

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
 Data File : BF084051.D
 Acq On : 23 Dec 2015 23:33
 Operator : UM/SJ
 Sample : G4907-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Dec 24 00:40:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

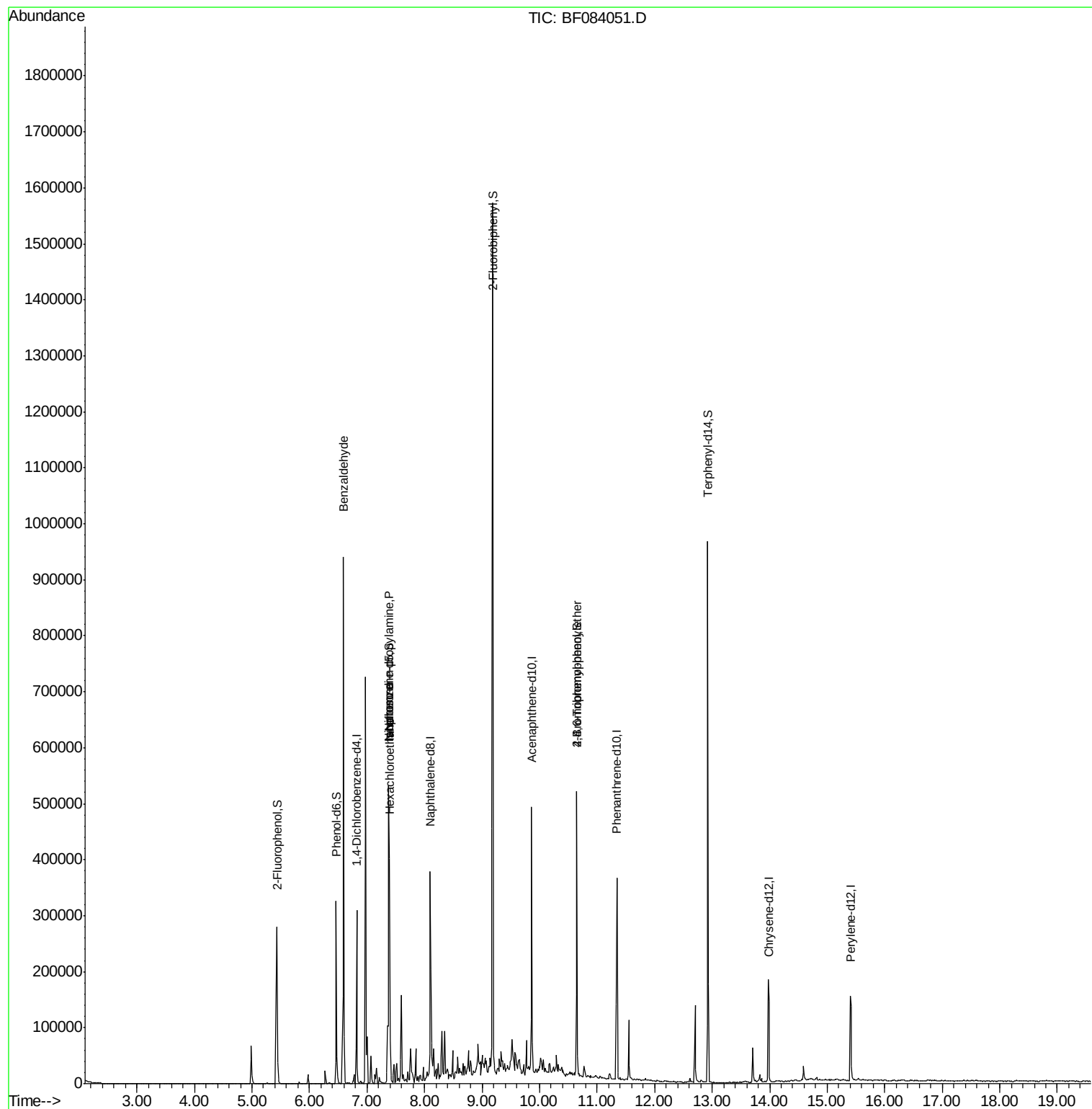
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	47508	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	180338	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	87225	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	135231	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	85139	20.00	ng	-0.01
86) Perylene-d12	15.41	264	83360	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	126914	45.55	ng	0.00
7) Phenol-d6	6.46	99	108820	33.22	ng	-0.01
23) Nitrobenzene-d5	7.38	82	197675	67.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	58344	69.54	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	475700	73.40	ng	-0.01
78) Terphenyl-d14	12.92	244	270927	75.89	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.59	77	5613	2.57	ng	Qvalue 90
18) Hexachloroethane	7.39	117	58224	45.61	ng	# 10
19) n-Nitroso-di-n-propylamine	7.38	70	26754	13.48	ng	# 76
25) Isophorone	7.38	82	181299	32.59	ng	# 66
66) 4-Bromophenyl-phenylether	10.65	248	4299	2.77	ng	# 1

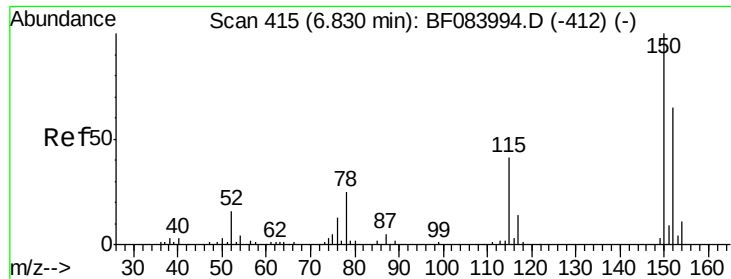
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084051.D

Acq: 23 Dec 2015 23:33

Instrument :

BNA_F

ClientSampleId :

MW-16

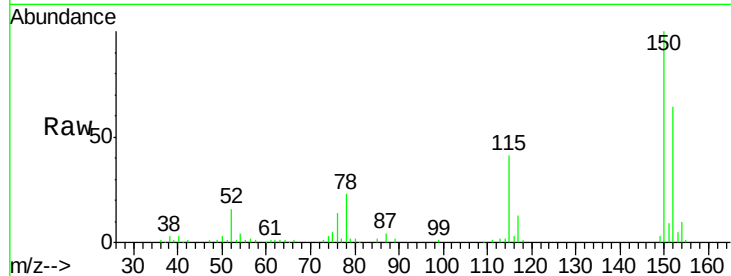
Tgt Ion:152 Resp: 47508

Ion Ratio Lower Upper

152 100

150 157.0 123.0 184.4

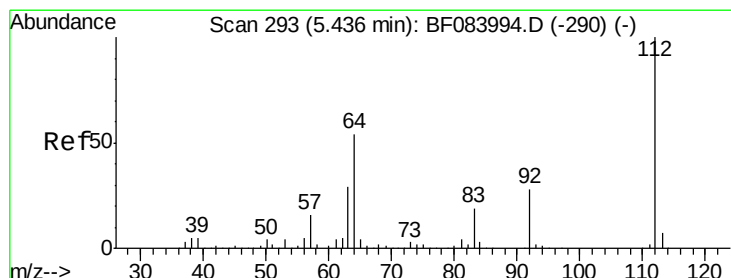
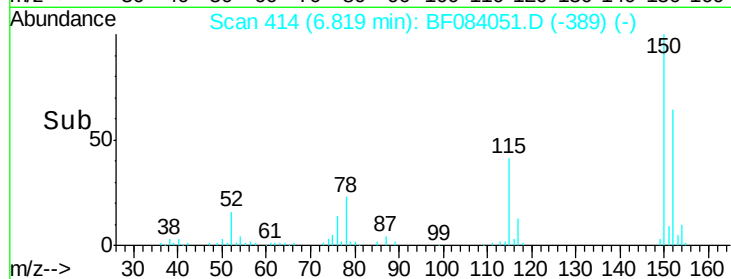
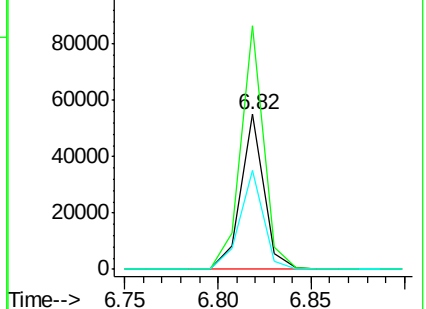
115 63.7 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 45.55 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084051.D

Acq: 23 Dec 2015 23:33

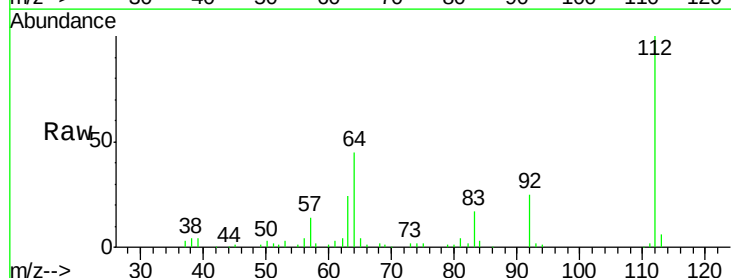
Tgt Ion:112 Resp: 126914

Ion Ratio Lower Upper

112 100

64 45.3 36.6 55.0

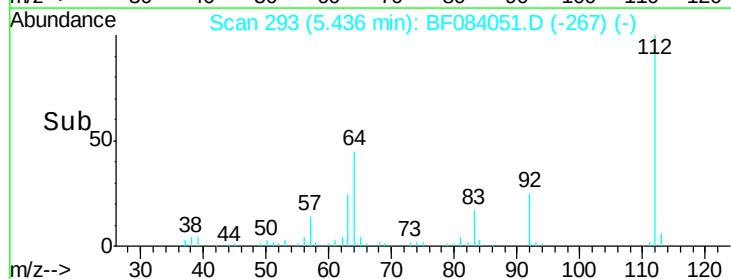
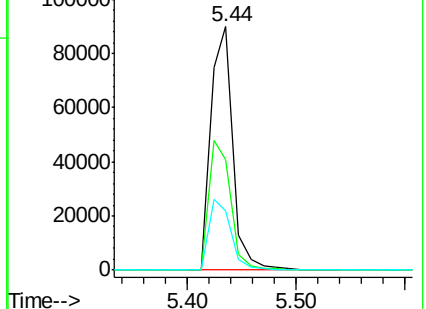
63 24.2 19.4 29.0

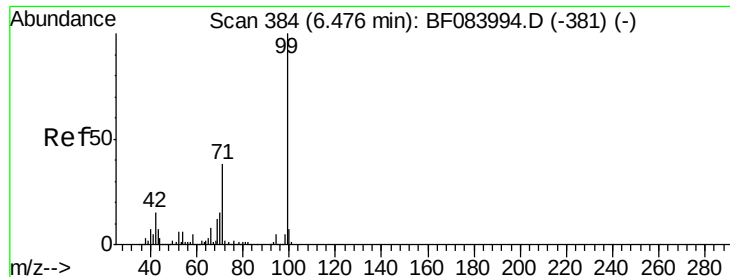


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.22 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084051.D

Acq: 23 Dec 2015 23:33

Instrument :

BNA_F

ClientSampleId :

MW-16

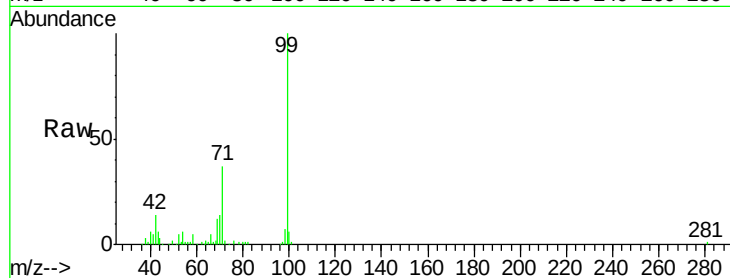
Tgt Ion: 99 Resp: 108820

Ion Ratio Lower Upper

99 100

42 13.7 12.8 19.2

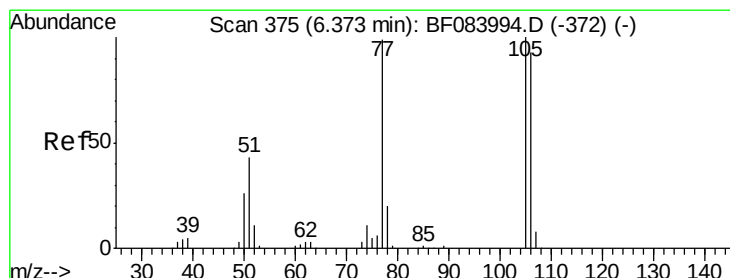
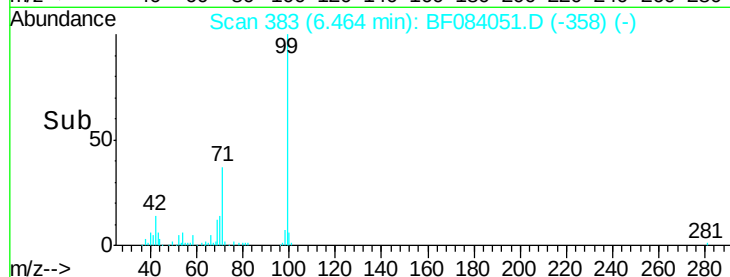
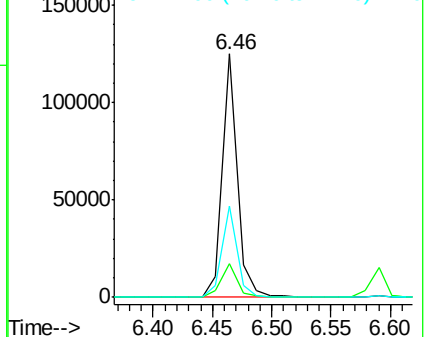
71 37.2 30.9 46.3



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



#9

Benzaldehyde

Concen: 2.57 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.22 min

Lab File: BF084051.D

Acq: 23 Dec 2015 23:33

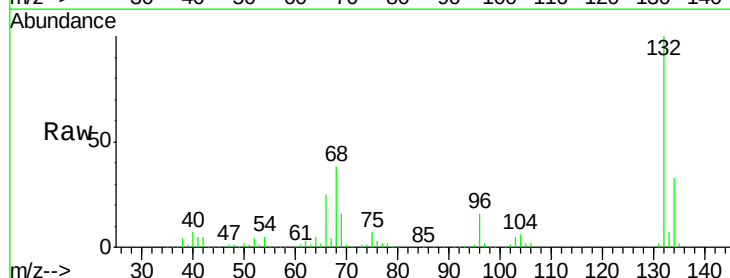
Tgt Ion: 77 Resp: 5613

Ion Ratio Lower Upper

77 100

105 89.9 83.0 123.0

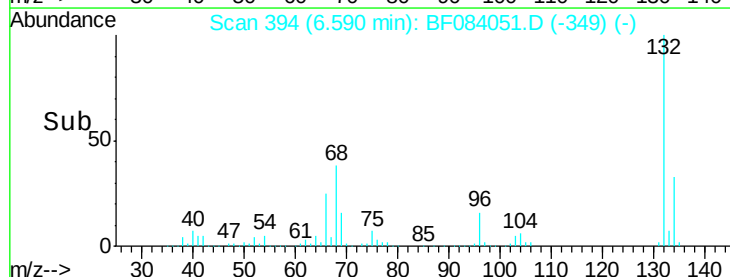
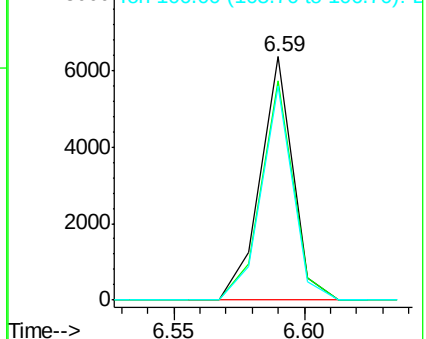
106 87.9 74.6 114.6

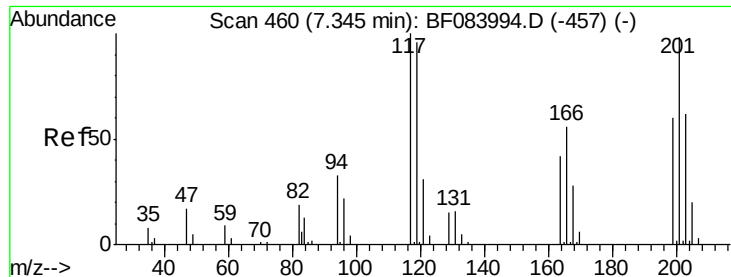


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

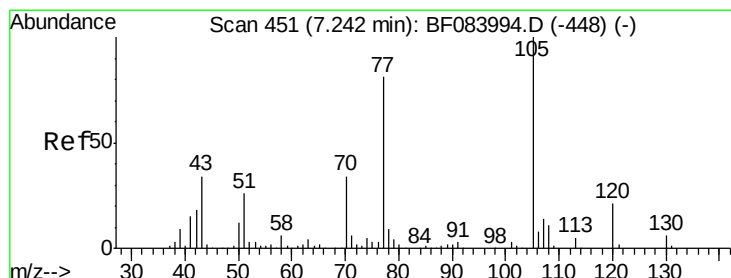
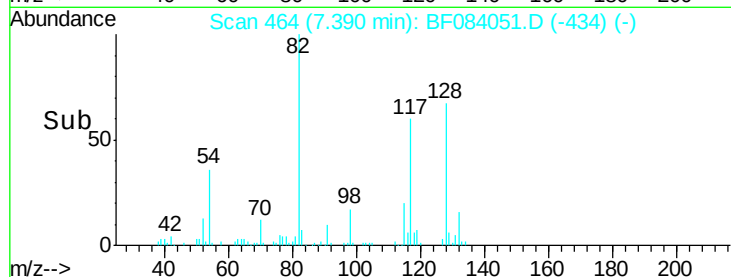
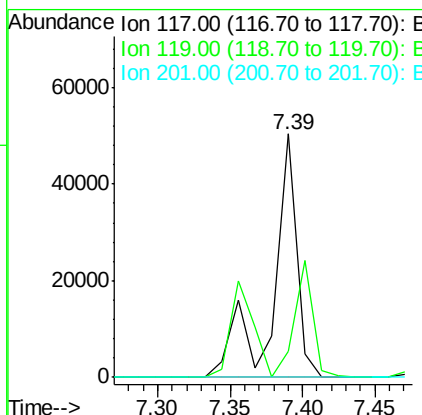
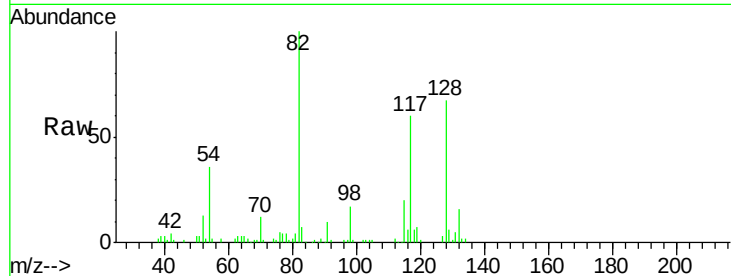




#18
Hexachloroethane
Concen: 45.61 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.05 min
Lab File: BF084051.D
Acq: 23 Dec 2015 23:33

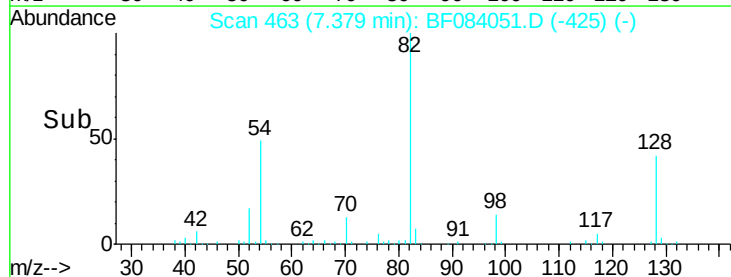
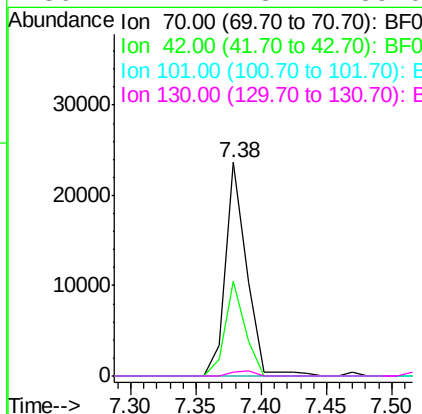
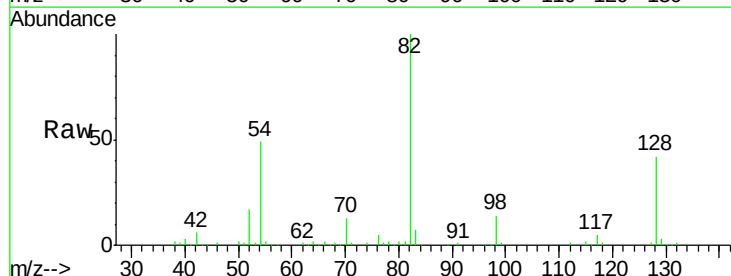
Instrument :
BNA_F
ClientSampleId :
MW-16

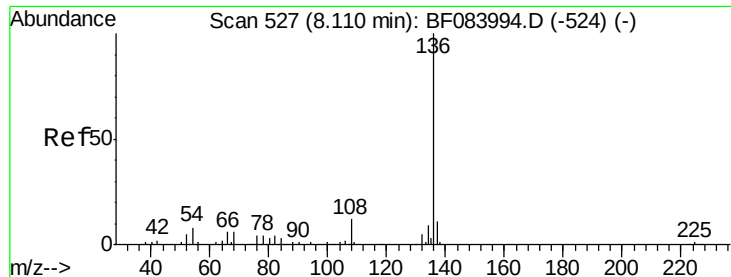
Tgt Ion: 117 Resp: 58224
Ion Ratio Lower Upper
117 100
119 10.9 77.4 116.0#
201 0.0 68.6 103.0#



#19
n-Nitroso-di-n-propylamine
Concen: 13.48 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.14 min
Lab File: BF084051.D
Acq: 23 Dec 2015 23:33

Tgt Ion: 70 Resp: 26754
Ion Ratio Lower Upper
70 100
42 44.4 33.3 49.9
101 0.0 9.3 13.9#
130 2.1 23.4 35.0#

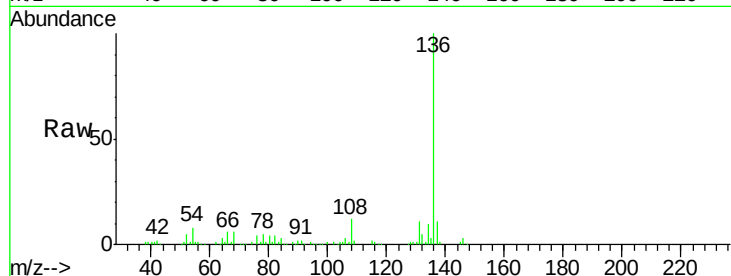




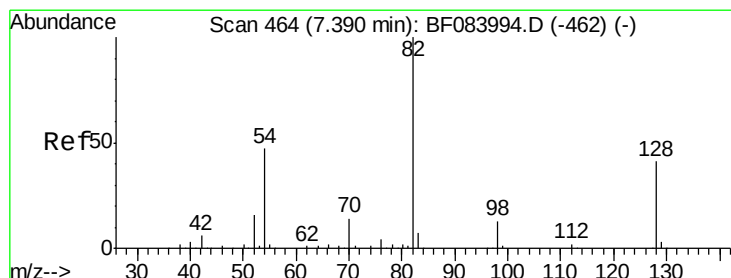
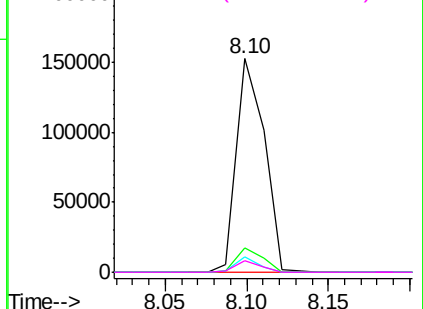
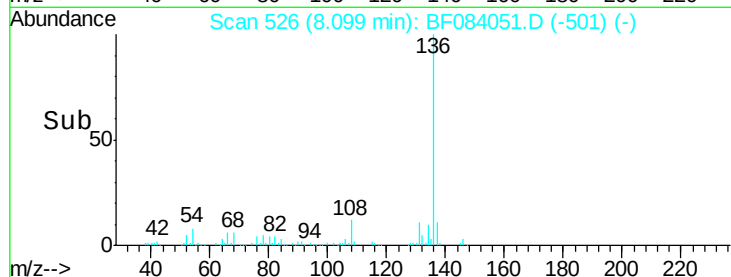
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF084051.D
Acq: 23 Dec 2015 23:33

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:	136	Resp:	180338
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.5	5.8	8.8
68	5.6	4.2	6.2

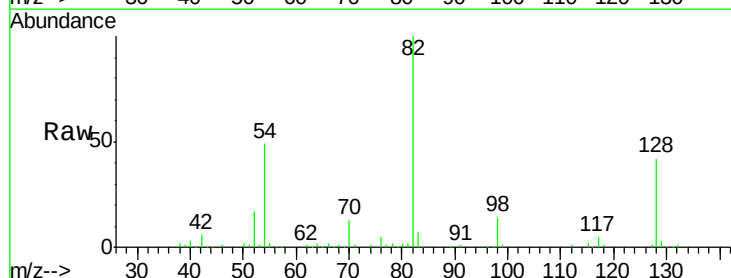


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

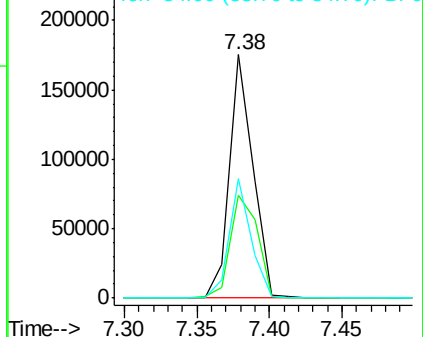
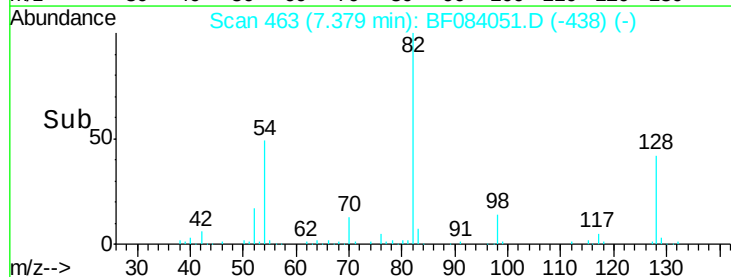


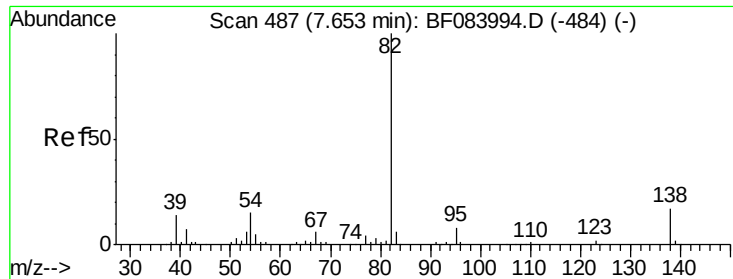
#23
Nitrobenzene-d5
Concen: 67.34 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF084051.D
Acq: 23 Dec 2015 23:33

Tgt Ion:	82	Resp:	197675
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	51.8
54	48.9	38.4	57.6



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





#25

Isophorone

Concen: 32.59 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.27 min

Lab File: BF084051.D

Acq: 23 Dec 2015 23:33

Instrument :

BNA_F

ClientSampleId :

MW-16

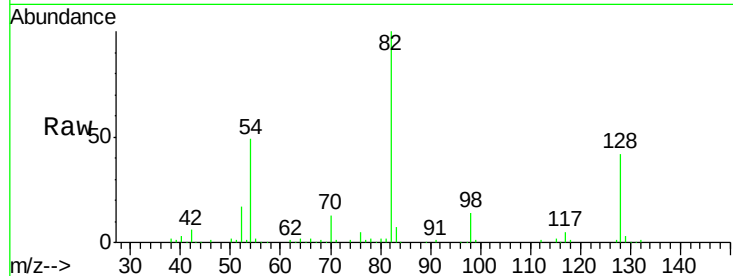
Tgt Ion: 82 Resp: 181299

Ion Ratio Lower Upper

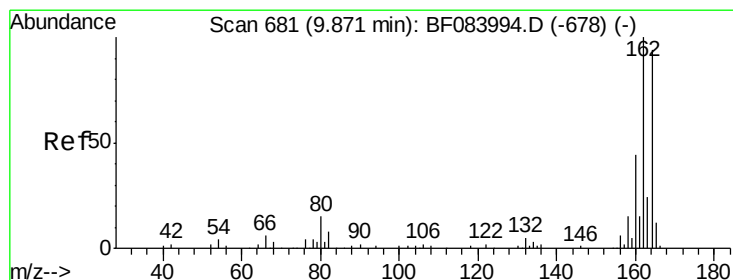
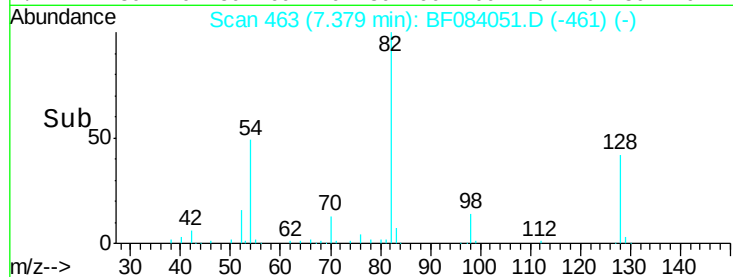
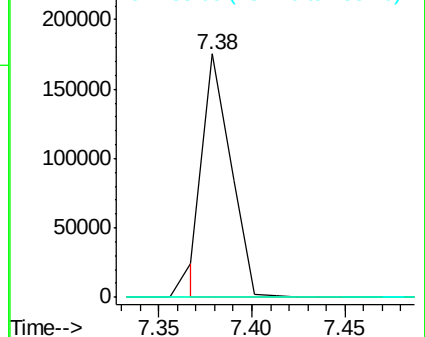
82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084051.D

Acq: 23 Dec 2015 23:33

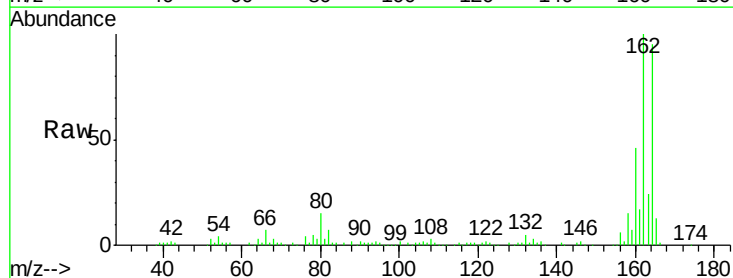
Tgt Ion: 164 Resp: 87225

Ion Ratio Lower Upper

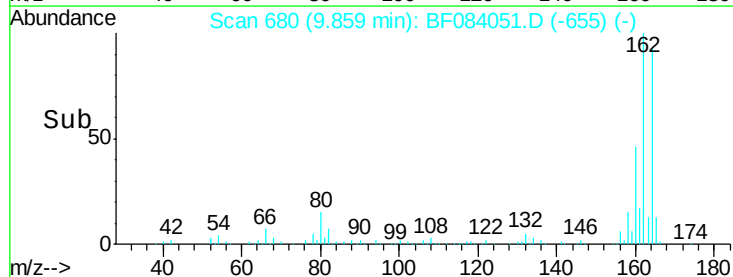
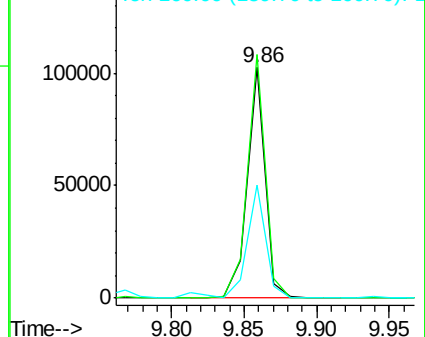
164 100

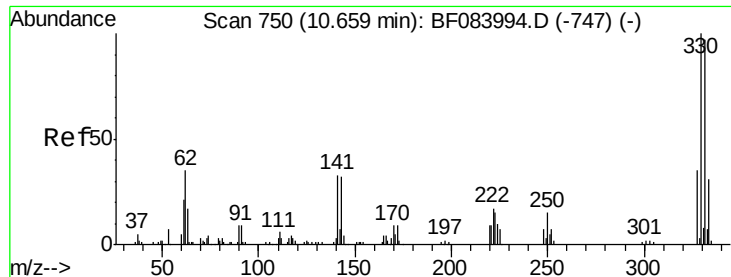
162 105.5 85.1 127.7

160 48.9 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

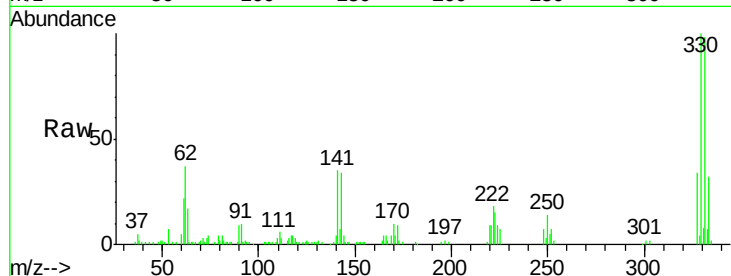




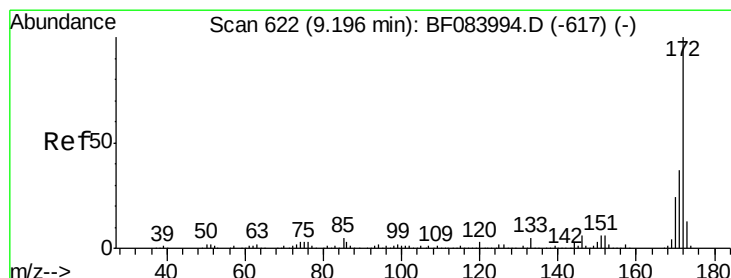
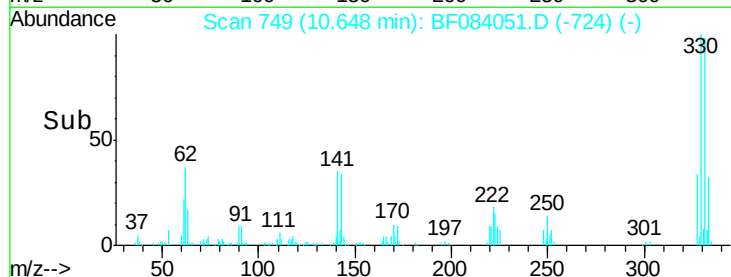
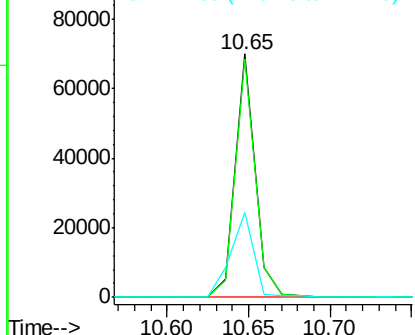
#41
 2,4,6-Tribromophenol
 Concen: 69.54 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF084051.D
 Acq: 23 Dec 2015 23:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:330 Resp: 58344
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 40.9 27.8 41.6

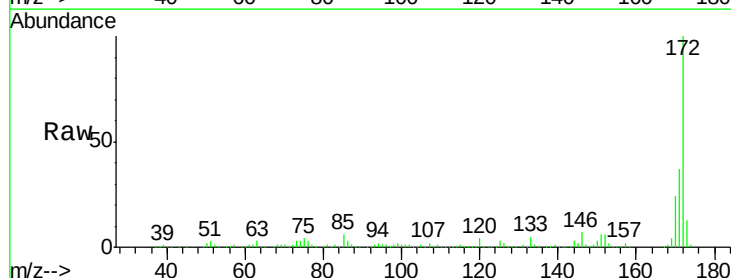


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

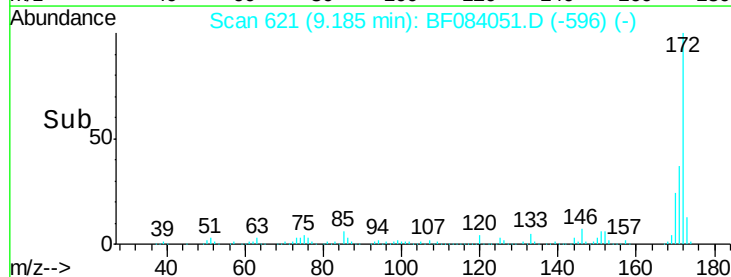
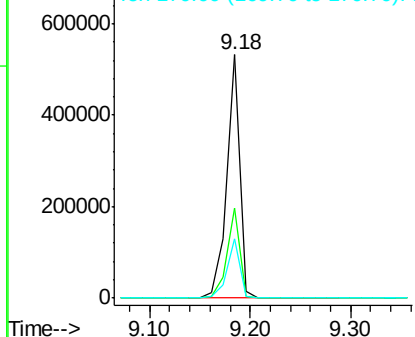


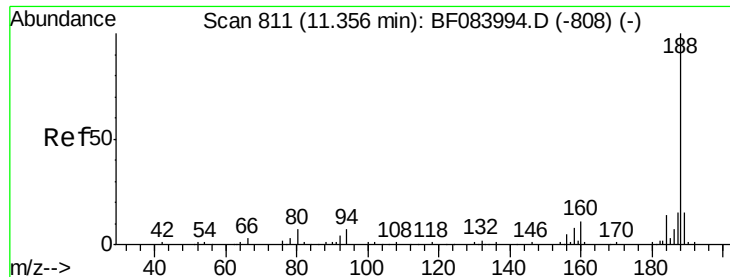
#44
 2-Fluorobiphenyl
 Concen: 73.40 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084051.D
 Acq: 23 Dec 2015 23:33

Tgt Ion:172 Resp: 475700
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.2 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

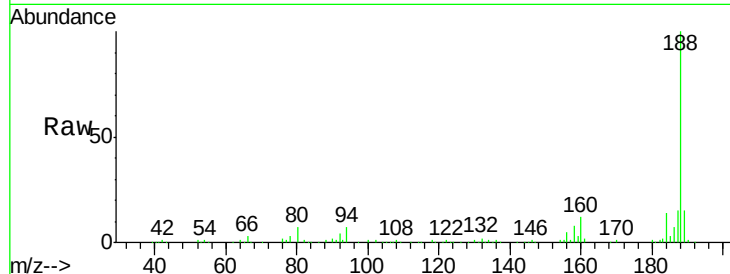




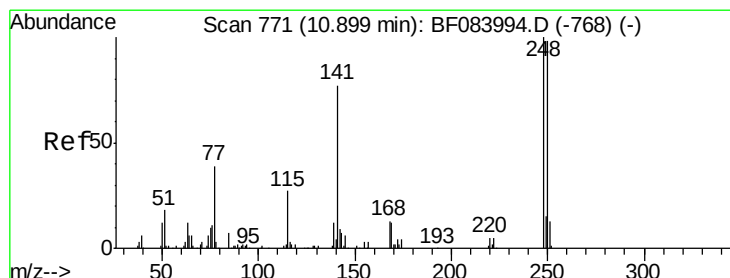
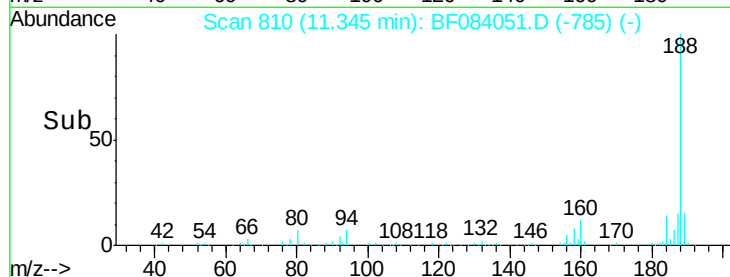
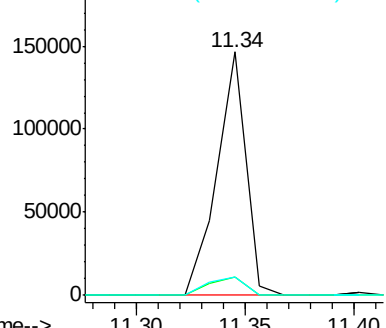
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084051.D
Acq: 23 Dec 2015 23:33

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion:188 Resp: 135231
Ion Ratio Lower Upper
188 100
94 7.5 9.0 13.4#
80 7.4 9.6 14.4#

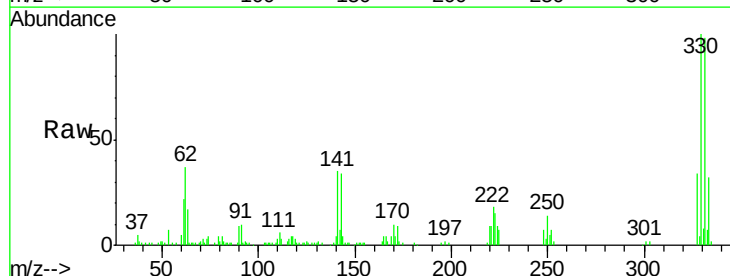


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

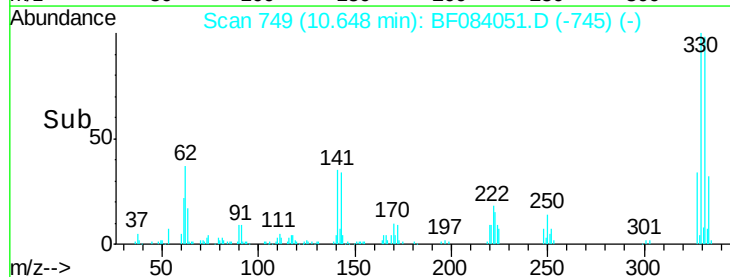
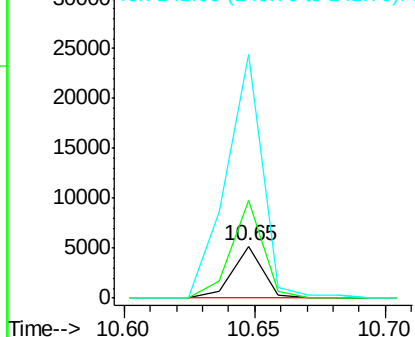


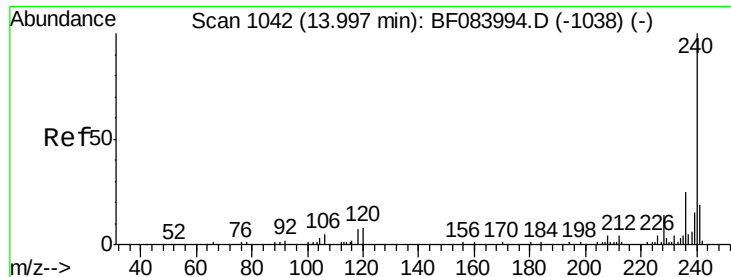
#66
4-Bromophenyl-phenylether
Concen: 2.77 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.25 min
Lab File: BF084051.D
Acq: 23 Dec 2015 23:33

Tgt Ion:248 Resp: 4299
Ion Ratio Lower Upper
248 100
250 188.4 78.4 117.6#
141 469.0 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

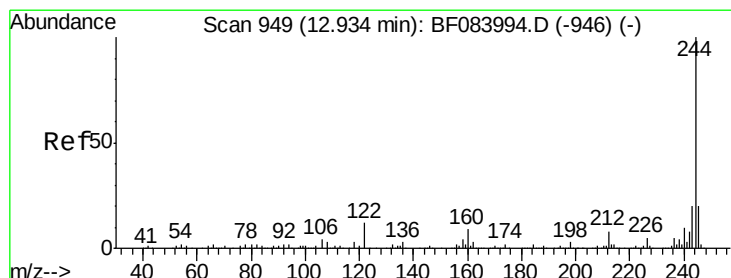
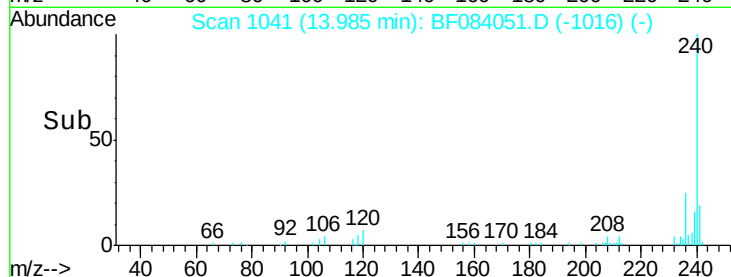
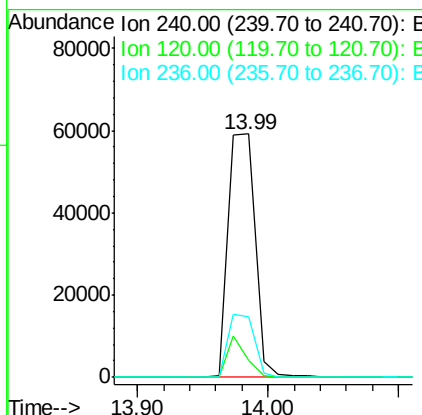
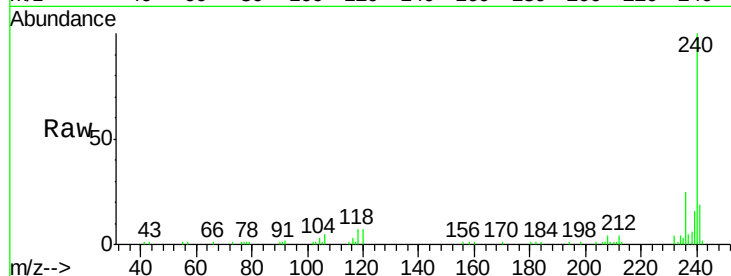




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084051.D
Acq: 23 Dec 2015 23:33

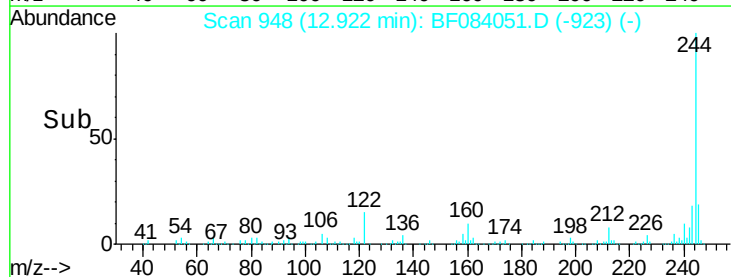
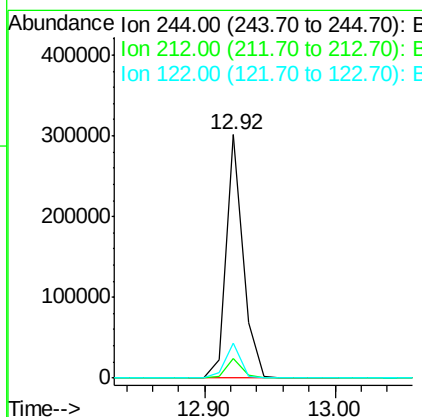
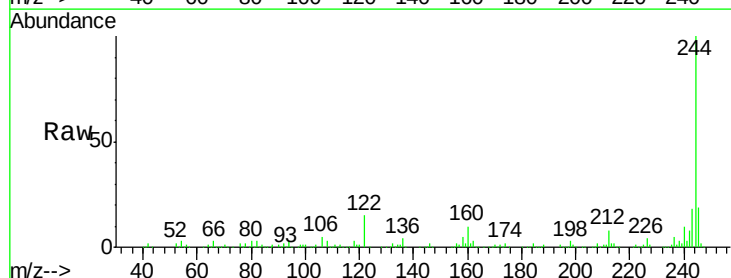
Instrument :
BNA_F
ClientSampleId :
MW-16

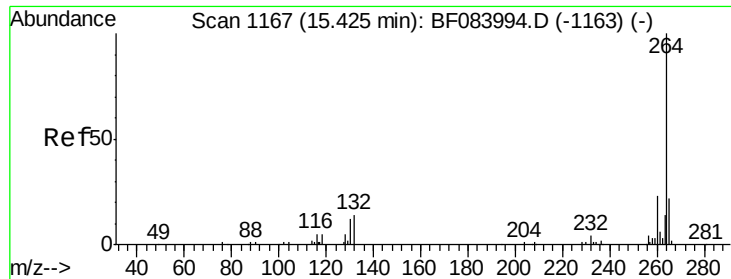
Tgt Ion:240 Resp: 85139
Ion Ratio Lower Upper
240 100
120 6.9 9.5 14.3#
236 24.8 20.6 31.0



#78
Terphenyl-d14
Concen: 75.89 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF084051.D
Acq: 23 Dec 2015 23:33

Tgt Ion:244 Resp: 270927
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 14.6 7.4 11.0#

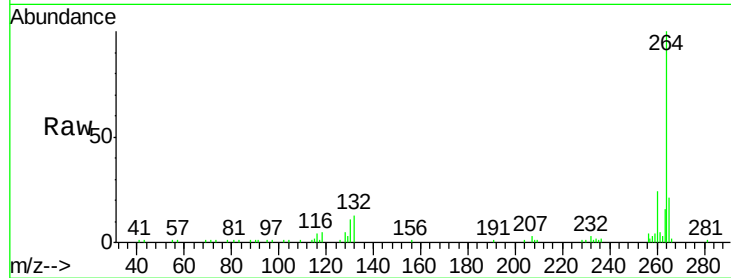




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084051.D
Acq: 23 Dec 2015 23:33

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion: 264 Resp: 83360
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 20.6 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

