

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084104.D
 Acq On : 25 Dec 2015 3:08
 Operator : UM/SJ
 Sample : G4951-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4-122215

Quant Time: Dec 25 05:51:56 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

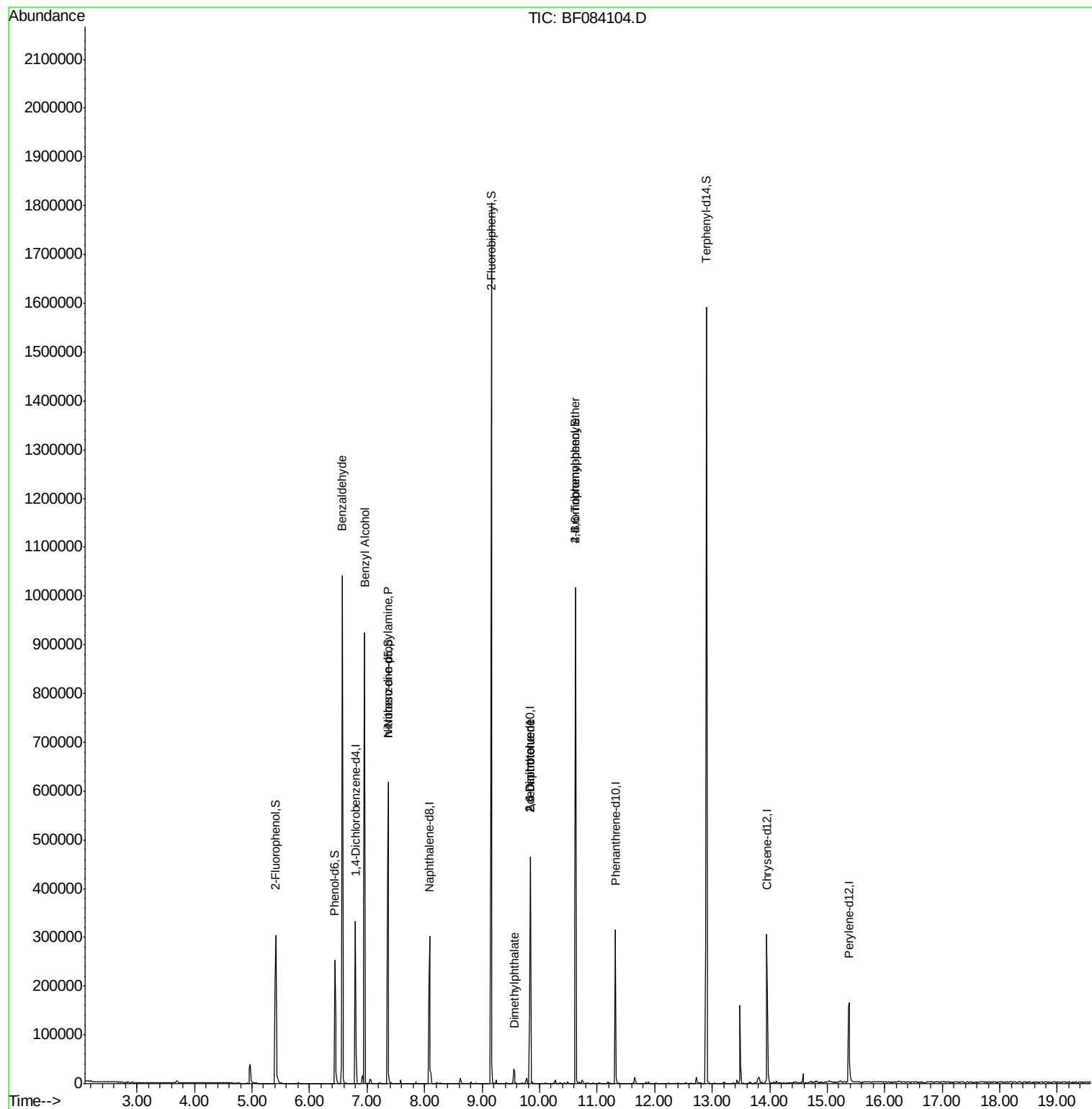
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49355	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	186010	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	91620	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	166013	20.00	ng	0.00
75) Chrysene-d12	13.95	240	125969	20.00	ng	-0.01
86) Perylene-d12	15.38	264	99908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	129073	44.34	ng	0.00
7) Phenol-d6	6.44	99	108322	30.07	ng	-0.01
23) Nitrobenzene-d5	7.37	82	256024	80.57	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	120684	123.52	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	563241	84.12	ng	0.00
78) Terphenyl-d14	12.90	244	464022	66.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	6317	3.28	ng	# 81
15) Benzyl Alcohol	6.96	79	5606	2.06	ng	# 44
19) n-Nitroso-di-n-propylamine	7.37	70	33980	15.31	ng	# 76
49) Dimethylphthalate	9.56	163	15815	2.08	ng	# 89
50) 2,6-Dinitrotoluene	9.84	165	11571	7.18	ng	# 35
56) 2,4-Dinitrotoluene	9.84	165	11571	5.44	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	8878	4.62	ng	# 1
74) Fluoranthene	12.53	202	2565	Below Cal		86

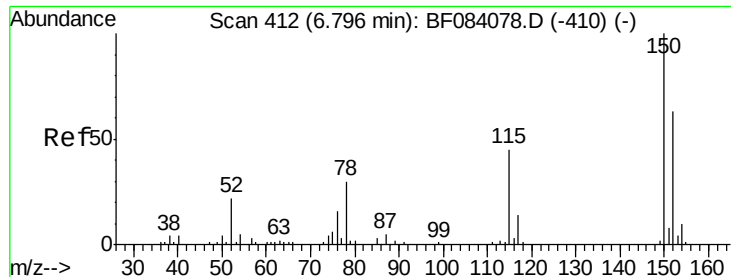
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
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QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084104.D

Acq: 25 Dec 2015 3:08

Instrument :

BNA_F

ClientSampleId :

PZ-4-122215

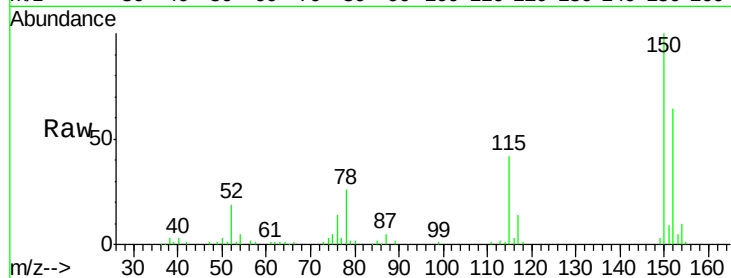
Tgt Ion:152 Resp: 49355

Ion Ratio Lower Upper

152 100

150 155.2 123.0 184.4

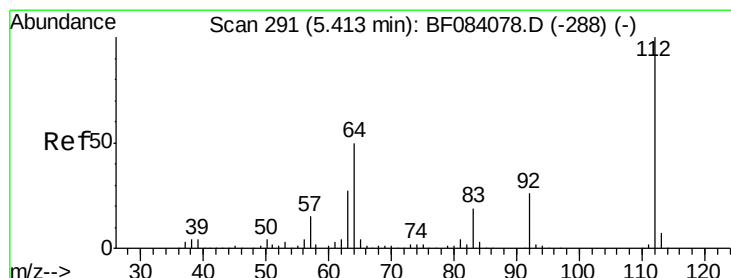
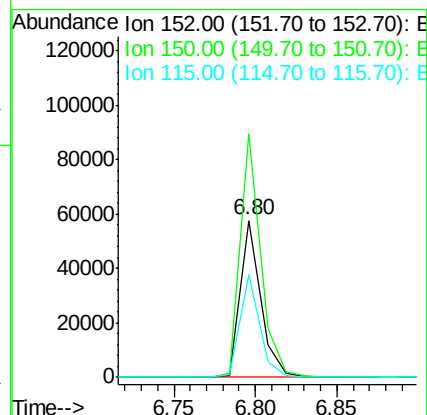
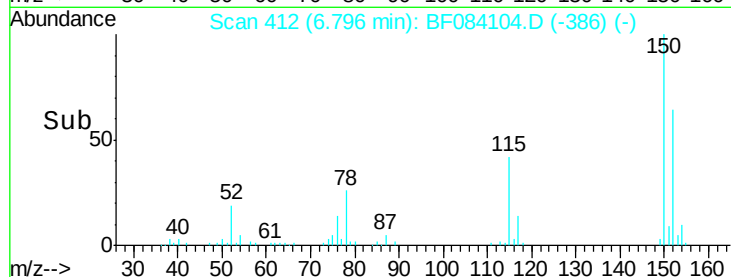
115 66.0 51.4 77.2



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: 44.34 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084104.D

Acq: 25 Dec 2015 3:08

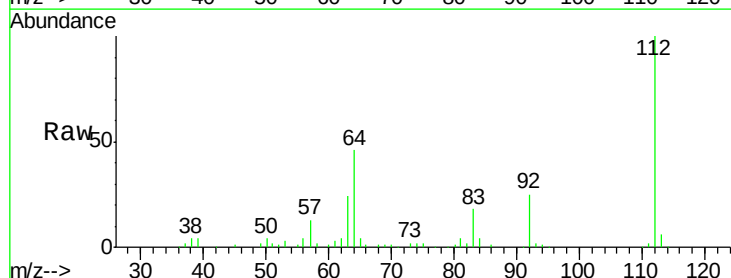
Tgt Ion:112 Resp: 129073

Ion Ratio Lower Upper

112 100

64 45.8 36.6 55.0

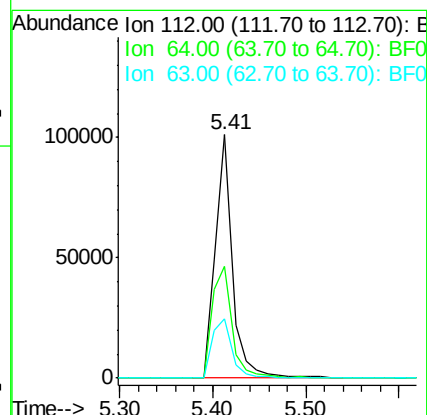
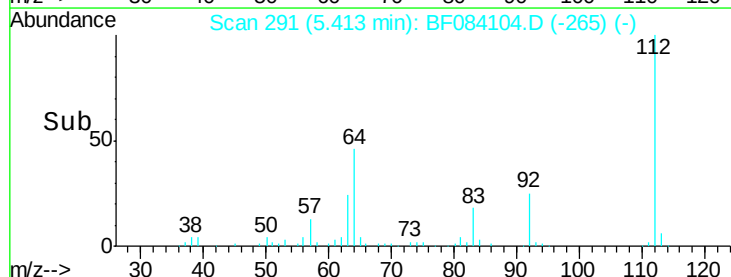
63 24.5 19.4 29.0

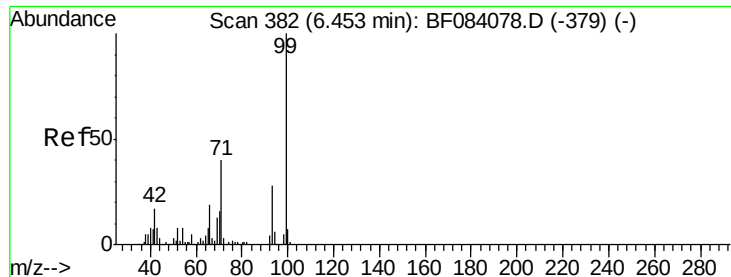


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.07 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084104.D

Acq: 25 Dec 2015 3:08

Instrument :

BNA_F

ClientSampleId :

PZ-4-122215

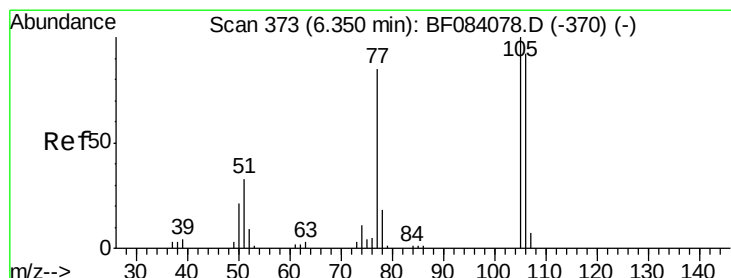
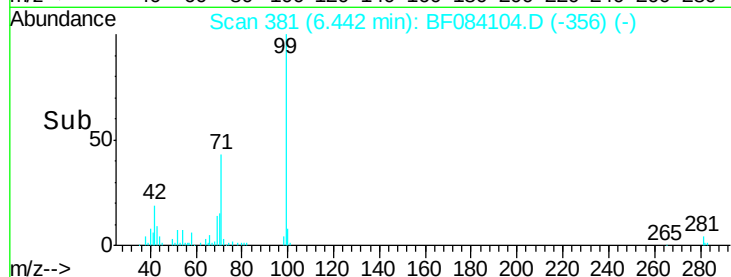
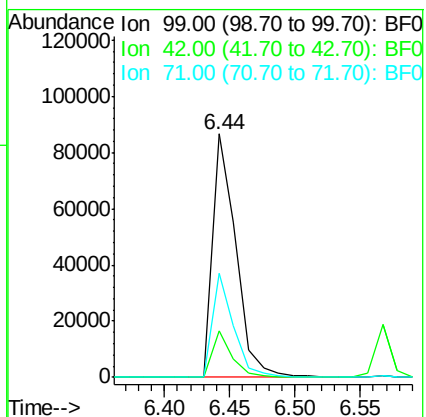
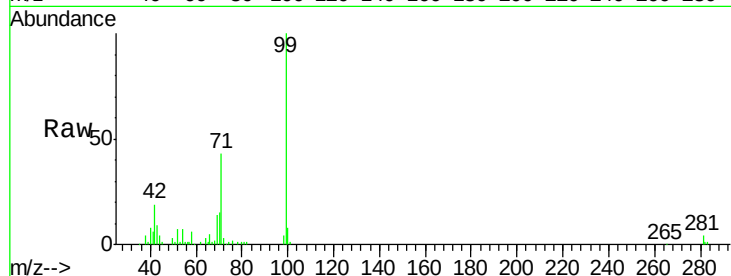
Tgt Ion: 99 Resp: 108322

Ion Ratio Lower Upper

99 100

42 19.0 12.8 19.2

71 43.0 30.9 46.3



#9

Benzaldehyde

Concen: 3.28 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084104.D

Acq: 25 Dec 2015 3:08

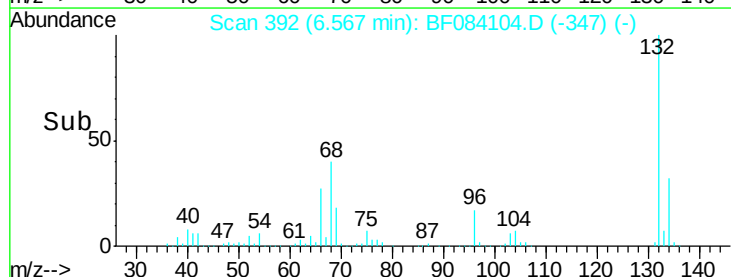
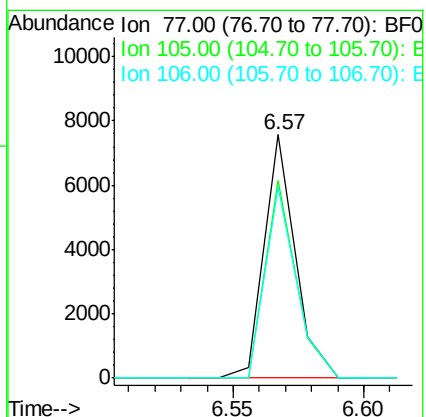
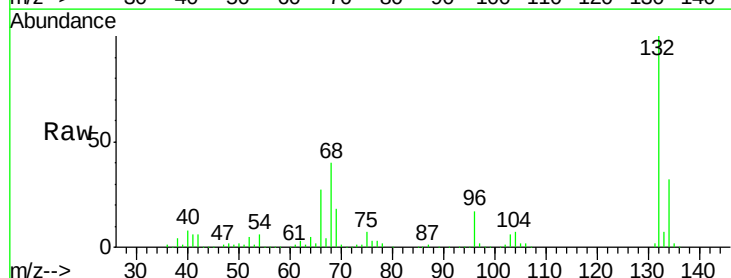
Tgt Ion: 77 Resp: 6317

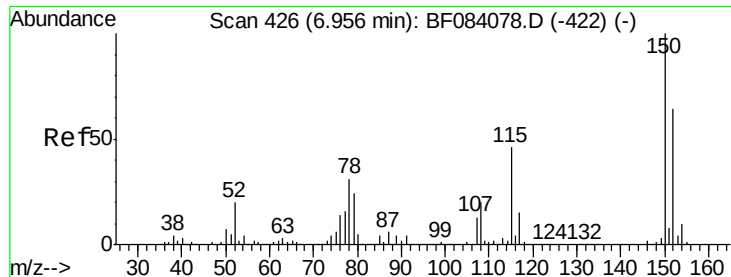
Ion Ratio Lower Upper

77 100

105 81.2 83.0 123.0#

106 78.7 74.6 114.6

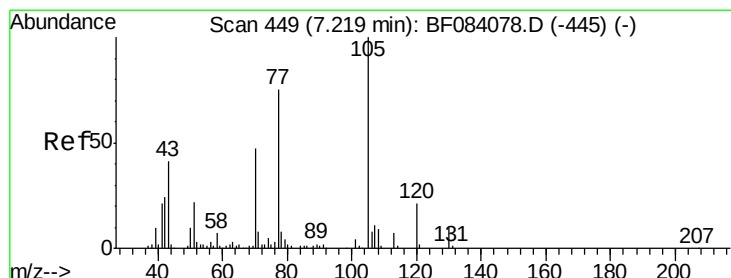
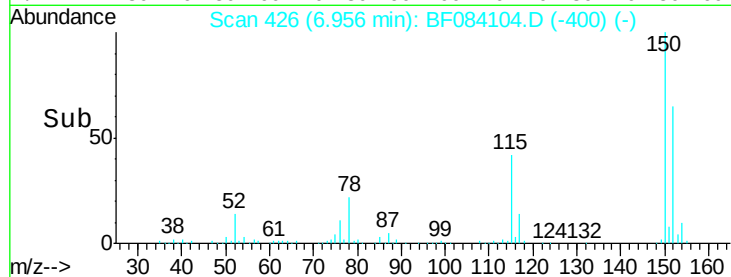
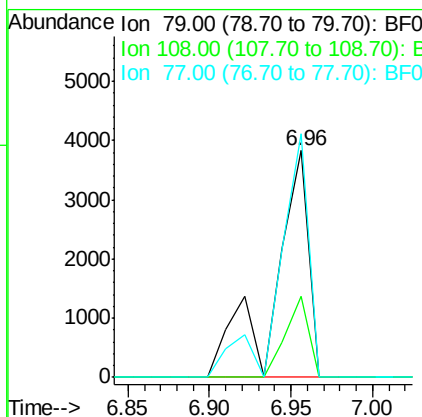
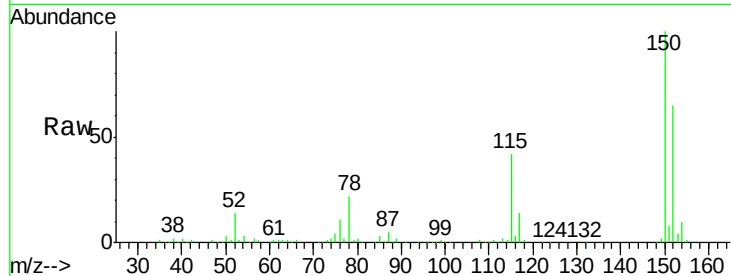




#15
Benzyl Alcohol
Concen: 2.06 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF084104.D
Acq: 25 Dec 2015 3:08

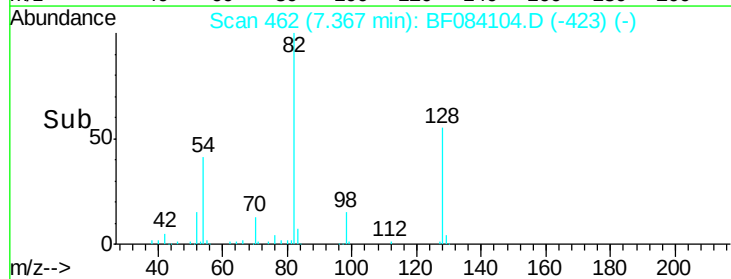
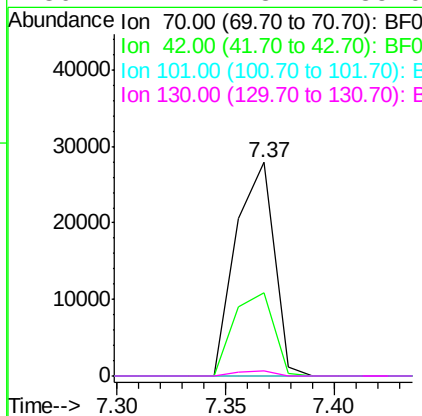
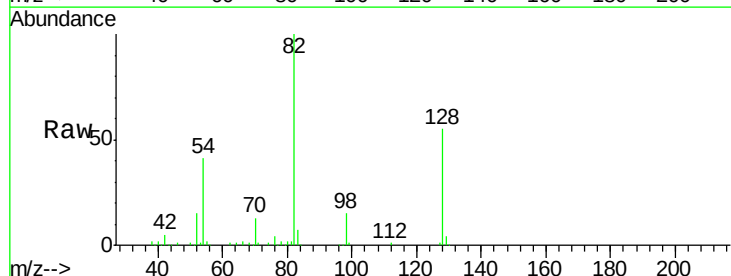
Instrument :
BNA_F
ClientSampled :
PZ-4-122215

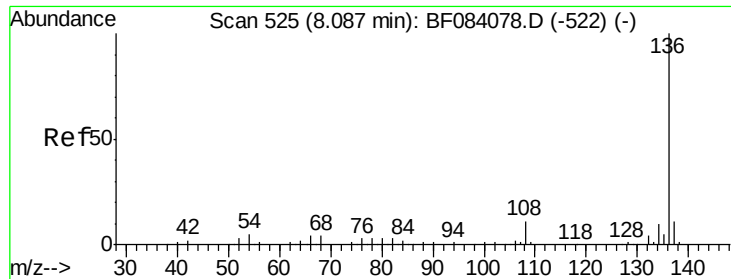
Tgt Ion: 79 Resp: 5606
Ion Ratio Lower Upper
79 100
108 35.8 69.0 103.4#
77 107.4 50.0 75.0#



#19
n-Nitroso-di-n-propylamine
Concen: 15.31 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084104.D
Acq: 25 Dec 2015 3:08

Tgt Ion: 70 Resp: 33980
Ion Ratio Lower Upper
70 100
42 38.7 33.3 49.9
101 0.0 9.3 13.9#
130 2.4 23.4 35.0#

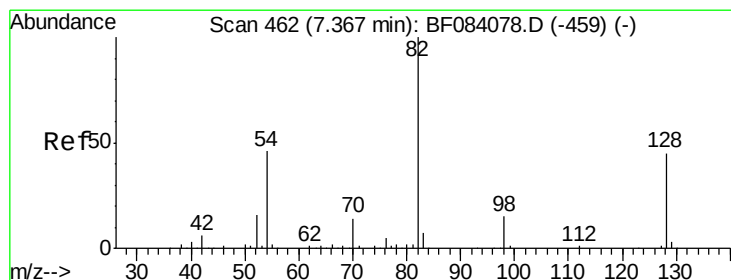
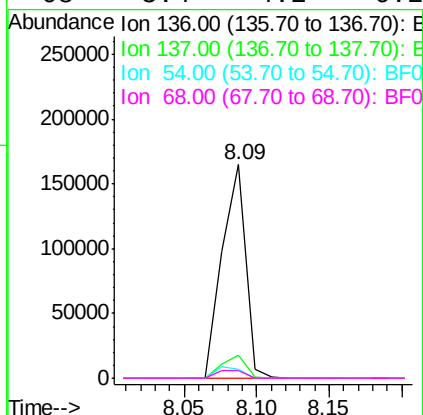
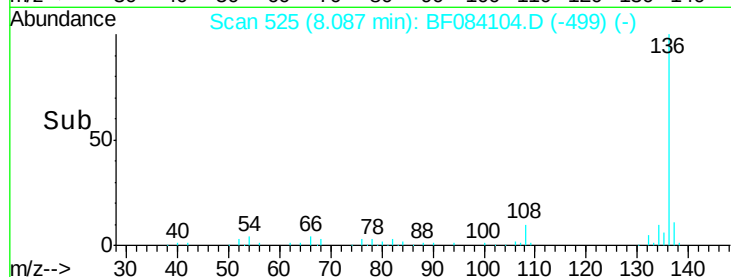
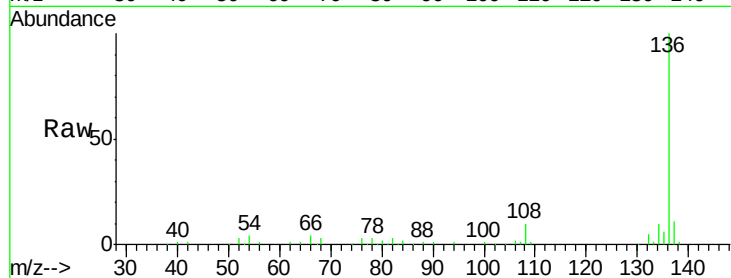




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084104.D
Acq: 25 Dec 2015 3:08

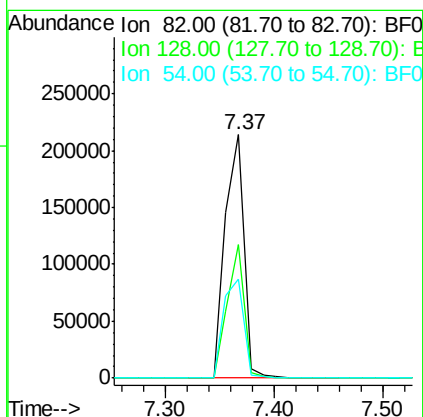
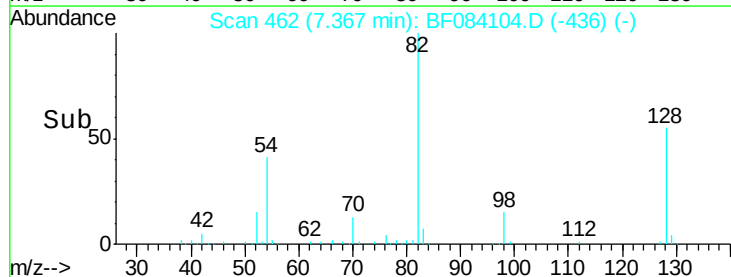
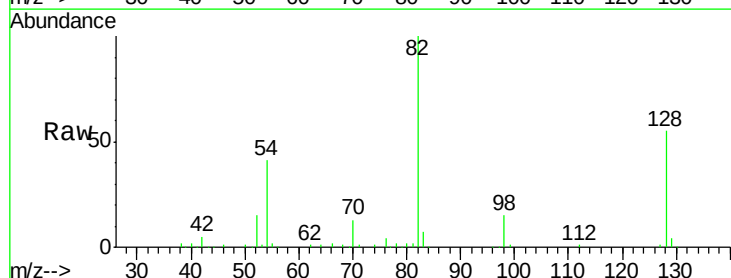
Instrument :
BNA_F
ClientSampleId :
PZ-4-122215

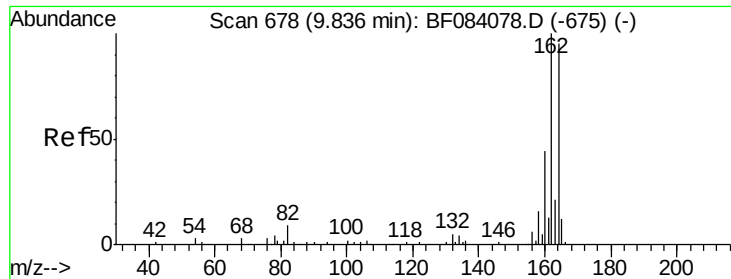
Tgt Ion:	136	Resp:	186010
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	4.3	5.8	8.8#
68	3.4	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 80.57 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF084104.D
Acq: 25 Dec 2015 3:08

Tgt Ion:	82	Resp:	256024
Ion	Ratio	Lower	Upper
82	100		
128	55.0	34.6	51.8#
54	40.6	38.4	57.6

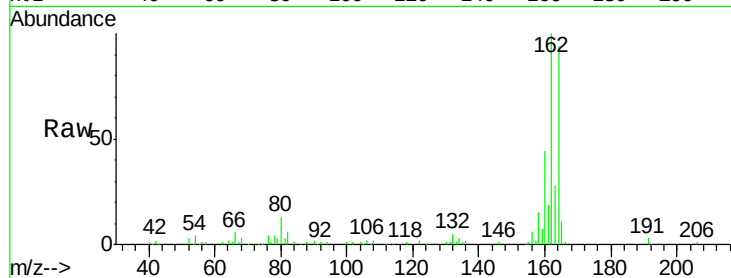




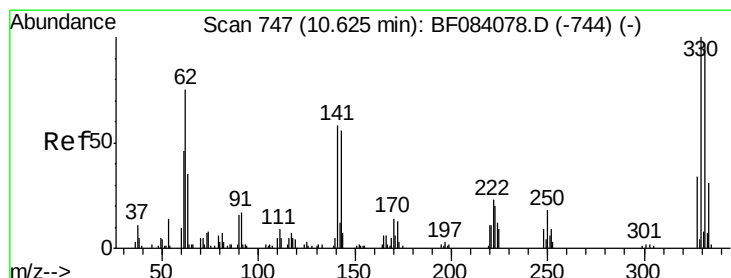
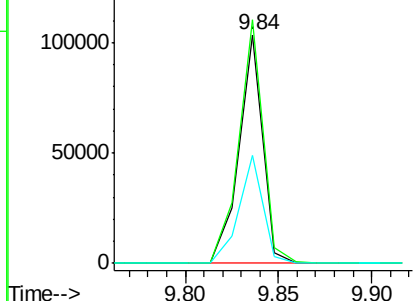
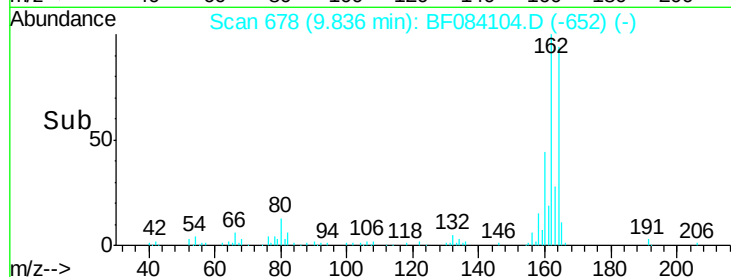
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084104.D
Acq: 25 Dec 2015 3:08

Instrument :
BNA_F
ClientSampleId :
PZ-4-122215

Tgt Ion:164 Resp: 91620
Ion Ratio Lower Upper
164 100
162 106.5 85.1 127.7
160 47.1 37.5 56.3

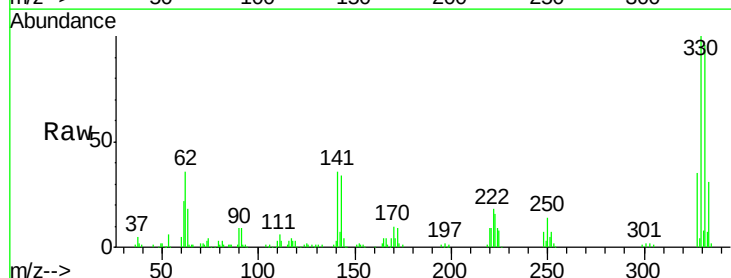


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

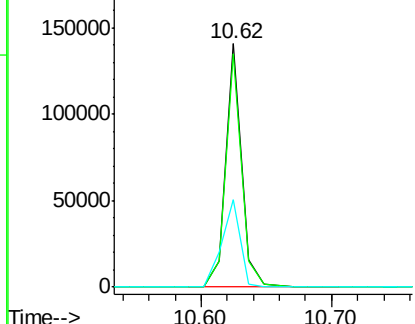
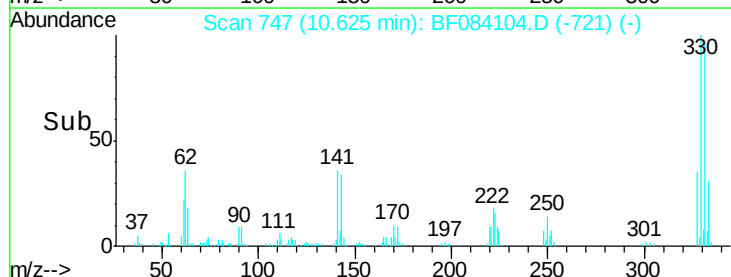


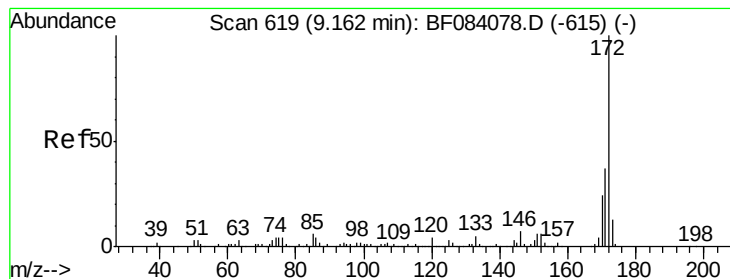
#41
2,4,6-Tribromophenol
Concen: 123.52 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF084104.D
Acq: 25 Dec 2015 3:08

Tgt Ion:330 Resp: 120684
Ion Ratio Lower Upper
330 100
332 96.0 76.6 114.8
141 41.6 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: 84.12 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF084104.D

Acq: 25 Dec 2015 3:08

Instrument :

BNA_F

ClientSampleId :

PZ-4-122215

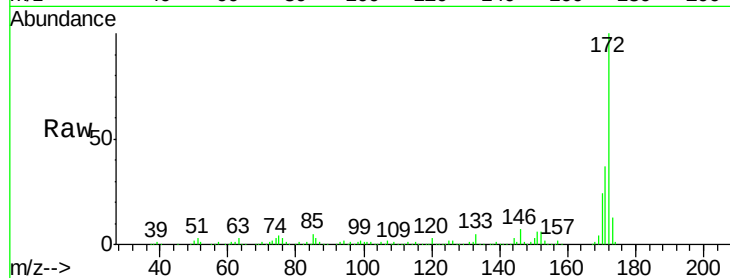
Tgt Ion:172 Resp: 563241

Ion Ratio Lower Upper

172 100

171 36.7 28.9 43.3

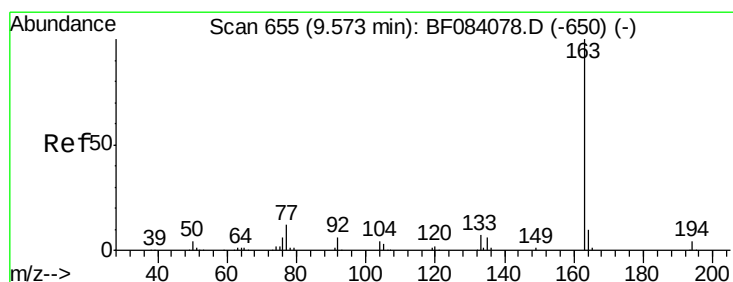
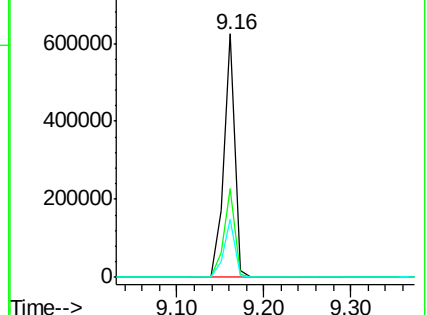
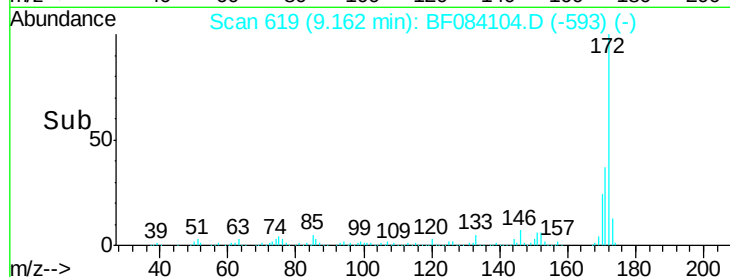
170 23.8 18.6 27.8



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: 2.08 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF084104.D

Acq: 25 Dec 2015 3:08

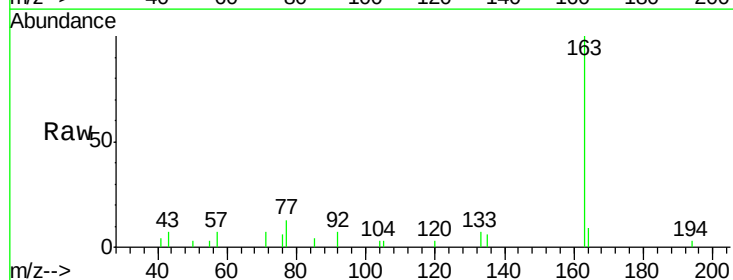
Tgt Ion:163 Resp: 15815

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

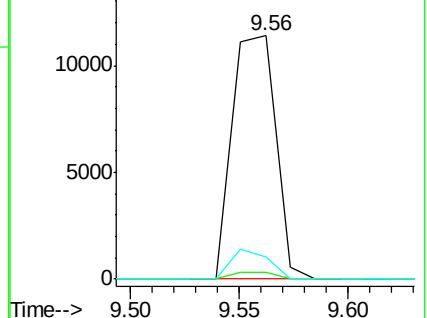
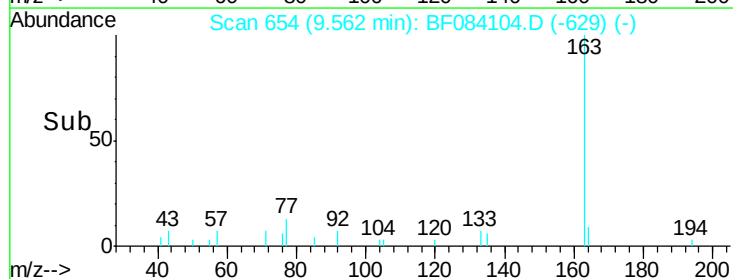
164 9.1 8.0 12.0

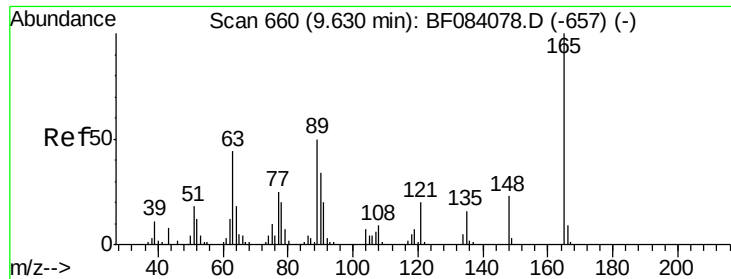


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

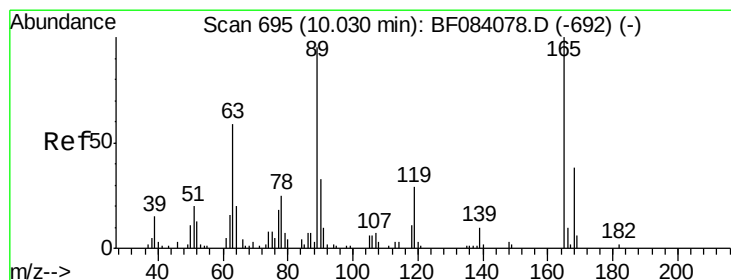
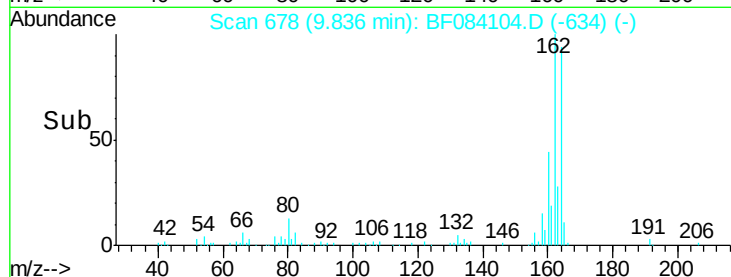
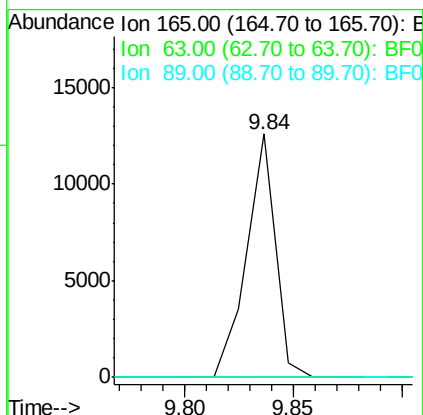
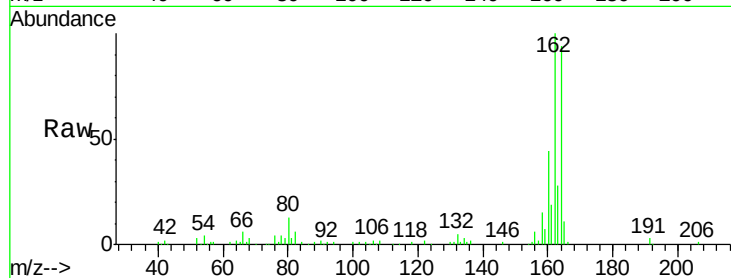




#50
2,6-Dinitrotoluene
Concen: 7.18 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.21 min
Lab File: BF084104.D
Acq: 25 Dec 2015 3:08

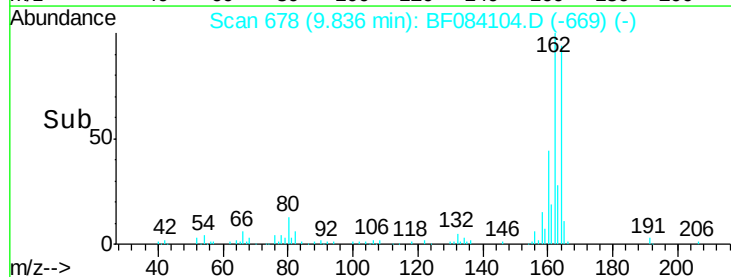
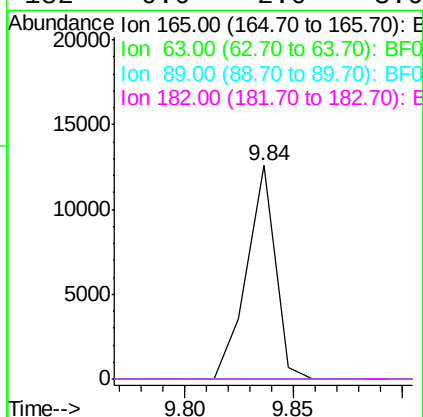
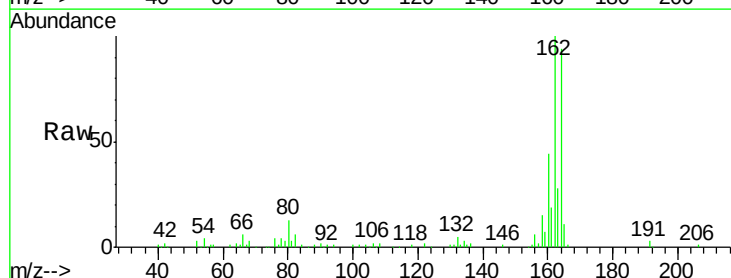
Instrument :
BNA_F
ClientSampleId :
PZ-4-122215

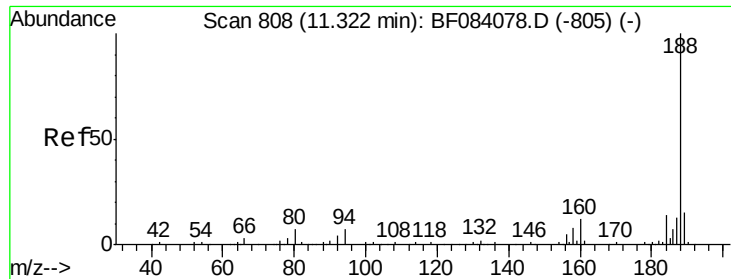
Tgt Ion:165 Resp: 11571
Ion Ratio Lower Upper
165 100
63 0.0 28.8 43.2#
89 0.0 35.1 52.7#



#56
2,4-Dinitrotoluene
Concen: 5.44 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.19 min
Lab File: BF084104.D
Acq: 25 Dec 2015 3:08

Tgt Ion:165 Resp: 11571
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#

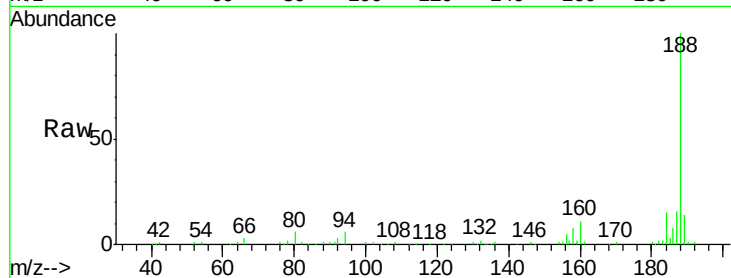




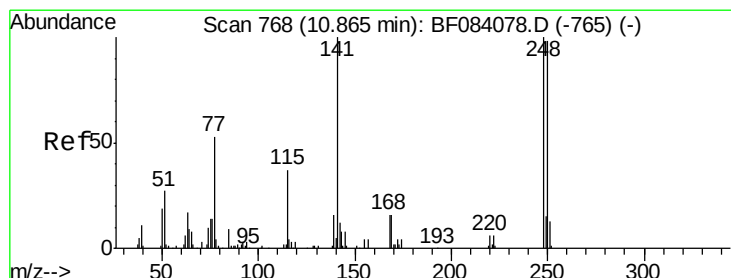
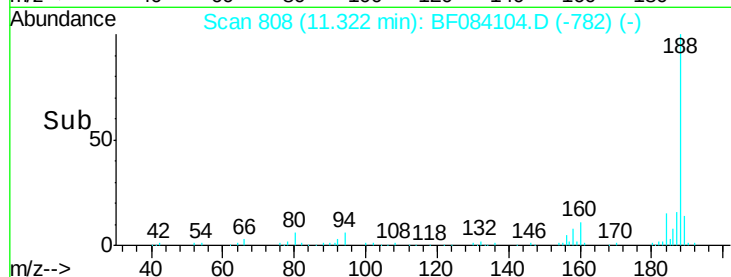
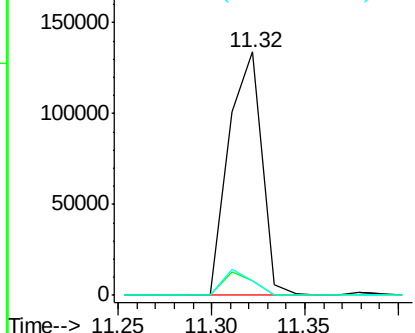
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084104.D
 Acq: 25 Dec 2015 3:08

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4-122215

Tgt Ion:188 Resp: 166013
 Ion Ratio Lower Upper
 188 100
 94 5.9 9.0 13.4#
 80 6.1 9.6 14.4#

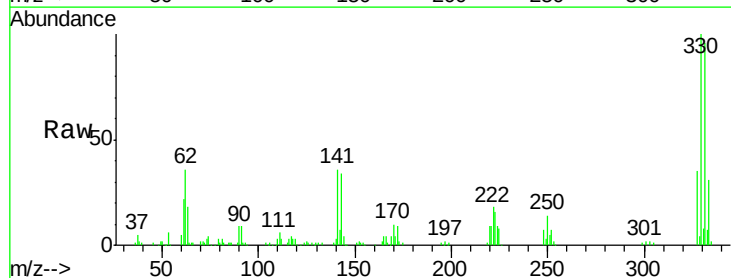


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

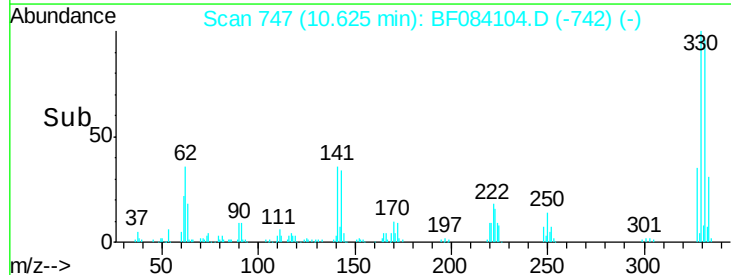
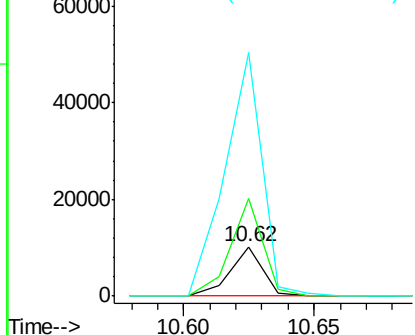


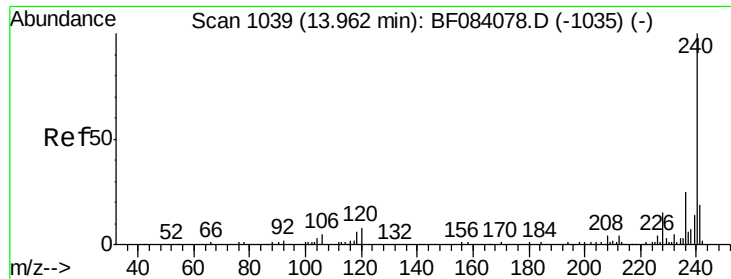
#66
 4-Bromophenyl-phenylether
 Concen: 4.62 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084104.D
 Acq: 25 Dec 2015 3:08

Tgt Ion:248 Resp: 8878
 Ion Ratio Lower Upper
 248 100
 250 198.4 78.4 117.6#
 141 495.9 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

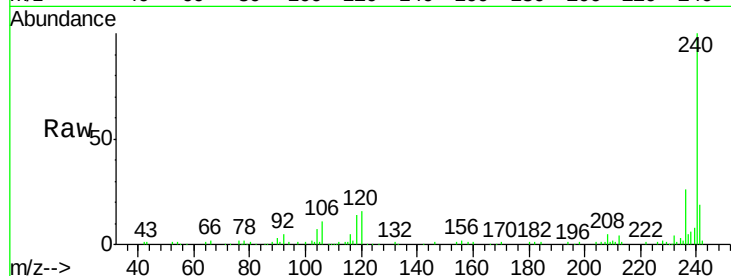




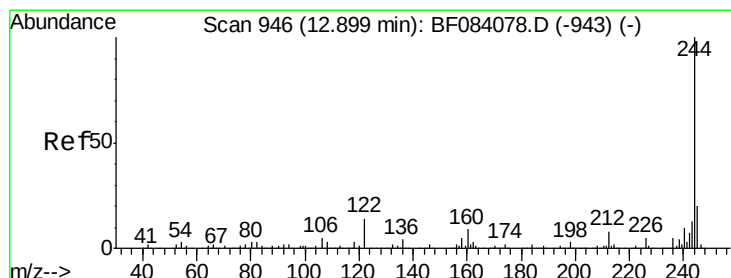
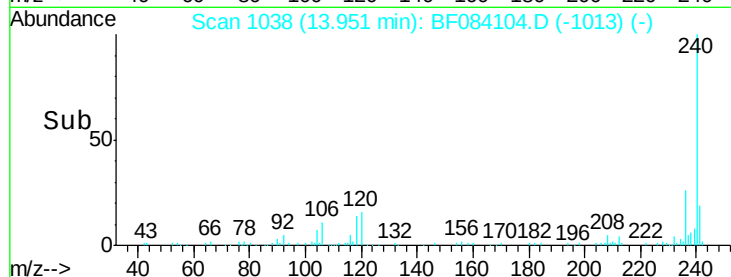
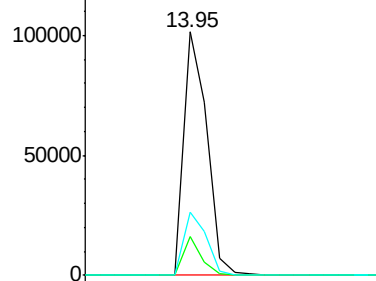
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084104.D
 Acq: 25 Dec 2015 3:08

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4-122215

Tgt Ion:240 Resp: 125969
 Ion Ratio Lower Upper
 240 100
 120 15.8 9.5 14.3#
 236 25.7 20.6 31.0

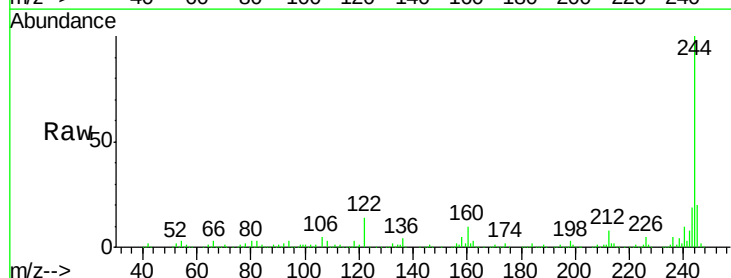


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

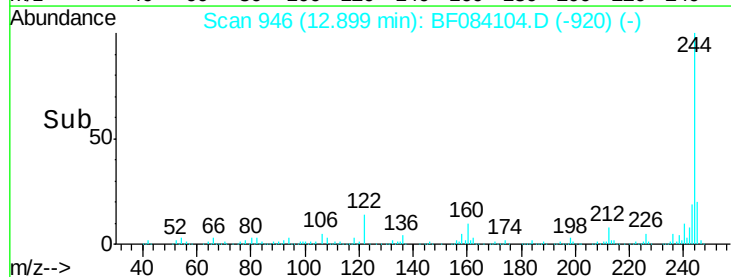
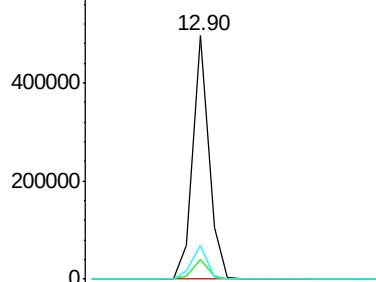


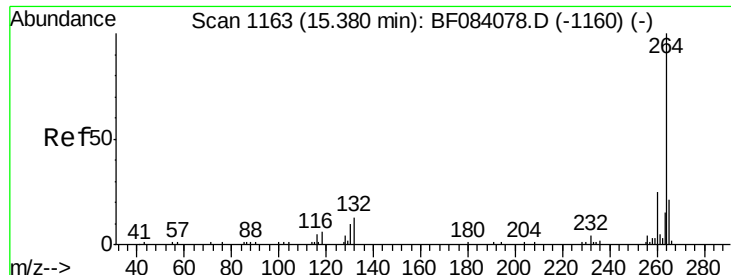
#78
 Terphenyl-d14
 Concen: 66.65 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084104.D
 Acq: 25 Dec 2015 3:08

Tgt Ion:244 Resp: 464022
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 13.8 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

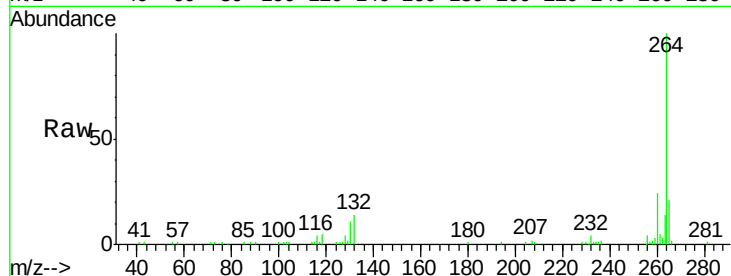




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084104.D
Acq: 25 Dec 2015 3:08

Instrument :
BNA_F
ClientSampleId :
PZ-4-122215

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.0	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

