

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083146.D
 Acq On : 22 Nov 2015 8:56
 Operator : UM/IZ
 Sample : G4505-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 02:59:28 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

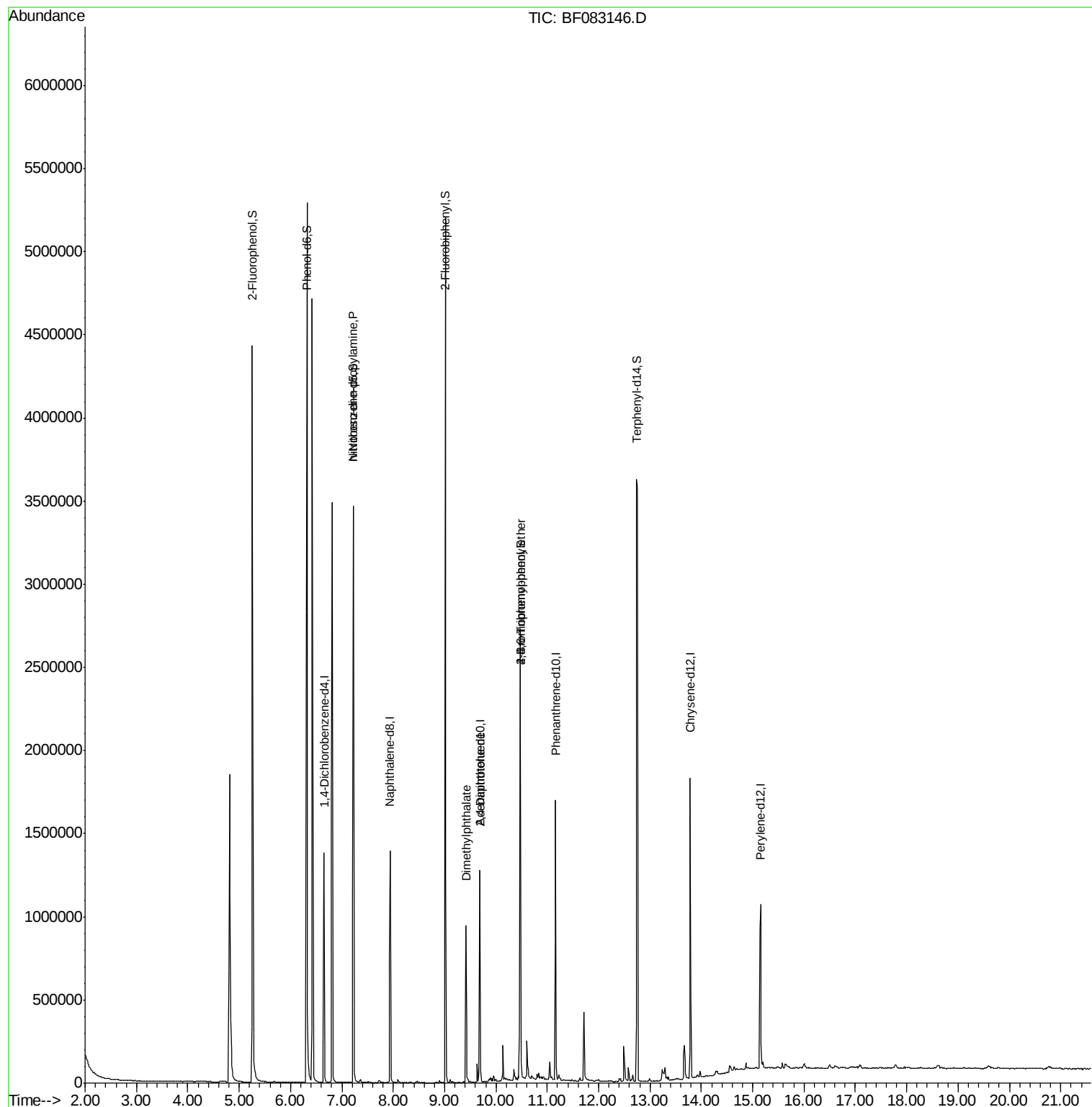
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	201569	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	758235	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	375045	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	717325	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	629818	20.00	ng	-0.02
86) Perylene-d12	15.15	264	542892	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1399634	104.98	ng	-0.02
7) Phenol-d6	6.32	99	2090761	121.20	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1251900	75.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	455671	118.76	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1685881	62.68	ng	-0.01
78) Terphenyl-d14	12.75	244	1767429	66.08	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.32	77	3002	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.22	70	167470	13.95	ng	# 76
49) Dimethylphthalate	9.42	163	389927	13.50	ng	100
56) 2,4-Dinitrotoluene	9.69	165	46629	5.68	ng	# 10
66) 4-Bromophenyl-phenylether	10.48	248	29160	3.66	ng	# 1

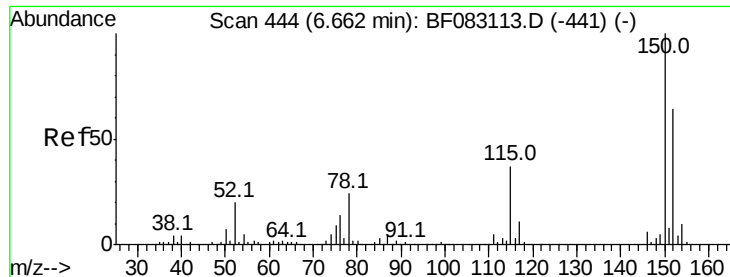
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083146.D
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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: BF083146.D

Acq: 22 Nov 2015 8:56

Instrument :

BNA_F

ClientSampled :

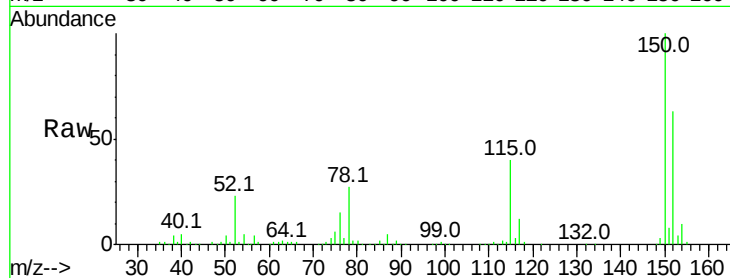
Tot Ion:152 Resp: 201569

Ion Ratio Lower Upper

152 100

150 159.0 125.8 188.8

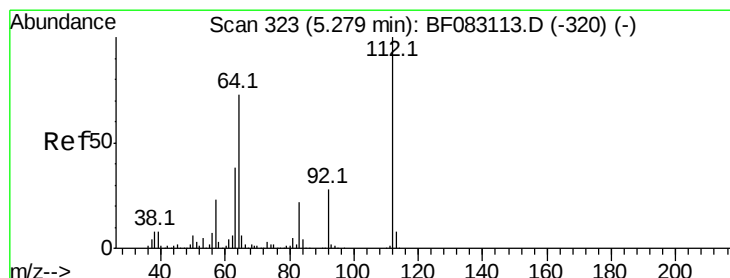
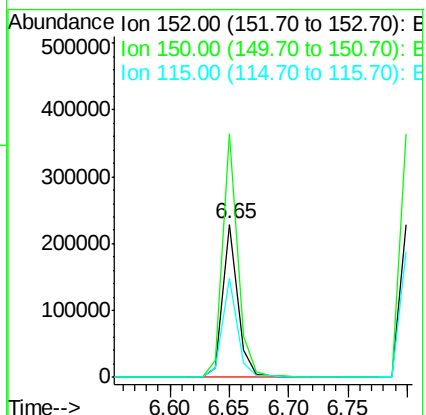
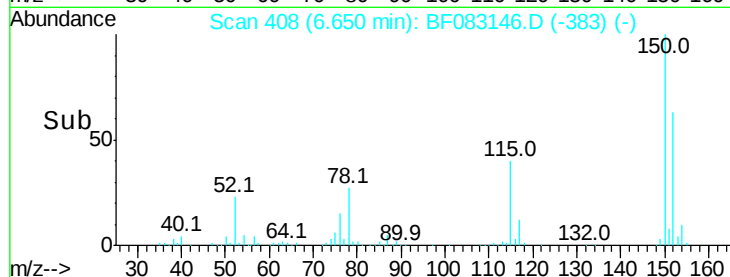
115 64.2 46.9 70.3



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: 104.98 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083146.D

Acq: 22 Nov 2015 8:56

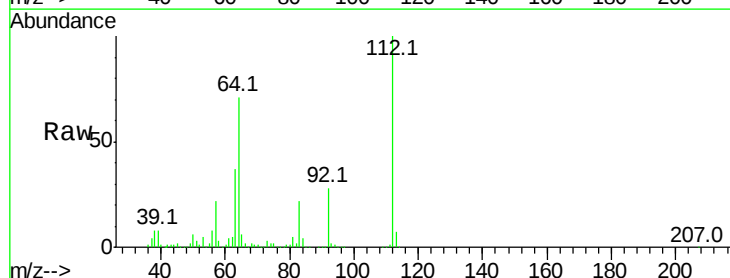
Tgt Ion:112 Resp: 1399634

Ion Ratio Lower Upper

112 100

64 71.4 58.4 87.6

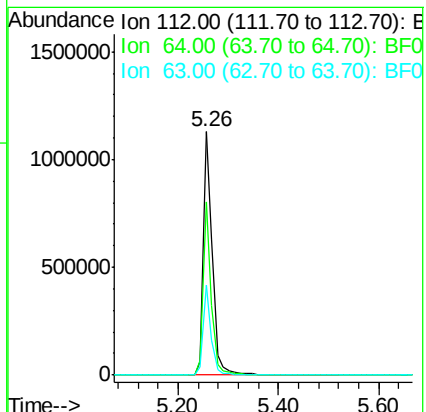
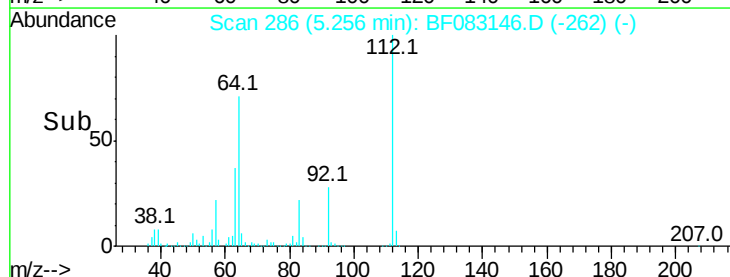
63 36.8 30.0 45.0

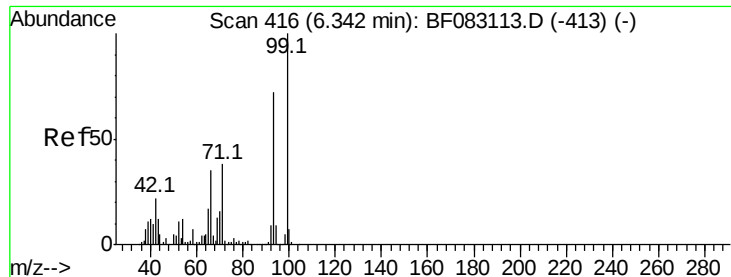


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.20 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083146.D

Acq: 22 Nov 2015 8:56

Instrument :

BNA_F

ClientSampled :

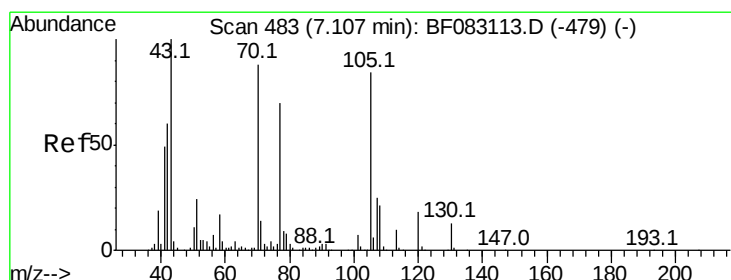
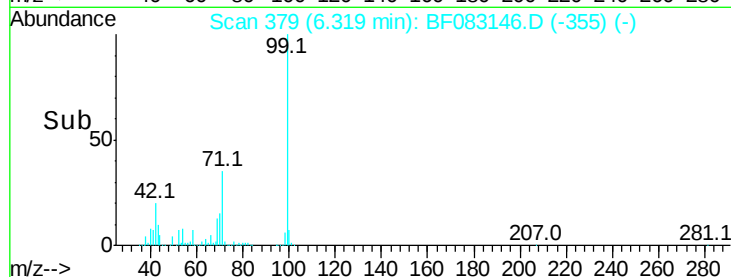
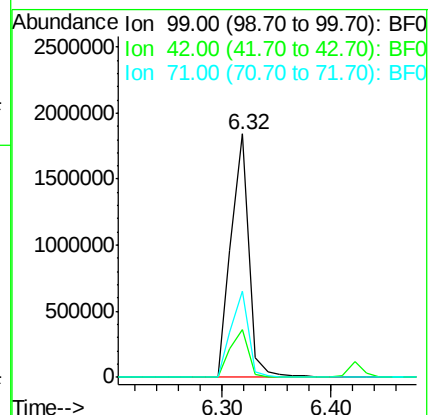
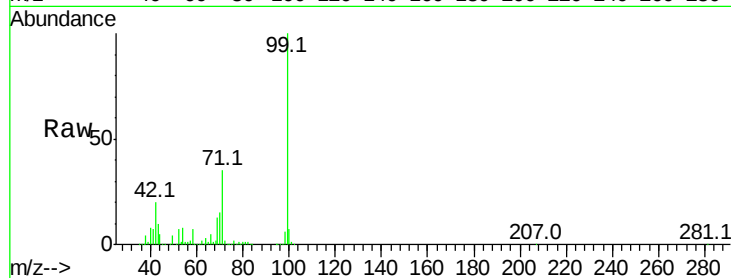
Tot Ion: 99 Resp: 2090761

Ion Ratio Lower Upper

99 100

42 19.6 17.7 26.5

71 35.2 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.95 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083146.D

Acq: 22 Nov 2015 8:56

Tgt Ion: 70 Resp: 167470

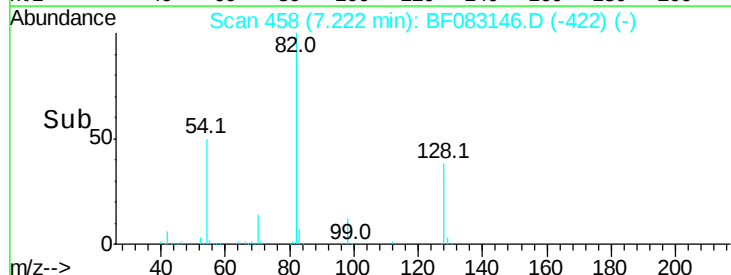
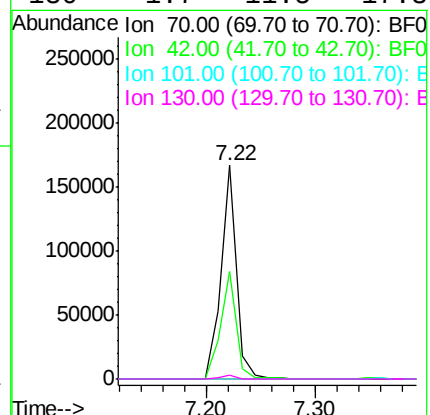
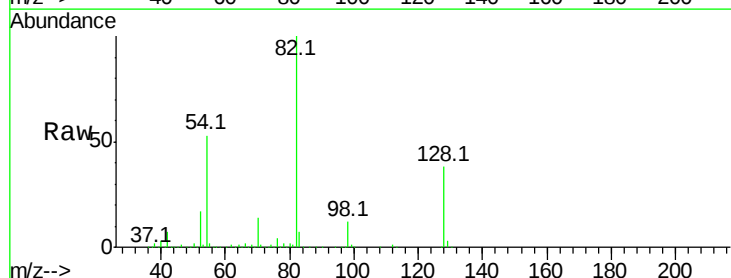
Ion Ratio Lower Upper

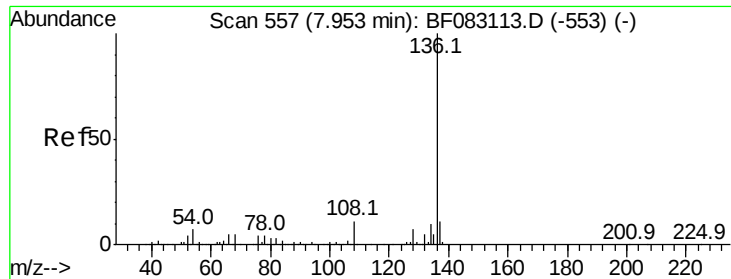
70 100

42 50.3 54.5 81.7#

101 0.0 6.6 9.8#

130 1.7 11.5 17.3#

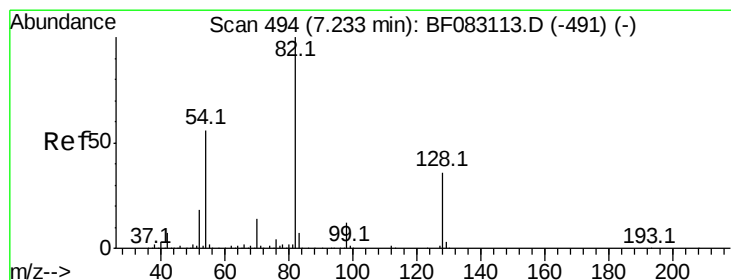
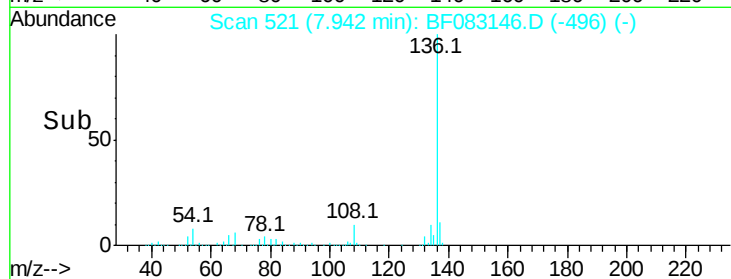
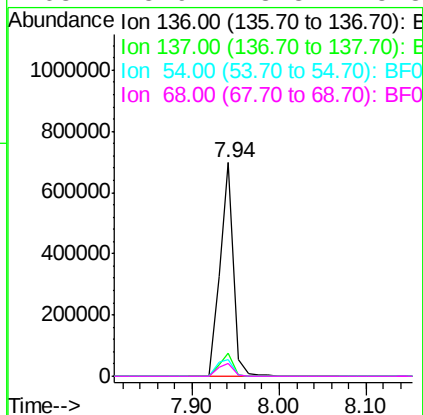
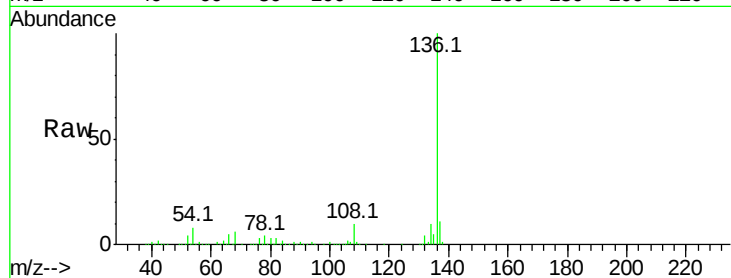




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083146.D
Acq: 22 Nov 2015 8:56

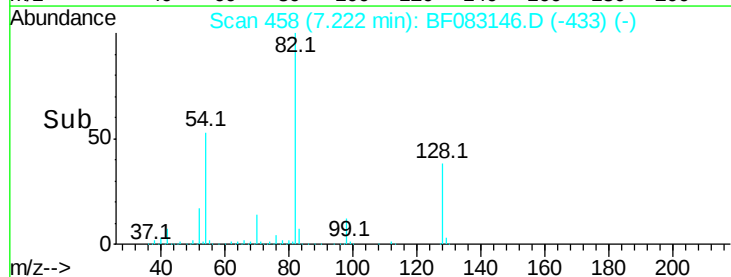
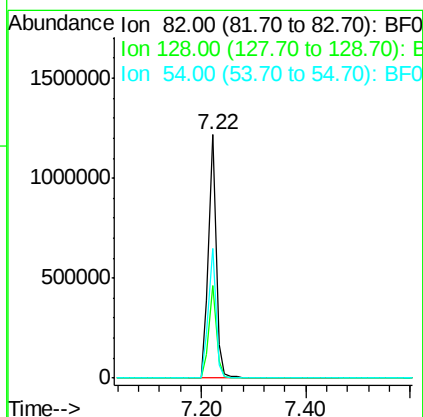
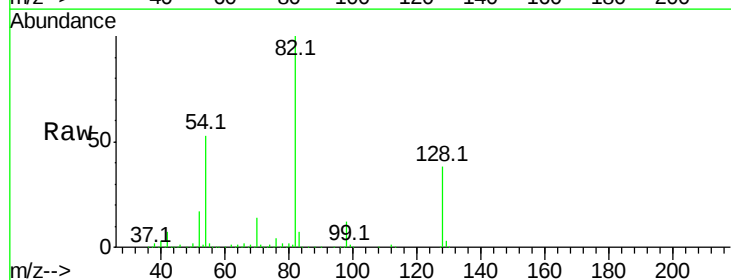
Instrument :
BNA_F
ClientSampleId :

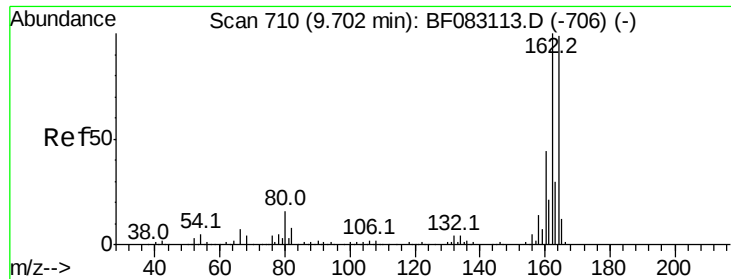
Tot Ion:136	Resp: 758235
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 7.6	5.8 8.6
68 5.9	3.8 5.8#



#23
Nitrobenzene-d5
Concen: 75.44 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083146.D
Acq: 22 Nov 2015 8:56

Tgt Ion: 82	Resp: 1251900
Ion Ratio	Lower Upper
82 100	
128 38.2	28.5 42.7
54 53.5	44.6 67.0

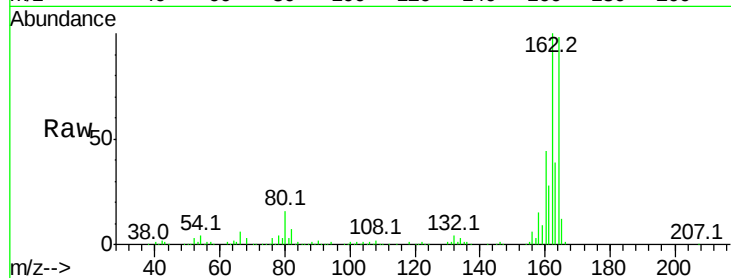




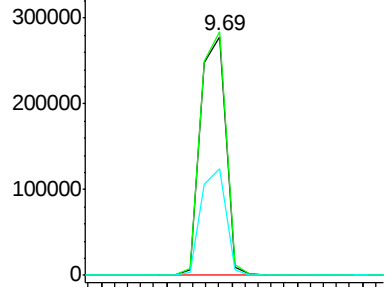
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083146.D
 Acq: 22 Nov 2015 8:56

Instrument :
 BNA_F
 ClientSampleId :

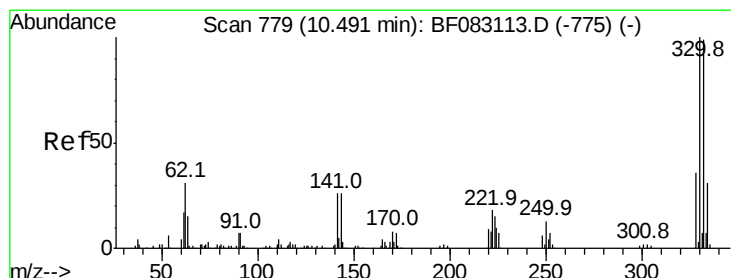
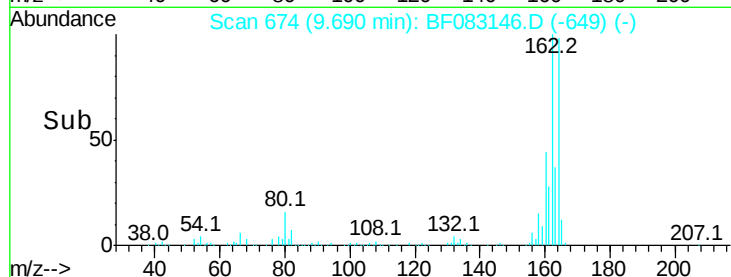
Tot Ion:164 Resp: 375045
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.2 121.8
 160 44.8 35.6 53.4



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

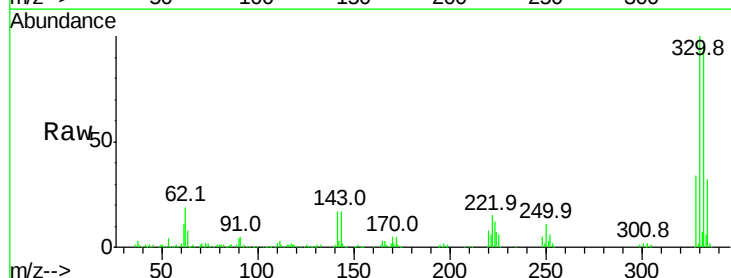


Time--> 9.60 9.65 9.70 9.75 9.80

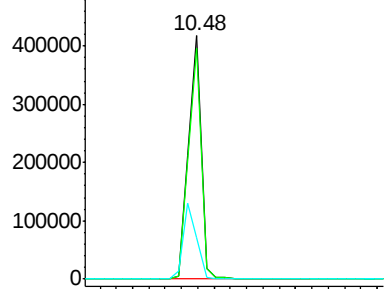


#41
 2,4,6-Tribromophenol
 Concen: 118.76 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083146.D
 Acq: 22 Nov 2015 8:56

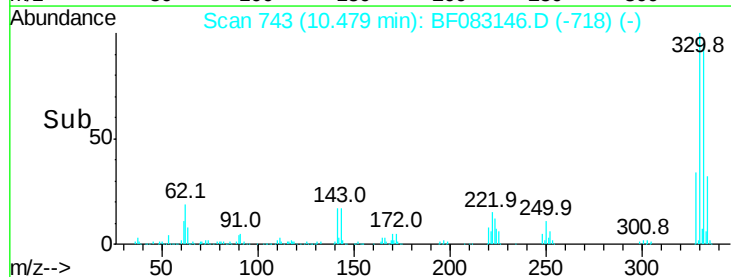
Tgt Ion:330 Resp: 455671
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.7 116.5
 141 33.4 29.7 44.5

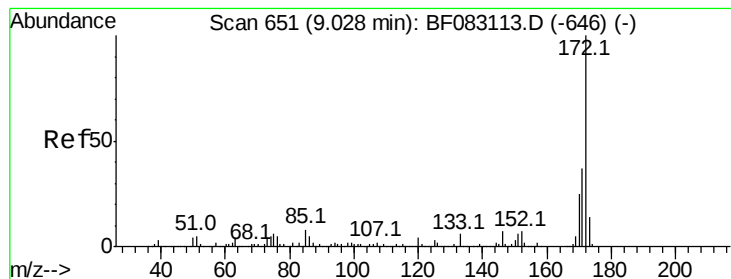


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



Time--> 10.40 10.50 10.60



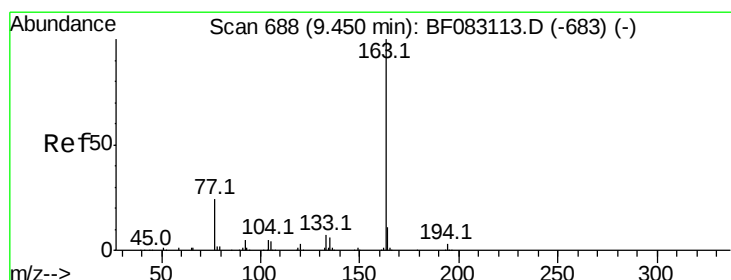
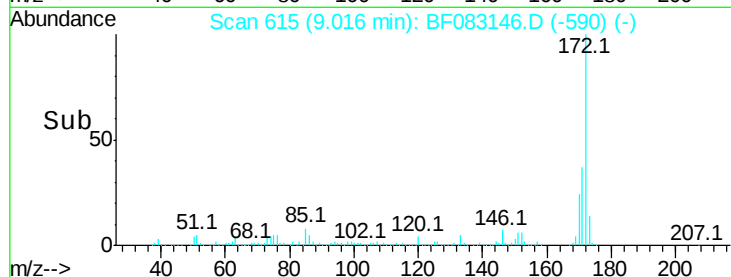
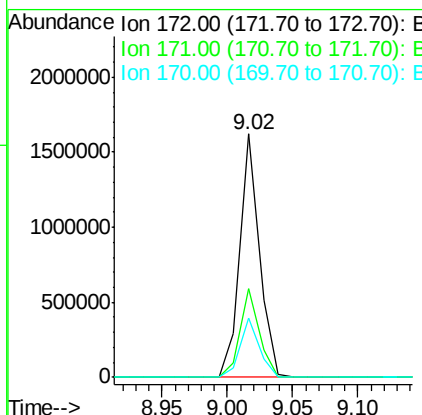
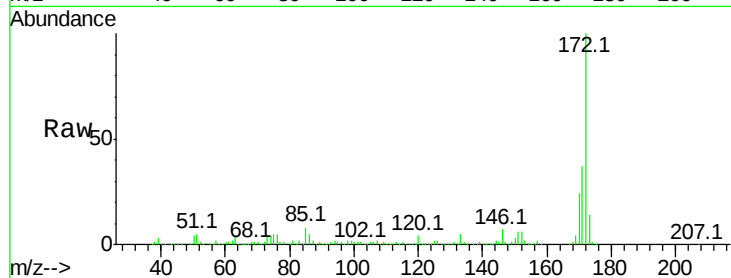


#44
 2-Fluorobiphenyl
 Concen: 62.68 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083146.D
 Acq: 22 Nov 2015 8:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1685881

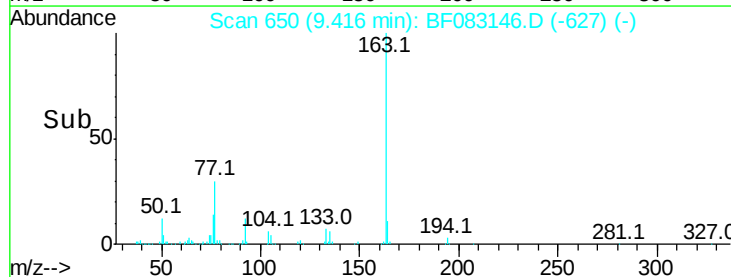
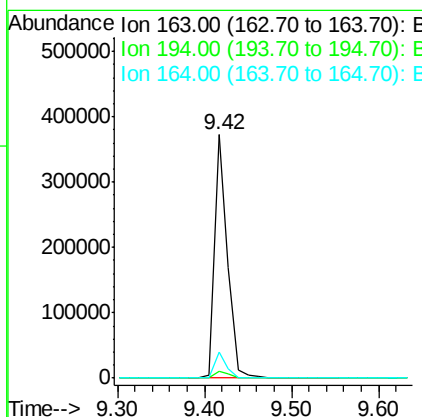
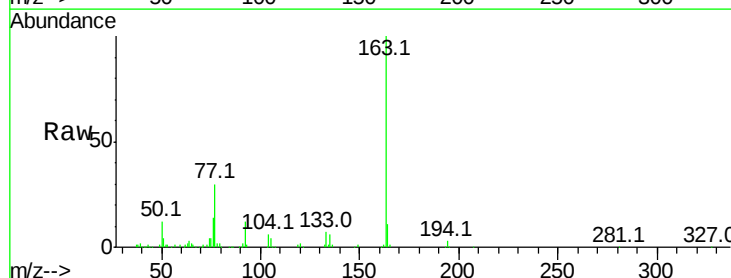
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	24.4	19.9	29.9

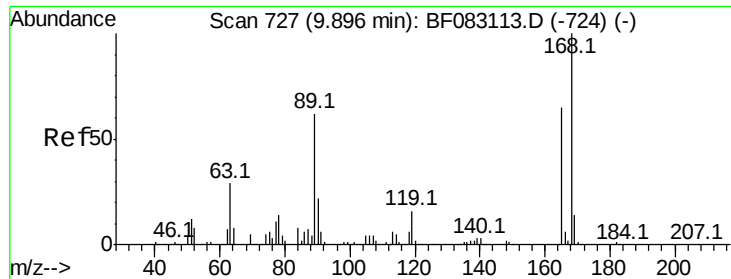


#49
 Dimethylphthalate
 Concen: 13.50 ng
 RT: 9.42 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF083146.D
 Acq: 22 Nov 2015 8:56

Tgt Ion:163 Resp: 389927

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.8	8.6	12.8

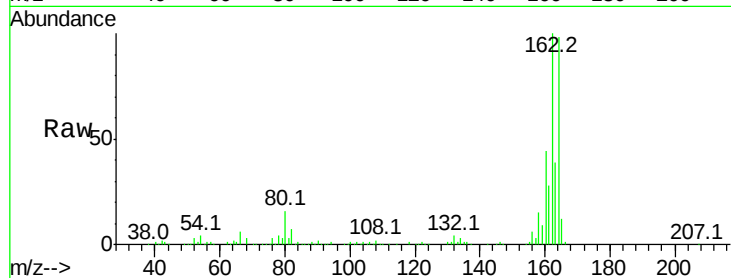




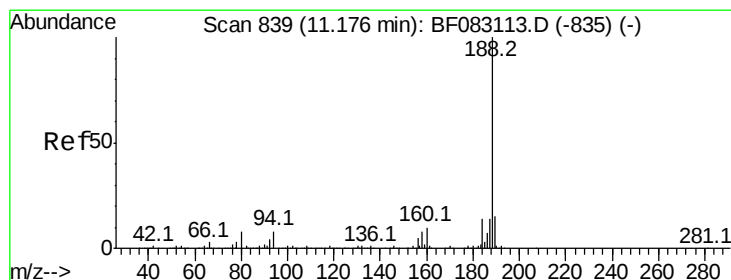
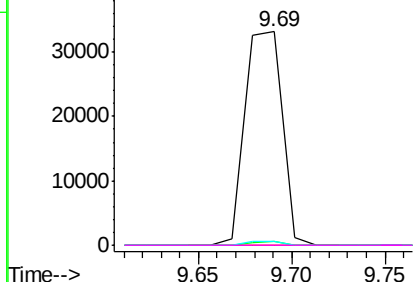
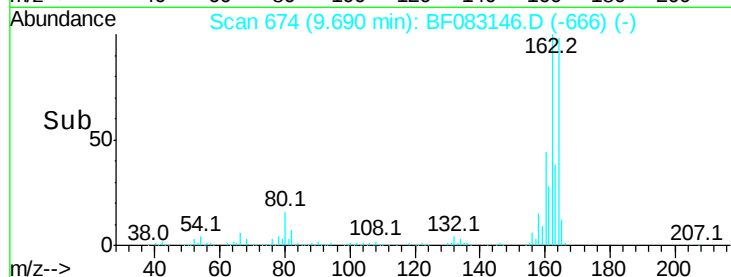
#56
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.21 min
Lab File: BF083146.D
Acq: 22 Nov 2015 8:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 46629
Ion Ratio Lower Upper
165 100
63 1.8 54.5 81.7#
89 1.6 77.3 115.9#
182 0.0 1.8 2.6#

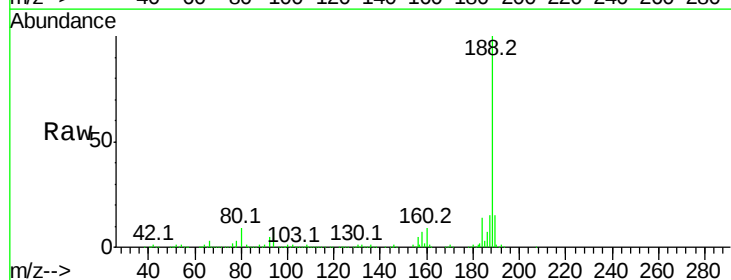


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

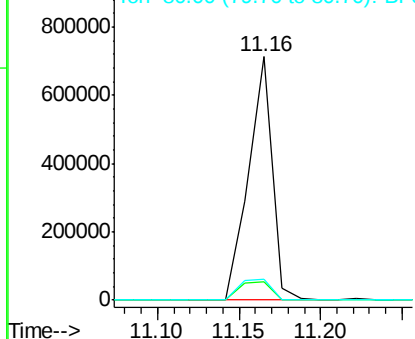
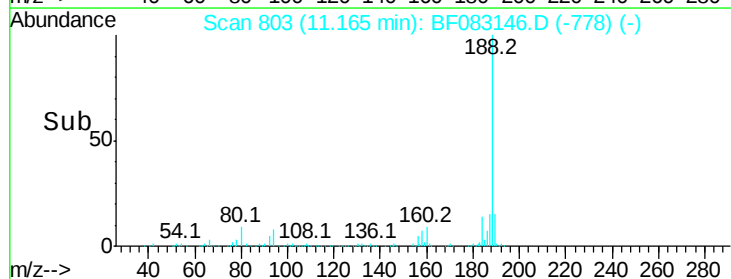


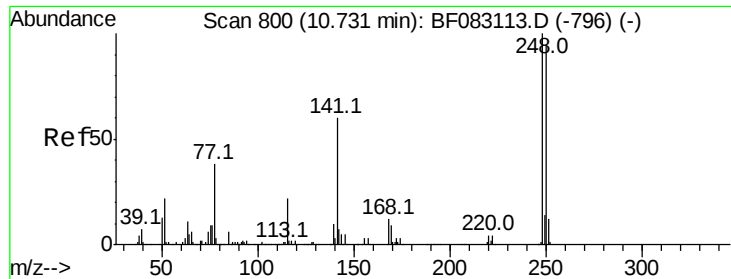
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083146.D
Acq: 22 Nov 2015 8:56

Tgt Ion:188 Resp: 717325
Ion Ratio Lower Upper
188 100
94 7.6 6.0 9.0
80 8.6 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

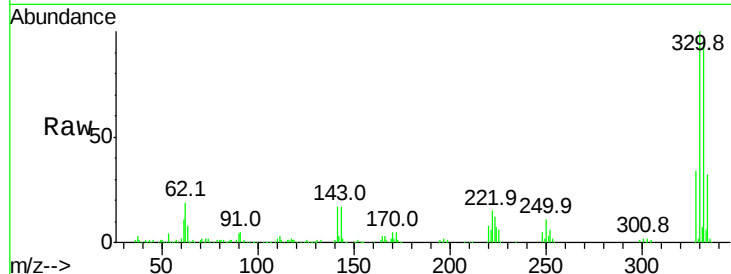




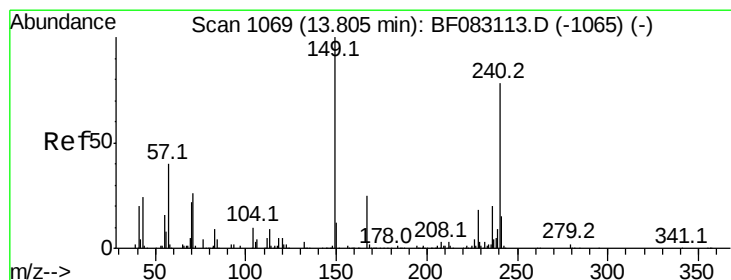
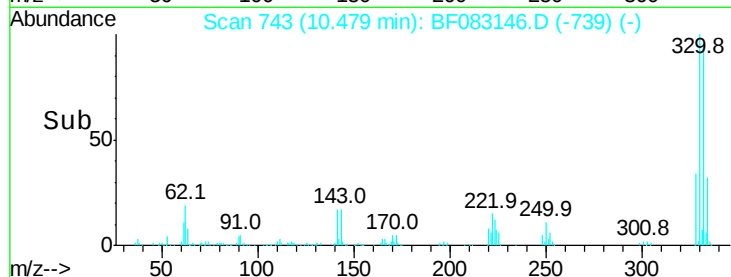
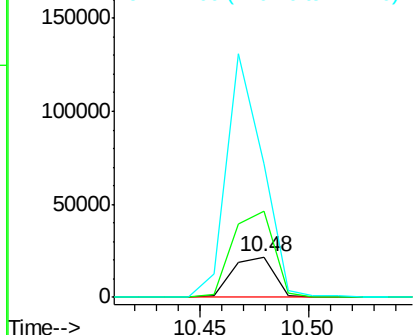
#66
 4-Bromophenyl-phenylether
 Concen: 3.66 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.25 min
 Lab File: BF083146.D
 Acq: 22 Nov 2015 8:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 29160
 Ion Ratio Lower Upper
 248 100
 250 211.0 75.4 113.2#
 141 327.6 48.1 72.1#

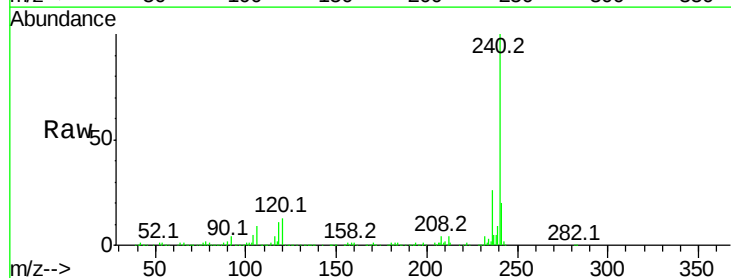


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

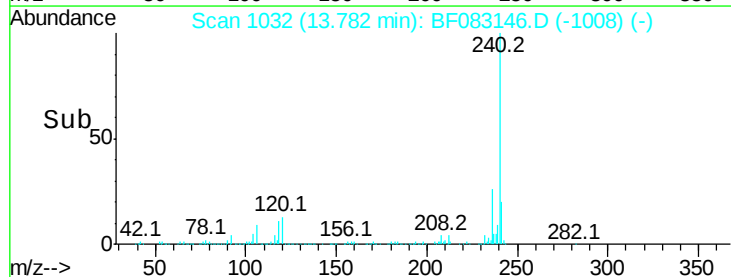
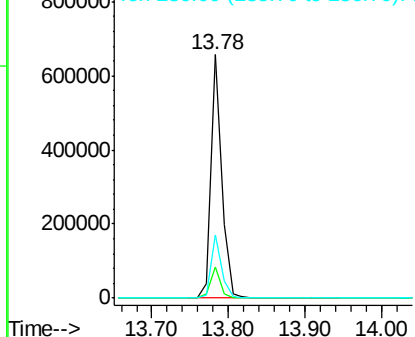


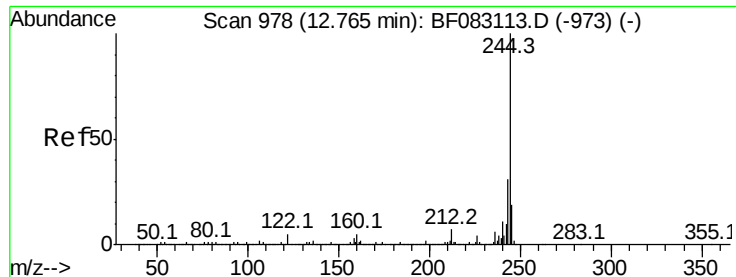
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF083146.D
 Acq: 22 Nov 2015 8:56

Tgt Ion:240 Resp: 629818
 Ion Ratio Lower Upper
 240 100
 120 12.7 5.4 8.2#
 236 25.7 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: 66.08 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083146.D

Acq: 22 Nov 2015 8:56

Instrument :

BNA_F

ClientSampleId :

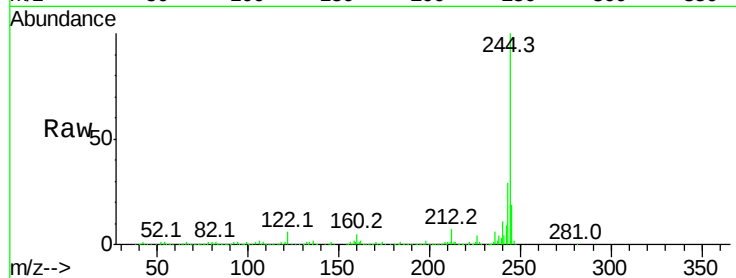
Tot Ion:244 Resp: 1767429

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

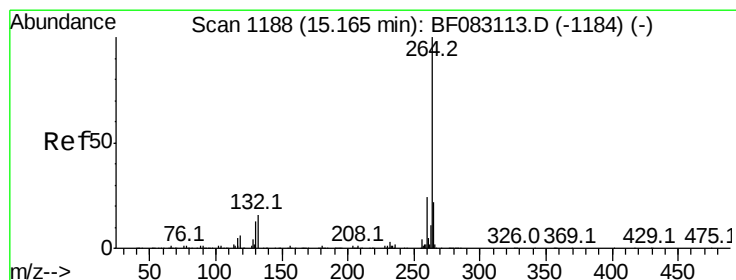
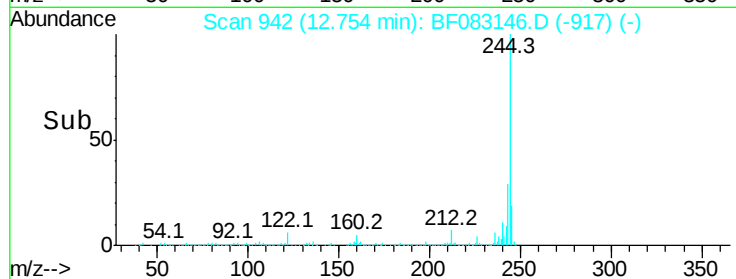
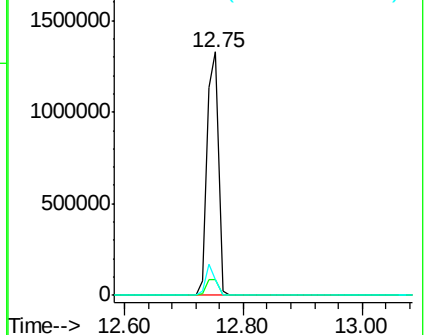
122 6.2 4.3 6.5



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: BF083146.D

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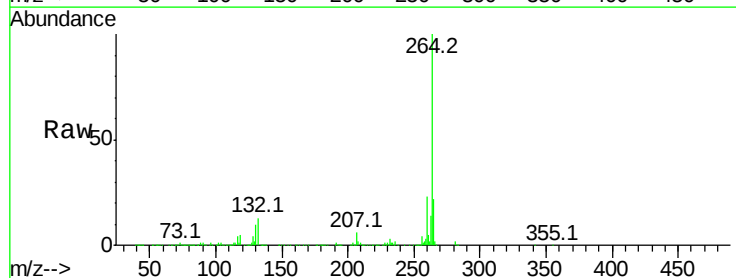
Tgt Ion:264 Resp: 542892

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.6 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

