

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112415\
 Data File : BF083234.D
 Acq On : 24 Nov 2015 13:53
 Operator : UM/IZ
 Sample : G4503-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 15:13:36 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

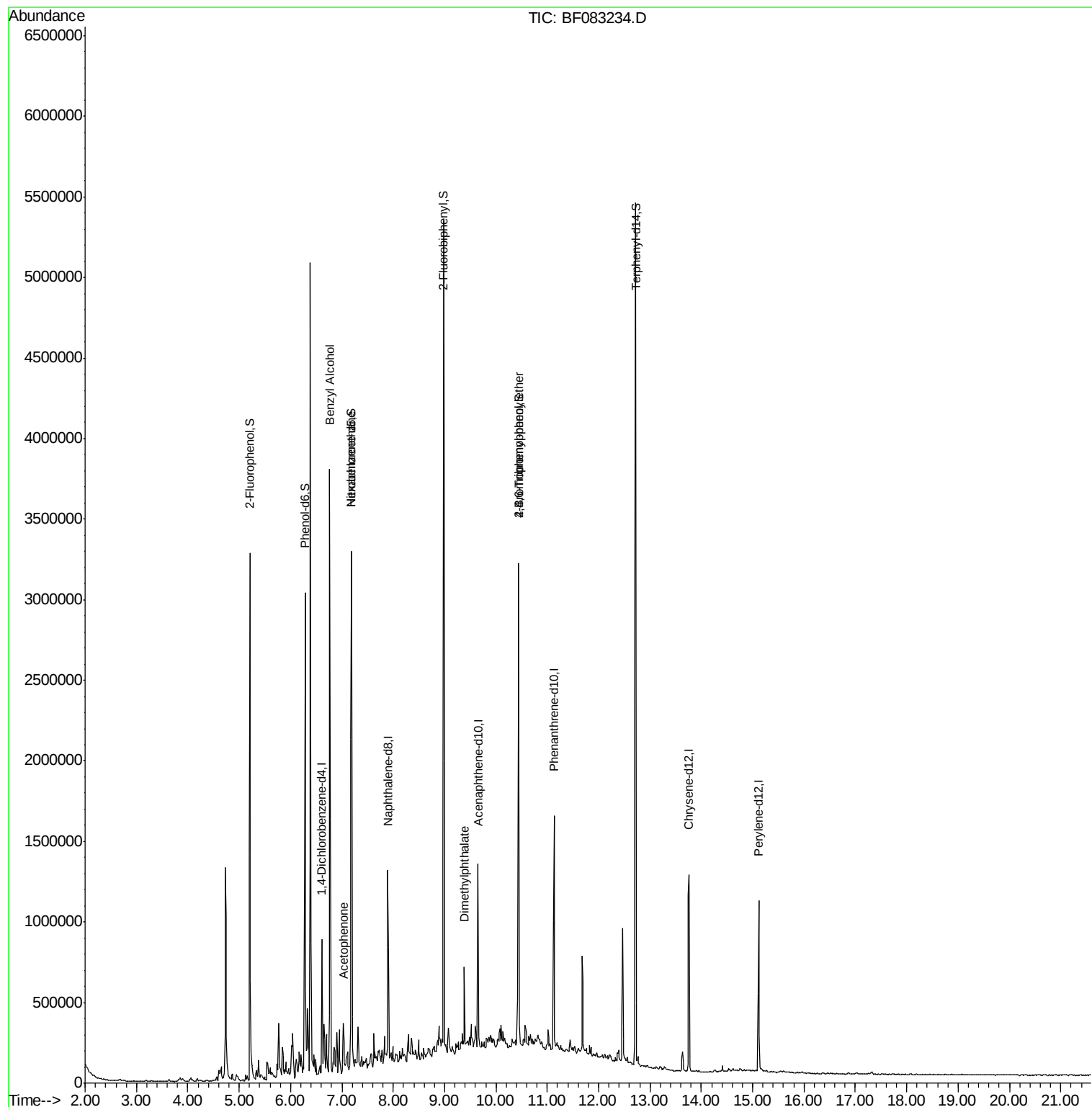
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	165491	20.00	ng	-0.06
21) Naphthalene-d8	7.90	136	640752	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	332223	20.00	ng	-0.05
63) Phenanthrene-d10	11.13	188	641827	20.00	ng	-0.05
75) Chrysene-d12	13.76	240	602049	20.00	ng	-0.05
86) Perylene-d12	15.12	264	466552	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1046317	95.59	ng	-0.07
7) Phenol-d6	6.28	99	1223507	86.39	ng	-0.06
23) Nitrobenzene-d5	7.19	82	1311741	93.54	ng	-0.05
41) 2,4,6-Tribromophenol	10.44	330	449373	132.21	ng	-0.05
44) 2-Fluorobiphenyl	8.98	172	1843113	77.36	ng	-0.05
78) Terphenyl-d14	12.72	244	1770604	69.25	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.16	77	1452	Below Cal	#	1
15) Benzyl Alcohol	6.76	79	24397	2.06 ng	#	46
18) Hexachloroethane	7.19	117	18255	3.79 ng	#	1
22) Acetophenone	7.03	105	64162	3.49 ng	#	97
49) Dimethylphthalate	9.38	163	193476	7.56 ng	#	99
66) 4-Bromophenyl-phenylether	10.44	248	31537	4.43 ng	#	1

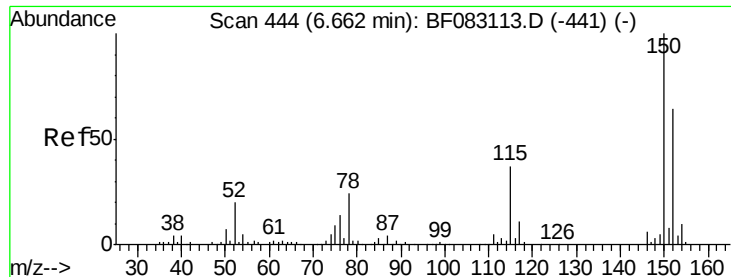
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :

Quant Time: Nov 24 15:13:36 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



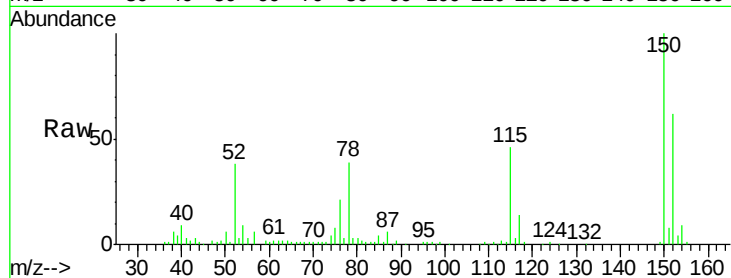


#1

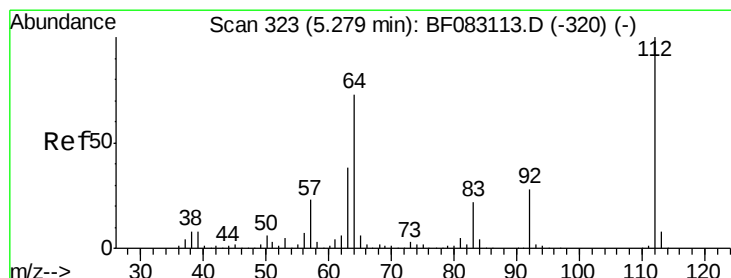
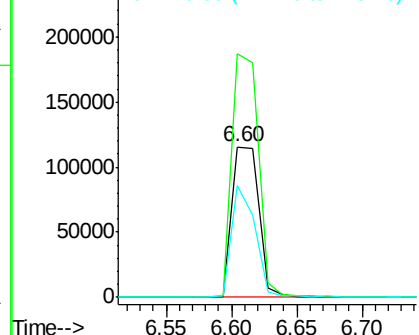
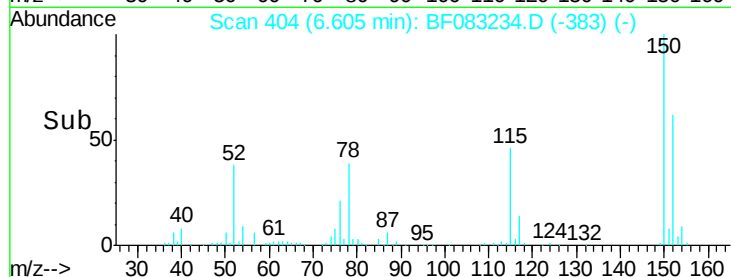
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.06 min
Lab File: BF083234.D
Acq: 24 Nov 2015 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 165491
Ion Ratio Lower Upper
152 100
150 161.7 125.8 188.8
115 74.1 46.9 70.3#



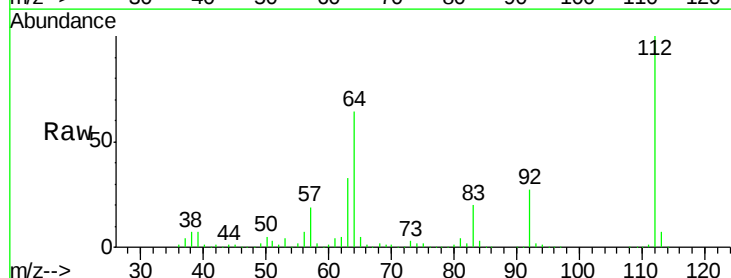
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



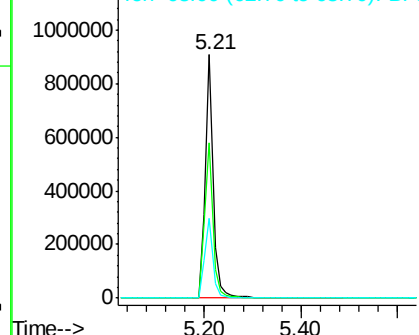
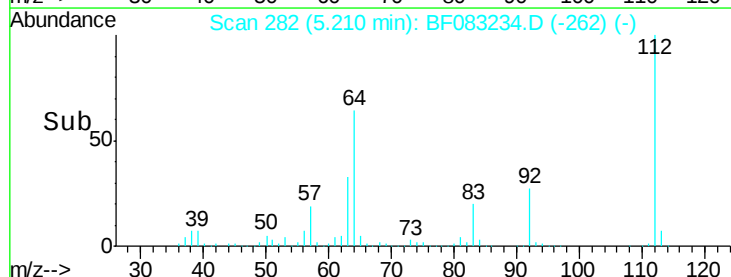
#5

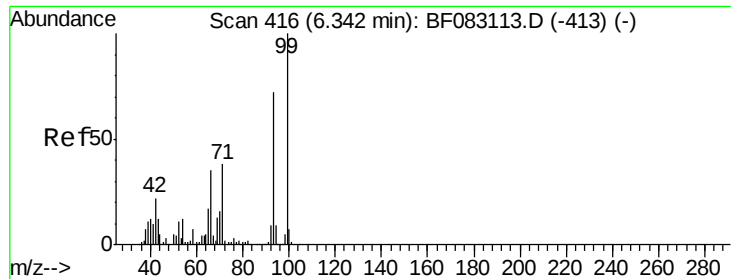
2-Fluorophenol
Concen: 95.59 ng
RT: 5.21 min Scan# 282
Delta R.T. -0.07 min
Lab File: BF083234.D
Acq: 24 Nov 2015 13:53

Tgt Ion:112 Resp: 1046317
Ion Ratio Lower Upper
112 100
64 63.6 58.4 87.6
63 32.7 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: 86.39 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF083234.D

Acq: 24 Nov 2015 13:53

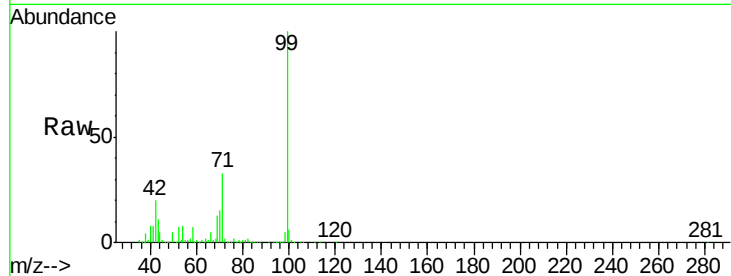
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1223507

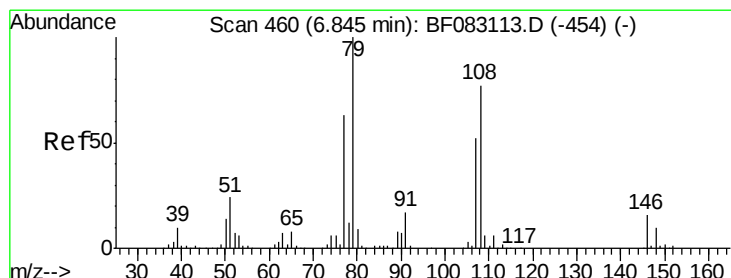
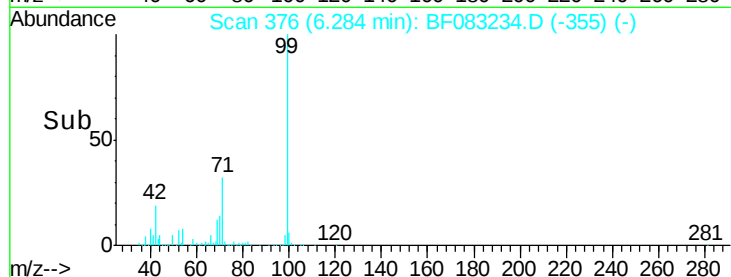
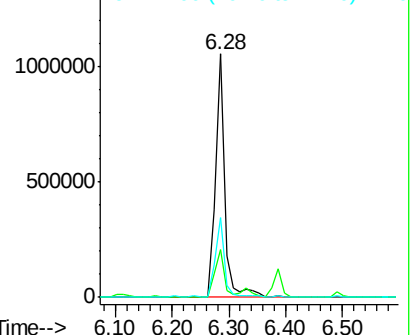
Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.7	26.5
71	33.0	30.2	45.4



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



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 6.76 min Scan# 418

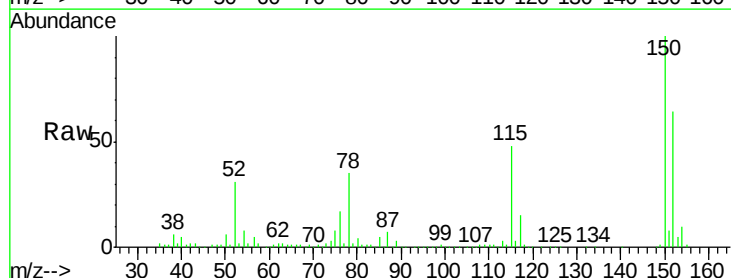
Delta R.T. -0.08 min

Lab File: BF083234.D

Acq: 24 Nov 2015 13:53

Tgt Ion: 79 Resp: 24397

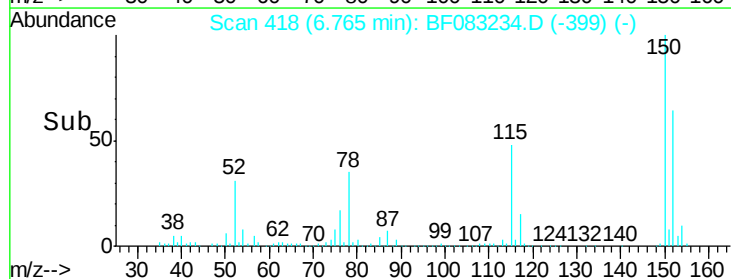
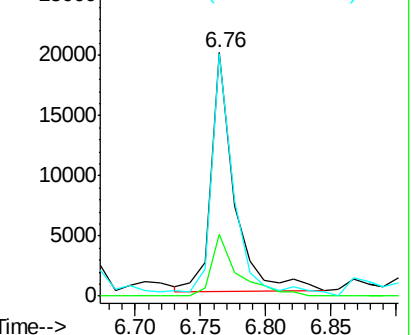
Ion	Ratio	Lower	Upper
79	100		
108	25.2	61.4	92.2#
77	99.3	50.5	75.7#

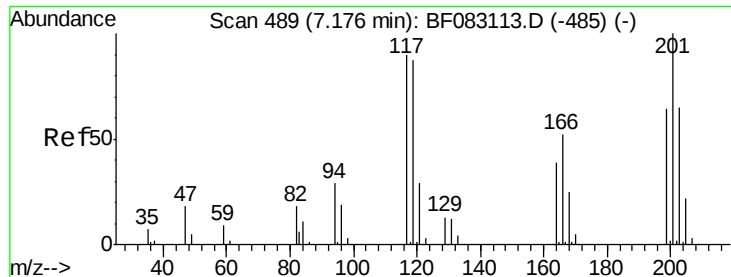


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

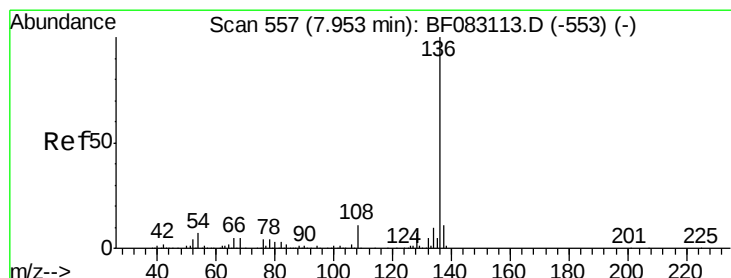
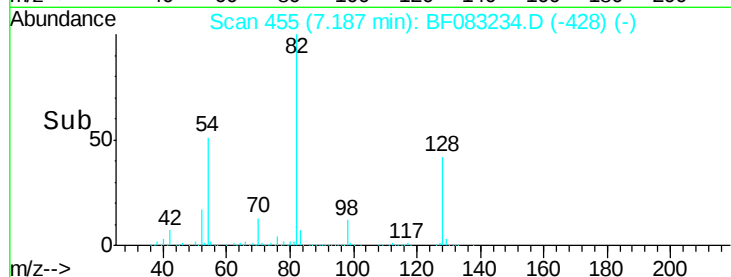
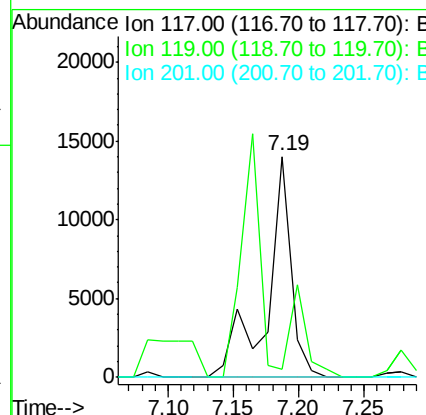
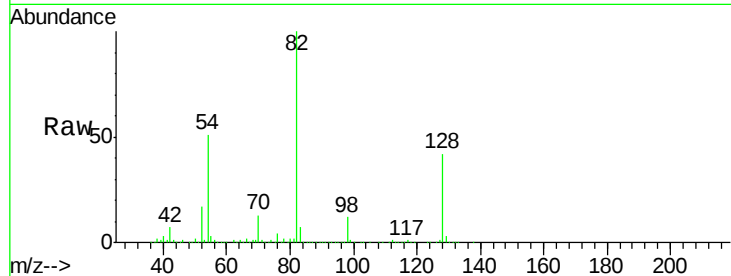




#18
Hexachloroethane
Concen: 3.79 ng
RT: 7.19 min Scan# 455
Delta R.T. 0.01 min
Lab File: BF083234.D
Acq: 24 Nov 2015 13:53

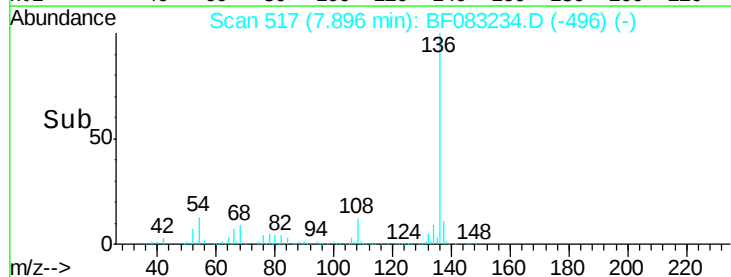
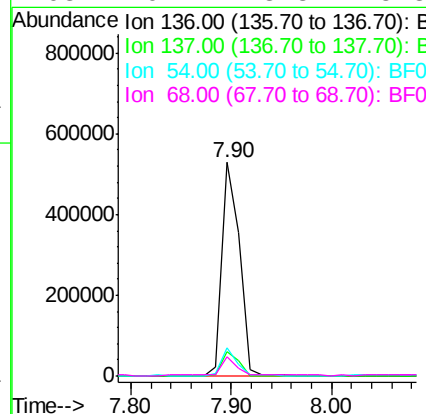
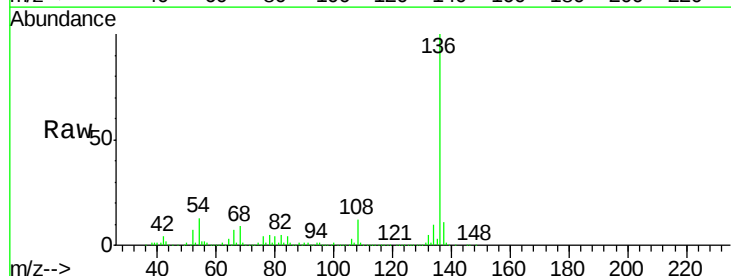
Instrument :
BNA_F
ClientSampleId :

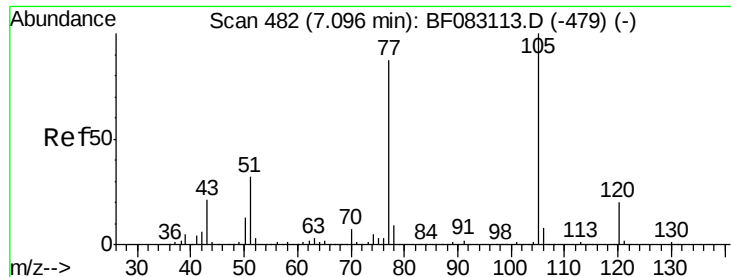
Tot Ion:117 Resp: 18255
Ion Ratio Lower Upper
117 100
119 3.5 76.8 115.2#
201 0.0 88.6 133.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.06 min
Lab File: BF083234.D
Acq: 24 Nov 2015 13:53

Tgt Ion:136 Resp: 640752
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 13.0 5.8 8.6#
68 9.2 3.8 5.8#

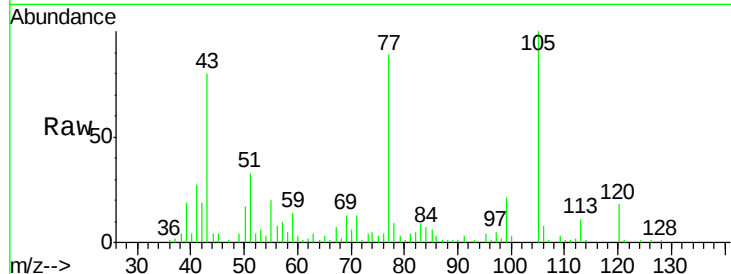




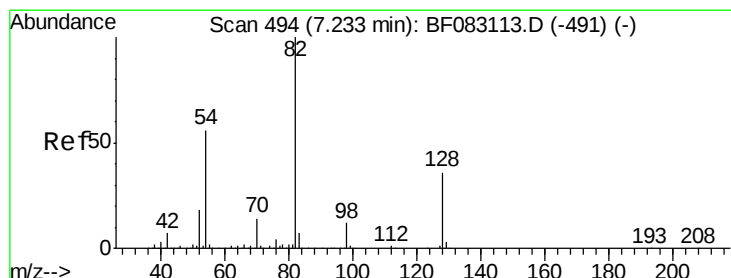
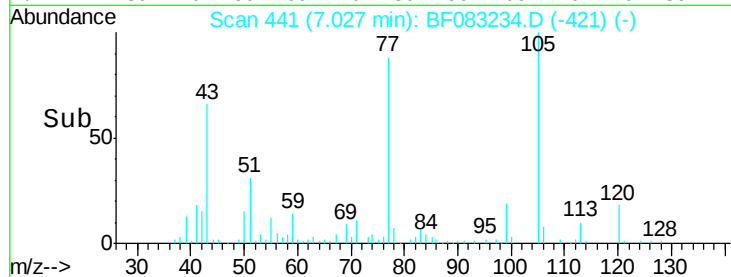
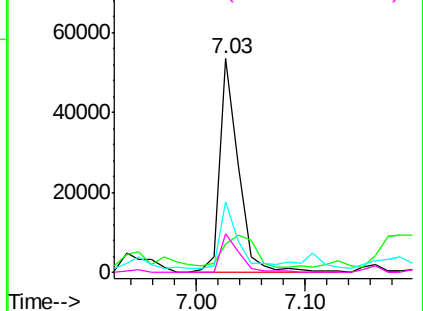
#22
Acetophenone
Concen: 3.49 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.07 min
Lab File: BF083234.D
Acq: 24 Nov 2015 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 105 Resp: 64162
Ion Ratio Lower Upper
105 100
71 13.0 1.0 1.4#
51 33.2 25.6 38.4
120 18.0 15.8 23.6

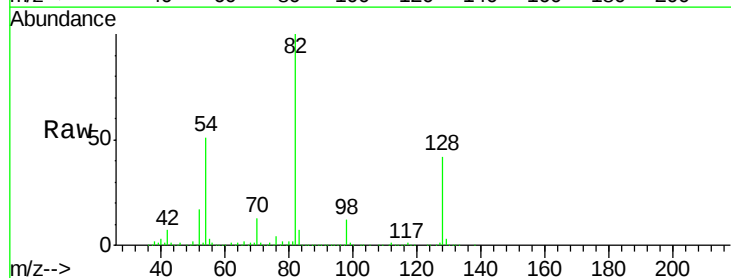


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

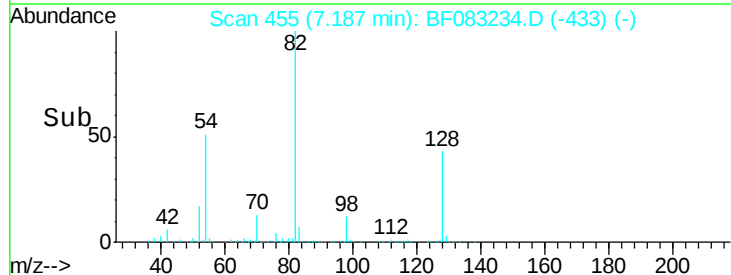
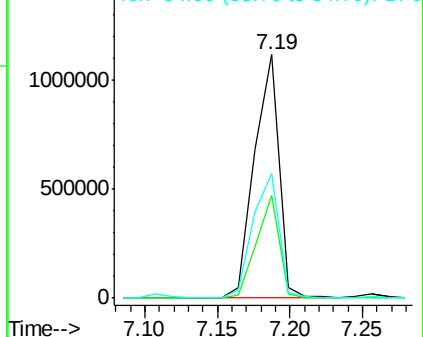


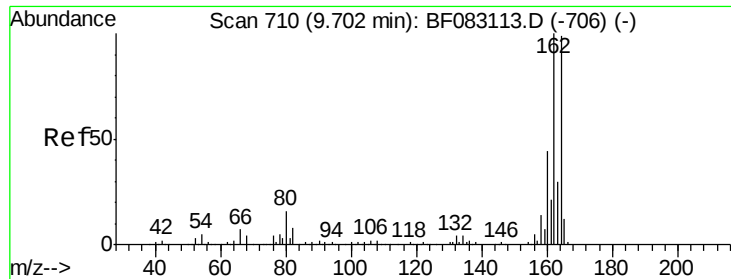
#23
Nitrobenzene-d5
Concen: 93.54 ng
RT: 7.19 min Scan# 455
Delta R.T. -0.05 min
Lab File: BF083234.D
Acq: 24 Nov 2015 13:53

Tgt Ion: 82 Resp: 1311741
Ion Ratio Lower Upper
82 100
128 42.2 28.5 42.7
54 51.1 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

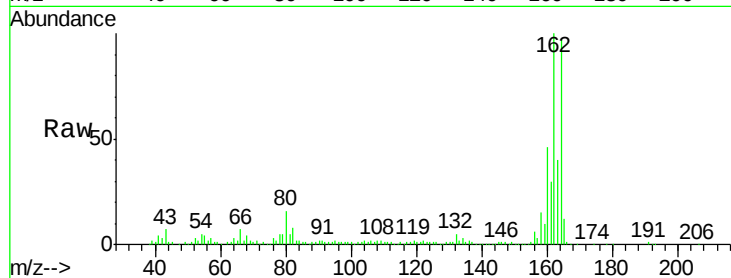




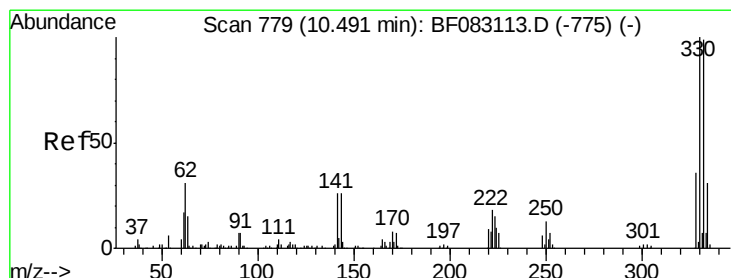
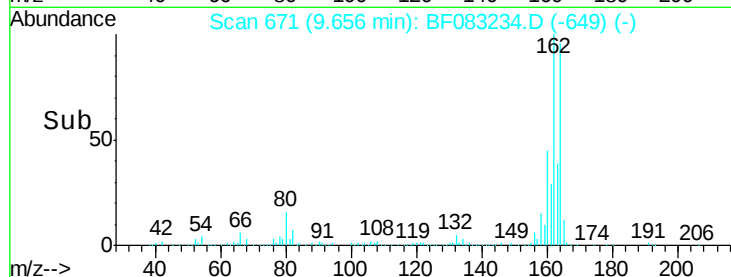
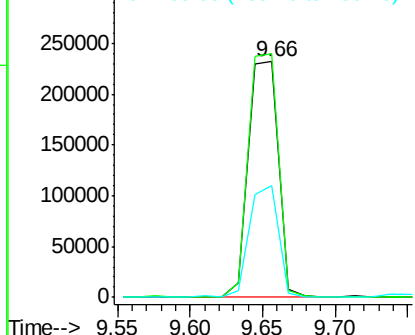
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF083234.D
Acq: 24 Nov 2015 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 332223
Ion Ratio Lower Upper
164 100
162 103.5 81.2 121.8
160 47.7 35.6 53.4

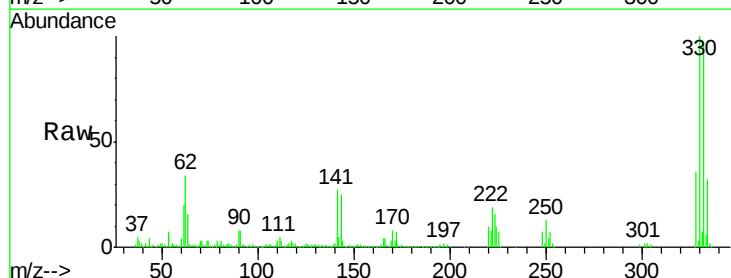


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

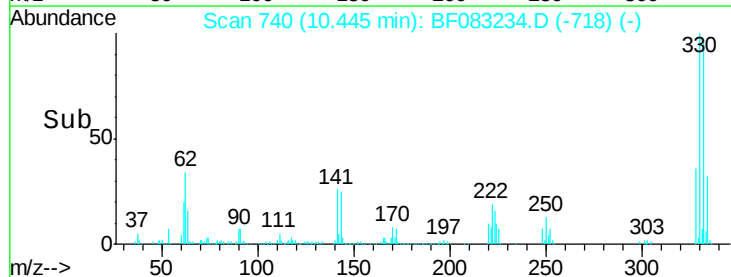
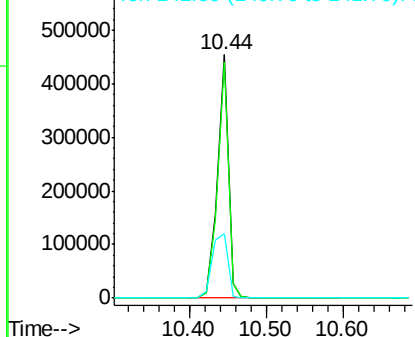


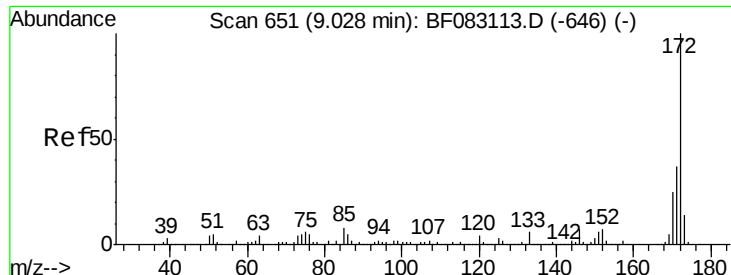
#41
2,4,6-Tribromophenol
Concen: 132.21 ng
RT: 10.44 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF083234.D
Acq: 24 Nov 2015 13:53

Tgt Ion:330 Resp: 449373
Ion Ratio Lower Upper
330 100
332 96.1 77.7 116.5
141 37.0 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



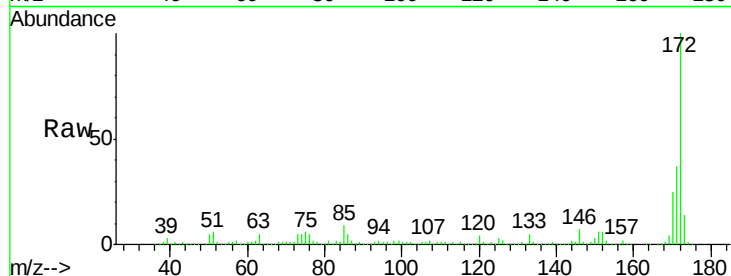


#44
 2-Fluorobiphenyl
 Concen: 77.36 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083234.D
 Acq: 24 Nov 2015 13:53

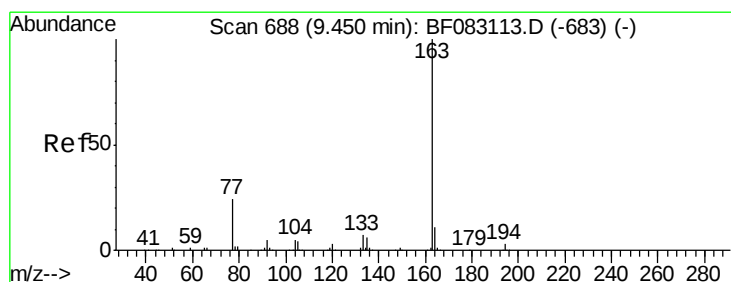
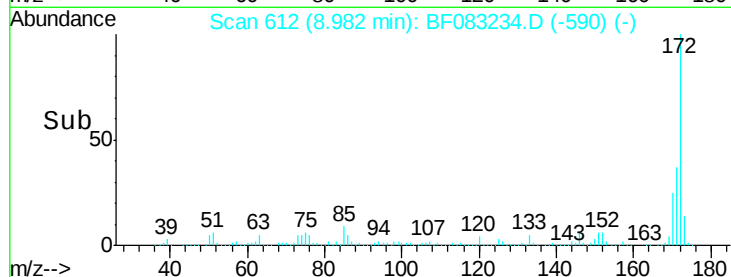
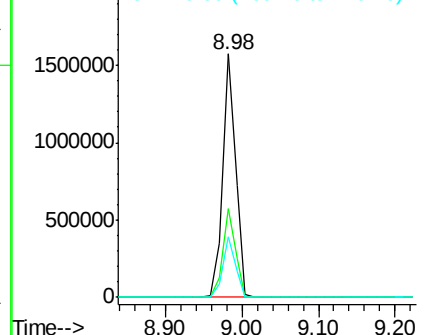
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1843113

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	25.1	19.9	29.9



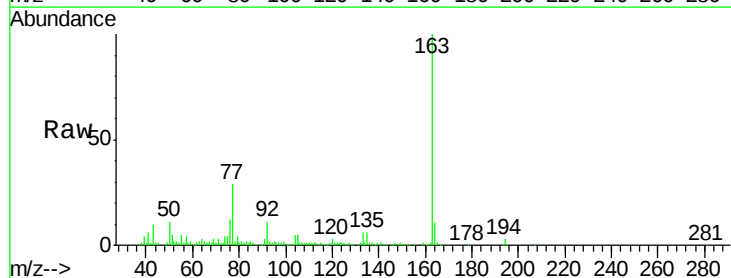
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



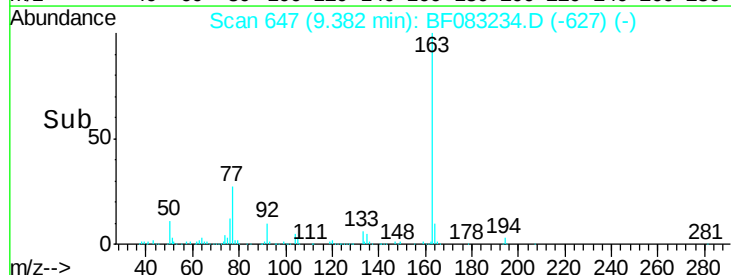
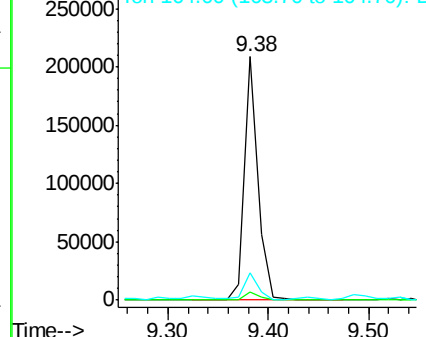
#49
 Dimethylphthalate
 Concen: 7.56 ng
 RT: 9.38 min Scan# 647
 Delta R.T. -0.07 min
 Lab File: BF083234.D
 Acq: 24 Nov 2015 13:53

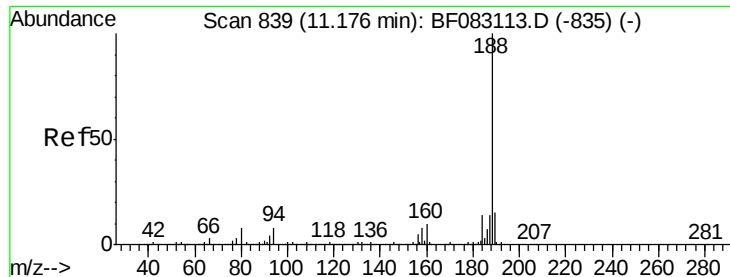
Tgt Ion:163 Resp: 193476

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	11.1	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

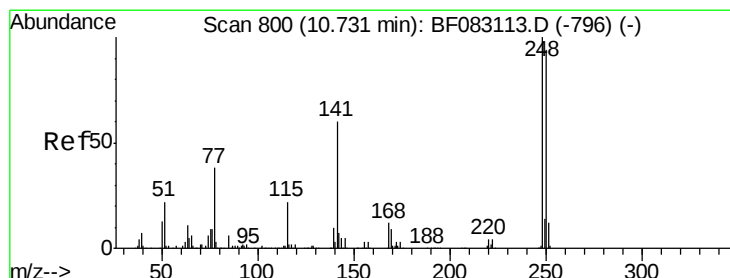
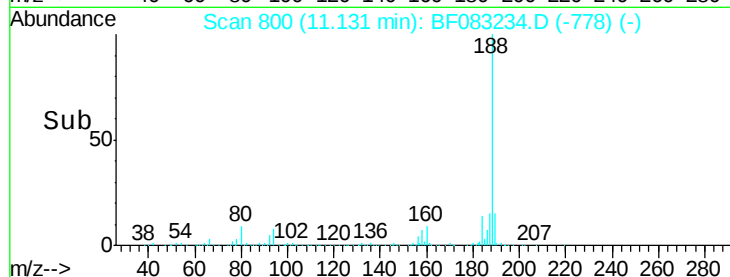
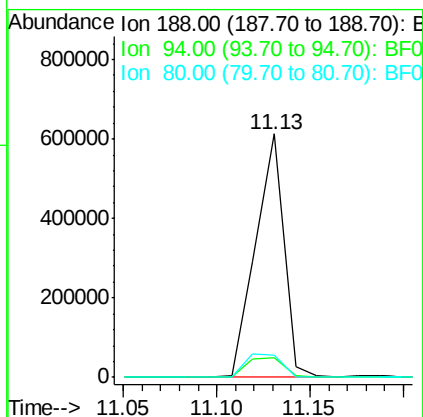
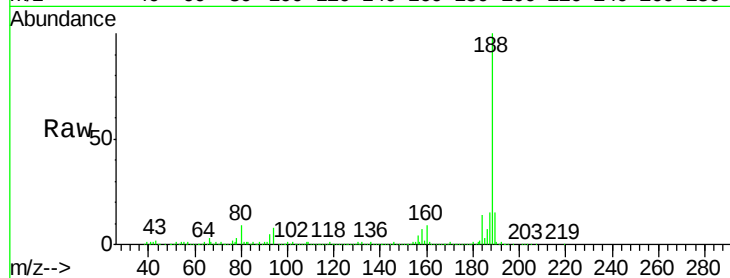




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 800
Delta R.T. -0.05 min
Lab File: BF083234.D
Acq: 24 Nov 2015 13:53

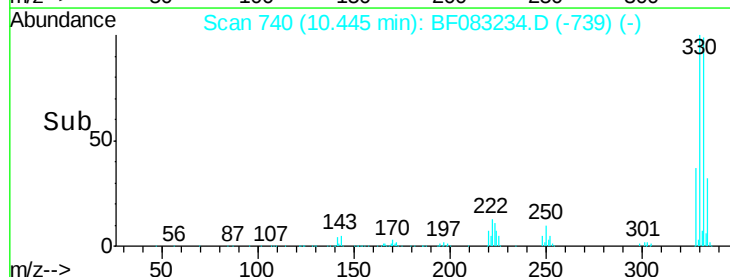
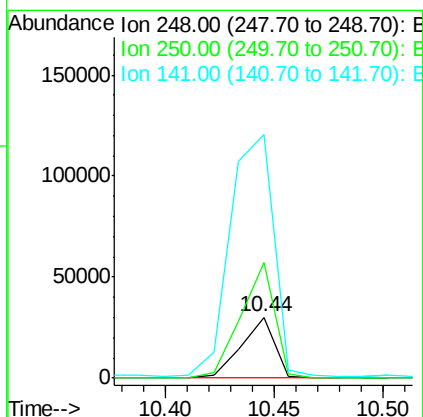
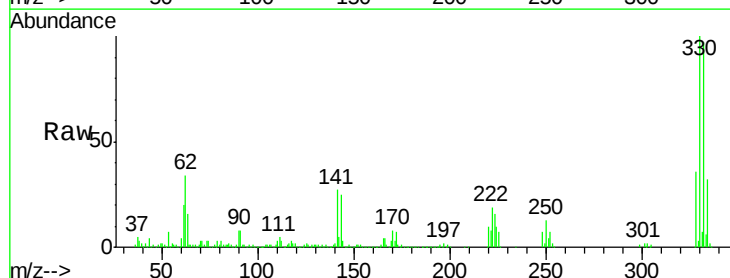
Instrument :
BNA_F
ClientSampleId :

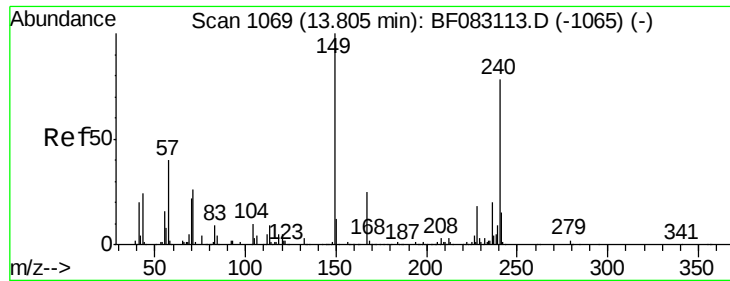
Tot Ion:188 Resp: 641827
Ion Ratio Lower Upper
188 100
94 8.3 6.0 9.0
80 9.1 6.7 10.1



#66
4-Bromophenyl-phenylether
Concen: 4.43 ng
RT: 10.44 min Scan# 740
Delta R.T. -0.29 min
Lab File: BF083234.D
Acq: 24 Nov 2015 13:53

Tgt Ion:248 Resp: 31537
Ion Ratio Lower Upper
248 100
250 189.9 75.4 113.2#
141 401.4 48.1 72.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF083234.D

Acq: 24 Nov 2015 13:53

Instrument :

BNA_F

ClientSampleId :

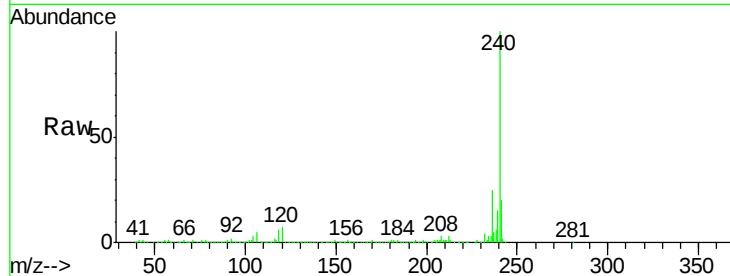
Tot Ion:240 Resp: 602049

Ion Ratio Lower Upper

240 100

120 7.1 5.4 8.2

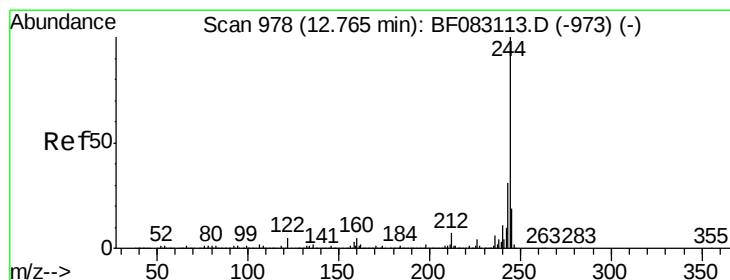
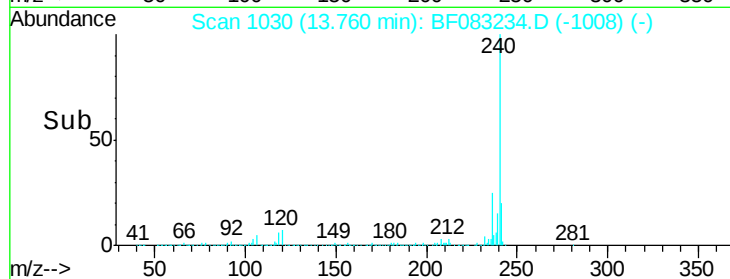
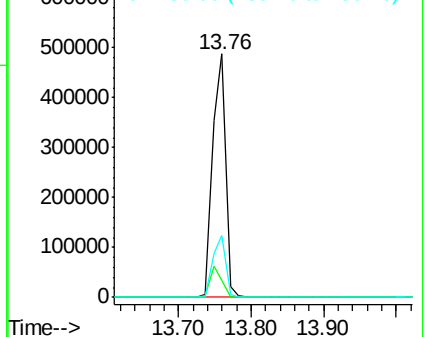
236 25.5 20.6 31.0



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: 69.25 ng

RT: 12.72 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF083234.D

Acq: 24 Nov 2015 13:53

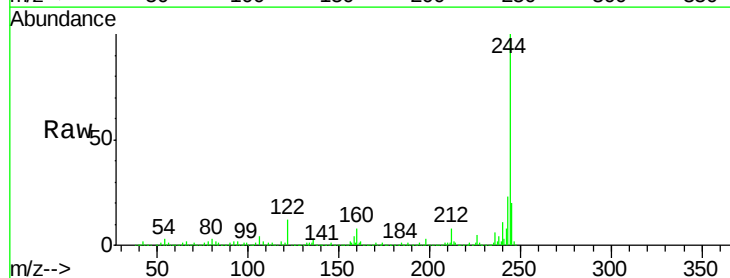
Tgt Ion:244 Resp: 1770604

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

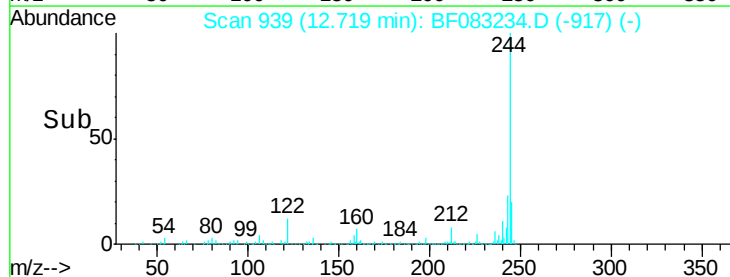
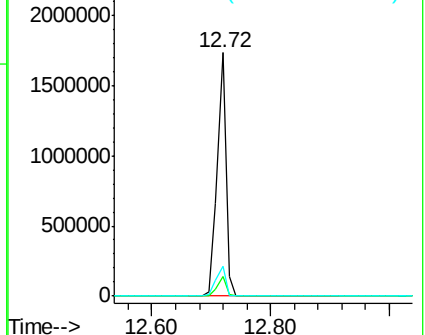
122 12.1 4.3 6.5#

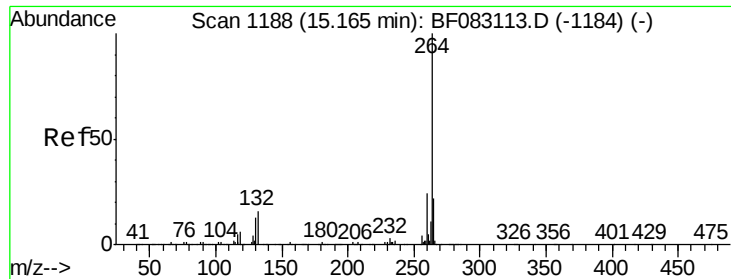


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

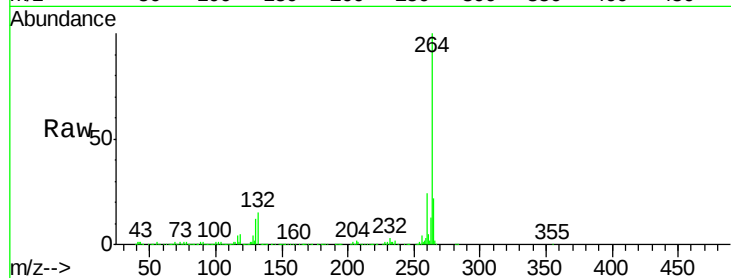




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1149
 Delta R.T. -0.05 min
 Lab File: BF083234.D
 Acq: 24 Nov 2015 13:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 466552
 Ion Ratio Lower Upper
 264 100
 260 23.7 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

