzofuran
Concen: 4.00 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF083932.D
Acq: 19 Dec 2015 00:07

Instrument :
BNA_F
ClientSampleId :
W-03

Tgt Ion:168 Resp: 36927
Ion Ratio Lower Upper
168 100
139 45.8 30.5 45.7#
169 25.5 10.4 15.6#

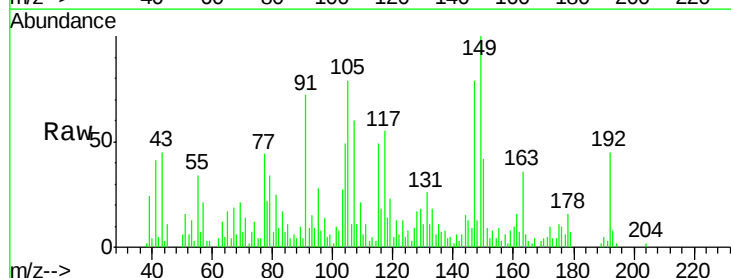


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

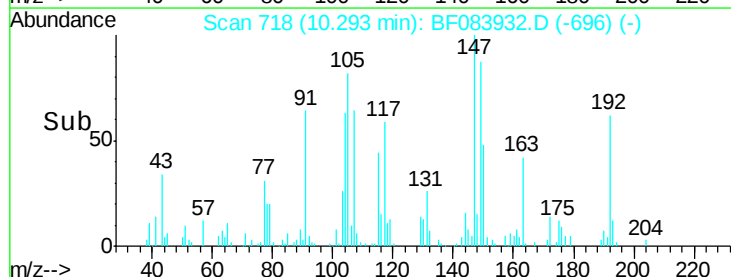
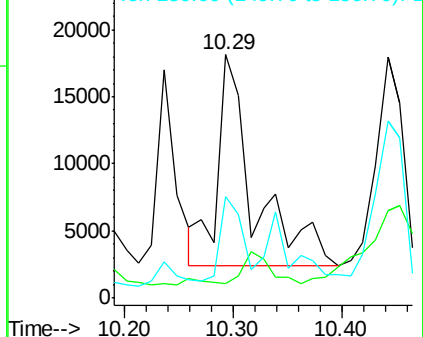


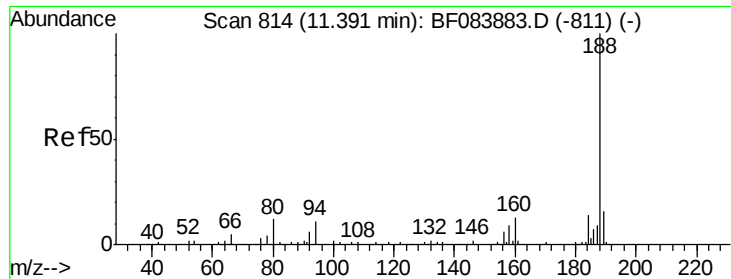
#59
Diethylphthalate
Concen: 4.22 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.05 min
Lab File: BF083932.D
Acq: 19 Dec 2015 00:07

Tgt Ion:149 Resp: 36230
Ion Ratio Lower Upper
149 100
177 6.2 17.3 25.9#
150 41.8 9.8 14.8#



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

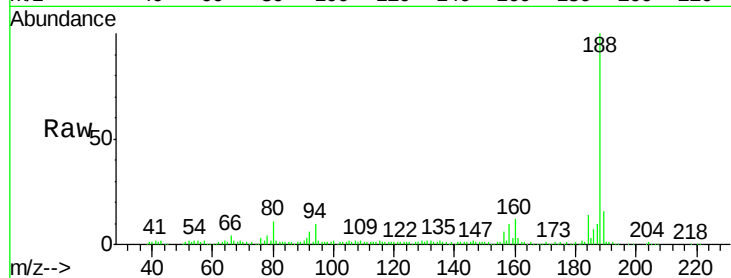




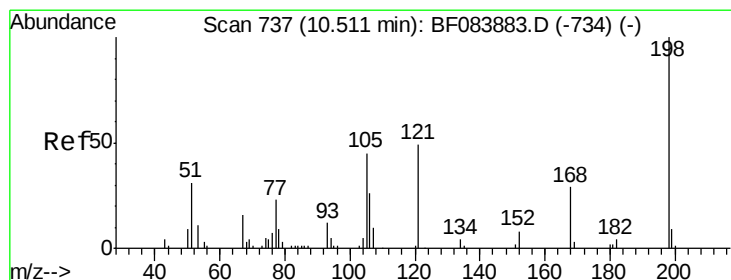
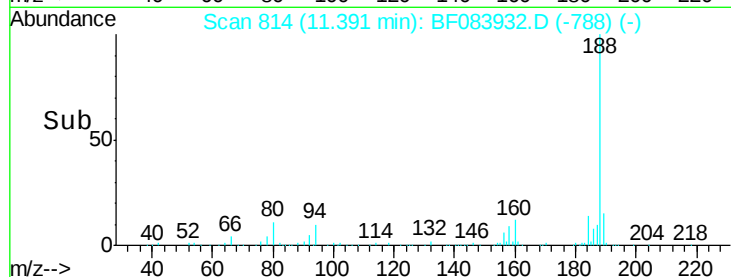
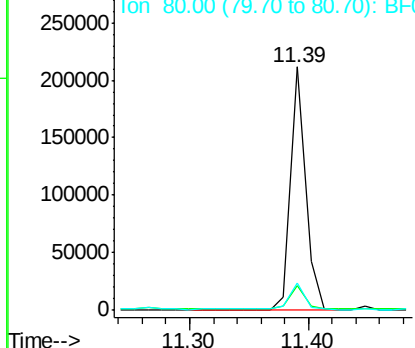
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF083932.D
Acq: 19 Dec 2015 00:07

Instrument :
BNA_F
ClientSampleId :
W-03

Tgt Ion:188 Resp: 185233
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.4
80 11.2 9.6 14.4

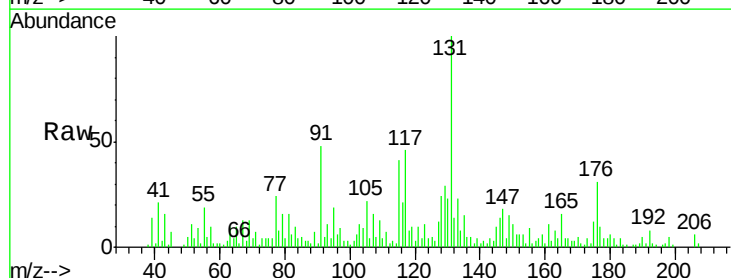


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

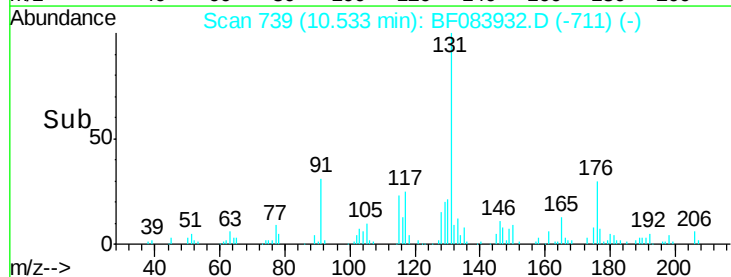
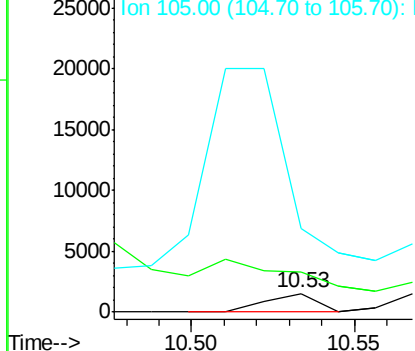


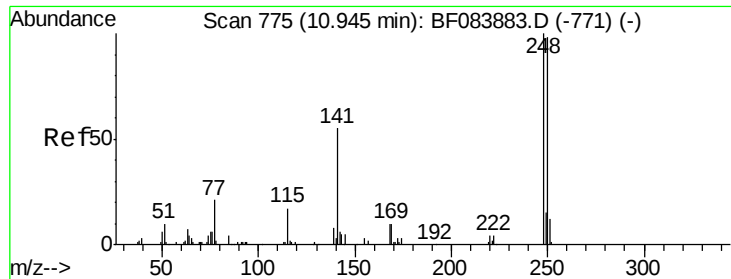
#64
4,6-Dinitro-2-methylphenol
Concen: 5.28 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.02 min
Lab File: BF083932.D
Acq: 19 Dec 2015 00:07

Tgt Ion:198 Resp: 1679
Ion Ratio Lower Upper
198 100
51 212.3 18.9 58.9#
105 440.2 26.4 66.4#



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

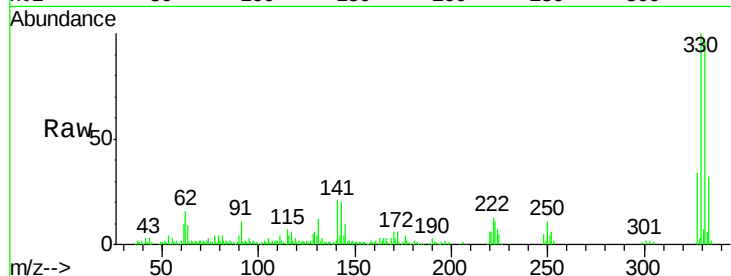




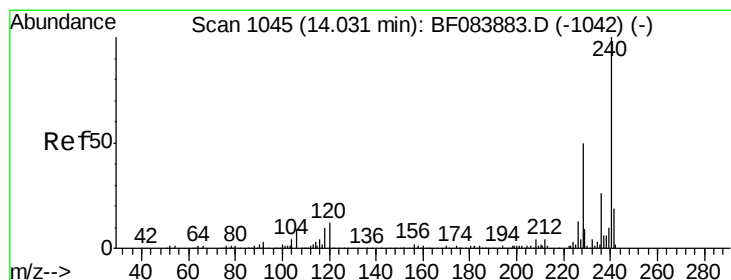
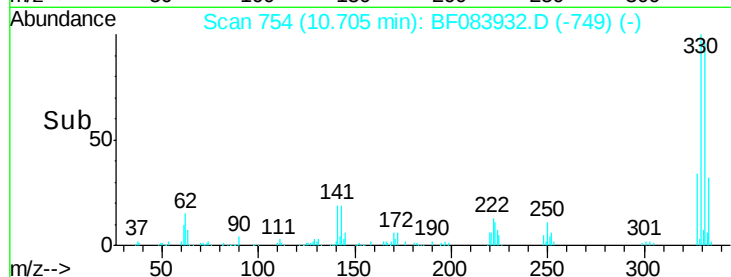
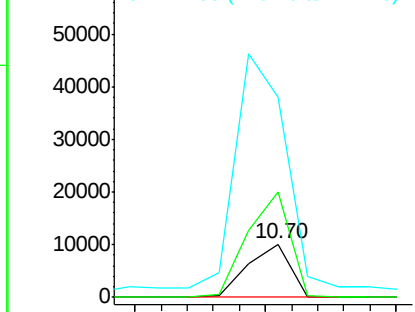
#66
 4-Bromophenyl-phenylether
 Concen: 5.09 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.24 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Tgt Ion:248 Resp: 11531
 Ion Ratio Lower Upper
 248 100
 250 197.0 78.4 117.6#
 141 374.7 44.0 66.0#

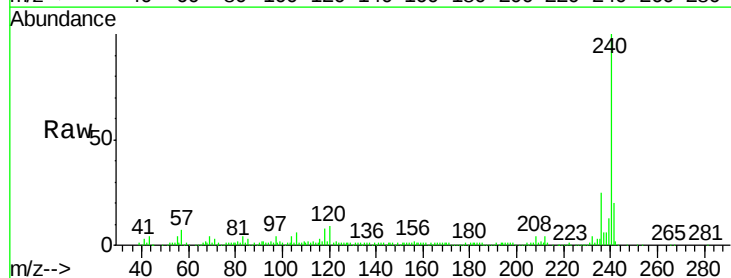


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

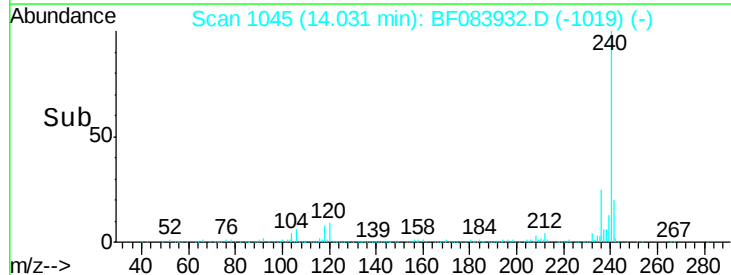
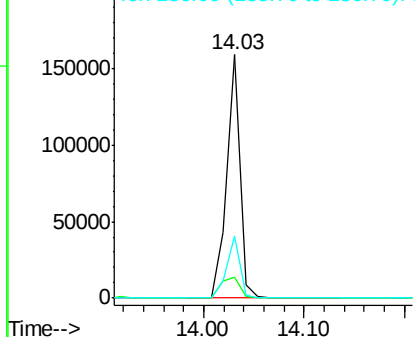


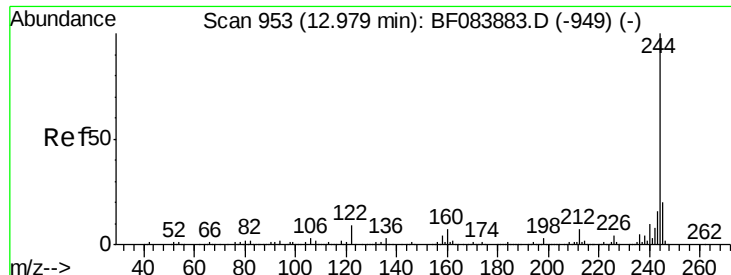
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF083932.D
 Acq: 19 Dec 2015 00:07

Tgt Ion:240 Resp: 146988
 Ion Ratio Lower Upper
 240 100
 120 8.8 9.5 14.3#
 236 25.4 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.17 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083932.D

Acq: 19 Dec 2015 00:07

Instrument :

BNA_F

ClientSampleId :

W-03

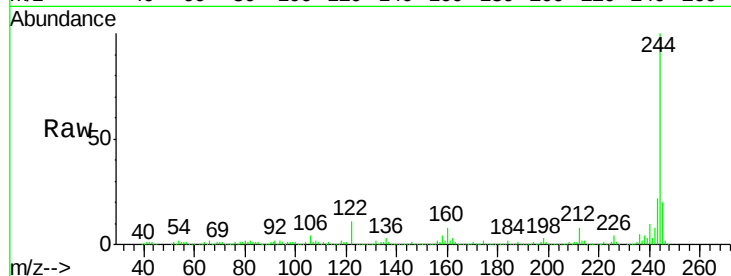
Tgt Ion:244 Resp: 517922

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

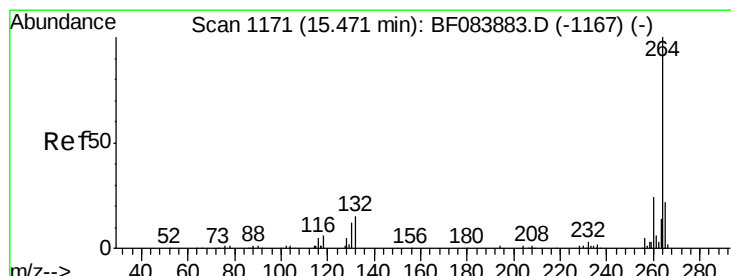
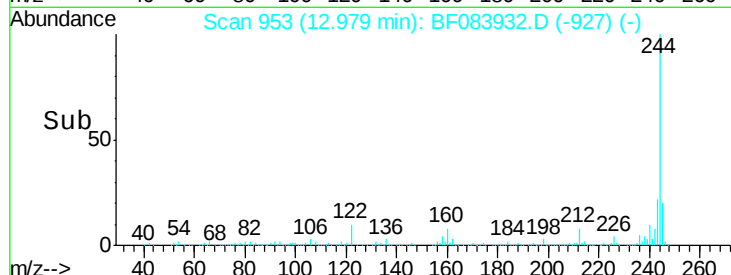
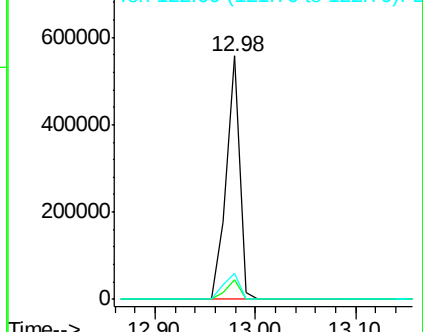
122 10.6 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF083932.D

Acq: 19 Dec 2015 00:07

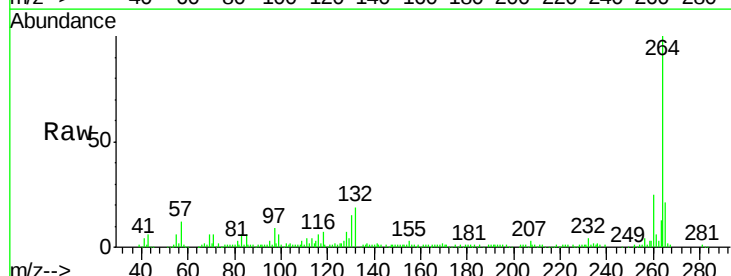
Tgt Ion:264 Resp: 123683

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.1 17.8 26.6



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

