

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083190.D
 Acq On : 23 Nov 2015 6:29
 Operator : UM/IZ
 Sample : G4437-03
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Quant Time: Nov 23 06:58:20 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	217436	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	777982	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	350036	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	559923	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	477897	20.00	ng	-0.02
86) Perylene-d12	15.15	264	373066	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	830080	57.72	ng	-0.03
7) Phenol-d6	6.31	99	712681	38.30	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1521844	89.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	438051	122.32	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2262865	90.15	ng	-0.01
78) Terphenyl-d14	12.75	244	1801815	88.78	ng	-0.01

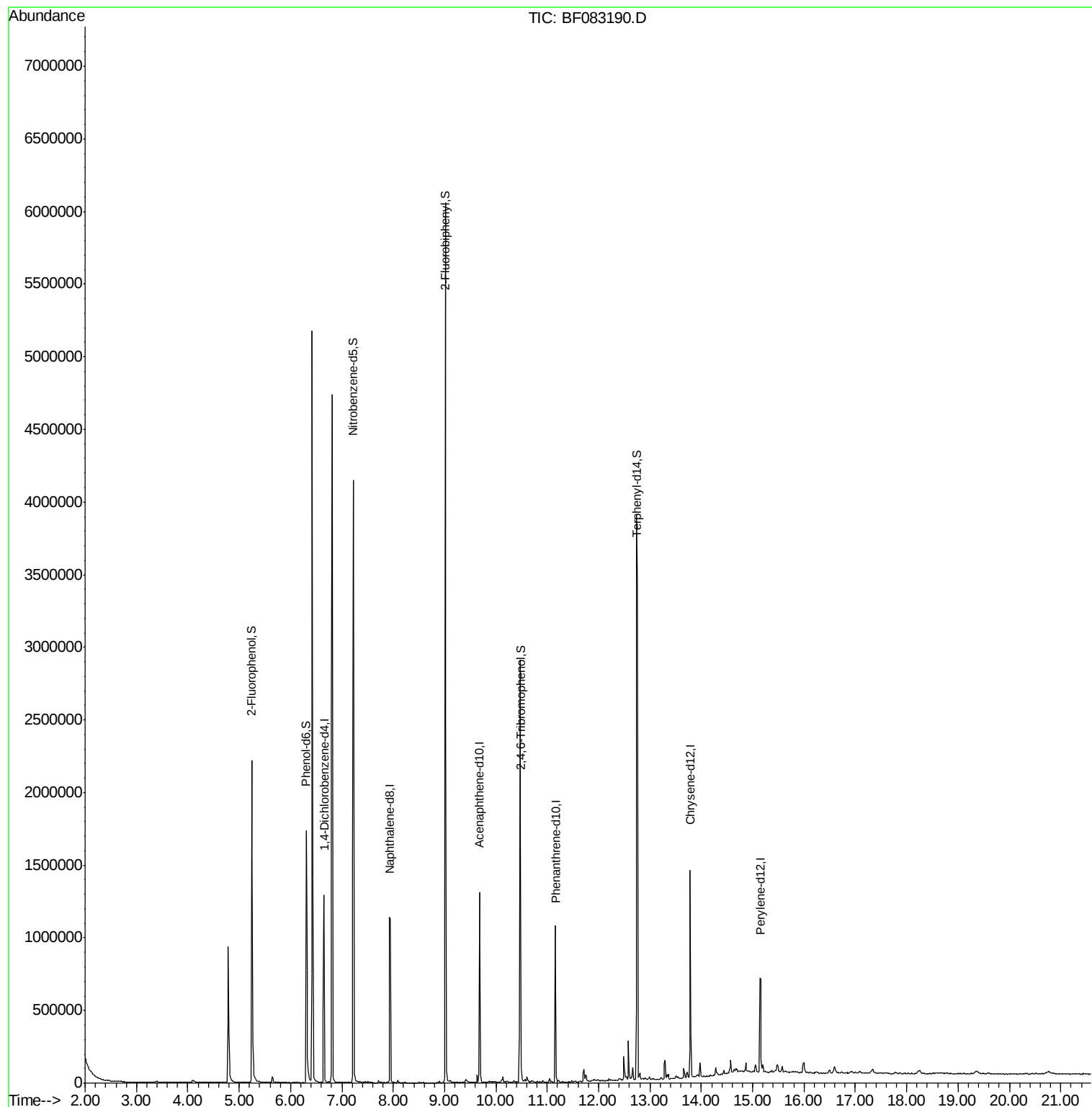
Target Compounds Qvalue

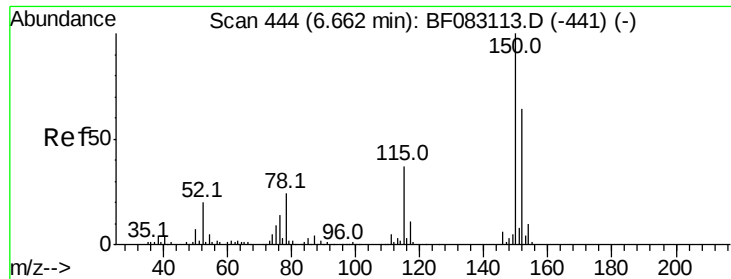
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 06:58:20 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: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083190.D

Acq: 23 Nov 2015 6:29

Instrument :

BNA_F

ClientSampleId :

MW-34

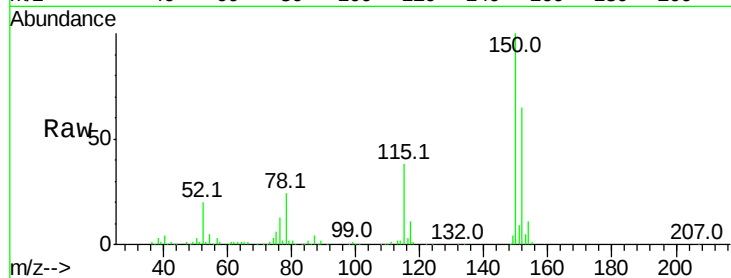
Tot Ion:152 Resp: 217436

Ion Ratio Lower Upper

152 100

150 153.2 125.8 188.8

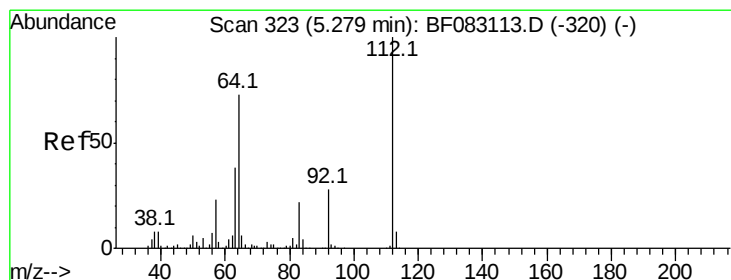
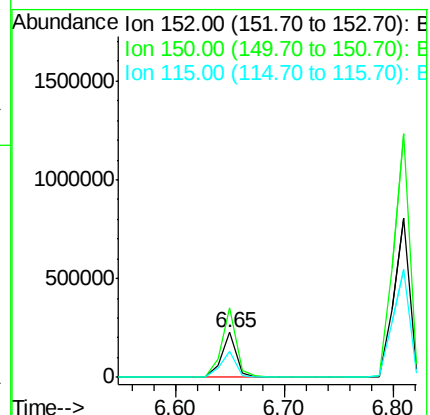
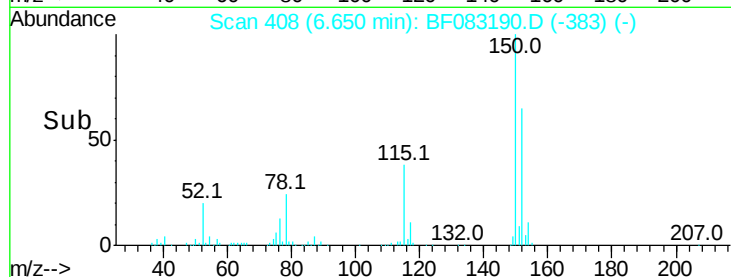
115 57.9 46.9 70.3



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: 57.72 ng

RT: 5.24 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF083190.D

Acq: 23 Nov 2015 6:29

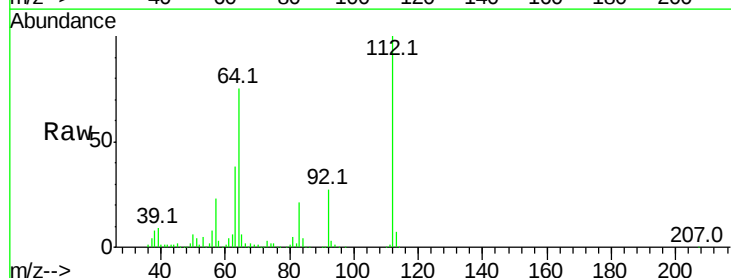
Tgt Ion:112 Resp: 830080

Ion Ratio Lower Upper

112 100

64 75.2 58.4 87.6

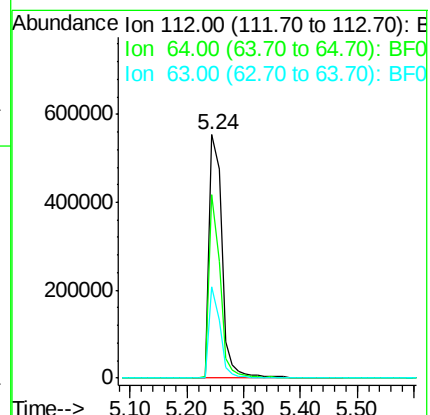
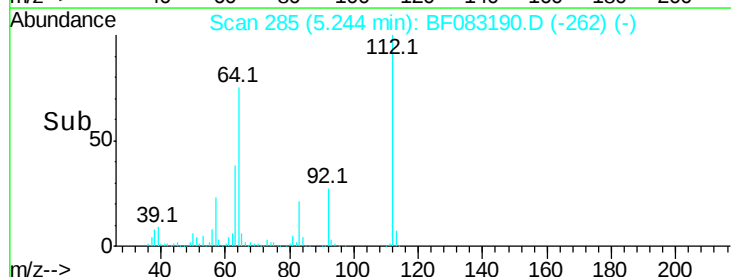
63 37.5 30.0 45.0

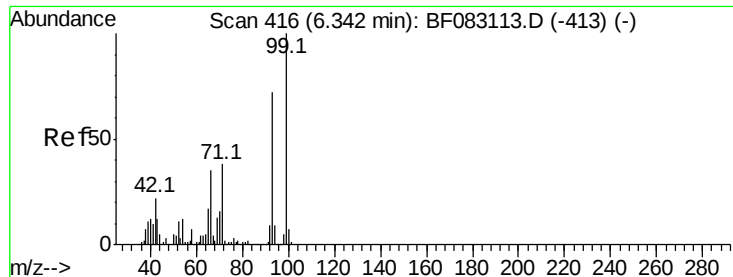


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.30 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083190.D

Acq: 23 Nov 2015 6:29

Instrument :

BNA_F

ClientSampleId :

MW-34

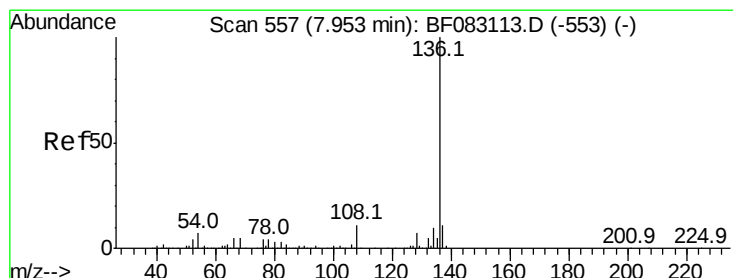
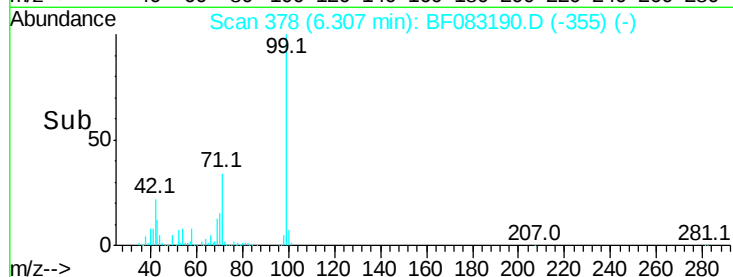
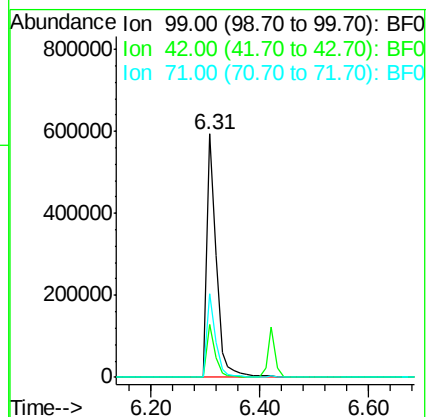
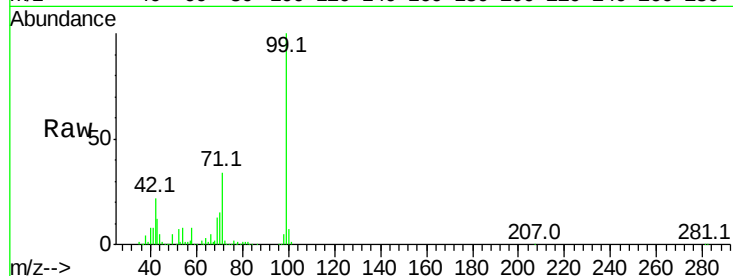
Tot Ion: 99 Resp: 712681

Ion Ratio Lower Upper

99 100

42 21.7 17.7 26.5

71 34.5 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083190.D

Acq: 23 Nov 2015 6:29

Tgt Ion: 136 Resp: 777982

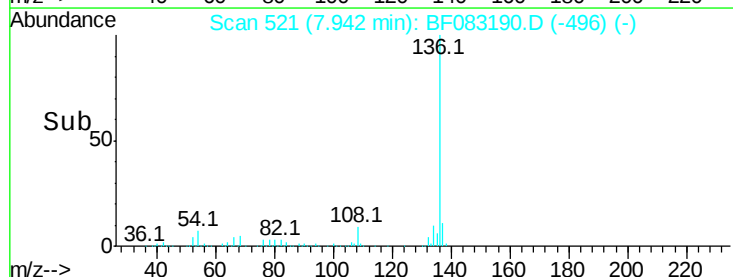
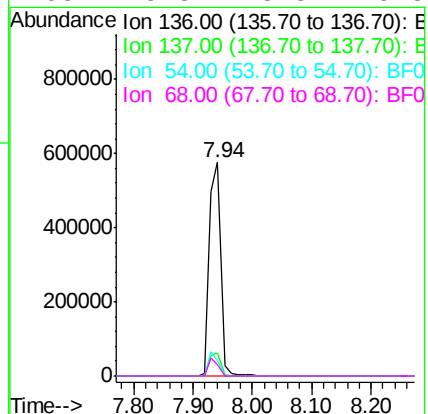
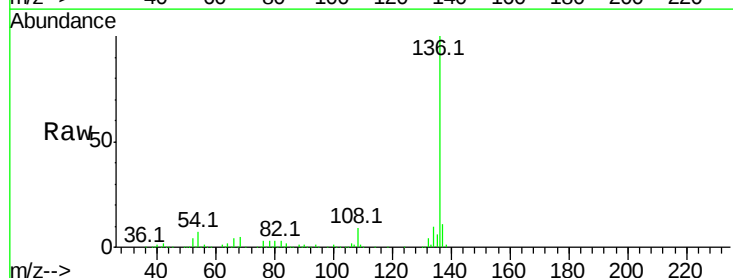
Ion Ratio Lower Upper

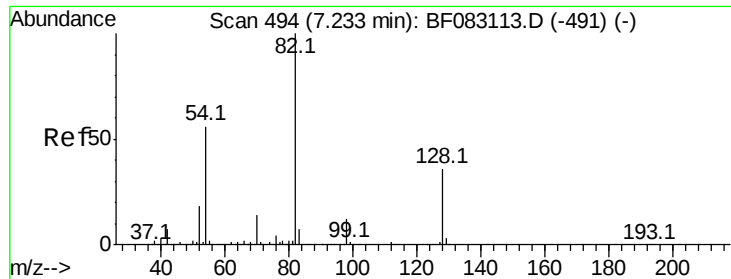
136 100

137 10.7 8.7 13.1

54 7.3 5.8 8.6

68 5.3 3.8 5.8



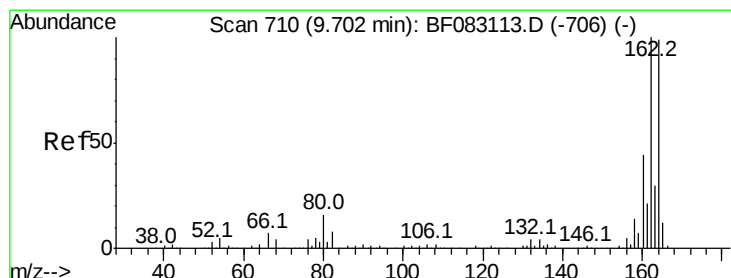
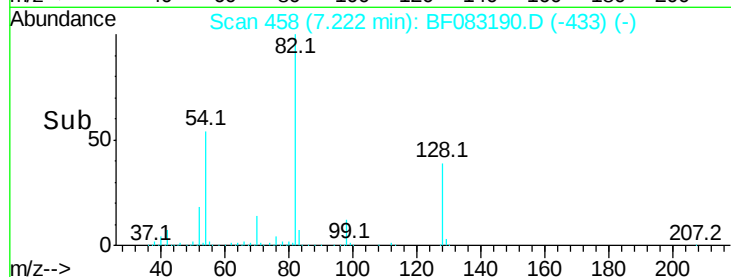
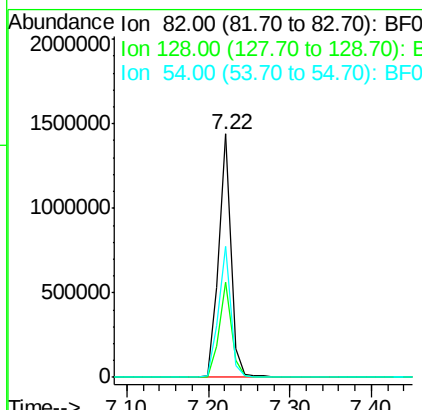
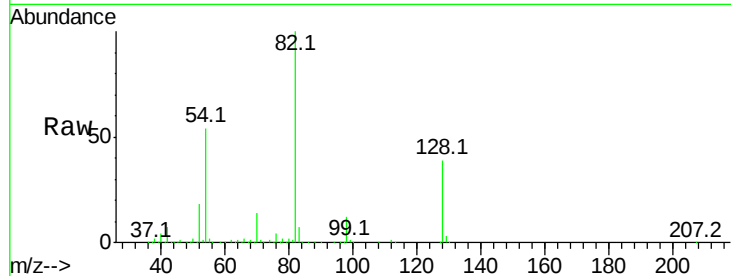


#23
 Nitrobenzene-d5
 Concen: 89.38 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083190.D
 Acq: 23 Nov 2015 6:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Tot Ion: 82 Resp: 1521844

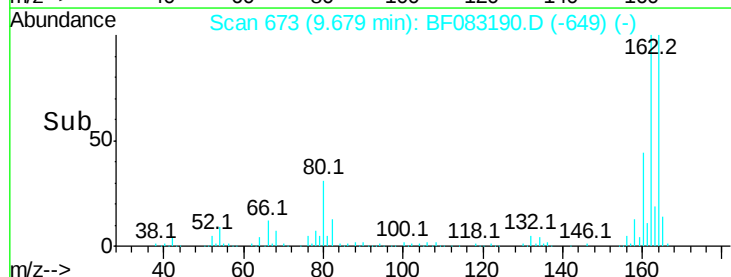
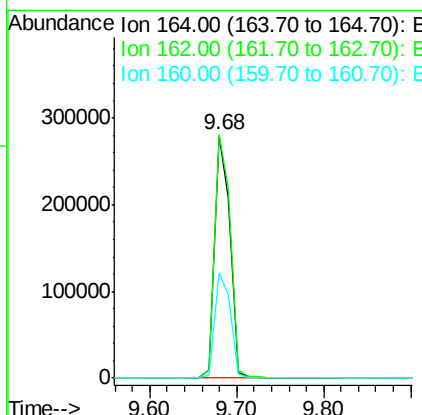
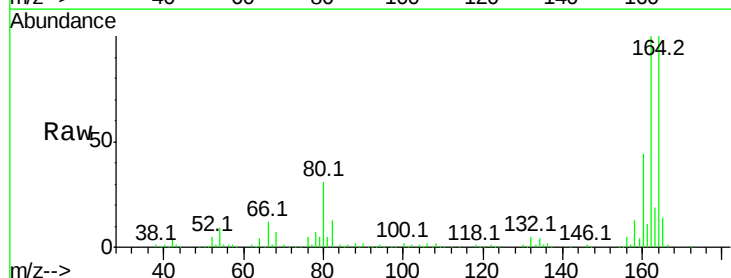
Ion	Ratio	Lower	Upper
82	100		
128	39.3	28.5	42.7
54	54.0	44.6	67.0

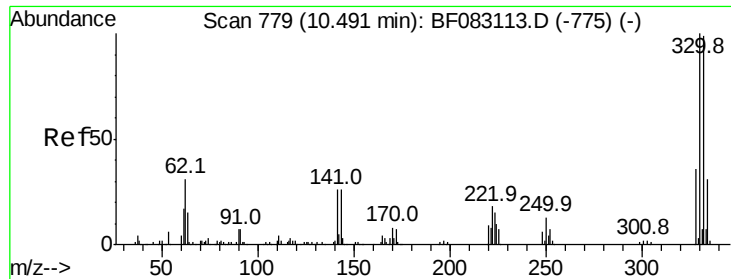


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF083190.D
 Acq: 23 Nov 2015 6:29

Tgt Ion: 164 Resp: 350036

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.2	121.8
160	43.7	35.6	53.4

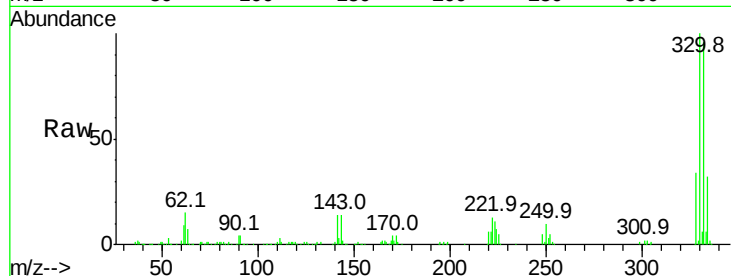




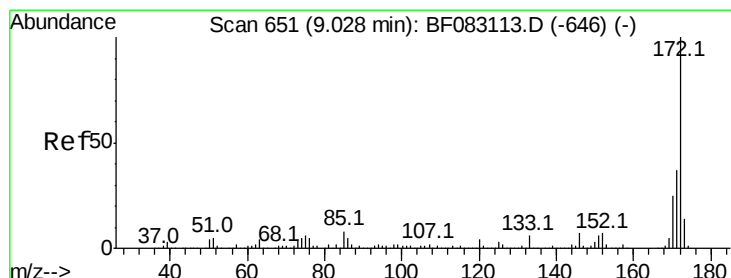
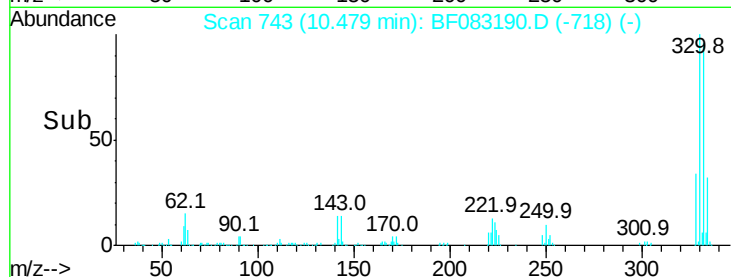
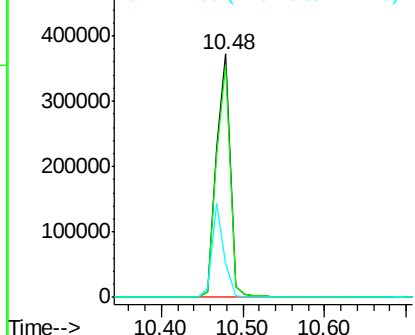
#41
 2,4,6-Tribromophenol
 Concen: 122.32 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083190.D
 Acq: 23 Nov 2015 6:29

Instrument :
 BNA_F
 ClientSampleID :
 MW-34

Tot Ion:330 Resp: 438051
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.7 116.5
 141 33.8 29.7 44.5

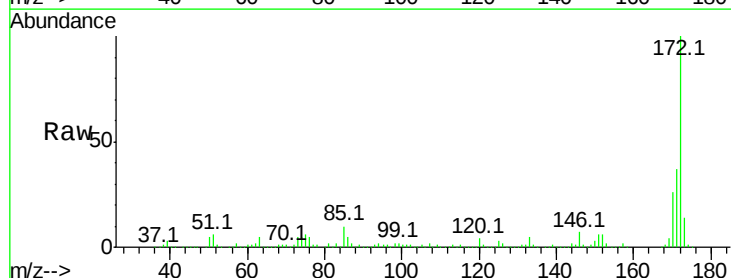


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

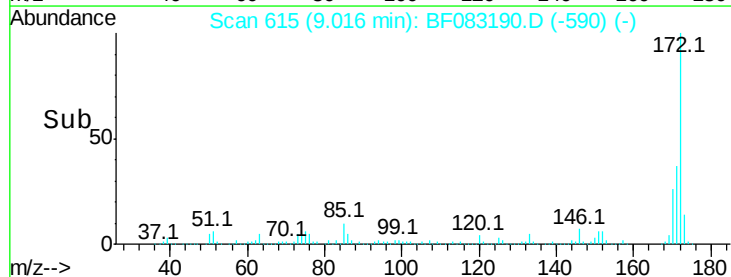
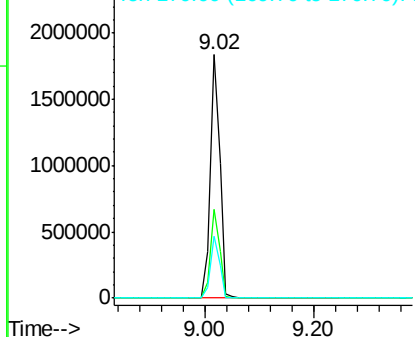


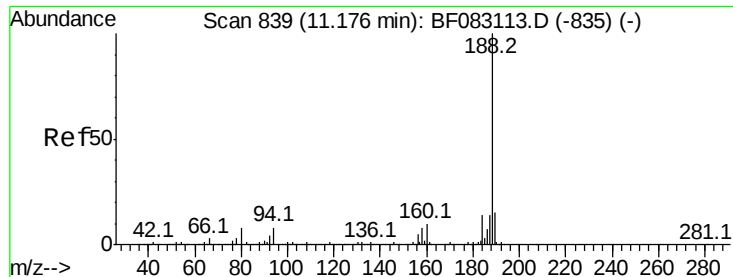
#44
 2-Fluorobiphenyl
 Concen: 90.15 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083190.D
 Acq: 23 Nov 2015 6:29

Tgt Ion:172 Resp: 2262865
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.5 44.3
 170 25.6 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

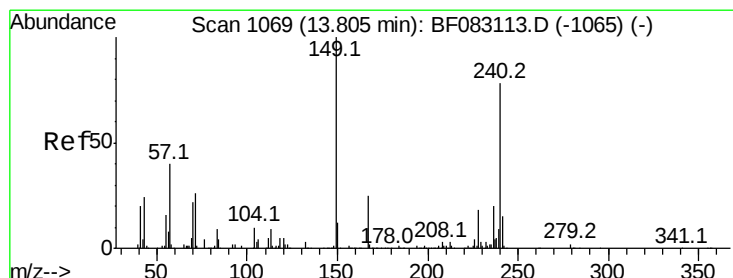
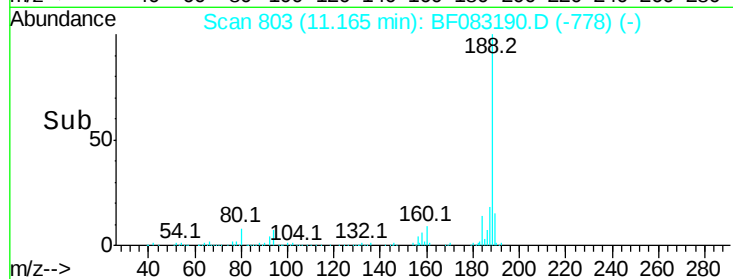
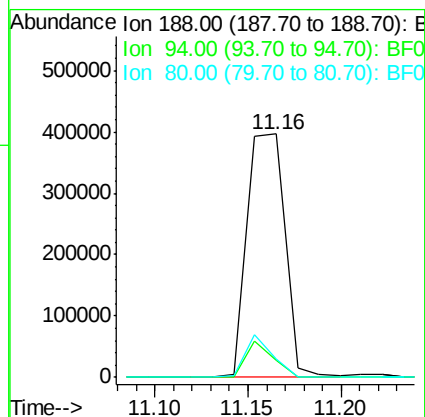
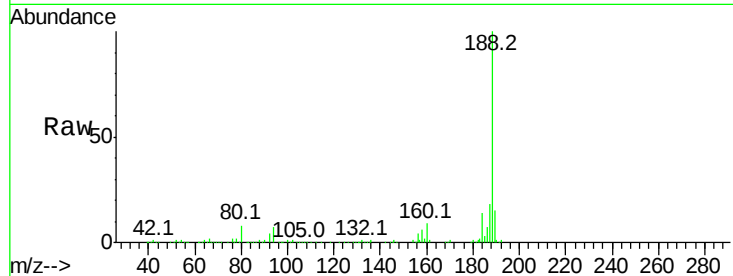




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083190.D
Acq: 23 Nov 2015 6:29

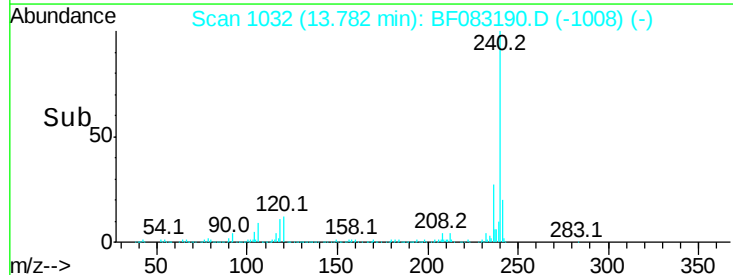
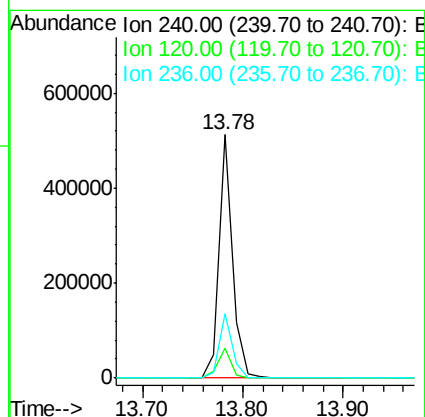
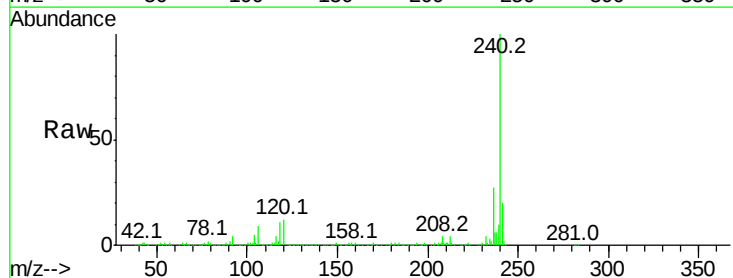
Instrument :
BNA_F
ClientSampleId :
MW-34

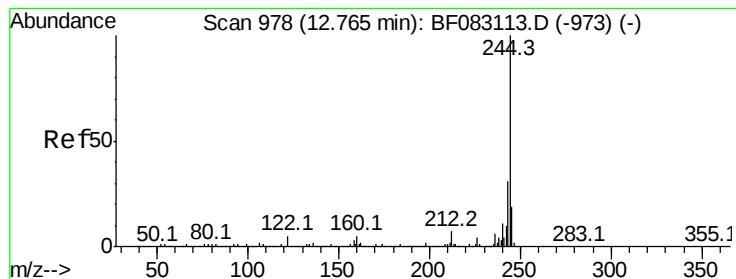
Tot Ion:188 Resp: 559923
Ion Ratio Lower Upper
188 100
94 7.2 6.0 9.0
80 7.6 6.7 10.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083190.D
Acq: 23 Nov 2015 6:29

Tgt Ion:240 Resp: 477897
Ion Ratio Lower Upper
240 100
120 12.1 5.4 8.2#
236 26.6 20.6 31.0





#78

Terphenyl-d14

Concen: 88.78 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083190.D

Acq: 23 Nov 2015 6:29

Instrument :

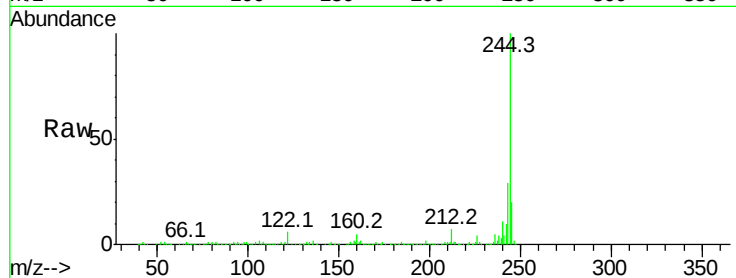
BNA_F

ClientSampleId :

MW-34

Tot Ion:244 Resp: 1801815

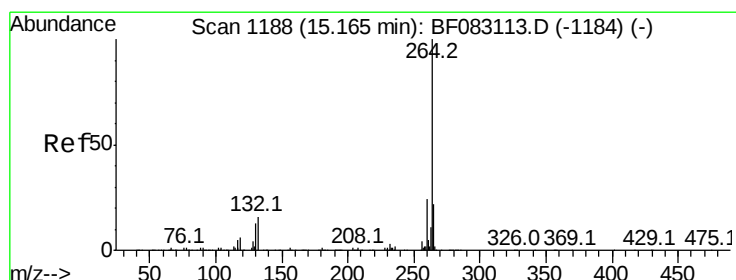
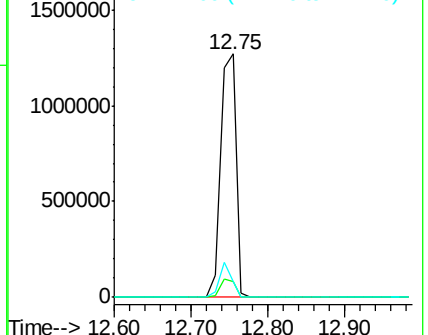
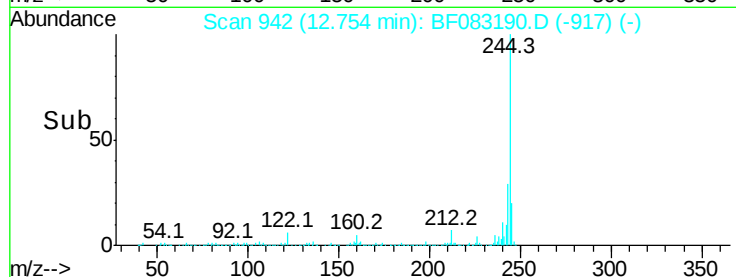
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	6.3	4.3	6.5



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

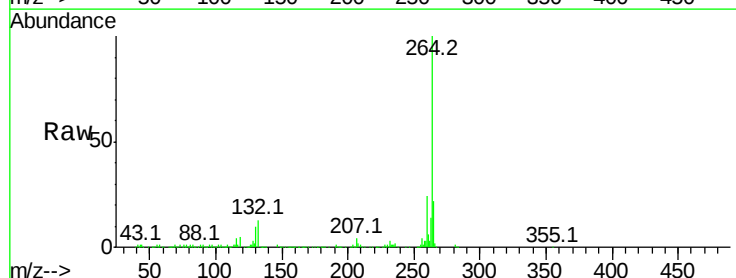
Delta R.T. -0.01 min

Lab File: BF083190.D

Acq: 23 Nov 2015 6:29

Tgt Ion:264 Resp: 373066

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	22.4	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

