

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083404.D
 Acq On : 2 Dec 2015 7:15
 Operator : UM/IZ
 Sample : G4586-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112515-A263-F-D-S

Quant Time: Dec 02 09:17:31 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

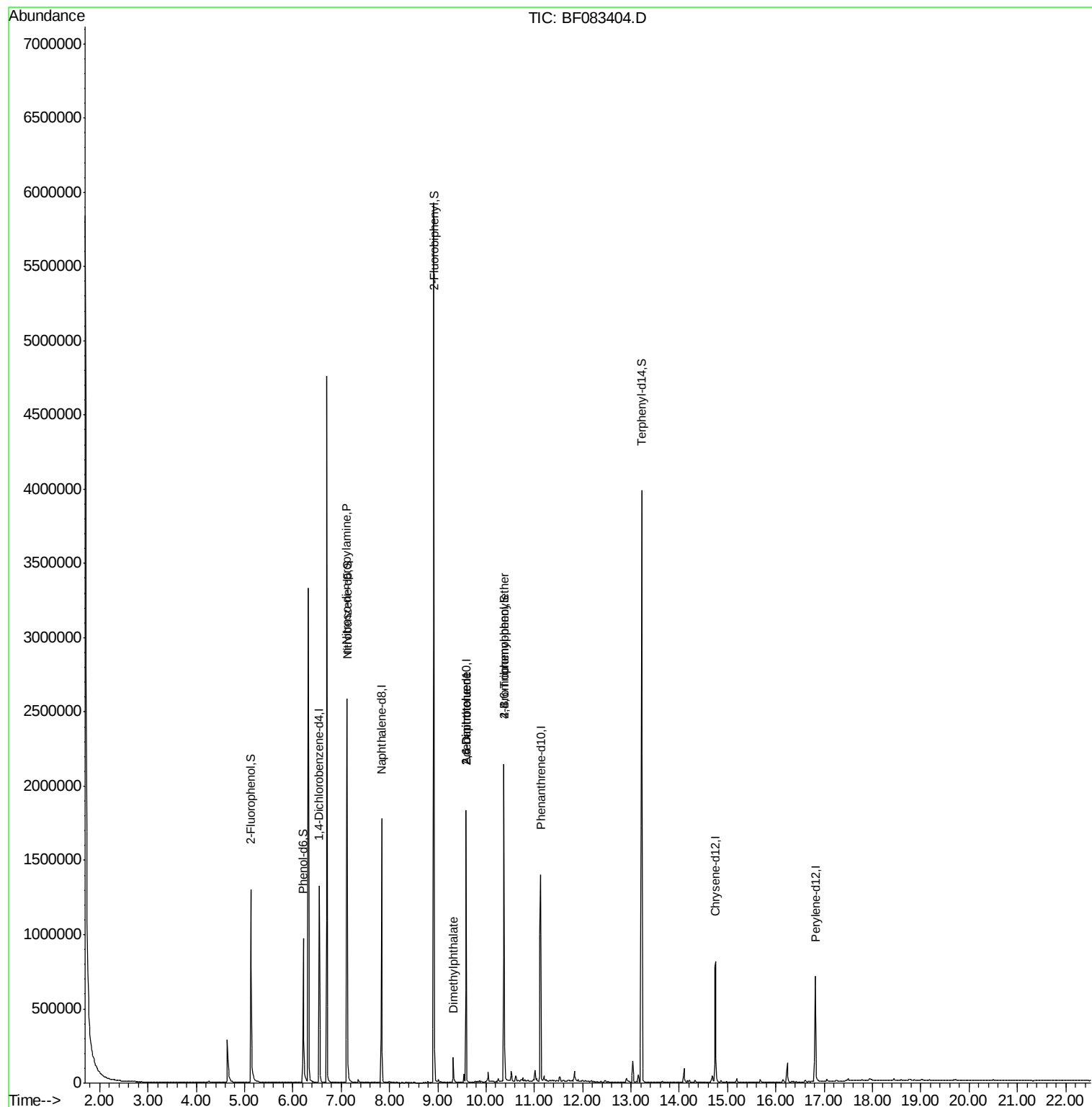
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	197347	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	760561	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	381359	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	693272	20.00	ng	0.00
75) Chrysene-d12	14.75	240	490576	20.00	ng	-0.01
86) Perylene-d12	16.82	264	440602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	498940	37.94	ng	0.00
7) Phenol-d6	6.21	99	404387	22.46	ng	-0.01
23) Nitrobenzene-d5	7.13	82	1371110	79.25	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	252199	65.88	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2161357	80.76	ng	0.00
78) Terphenyl-d14	13.22	244	1872314	91.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	181868	14.13	ng	# 81
49) Dimethylphthalate	9.32	163	67755	2.19	ng	96
50) 2,6-Dinitrotoluene	9.58	165	48037	7.26	ng	# 19
56) 2,4-Dinitrotoluene	9.58	165	48037	5.72	ng	# 6
66) 4-Bromophenyl-phenylether	10.37	248	15331	2.02	ng	# 1

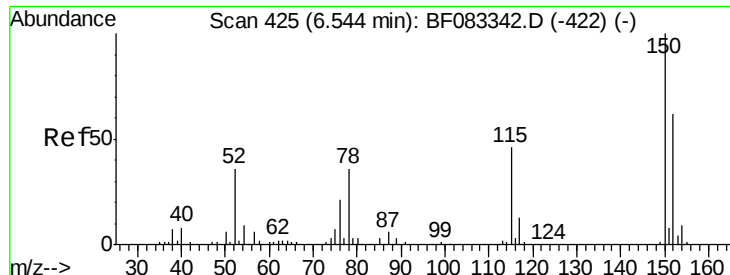
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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112515-A263-F-D-S

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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: BF083404.D

Acq: 2 Dec 2015 7:15

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-D-S

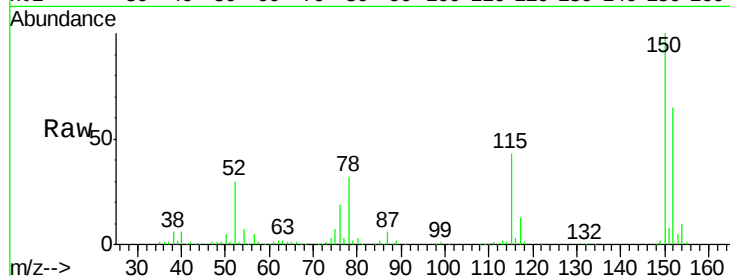
Tot Ion:152 Resp: 197347

Ion Ratio Lower Upper

152 100

150 154.5 129.8 194.8

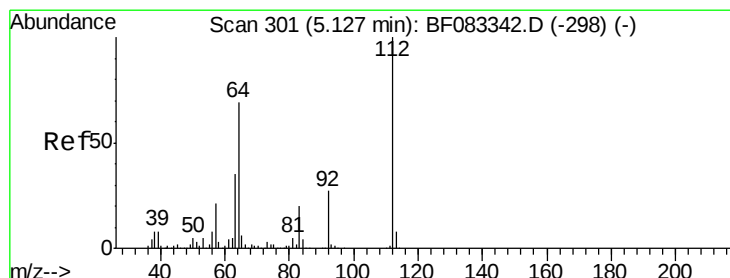
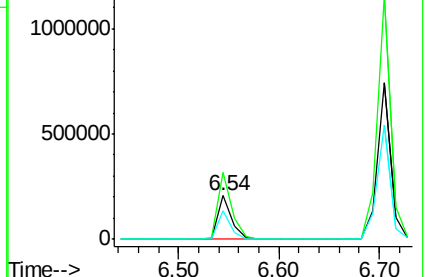
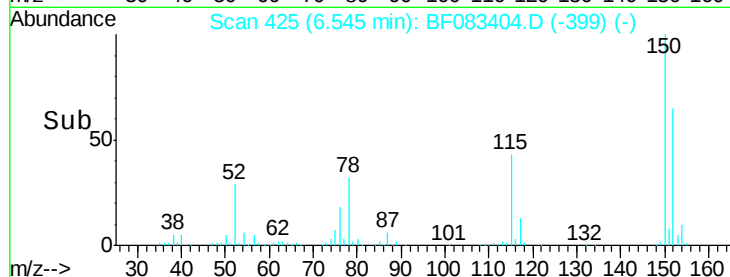
115 66.3 59.2 88.8



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: 37.94 ng

RT: 5.13 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083404.D

Acq: 2 Dec 2015 7:15

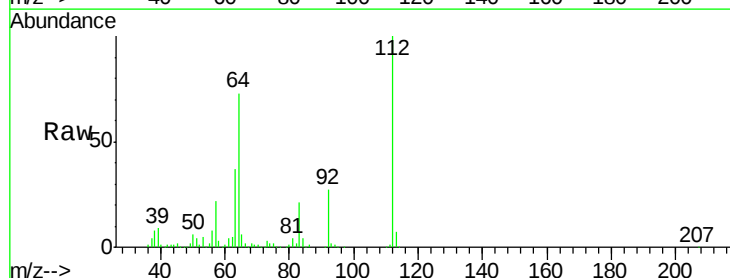
Tgt Ion:112 Resp: 498940

Ion Ratio Lower Upper

112 100

64 73.5 55.6 83.4

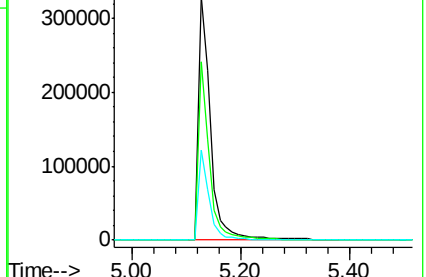
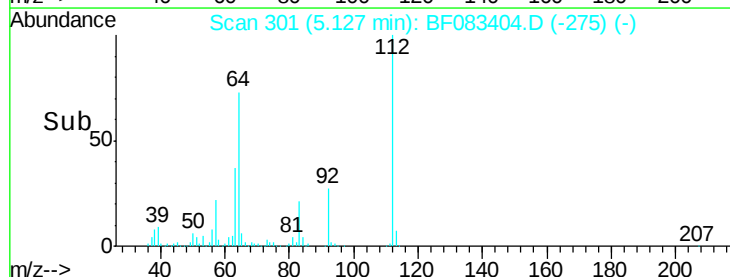
63 37.1 28.2 42.2

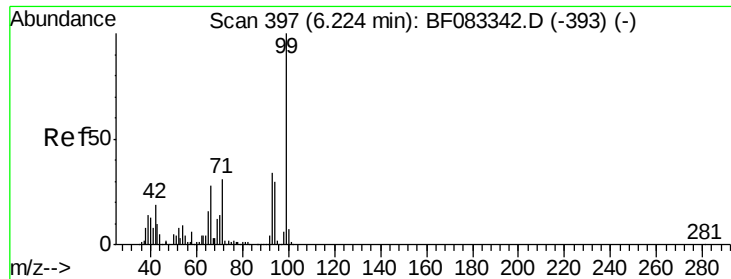


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.46 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083404.D

Acq: 2 Dec 2015 7:15

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-D-S

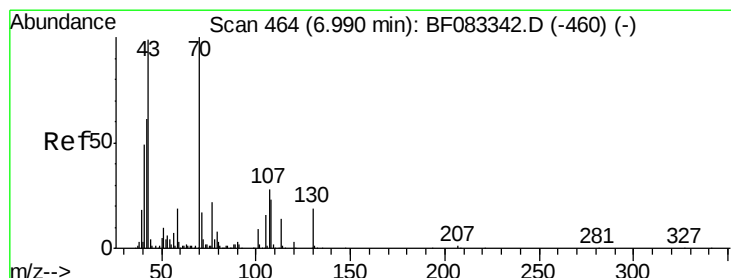
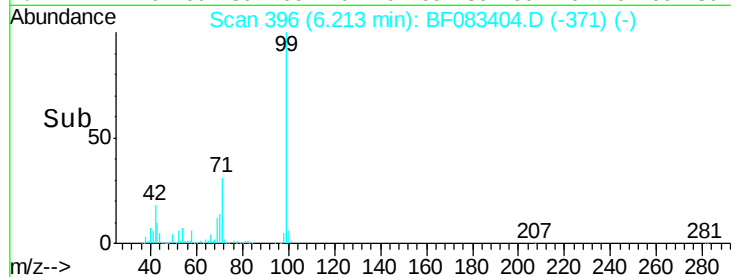
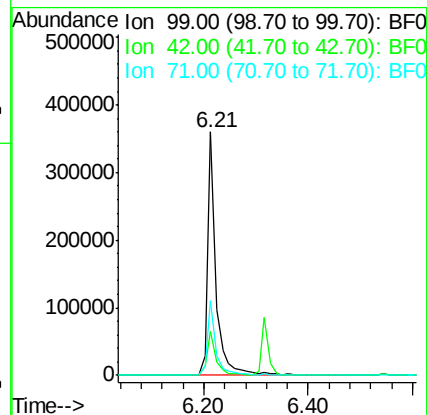
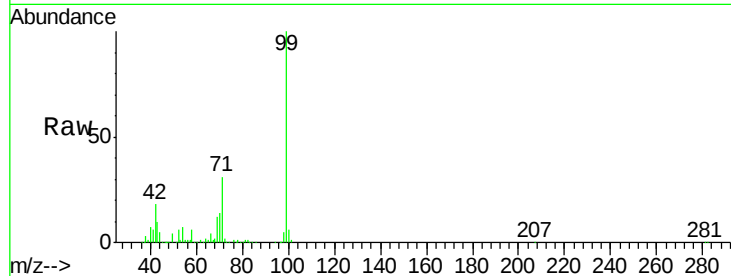
Tot Ion: 99 Resp: 404387

Ion Ratio Lower Upper

99 100

42 18.2 14.9 22.3

71 30.6 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.13 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083404.D

Acq: 2 Dec 2015 7:15

Tgt Ion: 70 Resp: 181868

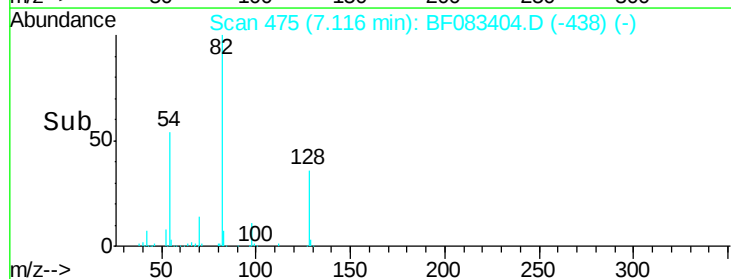
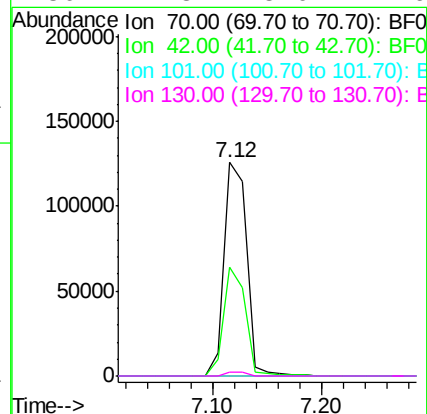
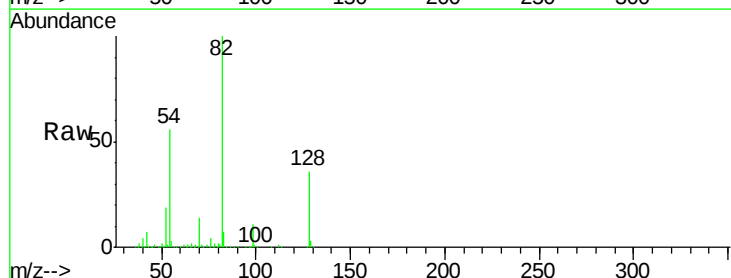
Ion Ratio Lower Upper

70 100

42 51.2 48.8 73.2

101 0.0 7.1 10.7#

130 1.8 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: BF083404.D

Acq: 2 Dec 2015 7:15

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-D-S

Tot Ion:136 Resp: 760561

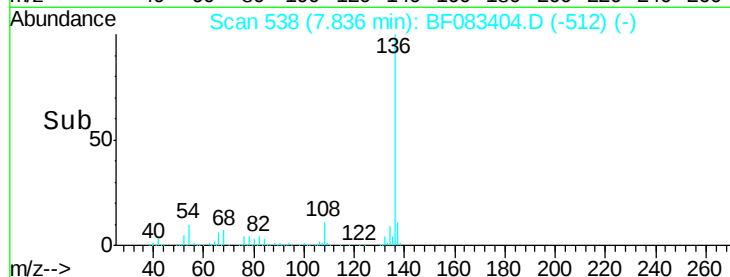
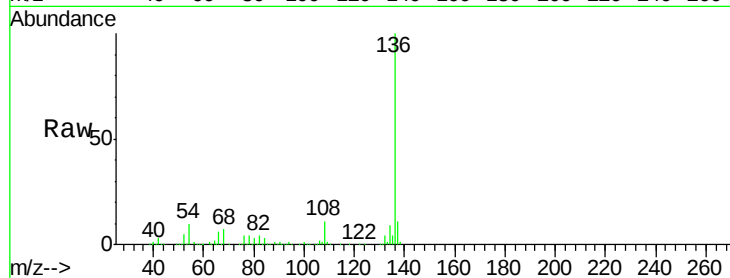
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 9.9 10.1 15.1#

68 7.0 7.1 10.7#

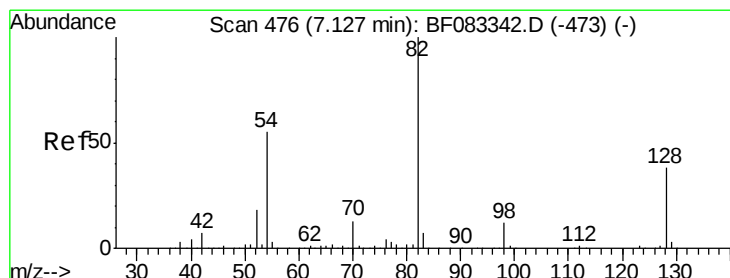
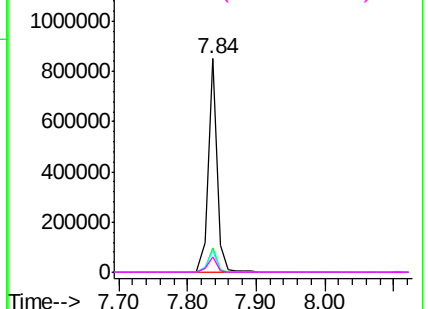


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 79.25 ng

RT: 7.13 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF083404.D

Acq: 2 Dec 2015 7:15

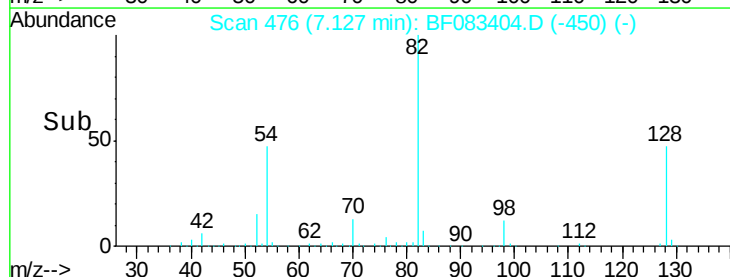
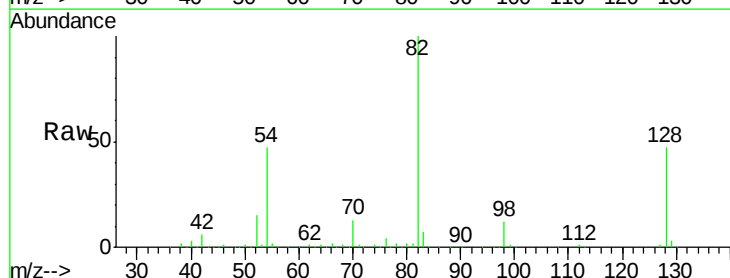
Tgt Ion: 82 Resp: 1371110

Ion Ratio Lower Upper

82 100

128 47.1 30.6 46.0#

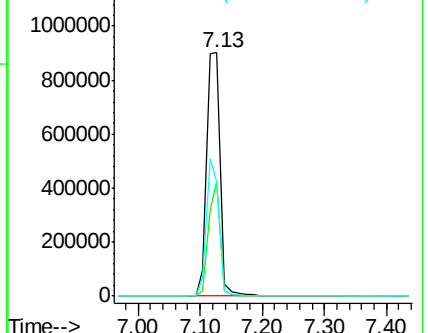
54 47.0 43.8 65.6

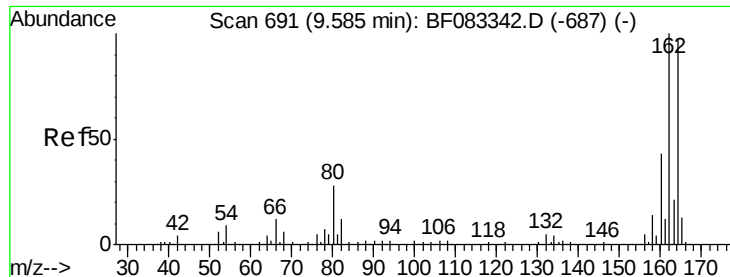


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

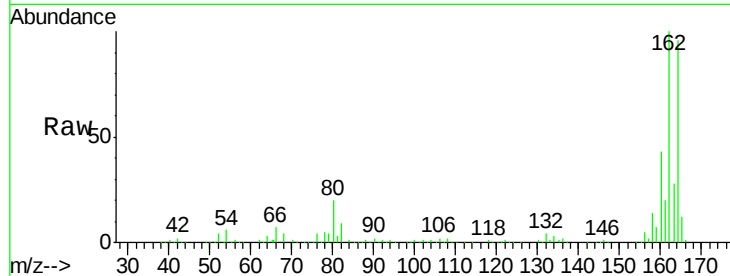




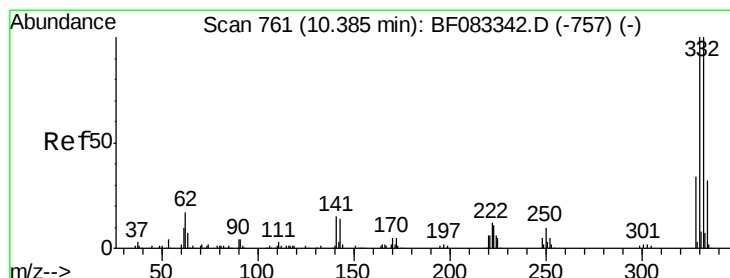
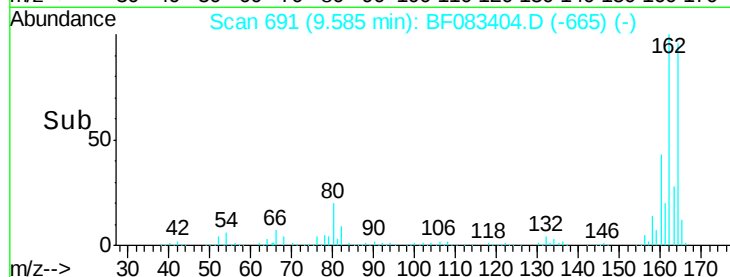
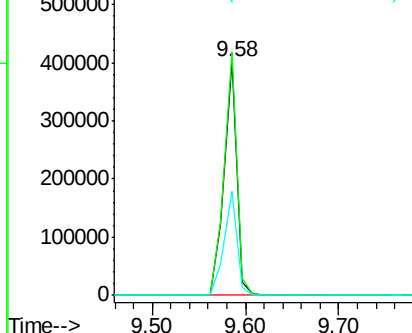
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF083404.D
Acq: 2 Dec 2015 7:15

Instrument :
BNA_F
ClientSampleId :
112515-A263-F-D-S

Tot Ion:164 Resp: 381359
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 44.4 35.3 52.9

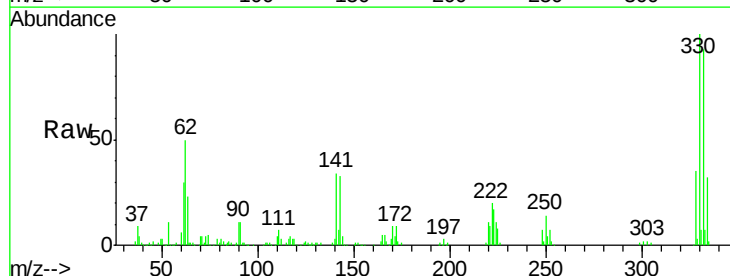


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

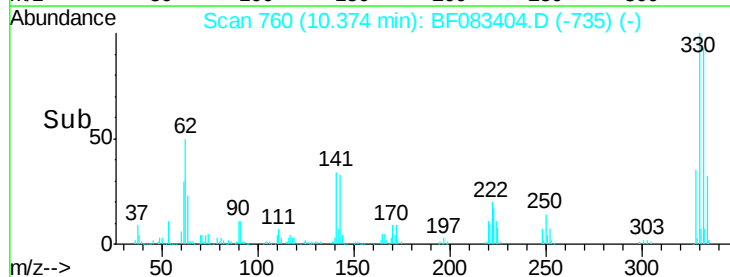
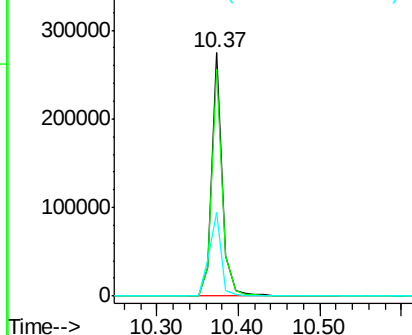


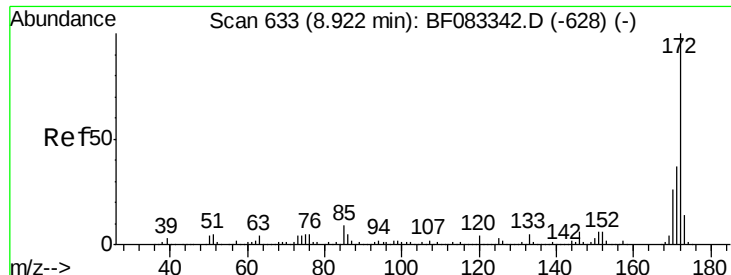
#41
2,4,6-Tribromophenol
Concen: 65.88 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF083404.D
Acq: 2 Dec 2015 7:15

Tgt Ion:330 Resp: 252199
Ion Ratio Lower Upper
330 100
332 95.1 77.8 116.6
141 39.6 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

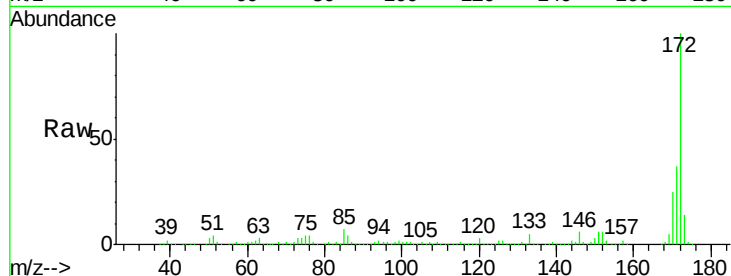




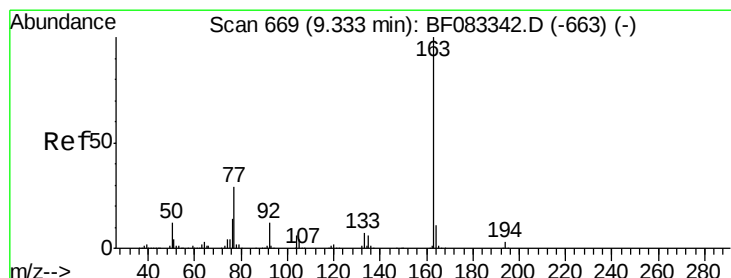
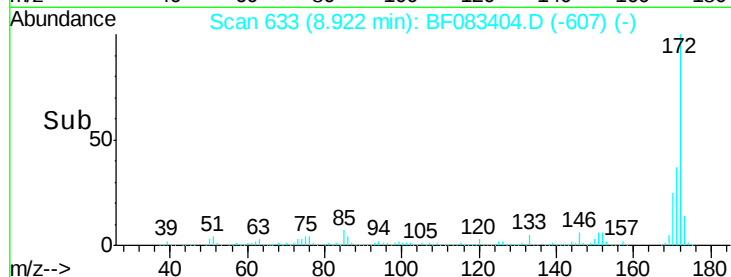
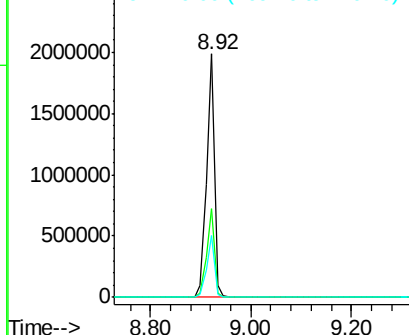
#44
2-Fluorobiphenyl
Concen: 80.76 ng
RT: 8.92 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF083404.D
Acq: 2 Dec 2015 7:15

Instrument :
BNA_F
ClientSampleId :
112515-A263-F-D-S

Tot Ion:172 Resp: 2161357
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 25.2 20.4 30.6

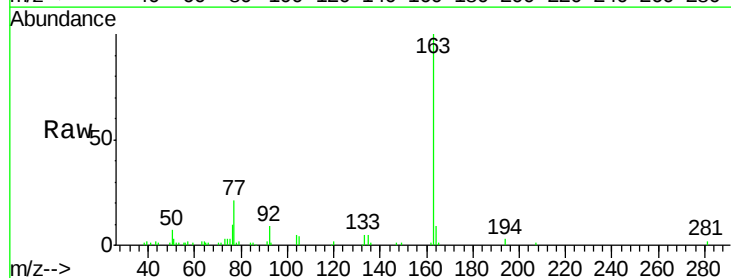


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

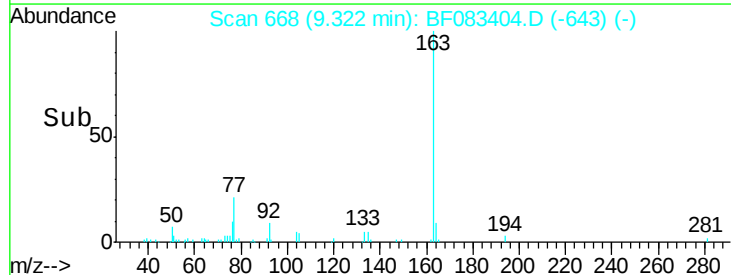
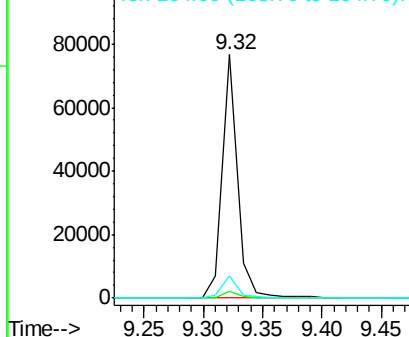


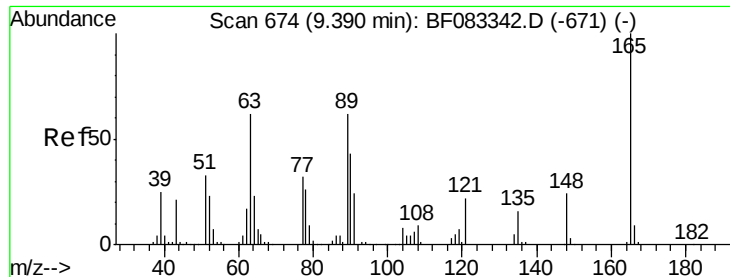
#49
Dimethylphthalate
Concen: 2.19 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF083404.D
Acq: 2 Dec 2015 7:15

Tgt Ion:163 Resp: 67755
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 9.1 8.8 13.2



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: 7.26 ng

RT: 9.58 min Scan# 691

Delta R.T. 0.19 min

Lab File: BF083404.D

Acq: 2 Dec 2015 7:15

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-D-S

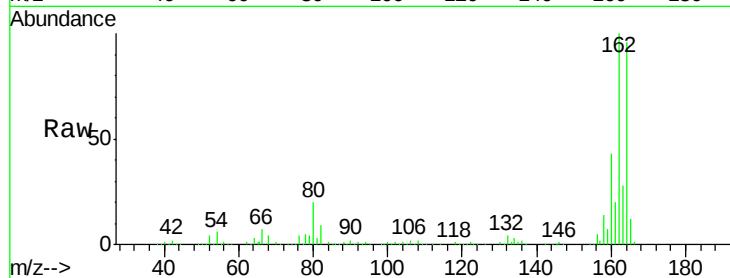
Tot Ion:165 Resp: 48037

Ion Ratio Lower Upper

165 100

63 1.7 56.0 84.0#

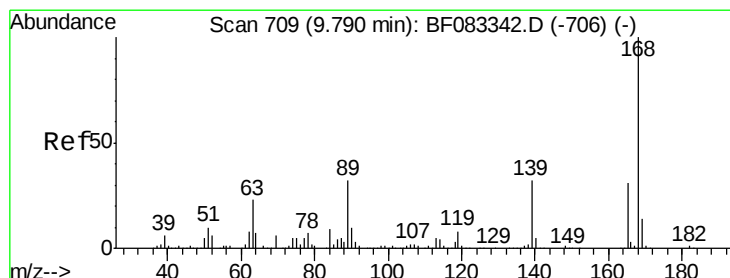
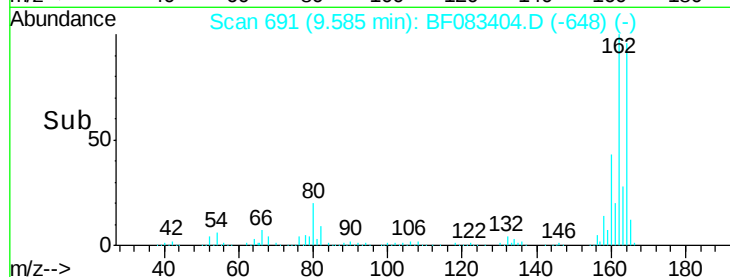
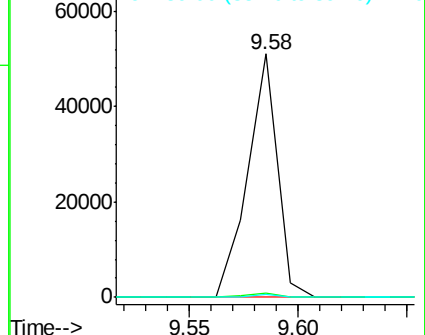
89 1.4 49.8 74.8#



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: 5.72 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.21 min

Lab File: BF083404.D

Acq: 2 Dec 2015 7:15

Tgt Ion:165 Resp: 48037

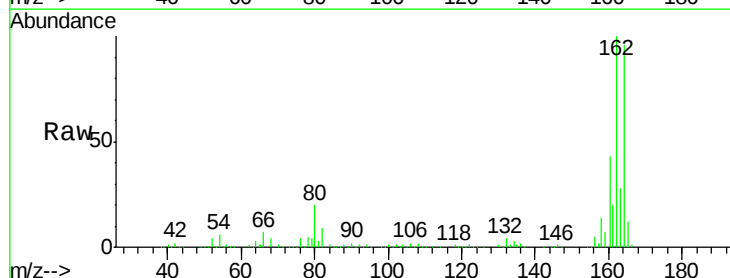
Ion Ratio Lower Upper

165 100

63 1.7 65.4 98.0#

89 1.4 81.2 121.8#

182 0.0 1.8 2.8#

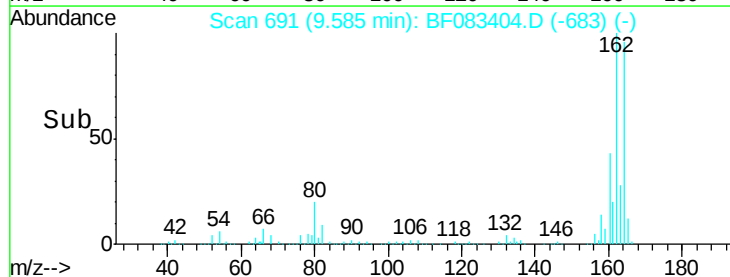
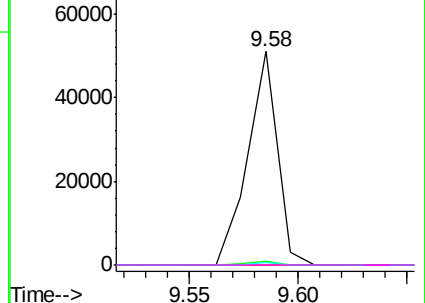


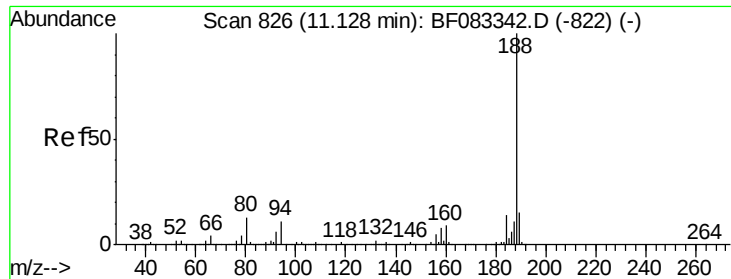
Abundance Ion 165.00 (164.70 to 165.70): E

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

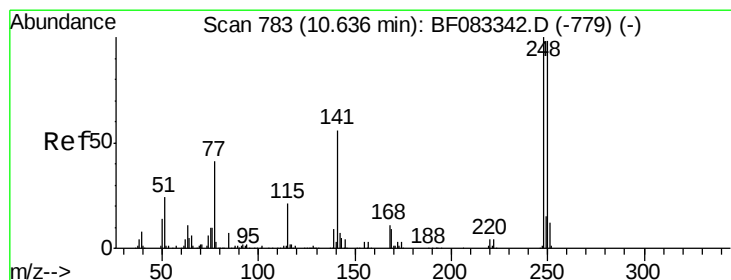
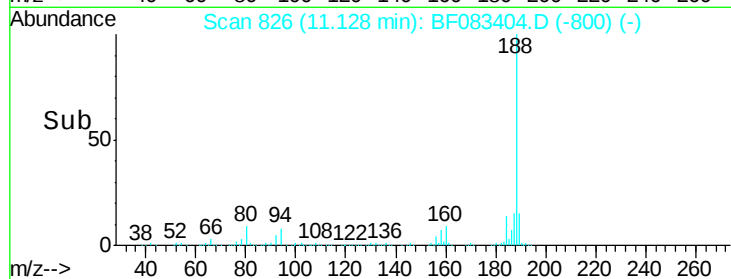
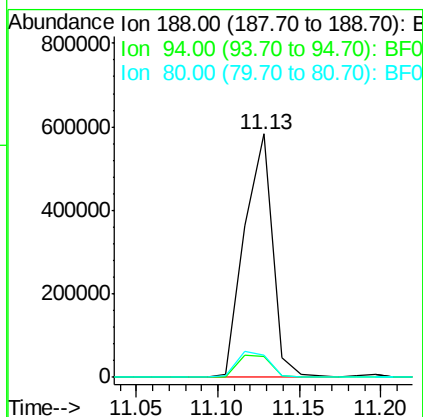
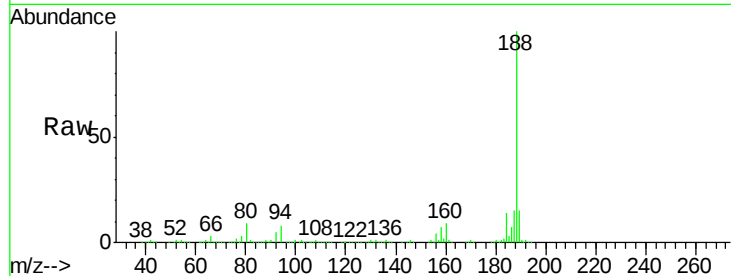




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083404.D
Acq: 2 Dec 2015 7:15

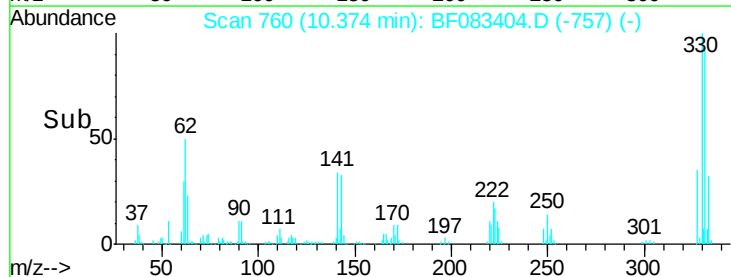
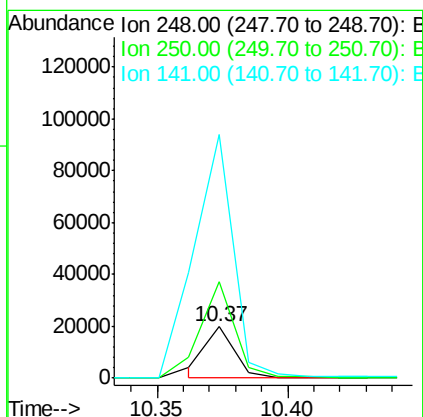
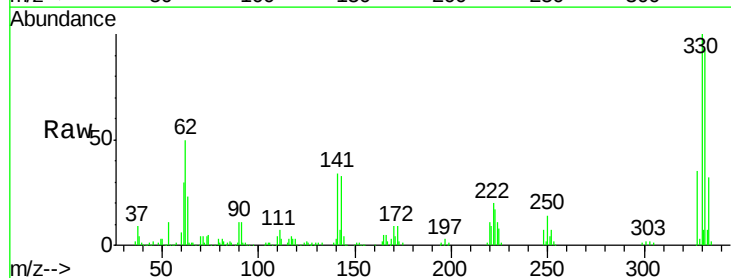
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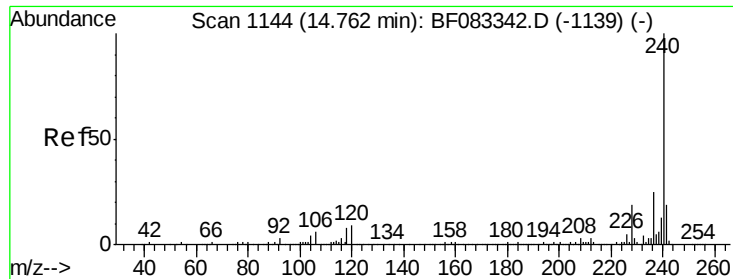
Tot Ion:188 Resp: 693272
Ion Ratio Lower Upper
188 100
94 8.4 8.7 13.1#
80 9.1 10.3 15.5#



#66
4-Bromophenyl-phenylether
Concen: 2.02 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF083404.D
Acq: 2 Dec 2015 7:15

Tgt Ion:248 Resp: 15331
Ion Ratio Lower Upper
248 100
250 187.2 78.6 118.0#
141 472.4 44.4 66.6#

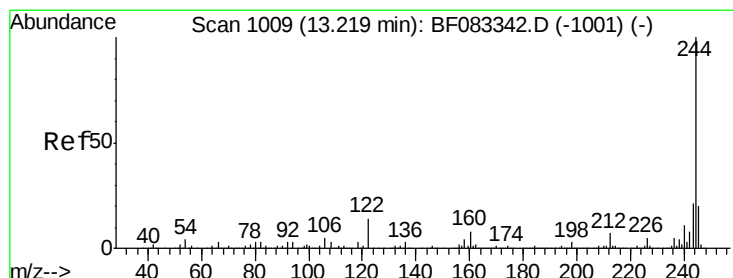
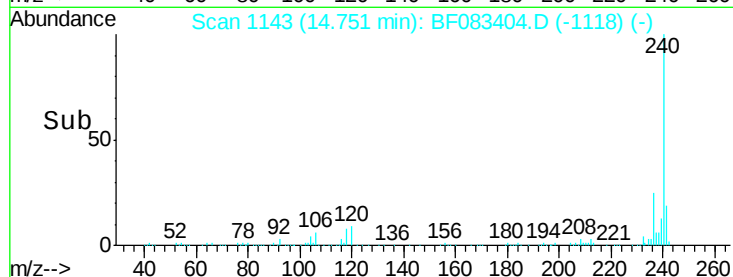
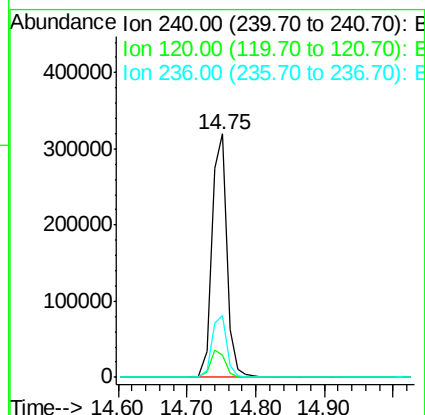
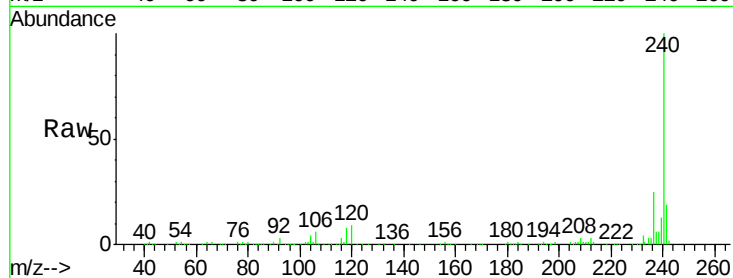




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083404.D
 Acq: 2 Dec 2015 7:15

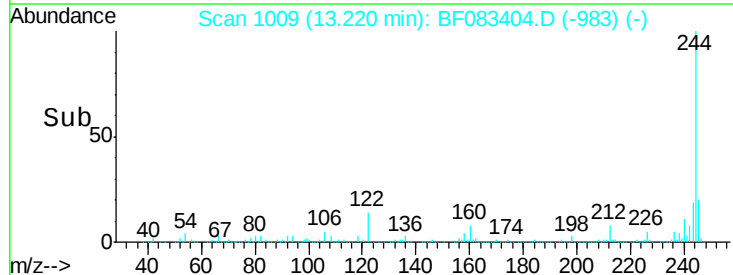
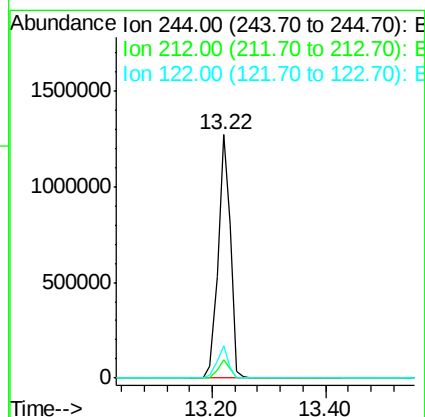
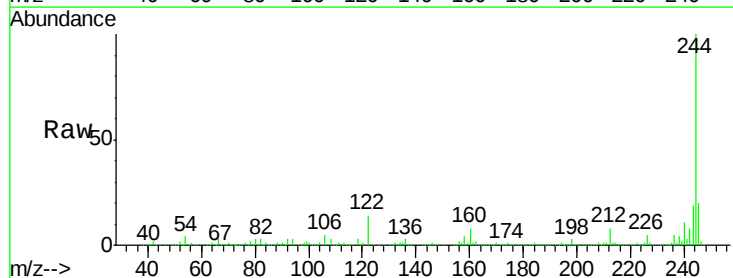
Instrument :
 BNA_F
 ClientSampleId :
 112515-A263-F-D-S

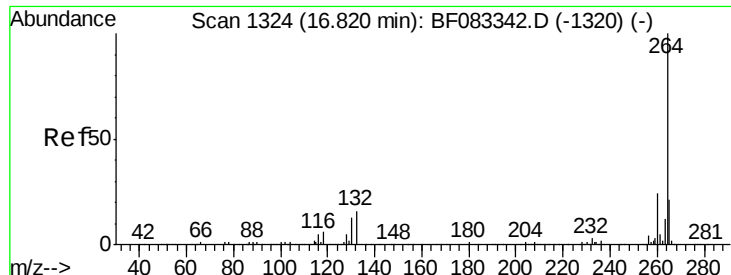
Tot Ion:240 Resp: 490576
 Ion Ratio Lower Upper
 240 100
 120 9.1 6.9 10.3
 236 25.4 19.8 29.6



#78
 Terphenyl-d14
 Concen: 91.02 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083404.D
 Acq: 2 Dec 2015 7:15

Tgt Ion:244 Resp: 1872314
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 13.6 11.0 16.4

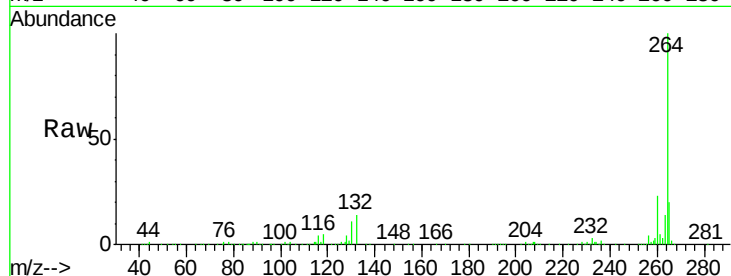




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.82 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF083404.D
Acq: 2 Dec 2015 7:15

Instrument :
BNA_F
ClientSampleId :
112515-A263-F-D-S

Tot Ion:264 Resp: 440602
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 20.4 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

