

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083312.D
 Acq On : 26 Nov 2015 11:33
 Operator : UM/IZ
 Sample : G4534-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Quant Time: Nov 26 16:30:39 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	6.59	152	142091	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	486250	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	207356	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	364131	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	403780	20.00	ng	-0.08
86) Perylene-d12	15.07	264	294914	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	448878	47.76	ng	-0.09
7) Phenol-d6	6.26	99	362111	29.78	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1167882	109.75	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	183411	86.46	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1470597	98.90	ng	-0.07
78) Terphenyl-d14	12.68	244	1240566	72.35	ng	-0.08

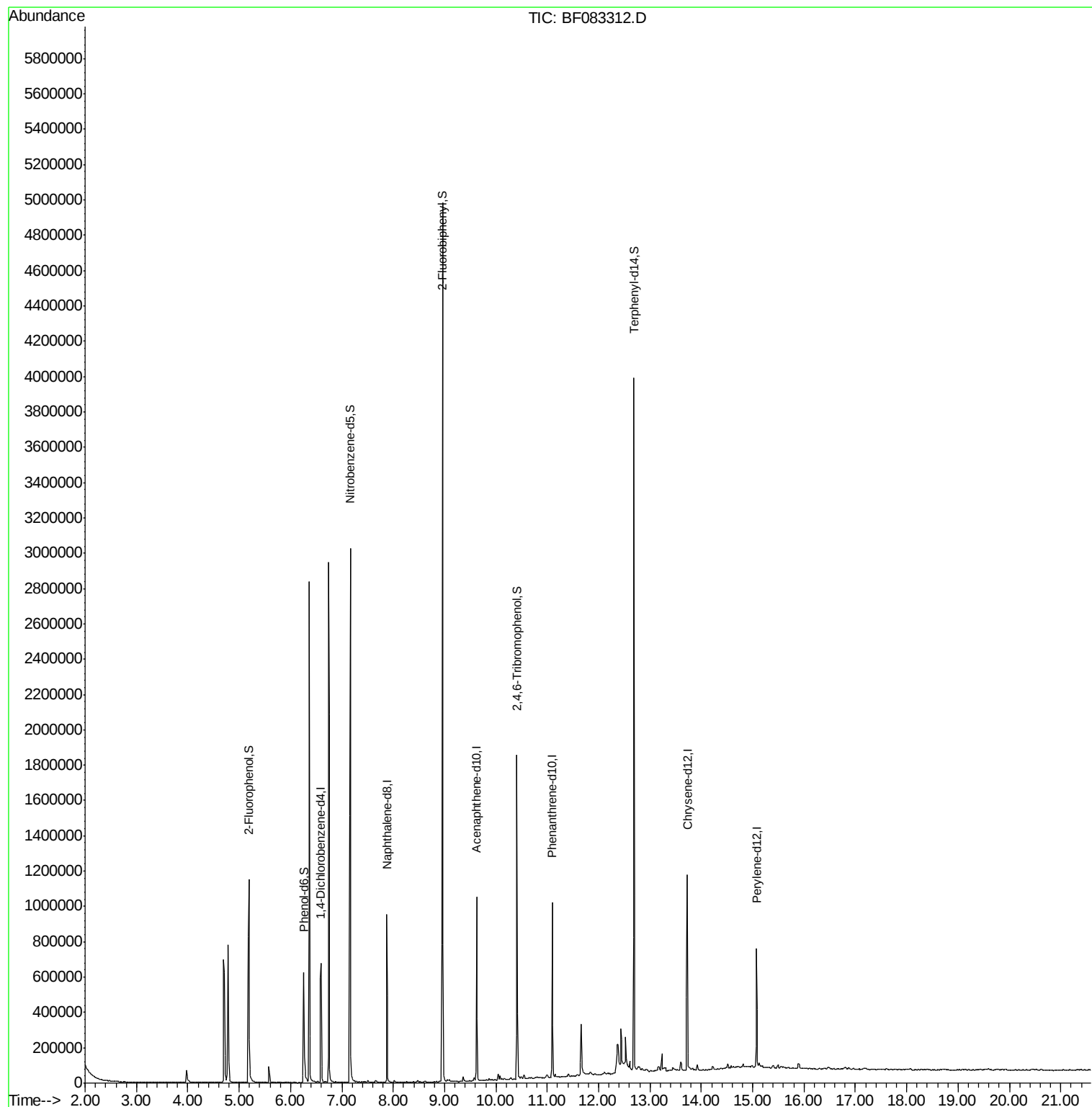
Target Compounds Qvalue

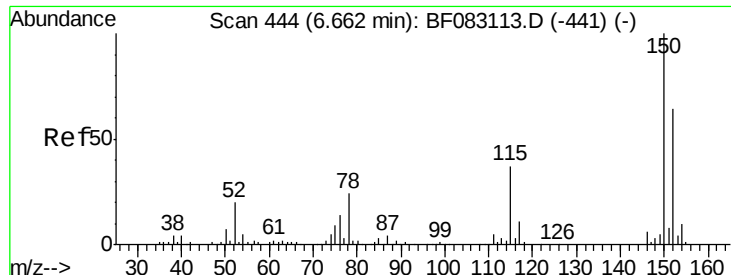
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
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QLast Update : Sun Nov 22 09:22:46 2015
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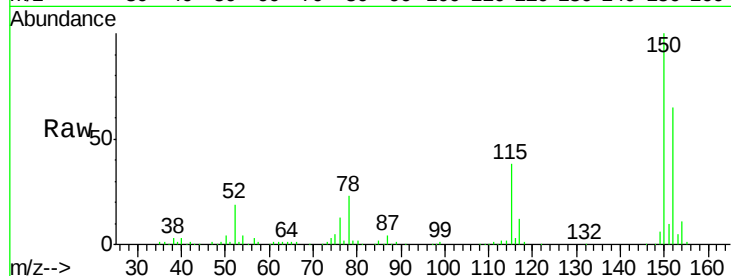


#1

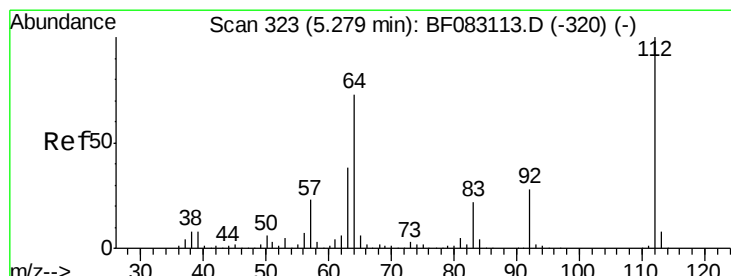
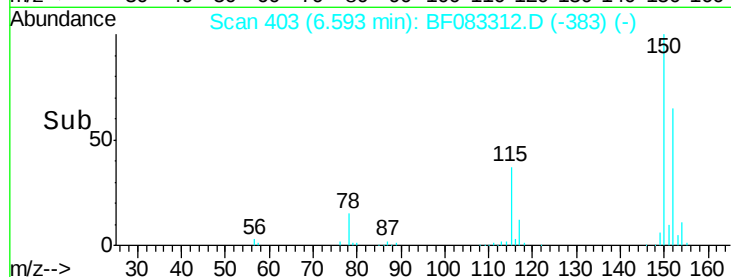
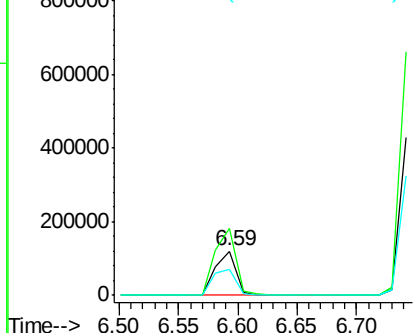
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 403
Delta R.T. -0.07 min
Lab File: BF083312.D
Acq: 26 Nov 2015 11:33

Instrument :
BNA_F
ClientSampleId :
MW-25

Tot Ion:152 Resp: 142091
Ion Ratio Lower Upper
152 100
150 153.0 125.8 188.8
115 57.7 46.9 70.3



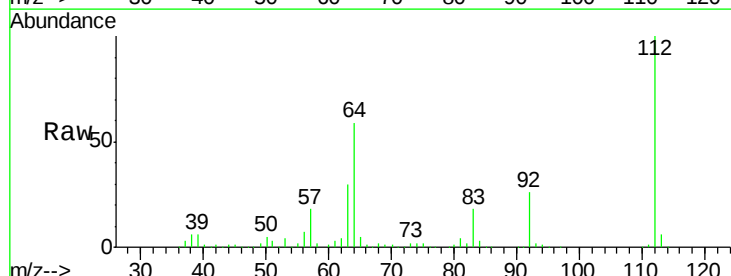
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



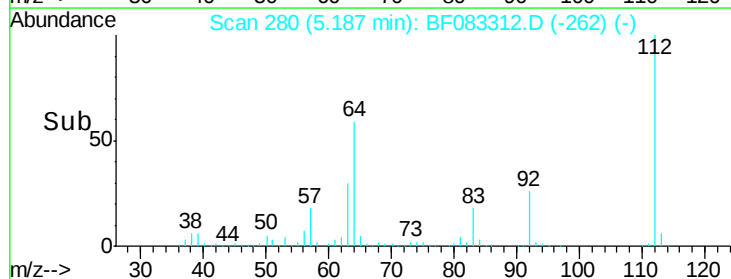
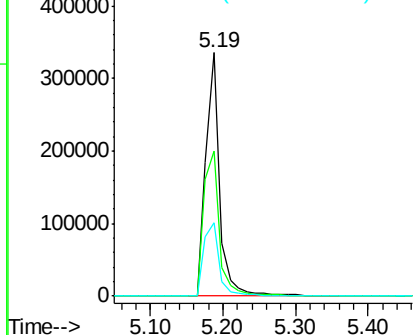
#5

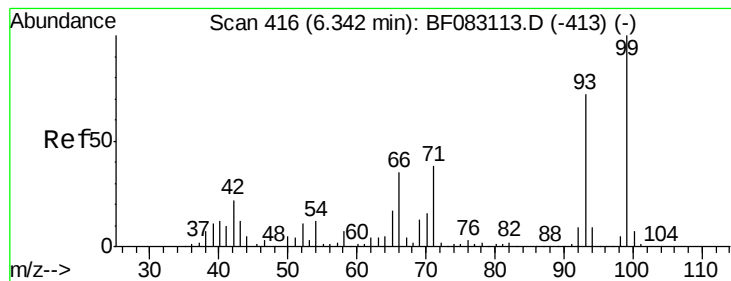
2-Fluorophenol
Concen: 47.76 ng
RT: 5.19 min Scan# 280
Delta R.T. -0.09 min
Lab File: BF083312.D
Acq: 26 Nov 2015 11:33

Tgt Ion:112 Resp: 448878
Ion Ratio Lower Upper
112 100
64 59.4 58.4 87.6
63 30.2 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: 29.78 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083312.D

Acq: 26 Nov 2015 11:33

Instrument :

BNA_F

ClientSampleId :

MW-25

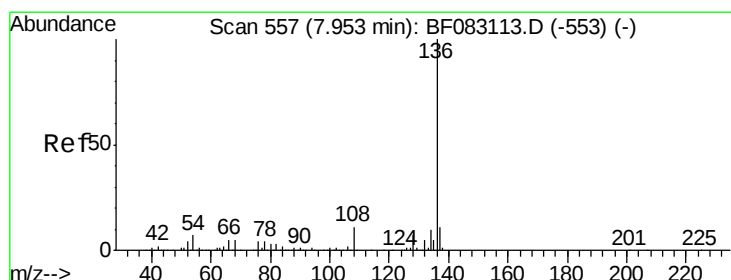
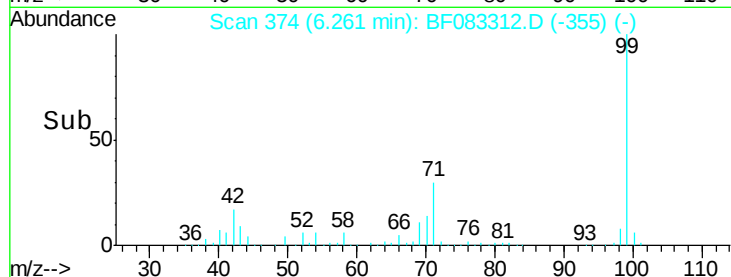
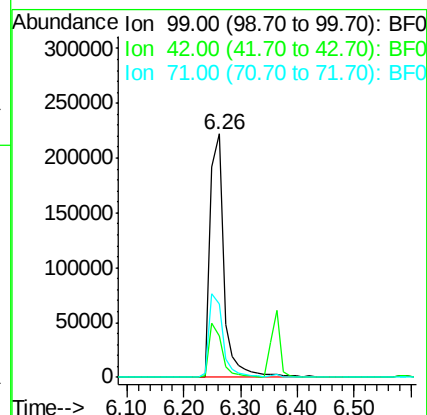
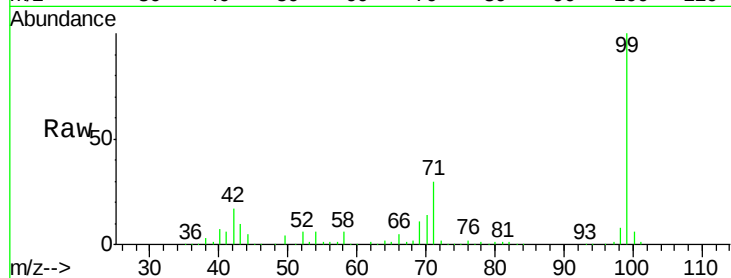
Tot Ion: 99 Resp: 362111

Ion Ratio Lower Upper

99 100

42 17.1 17.7 26.5#

71 30.2 30.2 45.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083312.D

Acq: 26 Nov 2015 11:33

Tgt Ion: 136 Resp: 486250

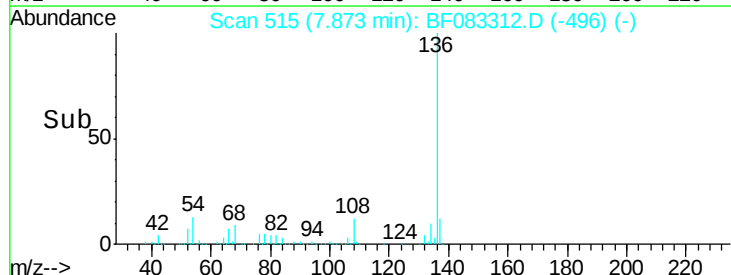
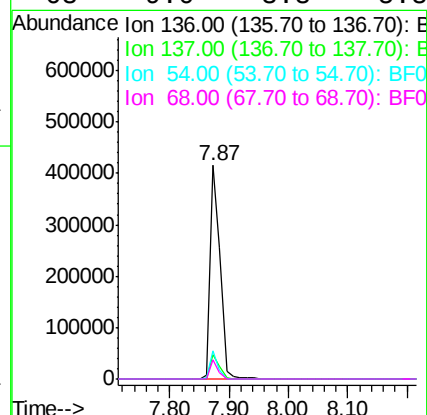
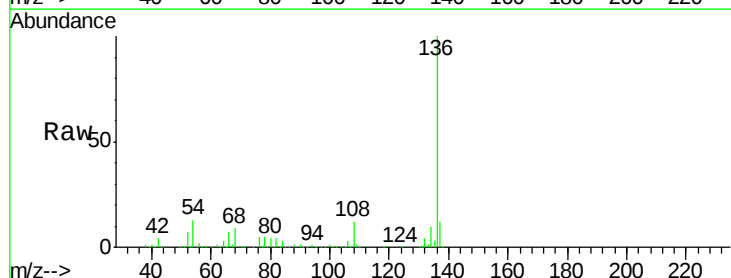
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 13.5 5.8 8.6#

68 9.0 3.8 5.8#



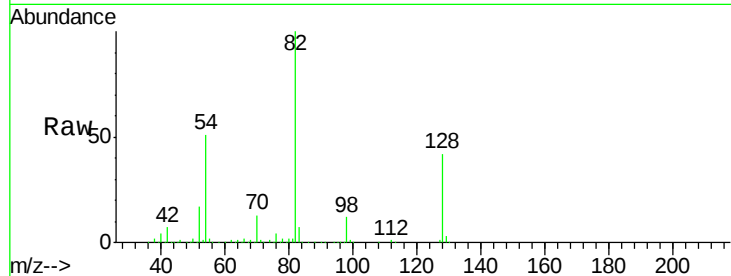


#23
 Nitrobenzene-d5
 Concen: 109.75 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083312.D
 Acq: 26 Nov 2015 11:33

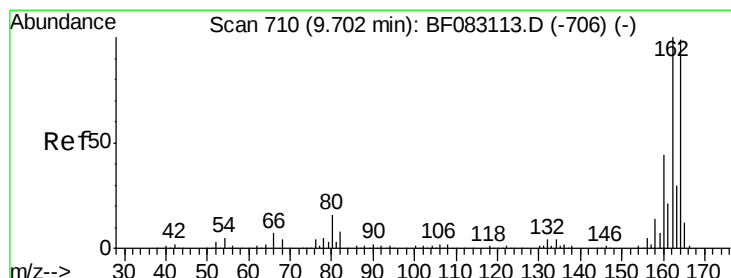
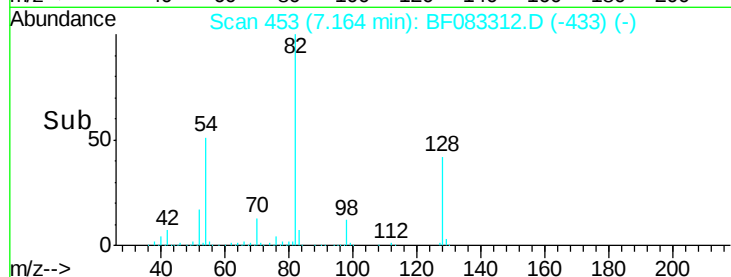
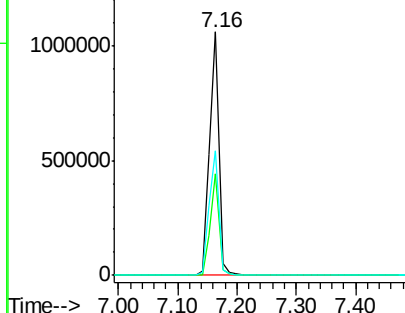
Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Tot Ion: 82 Resp: 1167882

Ion	Ratio	Lower	Upper
82	100		
128	41.9	28.5	42.7
54	51.2	44.6	67.0



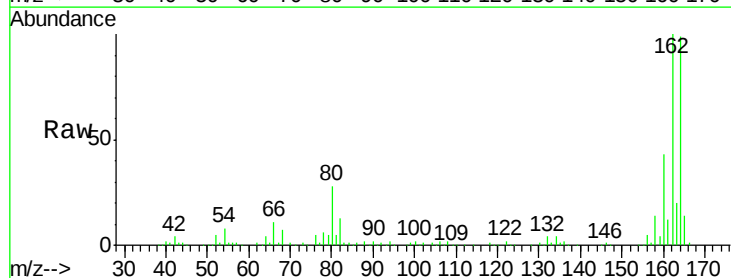
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



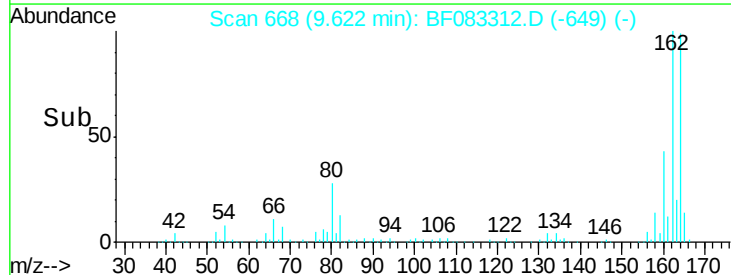
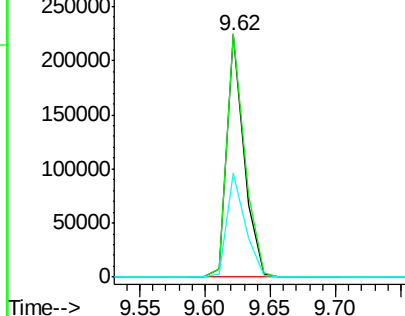
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083312.D
 Acq: 26 Nov 2015 11:33

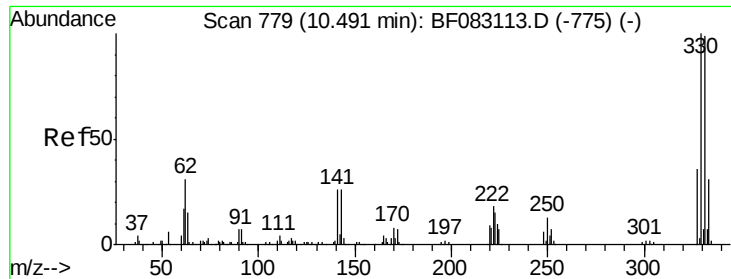
Tgt Ion:164 Resp: 207356

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.2	121.8
160	42.7	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

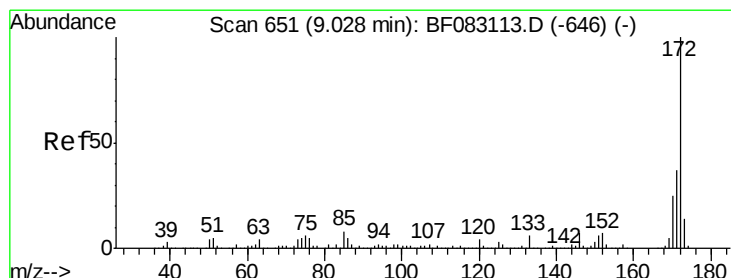
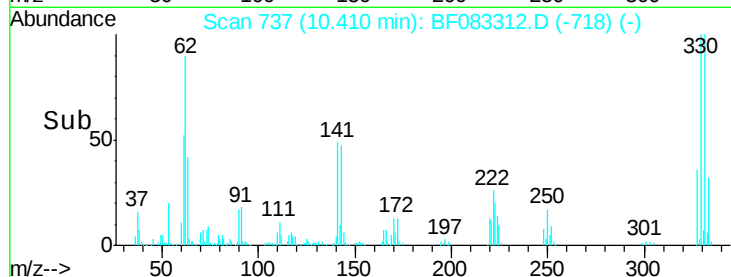
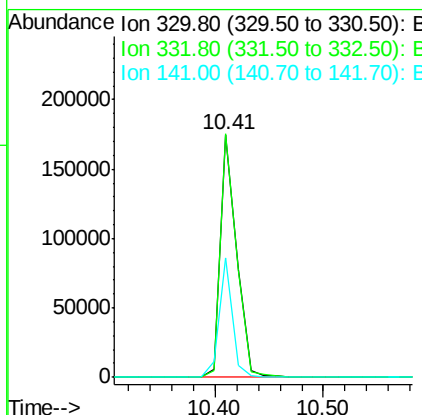
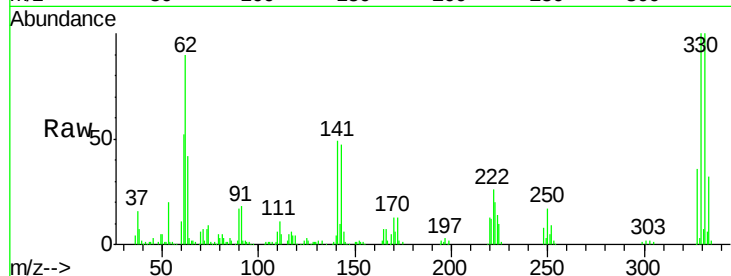




#41
 2,4,6-Tribromophenol
 Concen: 86.46 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083312.D
 Acq: 26 Nov 2015 11:33

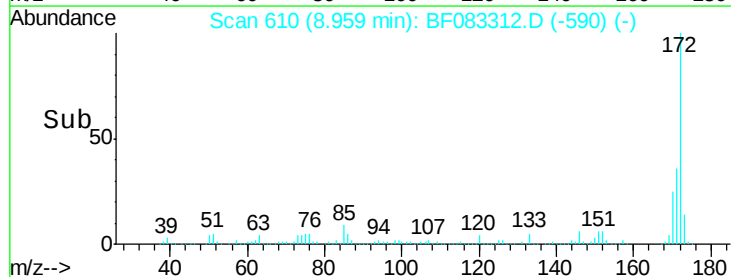
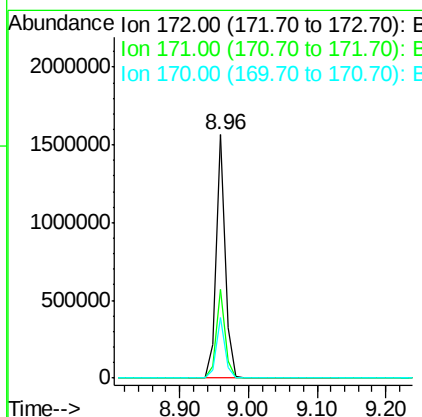
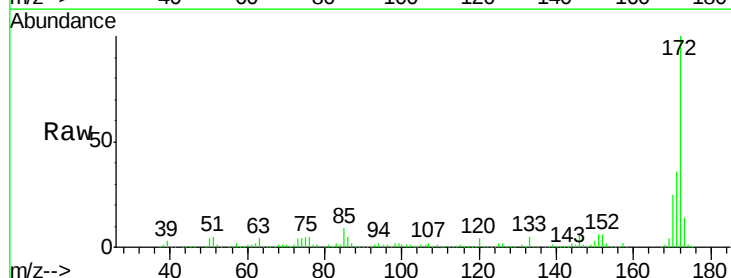
Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.7	116.5
141	40.4	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 98.90 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083312.D
 Acq: 26 Nov 2015 11:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	24.7	19.9	29.9

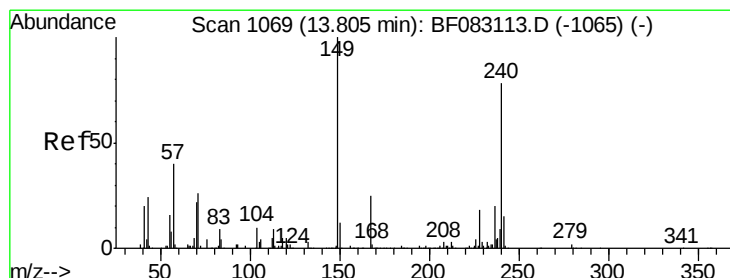
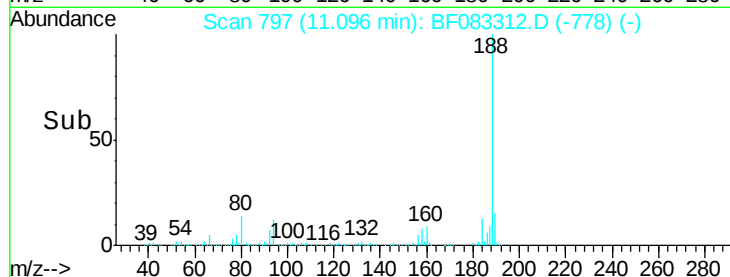
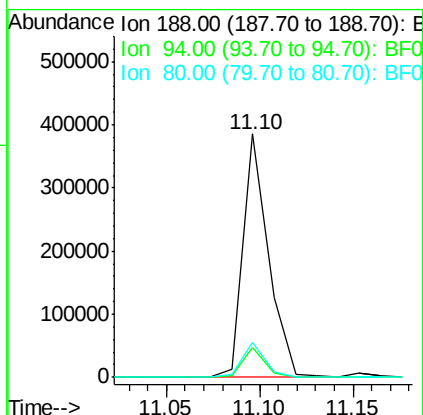
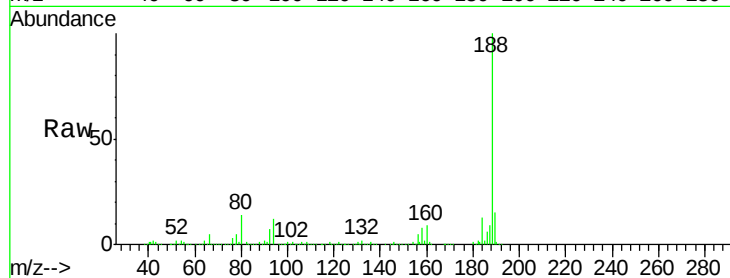




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083312.D
Acq: 26 Nov 2015 11:33

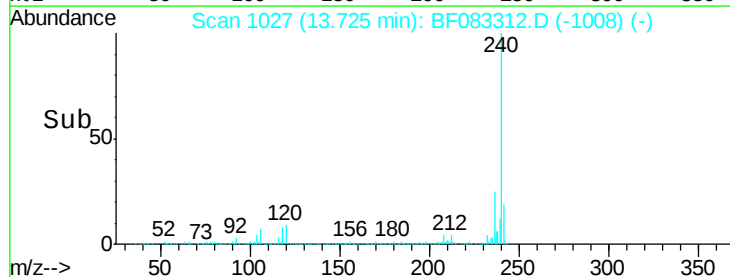
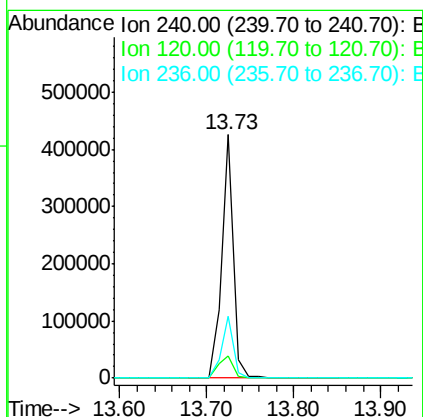
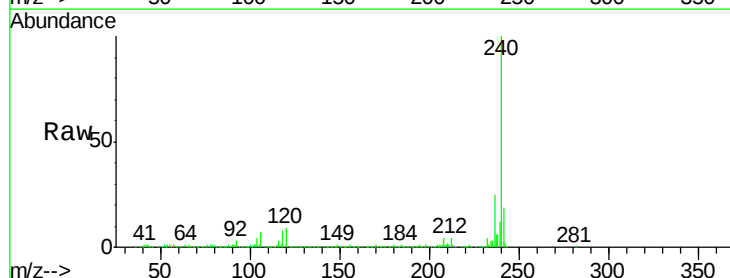
Instrument :
BNA_F
ClientSampleId :
MW-25

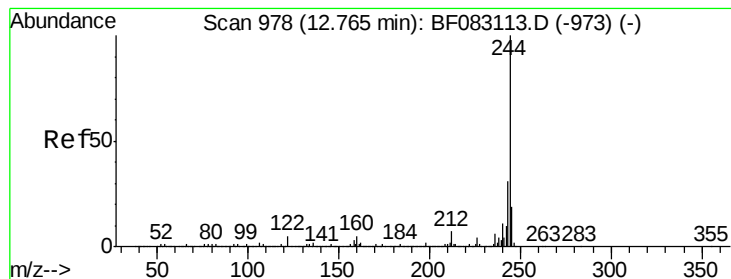
Tot Ion:188 Resp: 364131
Ion Ratio Lower Upper
188 100
94 12.5 6.0 9.0#
80 14.3 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083312.D
Acq: 26 Nov 2015 11:33

Tgt Ion:240 Resp: 403780
Ion Ratio Lower Upper
240 100
120 9.3 5.4 8.2#
236 25.4 20.6 31.0





#78

Terphenyl-d14

Concen: 72.35 ng

RT: 12.68 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083312.D

Acq: 26 Nov 2015 11:33

Instrument :

BNA_F

ClientSampleId :

MW-25

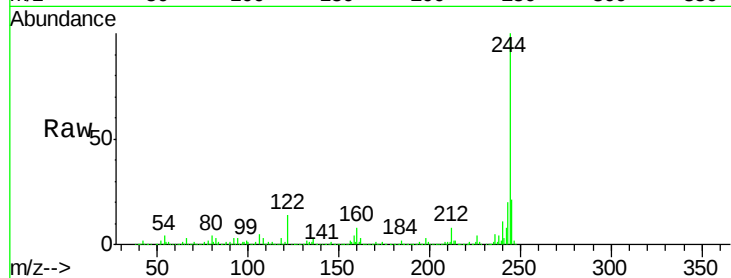
Tot Ion:244 Resp: 1240566

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

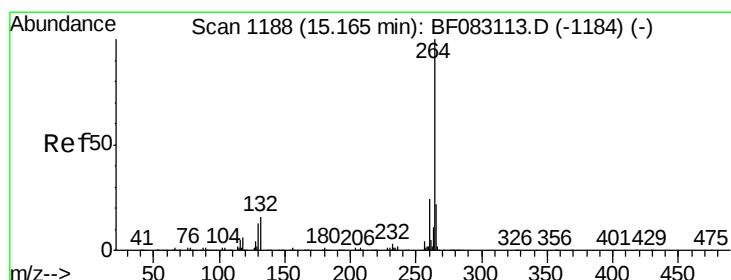
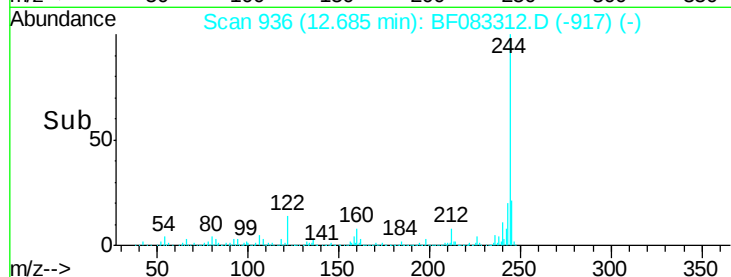
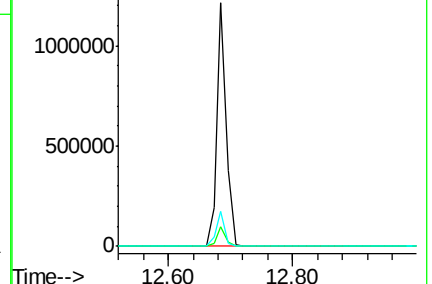
122 14.5 4.3 6.5#



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: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083312.D

Acq: 26 Nov 2015 11:33

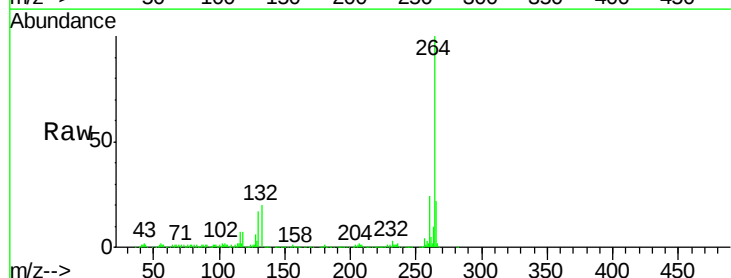
Tgt Ion:264 Resp: 294914

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.0 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

