

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083145.D
 Acq On : 22 Nov 2015 8:27
 Operator : UM/IZ
 Sample : G4505-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 02:59:18 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

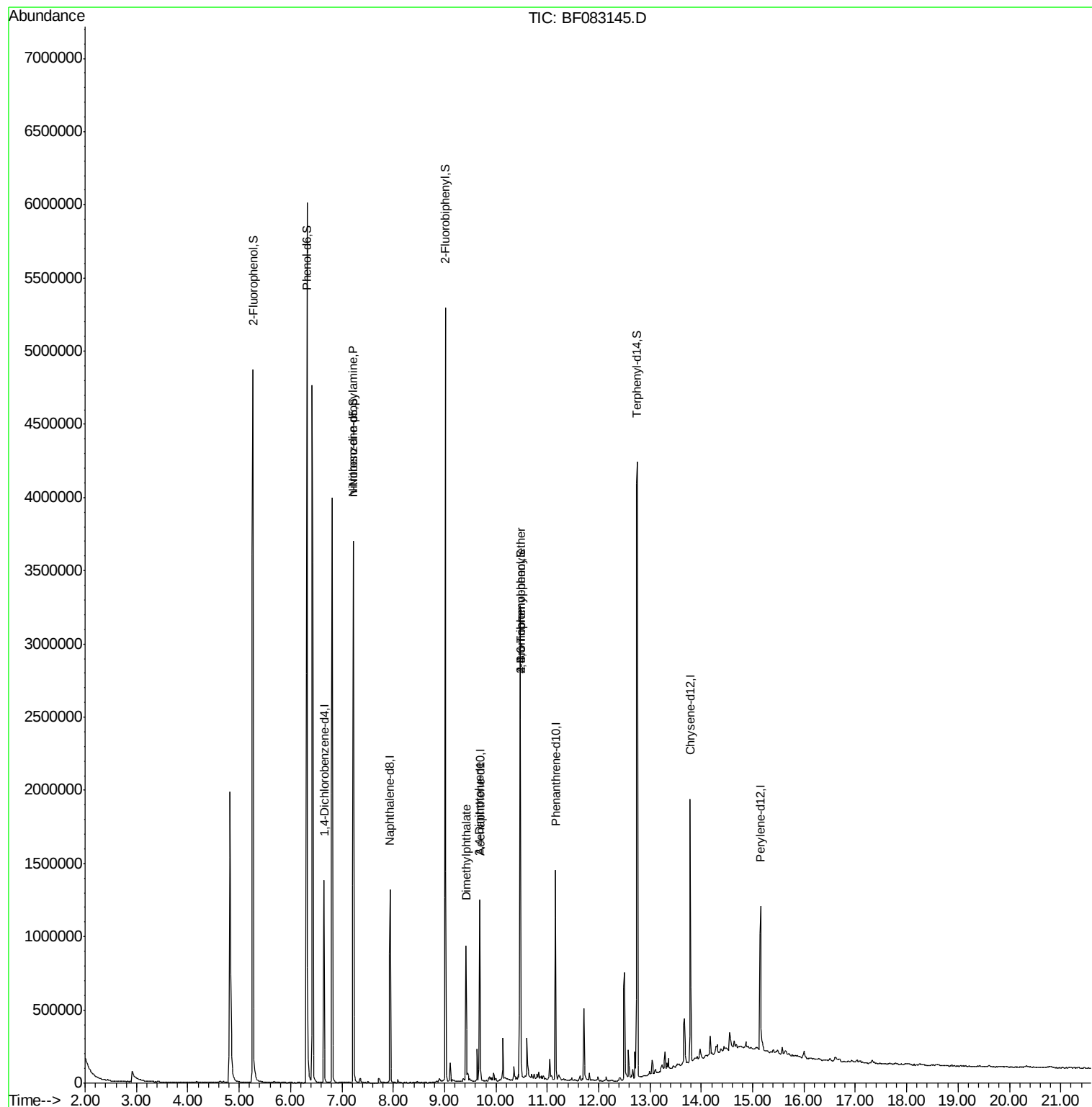
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	201392	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	764285	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	375882	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	714884	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	642153	20.00	ng	-0.02
86) Perylene-d12	15.15	264	522830	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1789469	134.34	ng	-0.01
7) Phenol-d6	6.32	99	2263254	131.31	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1351192	80.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	531163	138.13	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1808245	67.08	ng	-0.01
78) Terphenyl-d14	12.75	244	2030354	74.46	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.32	77	3347	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.22	70	188271	15.70	ng	# 75
49) Dimethylphthalate	9.42	163	386963	13.37	ng	99
56) 2,4-Dinitrotoluene	9.68	165	47772	5.81	ng	# 10
66) 4-Bromophenyl-phenylether	10.48	248	35224	4.44	ng	# 1

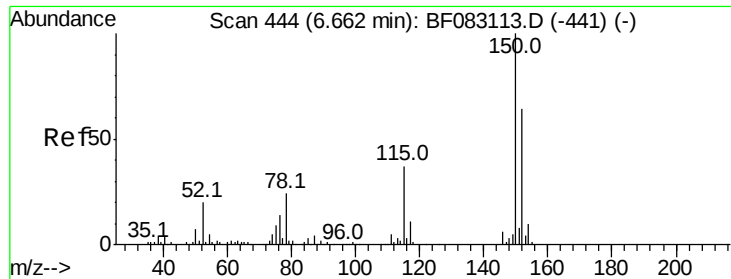
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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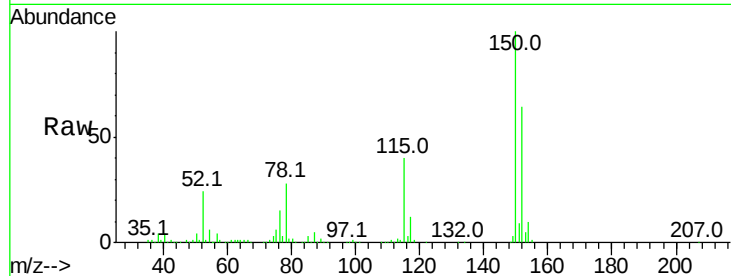


#1

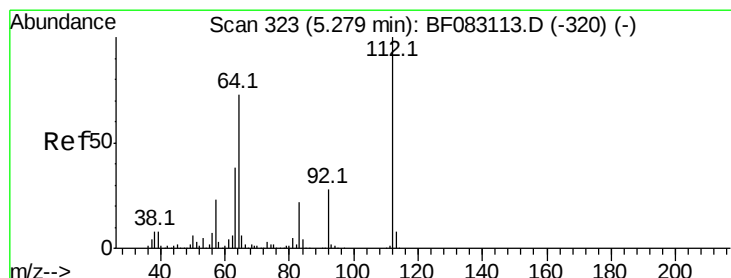
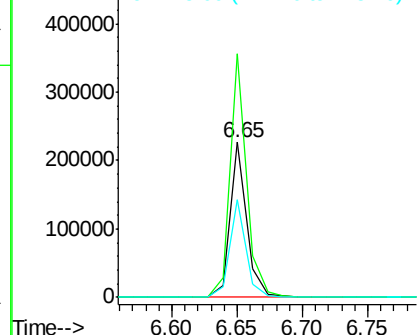
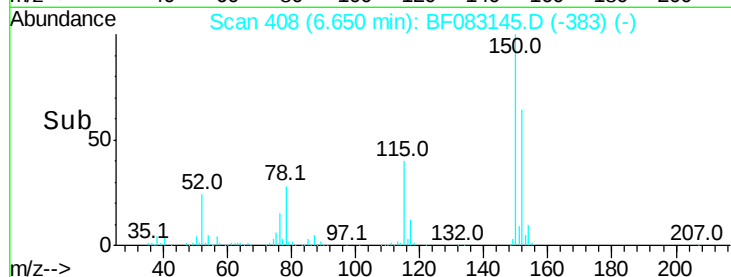
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083145.D
Acq: 22 Nov 2015 8:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 201392
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.8
115 63.2 46.9 70.3



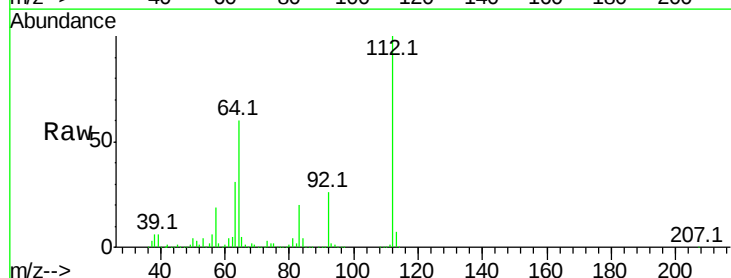
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



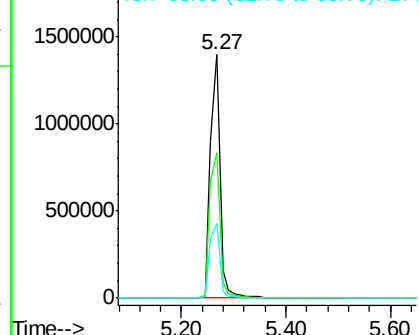
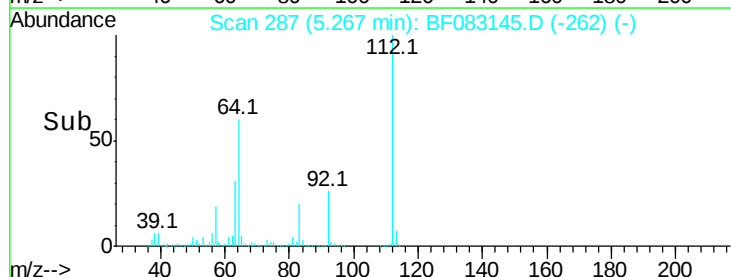
#5

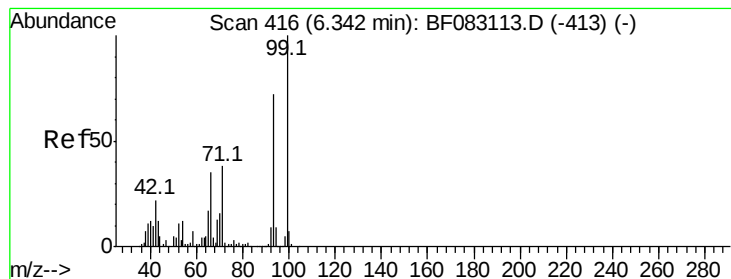
2-Fluorophenol
Concen: 134.34 ng
RT: 5.27 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF083145.D
Acq: 22 Nov 2015 8:27

Tgt Ion:112 Resp: 1789469
Ion Ratio Lower Upper
112 100
64 59.8 58.4 87.6
63 30.6 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: 131.31 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083145.D

Acq: 22 Nov 2015 8:27

Instrument :

BNA_F

ClientSampled :

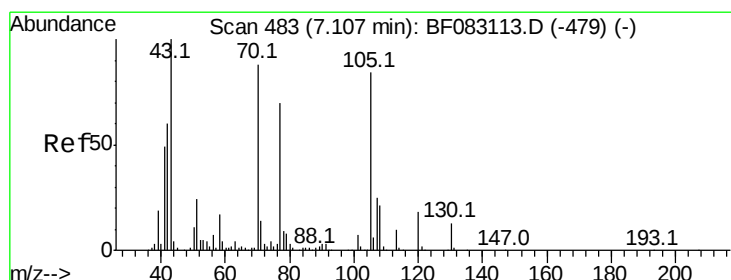
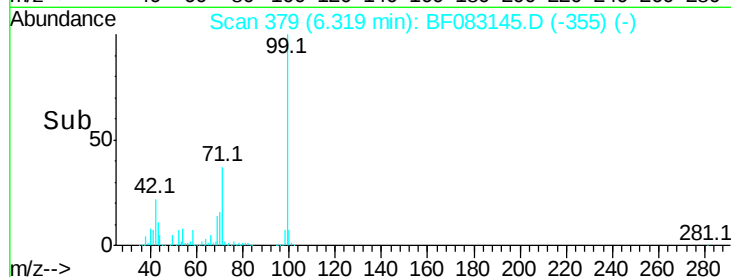
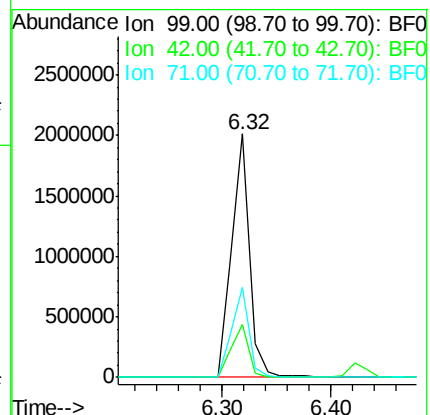
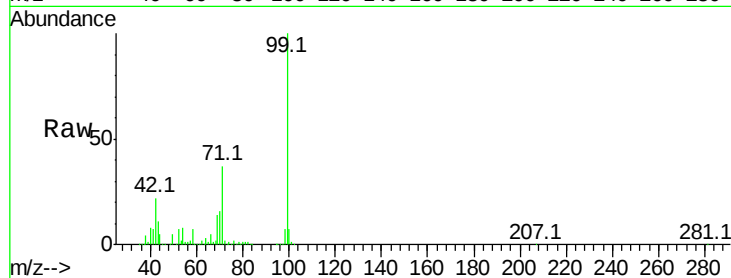
Tot Ion: 99 Resp: 2263254

Ion Ratio Lower Upper

99 100

42 21.5 17.7 26.5

71 36.7 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.70 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083145.D

Acq: 22 Nov 2015 8:27

Tgt Ion: 70 Resp: 188271

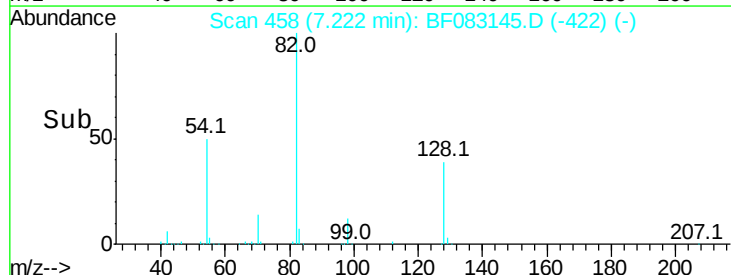
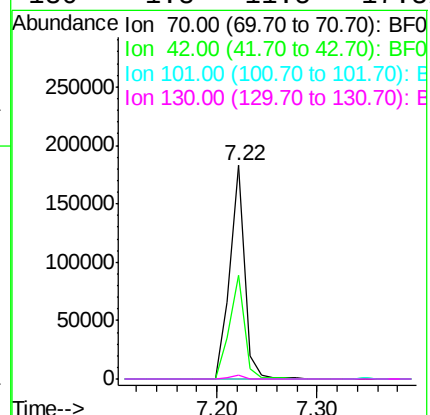
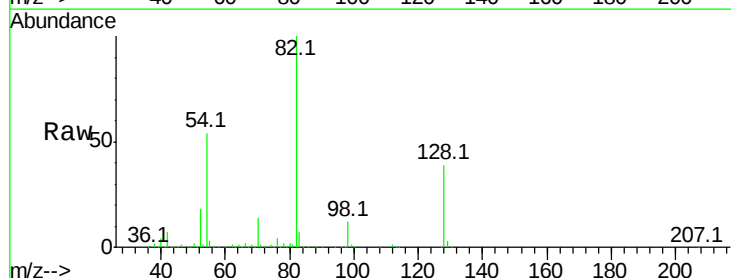
Ion Ratio Lower Upper

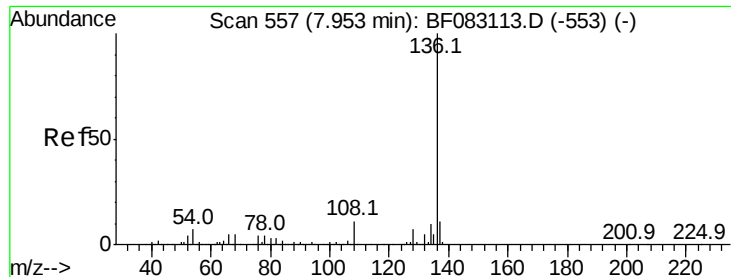
70 100

42 48.4 54.5 81.7#

101 0.0 6.6 9.8#

130 1.8 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: BF083145.D

Acq: 22 Nov 2015 8:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 764285

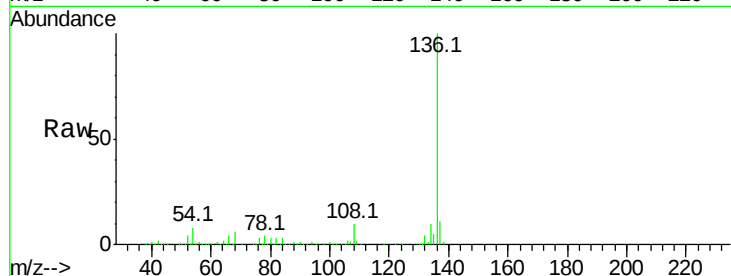
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.6 5.8 8.6

68 5.5 3.8 5.8

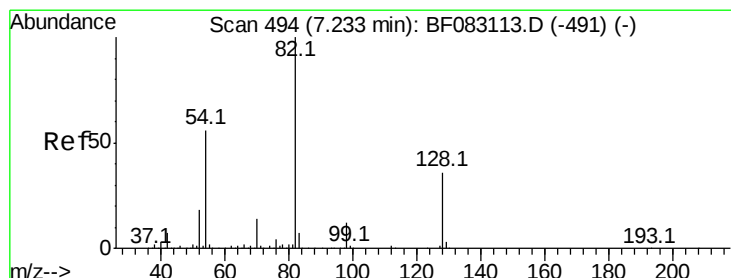
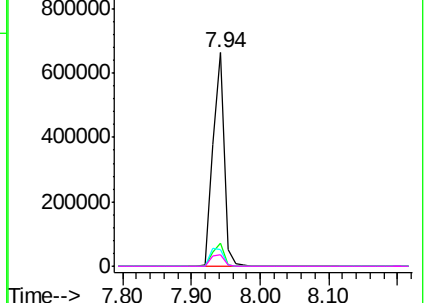
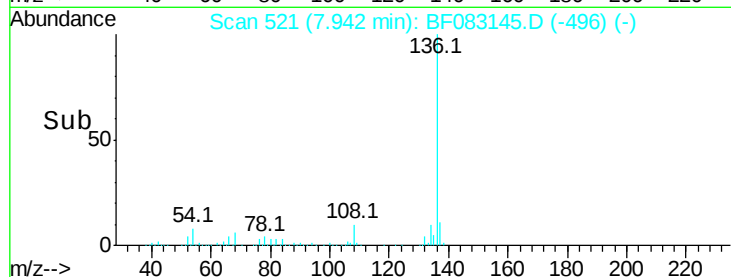


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 80.78 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083145.D

Acq: 22 Nov 2015 8:27

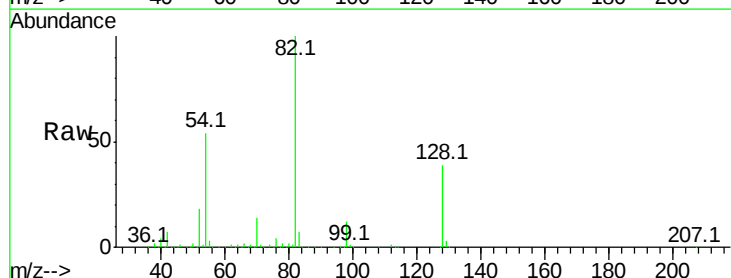
Tgt Ion: 82 Resp: 1351192

Ion Ratio Lower Upper

82 100

128 38.9 28.5 42.7

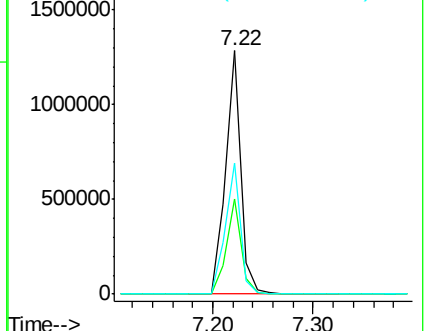
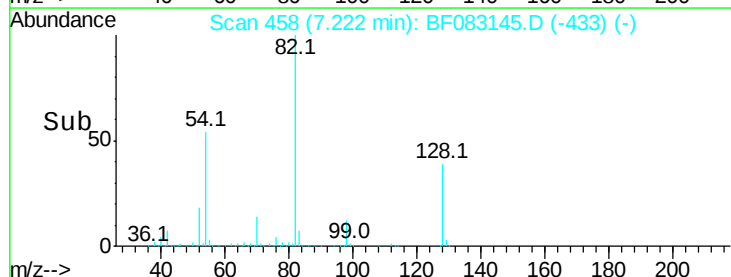
54 53.7 44.6 67.0

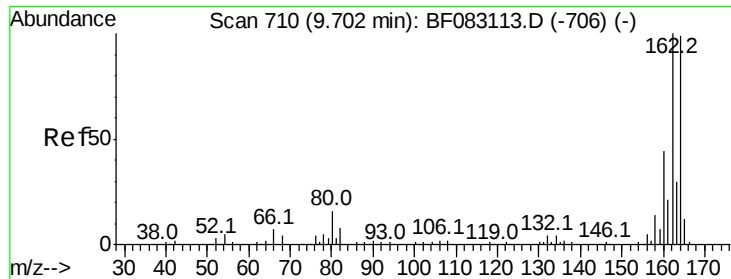


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

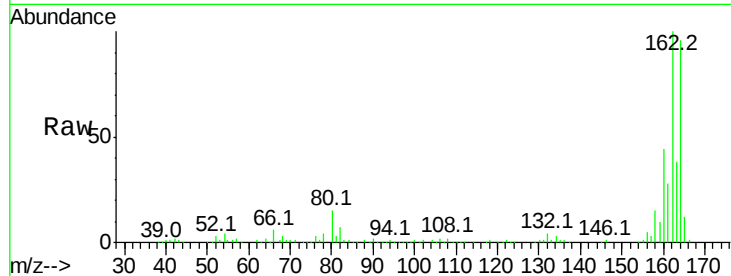




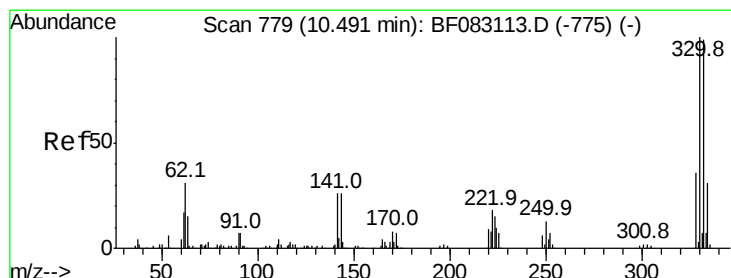
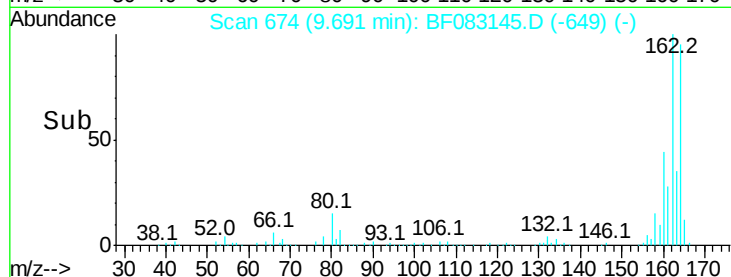
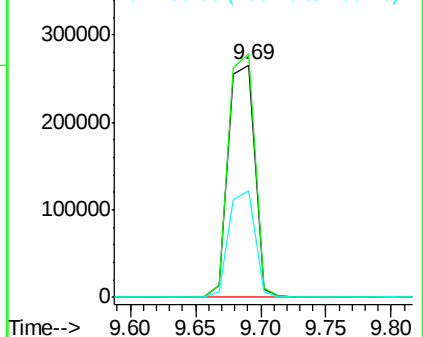
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083145.D
Acq: 22 Nov 2015 8:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 375882
Ion Ratio Lower Upper
164 100
162 104.7 81.2 121.8
160 45.6 35.6 53.4

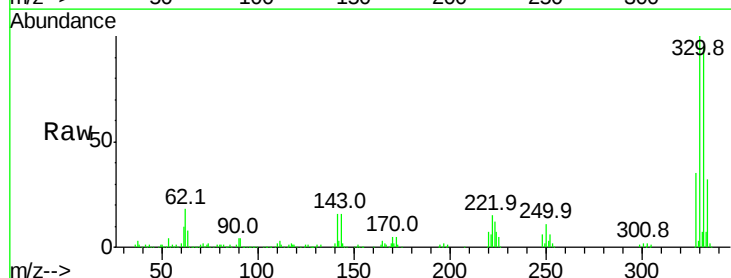


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

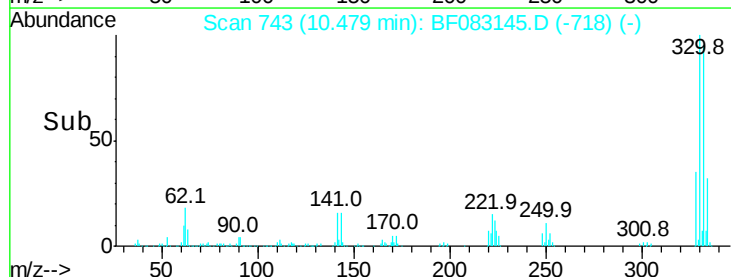
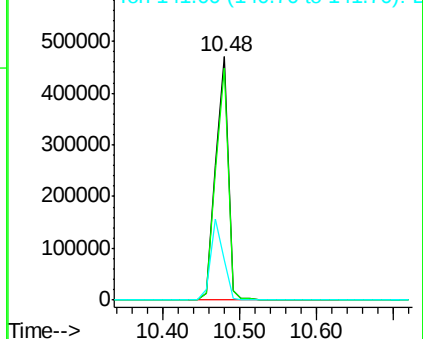


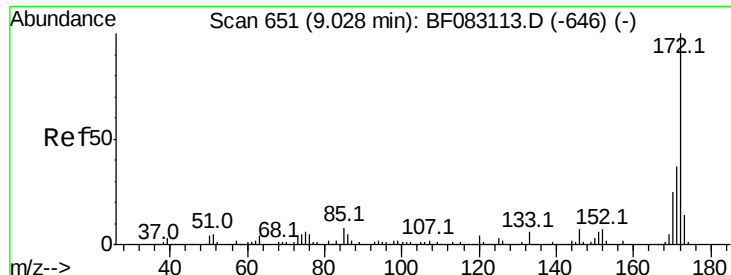
#41
2,4,6-Tribromophenol
Concen: 138.13 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083145.D
Acq: 22 Nov 2015 8:27

Tgt Ion:330 Resp: 531163
Ion Ratio Lower Upper
330 100
332 95.8 77.7 116.5
141 33.5 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

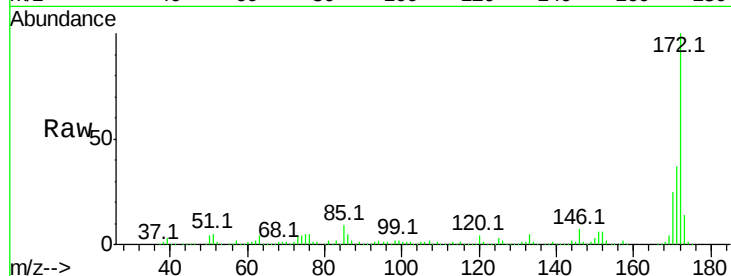




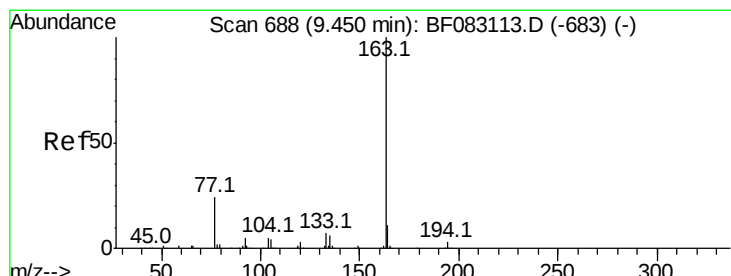
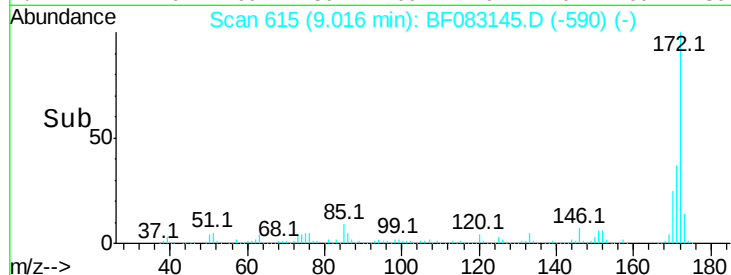
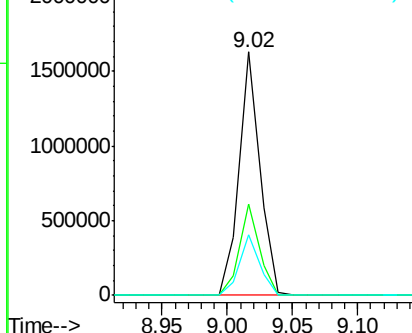
#44
 2-Fluorobiphenyl
 Concen: 67.08 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083145.D
 Acq: 22 Nov 2015 8:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1808245
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.5 44.3
 170 24.8 19.9 29.9

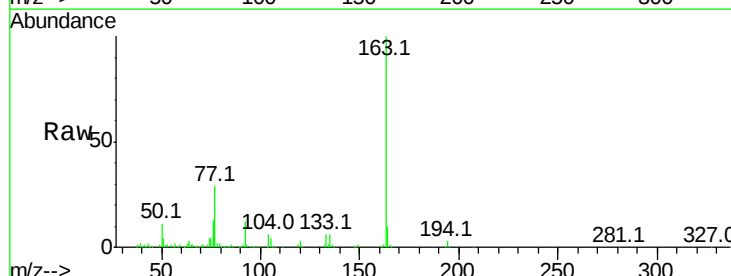


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

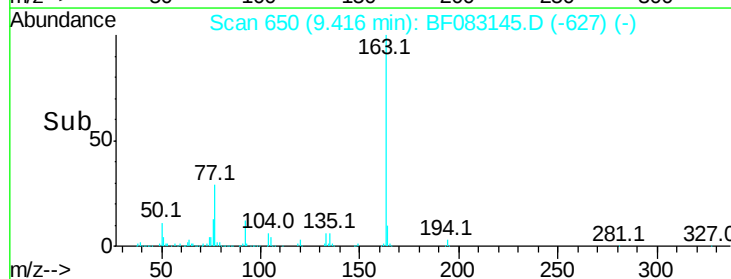
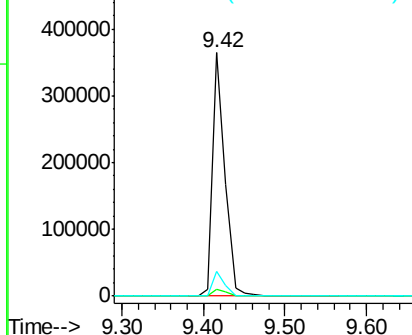


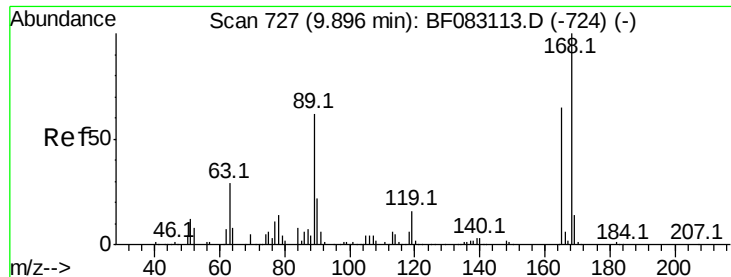
#49
 Dimethylphthalate
 Concen: 13.37 ng
 RT: 9.42 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF083145.D
 Acq: 22 Nov 2015 8:27

Tgt Ion:163 Resp: 386963
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 10.4 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

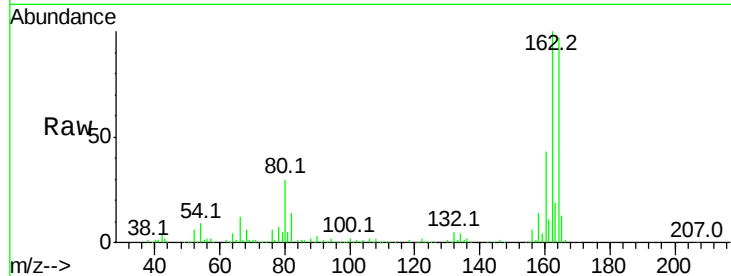




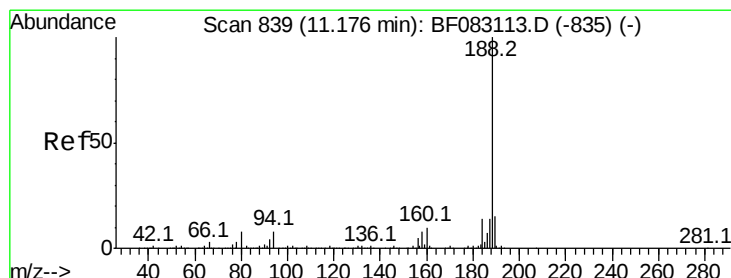
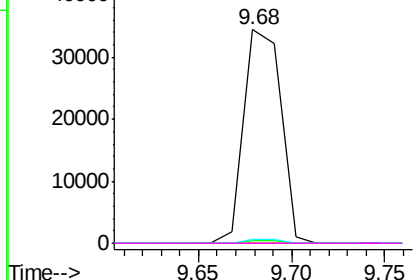
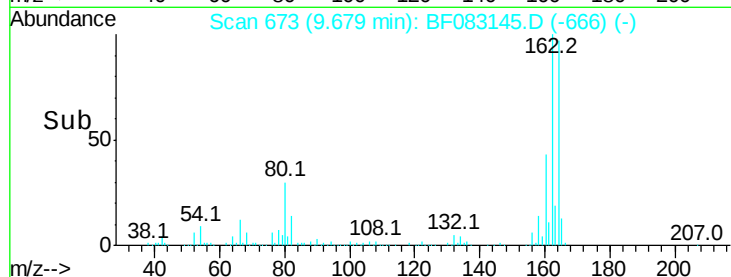
#56
2,4-Dinitrotoluene
Concen: 5.81 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.22 min
Lab File: BF083145.D
Acq: 22 Nov 2015 8:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 47772
Ion Ratio Lower Upper
165 100
63 1.2 54.5 81.7#
89 1.6 77.3 115.9#
182 0.0 1.8 2.6#

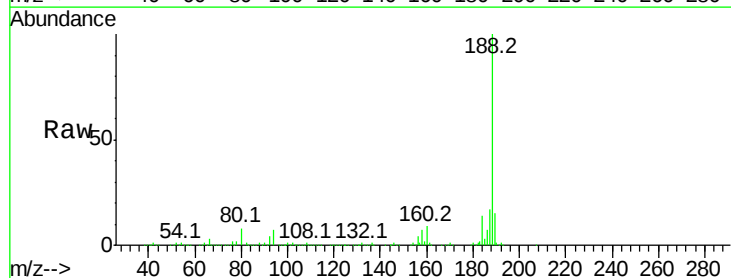


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

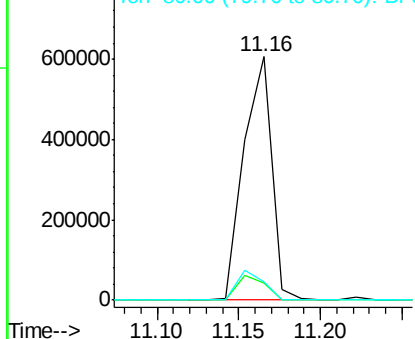
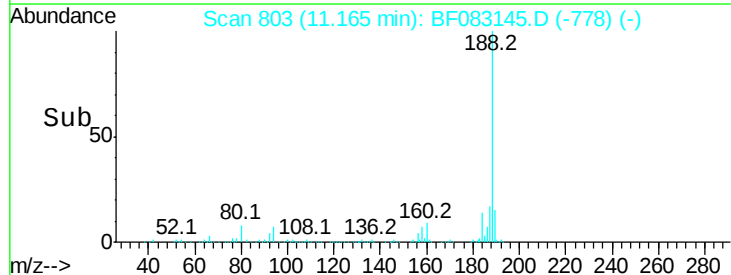


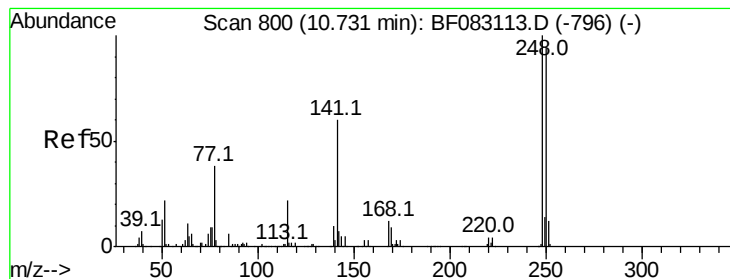
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083145.D
Acq: 22 Nov 2015 8:27

Tgt Ion:188 Resp: 714884
Ion Ratio Lower Upper
188 100
94 7.2 6.0 9.0
80 7.6 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: 4.44 ng

RT: 10.48 min Scan# 743

Delta R.T. -0.25 min

Lab File: BF083145.D

Acq: 22 Nov 2015 8:27

Instrument :

BNA_F

ClientSampleId :

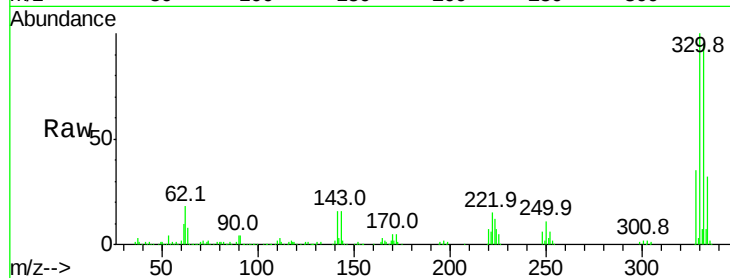
Tot Ion:248 Resp: 35224

Ion Ratio Lower Upper

248 100

250 194.5 75.4 113.2#

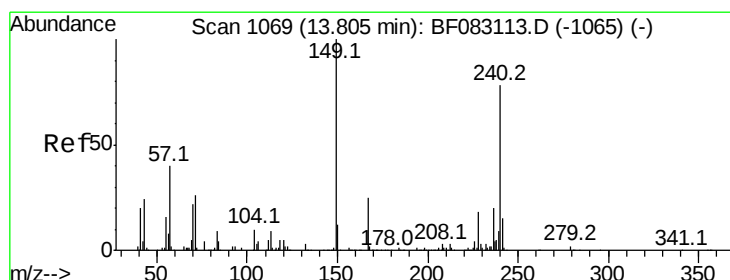
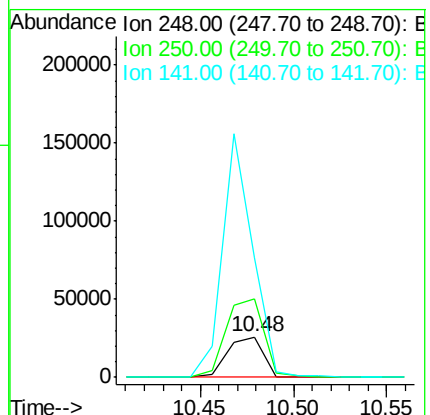
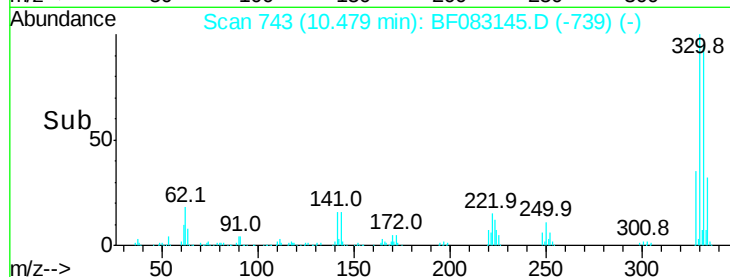
141 296.2 48.1 72.1#



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: BF083145.D

Acq: 22 Nov 2015 8:27

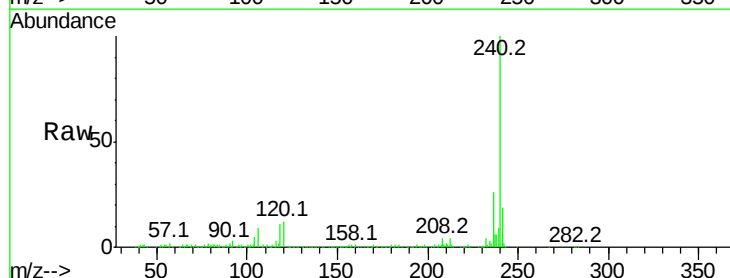
Tgt Ion:240 Resp: 642153

Ion Ratio Lower Upper

240 100

120 11.9 5.4 8.2#

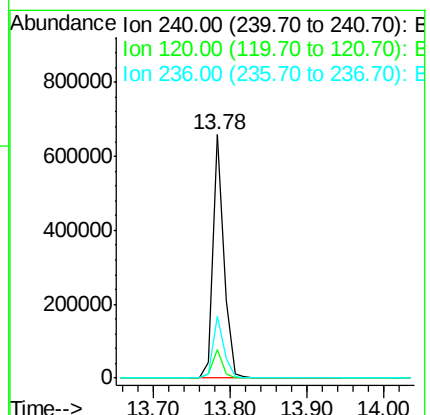
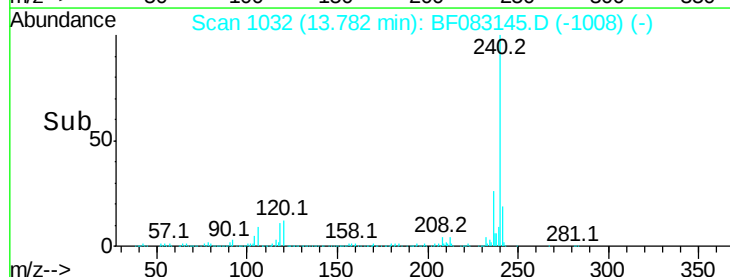
236 25.5 20.6 31.0

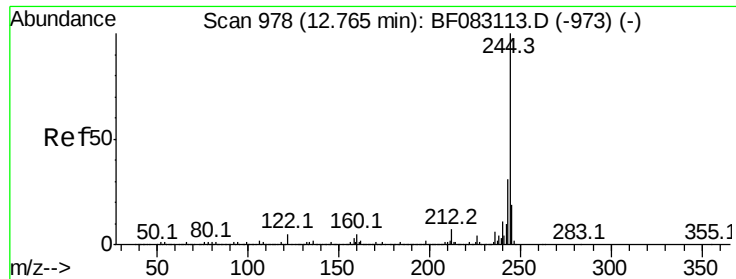


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.46 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083145.D

Acq: 22 Nov 2015 8:27

Instrument :

BNA_F

ClientSampleId :

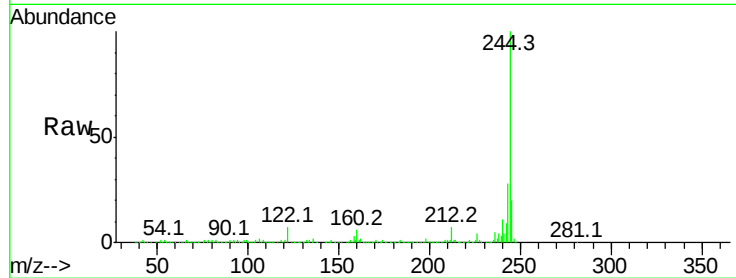
Tot Ion:244 Resp: 2030354

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

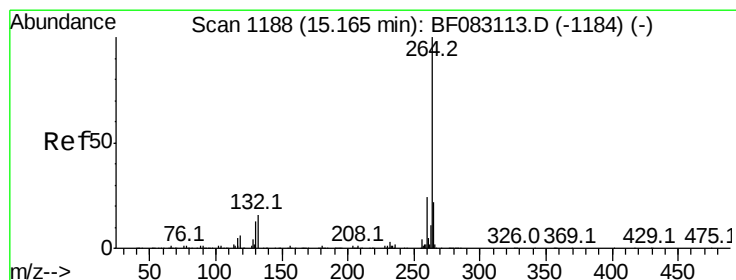
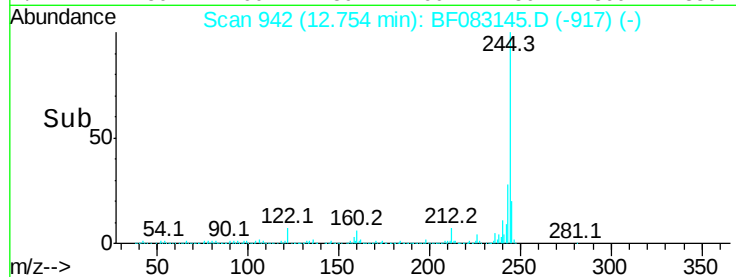
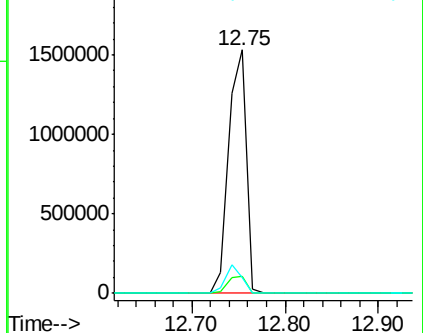
122 6.7 4.3 6.5#



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: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083145.D

Acq: 22 Nov 2015 8:27

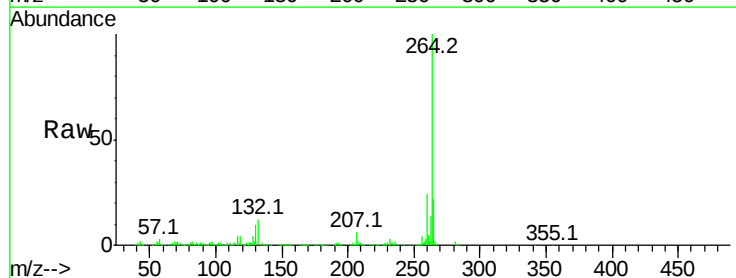
Tgt Ion:264 Resp: 522830

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 22.2 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

