

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084111.D
 Acq On : 25 Dec 2015 6:27
 Operator : UM/SJ
 Sample : G4951-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-122215

Quant Time: Dec 25 07:27:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

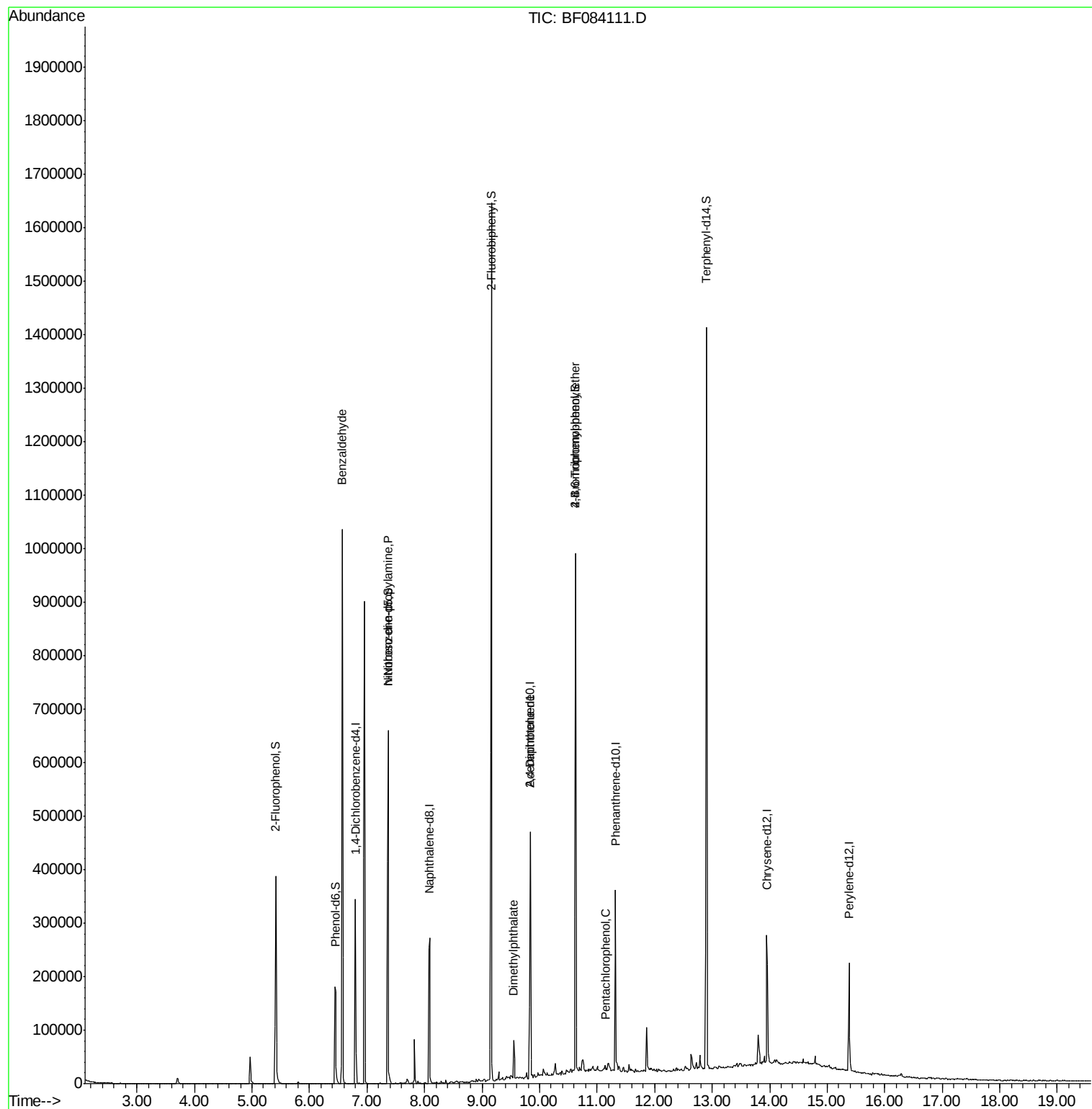
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	51944	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	187350	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	90484	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	148636	20.00	ng	0.00
75) Chrysene-d12	13.95	240	103444	20.00	ng	-0.01
86) Perylene-d12	15.38	264	92176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	129423	42.24	ng	0.00
7) Phenol-d6	6.45	99	103275	27.24	ng	0.00
23) Nitrobenzene-d5	7.37	82	264105	82.52	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	111738	115.80	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	538190	81.38	ng	0.00
78) Terphenyl-d14	12.90	244	394071	68.93	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	6206	3.06	ng	# 83
19) n-Nitroso-di-n-propylamine	7.37	70	35946	15.39	ng	# 74
49) Dimethylphthalate	9.55	163	32838	4.38	ng	# 86
56) 2,4-Dinitrotoluene	9.84	165	11689	5.57	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	8058	4.68	ng	# 1
69) Pentachlorophenol	11.14	266	360	8.25	ng	# 90
74) Fluoranthene	12.53	202	2481	Below Cal		88

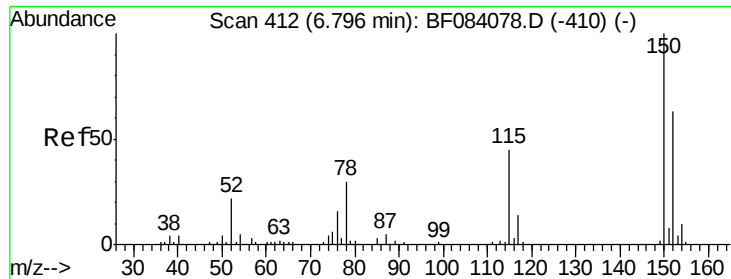
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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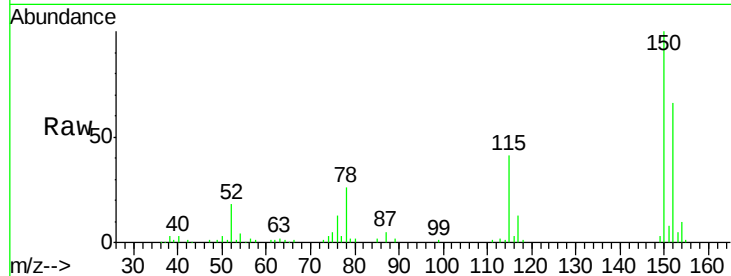




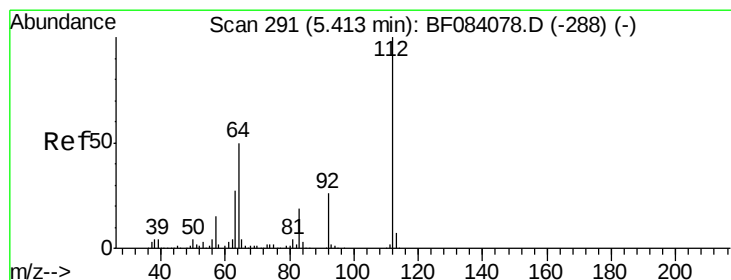
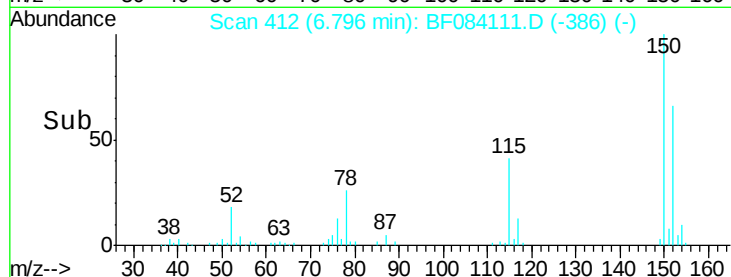
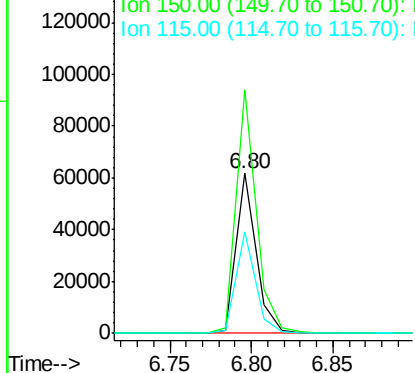
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF084111.D
 Acq: 25 Dec 2015 6:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-122215

Tgt Ion:152 Resp: 51944
 Ion Ratio Lower Upper
 152 100
 150 152.4 123.0 184.4
 115 63.1 51.4 77.2

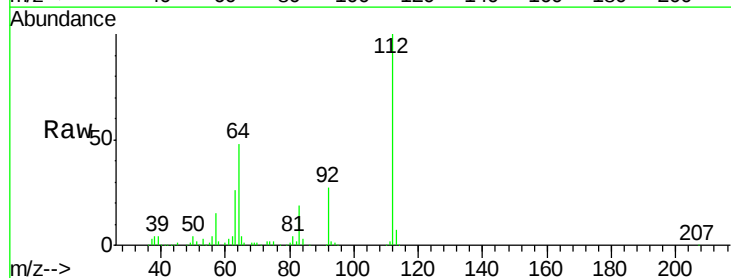


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

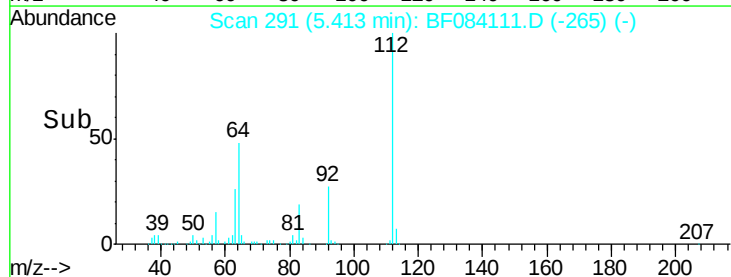
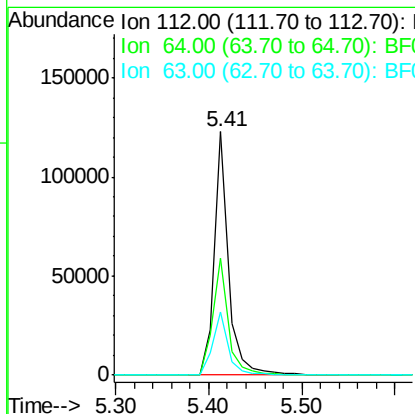


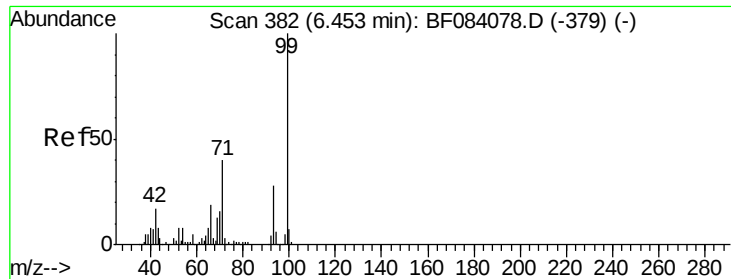
#5
 2-Fluorophenol
 Concen: 42.24 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF084111.D
 Acq: 25 Dec 2015 6:27

Tgt Ion:112 Resp: 129423
 Ion Ratio Lower Upper
 112 100
 64 48.2 36.6 55.0
 63 26.0 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: 27.24 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084111.D

Acq: 25 Dec 2015 6:27

Instrument :

BNA_F

ClientSampleId :

MW-5-122215

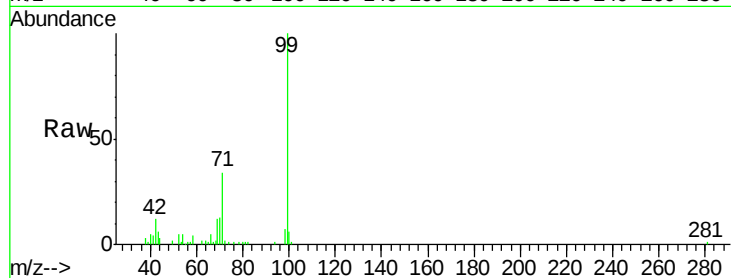
Tgt Ion: 99 Resp: 103275

Ion Ratio Lower Upper

99 100

42 11.6 12.8 19.2#

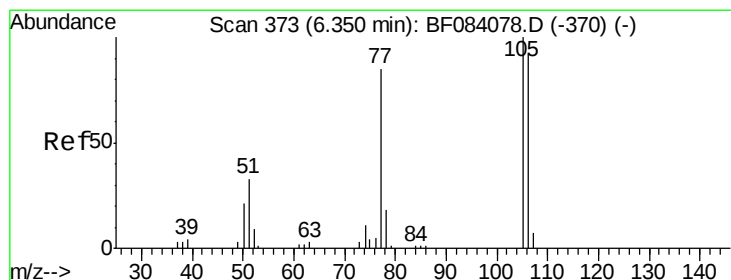
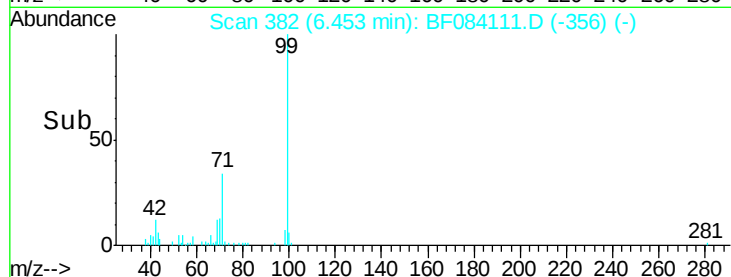
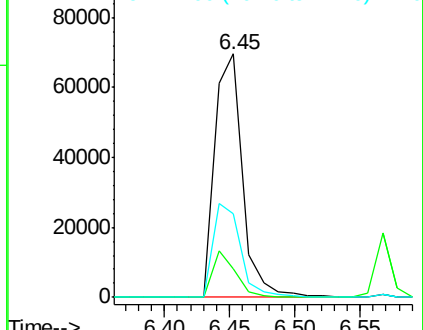
71 34.5 30.9 46.3



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: 3.06 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084111.D

Acq: 25 Dec 2015 6:27

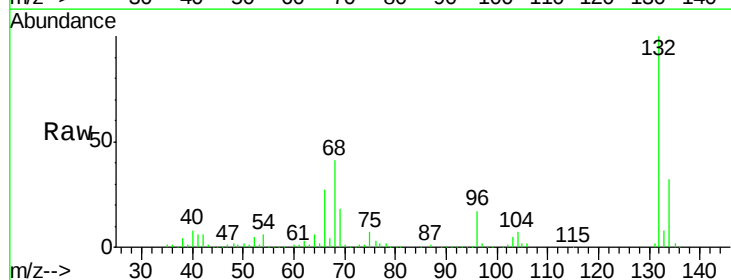
Tgt Ion: 77 Resp: 6206

Ion Ratio Lower Upper

77 100

105 80.5 83.0 123.0#

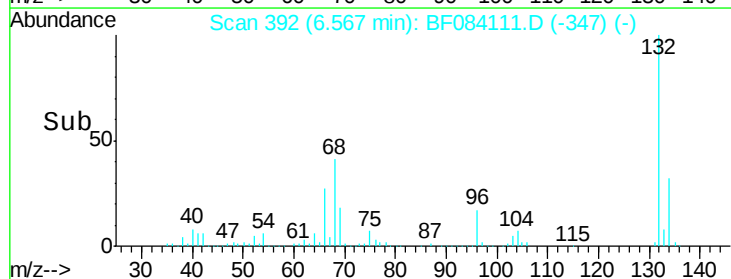
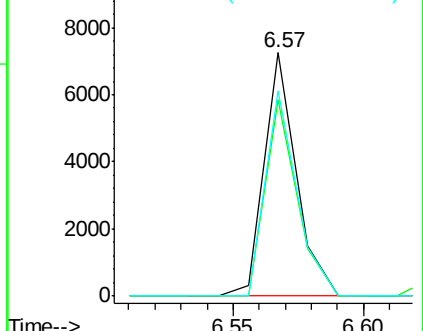
106 84.1 74.6 114.6

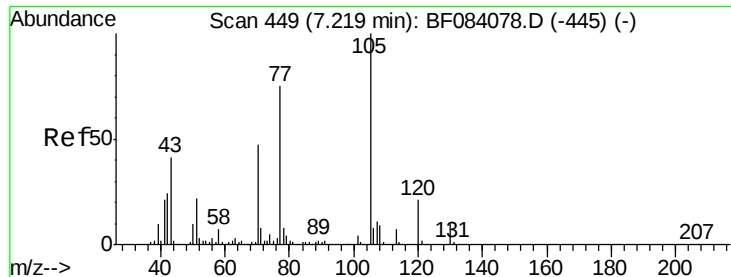


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

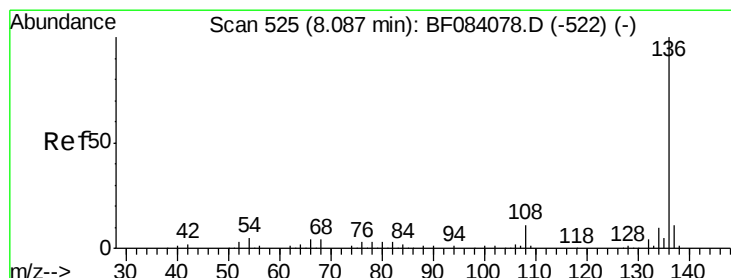
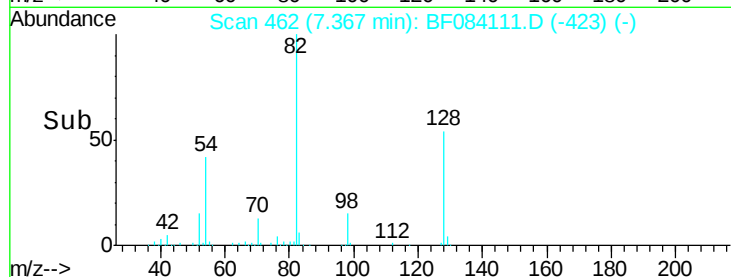
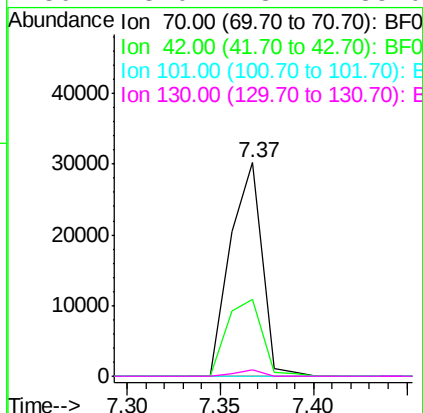
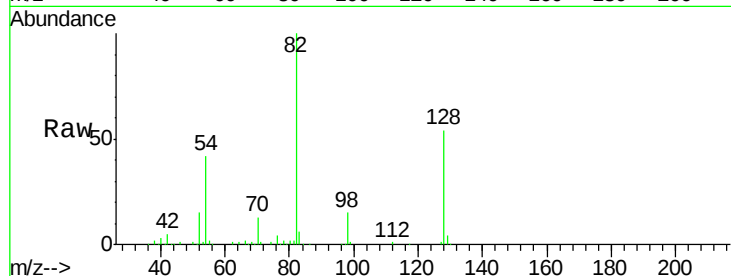




#19
n-Nitroso-di-n-propylamine
Concen: 15.39 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084111.D
Acq: 25 Dec 2015 6:27

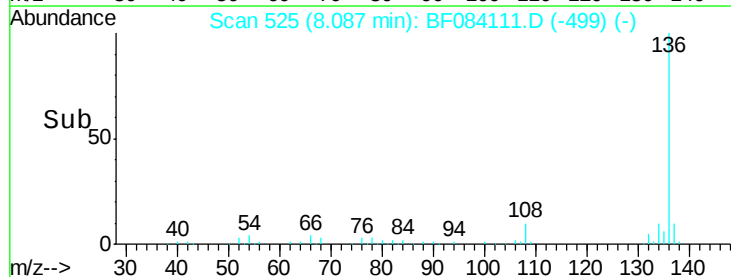
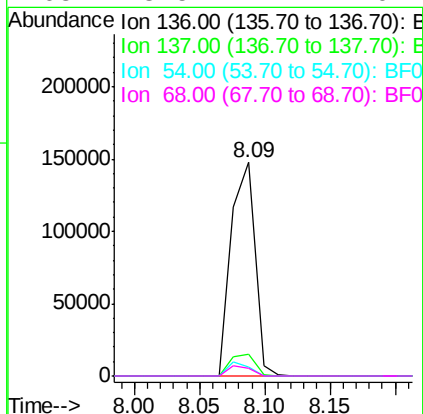
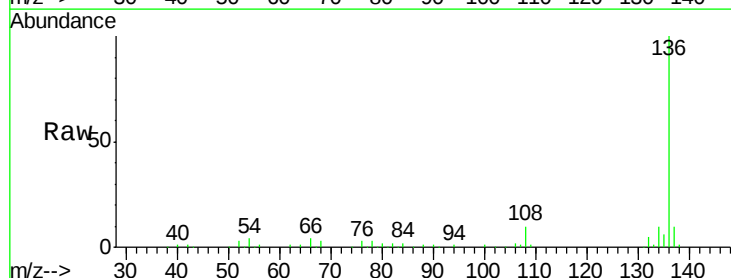
Instrument :
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MW-5-122215

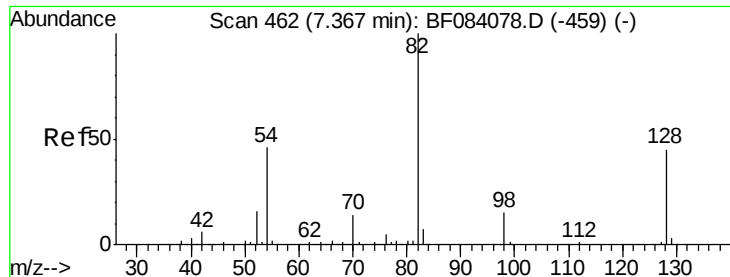
Tgt Ion: 70 Resp: 35946
Ion Ratio Lower Upper
70 100
42 36.0 33.3 49.9
101 0.0 9.3 13.9#
130 3.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084111.D
Acq: 25 Dec 2015 6:27

Tgt Ion: 136 Resp: 187350
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 4.3 5.8 8.8#
68 3.5 4.2 6.2#

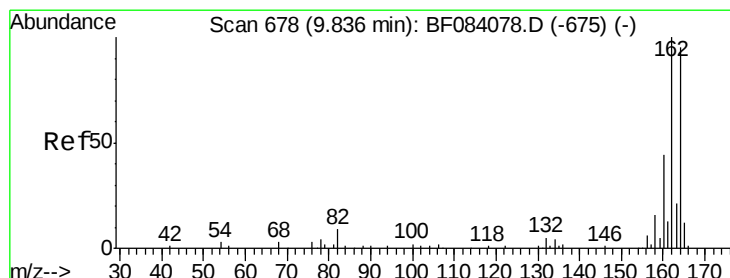
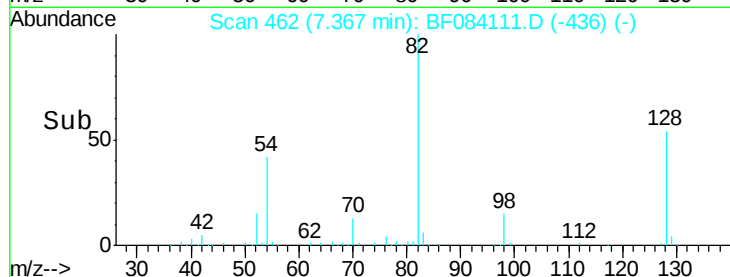
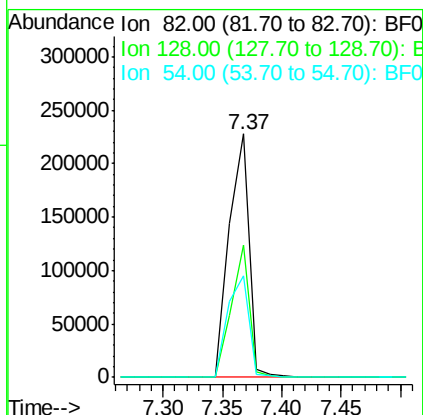
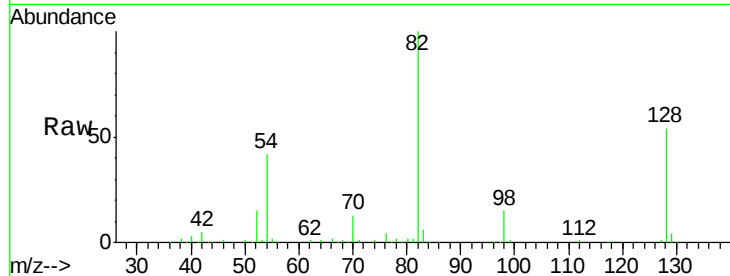




#23
 Nitrobenzene-d5
 Concen: 82.52 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084111.D
 Acq: 25 Dec 2015 6:27

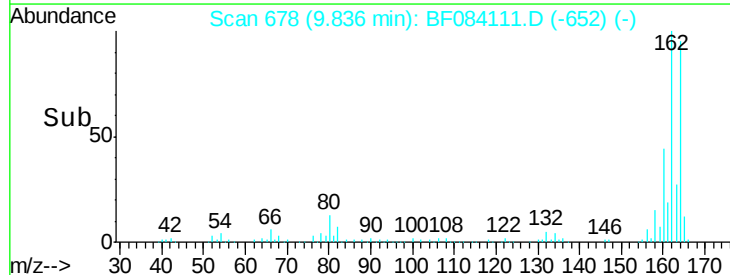
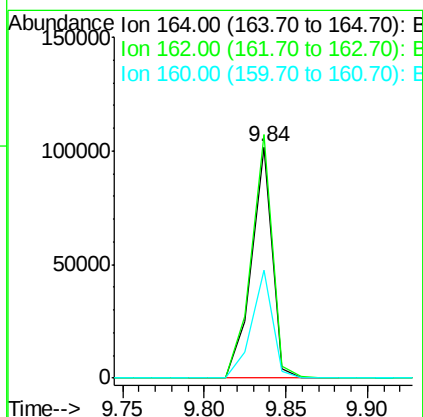
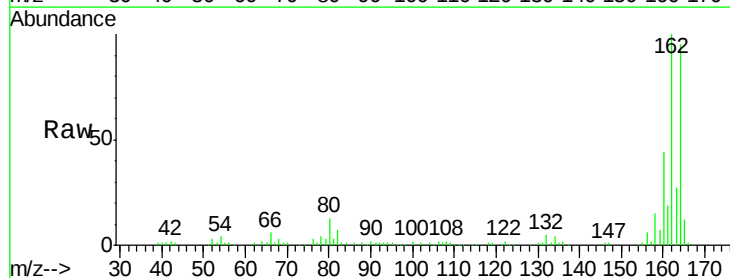
Instrument :
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 ClientSampleId :
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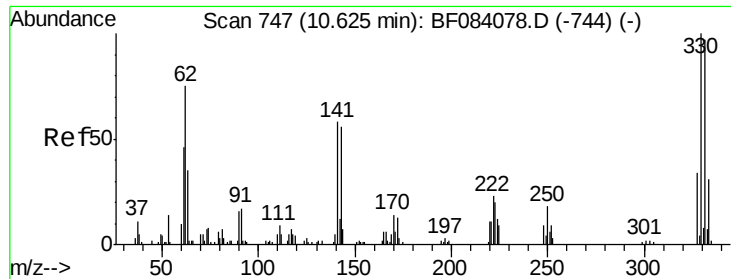
Tgt Ion	Ratio	Lower	Upper
82	100		
128	54.1	34.6	51.8#
54	42.0	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084111.D
 Acq: 25 Dec 2015 6:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.1	127.7
160	46.6	37.5	56.3

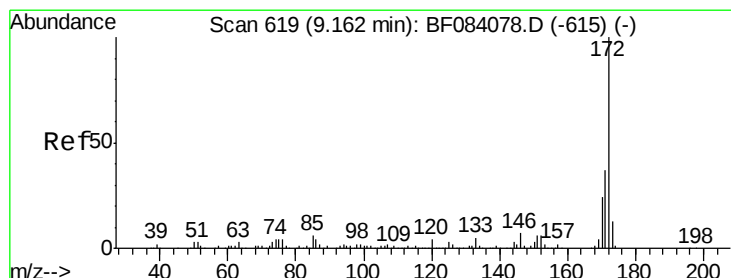
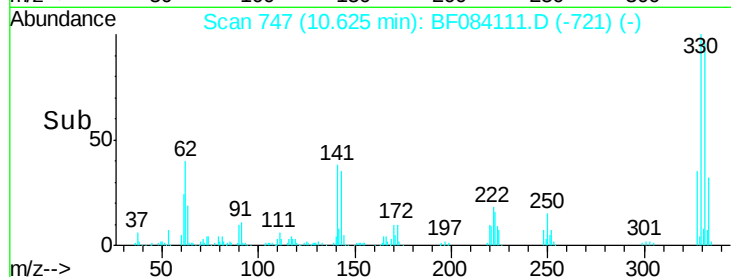
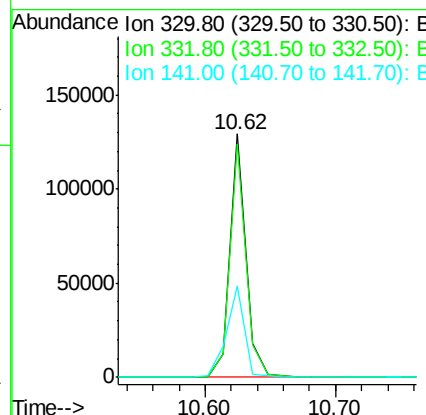
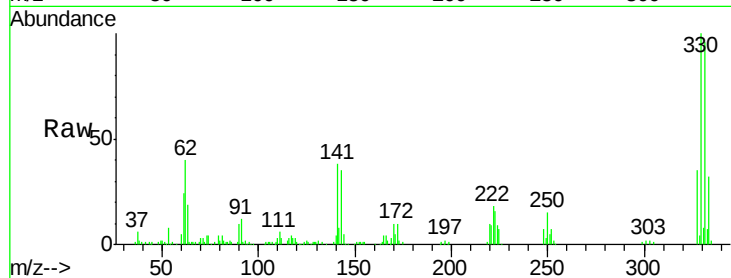




#41
 2,4,6-Tribromophenol
 Concen: 115.80 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084111.D
 Acq: 25 Dec 2015 6:27

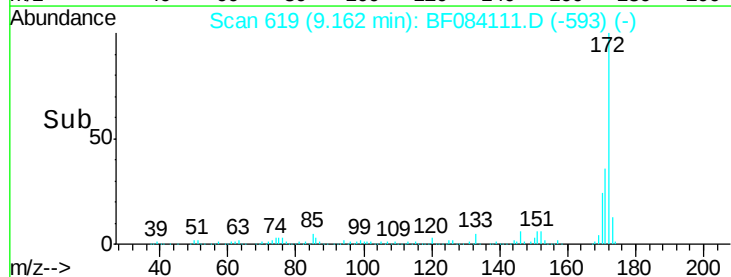
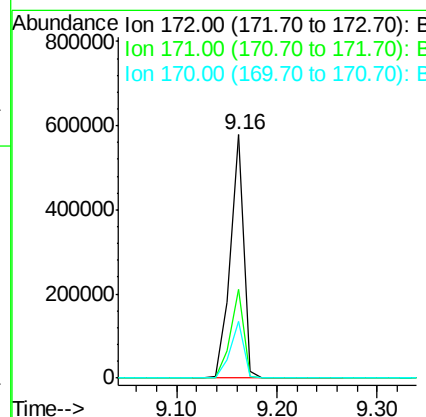
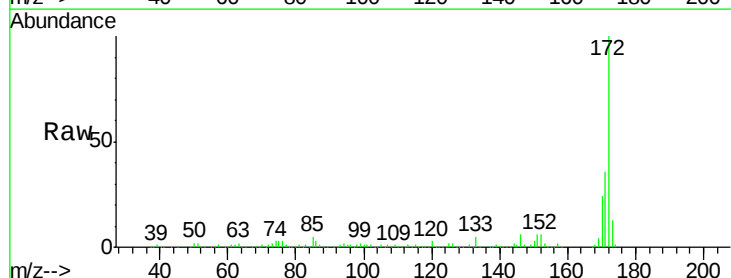
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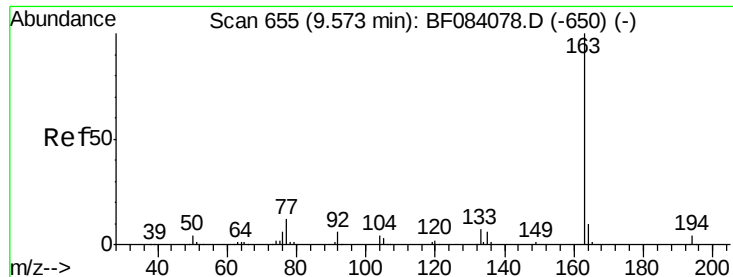
Tgt Ion:330 Resp: 111738
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 42.9 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 81.38 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084111.D
 Acq: 25 Dec 2015 6:27

Tgt Ion:172 Resp: 538190
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 23.5 18.6 27.8

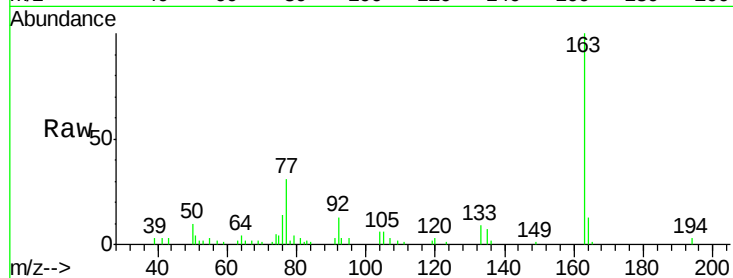




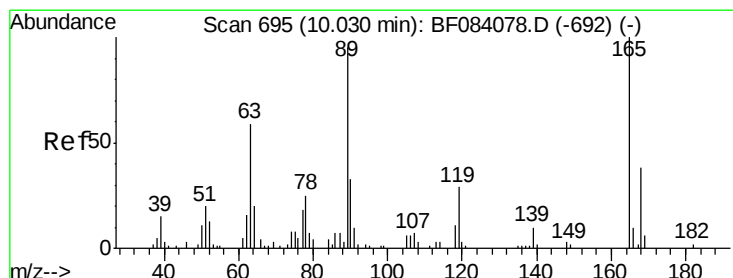
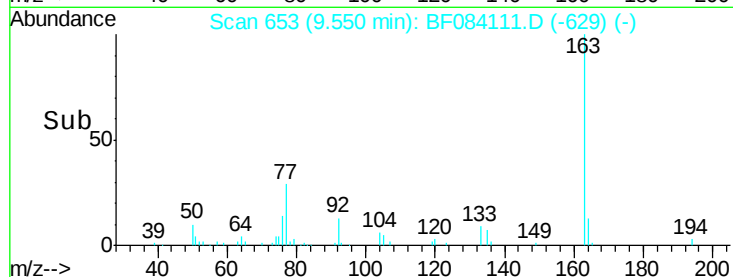
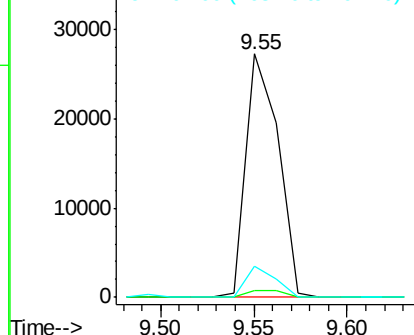
#49
Dimethylphthalate
Concen: 4.38 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF084111.D
Acq: 25 Dec 2015 6:27

Instrument :
BNA_F
ClientSampleId :
MW-5-122215

Tgt Ion:163 Resp: 32838
Ion Ratio Lower Upper
163 100
194 2.7 8.0 12.0#
164 12.9 8.0 12.0#

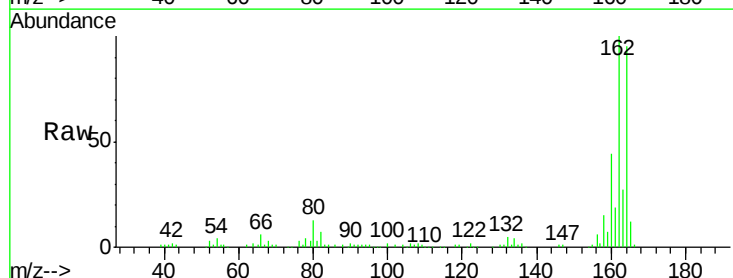


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

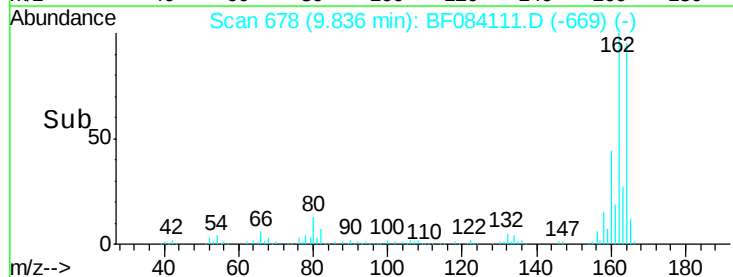
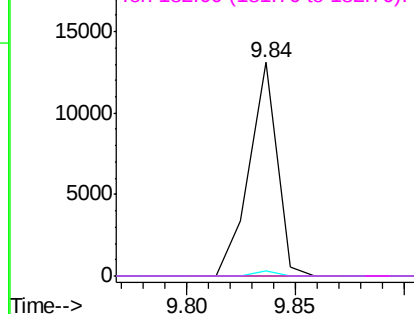


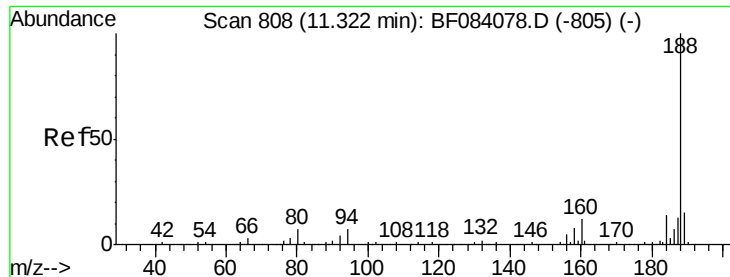
#56
2,4-Dinitrotoluene
Concen: 5.57 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.19 min
Lab File: BF084111.D
Acq: 25 Dec 2015 6:27

Tgt Ion:165 Resp: 11689
Ion Ratio Lower Upper
165 100
63 0.0 36.7 55.1#
89 2.7 61.9 92.9#
182 0.0 2.0 3.0#



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

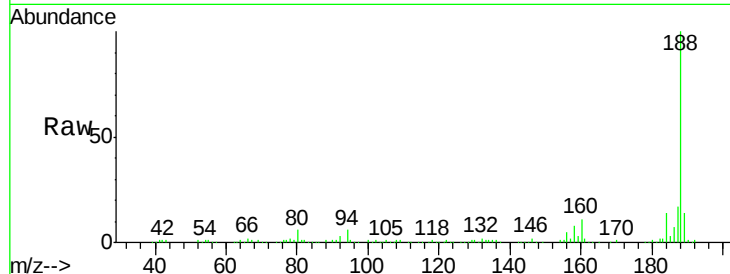




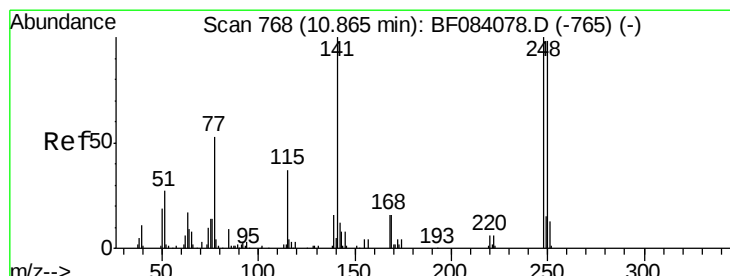
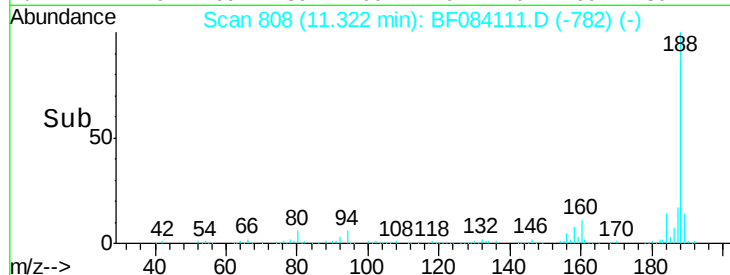
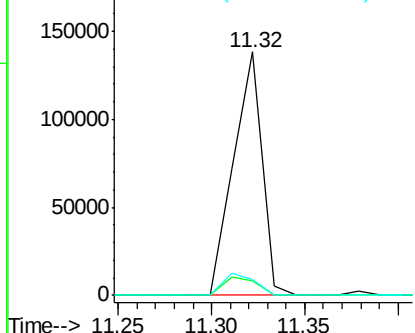
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084111.D
 Acq: 25 Dec 2015 6:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-122215

Tgt Ion:188 Resp: 148636
 Ion Ratio Lower Upper
 188 100
 94 6.1 9.0 13.4#
 80 6.3 9.6 14.4#

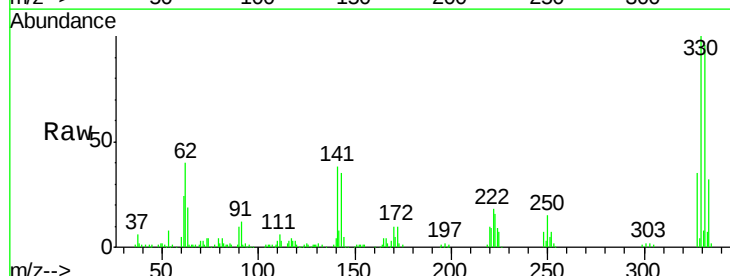


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

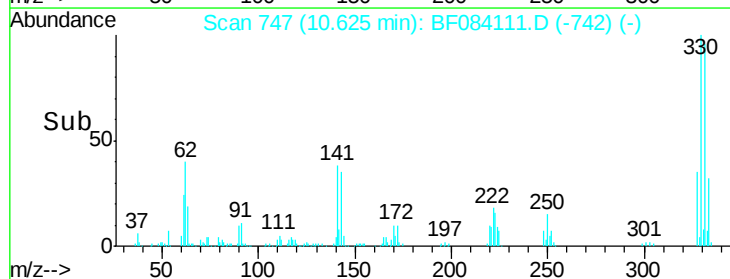
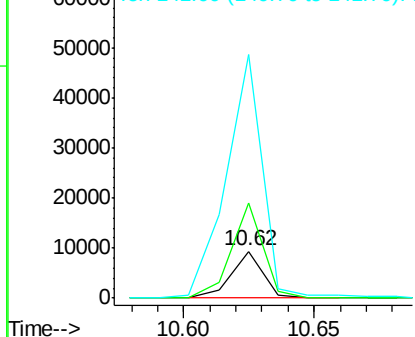


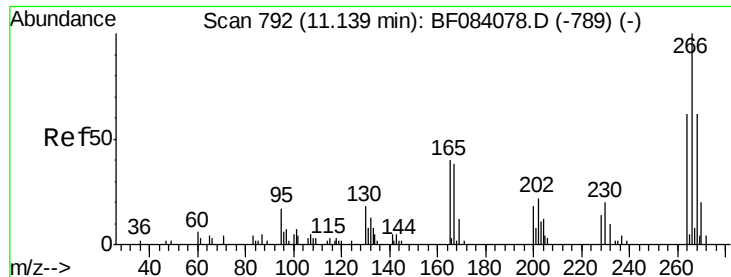
#66
 4-Bromophenyl-phenylether
 Concen: 4.68 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084111.D
 Acq: 25 Dec 2015 6:27

Tgt Ion:248 Resp: 8058
 Ion Ratio Lower Upper
 248 100
 250 204.3 78.4 117.6#
 141 520.7 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

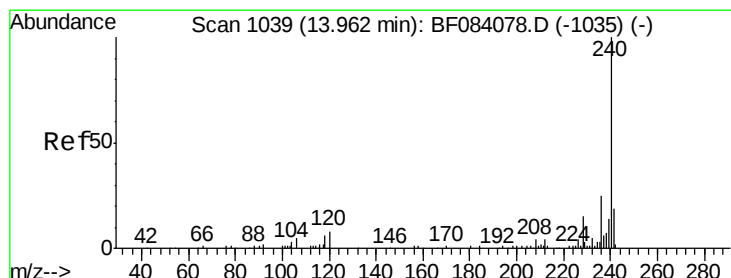
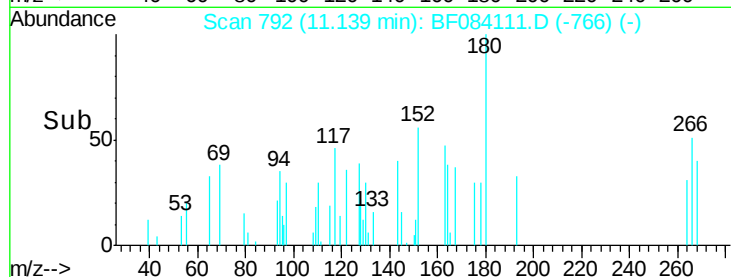
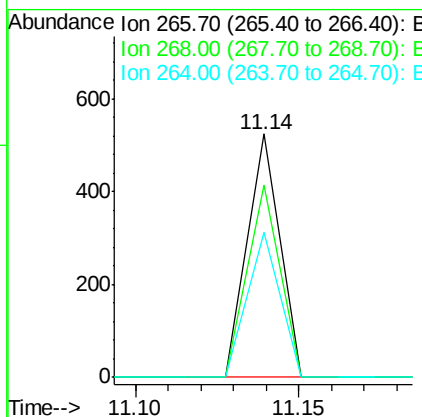
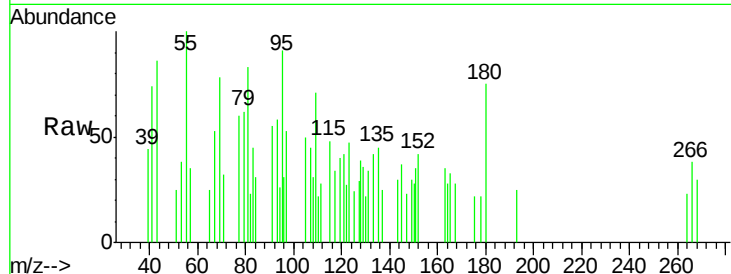




#69
 Pentachlorophenol
 Concen: 8.25 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084111.D
 Acq: 25 Dec 2015 6:27

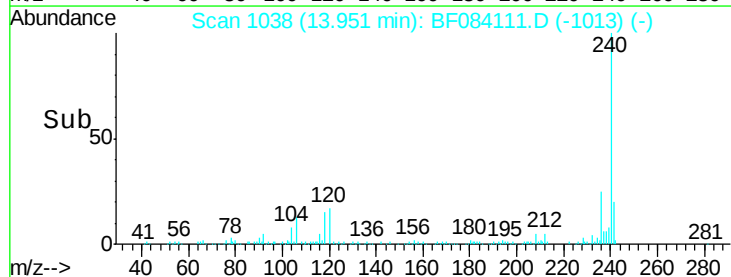
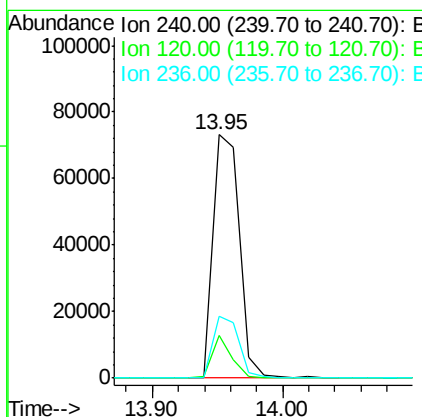
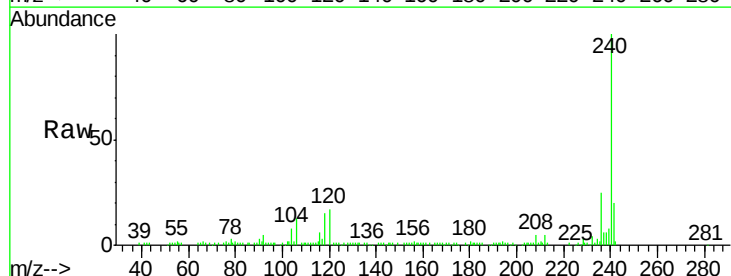
Instrument :
 BNA_F
 ClientSampleId :
 MW-5-122215

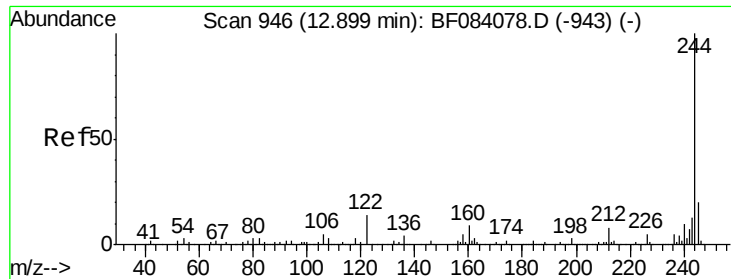
Tgt Ion: 266 Resp: 360
 Ion Ratio Lower Upper
 266 100
 268 78.9 52.4 78.6#
 264 59.8 50.2 75.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084111.D
 Acq: 25 Dec 2015 6:27

Tgt Ion: 240 Resp: 103444
 Ion Ratio Lower Upper
 240 100
 120 17.4 9.5 14.3#
 236 25.2 20.6 31.0

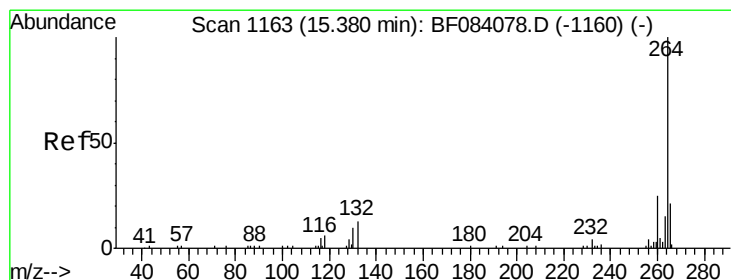
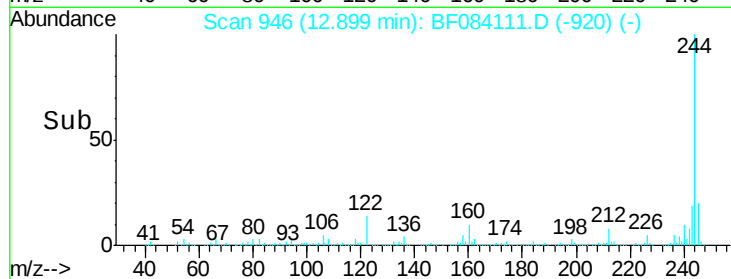
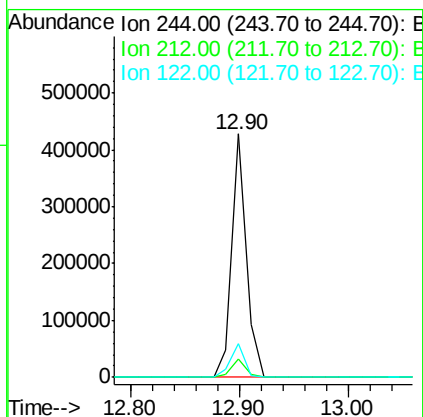
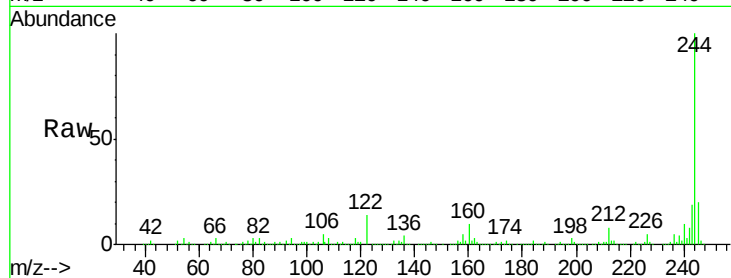




#78
 Terphenyl-d14
 Concen: 68.93 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084111.D
 Acq: 25 Dec 2015 6:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-122215

Tgt Ion:244 Resp: 394071
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 14.0 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084111.D
 Acq: 25 Dec 2015 6:27

Tgt Ion:264 Resp: 92176
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 20.9 17.8 26.6

