

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083161.D
 Acq On : 22 Nov 2015 16:17
 Operator : UM/IZ
 Sample : G4504-09
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Nov 23 04:25:25 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	197384	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	744385	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	370195	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	687252	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	575981	20.00	ng	-0.02
86) Perylene-d12	15.15	264	468661	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	685649	52.52	ng	-0.02
7) Phenol-d6	6.31	99	563082	33.33	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1377889	84.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	510810	134.87	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2082090	78.43	ng	-0.01
78) Terphenyl-d14	12.75	244	2212165	90.44	ng	-0.01

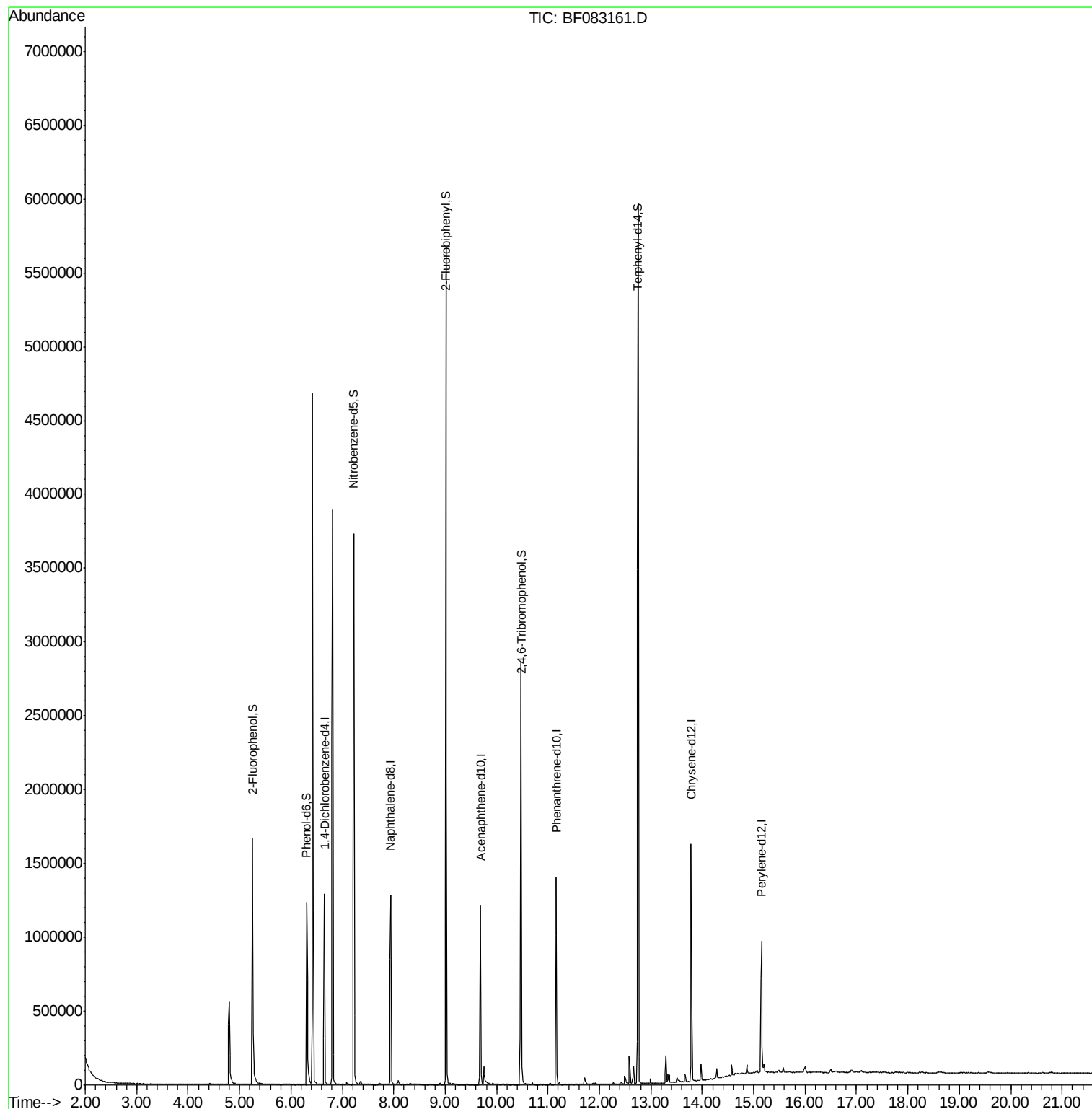
Target Compounds Qvalue

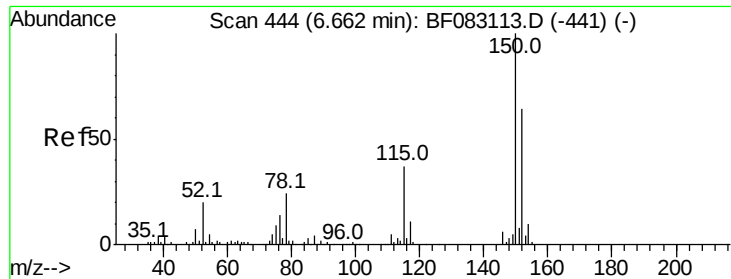
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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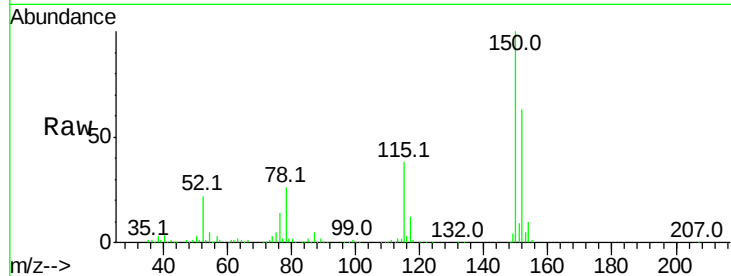


#1

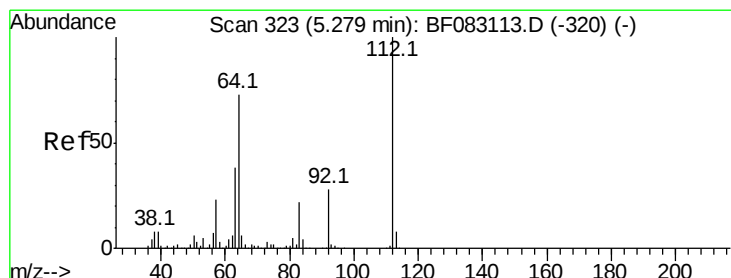
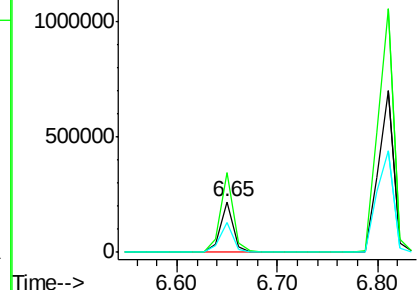
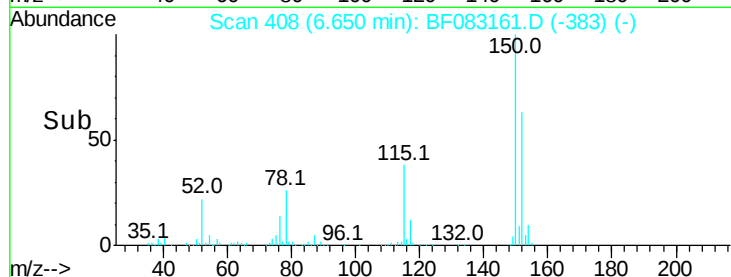
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF083161.D
Acq: 22 Nov 2015 16:17

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tot Ion:152 Resp: 197384
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.8
115 60.4 46.9 70.3



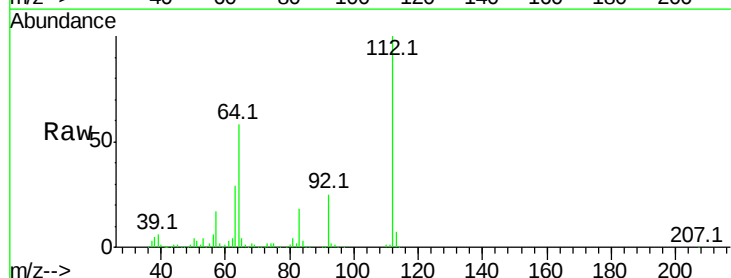
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



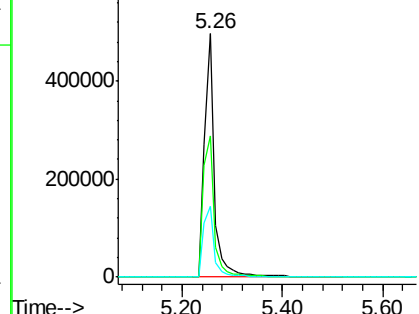
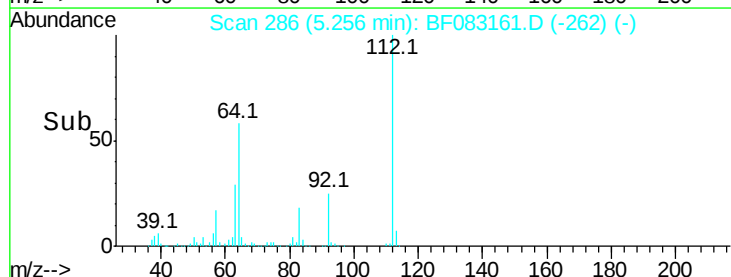
#5

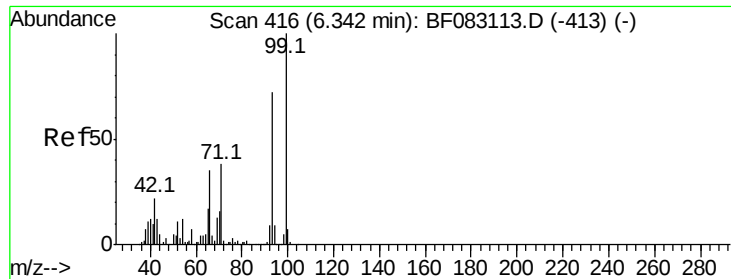
2-Fluorophenol
Concen: 52.52 ng
RT: 5.26 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF083161.D
Acq: 22 Nov 2015 16:17

Tgt Ion:112 Resp: 685649
Ion Ratio Lower Upper
112 100
64 58.1 58.4 87.6#
63 29.0 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: 33.33 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083161.D

Acq: 22 Nov 2015 16:17

Instrument :

BNA_F

ClientSampled :

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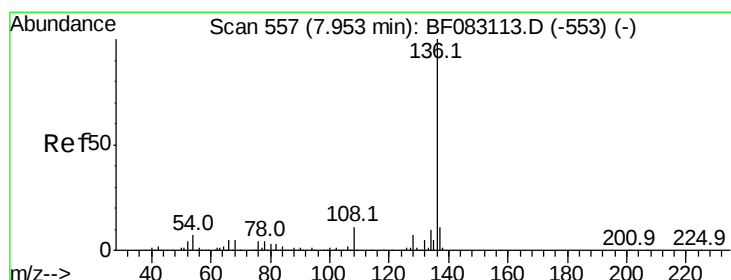
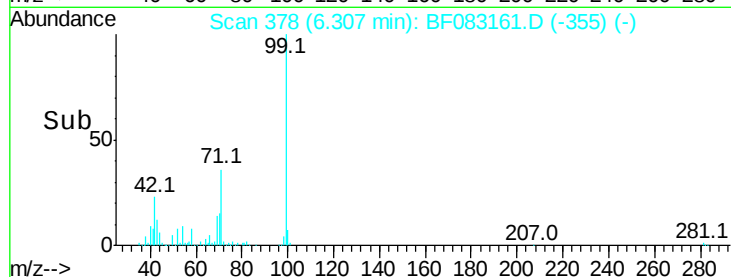
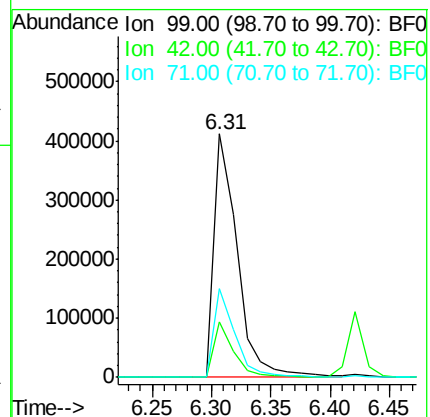
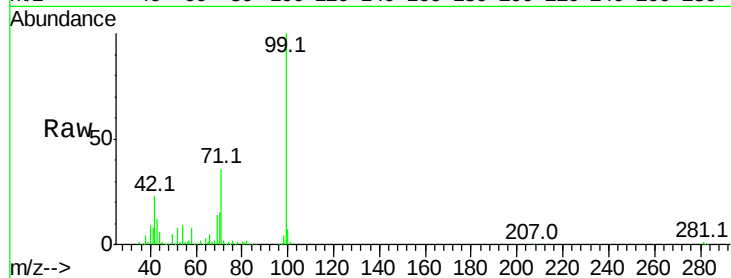
Tot Ion: 99 Resp: 563082

Ion Ratio Lower Upper

99 100

42 22.7 17.7 26.5

71 36.3 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: BF083161.D

Acq: 22 Nov 2015 16:17

Tgt Ion: 136 Resp: 744385

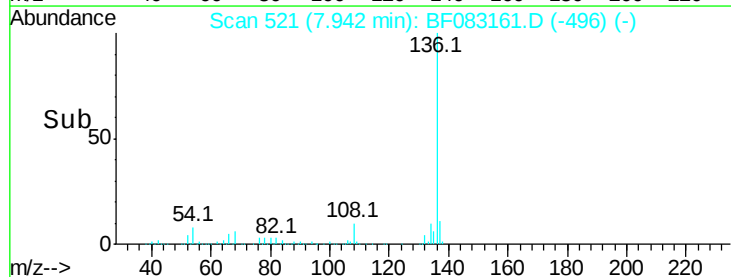
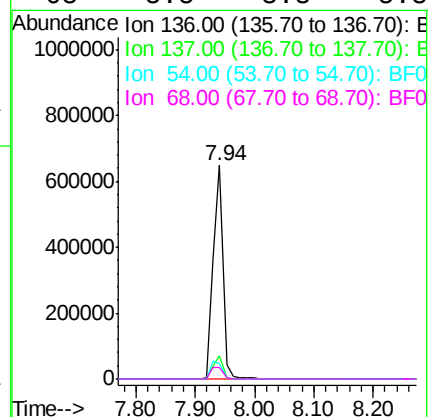
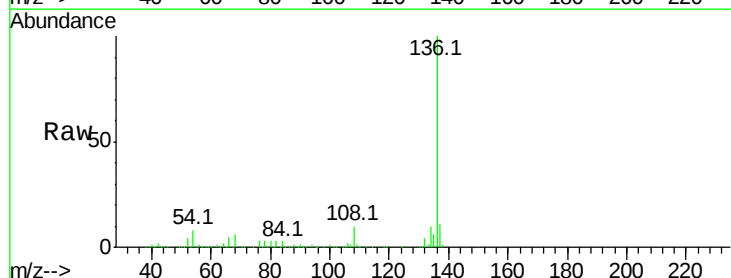
Ion Ratio Lower Upper

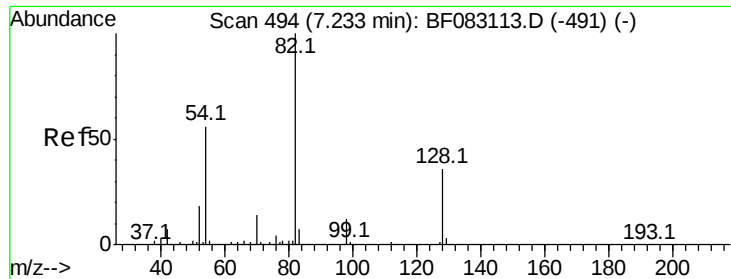
136 100

137 10.7 8.7 13.1

54 7.5 5.8 8.6

68 5.5 3.8 5.8





#23

Nitrobenzene-d5

Concen: 84.58 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083161.D

Acq: 22 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

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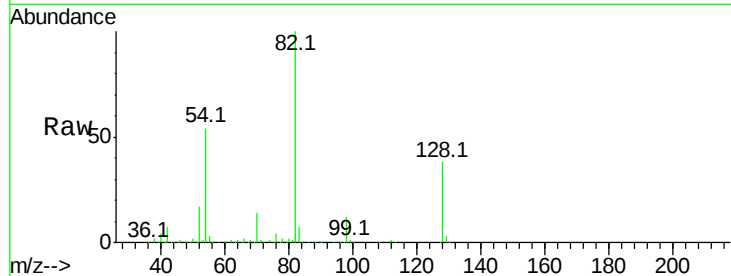
Tot Ion: 82 Resp: 1377889

Ion Ratio Lower Upper

82 100

128 38.4 28.5 42.7

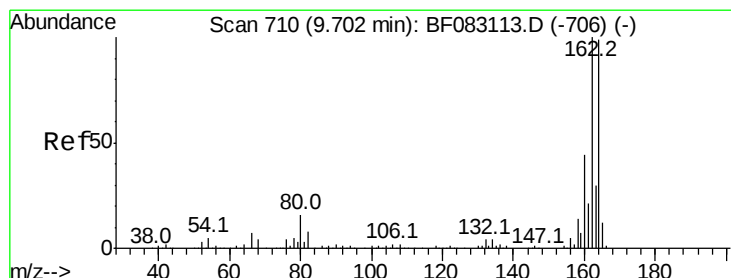
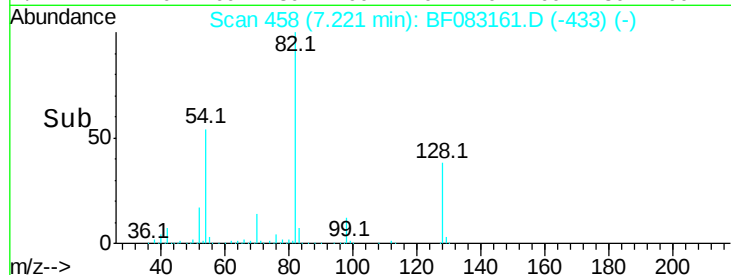
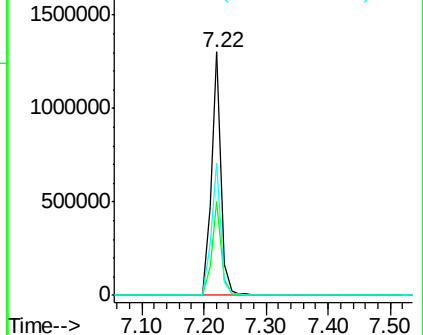
54 54.2 44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF083161.D

Acq: 22 Nov 2015 16:17

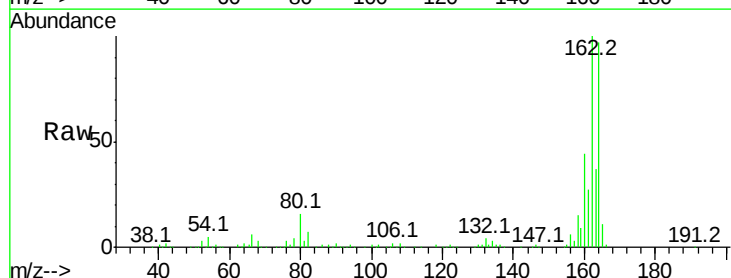
Tgt Ion:164 Resp: 370195

Ion Ratio Lower Upper

164 100

162 103.3 81.2 121.8

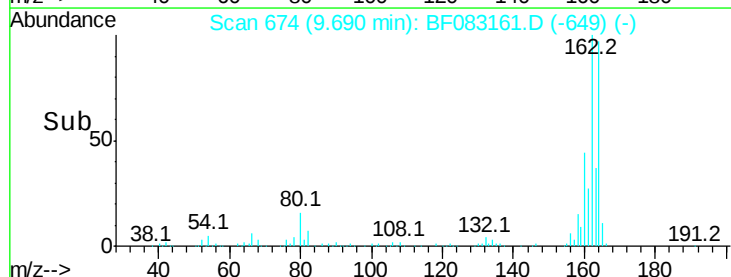
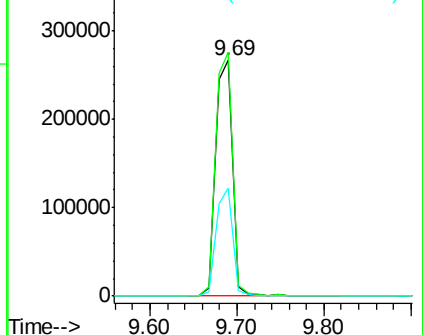
160 46.0 35.6 53.4

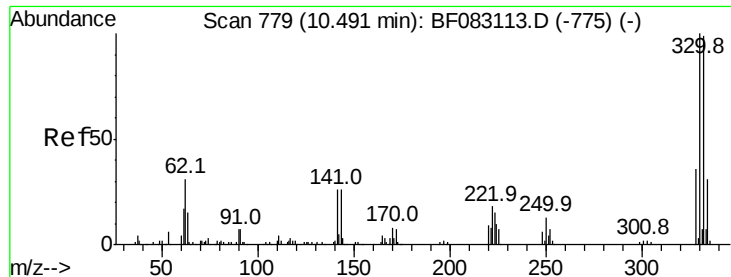


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

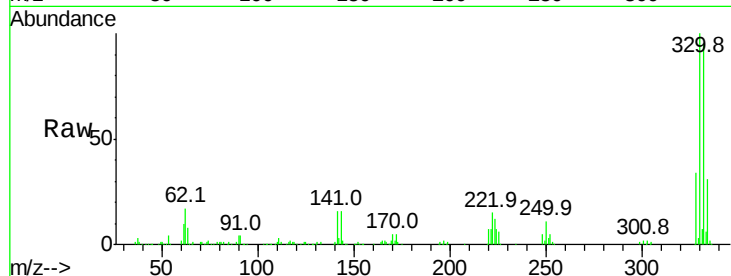




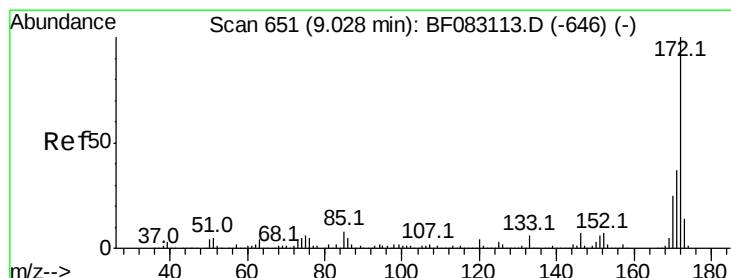
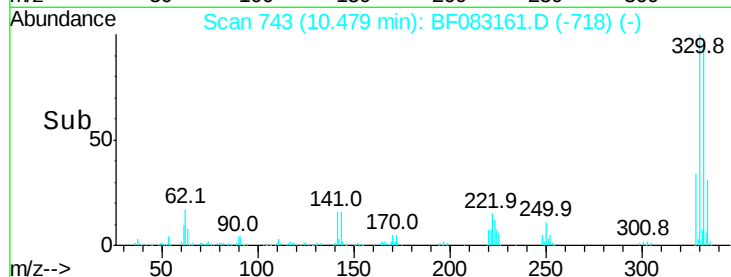
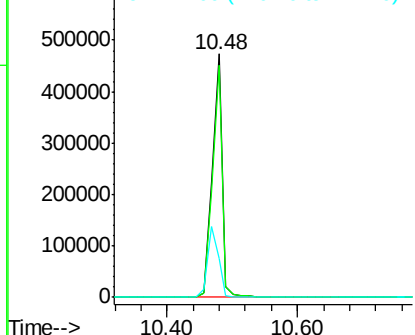
#41
 2,4,6-Tribromophenol
 Concen: 134.87 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083161.D
 Acq: 22 Nov 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:330 Resp: 510810
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.7 116.5
 141 31.9 29.7 44.5

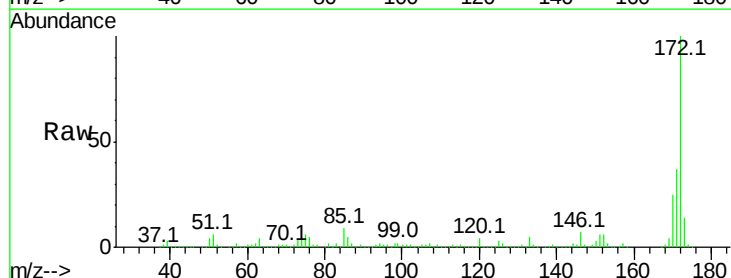


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

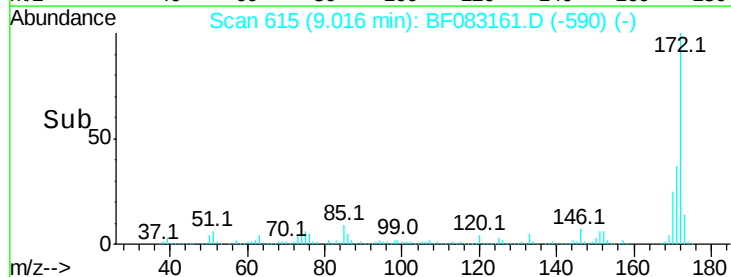
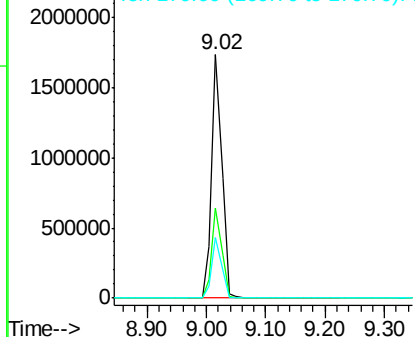


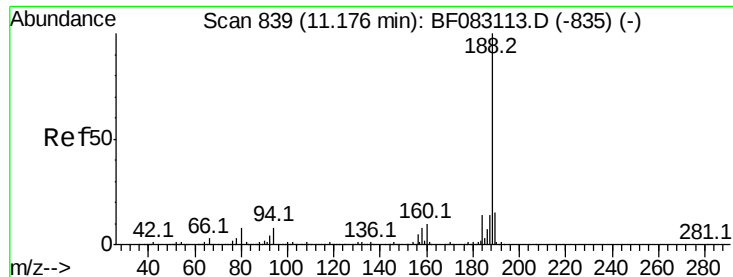
#44
 2-Fluorobiphenyl
 Concen: 78.43 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083161.D
 Acq: 22 Nov 2015 16:17

Tgt Ion:172 Resp: 2082090
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.5 44.3
 170 25.0 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

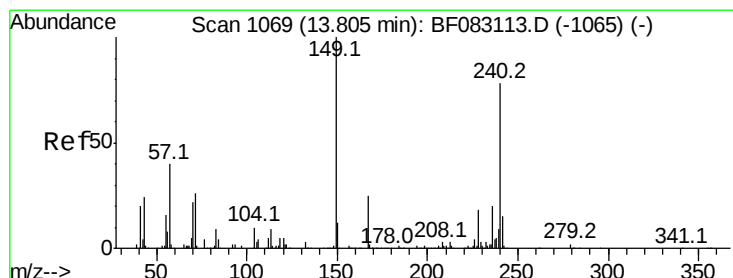
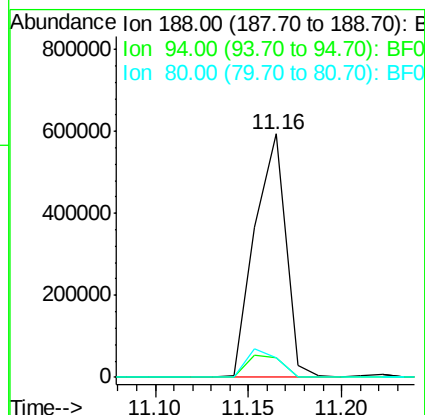
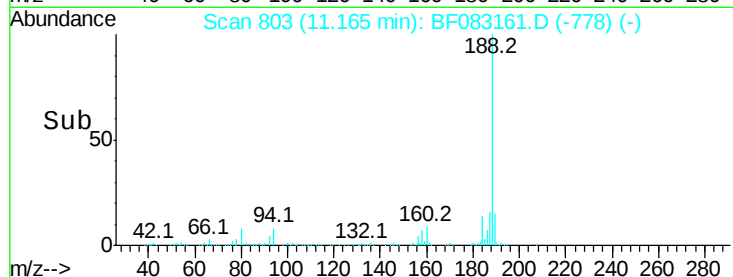
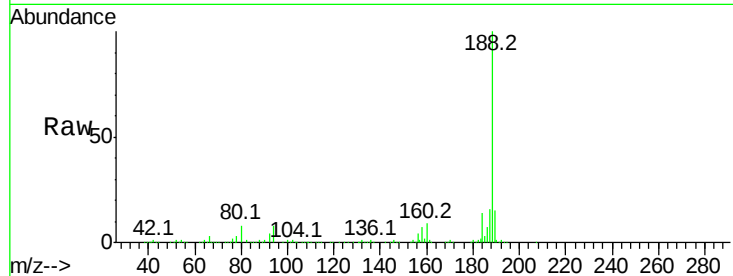




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083161.D
Acq: 22 Nov 2015 16:17

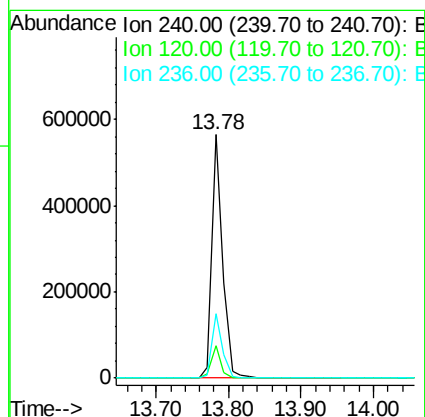
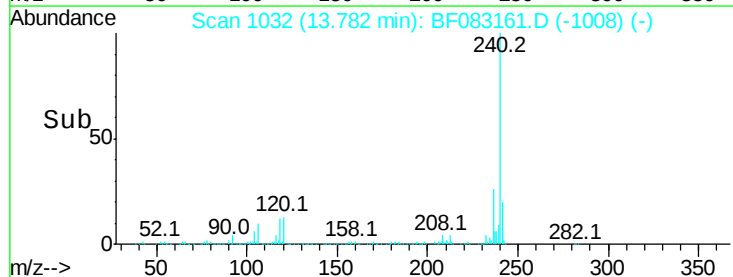
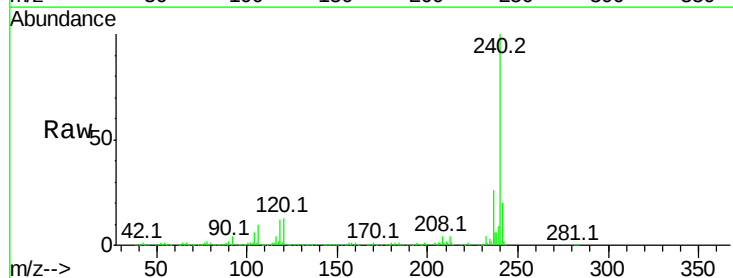
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BNA_F
ClientSampleId :
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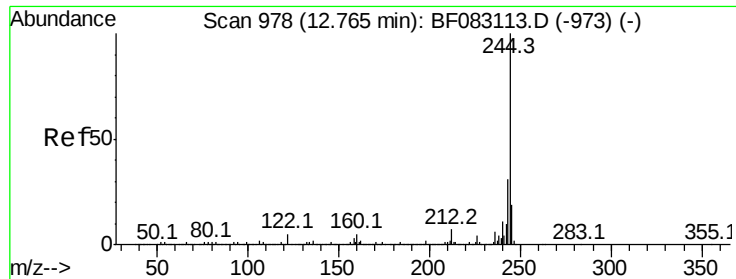
Tot Ion:188 Resp: 687252
Ion Ratio Lower Upper
188 100
94 7.9 6.0 9.0
80 8.1 6.7 10.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083161.D
Acq: 22 Nov 2015 16:17

Tgt Ion:240 Resp: 575981
Ion Ratio Lower Upper
240 100
120 13.2 5.4 8.2#
236 26.4 20.6 31.0





#78

Terphenyl-d14

Concen: 90.44 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083161.D

Acq: 22 Nov 2015 16:17

Instrument :

BNA_F

ClientSampleId :

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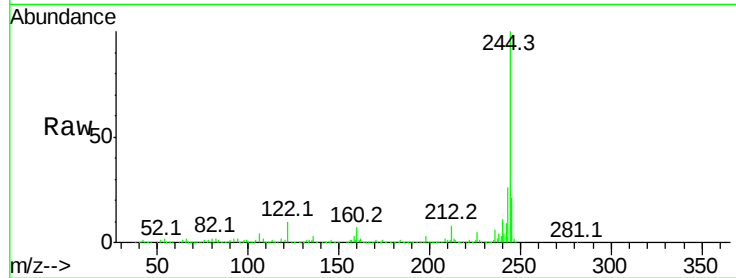
Tot Ion:244 Resp: 2212165

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

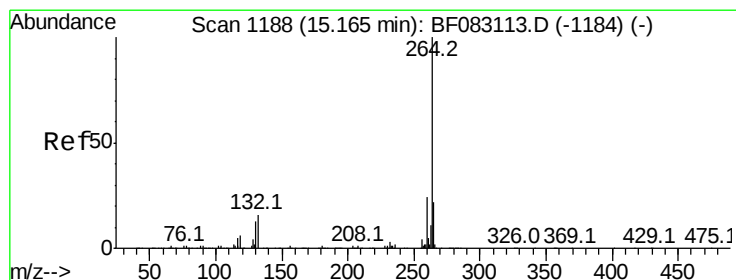
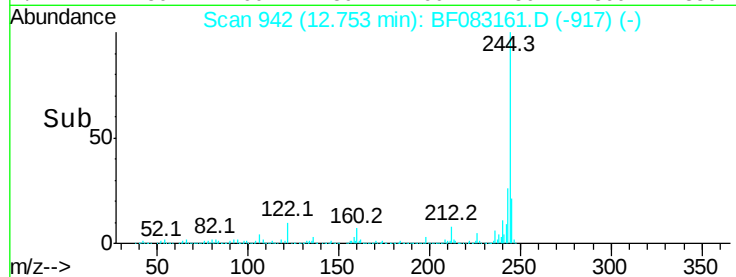
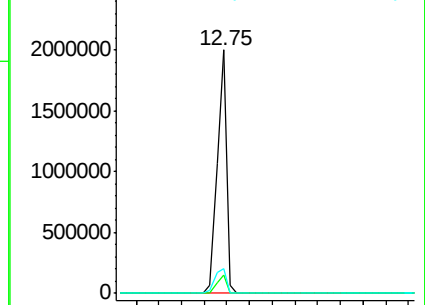
122 9.9 4.3 6.5#



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: BF083161.D

Acq: 22 Nov 2015 16:17

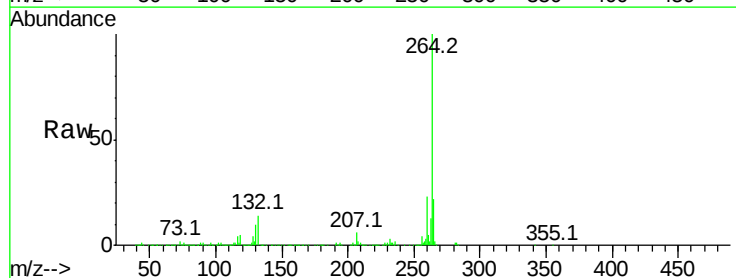
Tgt Ion:264 Resp: 468661

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 22.1 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

