

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083391.D
 Acq On : 2 Dec 2015 00:30
 Operator : UM/IZ
 Sample : G4527-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4(2-4)

Quant Time: Dec 02 03:19:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

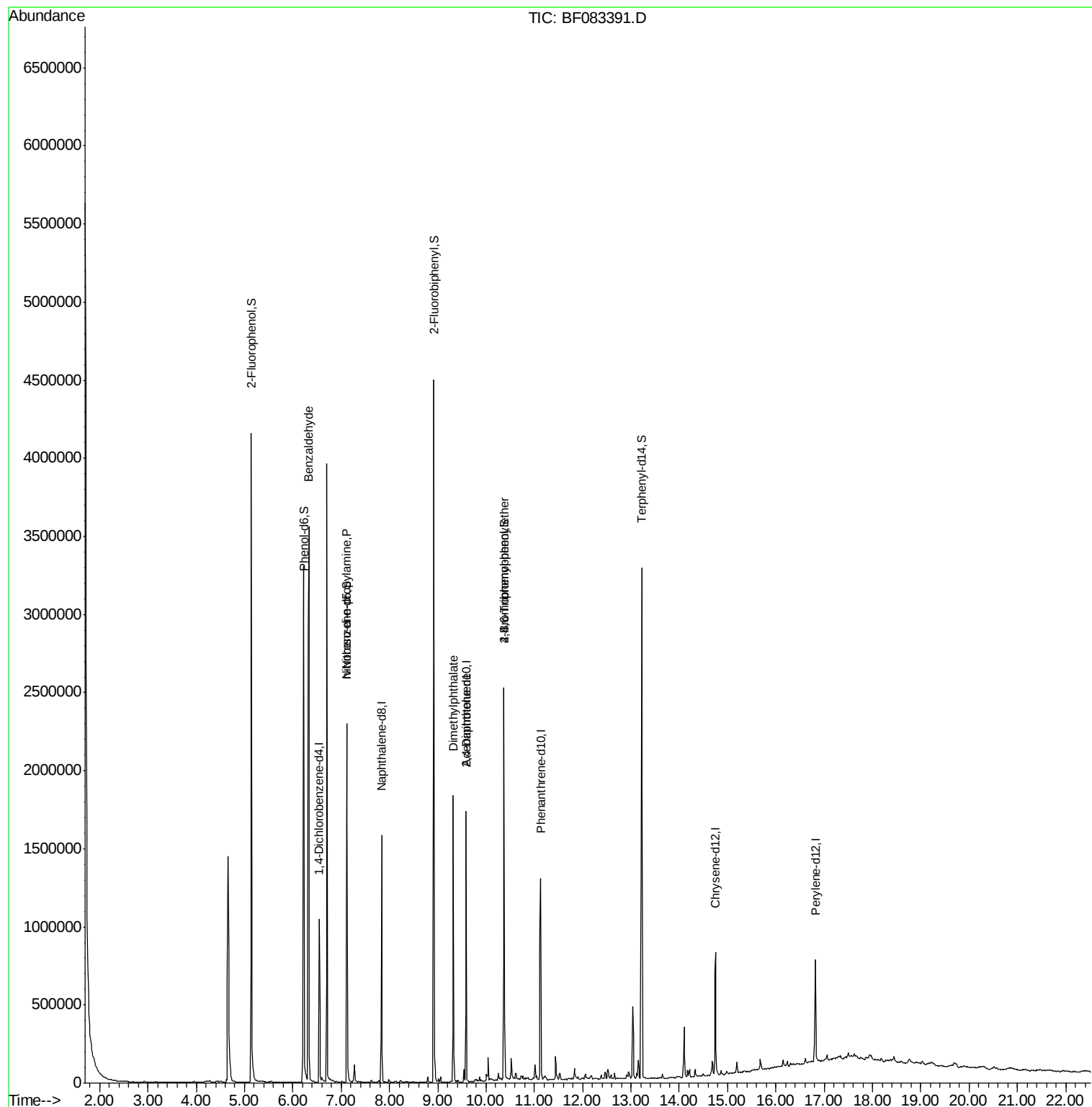
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	166564	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	675934	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	345335	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	629365	20.00	ng	0.00
75) Chrysene-d12	14.75	240	438186	20.00	ng	-0.01
86) Perylene-d12	16.82	264	393112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1191568	107.35	ng	0.01
7) Phenol-d6	6.22	99	1681650	110.68	ng	0.00
23) Nitrobenzene-d5	7.12	82	1054670	68.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	273189	78.81	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1745000	72.01	ng	0.00
78) Terphenyl-d14	13.22	244	1516640	82.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.33	77	30739	2.39	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.12	70	139463	12.84	ng	# 82
49) Dimethylphthalate	9.32	163	686535	24.46	ng	99
56) 2,4-Dinitrotoluene	9.58	165	44567	5.86	ng	# 6
66) 4-Bromophenyl-phenylether	10.37	248	17135	2.49	ng	# 1

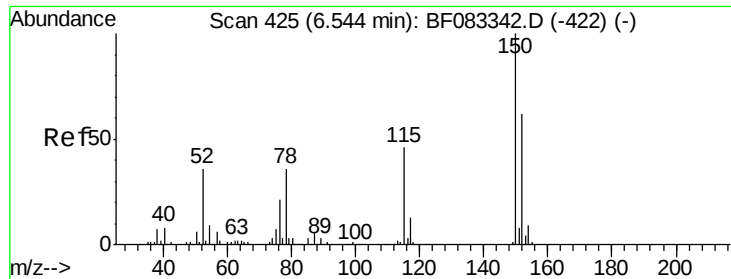
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP4(2-4)

Quant Time: Dec 02 03:19:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083391.D

Acq: 2 Dec 2015 00:30

Instrument :

BNA_F

ClientSampleId :

TP4(2-4)

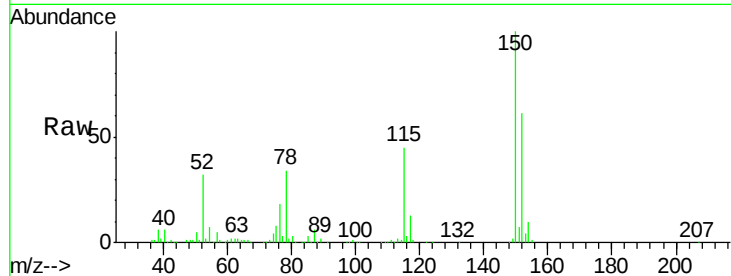
Tgt Ion:152 Resp: 166564

Ion Ratio Lower Upper

152 100

150 163.2 129.8 194.8

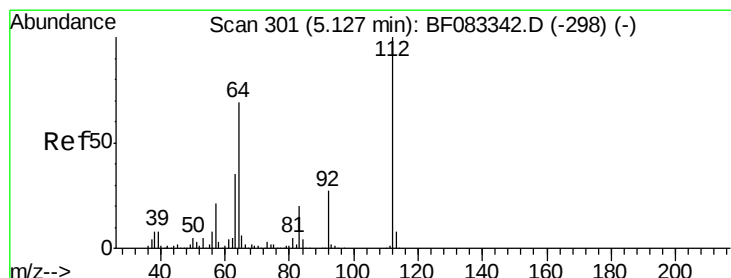
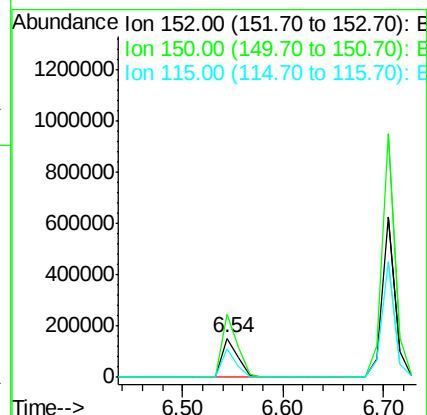
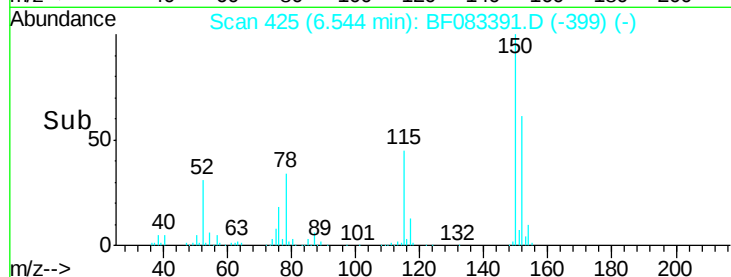
115 73.6 59.2 88.8



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: 107.35 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083391.D

Acq: 2 Dec 2015 00:30

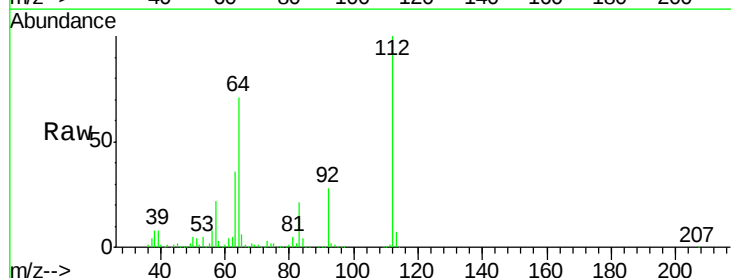
Tgt Ion:112 Resp: 1191568

Ion Ratio Lower Upper

112 100

64 71.2 55.6 83.4

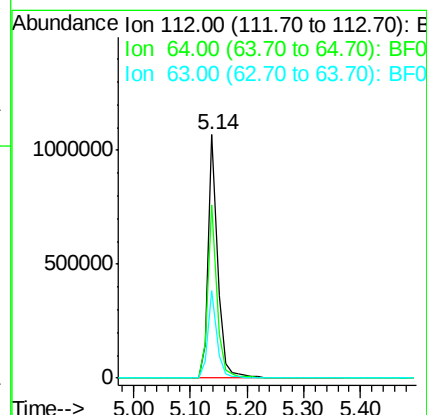
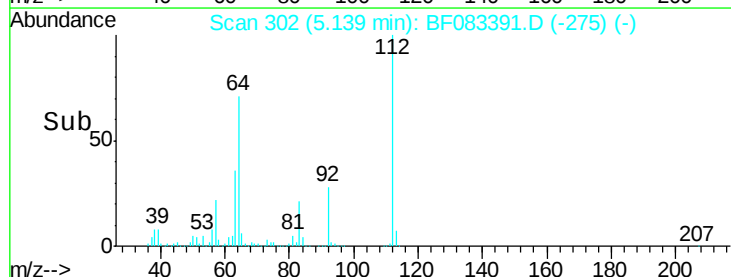
63 35.8 28.2 42.2

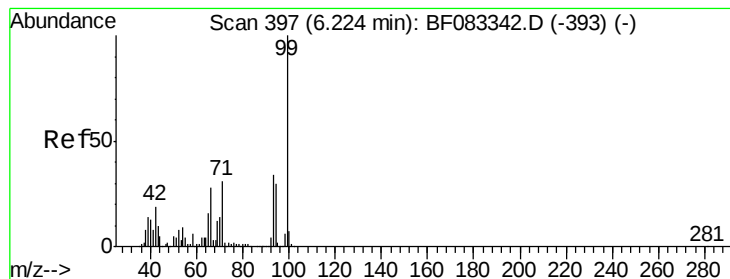


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.68 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083391.D

Acq: 2 Dec 2015 00:30

Instrument :

BNA_F

ClientSampleId :

TP4(2-4)

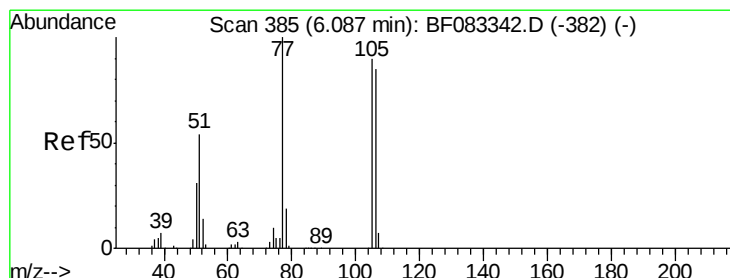
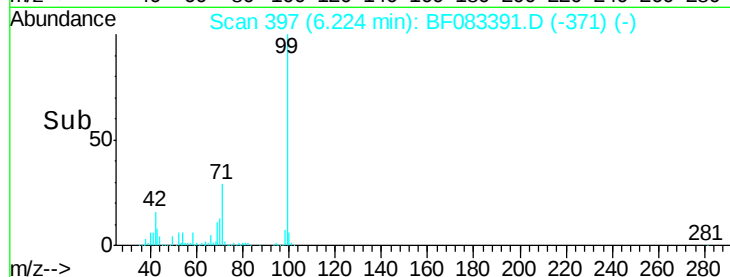
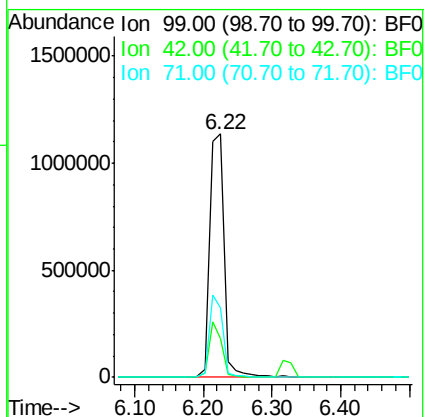
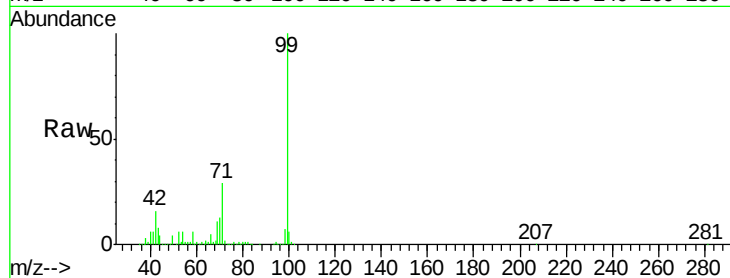
Tgt Ion: 99 Resp: 1681650

Ion Ratio Lower Upper

99 100

42 15.8 14.9 22.3

71 28.7 24.7 37.1



#9

Benzaldehyde

Concen: 2.39 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.24 min

Lab File: BF083391.D

Acq: 2 Dec 2015 00:30

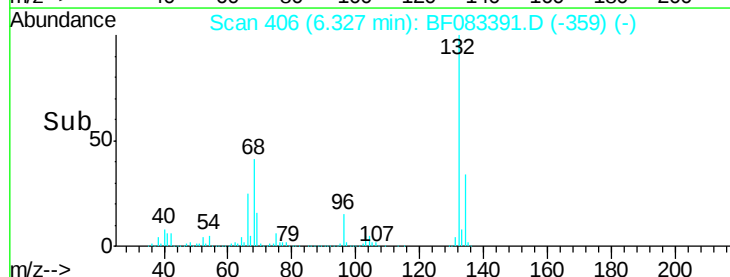
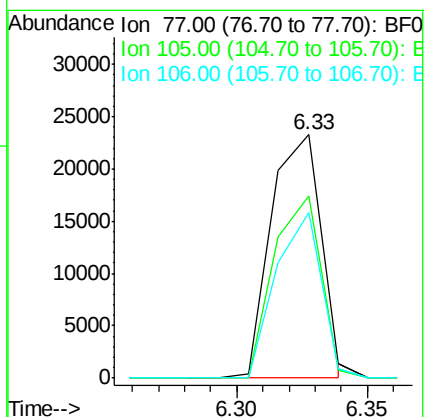
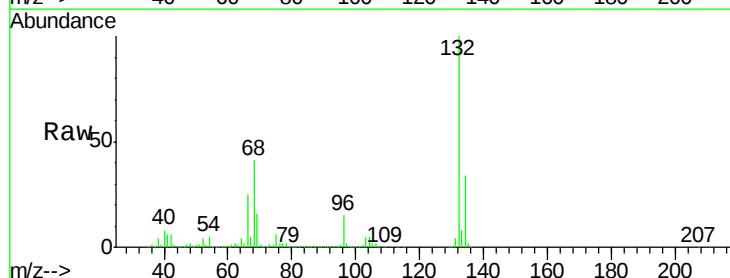
Tgt Ion: 77 Resp: 30739

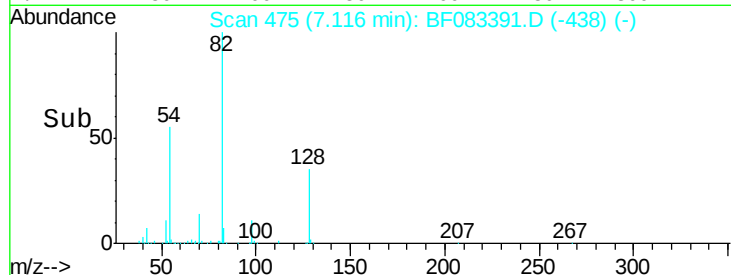
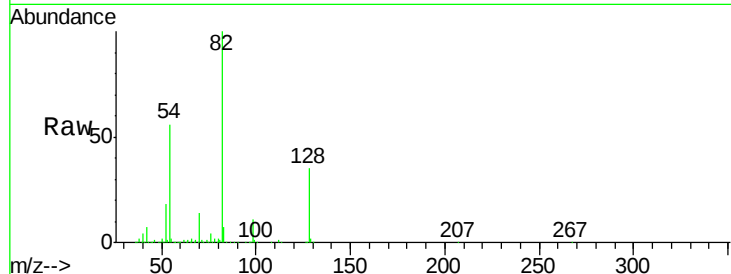
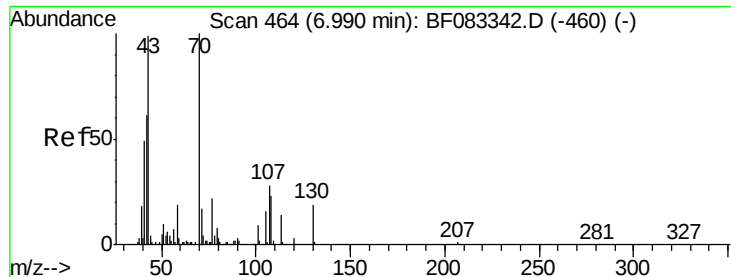
Ion Ratio Lower Upper

77 100

105 74.8 70.0 110.0

106 67.8 65.0 105.0

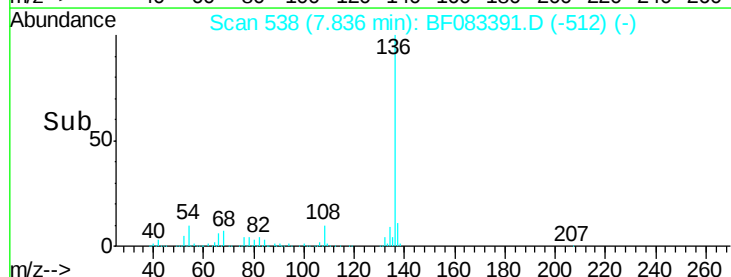
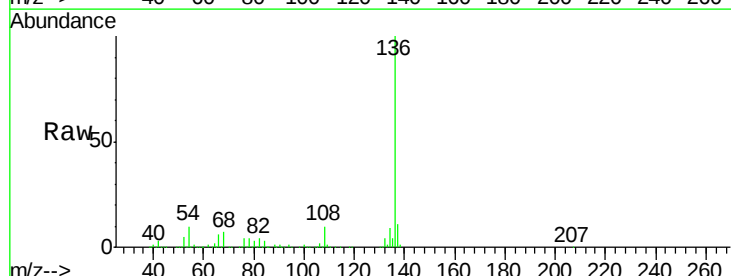
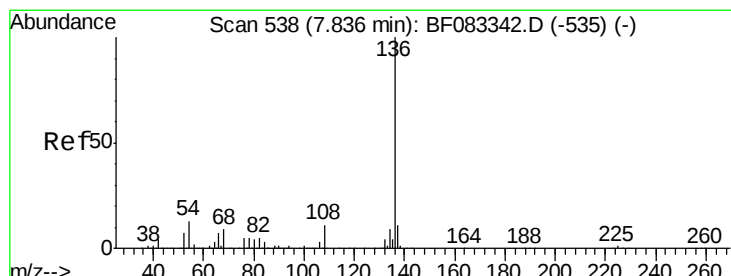
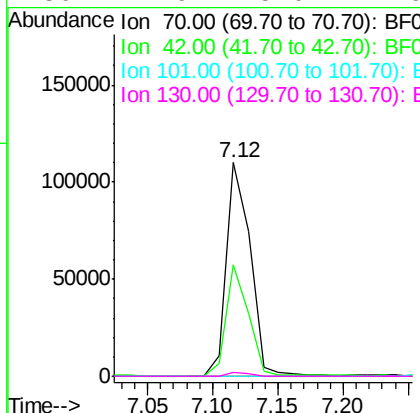




#19
n-Nitroso-di-n-propylamine
Concen: 12.84 ng
RT: 7.12 min Scan# 475
Delta R.T. 0.13 min
Lab File: BF083391.D
Acq: 2 Dec 2015 00:30

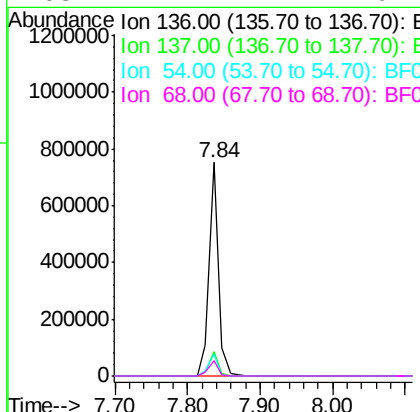
Instrument :
BNA_F
ClientSampleId :
TP4(2-4)

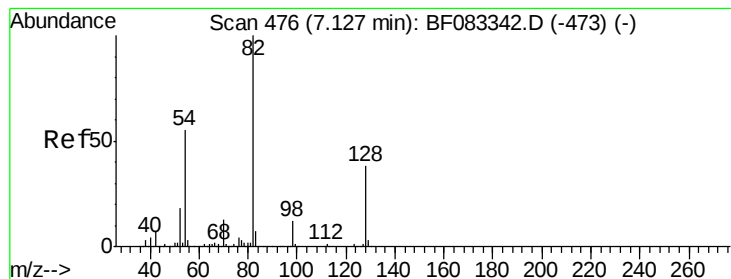
Tgt Ion: 70 Resp: 139463
Ion Ratio Lower Upper
70 100
42 52.1 48.8 73.2
101 0.0 7.1 10.7#
130 1.9 15.0 22.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083391.D
Acq: 2 Dec 2015 00:30

Tgt Ion:136 Resp: 675934
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 9.9 10.1 15.1#
68 7.2 7.1 10.7





#23

Nitrobenzene-d5

Concen: 68.59 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083391.D

Acq: 2 Dec 2015 00:30

Instrument :

BNA_F

ClientSampleId :

TP4(2-4)

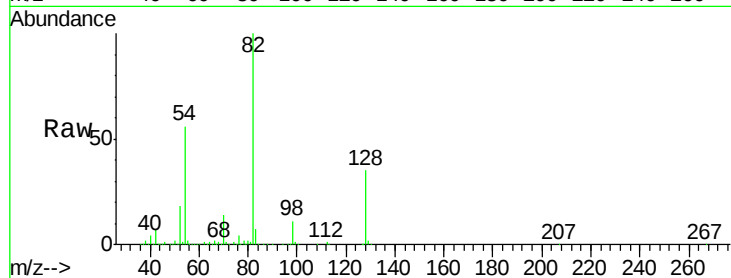
Tgt Ion: 82 Resp: 1054670

Ion Ratio Lower Upper

82 100

128 34.6 30.6 46.0

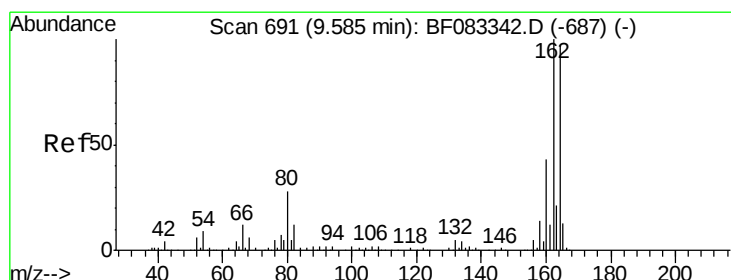
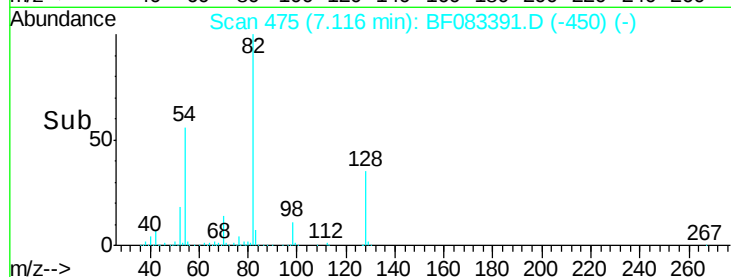
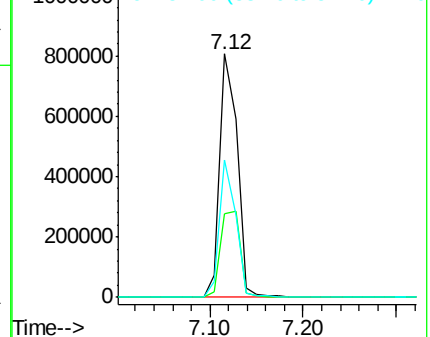
54 56.4 43.8 65.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083391.D

Acq: 2 Dec 2015 00:30

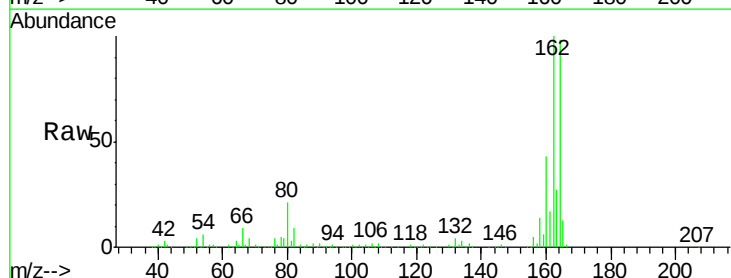
Tgt Ion: 164 Resp: 345335

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

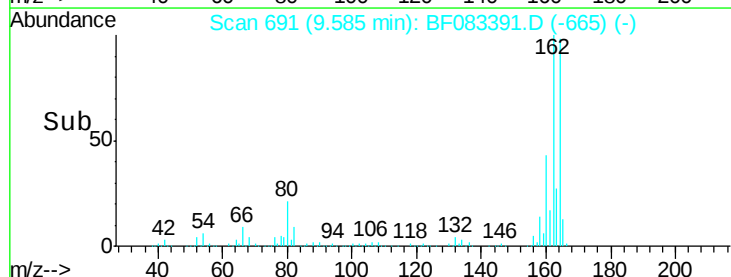
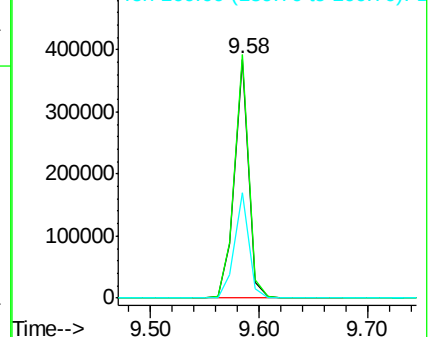
160 44.0 35.3 52.9

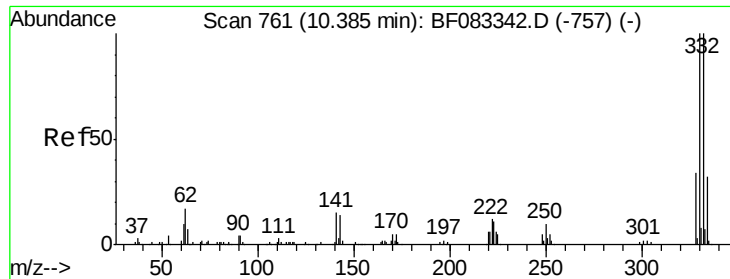


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

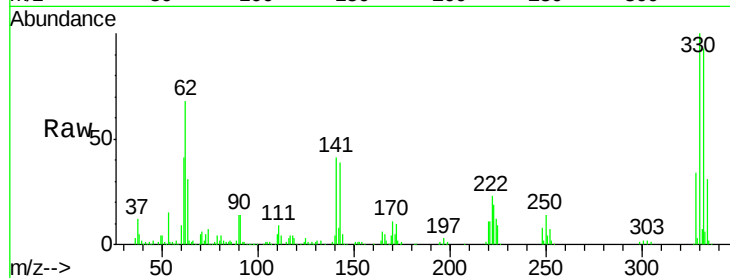




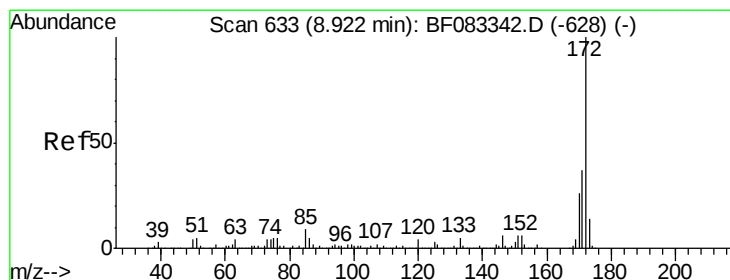
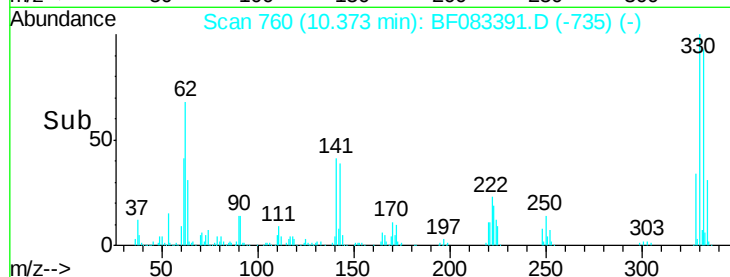
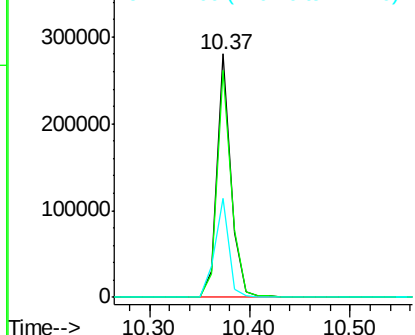
#41
 2,4,6-Tribromophenol
 Concen: 78.81 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083391.D
 Acq: 2 Dec 2015 00:30

Instrument :
 BNA_F
 ClientSampleId :
 TP4(2-4)

Tgt Ion:330 Resp: 273189
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.8 116.6
 141 41.3 29.4 44.0

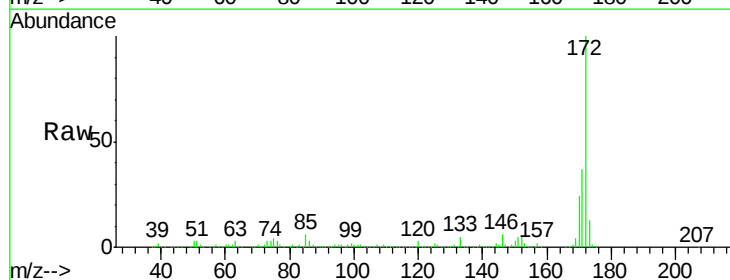


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

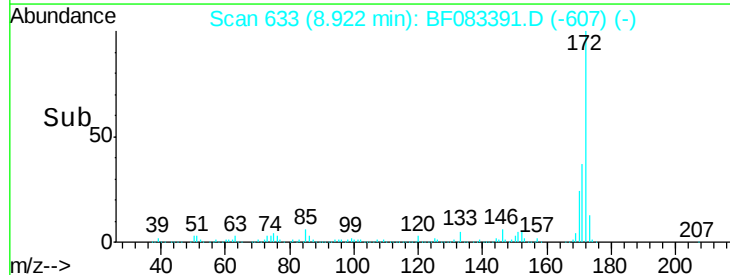
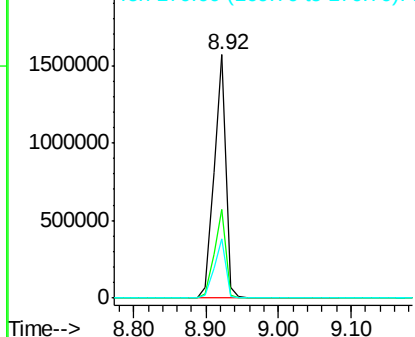


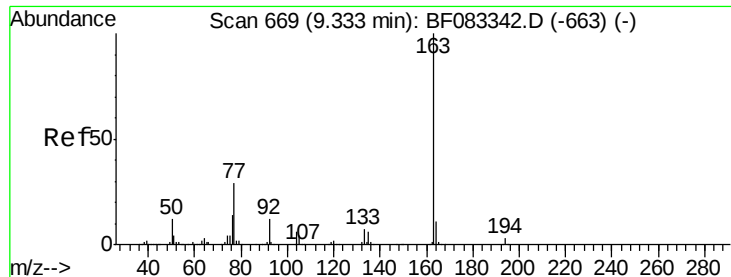
#44
 2-Fluorobiphenyl
 Concen: 72.01 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083391.D
 Acq: 2 Dec 2015 00:30

Tgt Ion:172 Resp: 1745000
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.5 20.4 30.6



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

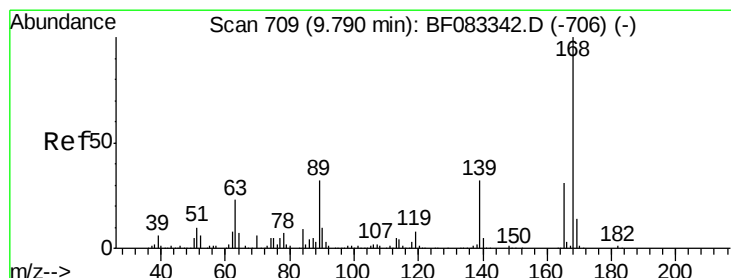
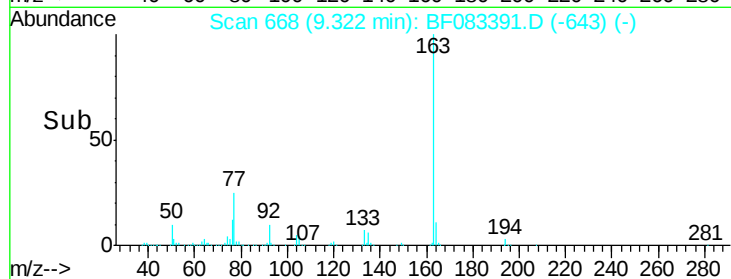
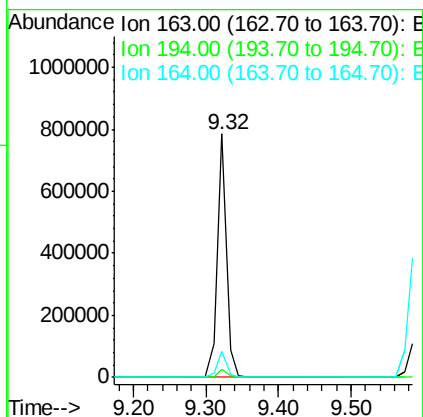
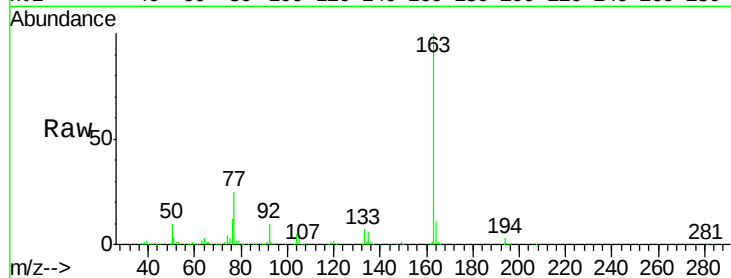




#49
Dimethylphthalate
Concen: 24.46 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF083391.D
Acq: 2 Dec 2015 00:30

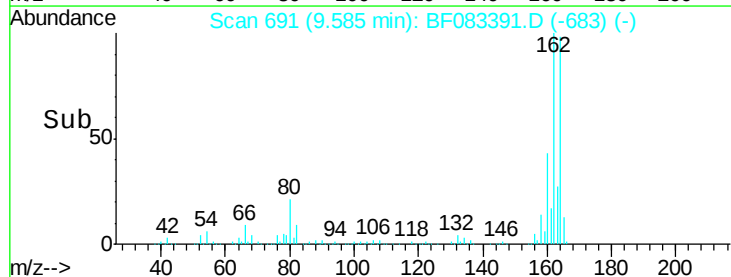
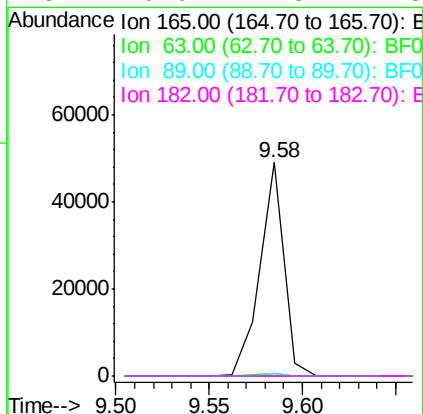
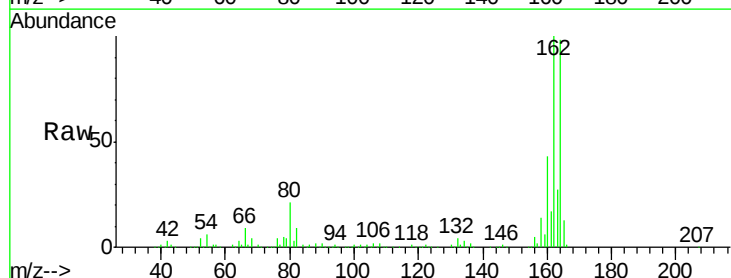
Instrument :
BNA_F
ClientSampled :
TP4(2-4)

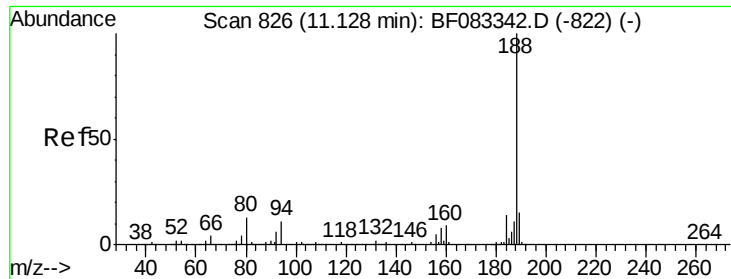
Tgt Ion:163 Resp: 686535
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.6 8.8 13.2



#56
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.21 min
Lab File: BF083391.D
Acq: 2 Dec 2015 00:30

Tgt Ion:165 Resp: 44567
Ion Ratio Lower Upper
165 100
63 1.2 65.4 98.0#
89 1.5 81.2 121.8#
182 0.0 1.8 2.8#

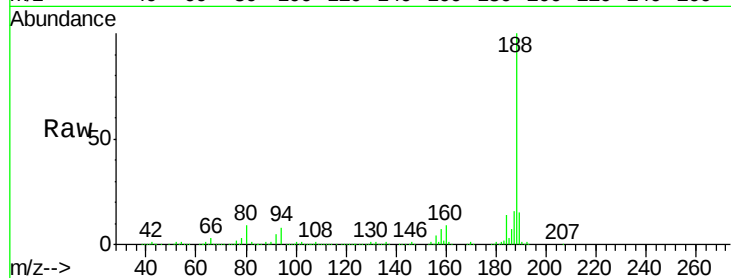




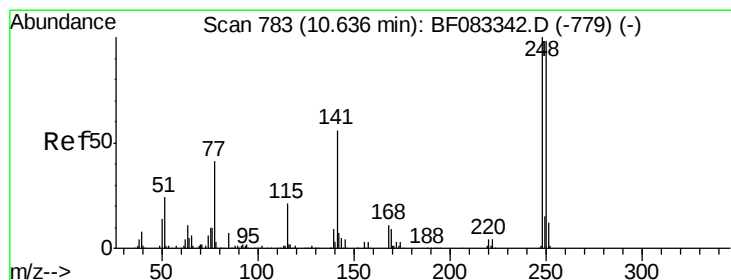
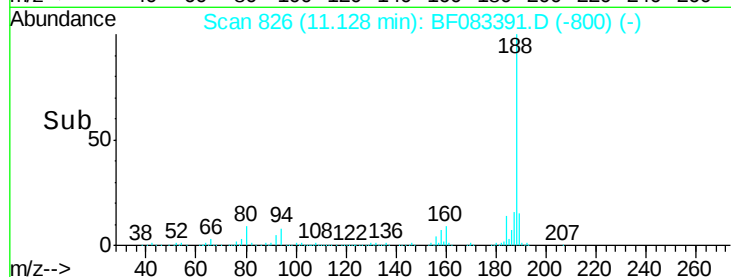
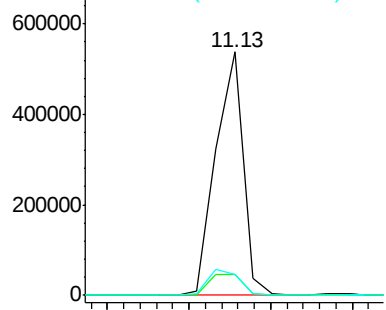
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083391.D
Acq: 2 Dec 2015 00:30

Instrument :
BNA_F
ClientSampleId :
TP4(2-4)

Tgt Ion:188 Resp: 629365
Ion Ratio Lower Upper
188 100
94 8.5 8.7 13.1#
80 8.7 10.3 15.5#

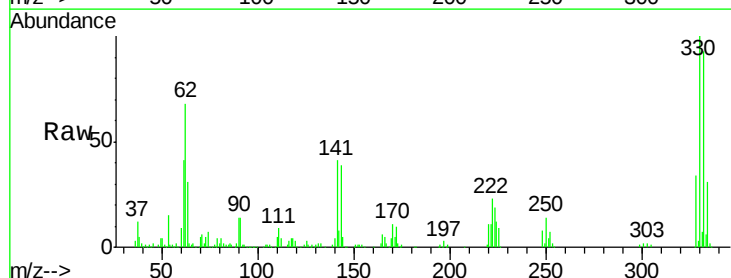


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

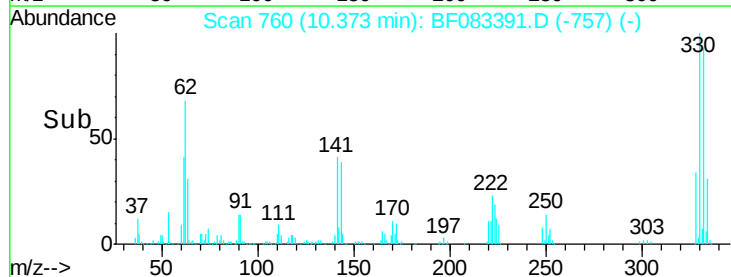
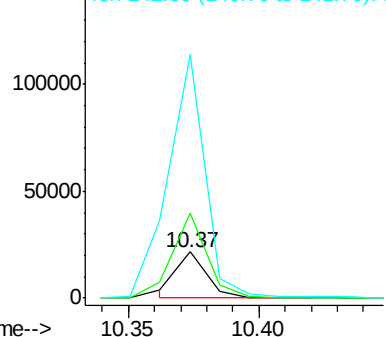


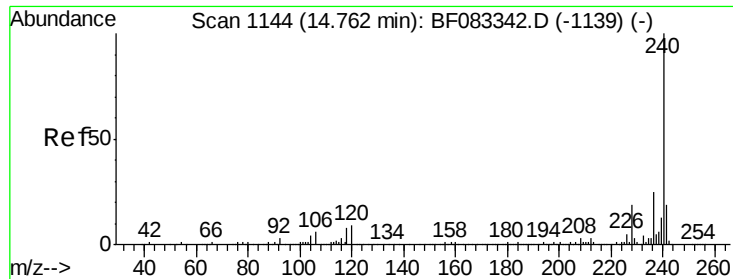
#66
4-Bromophenyl-phenylether
Concen: 2.49 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF083391.D
Acq: 2 Dec 2015 00:30

Tgt Ion:248 Resp: 17135
Ion Ratio Lower Upper
248 100
250 184.8 78.6 118.0#
141 528.7 44.4 66.6#



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

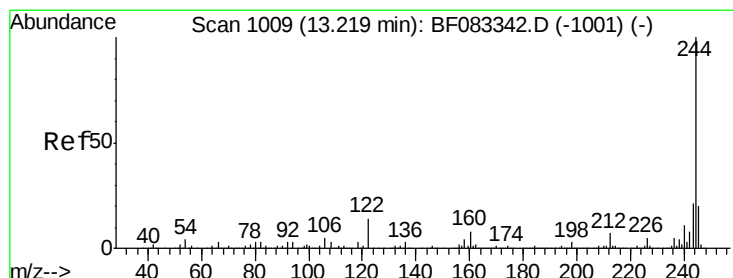
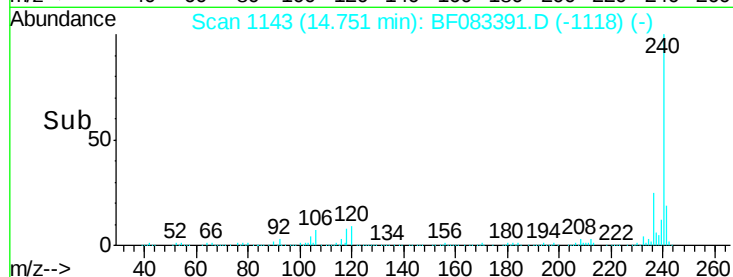
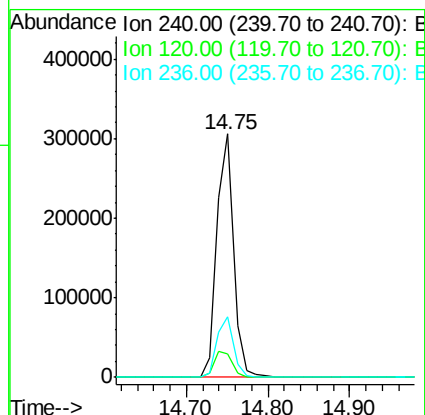
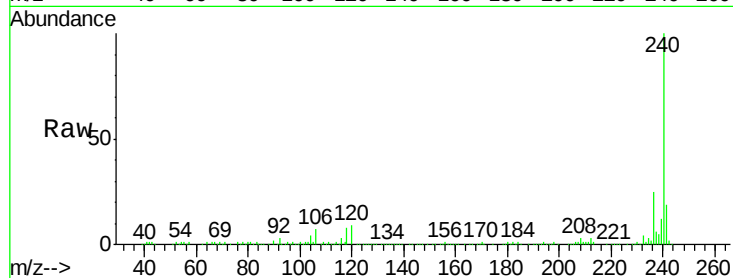




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083391.D
Acq: 2 Dec 2015 00:30

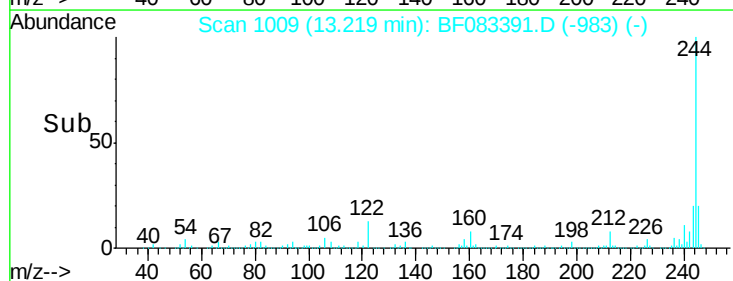
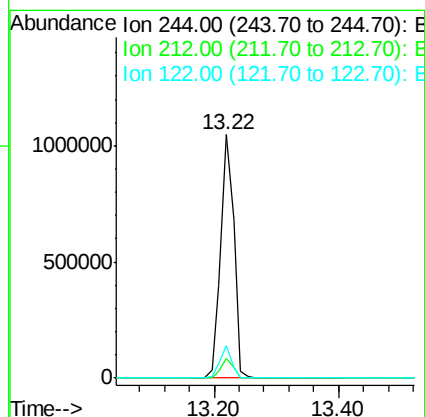
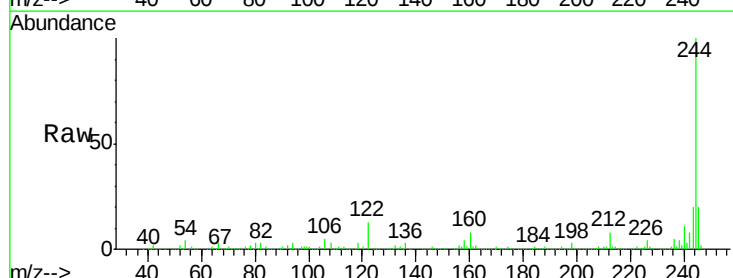
Instrument :
BNA_F
ClientSampleId :
TP4(2-4)

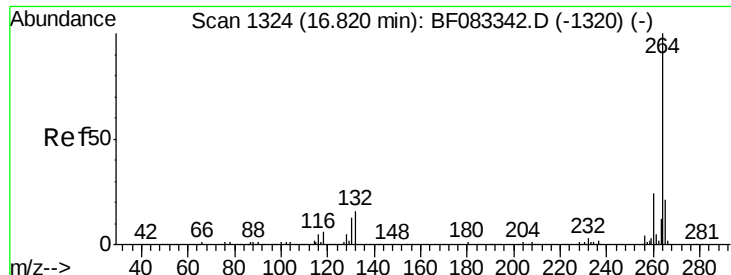
Tgt Ion:240 Resp: 438186
Ion Ratio Lower Upper
240 100
120 9.5 6.9 10.3
236 25.1 19.8 29.6



#78
Terphenyl-d14
Concen: 82.54 ng
RT: 13.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF083391.D
Acq: 2 Dec 2015 00:30

Tgt Ion:244 Resp: 1516640
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 13.4 11.0 16.4

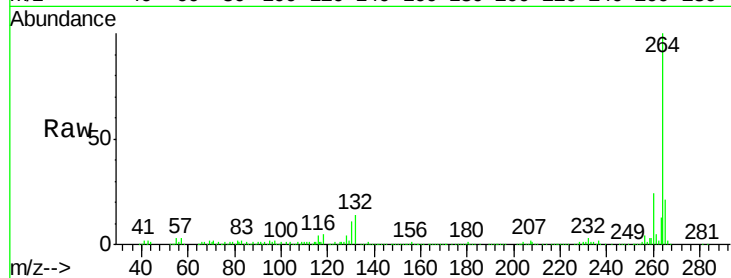




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.82 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF083391.D
Acq: 2 Dec 2015 00:30

Instrument :
BNA_F
ClientSampleId :
TP4(2-4)

Tgt Ion: 264 Resp: 393112
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 21.5 16.8 25.2



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

