

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083169.D
 Acq On : 22 Nov 2015 20:12
 Operator : UM/IZ
 Sample : G4455-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Quant Time: Nov 23 03:40:47 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

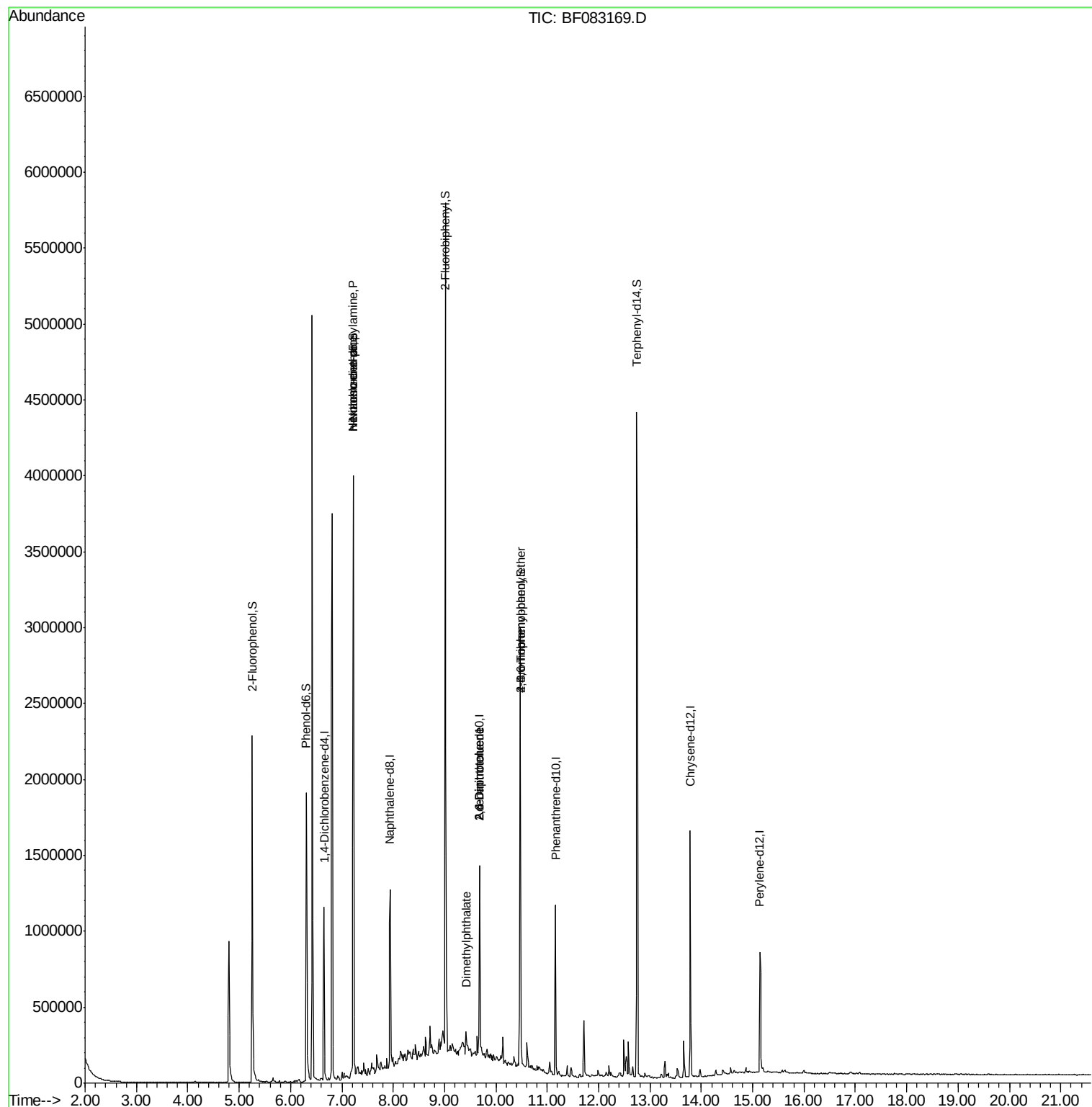
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	183443	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	689786	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	341507	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	636551	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	551165	20.00	ng	-0.02
86) Perylene-d12	15.14	264	434475	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	787723	64.92	ng	-0.02
7) Phenol-d6	6.31	99	710548	45.26	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1436543	95.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	472578	135.26	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2045520	83.52	ng	-0.01
78) Terphenyl-d14	12.74	244	1939850	82.88	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.31	77	1183	Below Cal	#	4
18) Hexachloroethane	7.22	117	17541	3.29	ng	# 1
19) n-Nitroso-di-n-propylamine	7.22	70	202803	18.56	ng	# 77
49) Dimethylphthalate	9.42	163	58811	2.24	ng	# 98
50) 2,6-Dinitrotoluene	9.68	165	43484	7.37	ng	# 15
56) 2,4-Dinitrotoluene	9.68	165	43484	5.82	ng	# 12
66) 4-Bromophenyl-phenylether	10.48	248	30737	4.35	ng	# 1

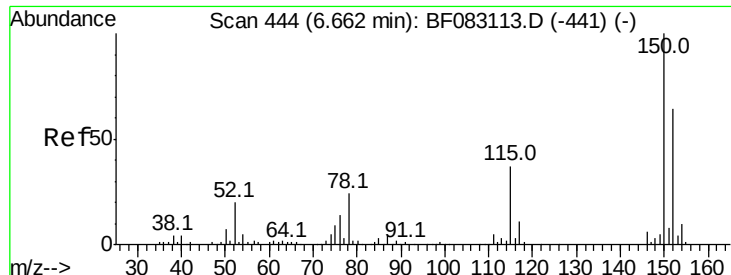
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 03:40:47 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: BF083169.D

Acq: 22 Nov 2015 20:12

Instrument :

BNA_F

ClientSampleId :

MW-28

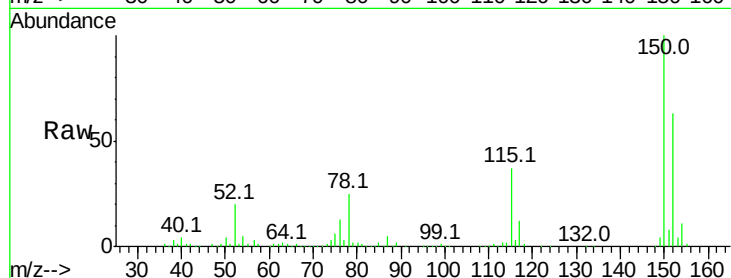
Tot Ion:152 Resp: 183443

Ion Ratio Lower Upper

152 100

150 158.2 125.8 188.8

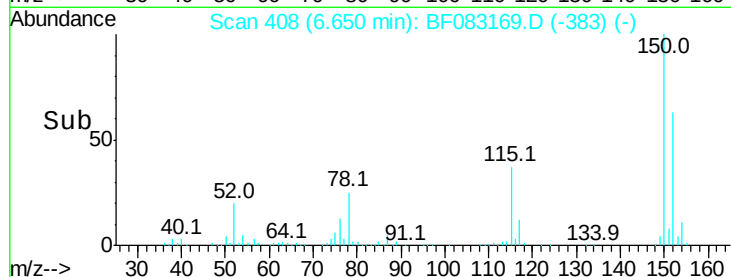
115 58.5 46.9 70.3



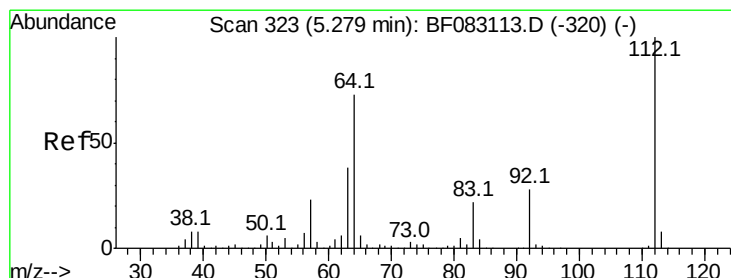
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 64.92 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083169.D

Acq: 22 Nov 2015 20:12

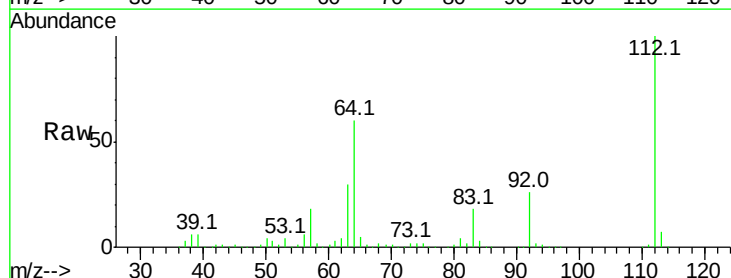
Tgt Ion:112 Resp: 787723

Ion Ratio Lower Upper

112 100

64 60.5 58.4 87.6

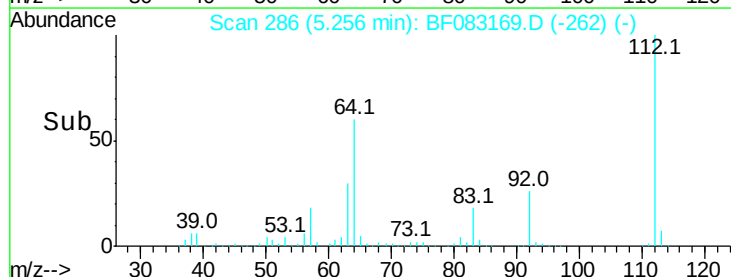
63 29.7 30.0 45.0#



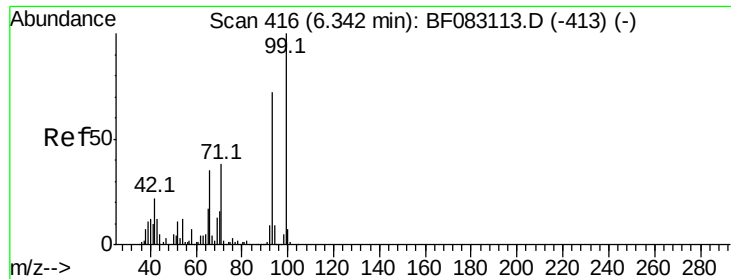
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 45.26 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083169.D

Acq: 22 Nov 2015 20:12

Instrument :

BNA_F

ClientSampleId :

MW-28

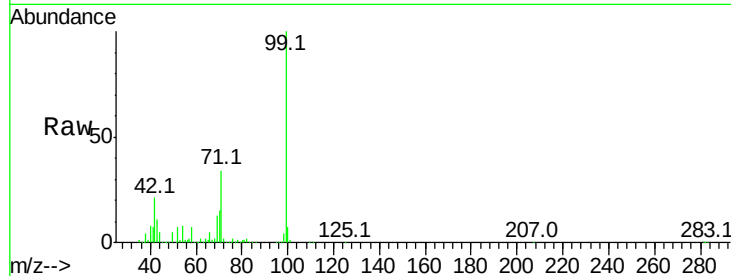
Tot Ion: 99 Resp: 710548

Ion Ratio Lower Upper

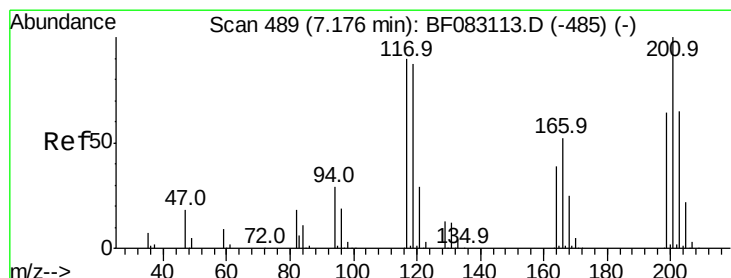
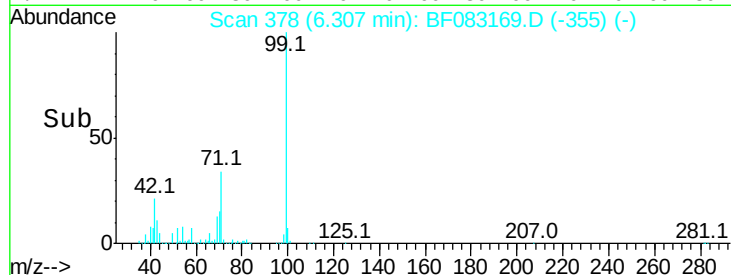
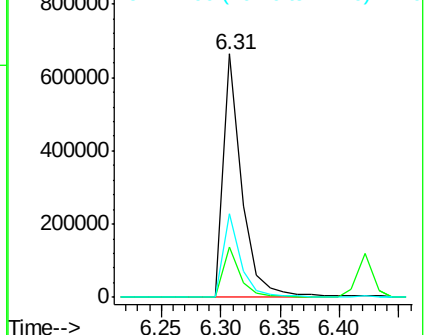
99 100

42 20.7 17.7 26.5

71 34.1 30.2 45.4



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



#18

Hexachloroethane

Concen: 3.29 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.05 min

Lab File: BF083169.D

Acq: 22 Nov 2015 20:12

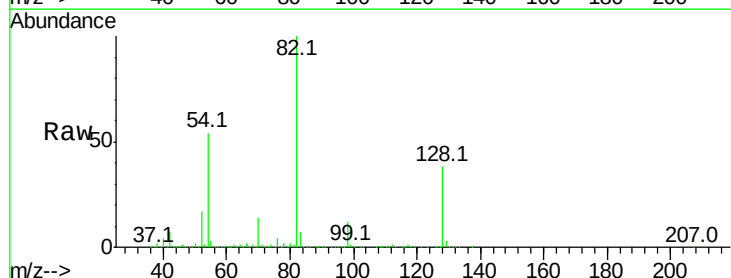
Tgt Ion: 117 Resp: 17541

Ion Ratio Lower Upper

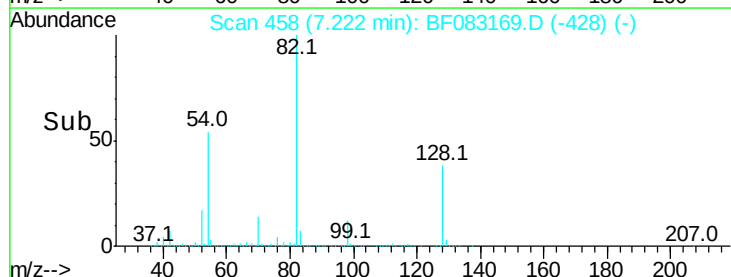
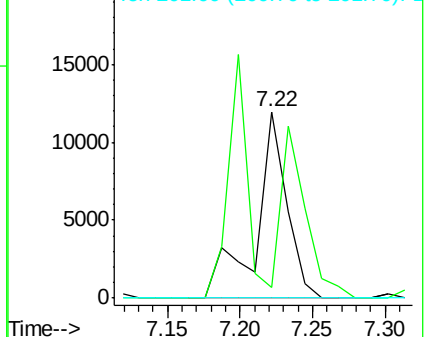
117 100

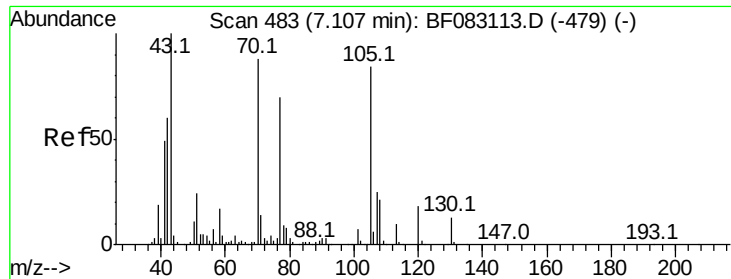
119 5.7 76.8 115.2#

201 0.0 88.6 133.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

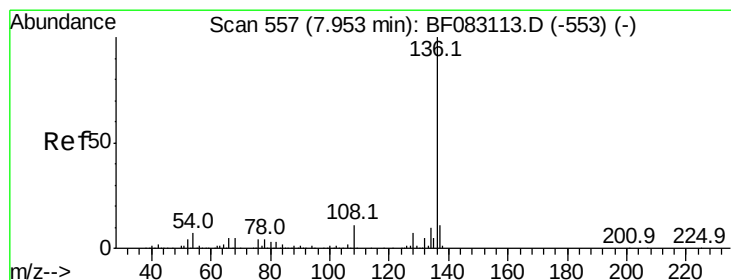
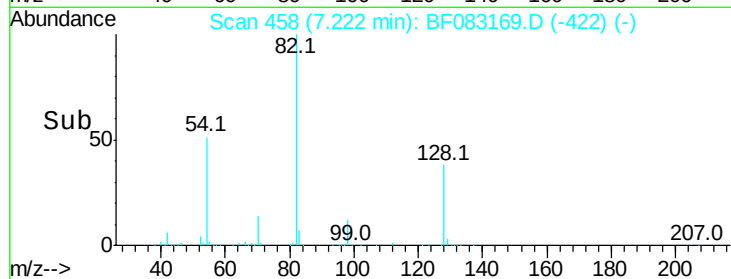
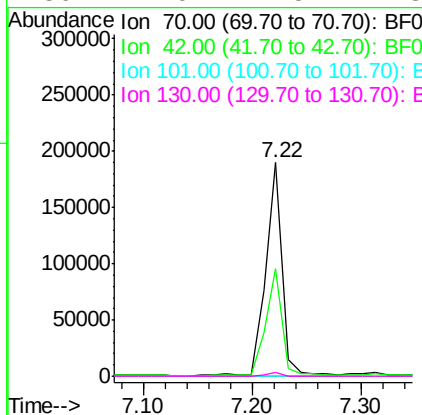
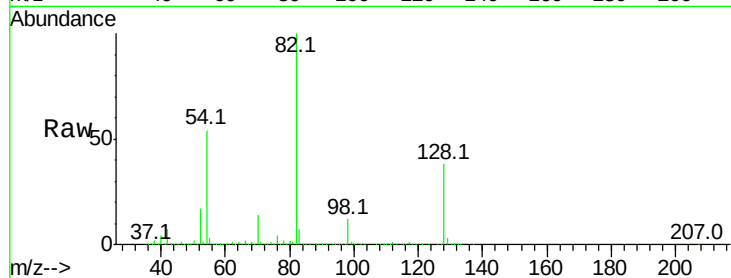




#19
n-Nitroso-di-n-propylamine
Concen: 18.56 ng
RT: 7.22 min Scan# 458
Delta R.T. 0.11 min
Lab File: BF083169.D
Acq: 22 Nov 2015 20:12

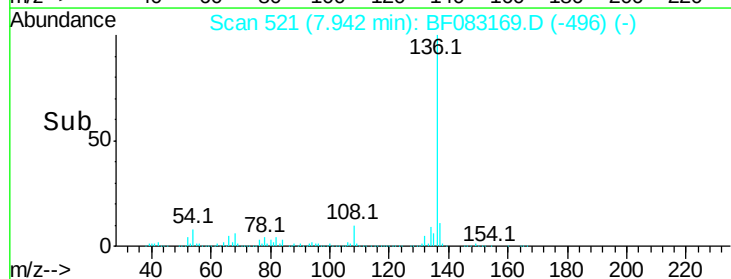
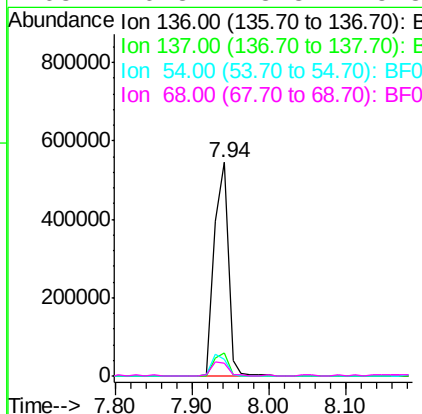
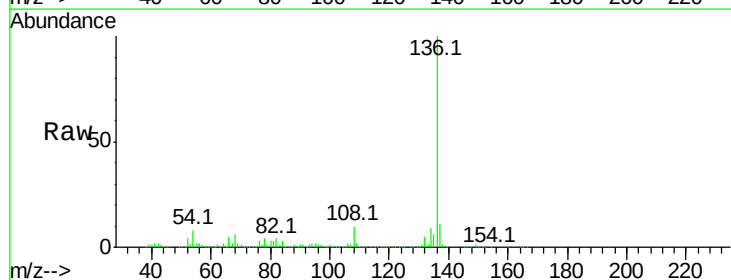
Instrument :
BNA_F
ClientSampleId :
MW-28

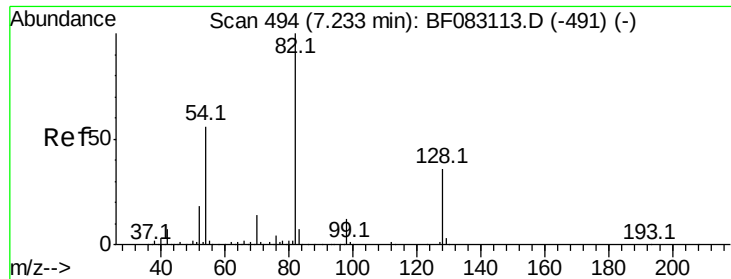
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.4	54.5	81.7#
101	0.0	6.6	9.8#
130	2.0	11.5	17.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083169.D
Acq: 22 Nov 2015 20:12

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.0	5.8	8.6
68	6.3	3.8	5.8#





#23

Nitrobenzene-d5

Concen: 95.16 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083169.D

Acq: 22 Nov 2015 20:12

Instrument :

BNA_F

ClientSampleId :

MW-28

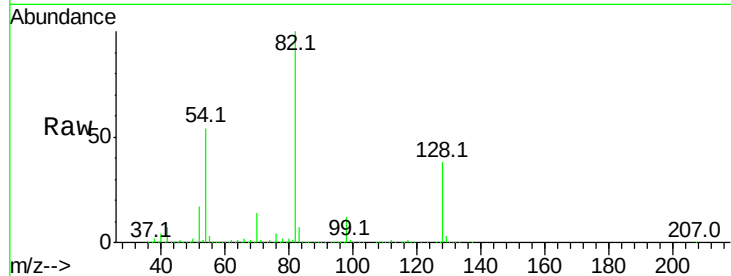
Tot Ion: 82 Resp: 1436543

Ion Ratio Lower Upper

82 100

128 38.3 28.5 42.7

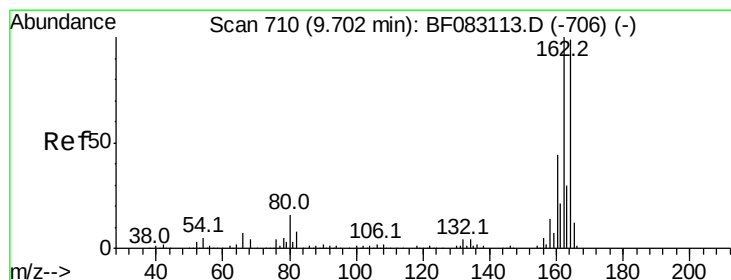
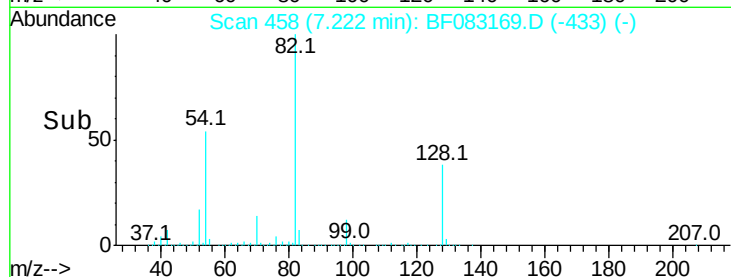
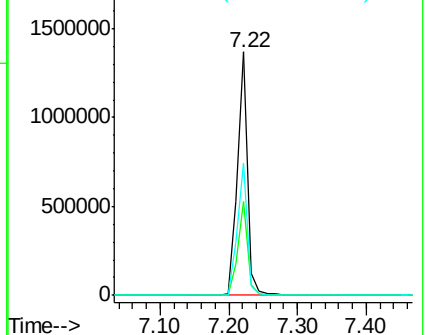
54 54.1 44.6 67.0



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: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083169.D

Acq: 22 Nov 2015 20:12

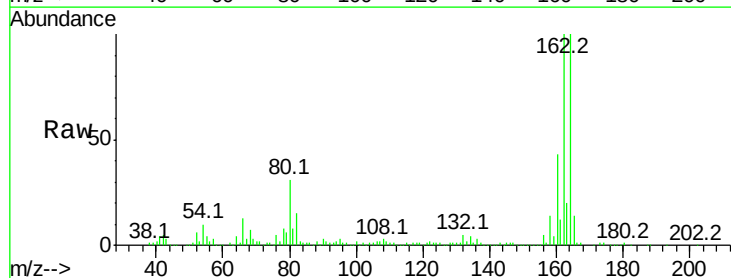
Tgt Ion:164 Resp: 341507

Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

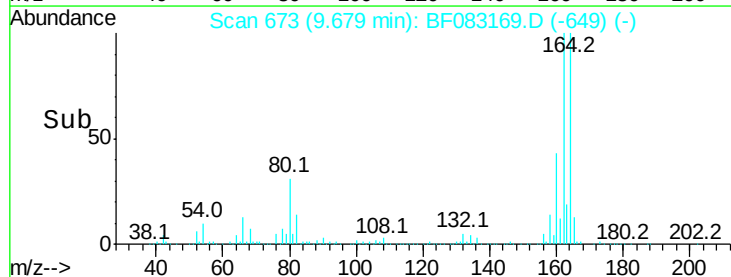
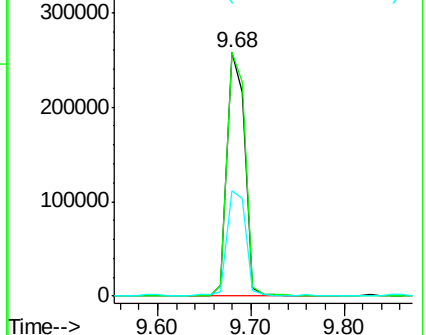
160 43.3 35.6 53.4

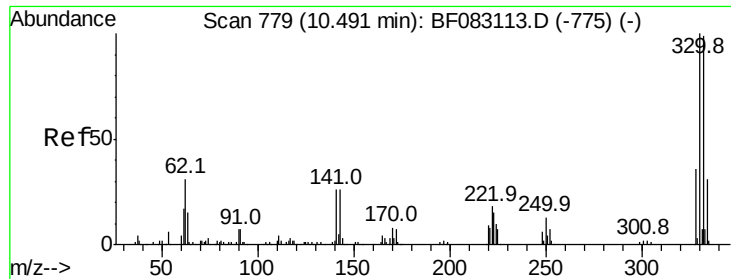


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

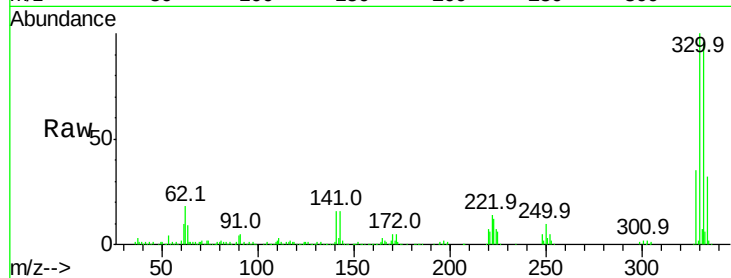




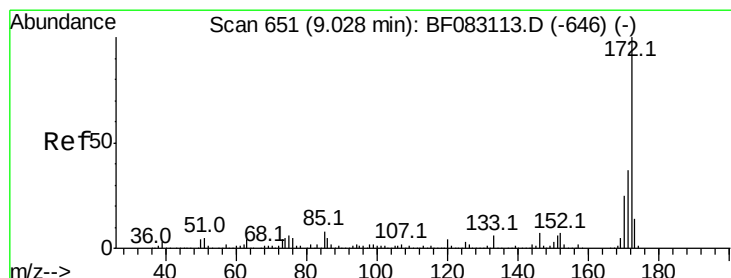
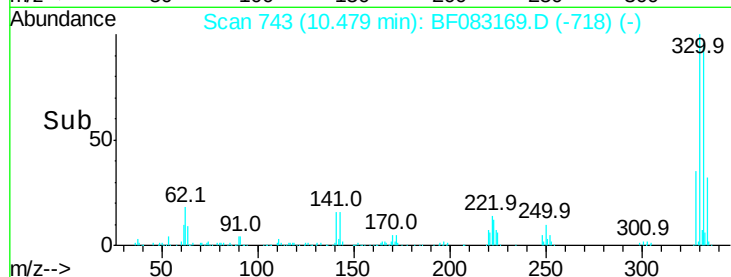
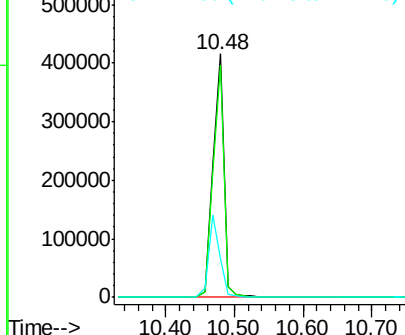
#41
 2,4,6-Tribromophenol
 Concen: 135.26 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083169.D
 Acq: 22 Nov 2015 20:12

Instrument :
 BNA_F
 ClientSampled :
 MW-28

Tot Ion:330 Resp: 472578
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.7 116.5
 141 33.6 29.7 44.5

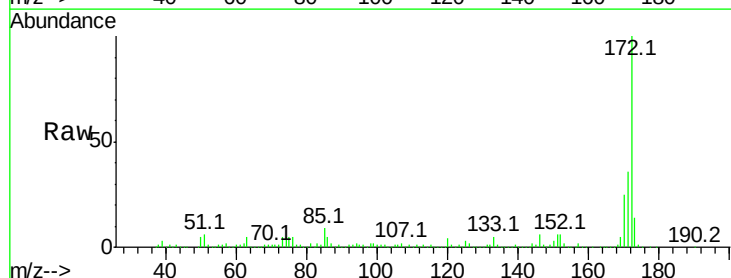


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

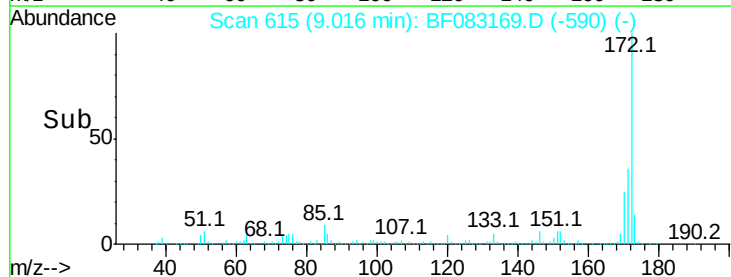
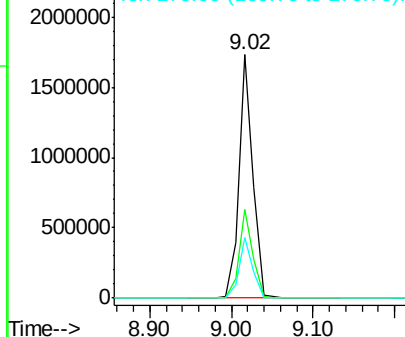


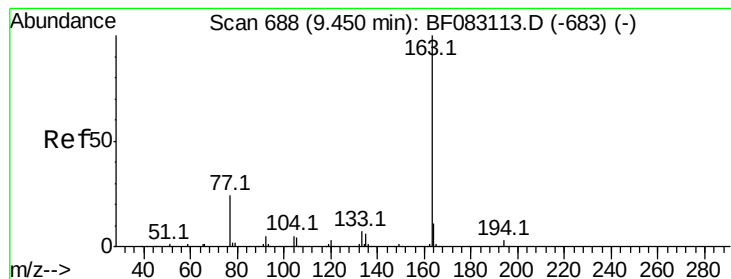
#44
 2-Fluorobiphenyl
 Concen: 83.52 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083169.D
 Acq: 22 Nov 2015 20:12

Tgt Ion:172 Resp: 2045520
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.5 44.3
 170 24.6 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: 2.24 ng

RT: 9.42 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF083169.D

Acq: 22 Nov 2015 20:12

Instrument :

BNA_F

ClientSampleId :

MW-28

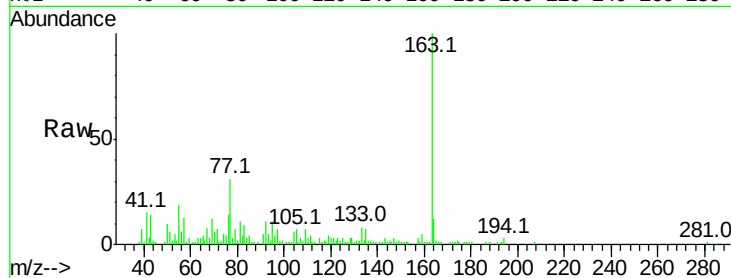
Tot Ion:163 Resp: 58811

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

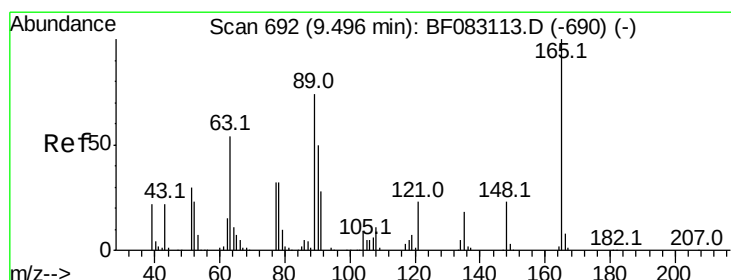
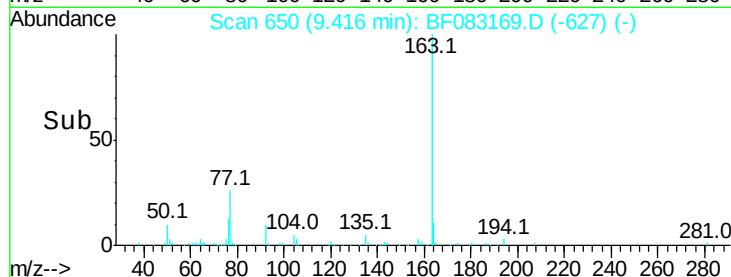
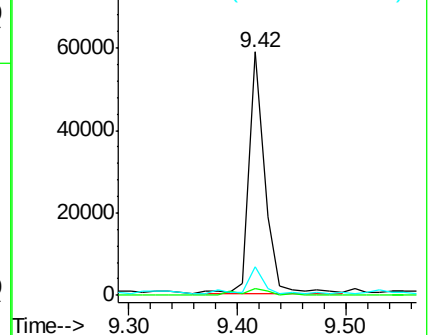
164 11.7 8.6 12.8



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



#50

2,6-Dinitrotoluene

Concen: 7.37 ng

RT: 9.68 min Scan# 673

Delta R.T. 0.18 min

Lab File: BF083169.D

Acq: 22 Nov 2015 20:12

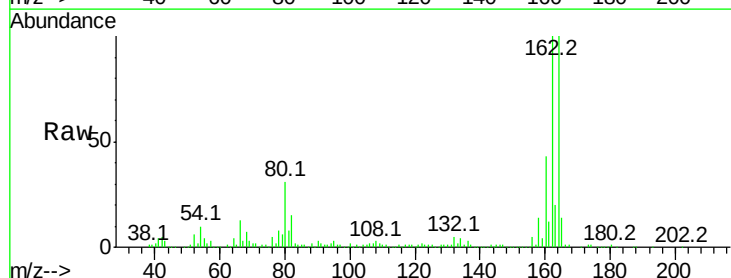
Tgt Ion:165 Resp: 43484

Ion Ratio Lower Upper

165 100

63 3.1 62.5 93.7#

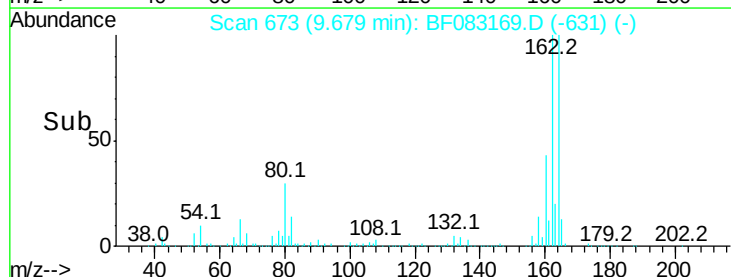
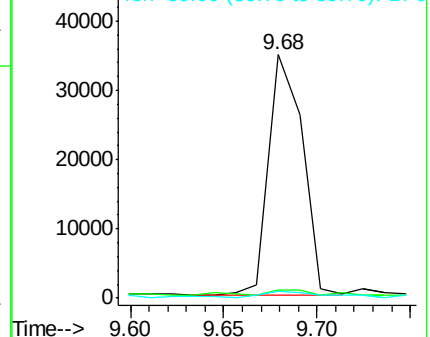
89 2.9 59.1 88.7#

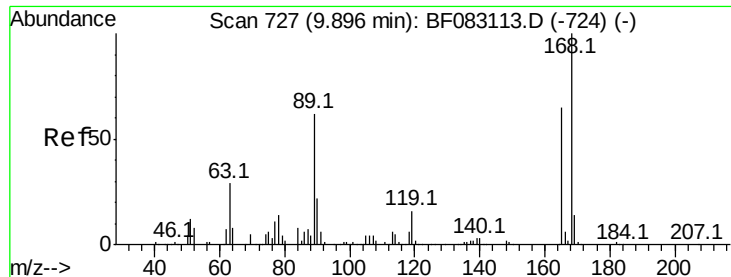


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.82 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.22 min

Lab File: BF083169.D

Acq: 22 Nov 2015 20:12

Instrument :

BNA_F

ClientSampleId :

MW-28

Tot Ion:165 Resp: 43484

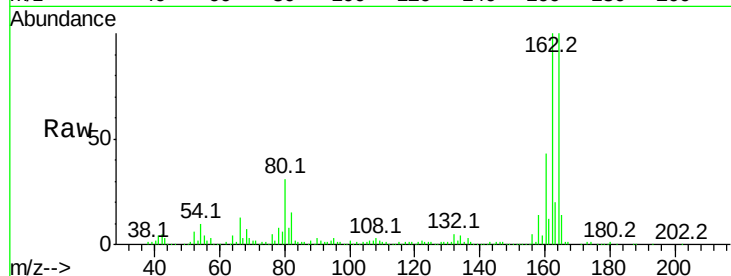
Ion Ratio Lower Upper

165 100

63 3.1 54.5 81.7#

89 2.9 77.3 115.9#

182 1.4 1.8 2.6#

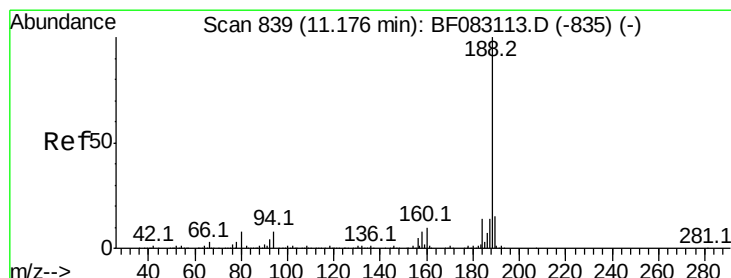
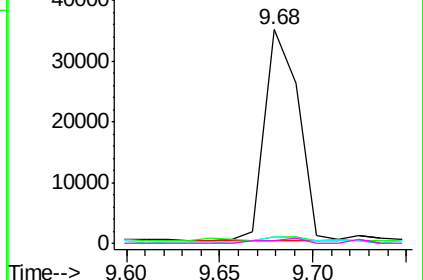
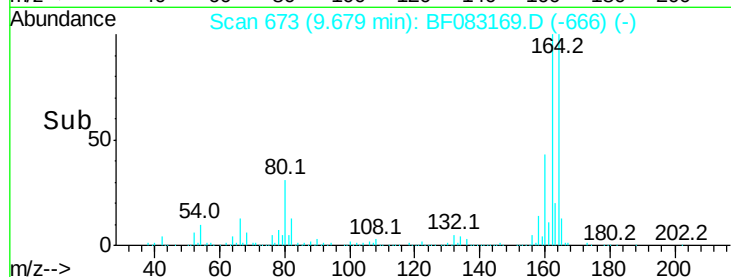


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF083169.D

Acq: 22 Nov 2015 20:12

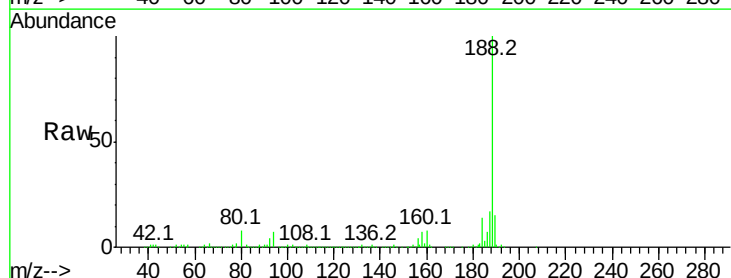
Tgt Ion:188 Resp: 636551

Ion Ratio Lower Upper

188 100

94 7.1 6.0 9.0

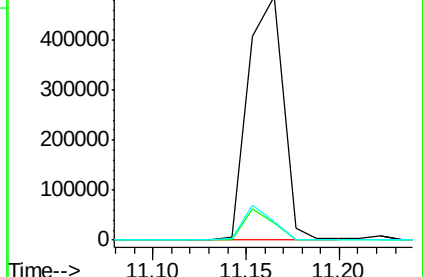
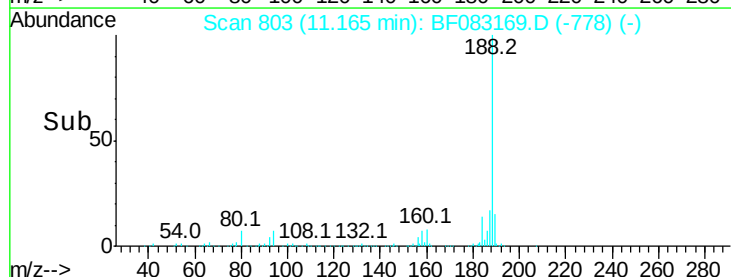
80 7.5 6.7 10.1

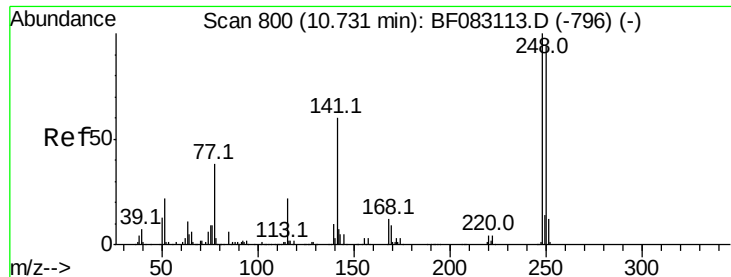


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

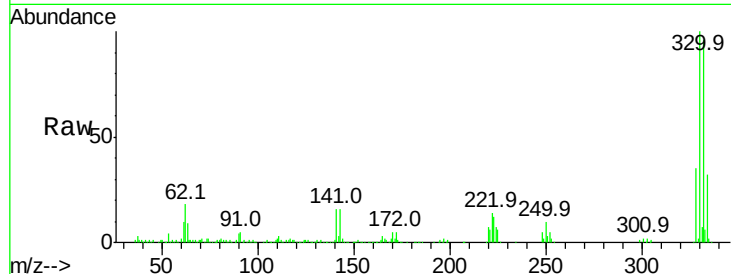




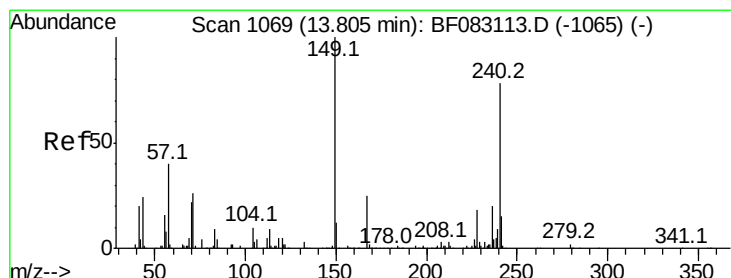
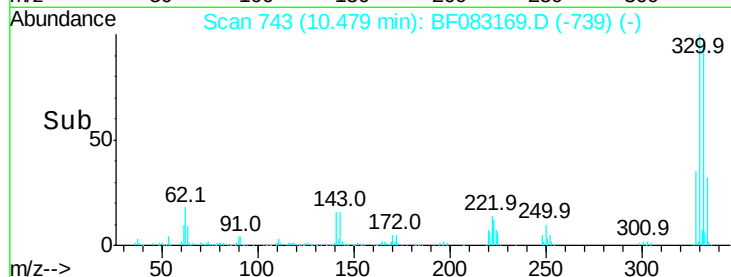
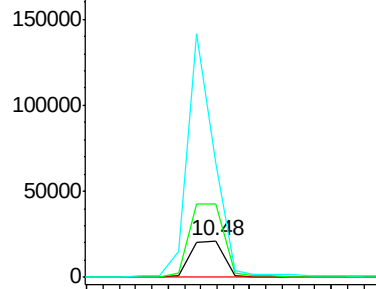
#66
 4-Bromophenyl-phenylether
 Concen: 4.35 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.25 min
 Lab File: BF083169.D
 Acq: 22 Nov 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Tot Ion:248 Resp: 30737
 Ion Ratio Lower Upper
 248 100
 250 199.1 75.4 113.2#
 141 310.5 48.1 72.1#

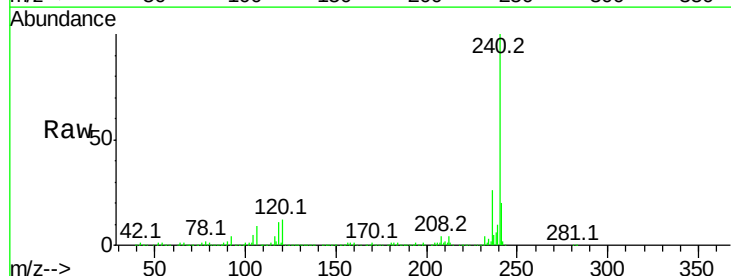


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

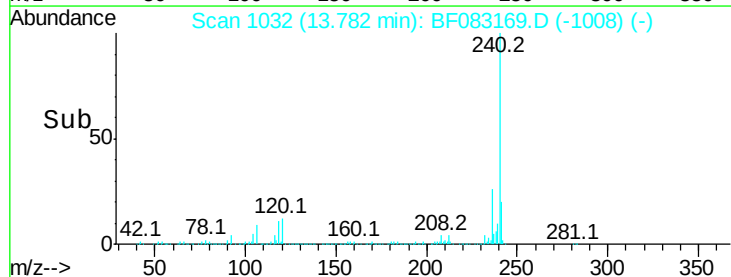
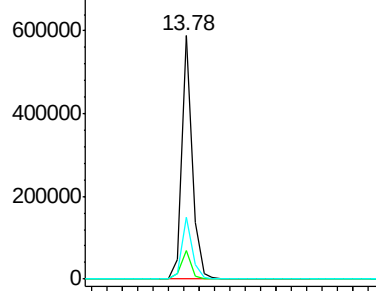


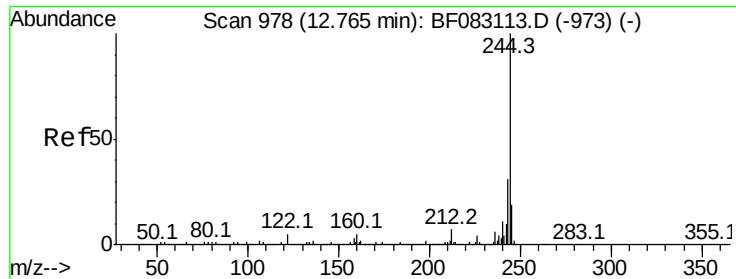
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF083169.D
 Acq: 22 Nov 2015 20:12

Tgt Ion:240 Resp: 551165
 Ion Ratio Lower Upper
 240 100
 120 12.0 5.4 8.2#
 236 25.6 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: 82.88 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083169.D

Acq: 22 Nov 2015 20:12

Instrument :

BNA_F

ClientSampleId :

MW-28

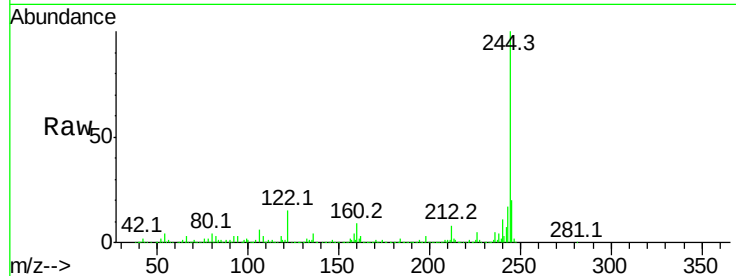
Tot Ion:244 Resp: 1939850

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

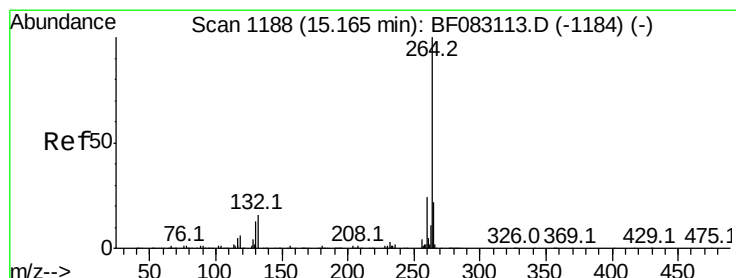
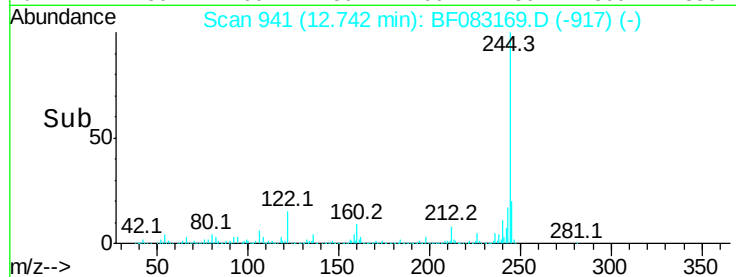
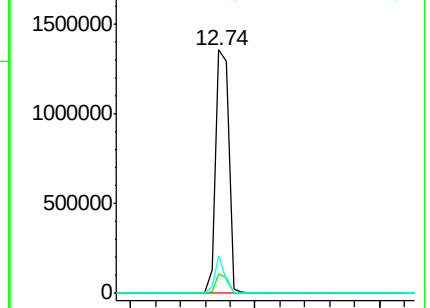
122 15.3 4.3 6.5#



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: BF083169.D

Acq: 22 Nov 2015 20:12

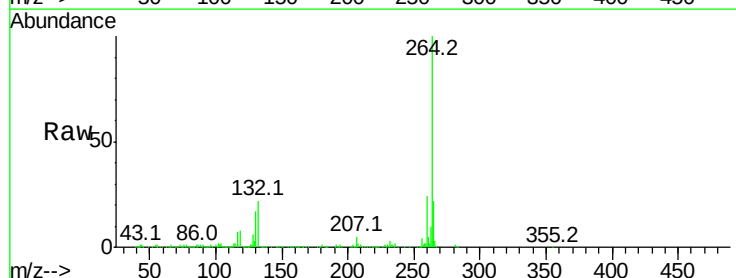
Tgt Ion:264 Resp: 434475

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 22.1 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

