

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083144.D
 Acq On : 22 Nov 2015 7:57
 Operator : UM/IZ
 Sample : G4505-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 02:59:09 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

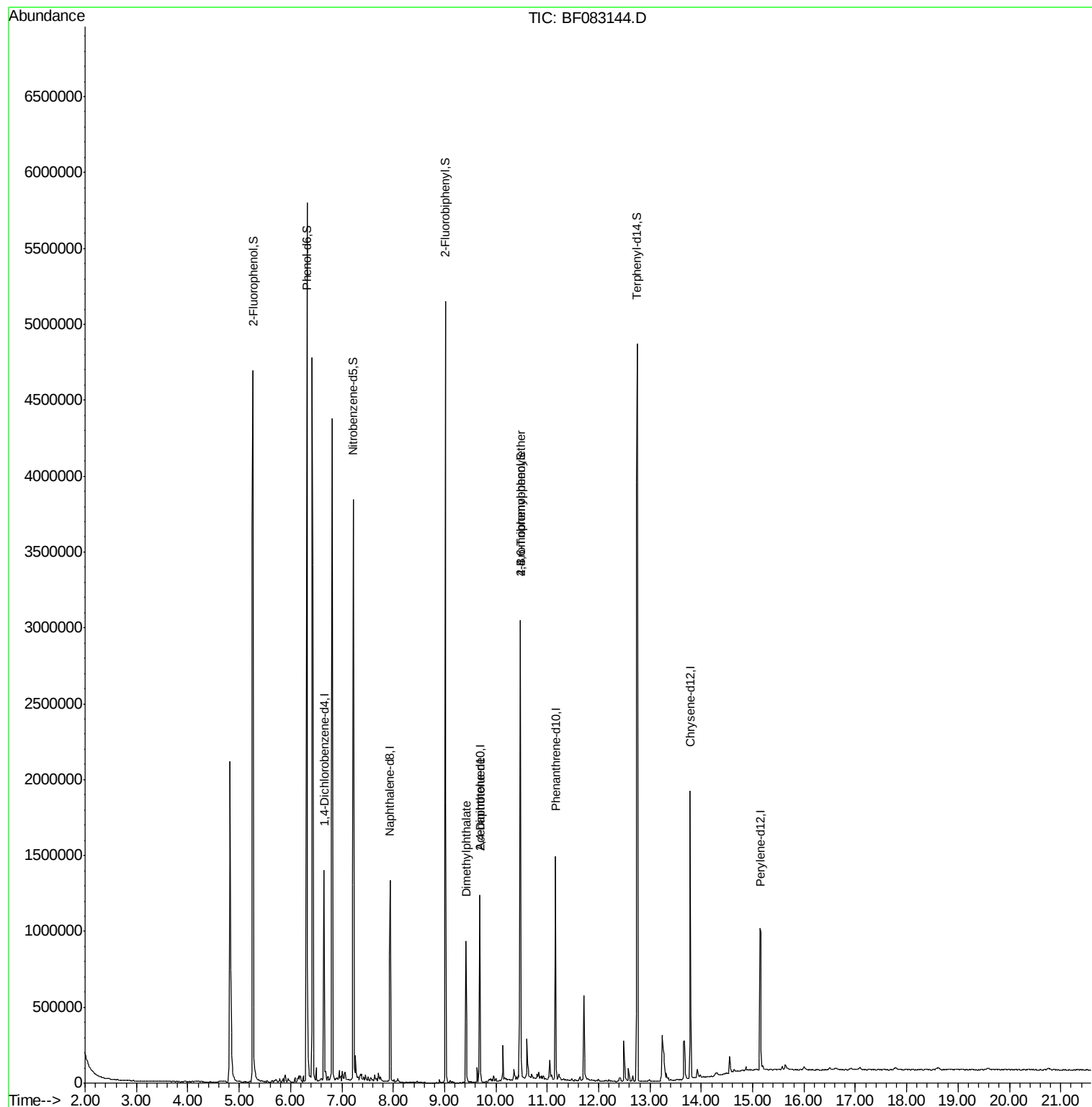
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	192749	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	730282	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	362811	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	710187	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	648337	20.00	ng	-0.02
86) Perylene-d12	15.15	264	539755	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1774144	139.16	ng	-0.01
7) Phenol-d6	6.32	99	2222287	134.72	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1392205	87.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	535294	144.22	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1881890	72.33	ng	-0.01
78) Terphenyl-d14	12.75	244	2113660	76.77	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.32	77	3153	Below Cal	#	4
49) Dimethylphthalate	9.42	163	423122	15.15	ng	100
56) 2,4-Dinitrotoluene	9.69	165	47098	5.93	ng	# 11
66) 4-Bromophenyl-phenylether	10.48	248	36494	4.63	ng	# 1

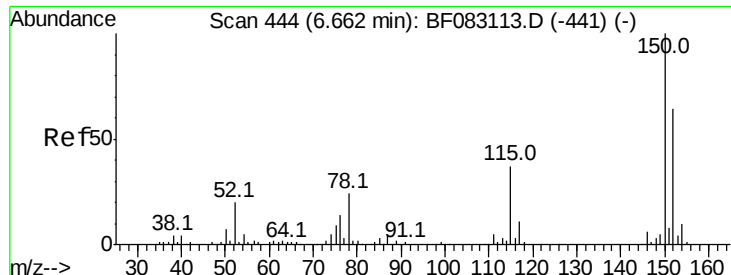
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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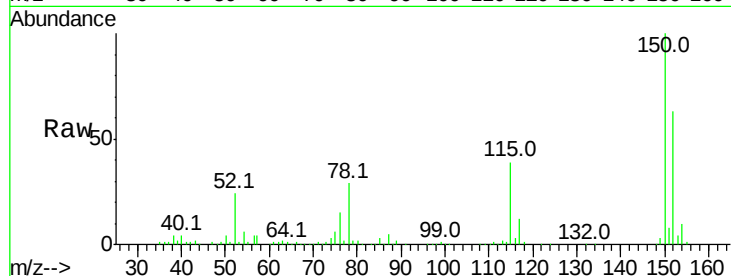


#1

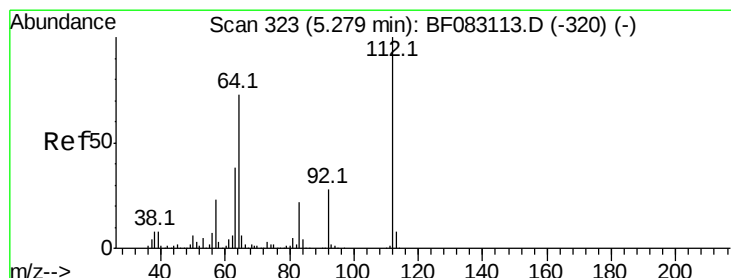
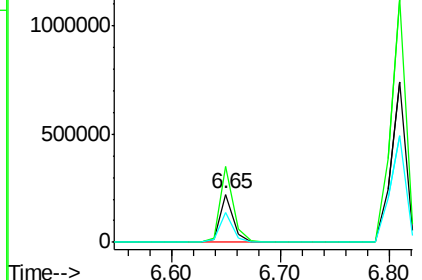
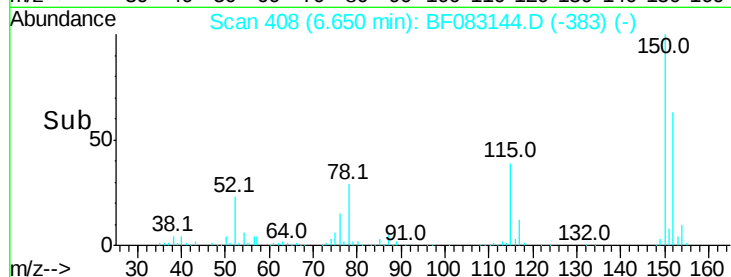
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083144.D
Acq: 22 Nov 2015 7:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 192749
Ion Ratio Lower Upper
152 100
150 160.0 125.8 188.8
115 62.6 46.9 70.3



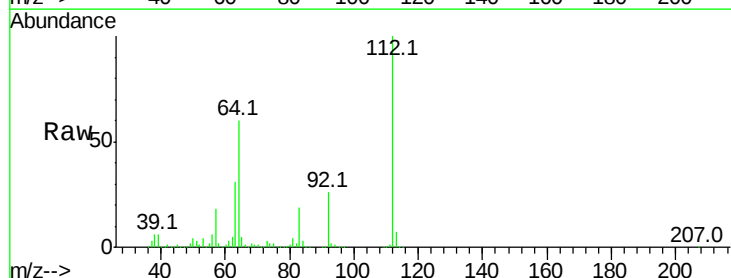
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



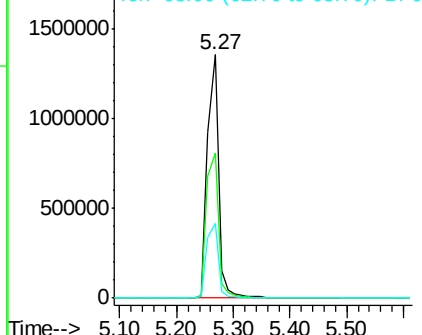
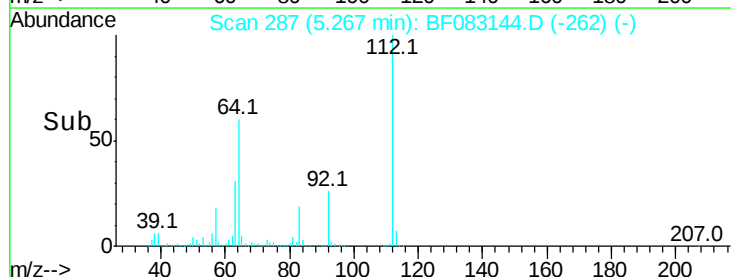
#5

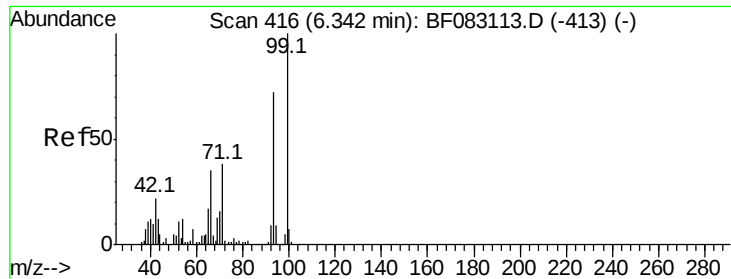
2-Fluorophenol
Concen: 139.16 ng
RT: 5.27 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF083144.D
Acq: 22 Nov 2015 7:57

Tgt Ion:112 Resp: 1774144
Ion Ratio Lower Upper
112 100
64 59.7 58.4 87.6
63 30.7 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





#7

Phenol-d6

Concen: 134.72 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083144.D

Acq: 22 Nov 2015 7:57

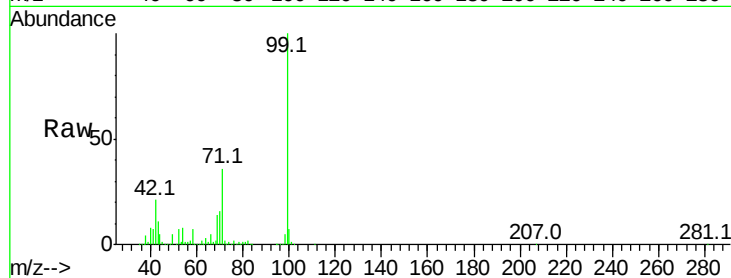
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2222287

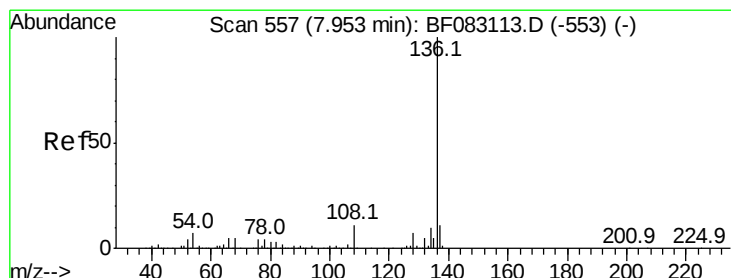
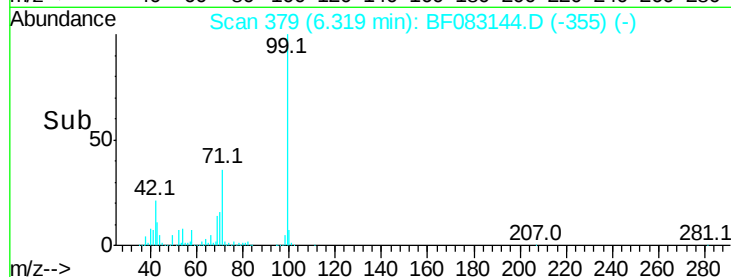
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.7	26.5
71	36.0	30.2	45.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

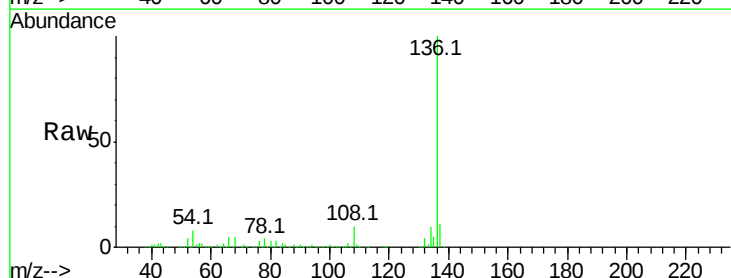
Delta R.T. -0.01 min

Lab File: BF083144.D

Acq: 22 Nov 2015 7:57

Tgt Ion: 136 Resp: 730282

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.8	5.8	8.6
68	5.5	3.8	5.8

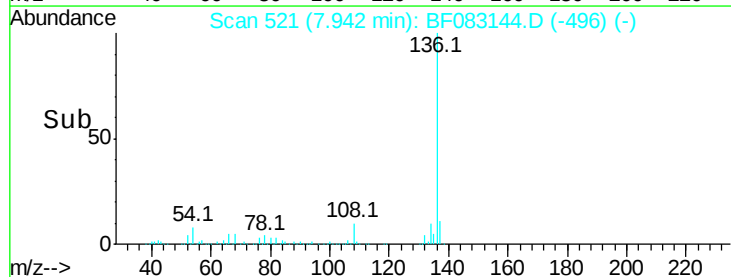


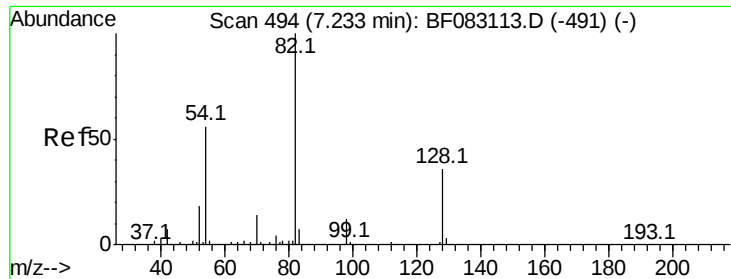
Abundance Ion 136.00 (135.70 to 136.70): E

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



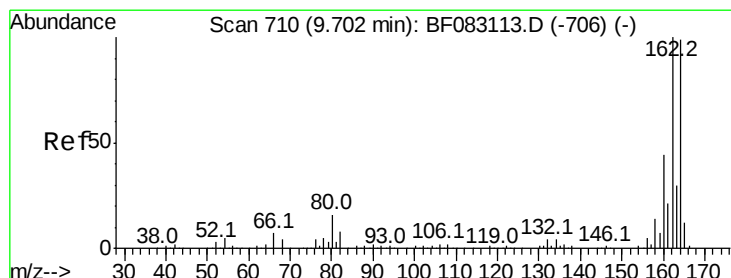
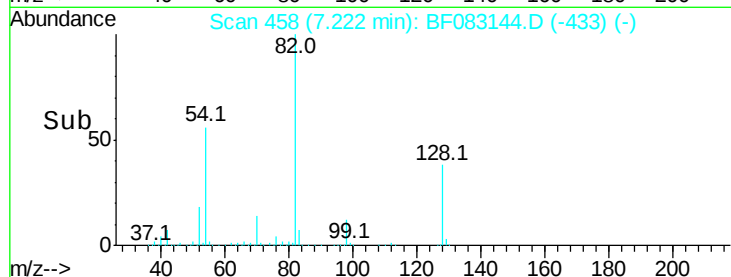
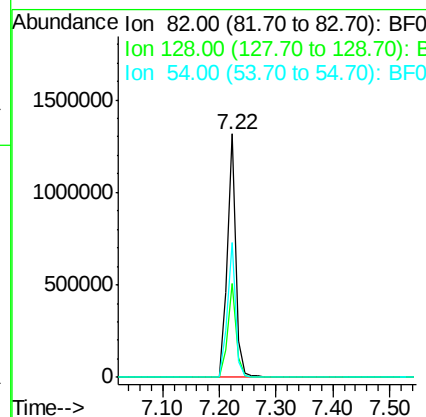
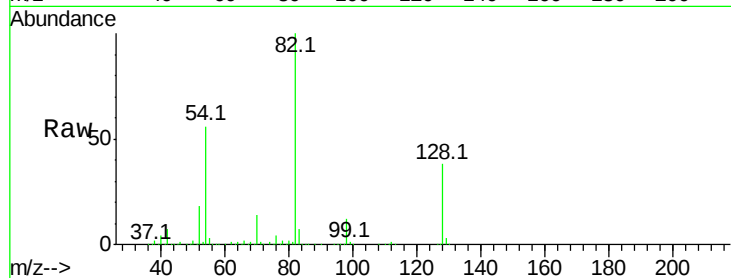


#23
 Nitrobenzene-d5
 Concen: 87.11 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083144.D
 Acq: 22 Nov 2015 7:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1392205

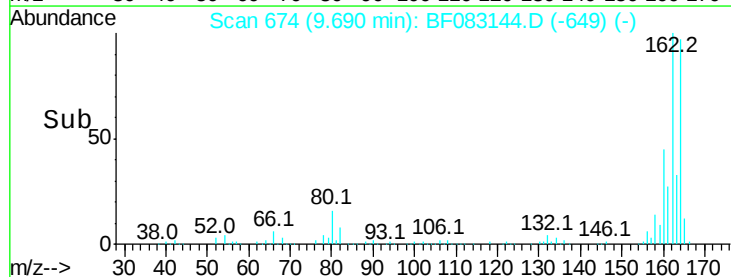
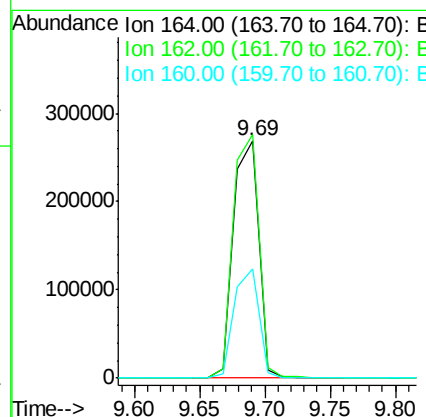
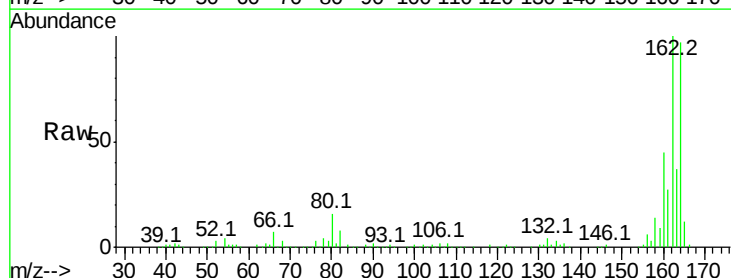
Ion	Ratio	Lower	Upper
82	100		
128	38.4	28.5	42.7
54	55.5	44.6	67.0

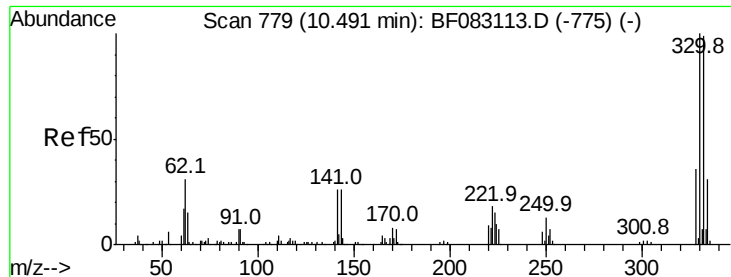


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083144.D
 Acq: 22 Nov 2015 7:57

Tgt Ion: 164 Resp: 362811

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.2	121.8
160	45.8	35.6	53.4

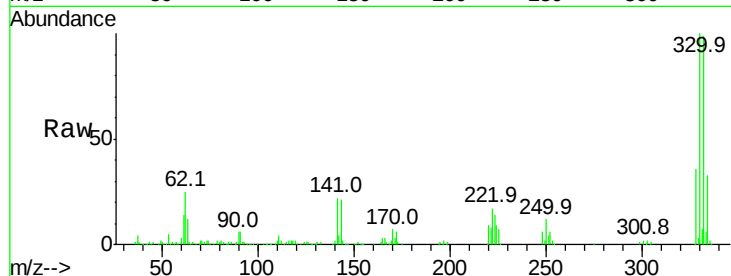




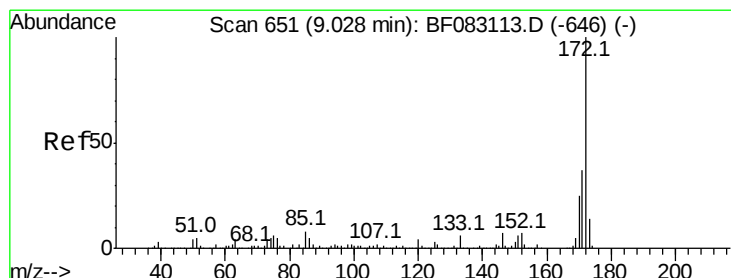
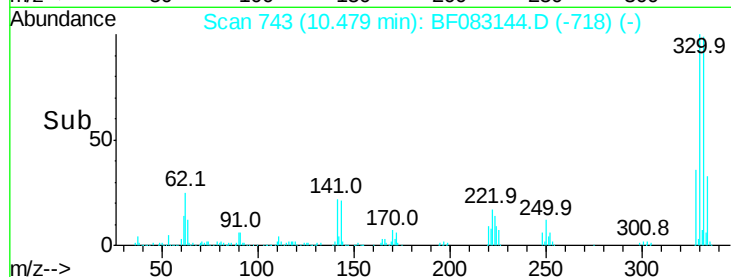
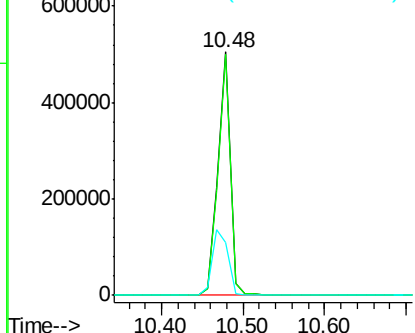
#41
 2,4,6-Tribromophenol
 Concen: 144.22 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083144.D
 Acq: 22 Nov 2015 7:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 535294
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.7 116.5
 141 35.2 29.7 44.5

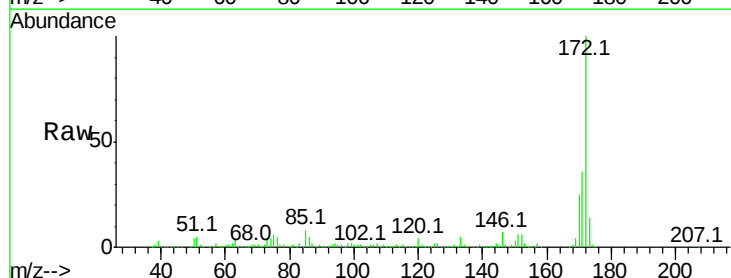


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

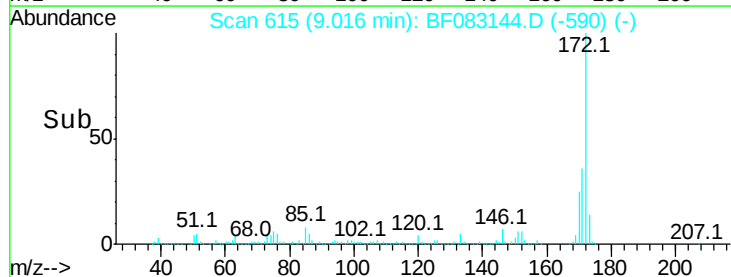
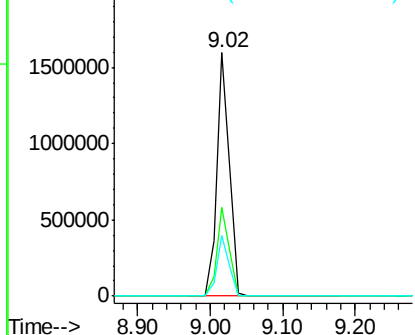


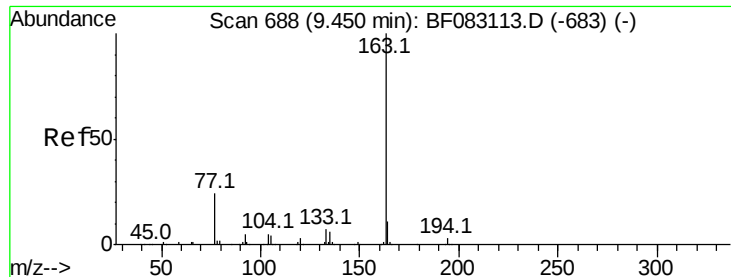
#44
 2-Fluorobiphenyl
 Concen: 72.33 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083144.D
 Acq: 22 Nov 2015 7:57

Tgt Ion:172 Resp: 1881890
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.5 44.3
 170 24.7 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: 15.15 ng

RT: 9.42 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF083144.D

Acq: 22 Nov 2015 7:57

Instrument :

BNA_F

ClientSampleId :

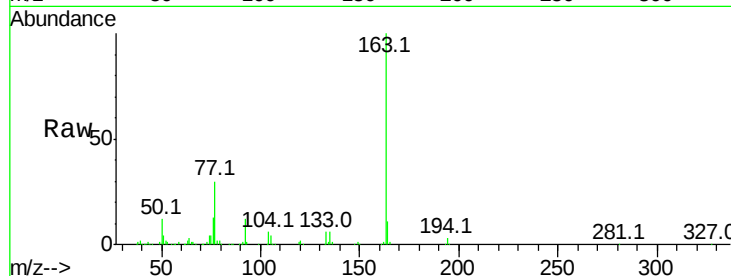
Tot Ion:163 Resp: 423122

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

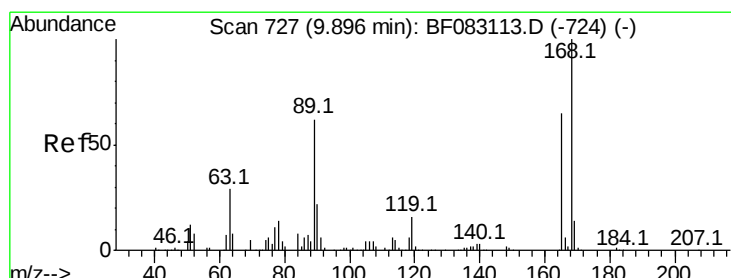
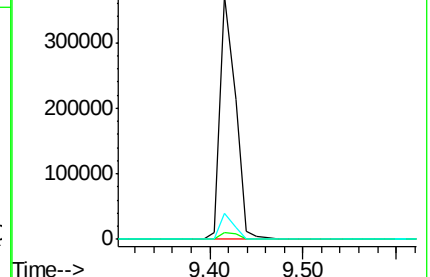
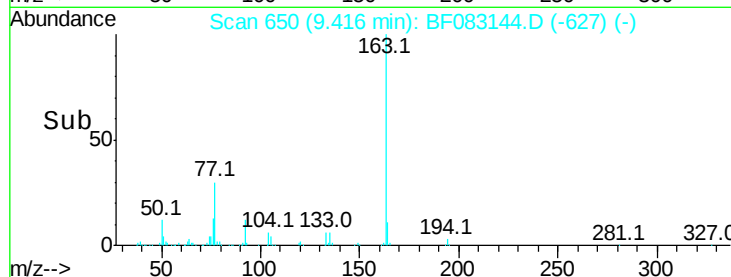
164 10.8 8.6 12.8



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: 5.93 ng

RT: 9.69 min Scan# 674

Delta R.T. -0.21 min

Lab File: BF083144.D

Acq: 22 Nov 2015 7:57

Tgt Ion:165 Resp: 47098

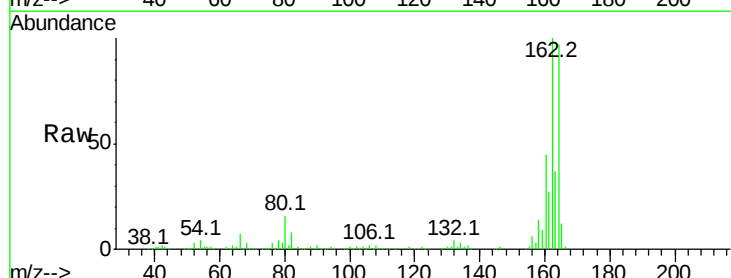
Ion Ratio Lower Upper

165 100

63 1.7 54.5 81.7#

89 2.0 77.3 115.9#

182 0.0 1.8 2.6#

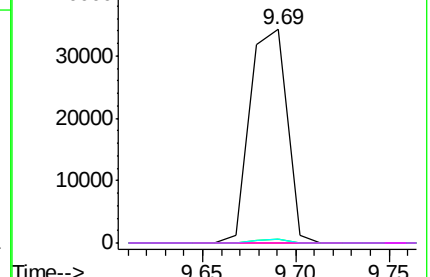
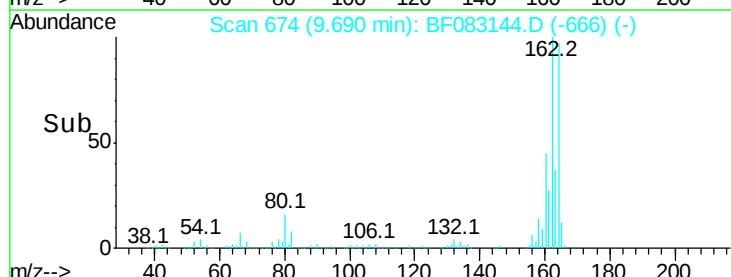


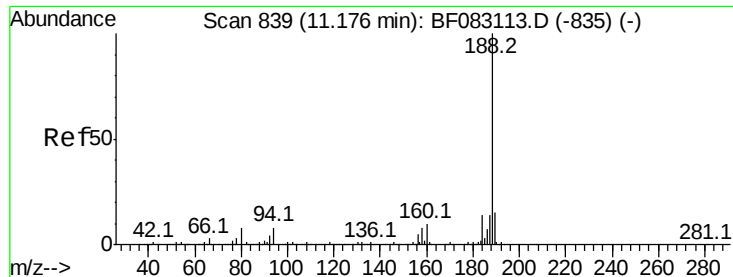
Abundance Ion 165.00 (164.70 to 165.70): E

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

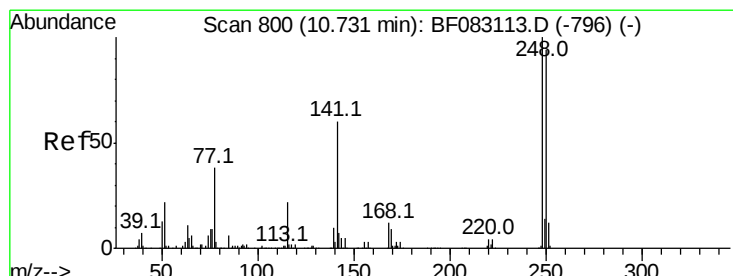
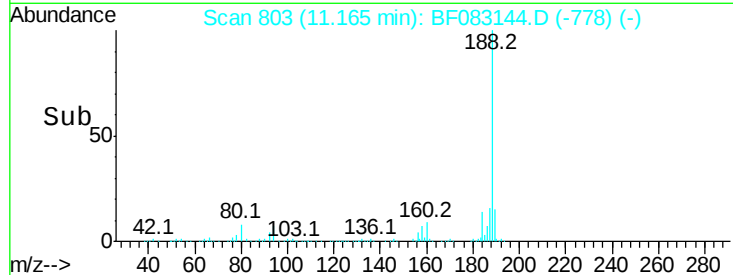
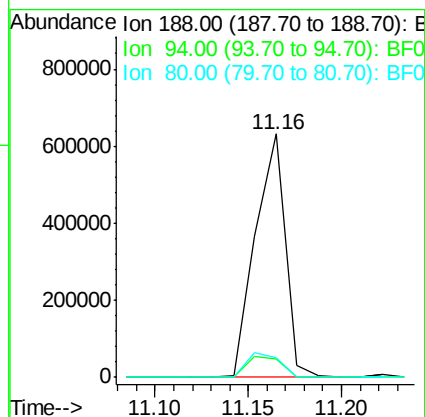
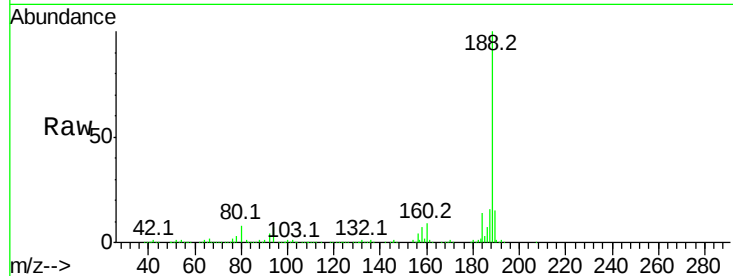




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083144.D
Acq: 22 Nov 2015 7:57

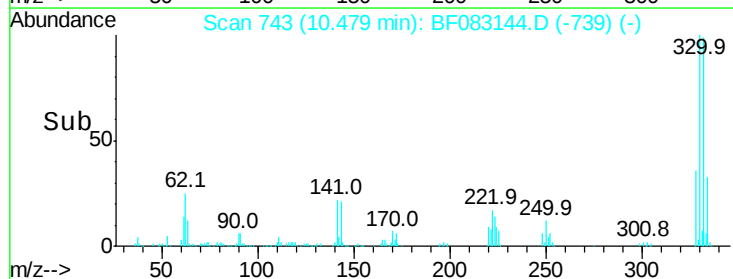
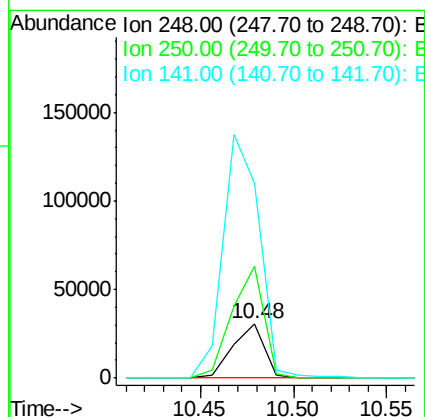
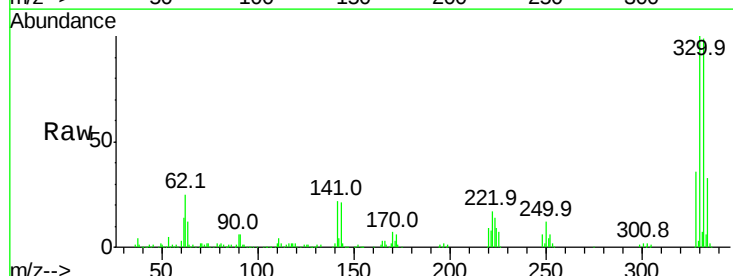
Instrument :
BNA_F
ClientSampleId :

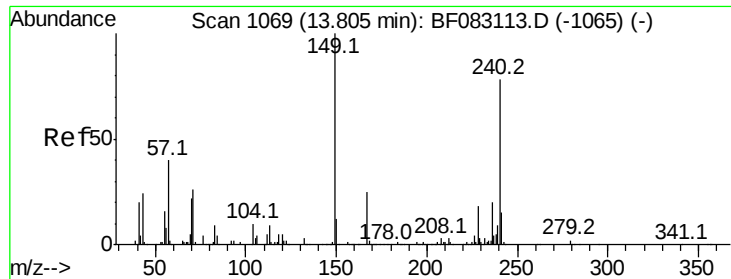
Tot Ion:188 Resp: 710187
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.0 6.7 10.1



#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.25 min
Lab File: BF083144.D
Acq: 22 Nov 2015 7:57

Tgt Ion:248 Resp: 36494
Ion Ratio Lower Upper
248 100
250 205.3 75.4 113.2#
141 359.7 48.1 72.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083144.D

Acq: 22 Nov 2015 7:57

Instrument :

BNA_F

ClientSampleId :

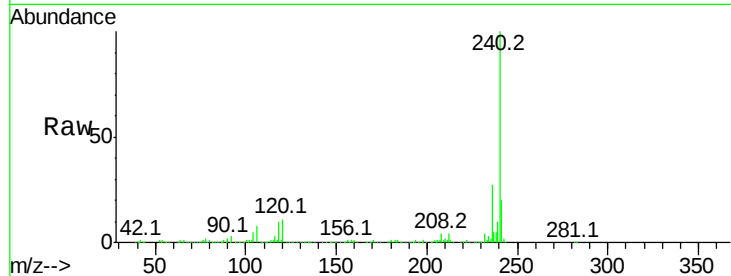
Tot Ion:240 Resp: 648337

Ion Ratio Lower Upper

240 100

120 11.1 5.4 8.2#

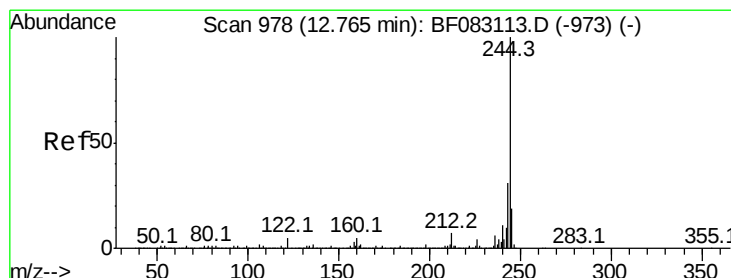
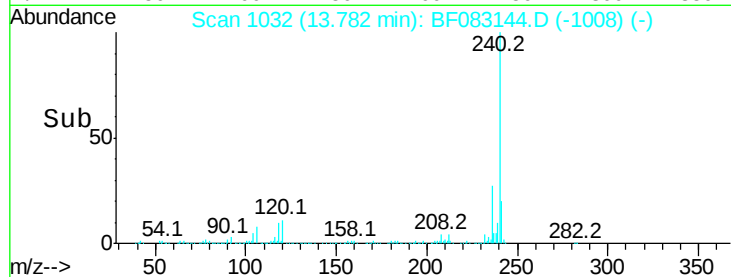
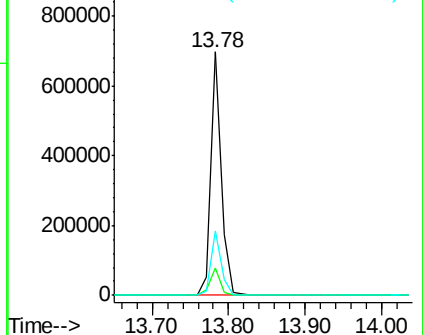
236 26.7 20.6 31.0



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: 76.77 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083144.D

Acq: 22 Nov 2015 7:57

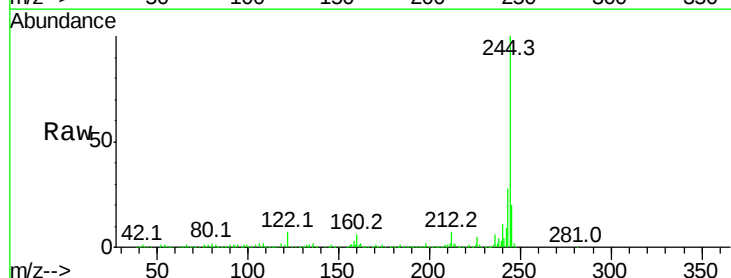
Tgt Ion:244 Resp: 2113660

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

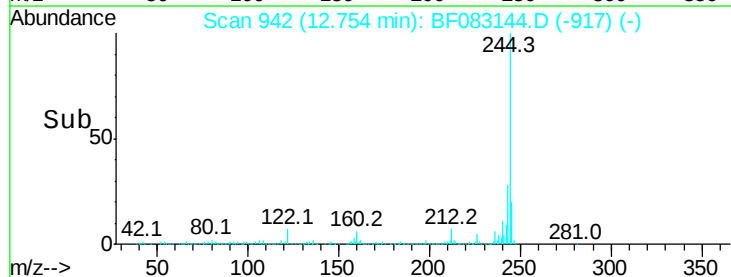
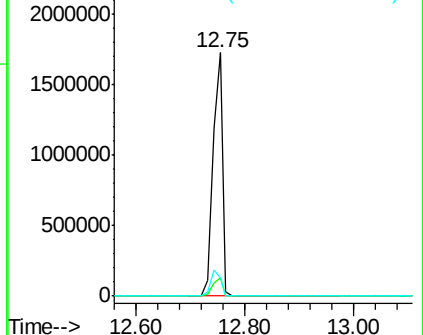
122 7.4 4.3 6.5#

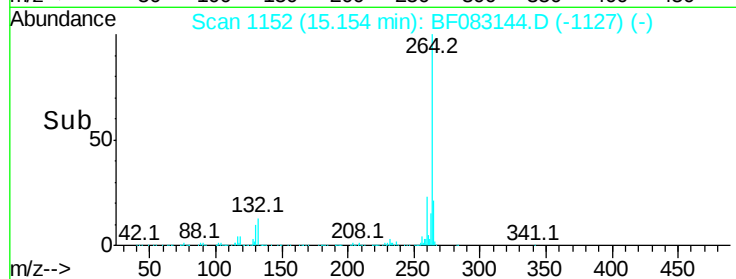
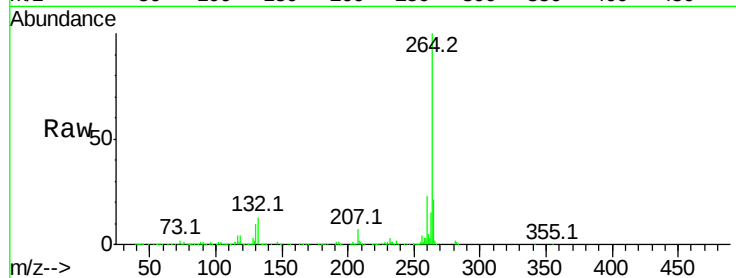
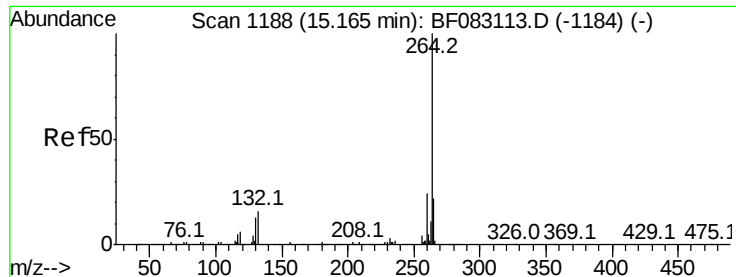


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083144.D

Acq: 22 Nov 2015 7:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 539755

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.2 18.2 27.4

