

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083212.D
 Acq On : 23 Nov 2015 19:11
 Operator : UM/IZ
 Sample : G4437-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: Nov 24 05:48:18 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	6.64	152	179909	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	602106	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	322417	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	523017	20.00	ng	0.00
75) Chrysene-d12	13.78	240	413926	20.00	ng	-0.02
86) Perylene-d12	15.14	264	368587	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	811126	68.16	ng	-0.03
7) Phenol-d6	6.34	99	763723	49.60	ng	0.00
23) Nitrobenzene-d5	7.22	82	1612983	122.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	423881	128.51	ng	0.01
44) 2-Fluorobiphenyl	9.02	172	1772207	76.65	ng	-0.01
78) Terphenyl-d14	12.75	244	1619208	92.12	ng	-0.01

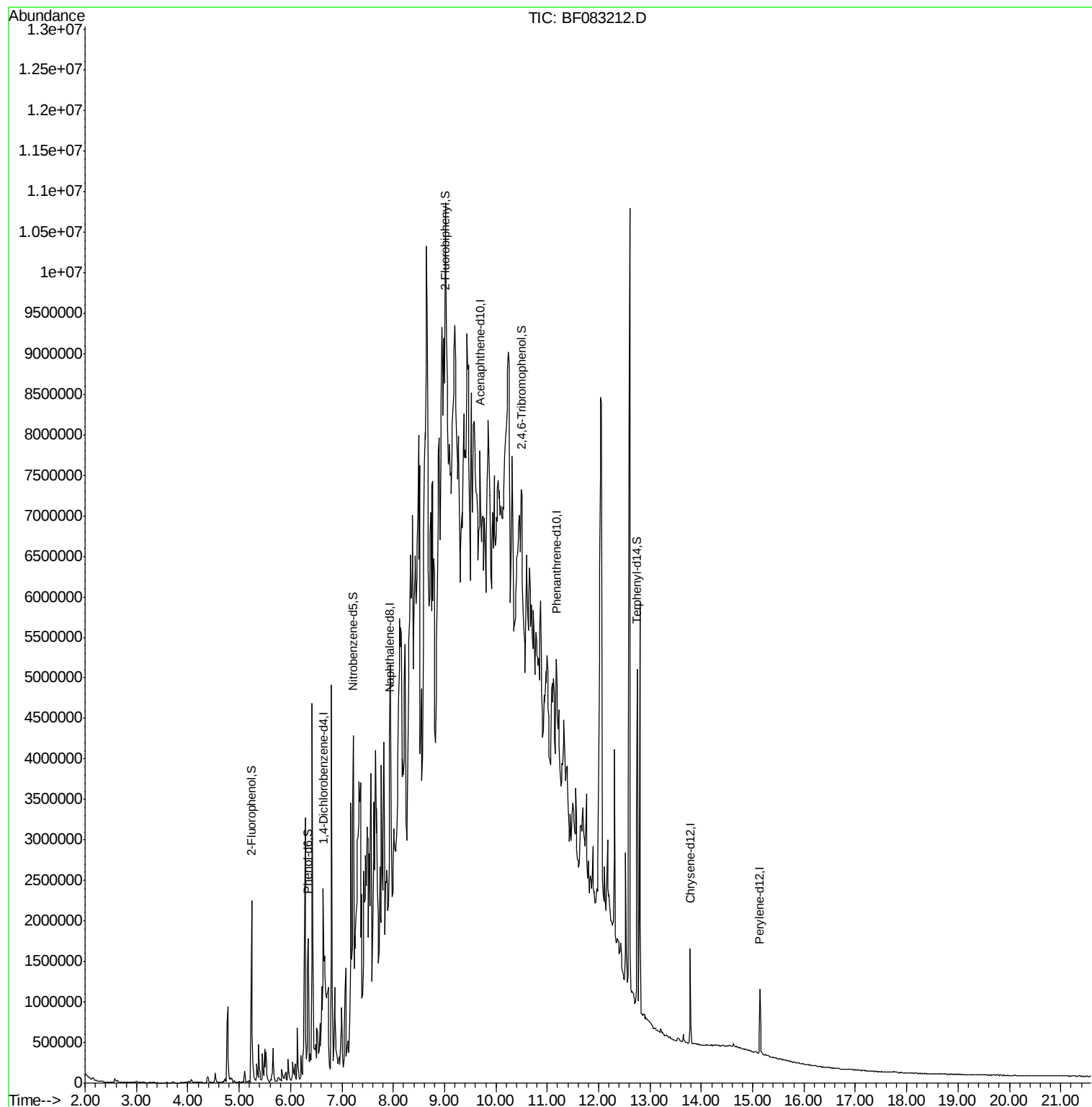
Target Compounds Qvalue

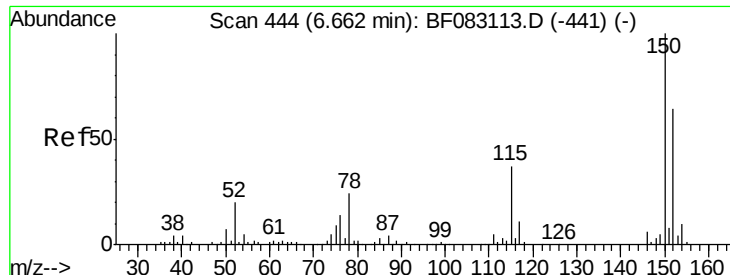
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 05:48:18 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
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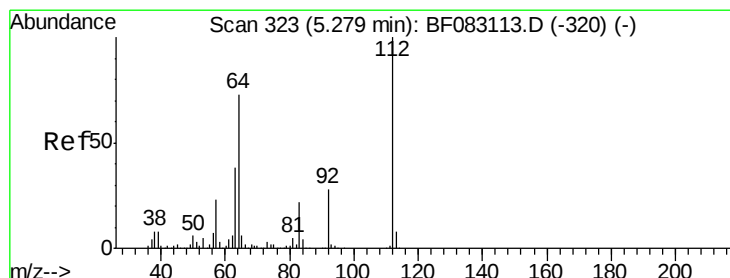
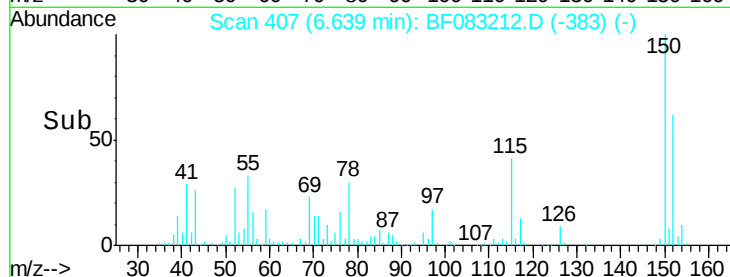
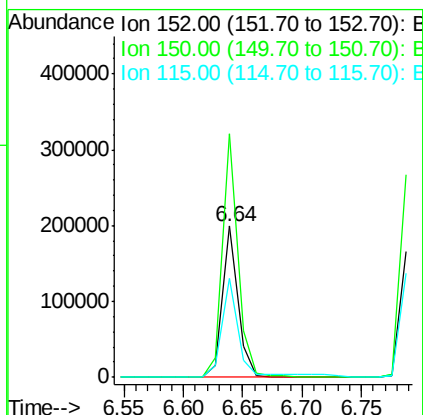
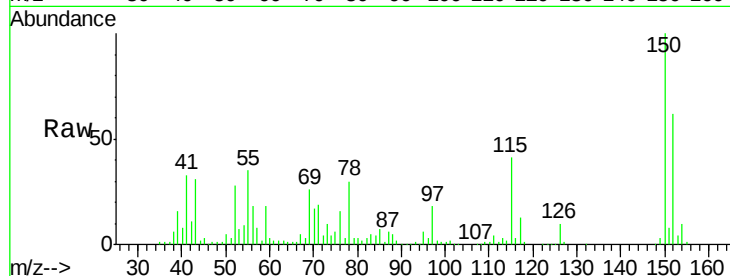


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 407
 Delta R.T. -0.02 min
 Lab File: BF083212.D
 Acq: 23 Nov 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

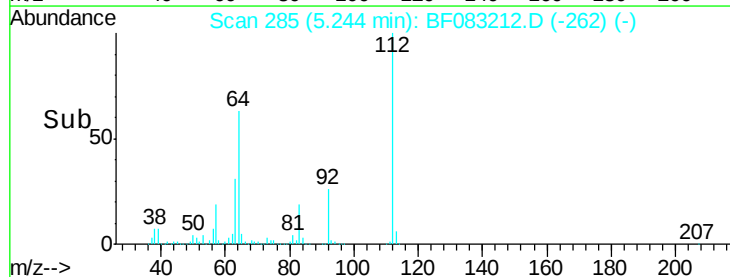
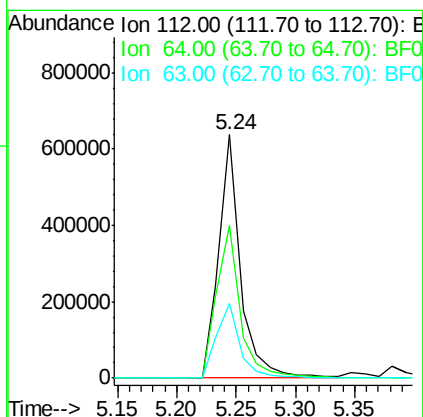
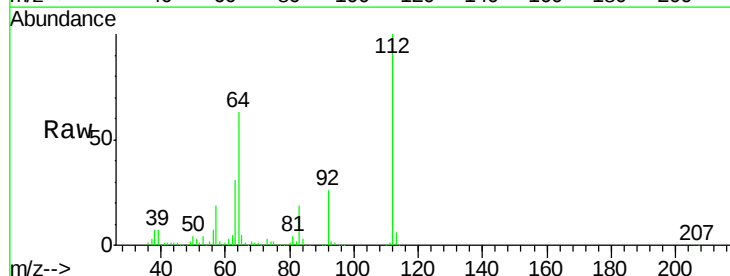
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	125.8	188.8
115	65.9	46.9	70.3

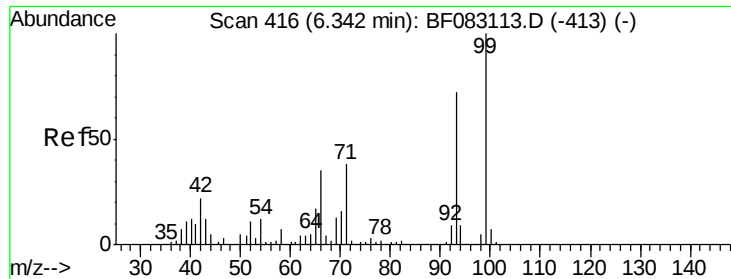


#5

2-Fluorophenol
 Concen: 68.16 ng
 RT: 5.24 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF083212.D
 Acq: 23 Nov 2015 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	58.4	87.6
63	30.9	30.0	45.0





#7

Phenol-d6

Concen: 49.60 ng

RT: 6.34 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF083212.D

Acq: 23 Nov 2015 19:11

Instrument :

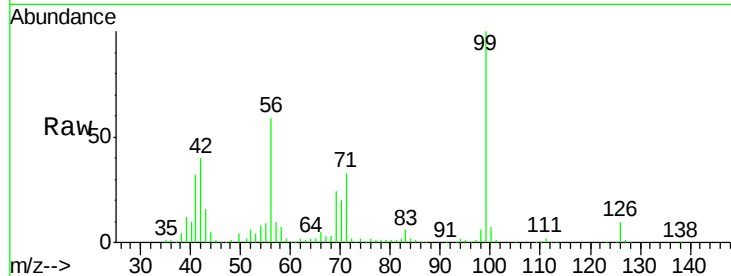
BNA_F

ClientSampleId :

MW-22

Tot Ion: 99 Resp: 763723

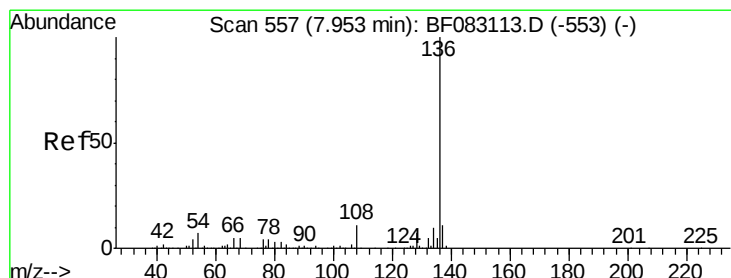
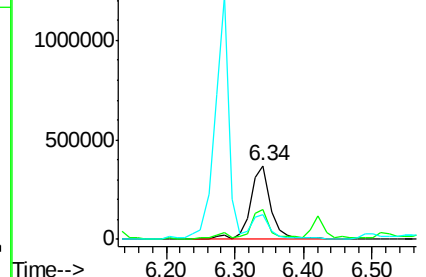
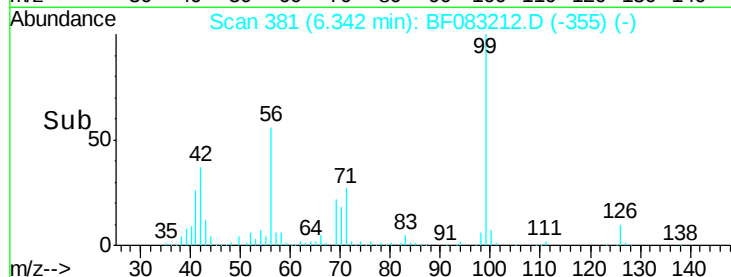
Ion	Ratio	Lower	Upper
99	100		
42	40.2	17.7	26.5#
71	33.2	30.2	45.4



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: 7.93 min Scan# 520

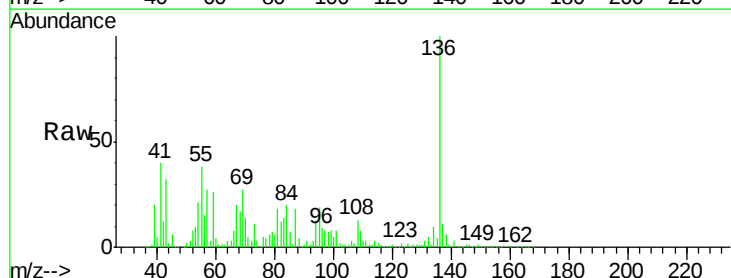
Delta R.T. -0.02 min

Lab File: BF083212.D

Acq: 23 Nov 2015 19:11

Tgt Ion: 136 Resp: 602106

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	20.7	5.8	8.6#
68	16.6	3.8	5.8#

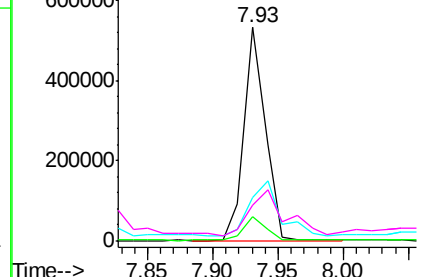
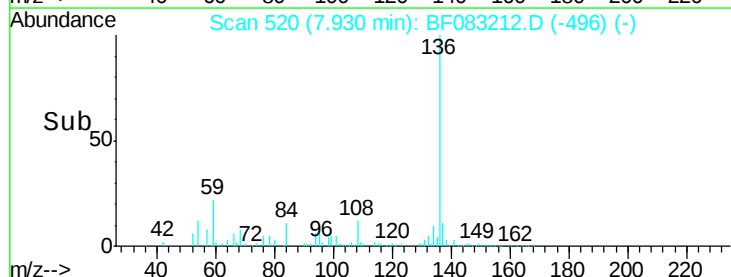


Abundance Ion 136.00 (135.70 to 136.70): E

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

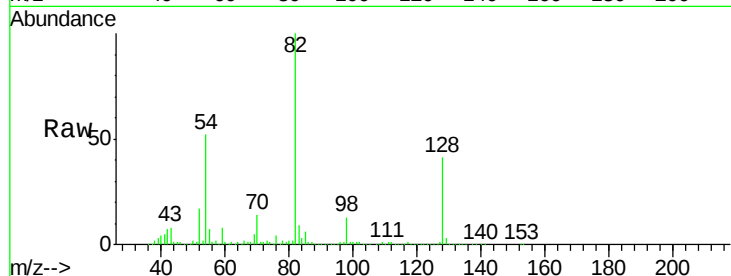




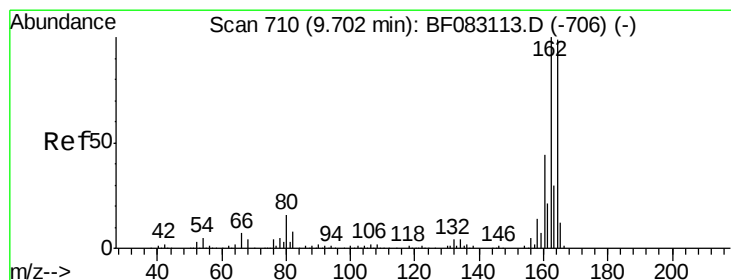
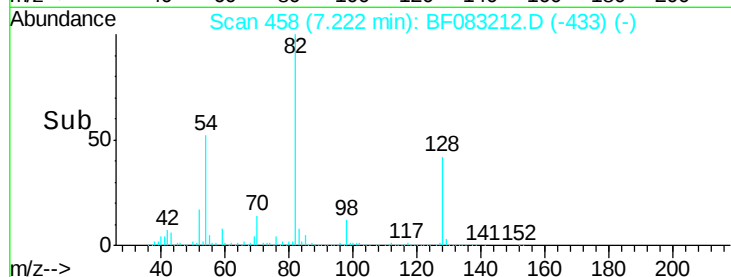
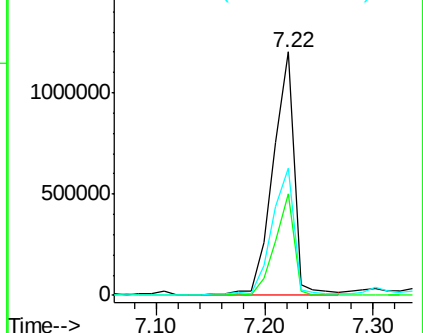
#23
Nitrobenzene-d5
Concen: 122.41 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083212.D
Acq: 23 Nov 2015 19:11

Instrument :
BNA_F
ClientSampleId :
MW-22

Tot Ion: 82 Resp: 1612983
Ion Ratio Lower Upper
82 100
128 41.5 28.5 42.7
54 52.1 44.6 67.0

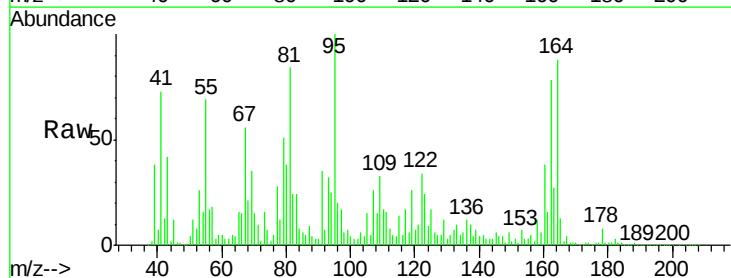


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

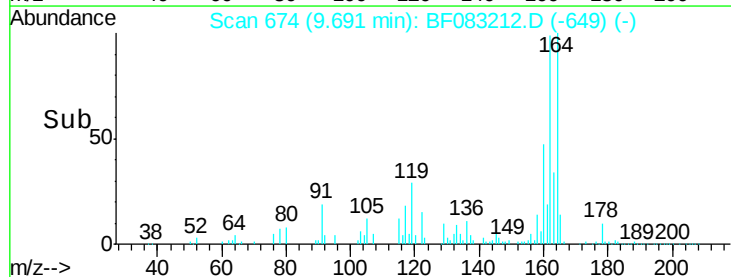
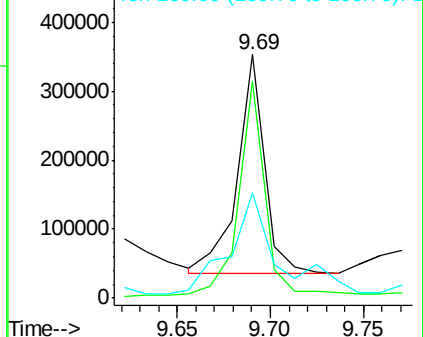


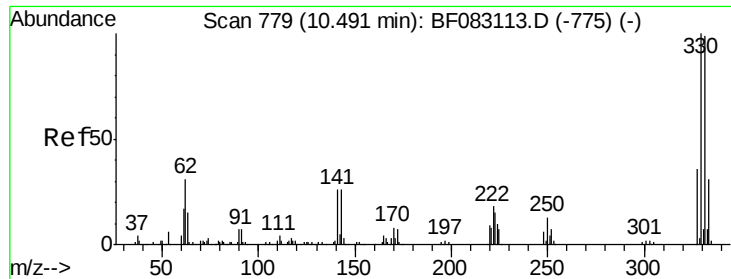
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083212.D
Acq: 23 Nov 2015 19:11

Tgt Ion:164 Resp: 322417
Ion Ratio Lower Upper
164 100
162 88.8 81.2 121.8
160 43.1 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

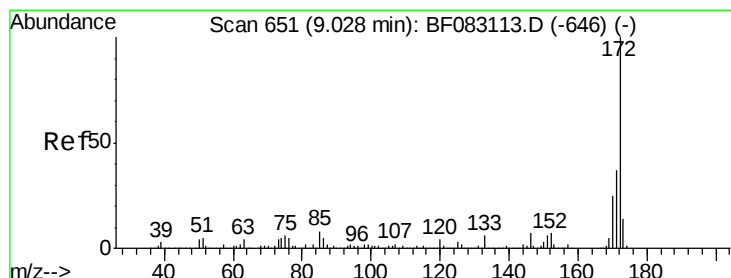
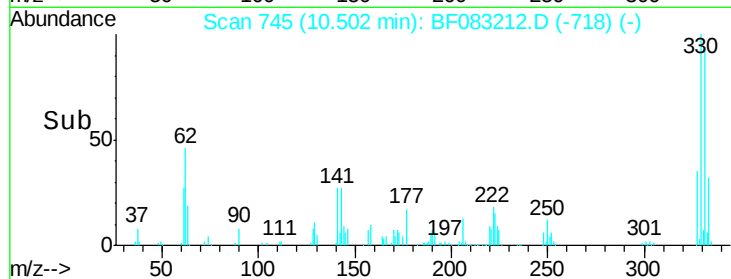
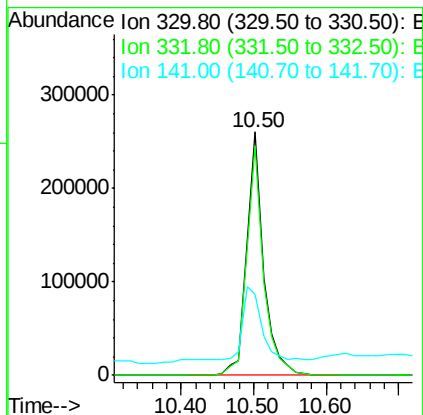
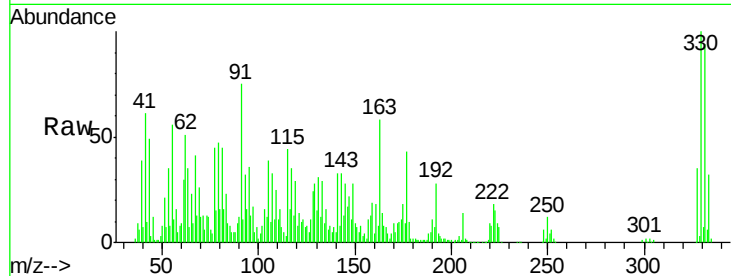




#41
 2,4,6-Tribromophenol
 Concen: 128.51 ng
 RT: 10.50 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF083212.D
 Acq: 23 Nov 2015 19:11

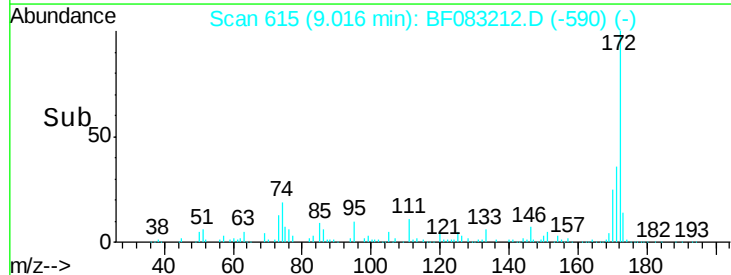
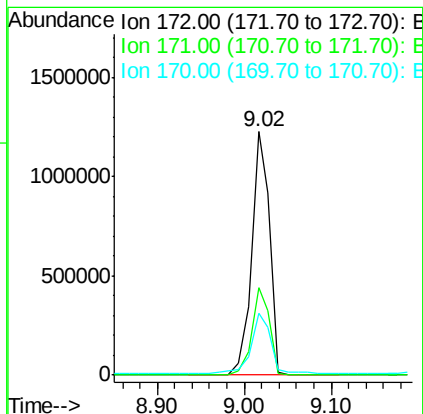
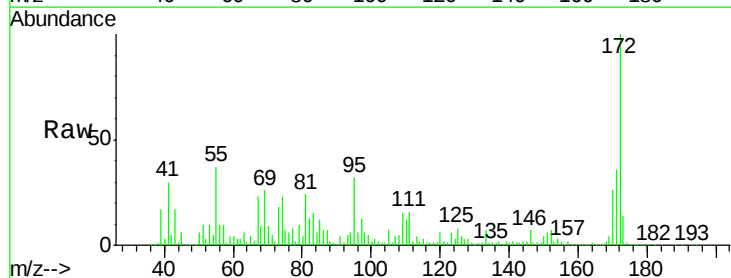
Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Tot Ion:330 Resp: 423881
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.7 116.5
 141 44.7 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 76.65 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083212.D
 Acq: 23 Nov 2015 19:11

Tgt Ion:172 Resp: 1772207
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.5 44.3
 170 25.6 19.9 29.9

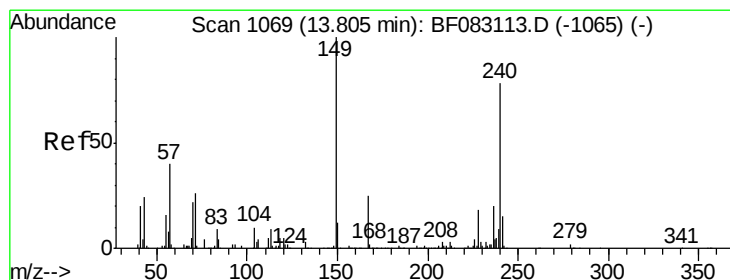
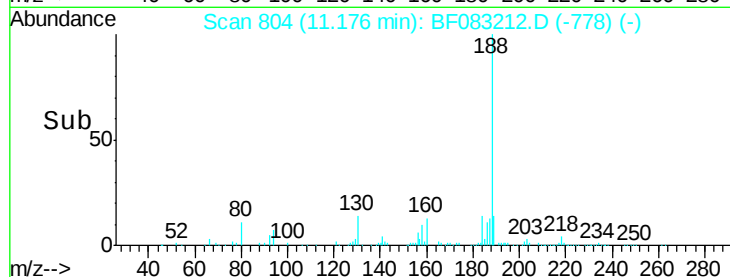
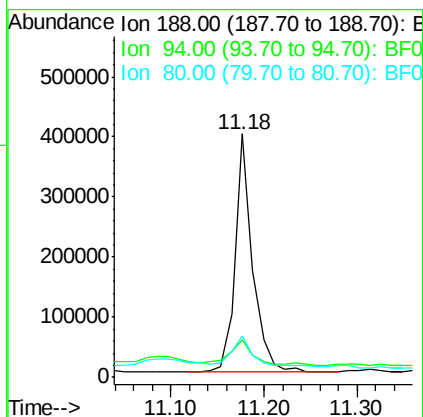
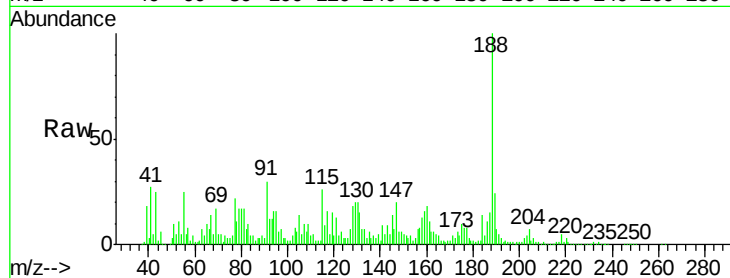




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF083212.D
Acq: 23 Nov 2015 19:11

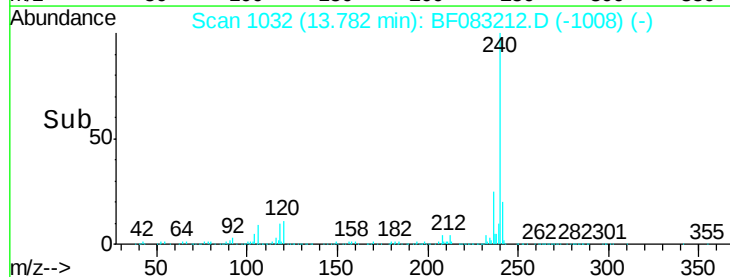
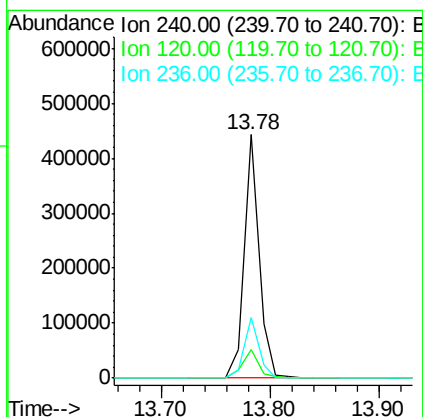
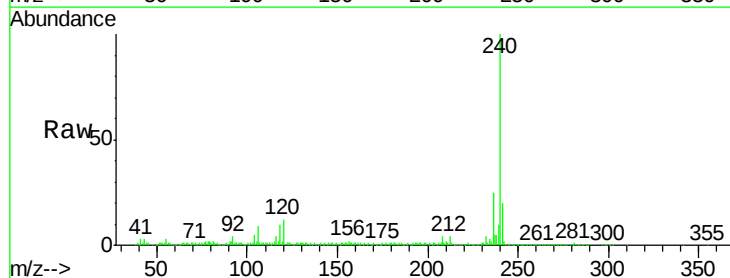
Instrument :
BNA_F
ClientSampled :
MW-22

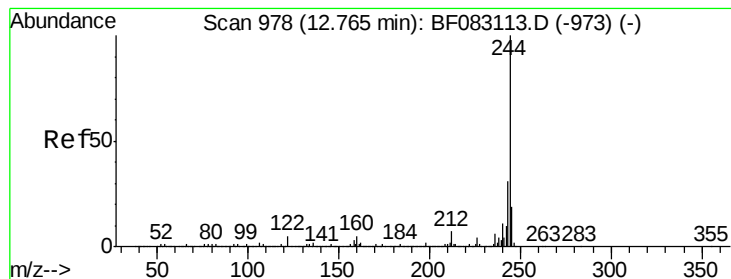
Tot Ion:188 Resp: 523017
Ion Ratio Lower Upper
188 100
94 15.5 6.0 9.0#
80 16.8 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083212.D
Acq: 23 Nov 2015 19:11

Tgt Ion:240 Resp: 413926
Ion Ratio Lower Upper
240 100
120 11.6 5.4 8.2#
236 24.9 20.6 31.0





#78

Terphenyl-d14

Concen: 92.12 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083212.D

Acq: 23 Nov 2015 19:11

Instrument :

BNA_F

ClientSampleId :

MW-22

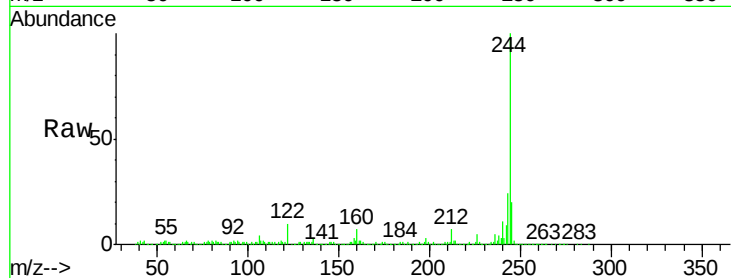
Tot Ion:244 Resp: 1619208

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

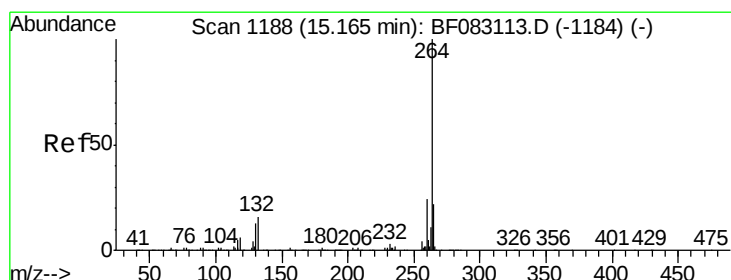
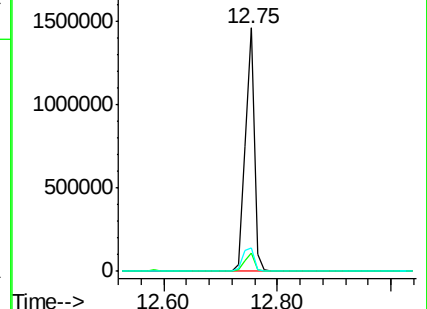
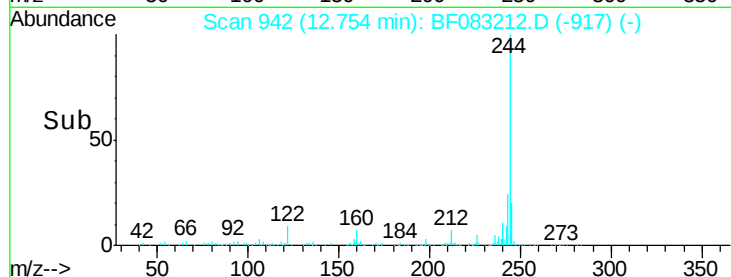
122 9.8 4.3 6.5#



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: BF083212.D

Acq: 23 Nov 2015 19:11

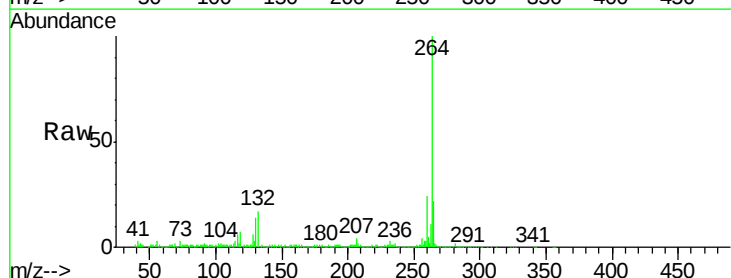
Tgt Ion:264 Resp: 368587

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 22.5 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

