

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084119.D
 Acq On : 25 Dec 2015 10:14
 Operator : UM/SJ
 Sample : G4951-12
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-122315

Quant Time: Dec 26 00:35:01 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

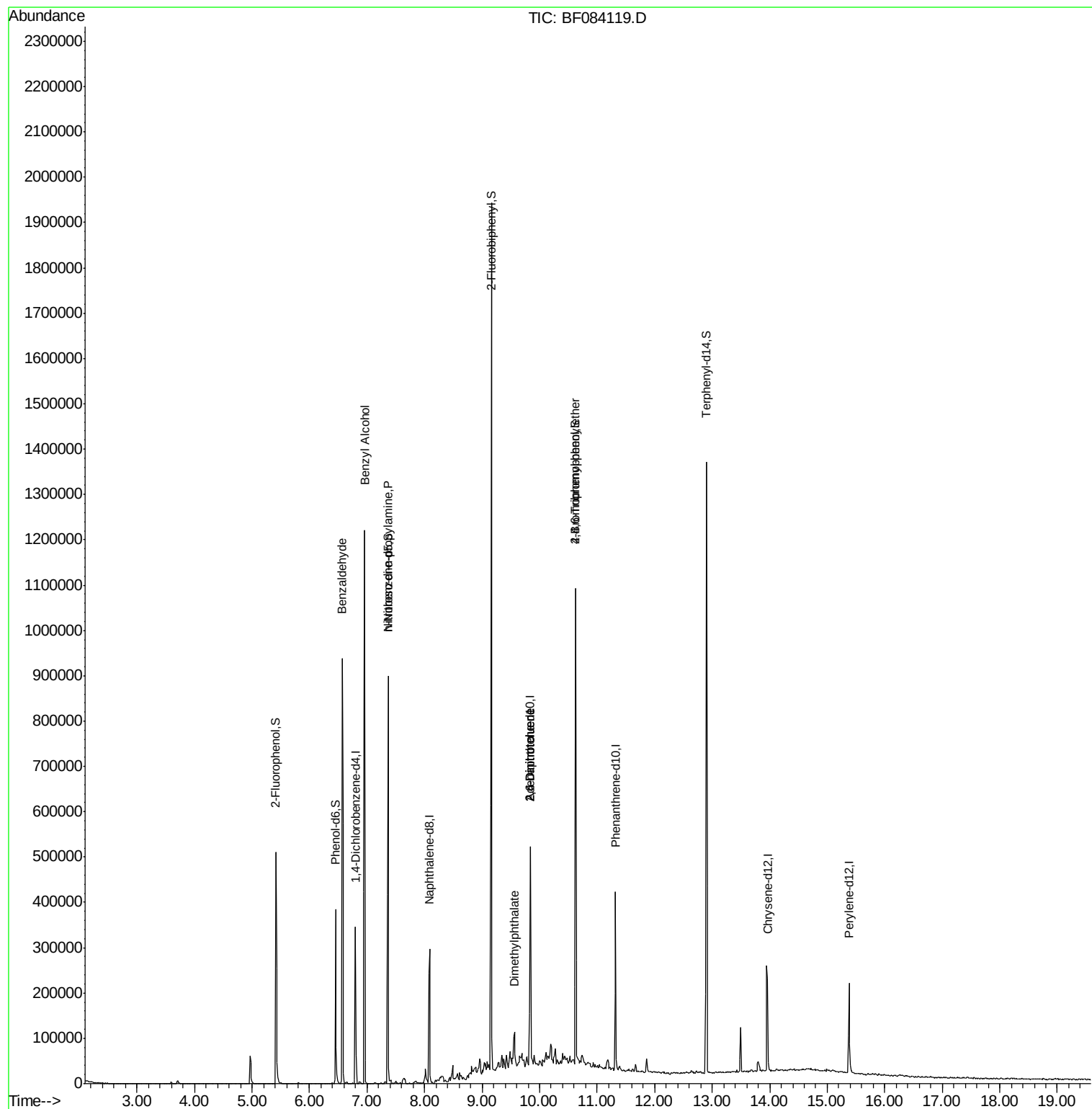
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50696	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	191176	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	93519	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	155542	20.00	ng	0.00
75) Chrysene-d12	13.96	240	107843	20.00	ng	0.00
86) Perylene-d12	15.38	264	92868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	178189	59.59	ng	0.00
7) Phenol-d6	6.45	99	133283	36.02	ng	0.00
23) Nitrobenzene-d5	7.37	82	325068	99.53	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	119090	119.41	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	590572	86.41	ng	0.00
78) Terphenyl-d14	12.90	244	420322	70.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	7166	3.62	ng	# 82
15) Benzyl Alcohol	6.96	79	5846	2.09	ng	# 41
19) n-Nitroso-di-n-propylamine	7.37	70	44609	19.57	ng	# 76
49) Dimethylphthalate	9.56	163	32318	4.17	ng	# 91
50) 2,6-Dinitrotoluene	9.84	165	11970	7.28	ng	# 39
56) 2,4-Dinitrotoluene	9.84	165	11970	5.52	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	8450	4.69	ng	# 1
74) Fluoranthene	12.76	202	1115	Below Cal		61

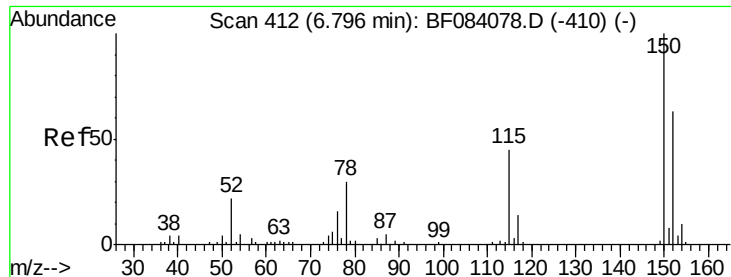
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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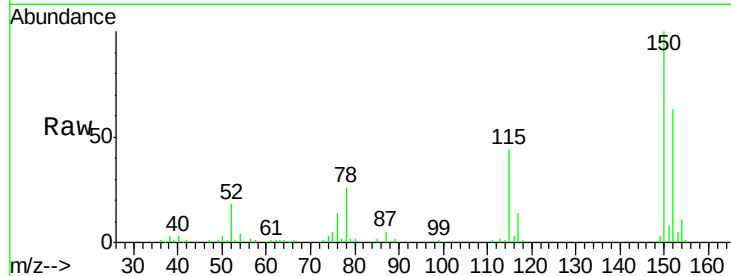


#1

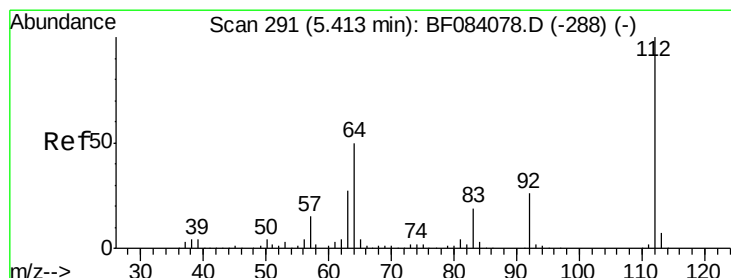
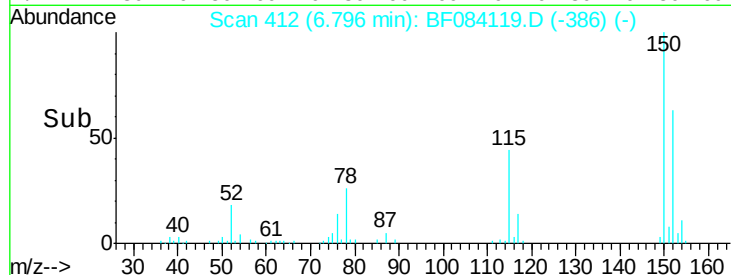
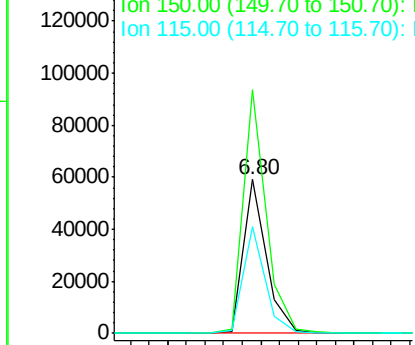
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF084119.D
 Acq: 25 Dec 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-122315

Tgt Ion:152 Resp: 50696
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.0 184.4
 115 69.0 51.4 77.2



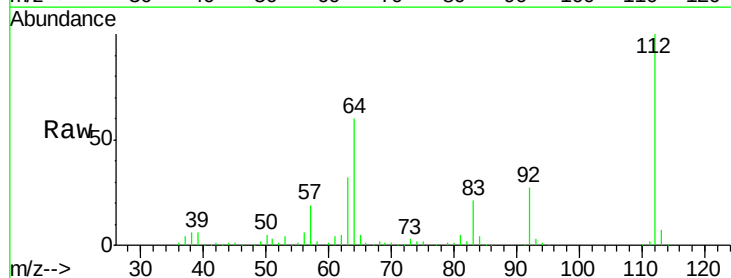
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



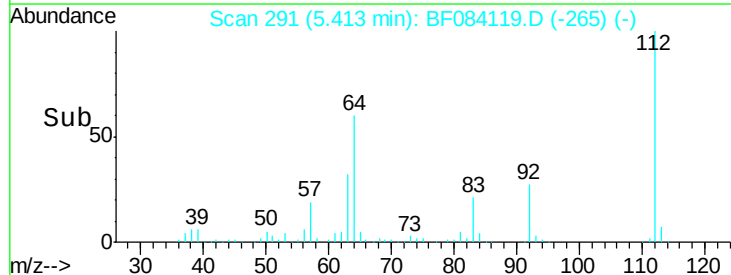
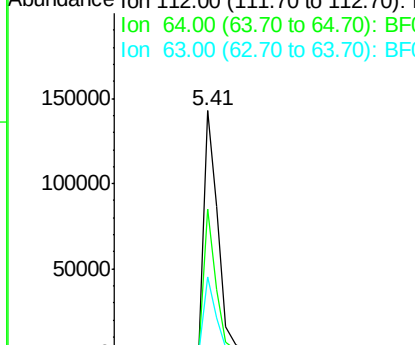
#5

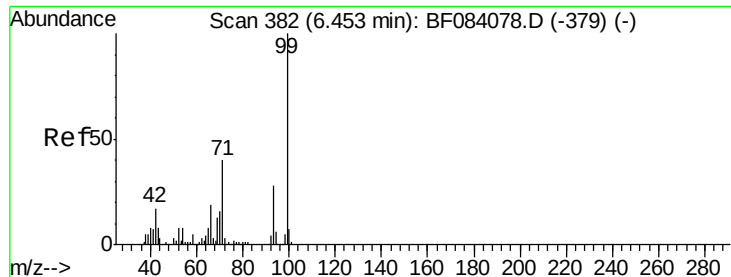
2-Fluorophenol
 Concen: 59.59 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF084119.D
 Acq: 25 Dec 2015 10:14

Tgt Ion:112 Resp: 178189
 Ion Ratio Lower Upper
 112 100
 64 59.6 36.6 55.0#
 63 31.9 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: 36.02 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084119.D

Acq: 25 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

PZ-6-122315

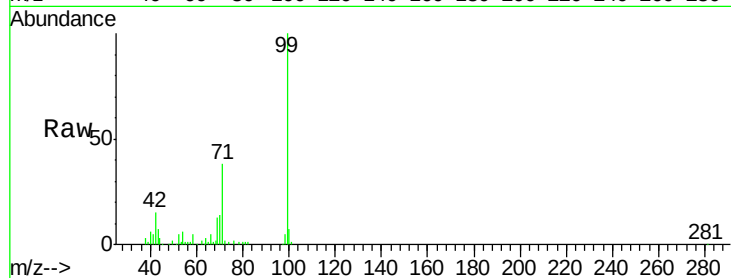
Tgt Ion: 99 Resp: 133283

Ion Ratio Lower Upper

99 100

42 14.6 12.8 19.2

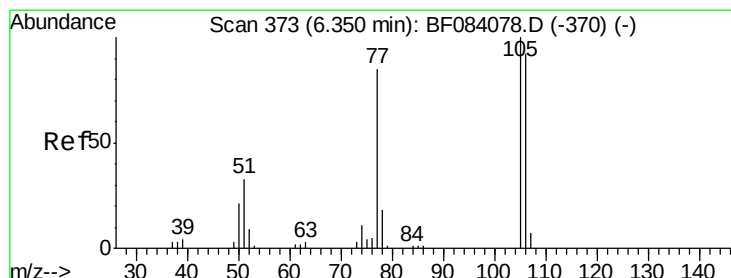
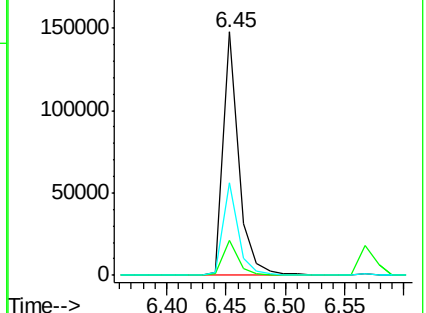
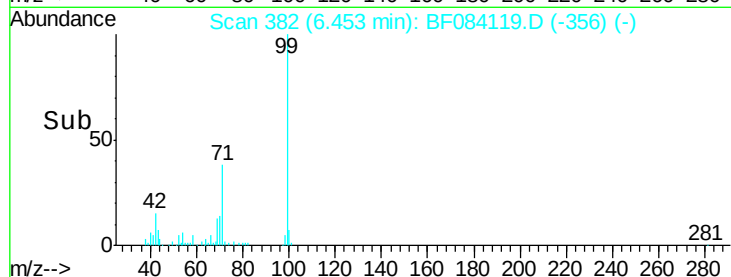
71 38.1 30.9 46.3



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: 3.62 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084119.D

Acq: 25 Dec 2015 10:14

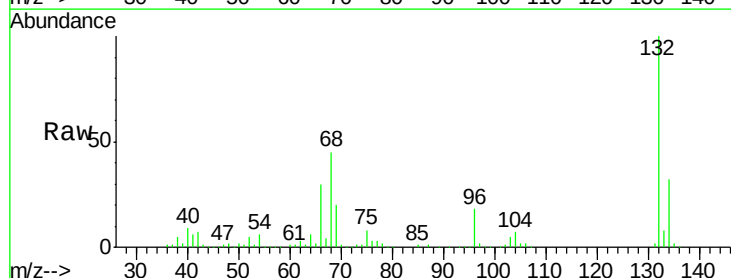
Tgt Ion: 77 Resp: 7166

Ion Ratio Lower Upper

77 100

105 81.1 83.0 123.0#

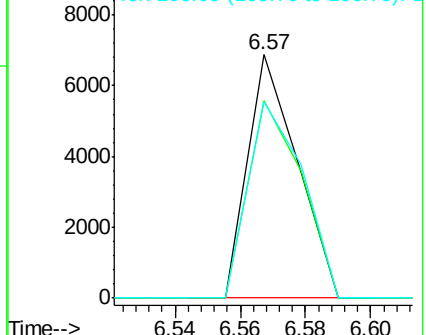
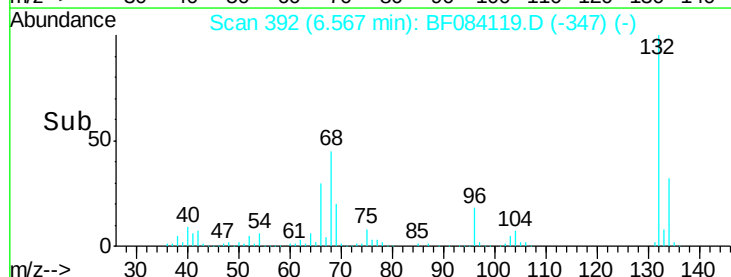
106 80.7 74.6 114.6

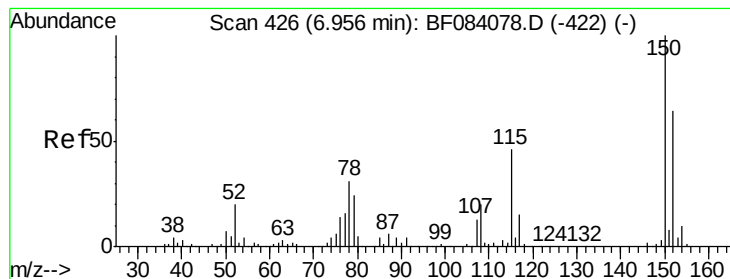


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF084119.D

Acq: 25 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

PZ-6-122315

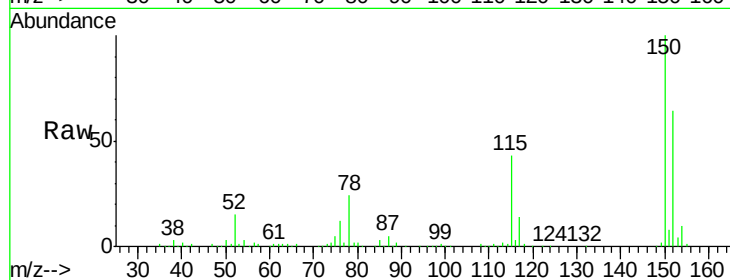
Tgt Ion: 79 Resp: 5846

Ion Ratio Lower Upper

79 100

108 33.5 69.0 103.4#

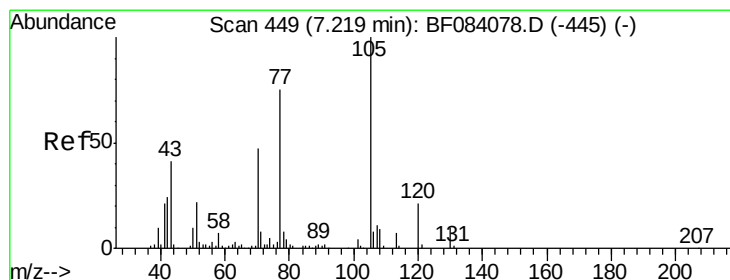
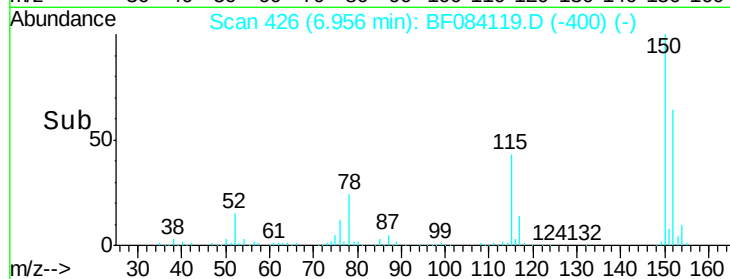
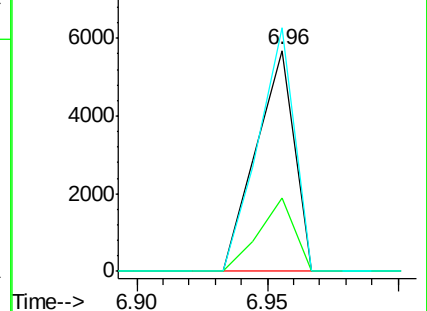
77 110.2 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.57 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.15 min

Lab File: BF084119.D

Acq: 25 Dec 2015 10:14

Tgt Ion: 70 Resp: 44609

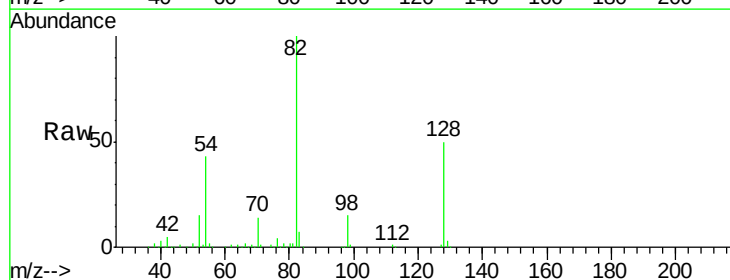
Ion Ratio Lower Upper

70 100

42 38.6 33.3 49.9

101 0.0 9.3 13.9#

130 2.4 23.4 35.0#

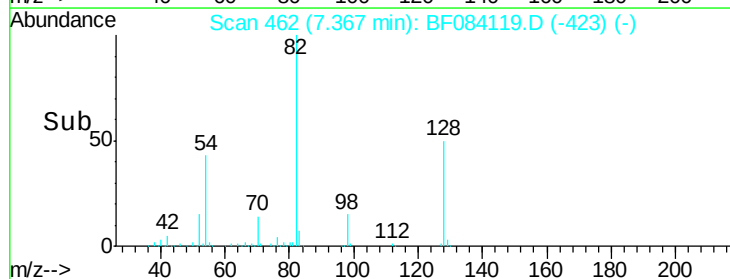
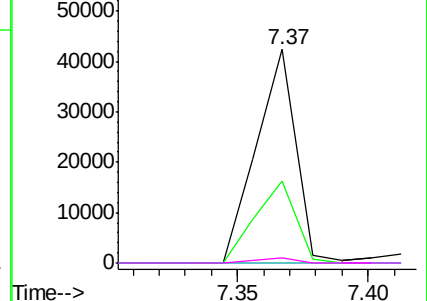


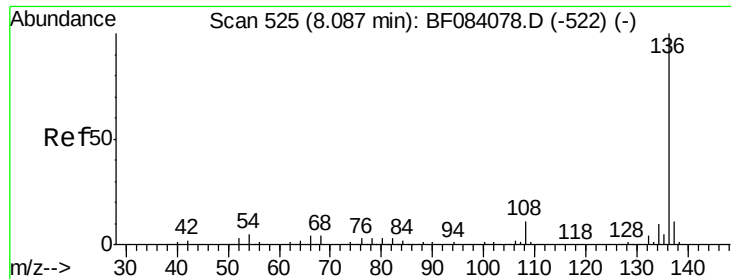
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

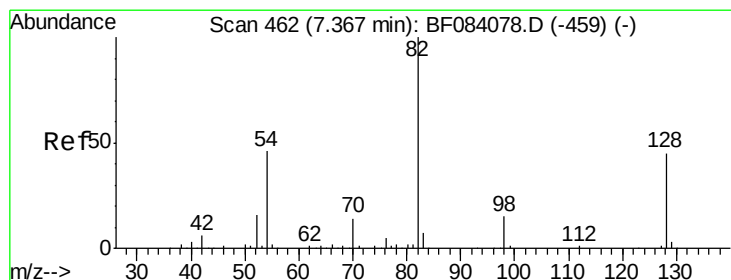
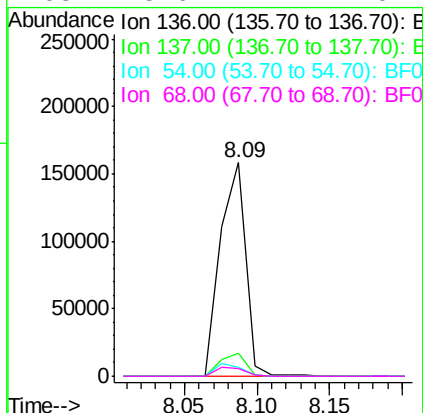
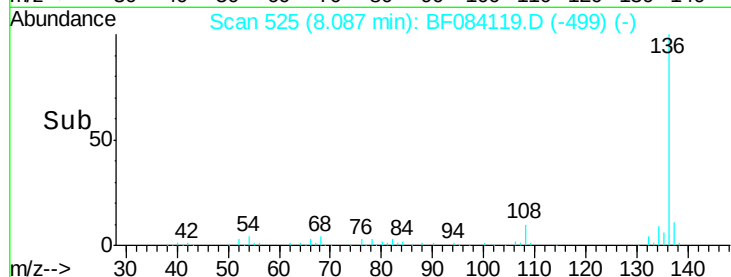
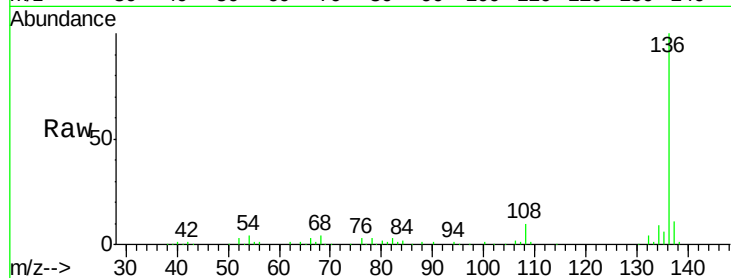




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084119.D
Acq: 25 Dec 2015 10:14

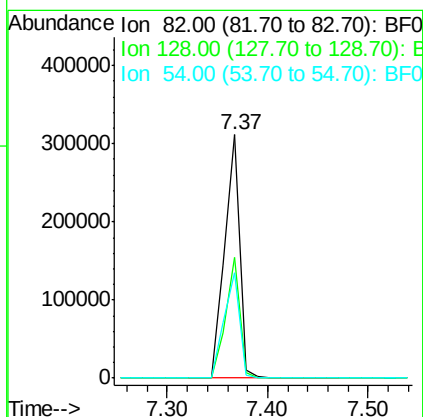
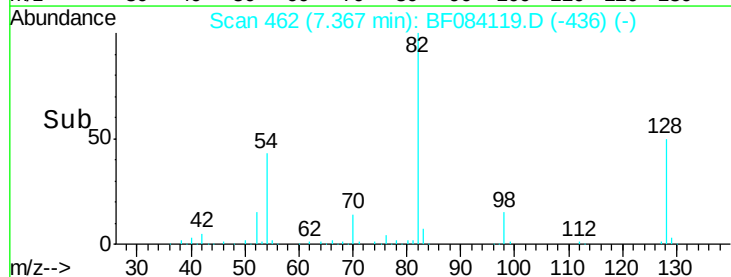
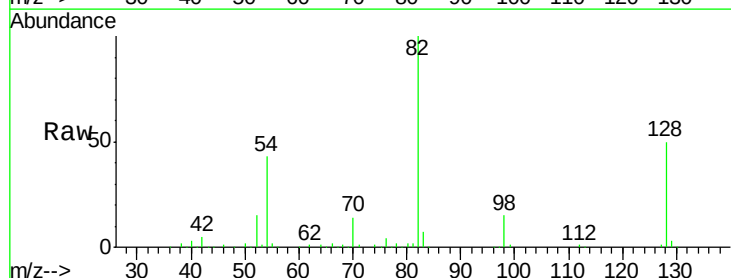
Instrument :
BNA_F
ClientSampleId :
PZ-6-122315

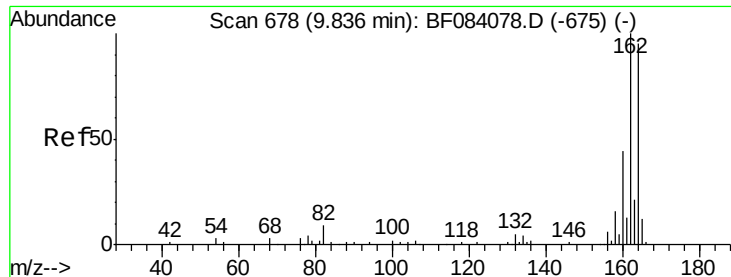
Tgt Ion:	136	Resp:	191176
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	3.9	5.8	8.8#
68	3.6	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 99.53 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF084119.D
Acq: 25 Dec 2015 10:14

Tgt Ion:	82	Resp:	325068
Ion	Ratio	Lower	Upper
82	100		
128	49.6	34.6	51.8
54	43.5	38.4	57.6

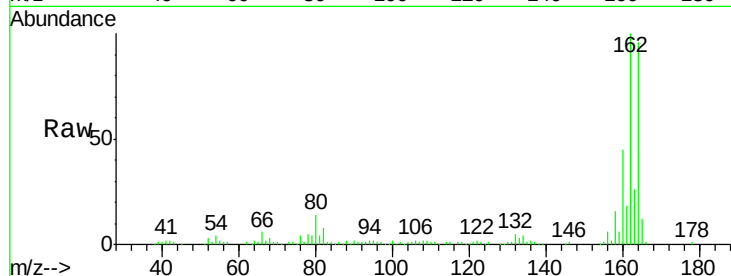




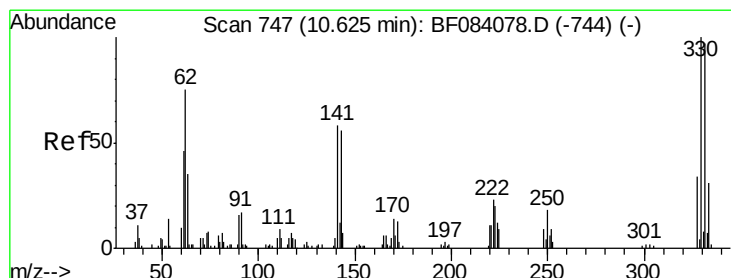
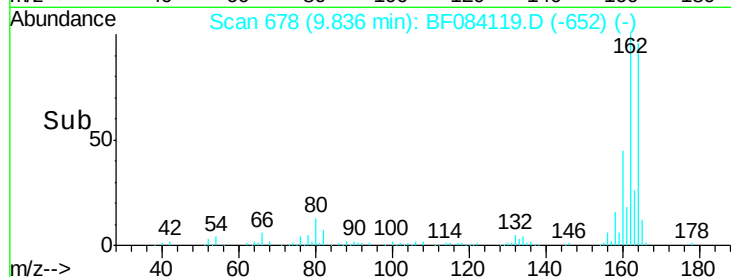
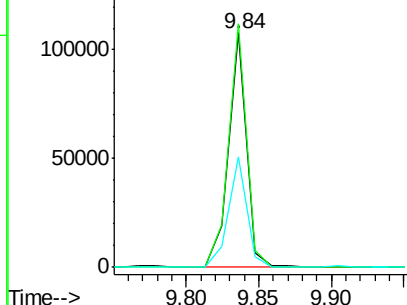
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084119.D
 Acq: 25 Dec 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-122315

Tgt Ion:164 Resp: 93519
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.1 127.7
 160 46.9 37.5 56.3

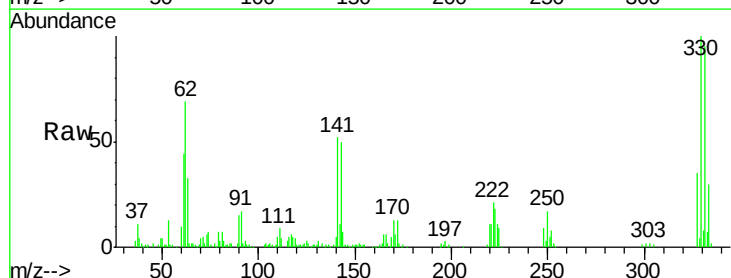


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

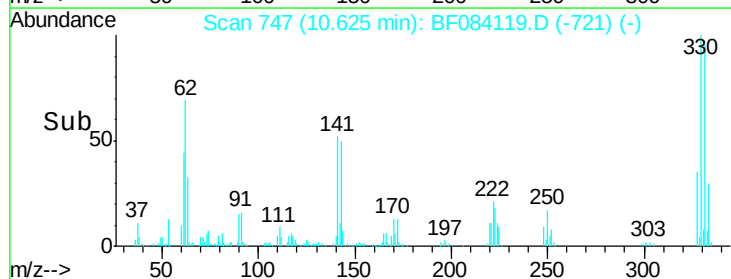
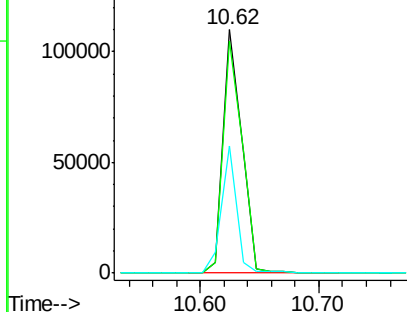


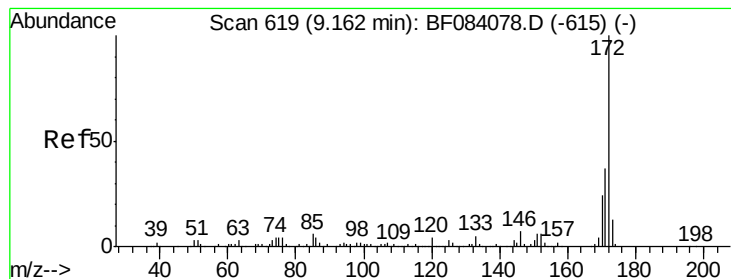
#41
 2,4,6-Tribromophenol
 Concen: 119.41 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084119.D
 Acq: 25 Dec 2015 10:14

Tgt Ion:330 Resp: 119090
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 43.8 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

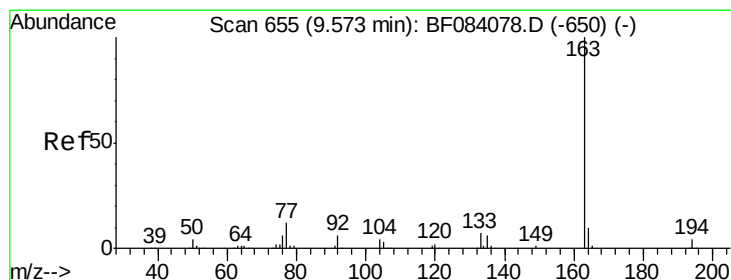
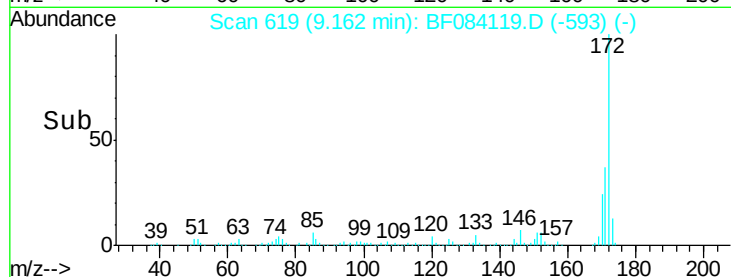
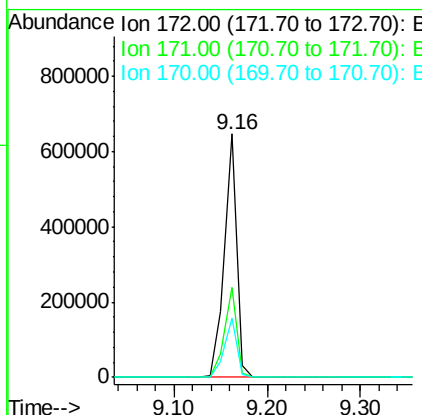
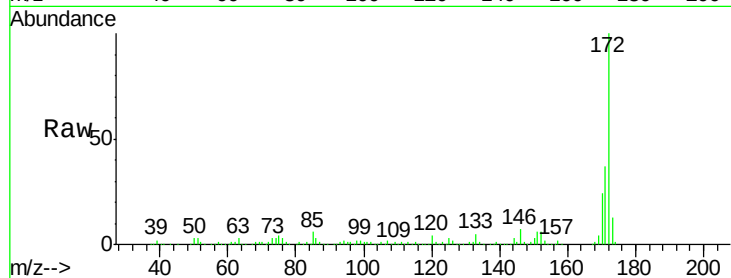




#44
 2-Fluorobiphenyl
 Concen: 86.41 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084119.D
 Acq: 25 Dec 2015 10:14

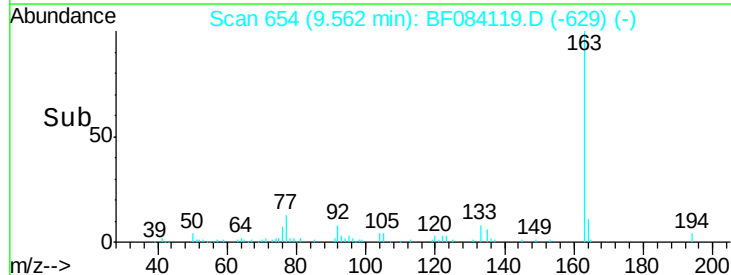
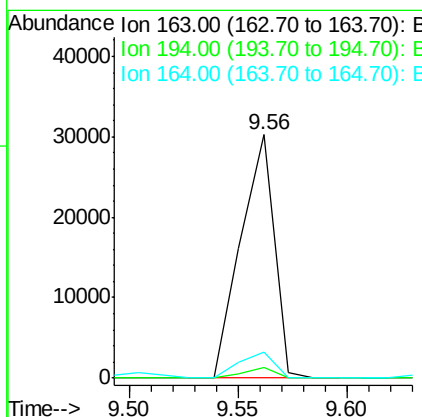
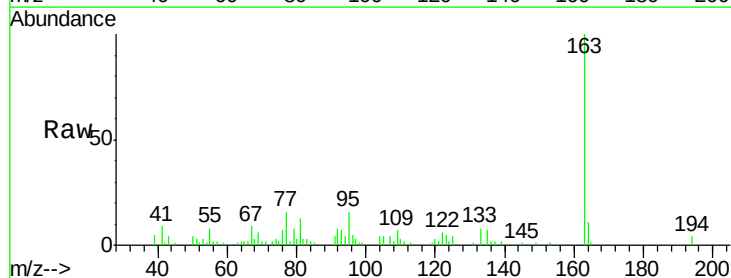
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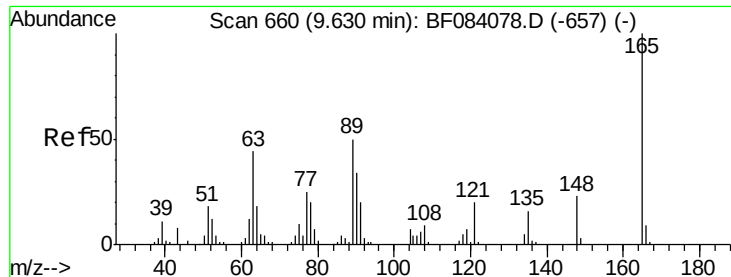
Tgt Ion:172 Resp: 590572
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 24.2 18.6 27.8



#49
 Dimethylphthalate
 Concen: 4.17 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF084119.D
 Acq: 25 Dec 2015 10:14

Tgt Ion:163 Resp: 32318
 Ion Ratio Lower Upper
 163 100
 194 4.1 8.0 12.0#
 164 10.8 8.0 12.0

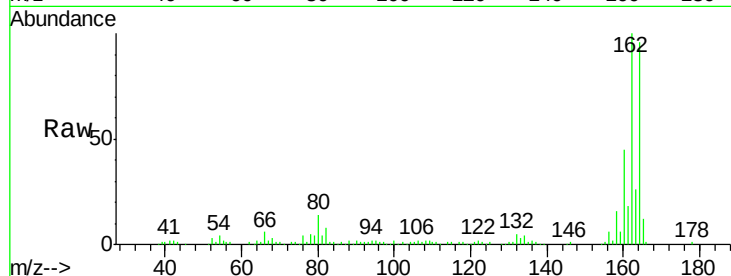




#50
 2,6-Dinitrotoluene
 Concen: 7.28 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.21 min
 Lab File: BF084119.D
 Acq: 25 Dec 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-122315

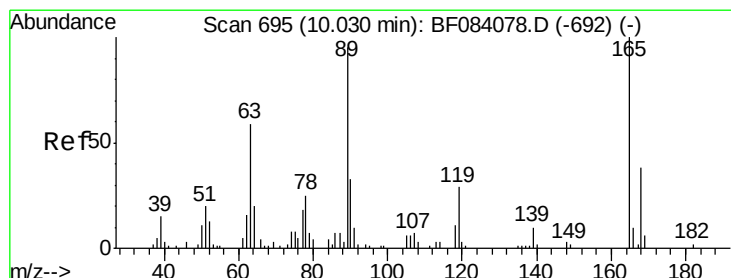
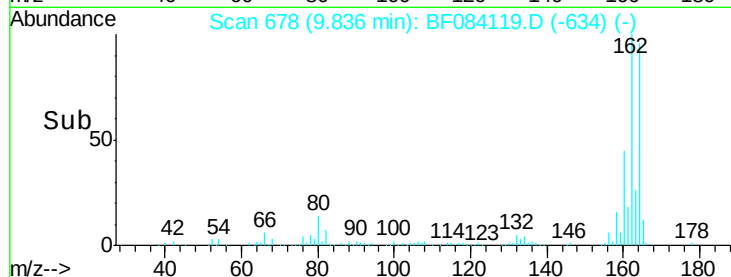
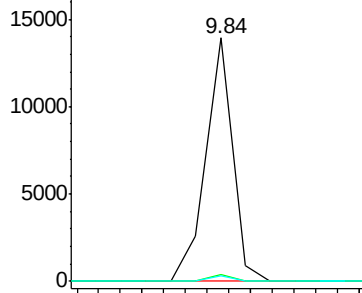
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	28.8	43.2#
89	2.2	35.1	52.7#



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: 5.52 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.19 min
 Lab File: BF084119.D
 Acq: 25 Dec 2015 10:14

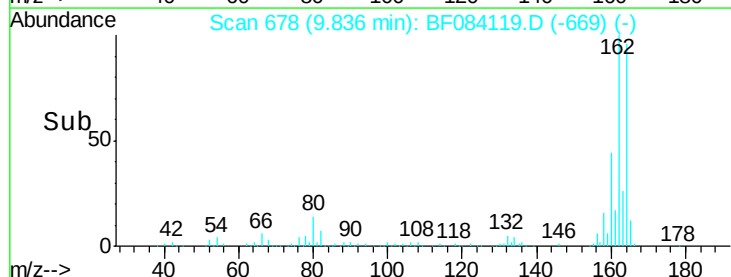
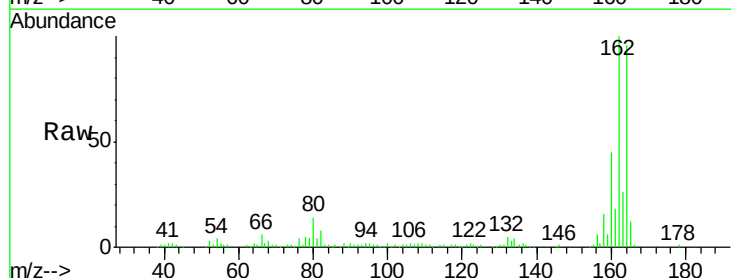
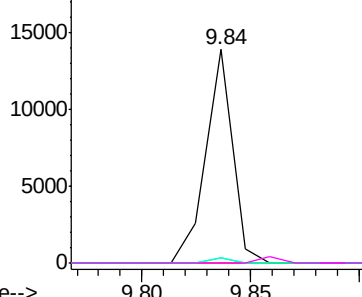
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	36.7	55.1#
89	2.2	61.9	92.9#
182	0.0	2.0	3.0#

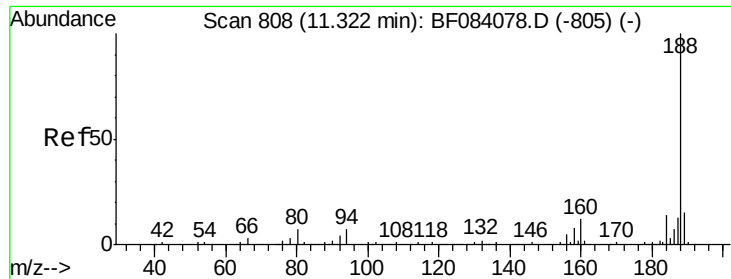
Abundance Ion 165.00 (164.70 to 165.70): E

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

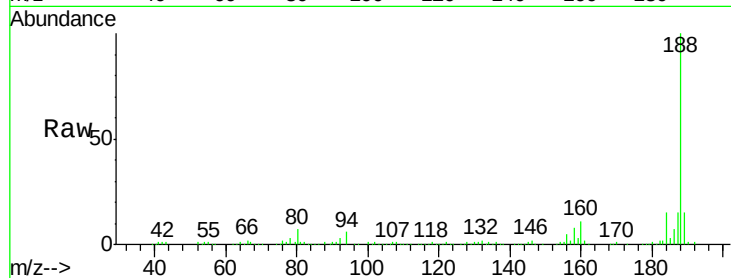




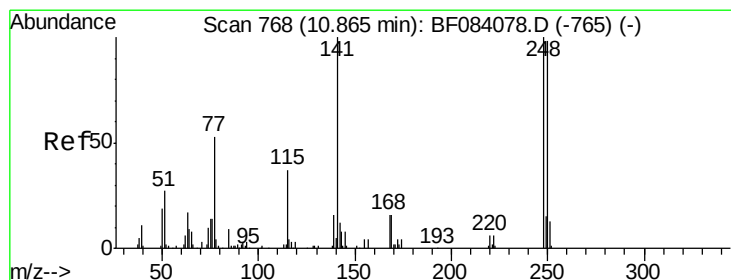
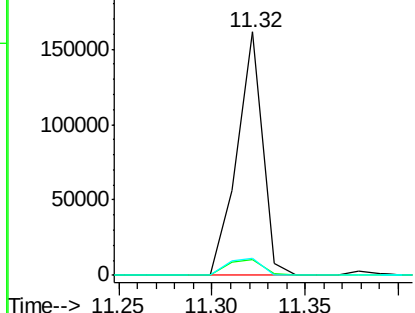
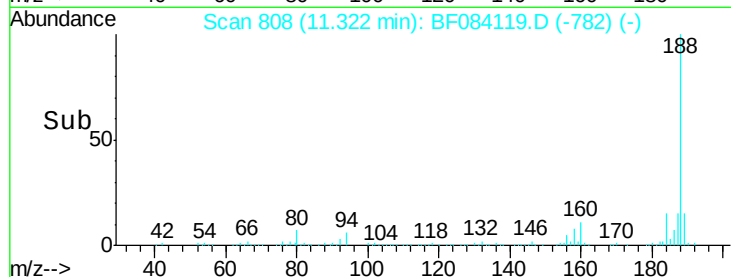
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084119.D
 Acq: 25 Dec 2015 10:14

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-122315

Tgt Ion:188 Resp: 155542
 Ion Ratio Lower Upper
 188 100
 94 6.5 9.0 13.4#
 80 6.9 9.6 14.4#

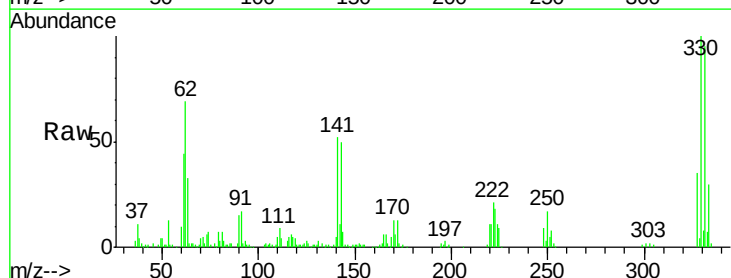


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

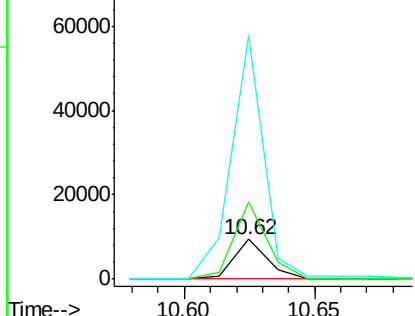
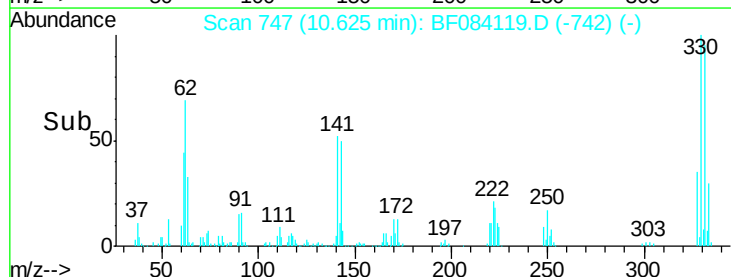


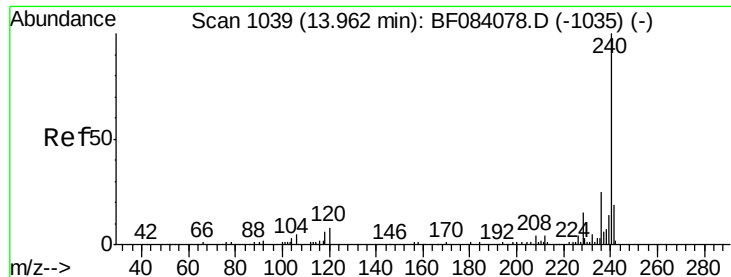
#66
 4-Bromophenyl-phenylether
 Concen: 4.69 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084119.D
 Acq: 25 Dec 2015 10:14

Tgt Ion:248 Resp: 8450
 Ion Ratio Lower Upper
 248 100
 250 194.6 78.4 117.6#
 141 610.7 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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF084119.D

Acq: 25 Dec 2015 10:14

Instrument :

BNA_F

ClientSampleId :

PZ-6-122315

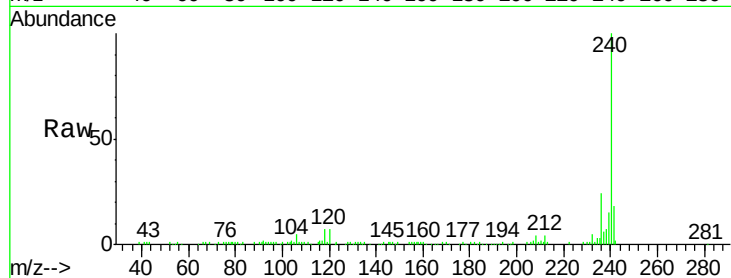
Tgt Ion:240 Resp: 107843

Ion Ratio Lower Upper

240 100

120 7.3 9.5 14.3#

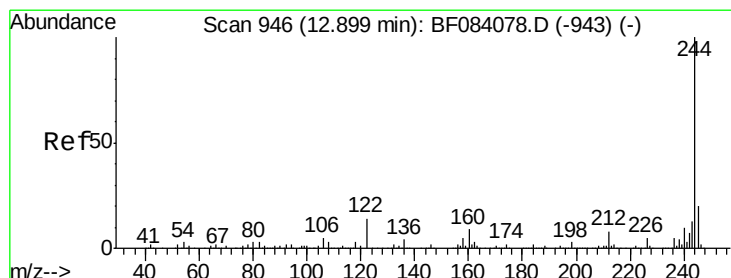
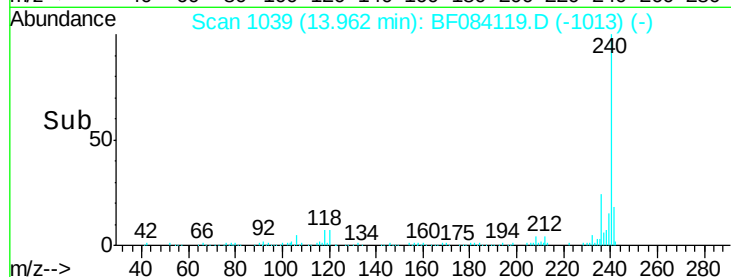
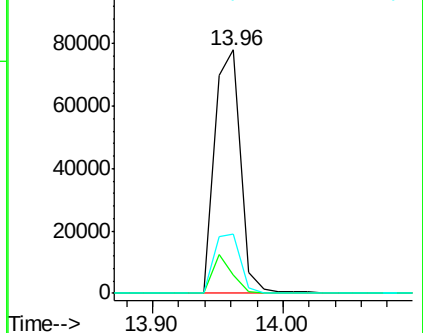
236 24.5 20.6 31.0



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: 70.53 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF084119.D

Acq: 25 Dec 2015 10:14

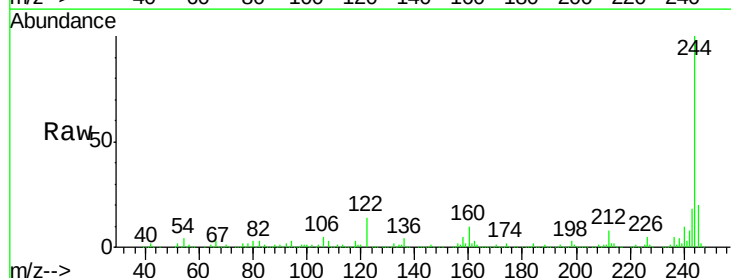
Tgt Ion:244 Resp: 420322

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

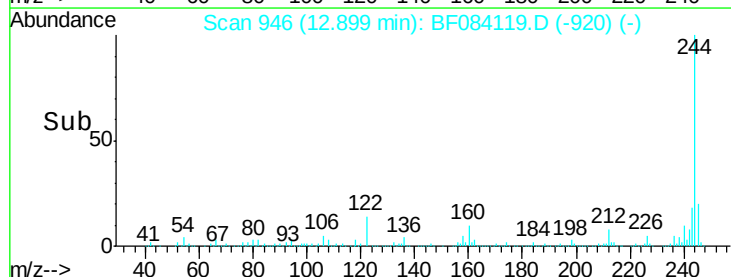
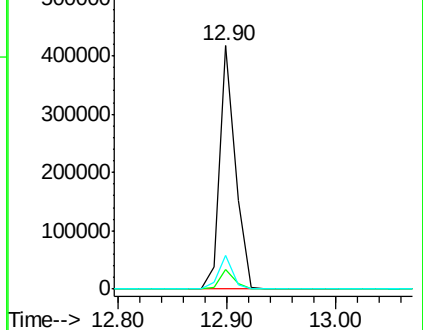
122 13.7 7.4 11.0#

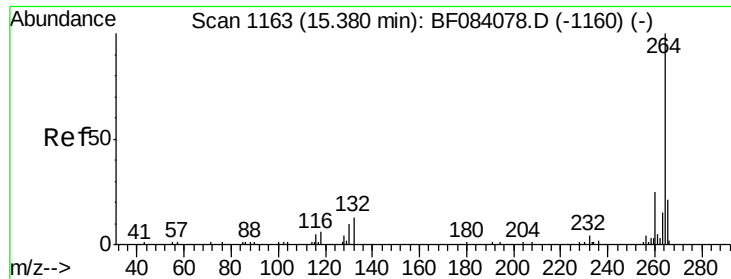


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF084119.D
Acq: 25 Dec 2015 10:14

Instrument :
BNA_F
ClientSampleId :
PZ-6-122315

Tgt Ion: 264 Resp: 92868
Ion Ratio Lower Upper
264 100
260 22.8 19.4 29.2
265 20.5 17.8 26.6

