

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084114.D
 Acq On : 25 Dec 2015 7:53
 Operator : UM/SJ
 Sample : G4951-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-122215

Quant Time: Dec 26 00:33:28 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

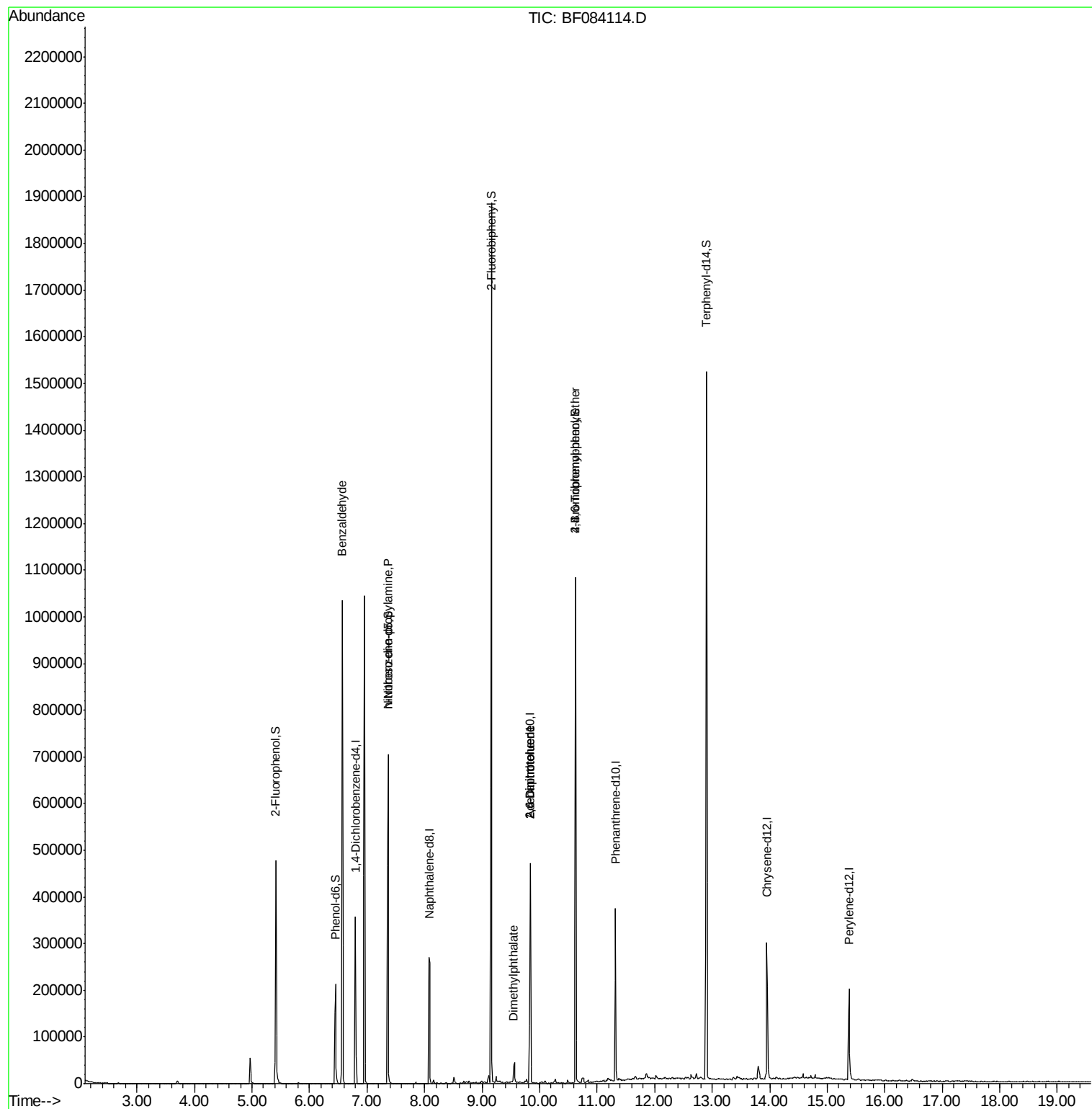
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	52423	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	190108	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	92342	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	164840	20.00	ng	0.00
75) Chrysene-d12	13.95	240	125341	20.00	ng	-0.01
86) Perylene-d12	15.38	264	103275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	146998	47.54	ng	0.00
7) Phenol-d6	6.45	99	107845	28.19	ng	0.00
23) Nitrobenzene-d5	7.37	82	288317	88.77	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	123440	125.35	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	596734	88.42	ng	0.00
78) Terphenyl-d14	12.90	244	481756	69.55	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	6390	3.12	ng	85
19) n-Nitroso-di-n-propylamine	7.37	70	39901	16.93	ng	# 74
49) Dimethylphthalate	9.55	163	18936	2.48	ng	# 90
50) 2,6-Dinitrotoluene	9.84	165	11765	7.25	ng	# 35
56) 2,4-Dinitrotoluene	9.84	165	11765	5.49	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	9426	4.94	ng	# 1
74) Fluoranthene	12.53	202	1450	Below	Cal	63

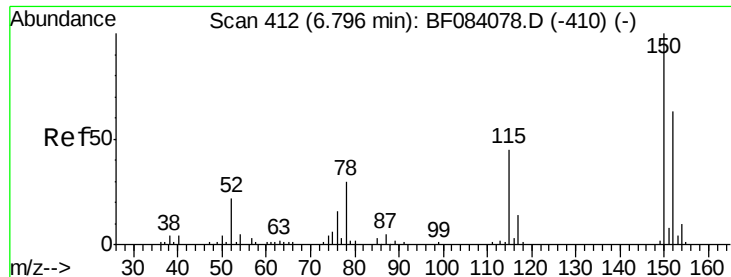
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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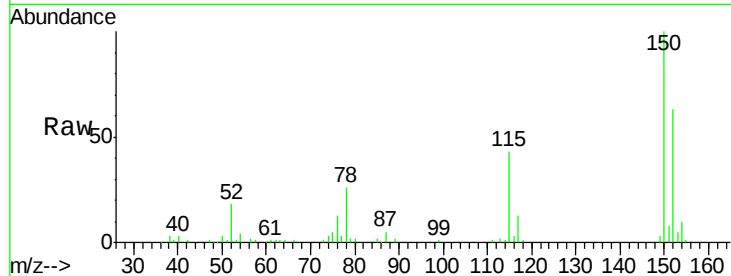


#1

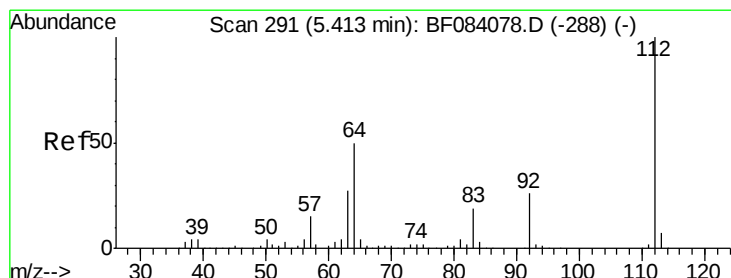
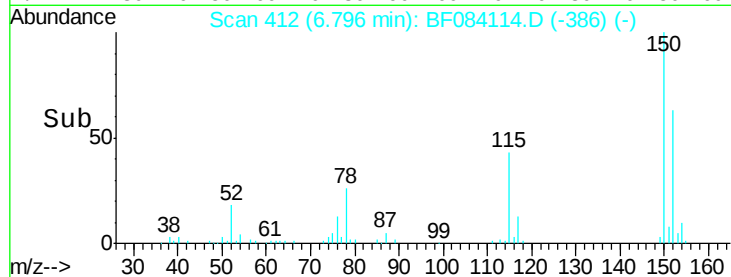
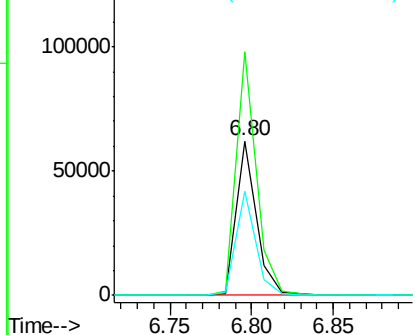
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF084114.D
Acq: 25 Dec 2015 7:53

Instrument :
BNA_F
ClientSampleId :
MW-9-122215

Tgt Ion:152 Resp: 52423
Ion Ratio Lower Upper
152 100
150 157.9 123.0 184.4
115 67.7 51.4 77.2



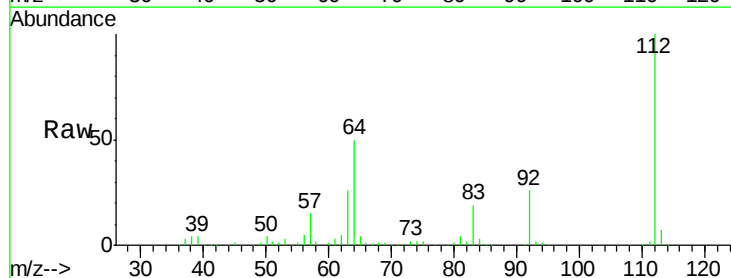
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



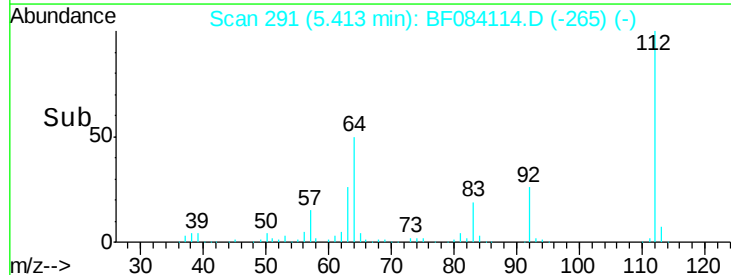
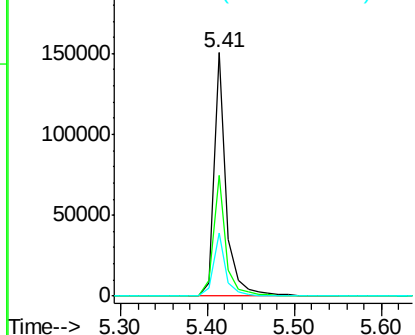
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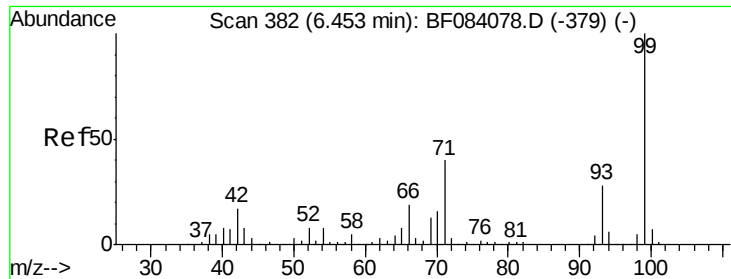
2-Fluorophenol
Concen: 47.54 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084114.D
Acq: 25 Dec 2015 7:53

Tgt Ion:112 Resp: 146998
Ion Ratio Lower Upper
112 100
64 49.5 36.6 55.0
63 26.1 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: 28.19 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084114.D

Acq: 25 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

MW-9-122215

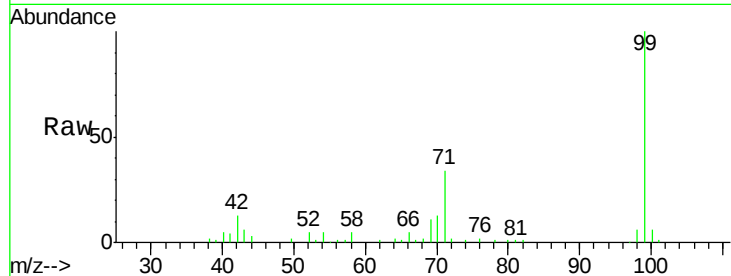
Tgt Ion: 99 Resp: 107845

Ion Ratio Lower Upper

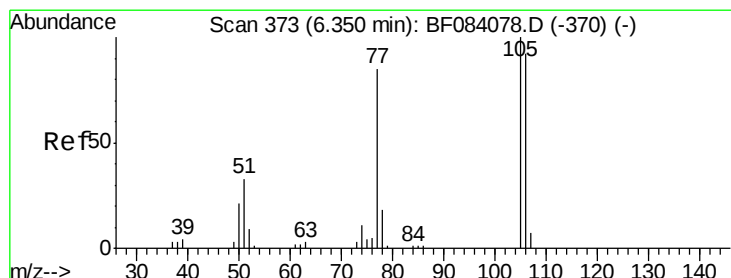
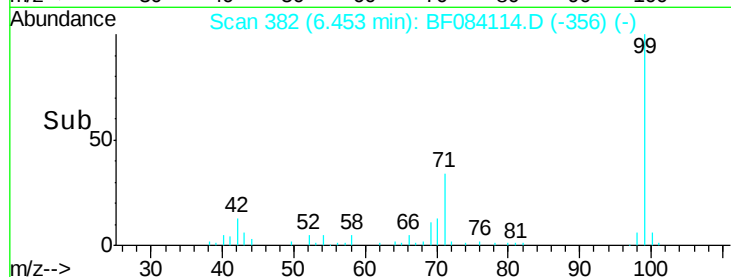
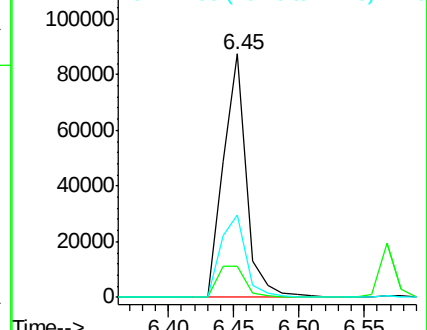
99 100

42 12.5 12.8 19.2#

71 34.0 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: 3.12 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084114.D

Acq: 25 Dec 2015 7:53

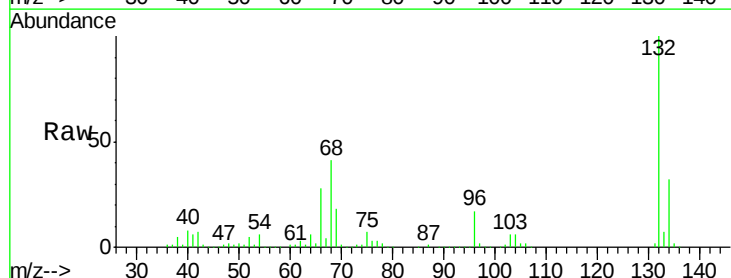
Tgt Ion: 77 Resp: 6390

Ion Ratio Lower Upper

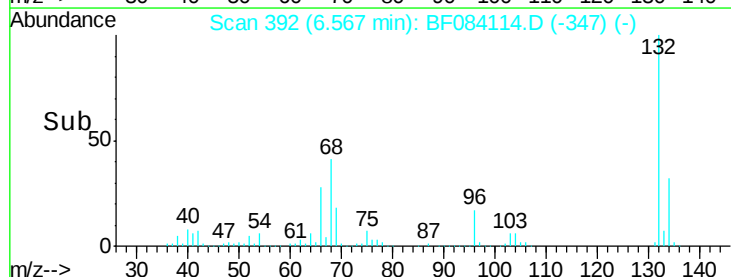
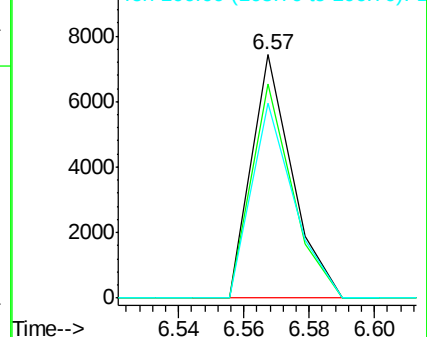
77 100

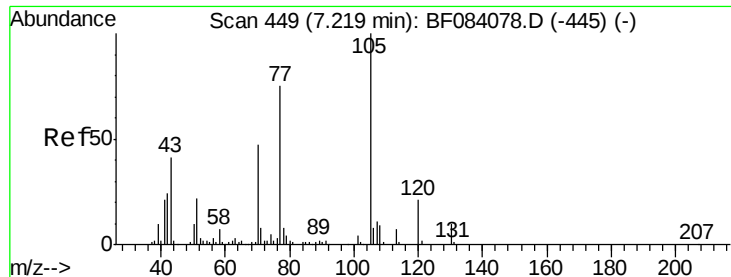
105 88.0 83.0 123.0

106 79.9 74.6 114.6



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

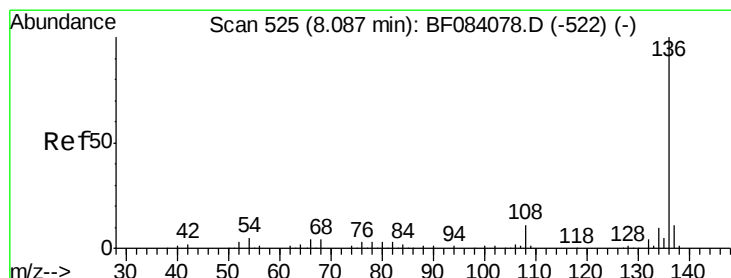
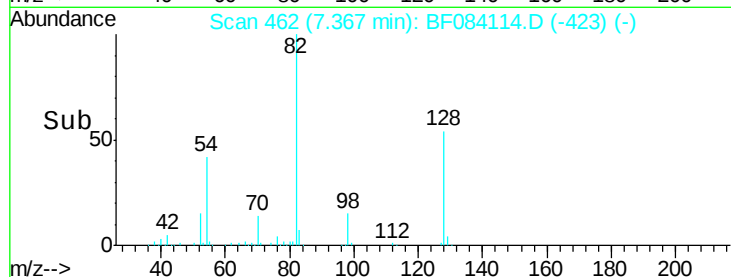
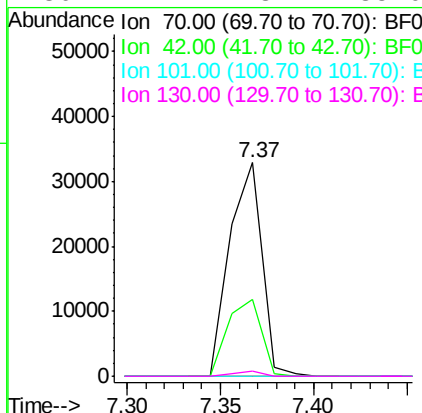
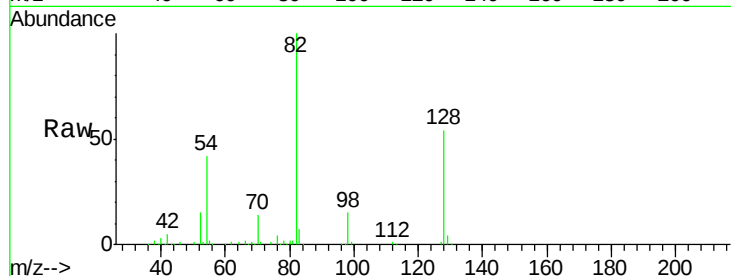




#19
n-Nitroso-di-n-propylamine
Concen: 16.93 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084114.D
Acq: 25 Dec 2015 7:53

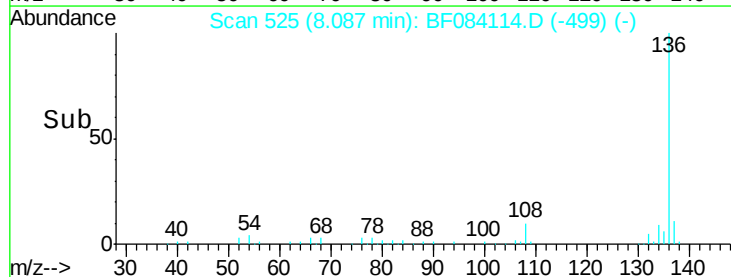
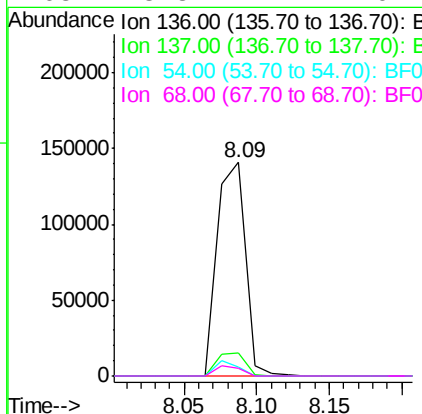
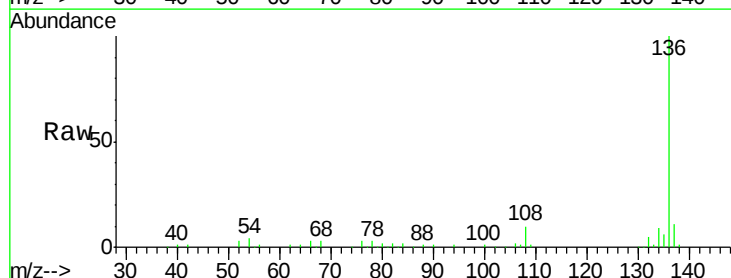
Instrument :
BNA_F
ClientSampleId :
MW-9-122215

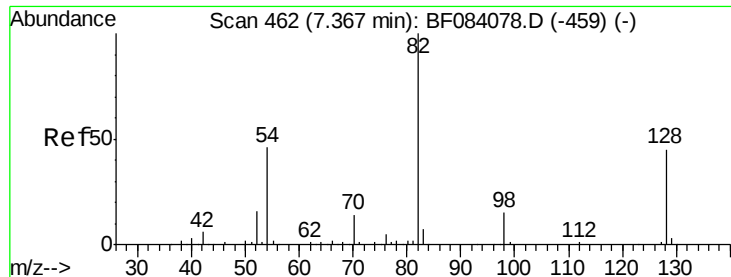
Tgt Ion: 70 Resp: 39901
Ion Ratio Lower Upper
70 100
42 35.9 33.3 49.9
101 0.0 9.3 13.9#
130 2.7 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084114.D
Acq: 25 Dec 2015 7:53

Tgt Ion: 136 Resp: 190108
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 4.1 5.8 8.8#
68 3.3 4.2 6.2#

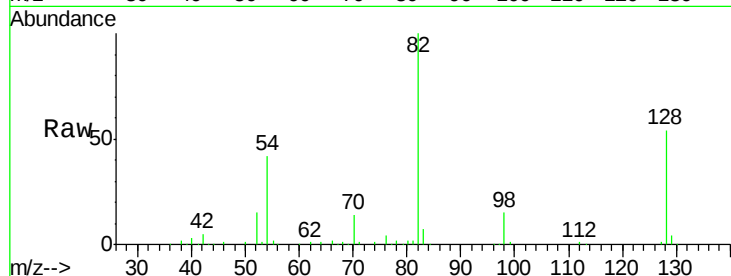




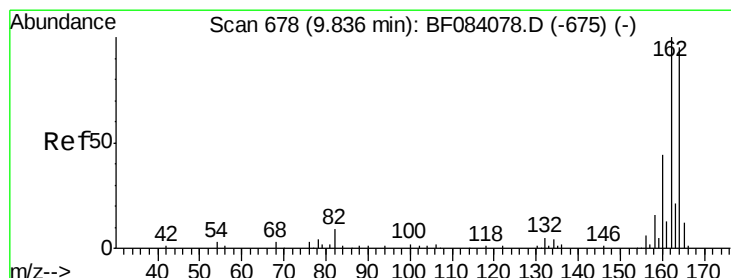
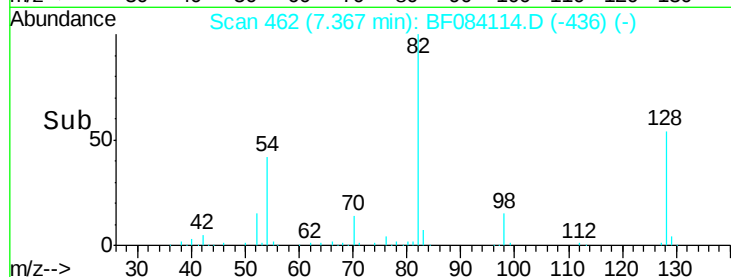
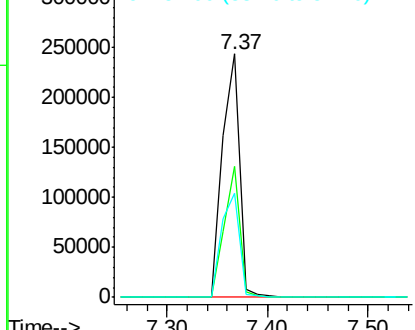
#23
 Nitrobenzene-d5
 Concen: 88.77 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF084114.D
 Acq: 25 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-122215

Tgt Ion: 82 Resp: 288317
 Ion Ratio Lower Upper
 82 100
 128 53.6 34.6 51.8#
 54 42.5 38.4 57.6

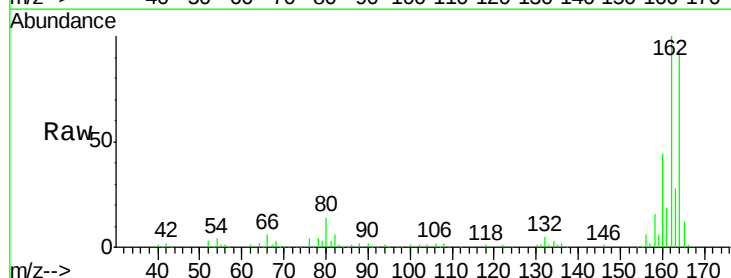


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

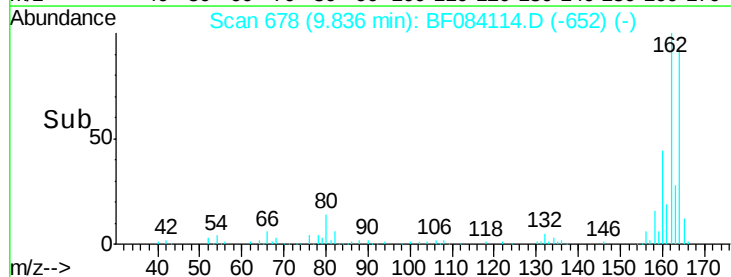
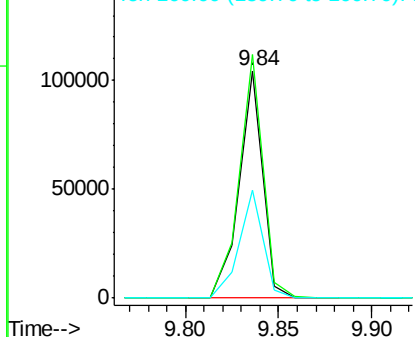


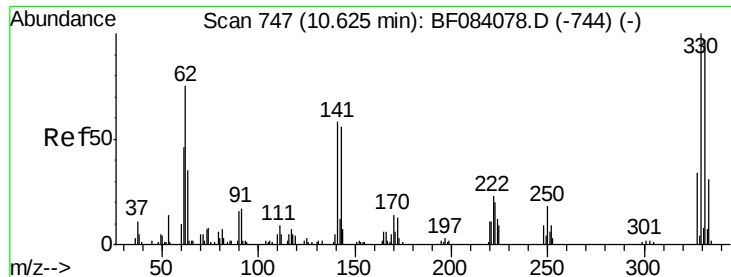
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084114.D
 Acq: 25 Dec 2015 7:53

Tgt Ion: 164 Resp: 92342
 Ion Ratio Lower Upper
 164 100
 162 107.2 85.1 127.7
 160 47.6 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

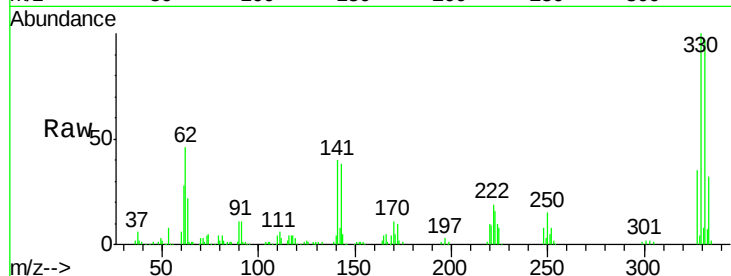




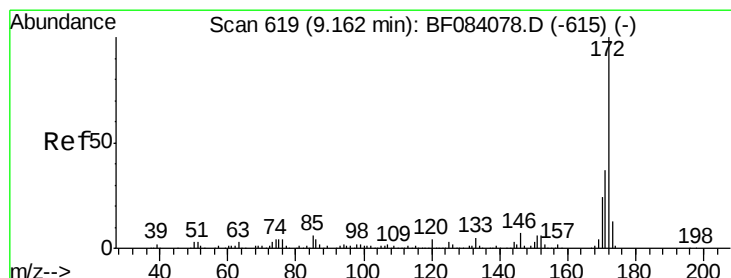
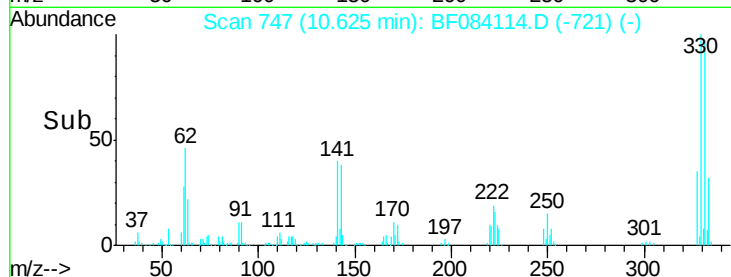
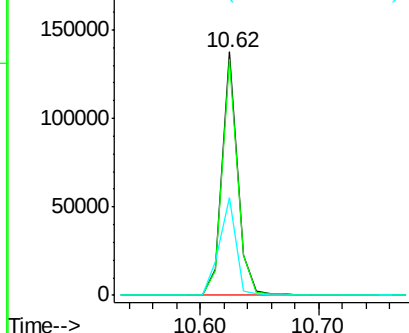
#41
 2,4,6-Tribromophenol
 Concen: 125.35 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084114.D
 Acq: 25 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-122215

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	43.3	27.8	41.6#

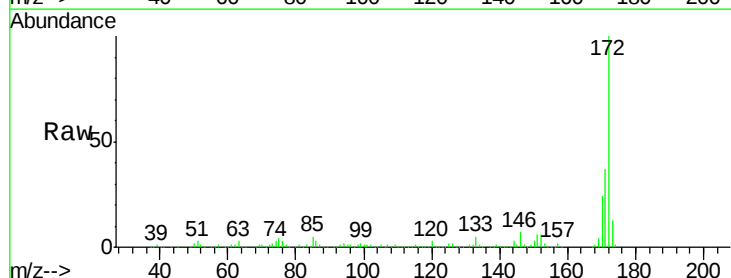


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

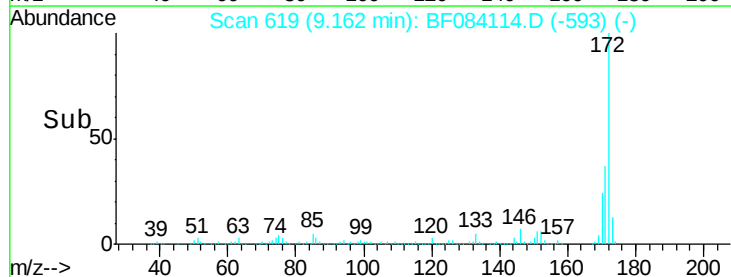
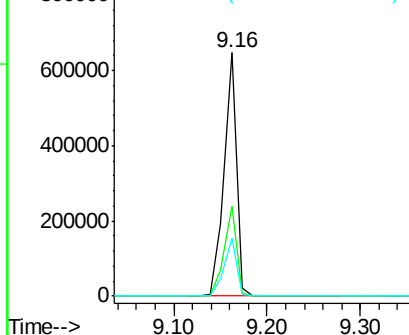


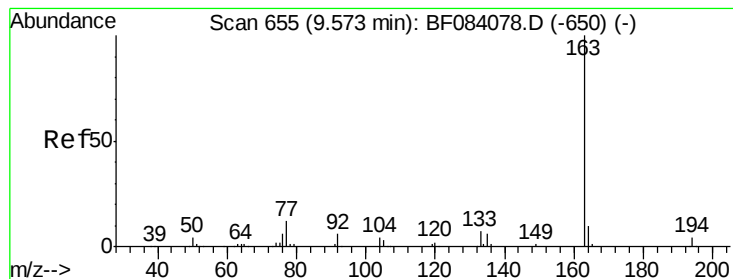
#44
 2-Fluorobiphenyl
 Concen: 88.42 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084114.D
 Acq: 25 Dec 2015 7:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	23.8	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





#49

Dimethylphthalate

Concen: 2.48 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF084114.D

Acq: 25 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

MW-9-122215

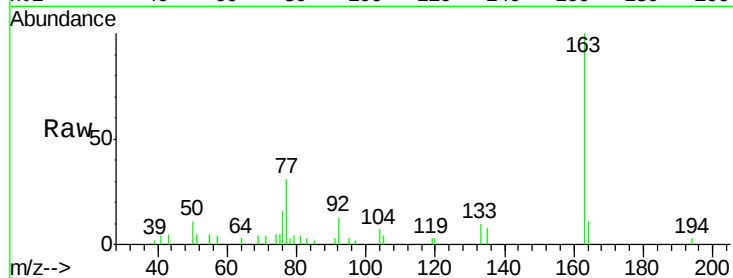
Tgt Ion:163 Resp: 18936

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

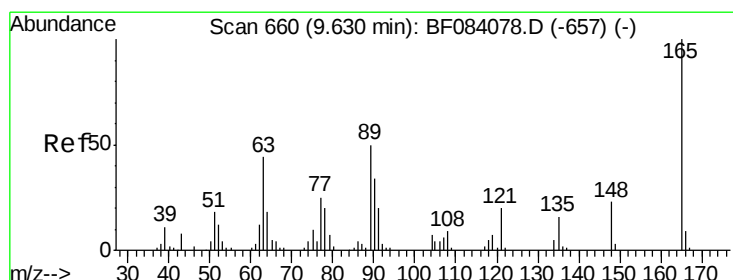
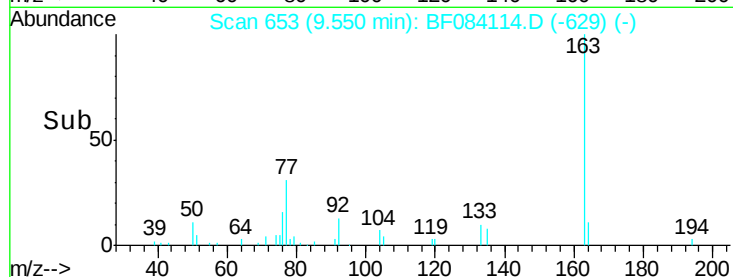
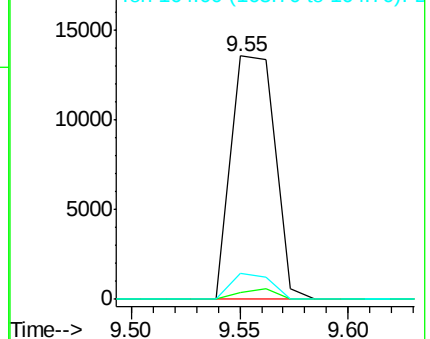
164 10.6 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 7.25 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.21 min

Lab File: BF084114.D

Acq: 25 Dec 2015 7:53

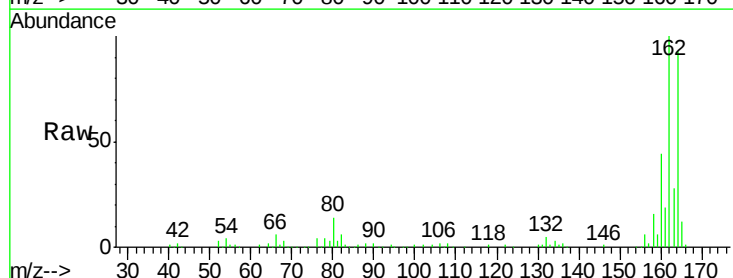
Tgt Ion:165 Resp: 11765

Ion Ratio Lower Upper

165 100

63 0.0 28.8 43.2#

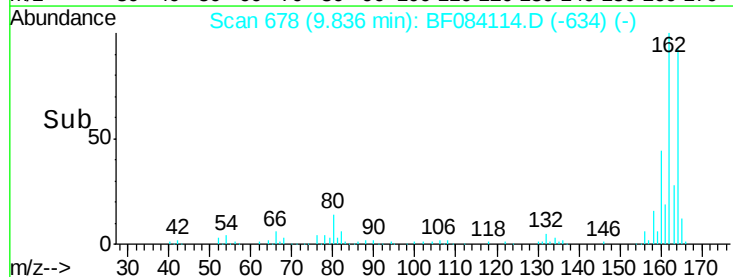
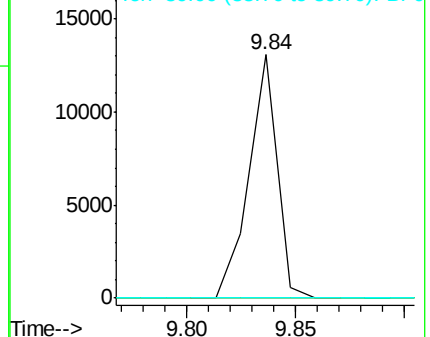
89 0.0 35.1 52.7#

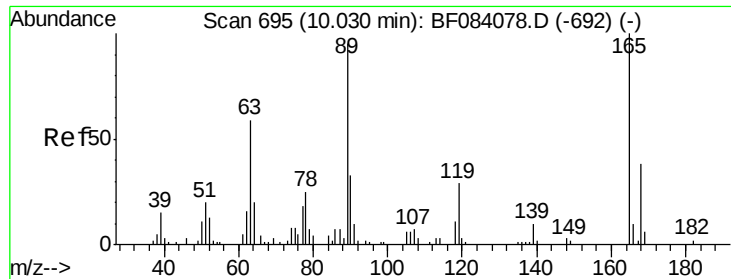


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.49 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.19 min

Lab File: BF084114.D

Acq: 25 Dec 2015 7:53

Instrument :

BNA_F

ClientSampleId :

MW-9-122215

Tgt Ion:165 Resp: 11765

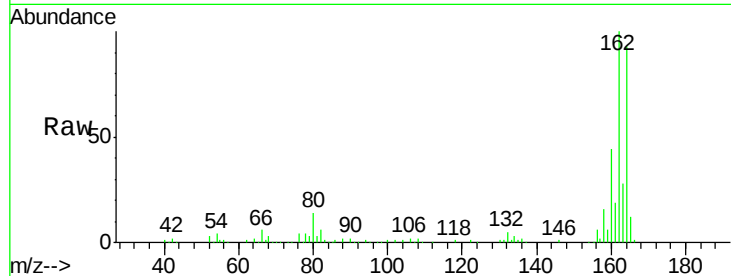
Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

89 0.0 61.9 92.9#

182 0.0 2.0 3.0#

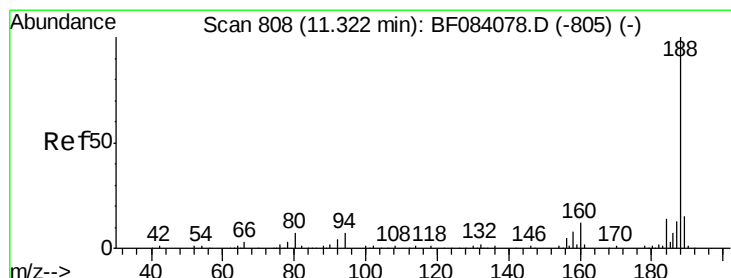
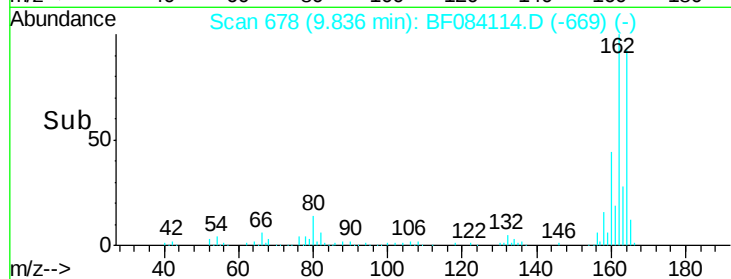
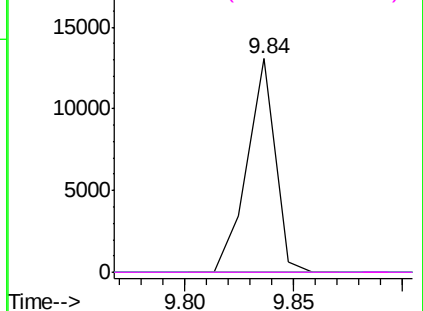


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF084114.D

Acq: 25 Dec 2015 7:53

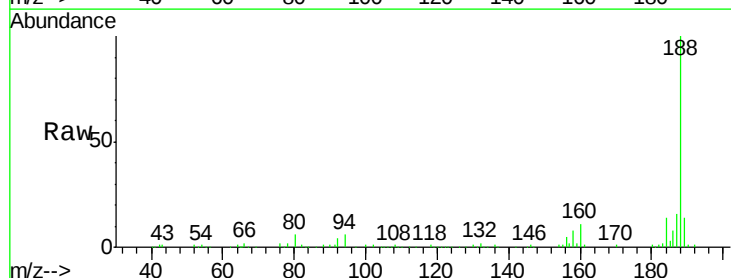
Tgt Ion:188 Resp: 164840

Ion Ratio Lower Upper

188 100

94 6.3 9.0 13.4#

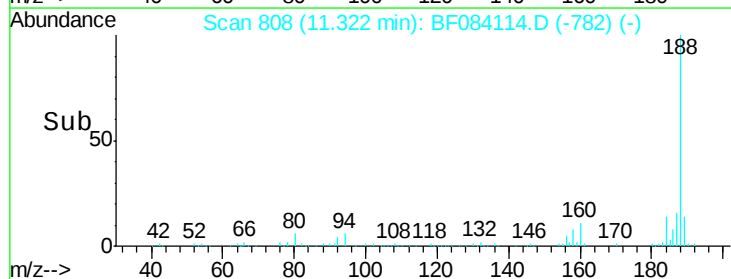
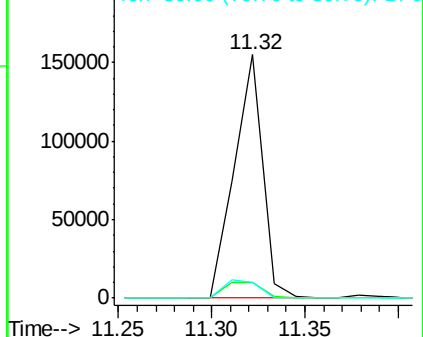
80 6.4 9.6 14.4#

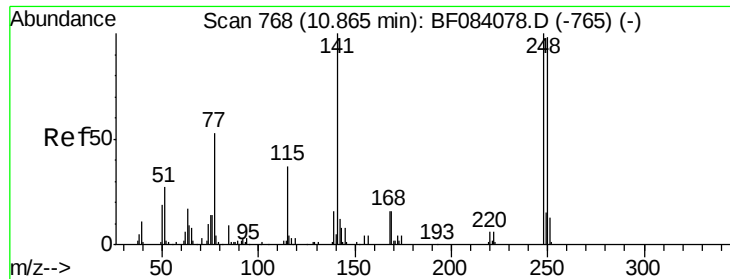


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

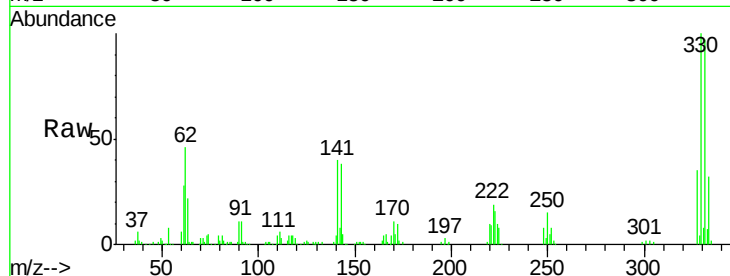




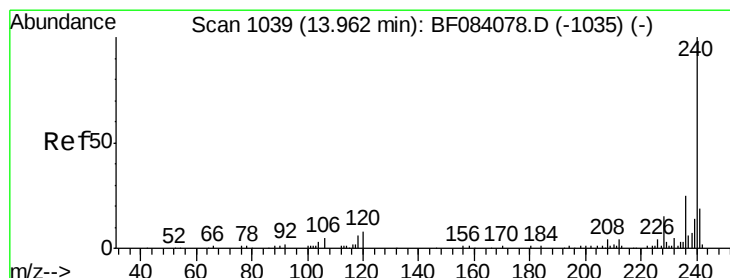
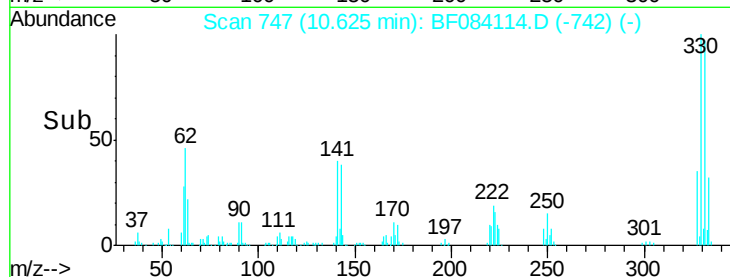
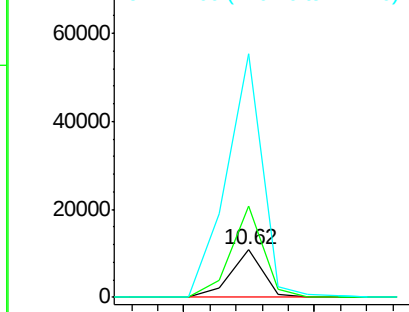
#66
 4-Bromophenyl-phenylether
 Concen: 4.94 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084114.D
 Acq: 25 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-122215

Tgt Ion: 248 Resp: 9426
 Ion Ratio Lower Upper
 248 100
 250 191.7 78.4 117.6#
 141 514.8 44.0 66.0#

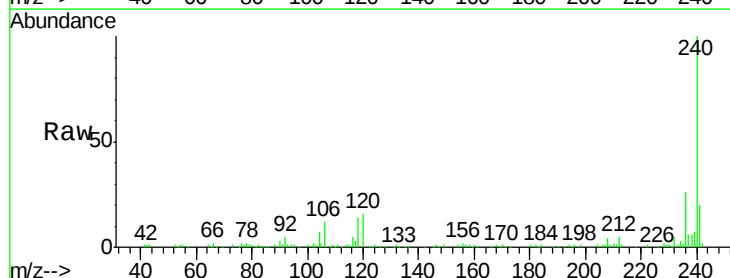


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

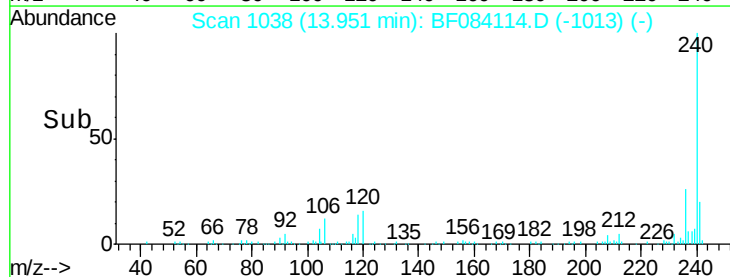
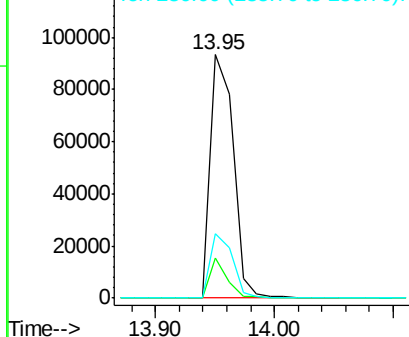


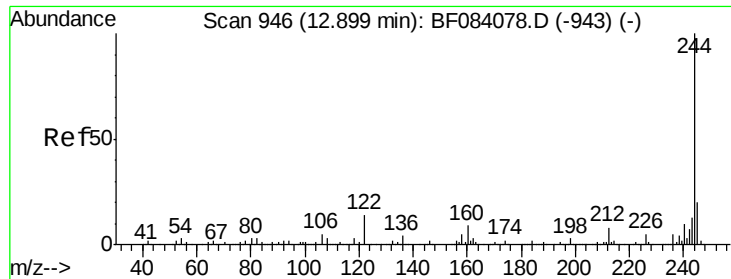
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084114.D
 Acq: 25 Dec 2015 7:53

Tgt Ion: 240 Resp: 125341
 Ion Ratio Lower Upper
 240 100
 120 16.4 9.5 14.3#
 236 26.4 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

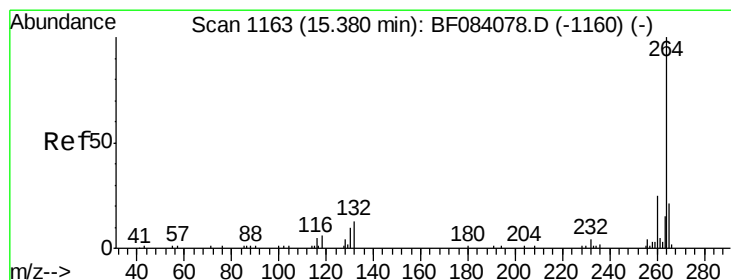
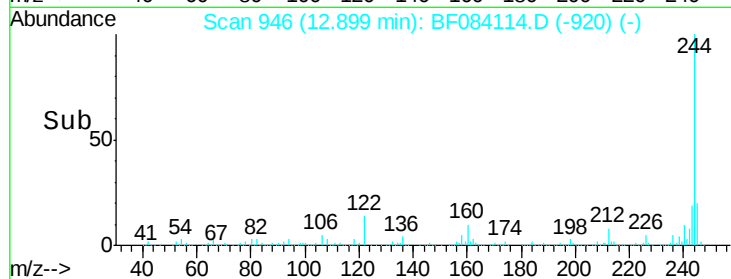
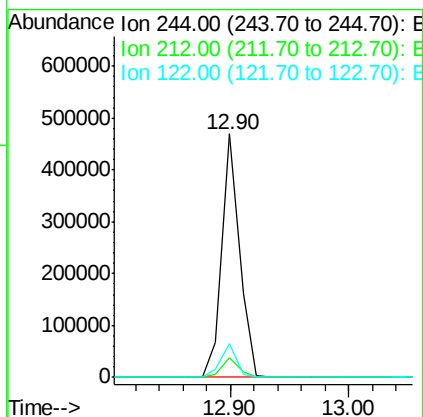
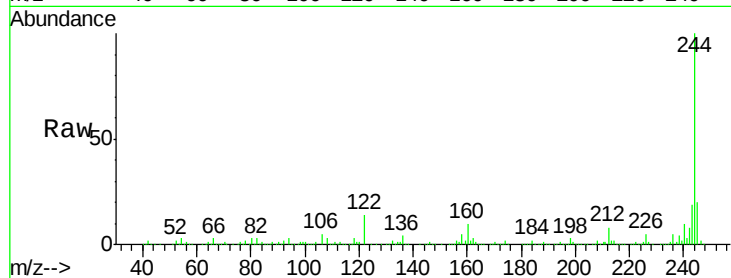




#78
 Terphenyl-d14
 Concen: 69.55 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF084114.D
 Acq: 25 Dec 2015 7:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-122215

Tgt Ion:244 Resp: 481756
 Ion Ratio Lower Upper
 244 100
 212 8.1 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: BF084114.D
 Acq: 25 Dec 2015 7:53

Tgt Ion:264 Resp: 103275
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 20.7 17.8 26.6

