

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083176.D
 Acq On : 22 Nov 2015 23:37
 Operator : UM/IZ
 Sample : G4482-01
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-004

Quant Time: Nov 23 03:42:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

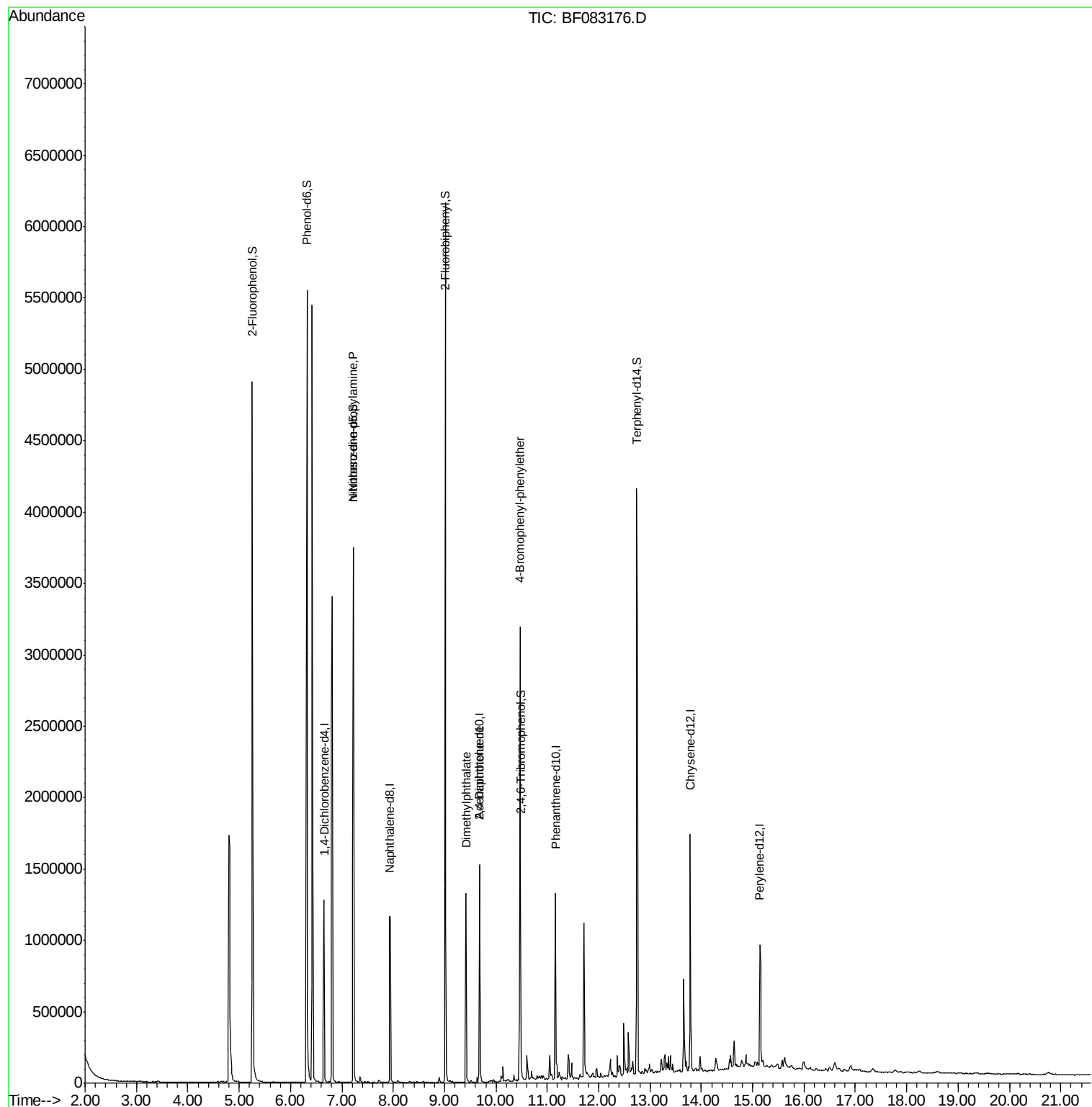
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	206028	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	797923	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	395482	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	709750	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	556692	20.00	ng	-0.02
86) Perylene-d12	15.14	264	457777	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1480927	108.67	ng	-0.02
7) Phenol-d6	6.32	99	2221524	125.99	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1389212	79.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	434807	107.47	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1930121	68.05	ng	-0.01
78) Terphenyl-d14	12.74	244	1785942	75.55	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.32	77	2751	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.22	70	189140	15.41	ng	# 75
49) Dimethylphthalate	9.42	163	502729	16.51	ng	100
56) 2,4-Dinitrotoluene	9.68	165	50701	5.86	ng	# 10
66) 4-Bromophenyl-phenylether	10.47	248	28292	3.59	ng	# 1

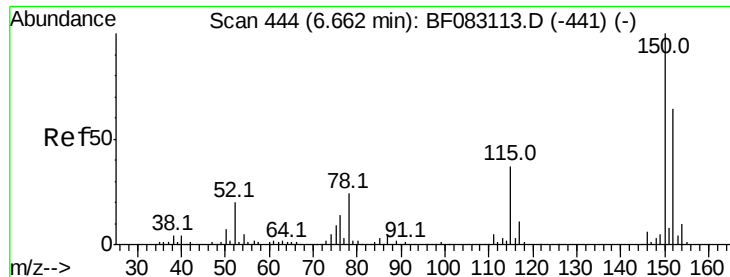
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 03:42:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration



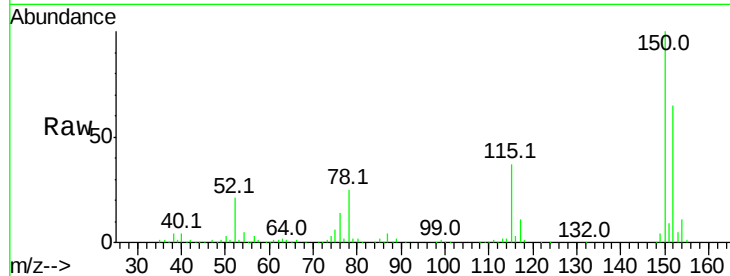


#1

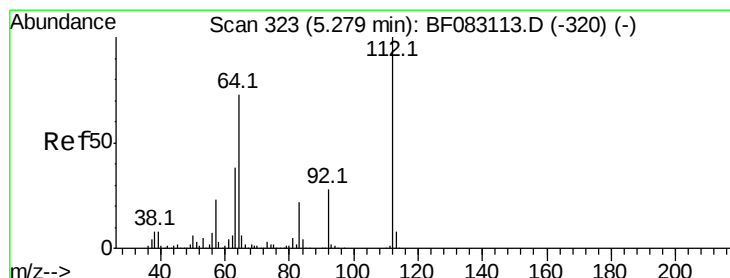
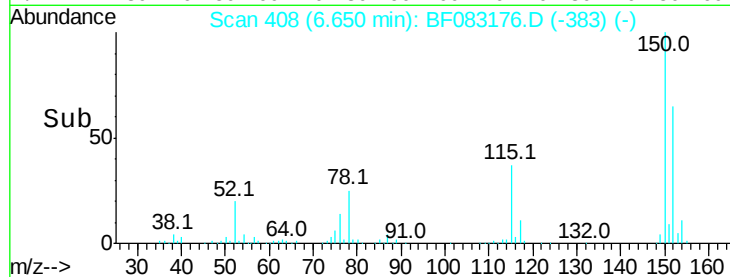
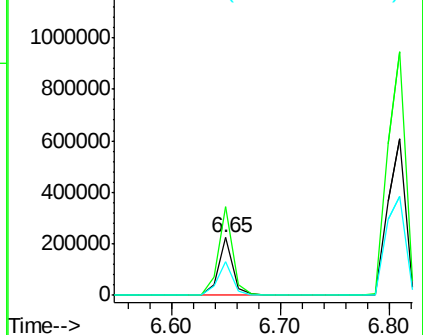
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083176.D
Acq: 22 Nov 2015 23:37

Instrument :
BNA_F
ClientSampleId :
NC-HC-004

Tot Ion:152 Resp: 206028
Ion Ratio Lower Upper
152 100
150 153.8 125.8 188.8
115 57.5 46.9 70.3



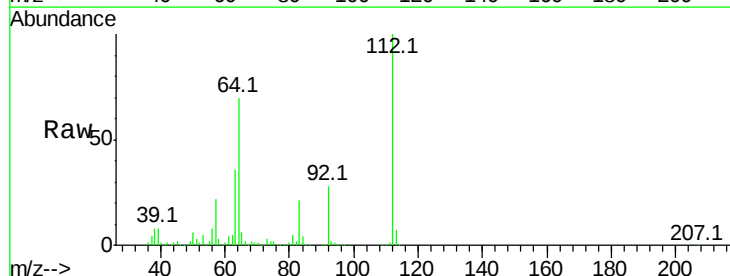
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



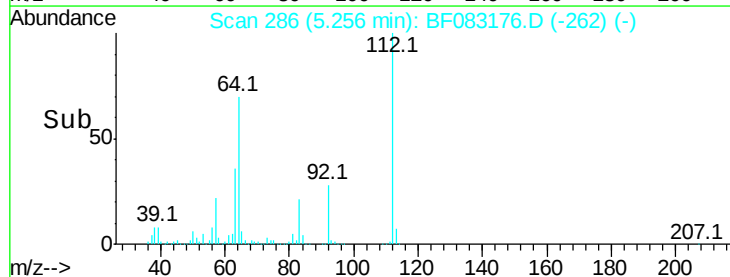
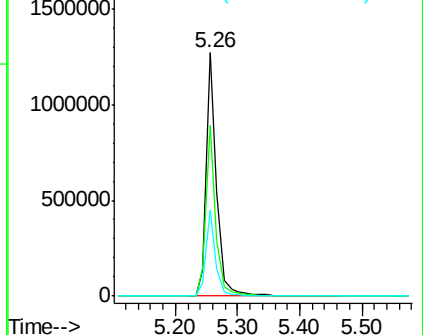
#5

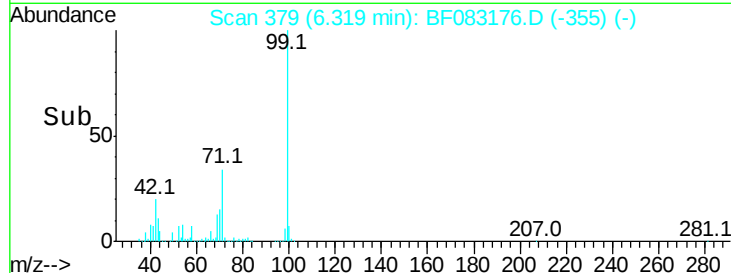
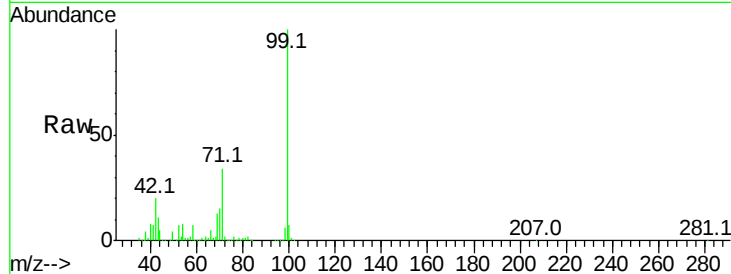
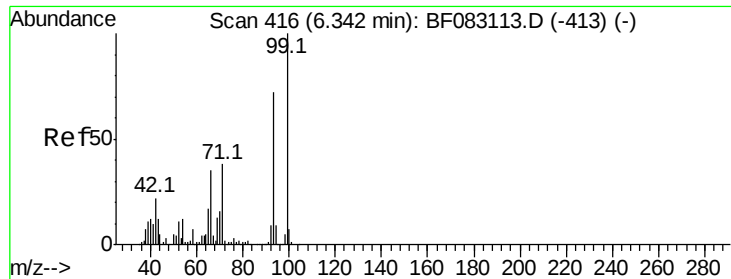
2-Fluorophenol
Concen: 108.67 ng
RT: 5.26 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF083176.D
Acq: 22 Nov 2015 23:37

Tgt Ion:112 Resp: 1480927
Ion Ratio Lower Upper
112 100
64 70.3 58.4 87.6
63 35.5 30.0 45.0



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: 125.99 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083176.D

Acq: 22 Nov 2015 23:37

Instrument :

BNA_F

ClientSampleId :

NC-HC-004

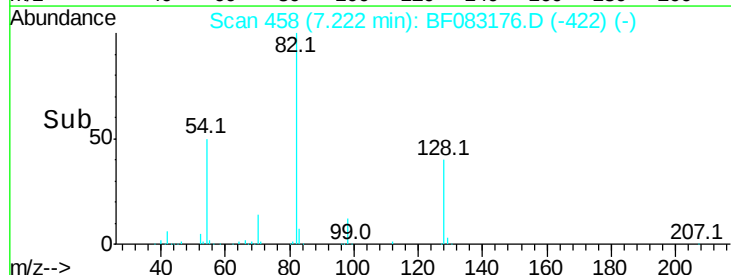
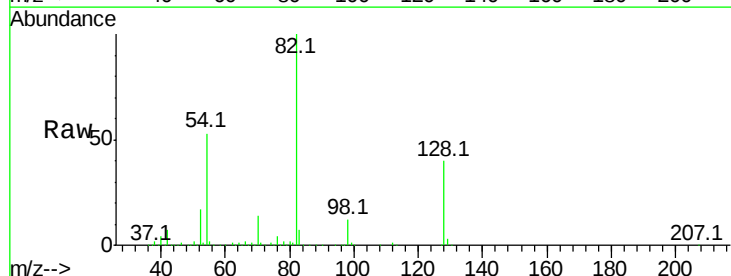
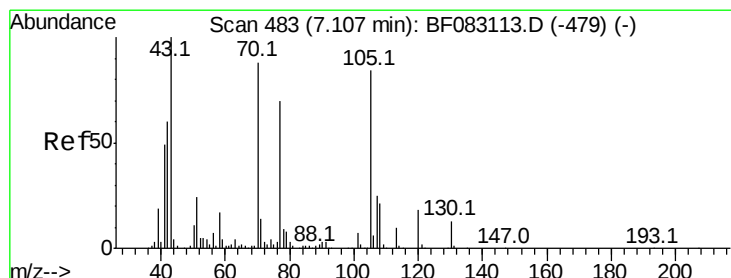
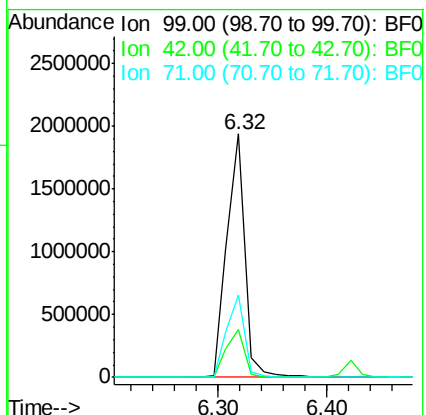
Tot Ion: 99 Resp: 2221524

Ion Ratio Lower Upper

99 100

42 19.8 17.7 26.5

71 34.0 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.41 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083176.D

Acq: 22 Nov 2015 23:37

Tgt Ion: 70 Resp: 189140

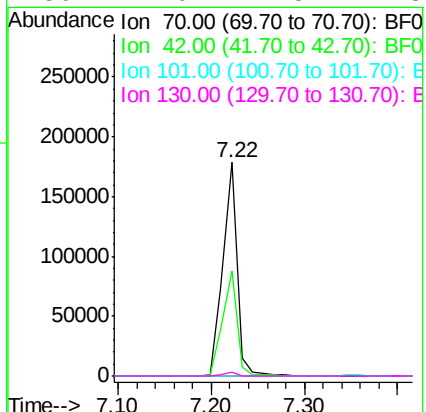
Ion Ratio Lower Upper

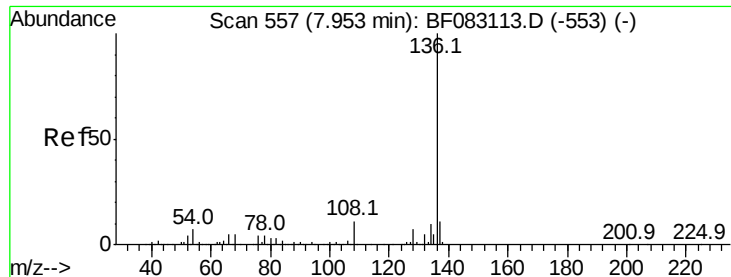
70 100

42 48.9 54.5 81.7#

101 0.0 6.6 9.8#

130 2.0 11.5 17.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083176.D

Acq: 22 Nov 2015 23:37

Instrument :

BNA_F

ClientSampleId :

NC-HC-004

Tot Ion:136 Resp: 797923

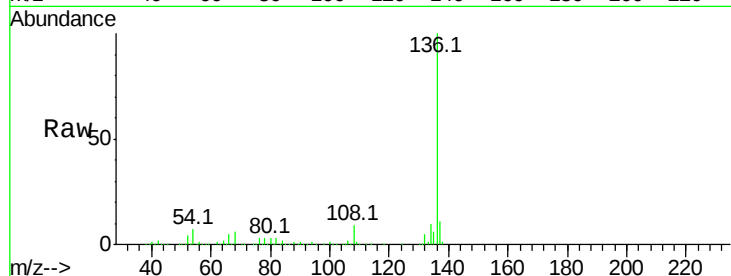
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.3 5.8 8.6

68 5.6 3.8 5.8

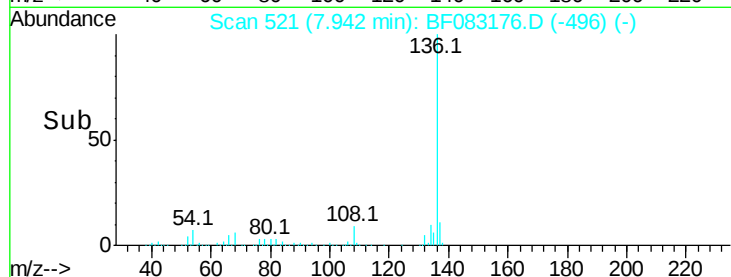


Abundance Ion 136.00 (135.70 to 136.70): E

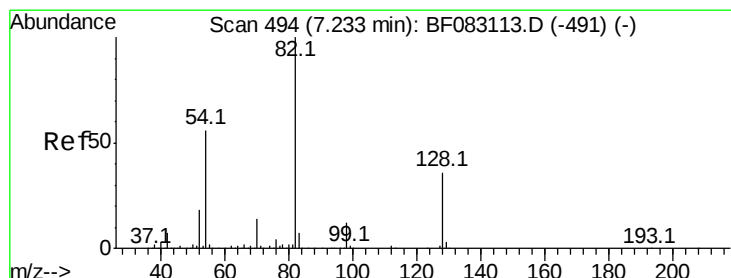
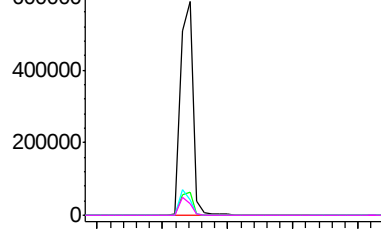
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 79.55 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083176.D

Acq: 22 Nov 2015 23:37

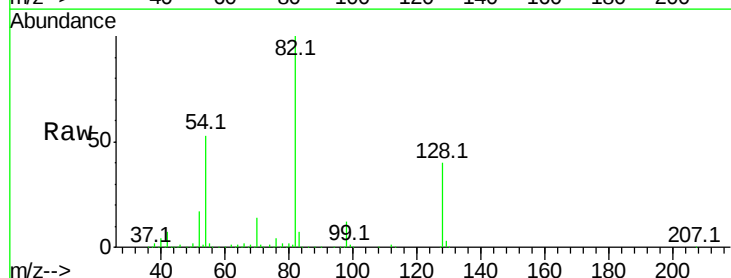
Tgt Ion: 82 Resp: 1389212

Ion Ratio Lower Upper

82 100

128 39.8 28.5 42.7

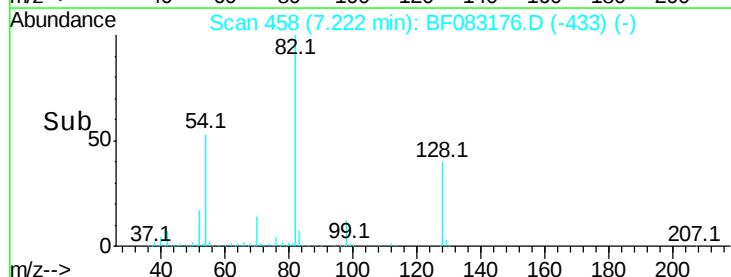
54 52.8 44.6 67.0



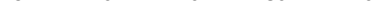
Abundance Ion 82.00 (81.70 to 82.70): BF0

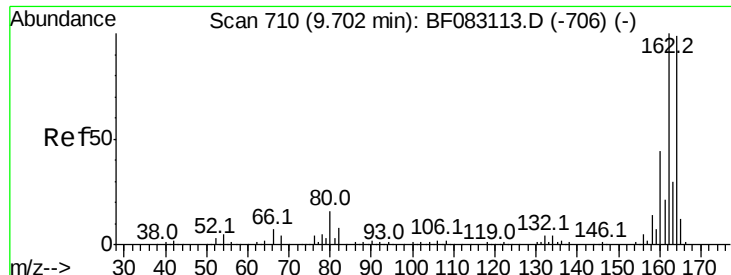
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083176.D

Acq: 22 Nov 2015 23:37

Instrument :

BNA_F

ClientSampleId :

NC-HC-004

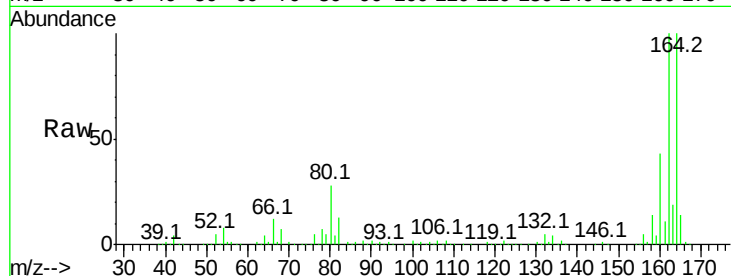
Tot Ion:164 Resp: 395482

Ion Ratio Lower Upper

164 100

162 99.8 81.2 121.8

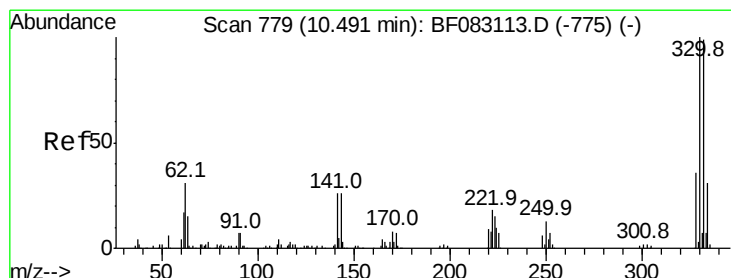
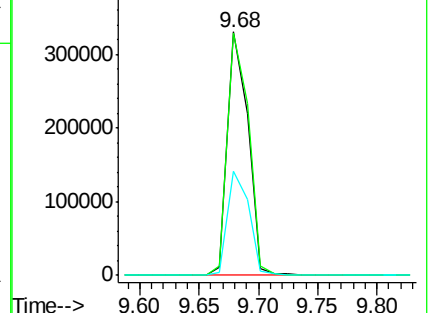
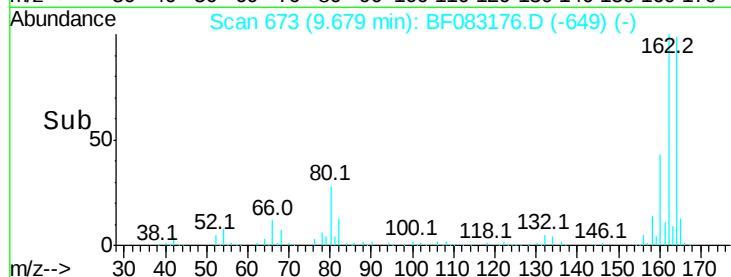
160 42.6 35.6 53.4



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: 107.47 ng

RT: 10.48 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF083176.D

Acq: 22 Nov 2015 23:37

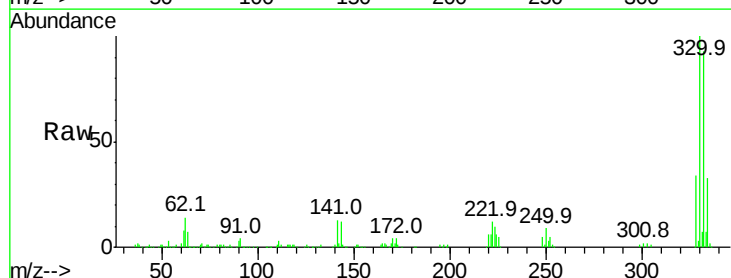
Tgt Ion:330 Resp: 434807

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

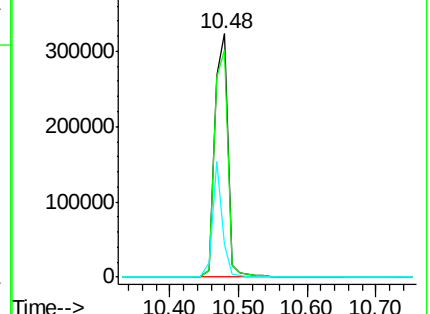
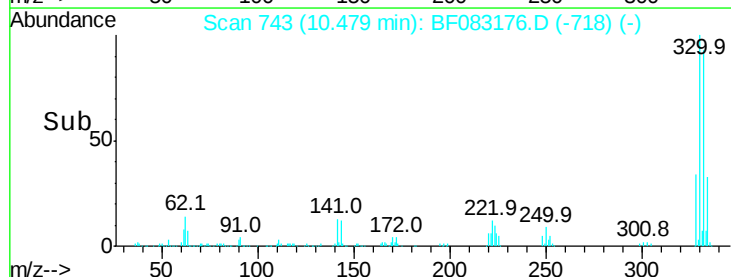
141 35.3 29.7 44.5

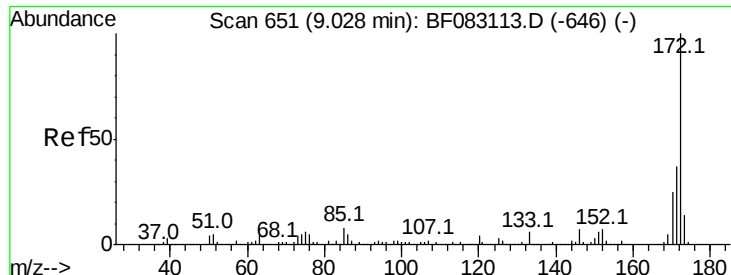


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

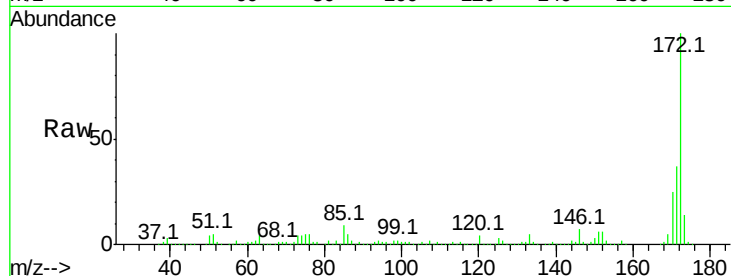




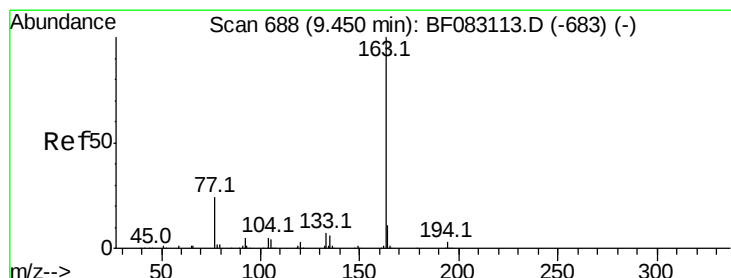
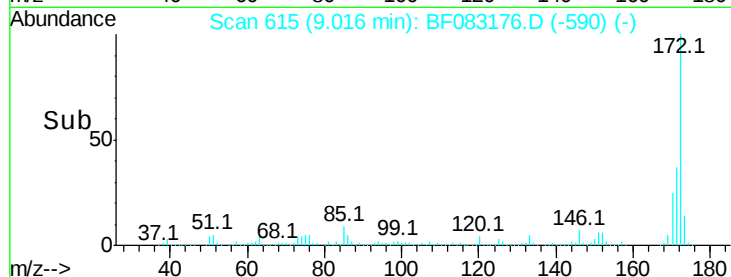
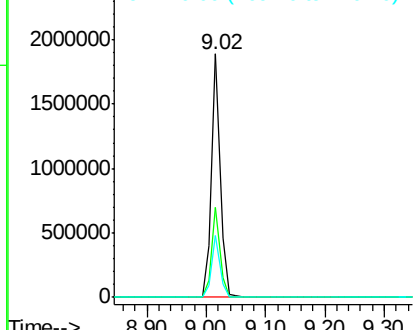
#44
2-Fluorobiphenyl
Concen: 68.05 ng
RT: 9.02 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF083176.D
Acq: 22 Nov 2015 23:37

Instrument :
BNA_F
ClientSampleId :
NC-HC-004

Tot Ion:172 Resp: 1930121
Ion Ratio Lower Upper
172 100
171 37.2 29.5 44.3
170 25.3 19.9 29.9

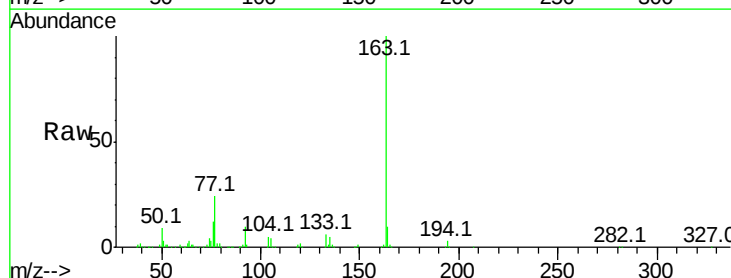


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

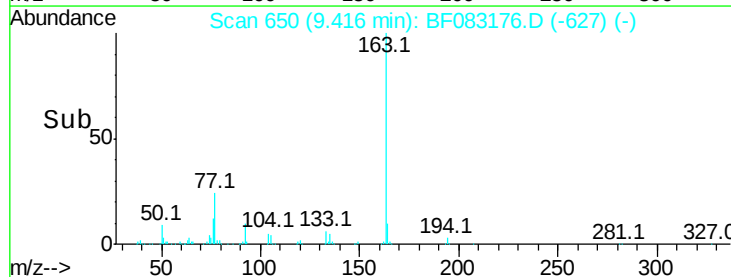
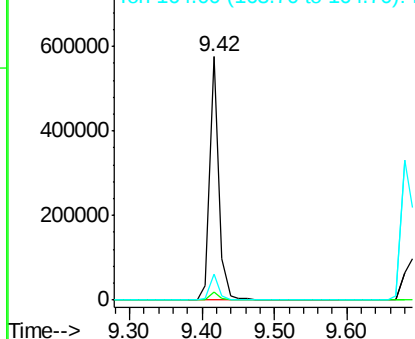


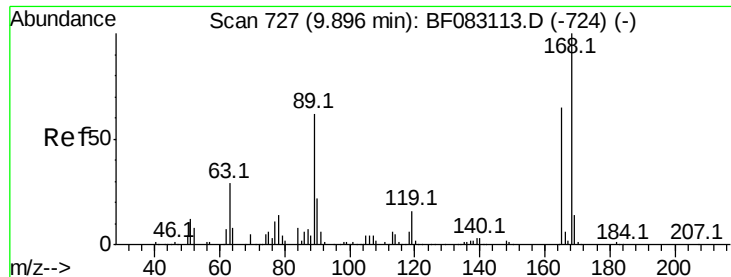
#49
Dimethylphthalate
Concen: 16.51 ng
RT: 9.42 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF083176.D
Acq: 22 Nov 2015 23:37

Tgt Ion:163 Resp: 502729
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.5 8.6 12.8



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





#56

2,4-Dinitrotoluene

Concen: 5.86 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.22 min

Lab File: BF083176.D

Acq: 22 Nov 2015 23:37

Instrument :

BNA_F

ClientSampleId :

NC-HC-004

Tot Ion:165 Resp: 50701

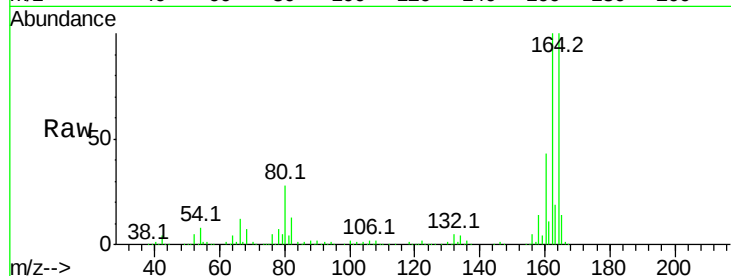
Ion Ratio Lower Upper

165 100

63 1.2 54.5 81.7#

89 1.8 77.3 115.9#

182 0.0 1.8 2.6#

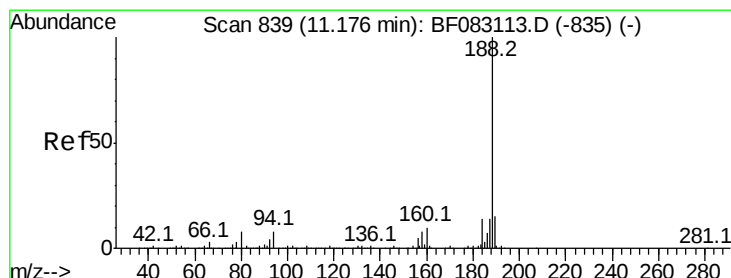
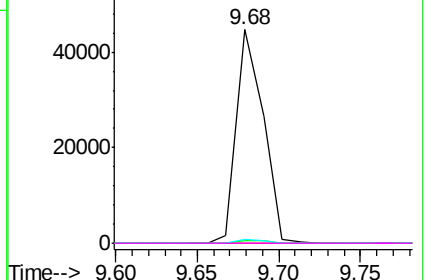
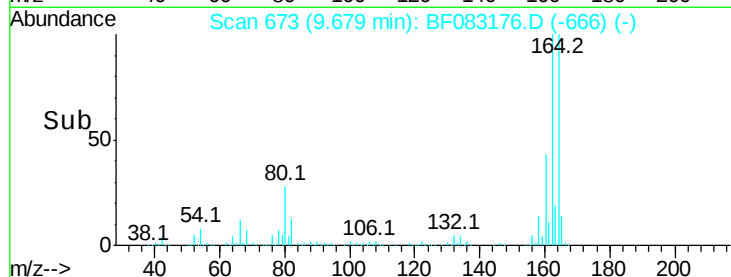


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083176.D

Acq: 22 Nov 2015 23:37

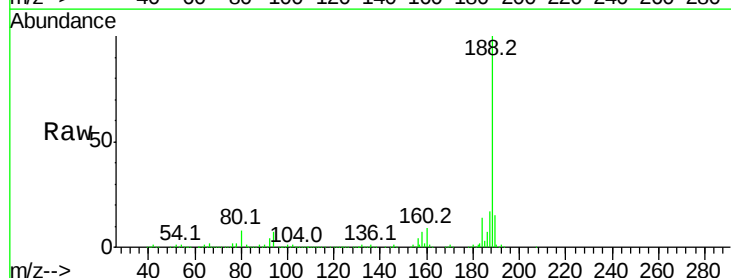
Tgt Ion:188 Resp: 709750

Ion Ratio Lower Upper

188 100

94 7.2 6.0 9.0

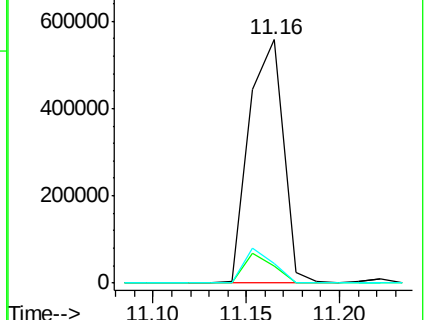
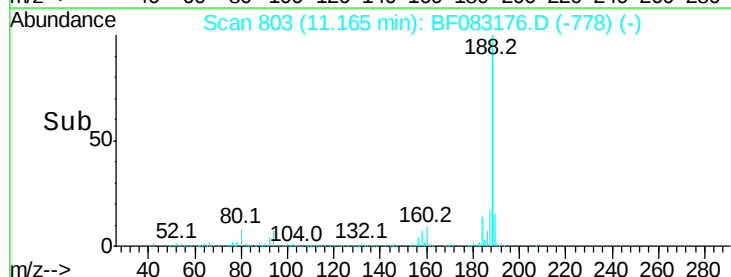
80 7.9 6.7 10.1

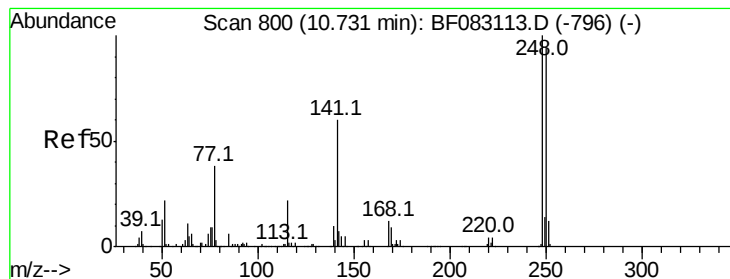


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.59 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.26 min

Lab File: BF083176.D

Acq: 22 Nov 2015 23:37

Instrument :

BNA_F

ClientSampleId :

NC-HC-004

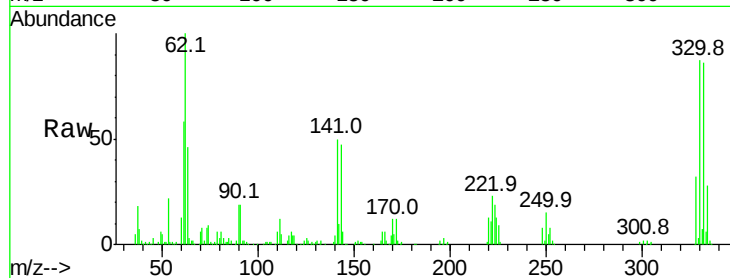
Tot Ion:248 Resp: 28292

Ion Ratio Lower Upper

248 100

250 203.9 75.4 113.2#

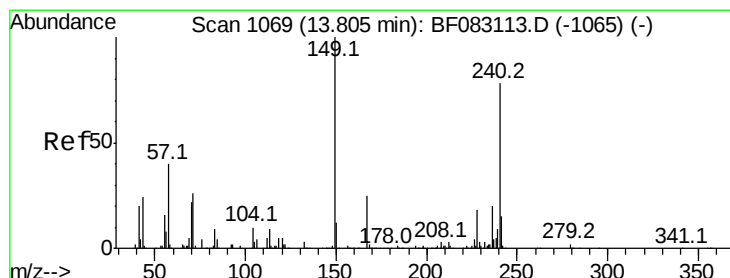
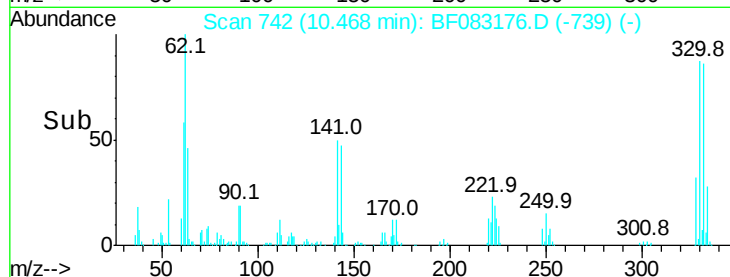
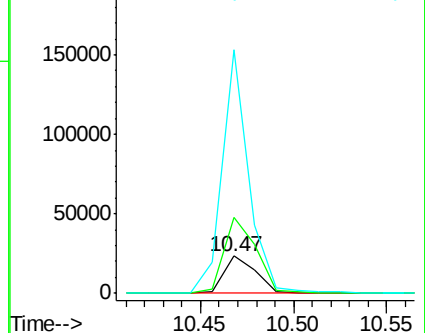
141 655.6 48.1 72.1#



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: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083176.D

Acq: 22 Nov 2015 23:37

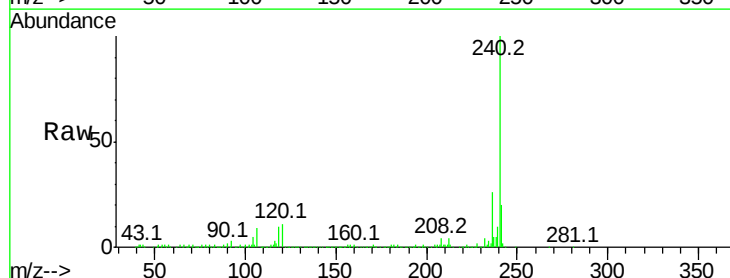
Tgt Ion:240 Resp: 556692

Ion Ratio Lower Upper

240 100

120 11.4 5.4 8.2#

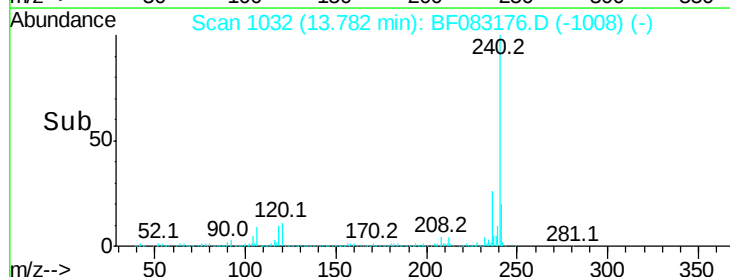
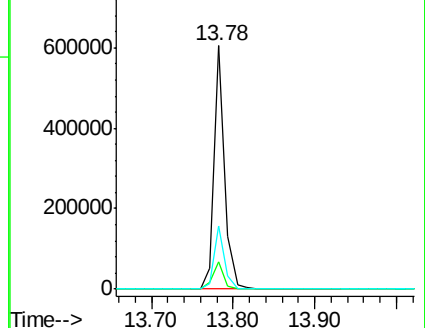
236 25.9 20.6 31.0

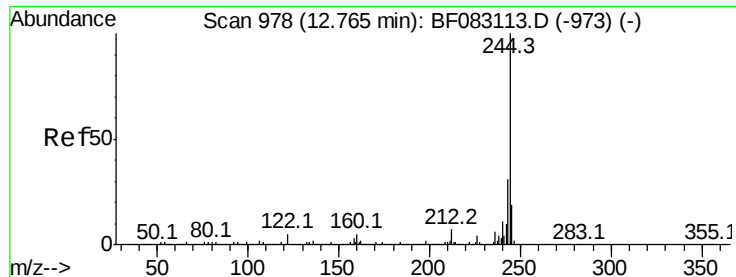


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.55 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083176.D

Acq: 22 Nov 2015 23:37

Instrument :

BNA_F

ClientSampleId :

NC-HC-004

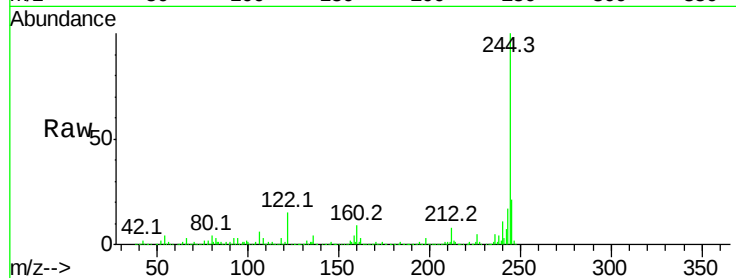
Tot Ion:244 Resp: 1785942

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

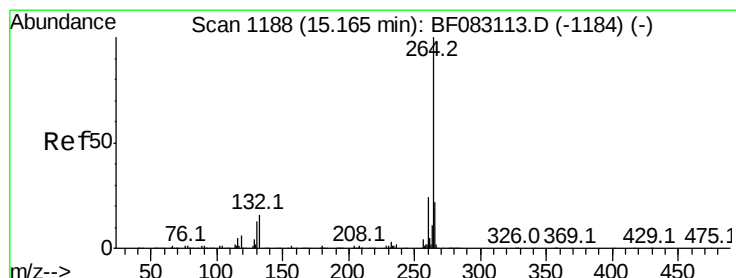
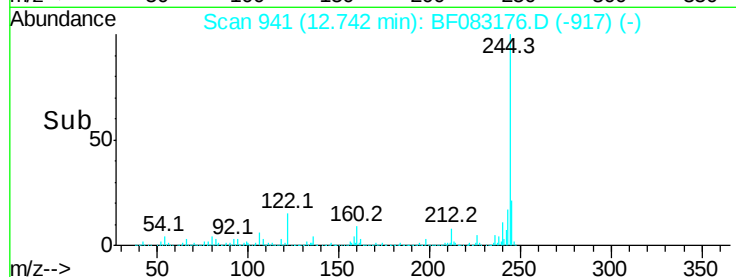
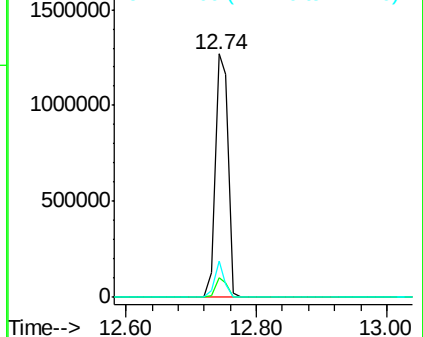
122 15.0 4.3 6.5#



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: 15.14 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF083176.D

Acq: 22 Nov 2015 23:37

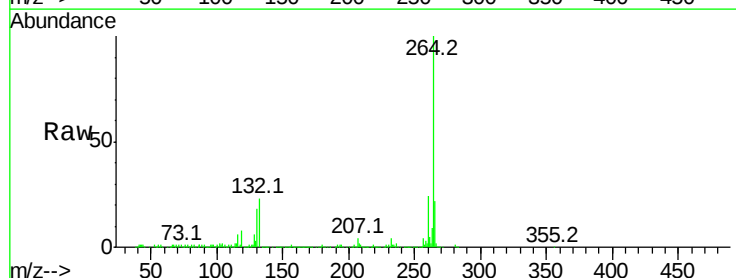
Tgt Ion:264 Resp: 457777

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.8 18.2 27.4



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

