

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083191.D
 Acq On : 23 Nov 2015 6:58
 Operator : UM/IZ
 Sample : G4437-04
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

Quant Time: Nov 23 07:36:18 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	6.65	152	227992	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	828757	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	382959	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	628680	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	503966	20.00	ng	-0.02
86) Perylene-d12	15.15	264	395010	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	979039	64.92	ng	-0.02
7) Phenol-d6	6.31	99	807558	41.39	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1603348	88.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	501713	128.06	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2486561	90.54	ng	-0.01
78) Terphenyl-d14	12.75	244	2000993	93.50	ng	-0.01

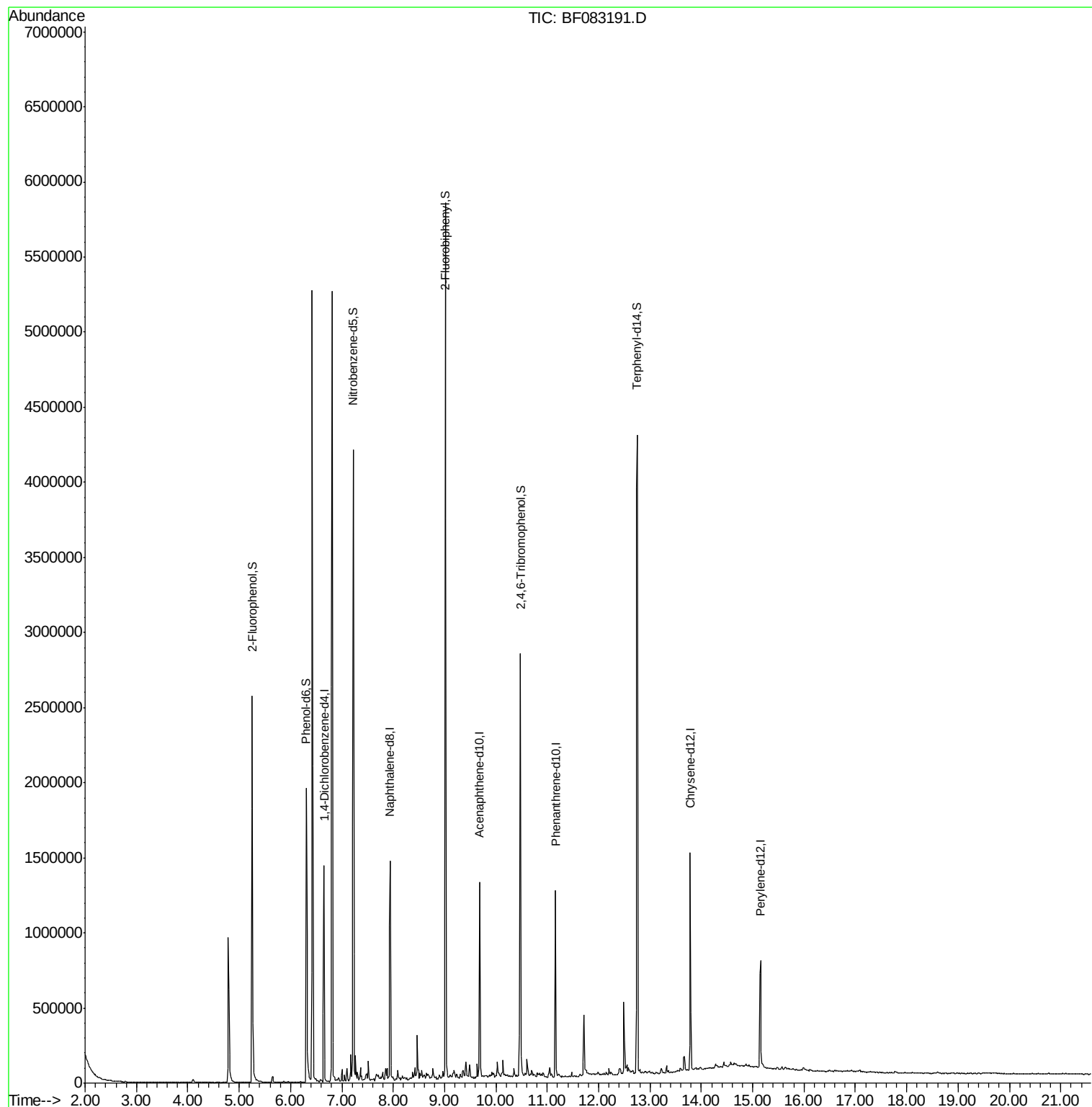
Target Compounds Qvalue

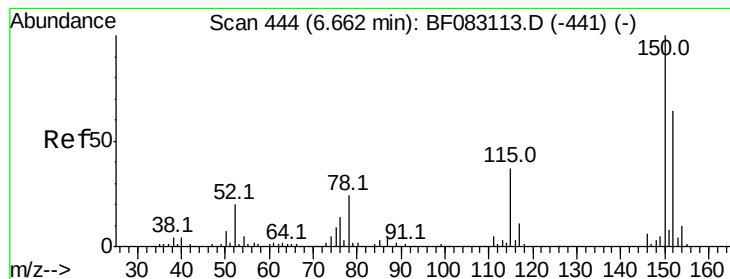
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 07:36:18 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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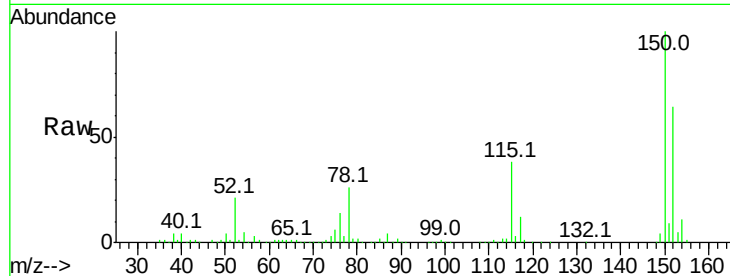


#1

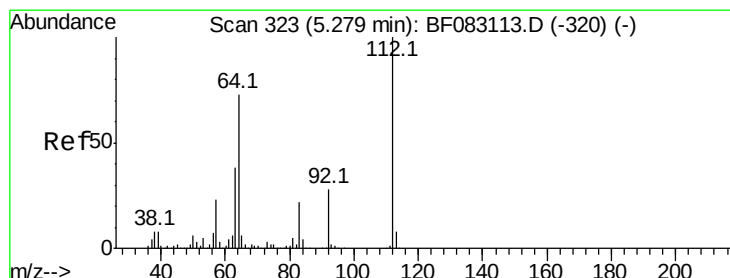
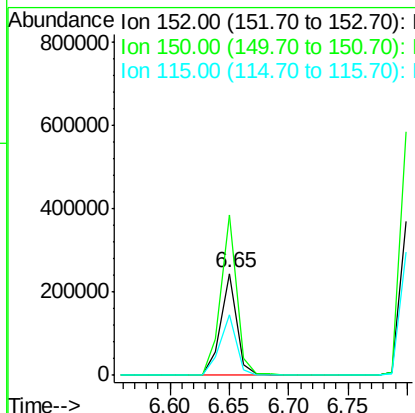
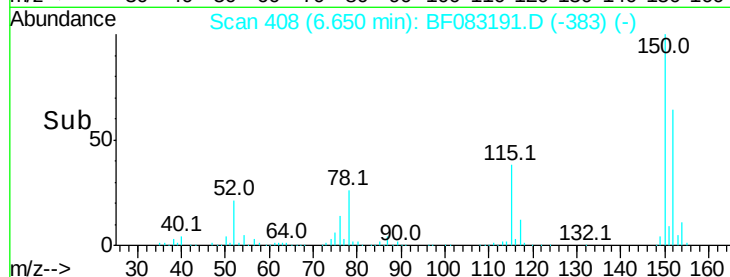
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083191.D
Acq: 23 Nov 2015 6:58

Instrument :
BNA_F
ClientSampleId :
MW-37

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.8	188.8
115	59.7	46.9	70.3



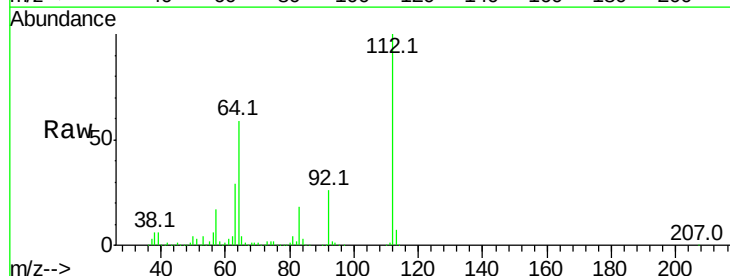
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



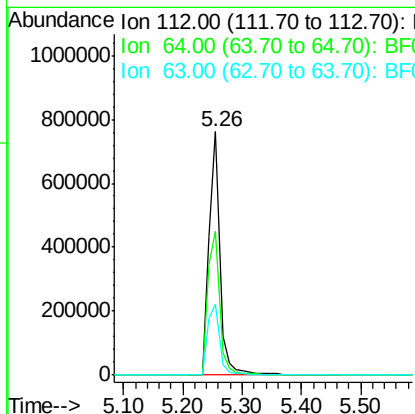
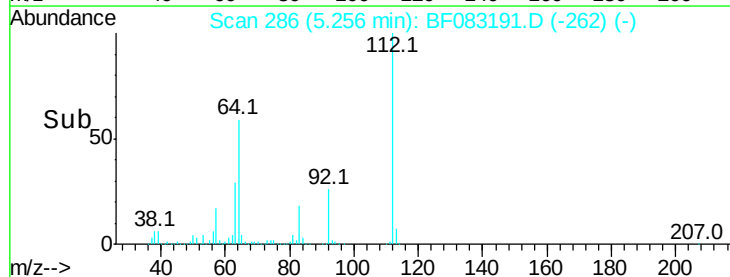
#5

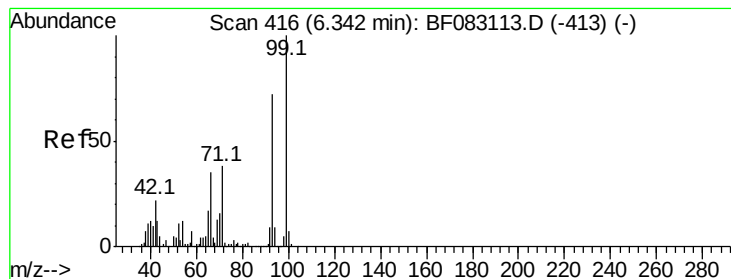
2-Fluorophenol
Concen: 64.92 ng
RT: 5.26 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF083191.D
Acq: 23 Nov 2015 6:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	58.4	87.6
63	29.1	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: 41.39 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083191.D

Acq: 23 Nov 2015 6:58

Instrument :

BNA_F

ClientSampleId :

MW-37

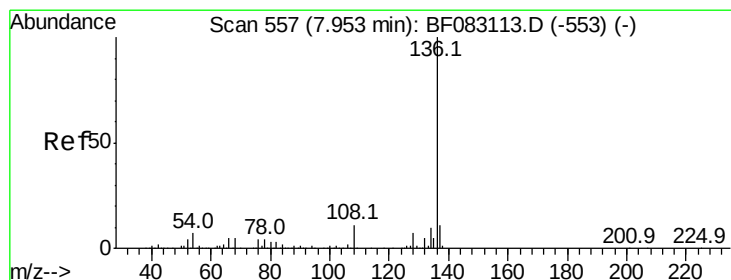
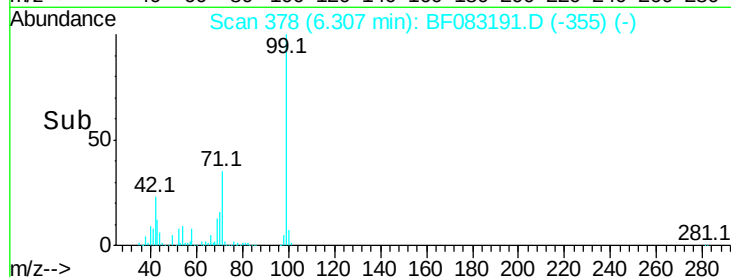
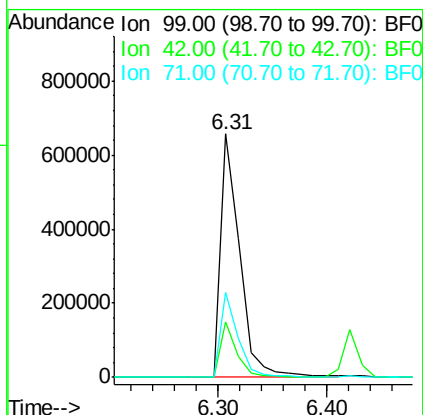
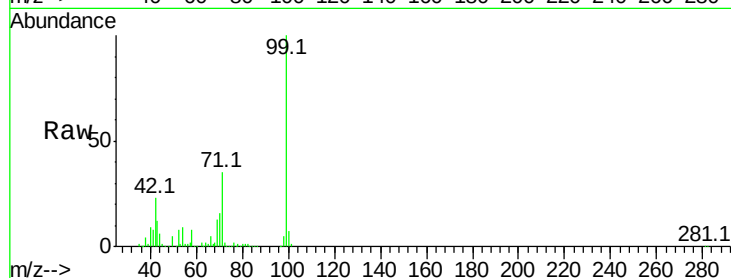
Tot Ion: 99 Resp: 807558

Ion Ratio Lower Upper

99 100

42 22.9 17.7 26.5

71 34.7 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: BF083191.D

Acq: 23 Nov 2015 6:58

Tgt Ion: 136 Resp: 828757

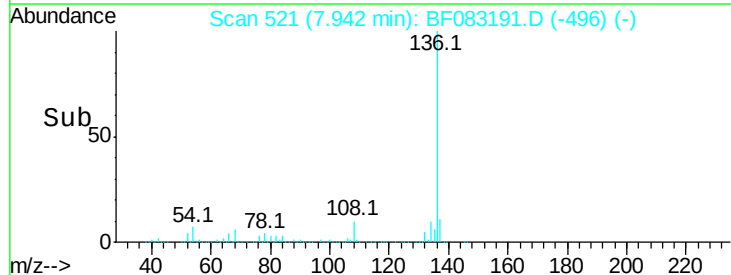
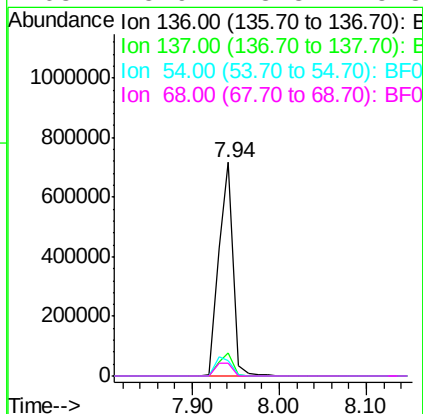
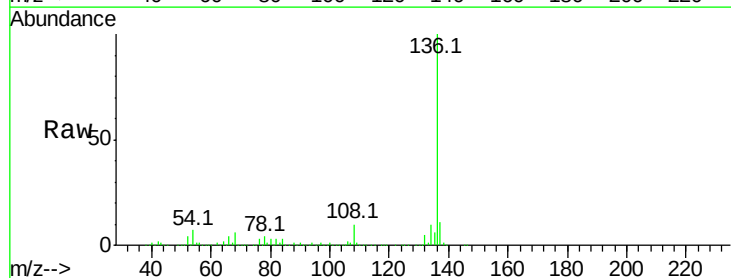
Ion Ratio Lower Upper

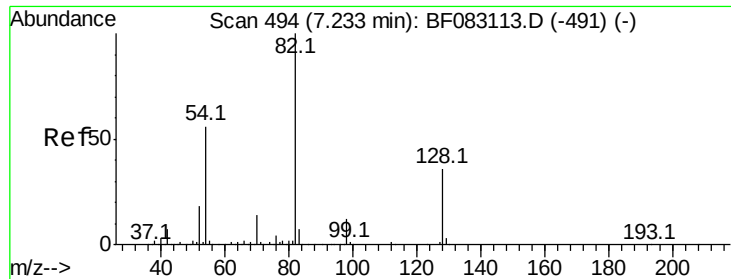
136 100

137 11.0 8.7 13.1

54 7.4 5.8 8.6

68 5.9 3.8 5.8#



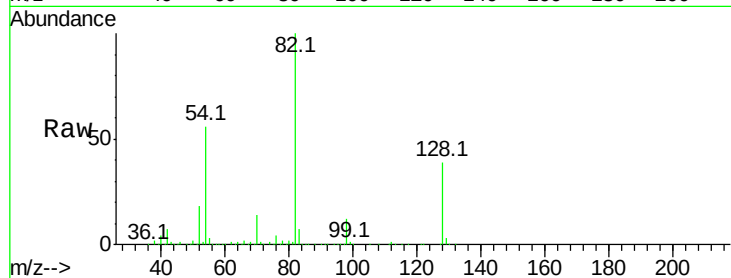


#23
 Nitrobenzene-d5
 Concen: 88.40 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083191.D
 Acq: 23 Nov 2015 6:58

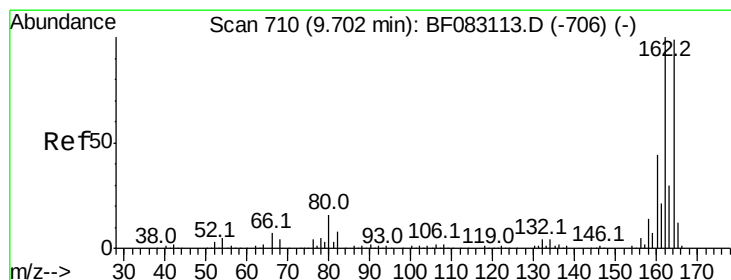
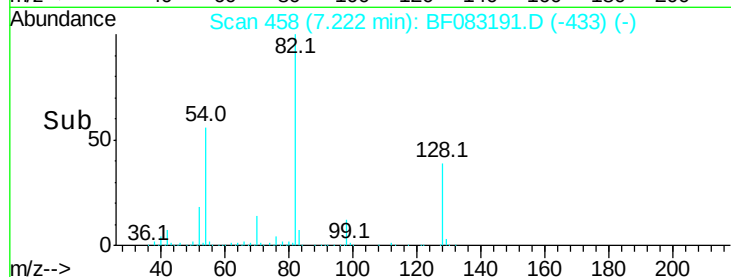
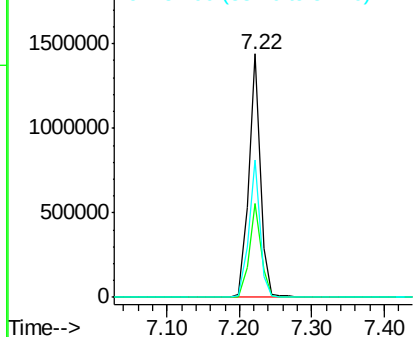
Instrument :
 BNA_F
 ClientSampleId :
 MW-37

Tot Ion: 82 Resp: 1603348

Ion	Ratio	Lower	Upper
82	100		
128	38.6	28.5	42.7
54	56.2	44.6	67.0



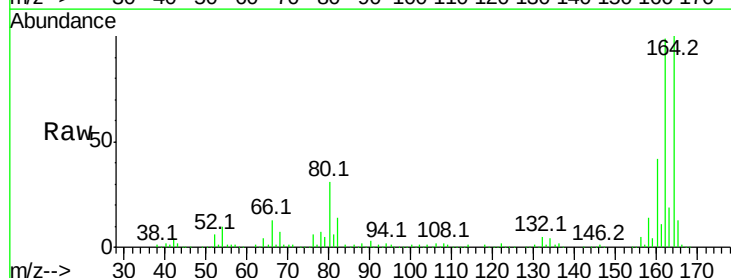
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



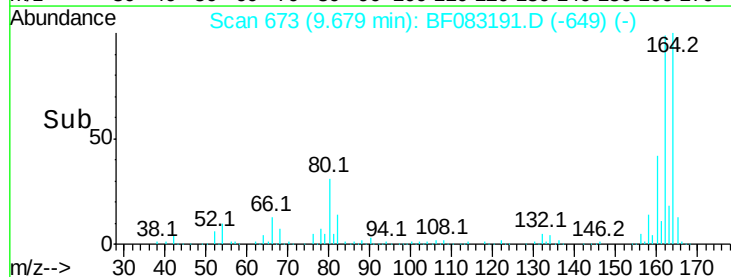
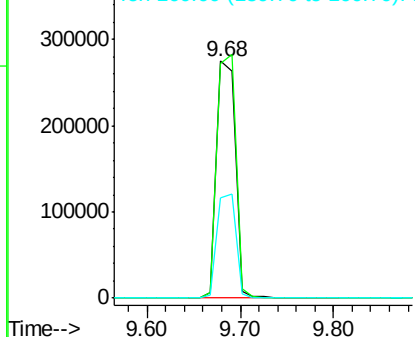
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF083191.D
 Acq: 23 Nov 2015 6:58

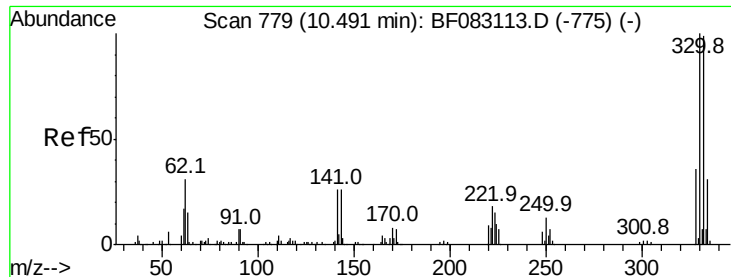
Tgt Ion: 164 Resp: 382959

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.2	121.8
160	42.2	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

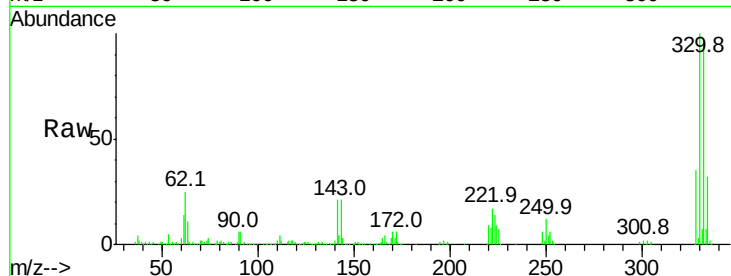




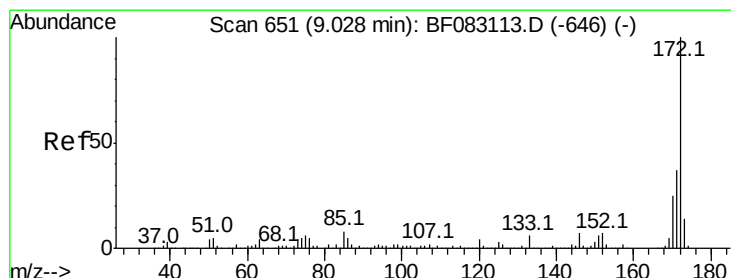
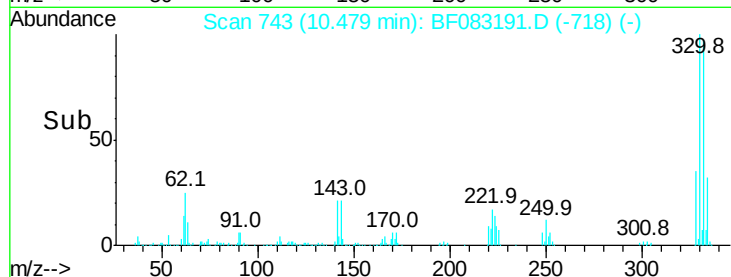
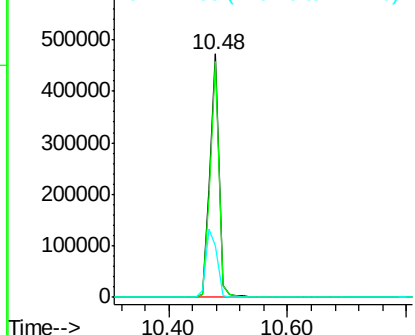
#41
 2,4,6-Tribromophenol
 Concen: 128.06 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083191.D
 Acq: 23 Nov 2015 6:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

Tot Ion:330 Resp: 501713
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.7 116.5
 141 35.1 29.7 44.5

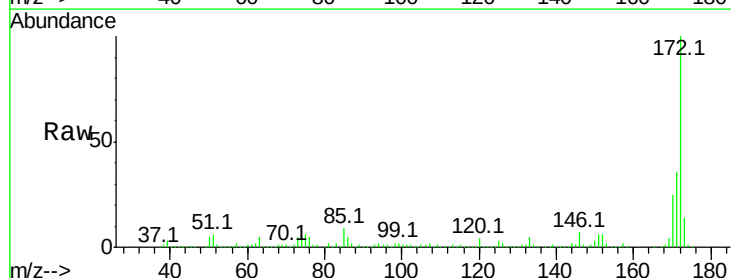


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

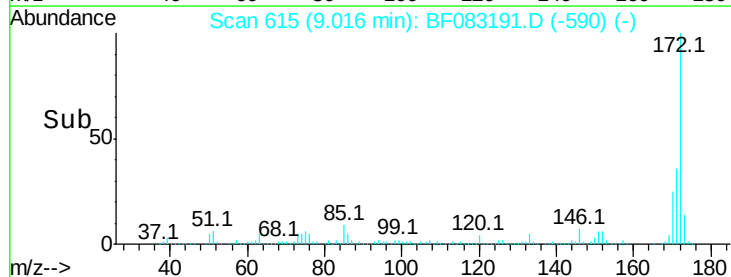
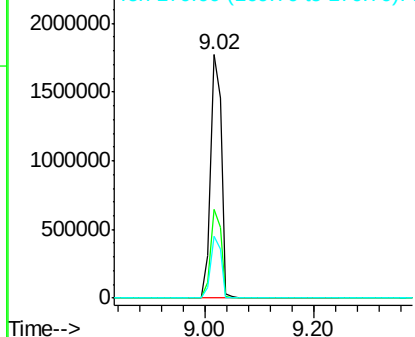


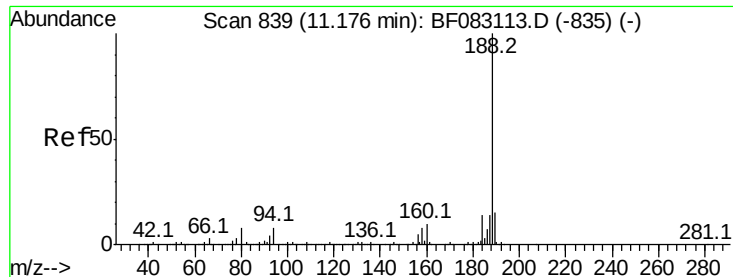
#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083191.D
 Acq: 23 Nov 2015 6:58

Tgt Ion:172 Resp: 2486561
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.5 44.3
 170 25.4 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

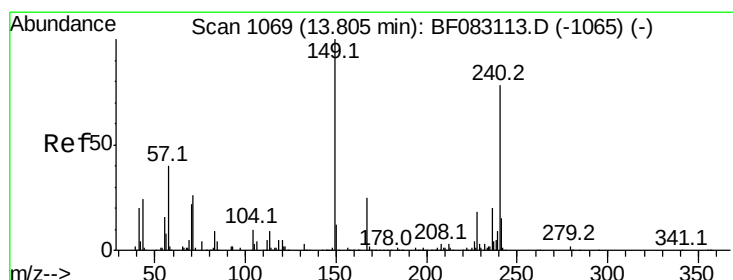
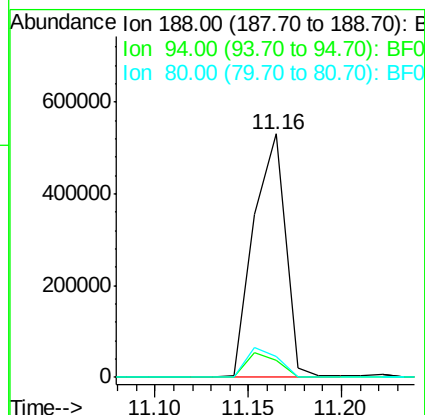
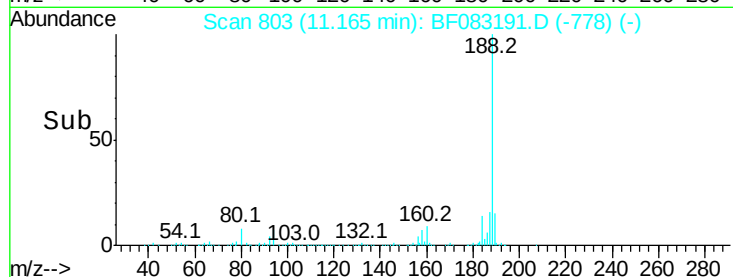
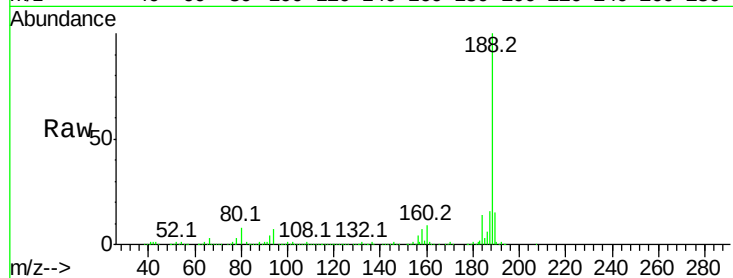




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083191.D
Acq: 23 Nov 2015 6:58

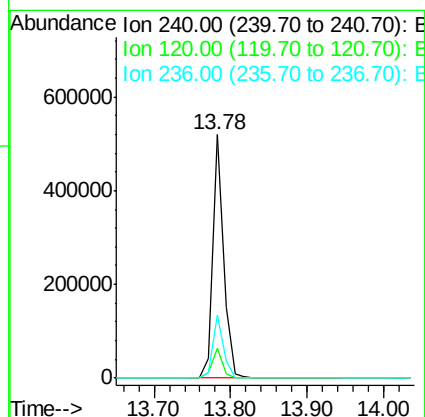
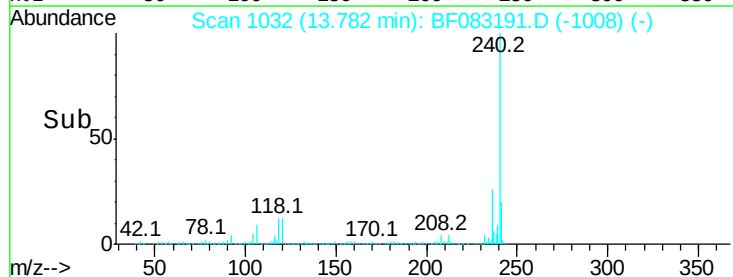
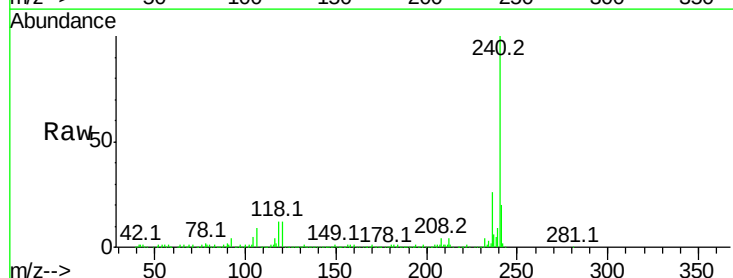
Instrument :
BNA_F
ClientSampleId :
MW-37

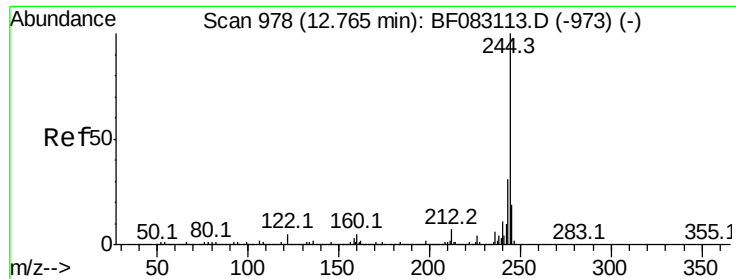
Tot Ion:188 Resp: 628680
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 8.4 6.7 10.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083191.D
Acq: 23 Nov 2015 6:58

Tgt Ion:240 Resp: 503966
Ion Ratio Lower Upper
240 100
120 12.3 5.4 8.2#
236 25.7 20.6 31.0





#78

Terphenyl-d14

Concen: 93.50 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083191.D

Acq: 23 Nov 2015 6:58

Instrument :

BNA_F

ClientSampleId :

MW-37

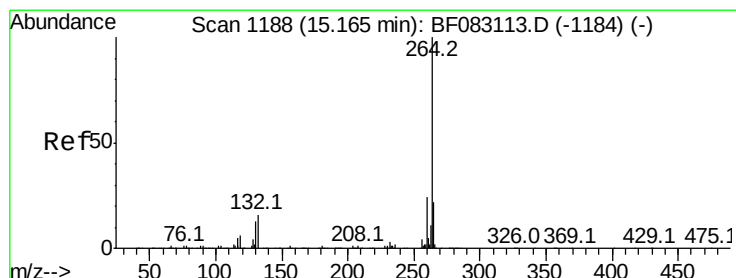
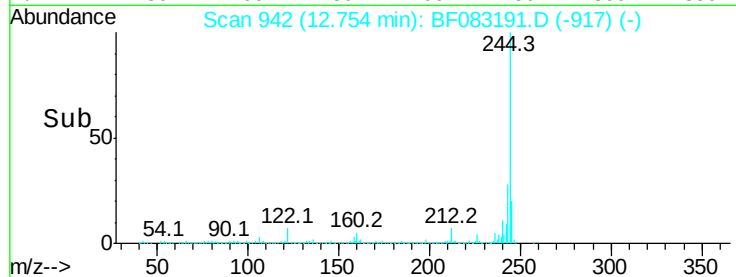
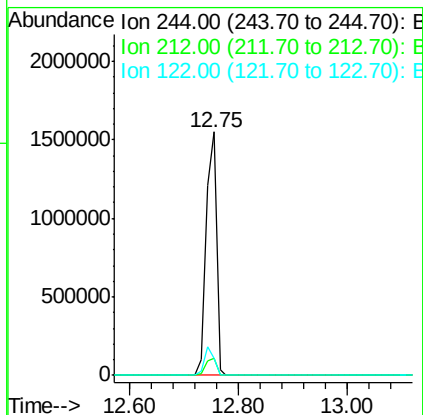
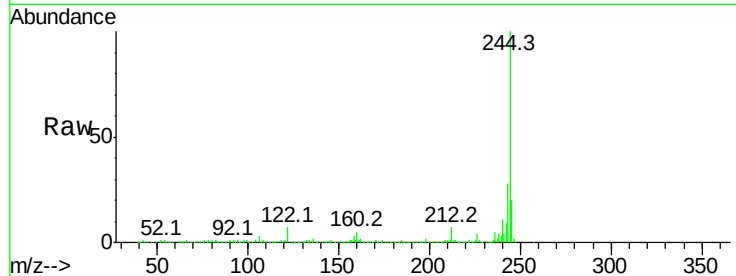
Tot Ion:244 Resp: 2000993

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 7.1 4.3 6.5#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083191.D

Acq: 23 Nov 2015 6:58

Tgt Ion:264 Resp: 395010

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.4 18.2 27.4

