

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083147.D
 Acq On : 22 Nov 2015 9:26
 Operator : UM/IZ
 Sample : G4510-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14A-111815

Quant Time: Nov 23 03:20:38 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

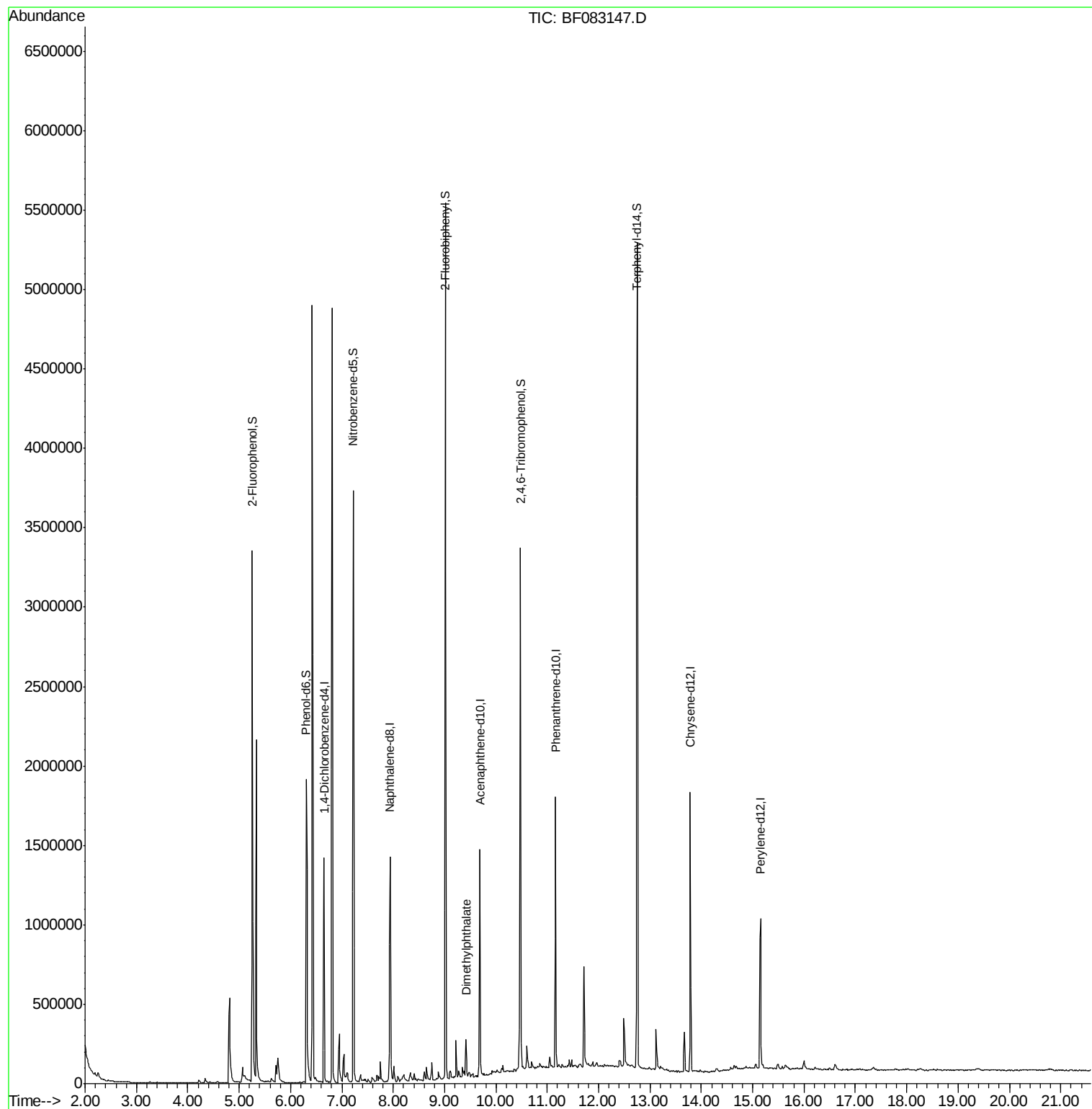
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	211370	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	757628	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	376054	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	712218	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	621391	20.00	ng	-0.02
86) Perylene-d12	15.15	264	515445	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1087038	77.75	ng	-0.02
7) Phenol-d6	6.31	99	915336	50.60	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1417431	85.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	523210	136.00	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2265667	84.01	ng	-0.01
78) Terphenyl-d14	12.75	244	2090338	79.22	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.42	163	90636	3.13	ng	Qvalue 99

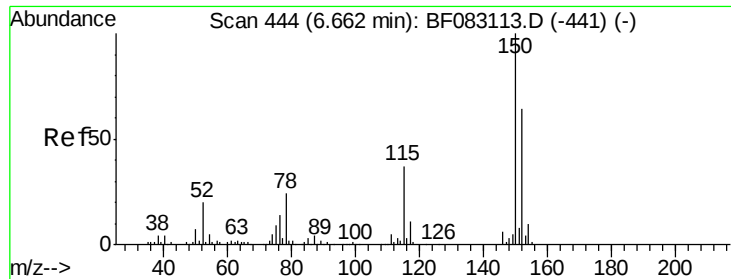
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083147.D

Acq: 22 Nov 2015 9:26

Instrument :

BNA_F

ClientSampleId :

MW-14A-111815

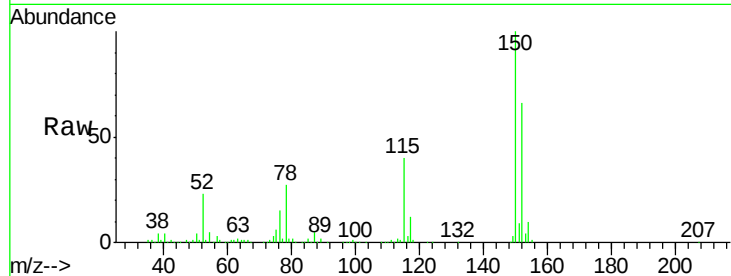
Tot Ion:152 Resp: 211370

Ion Ratio Lower Upper

152 100

150 152.4 125.8 188.8

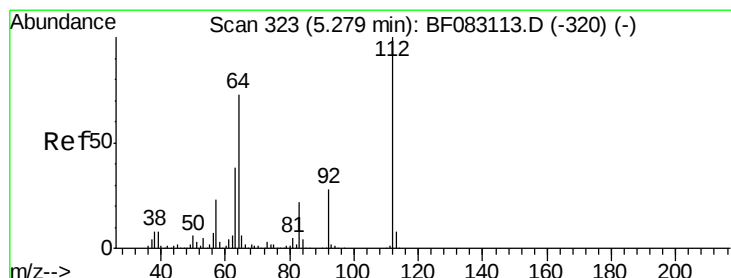
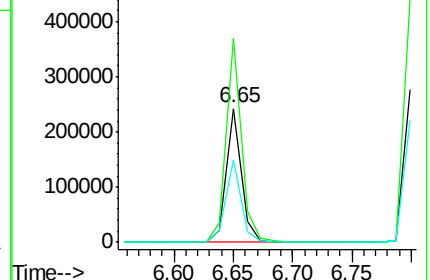
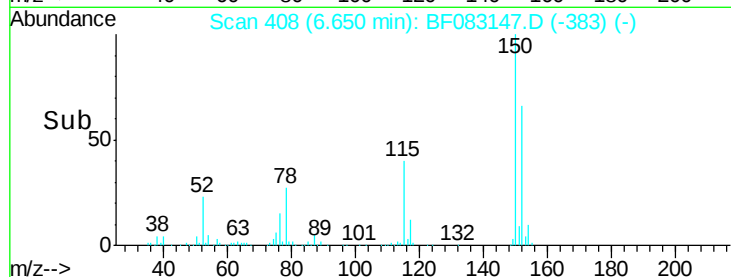
115 61.2 46.9 70.3



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: 77.75 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083147.D

Acq: 22 Nov 2015 9:26

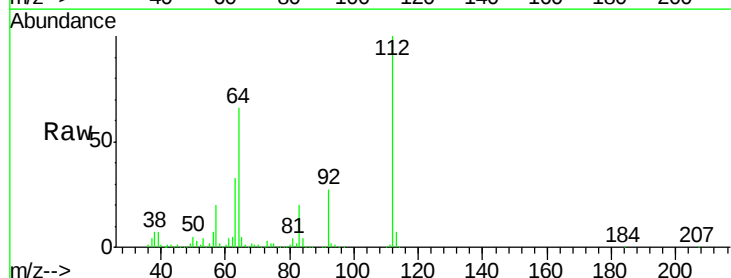
Tgt Ion:112 Resp: 1087038

Ion Ratio Lower Upper

112 100

64 65.8 58.4 87.6

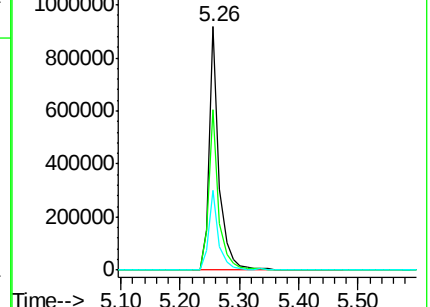
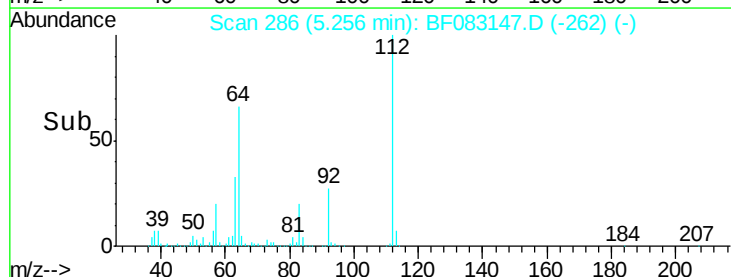
63 32.9 30.0 45.0

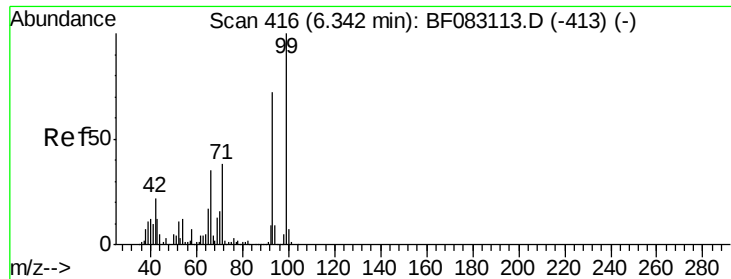


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.60 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083147.D

Acq: 22 Nov 2015 9:26

Instrument :

BNA_F

ClientSampleId :

MW-14A-111815

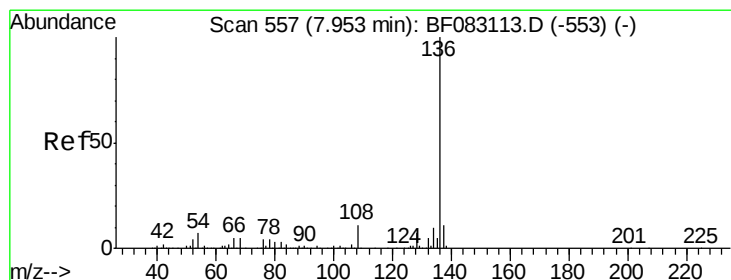
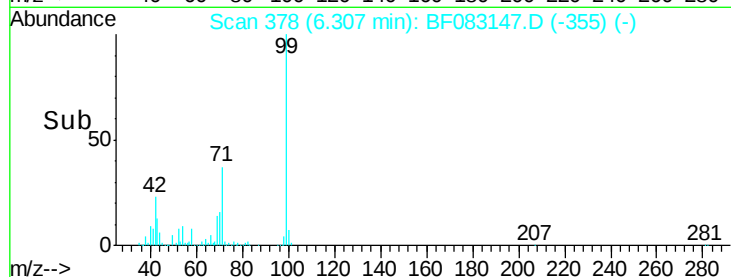
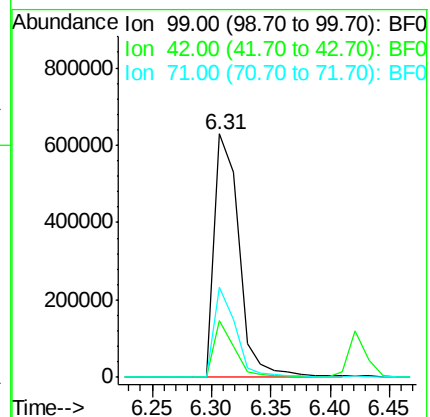
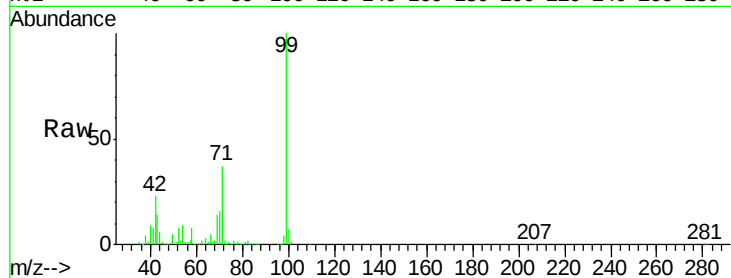
Tot Ion: 99 Resp: 915336

Ion Ratio Lower Upper

99 100

42 23.1 17.7 26.5

71 37.1 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: BF083147.D

Acq: 22 Nov 2015 9:26

Tgt Ion: 136 Resp: 757628

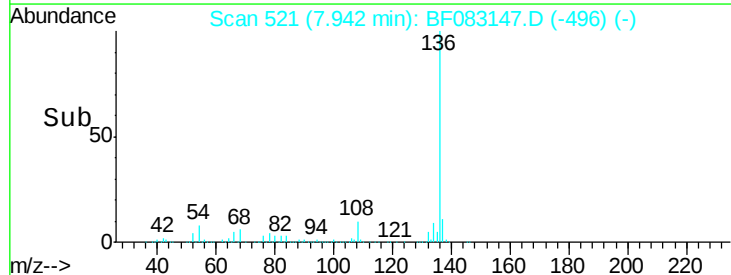
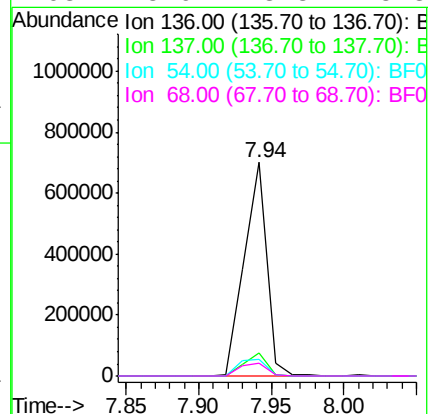
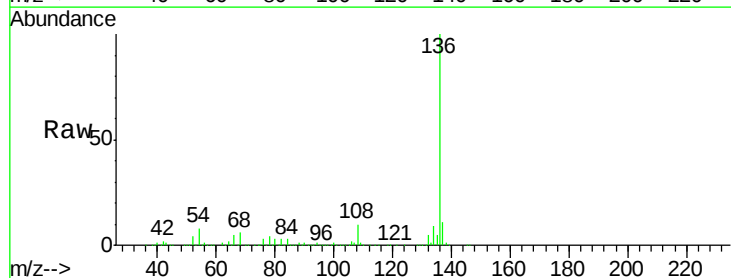
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 7.7 5.8 8.6

68 5.9 3.8 5.8#

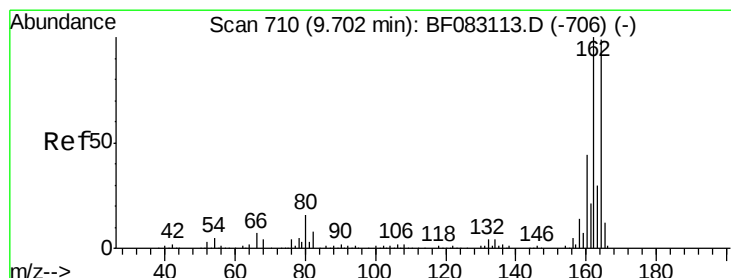
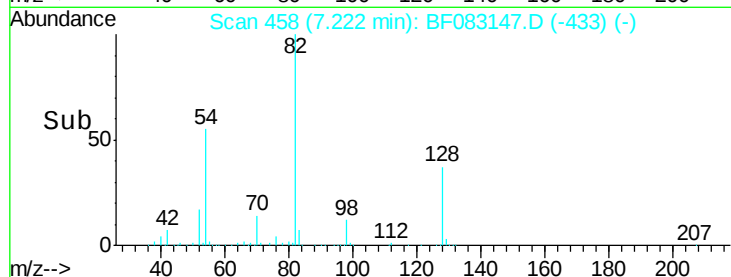
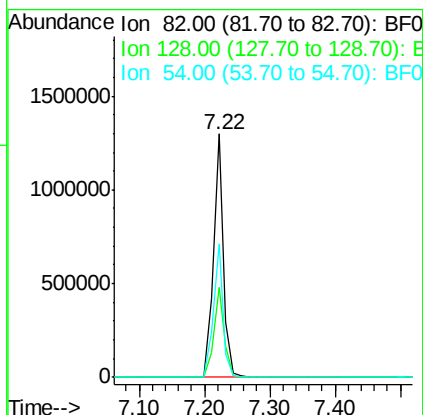
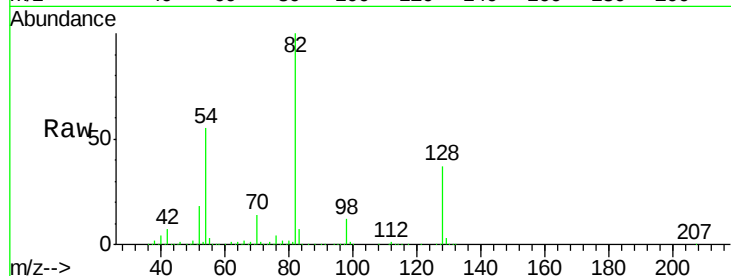




#23
Nitrobenzene-d5
Concen: 85.49 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083147.D
Acq: 22 Nov 2015 9:26

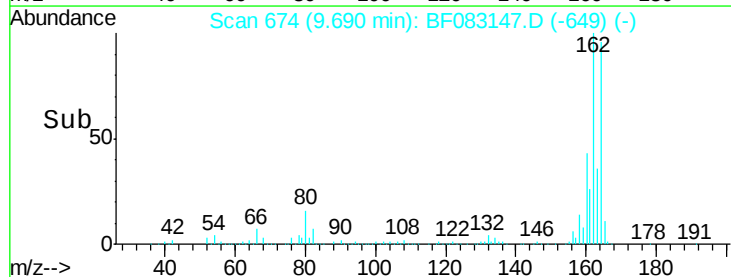
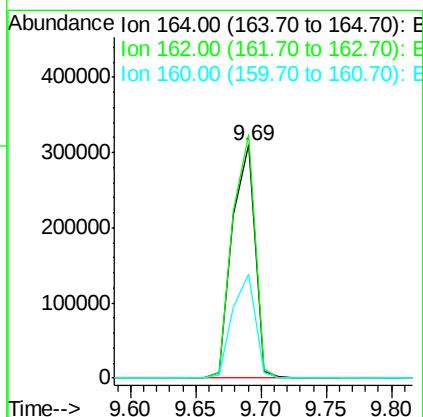
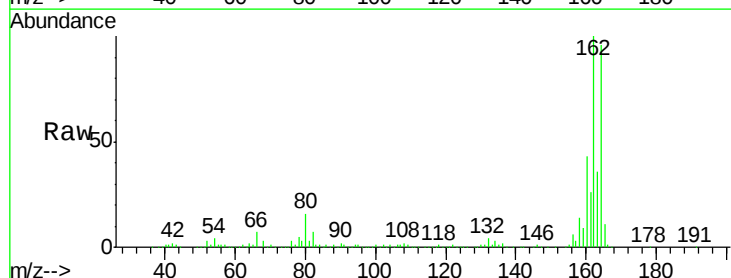
Instrument :
BNA_F
ClientSampleId :
MW-14A-111815

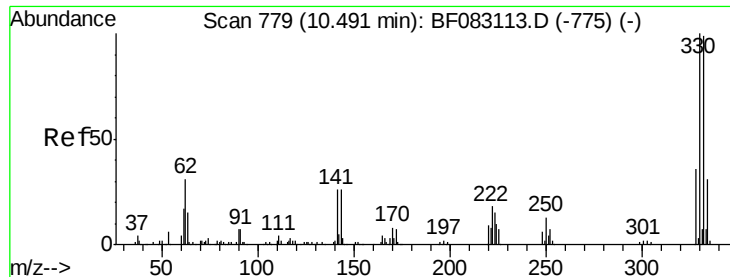
Tot Ion: 82 Resp: 1417431
Ion Ratio Lower Upper
82 100
128 37.1 28.5 42.7
54 54.7 44.6 67.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083147.D
Acq: 22 Nov 2015 9:26

Tgt Ion:164 Resp: 376054
Ion Ratio Lower Upper
164 100
162 104.6 81.2 121.8
160 44.7 35.6 53.4

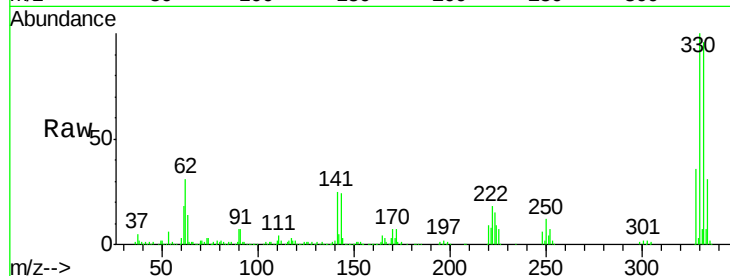




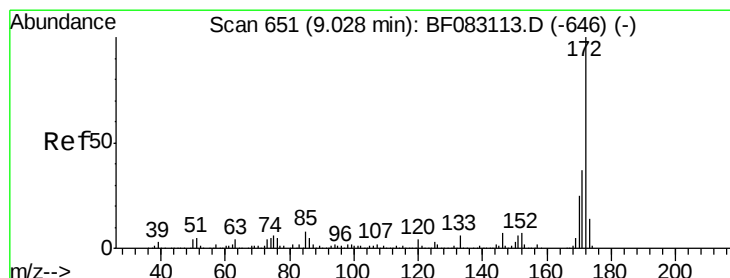
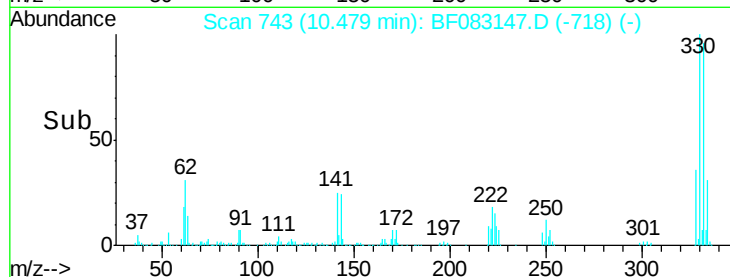
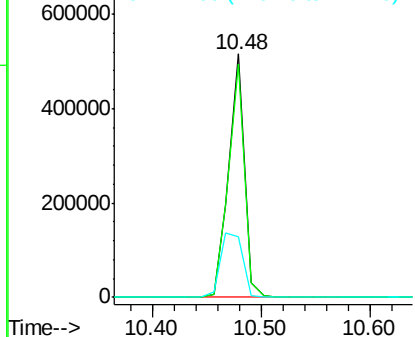
#41
 2,4,6-Tribromophenol
 Concen: 136.00 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083147.D
 Acq: 22 Nov 2015 9:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-14A-111815

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.7	116.5
141	37.8	29.7	44.5

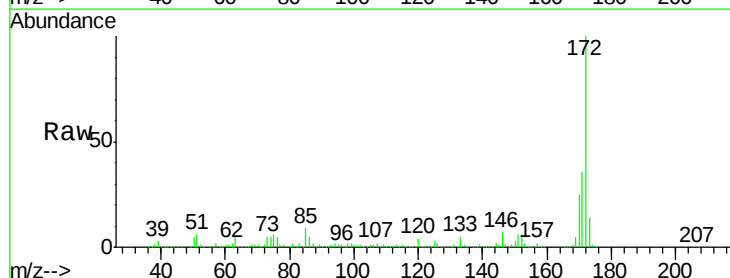


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

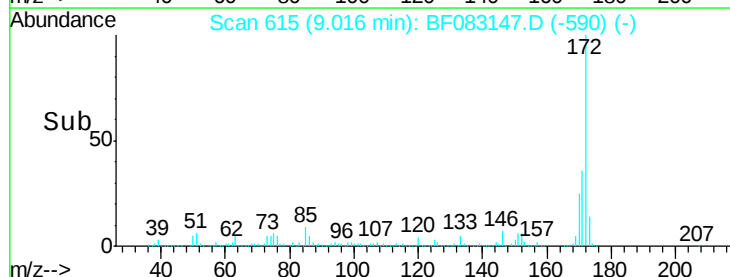
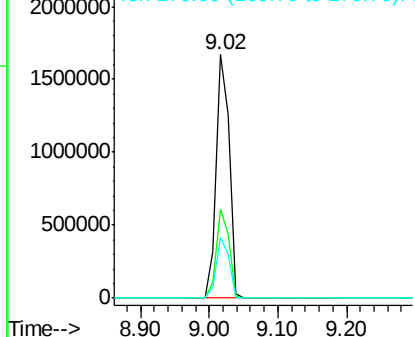


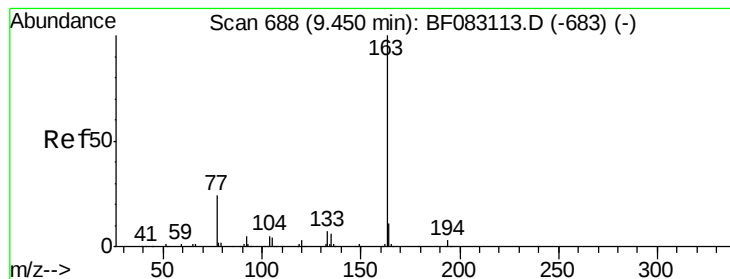
#44
 2-Fluorobiphenyl
 Concen: 84.01 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083147.D
 Acq: 22 Nov 2015 9:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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





#49

Dimethylphthalate

Concen: 3.13 ng

RT: 9.42 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF083147.D

Acq: 22 Nov 2015 9:26

Instrument :

BNA_F

ClientSampleId :

MW-14A-111815

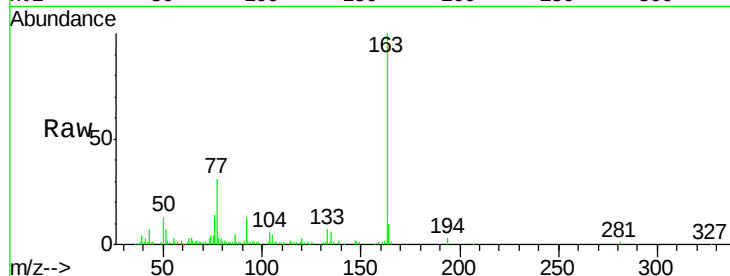
Tot Ion:163 Resp: 90636

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

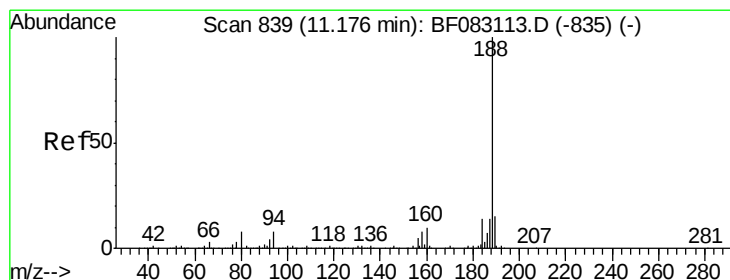
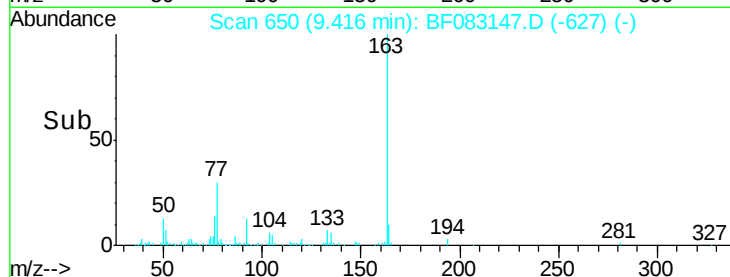
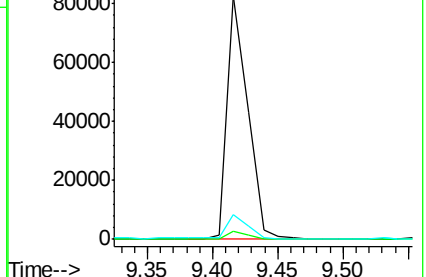
164 10.2 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083147.D

Acq: 22 Nov 2015 9:26

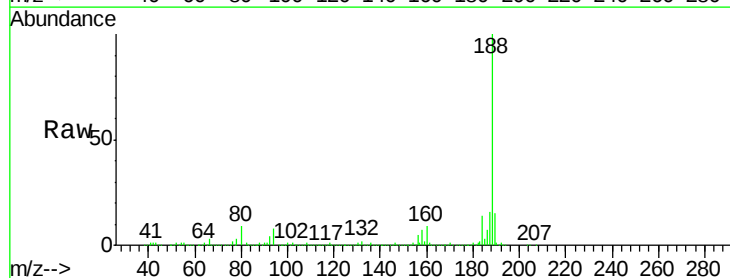
Tgt Ion:188 Resp: 712218

Ion Ratio Lower Upper

188 100

94 7.9 6.0 9.0

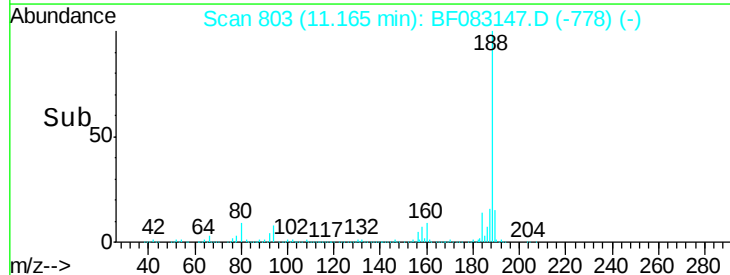
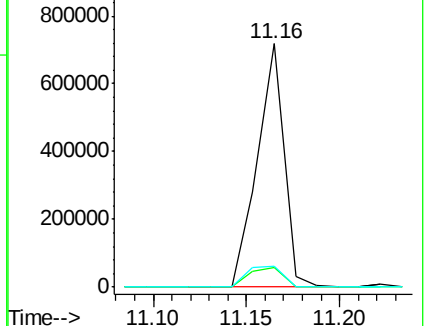
80 8.6 6.7 10.1

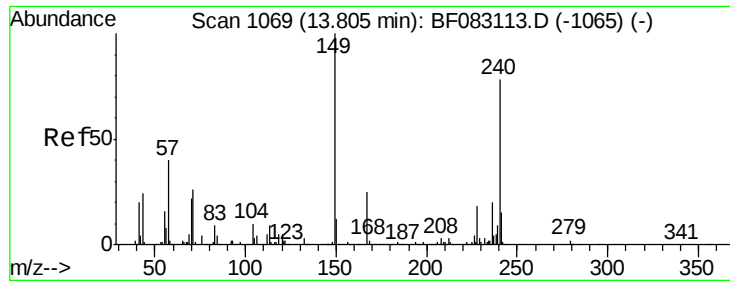


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

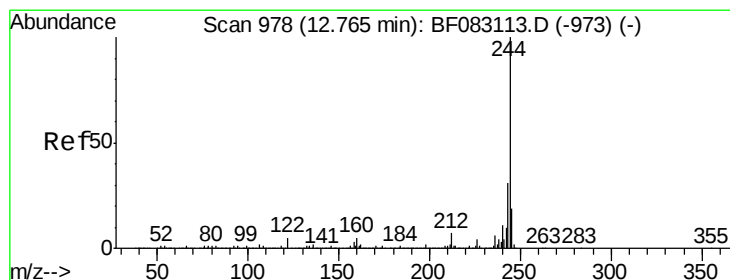
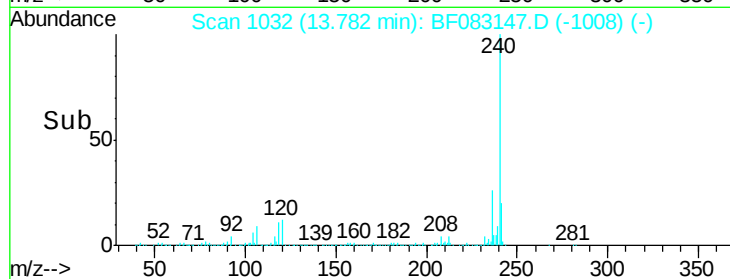
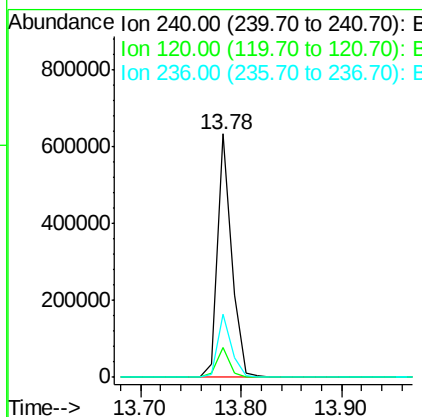
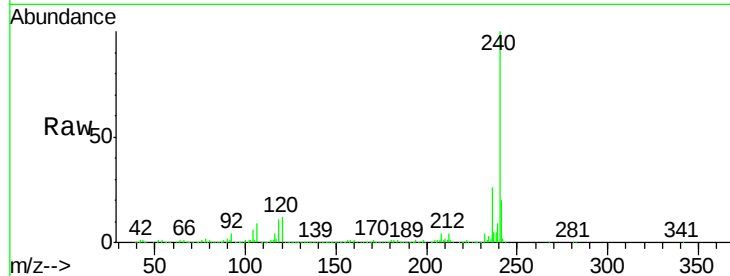




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083147.D
Acq: 22 Nov 2015 9:26

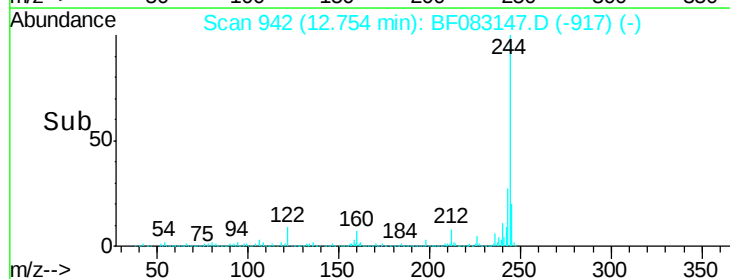
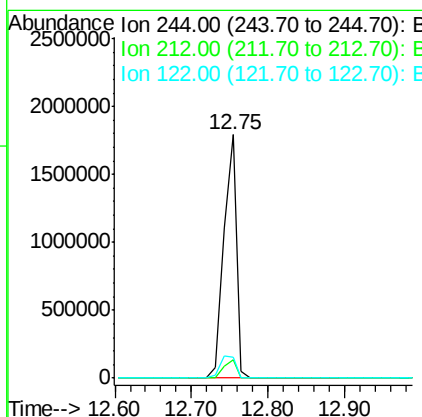
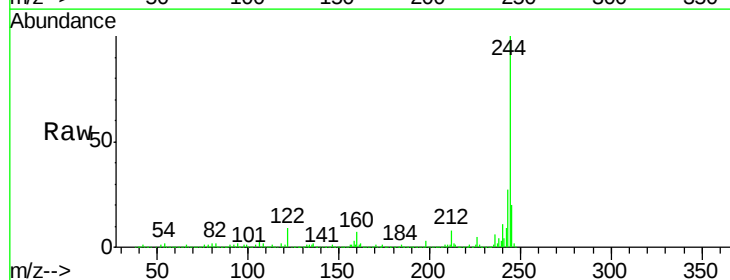
Instrument :
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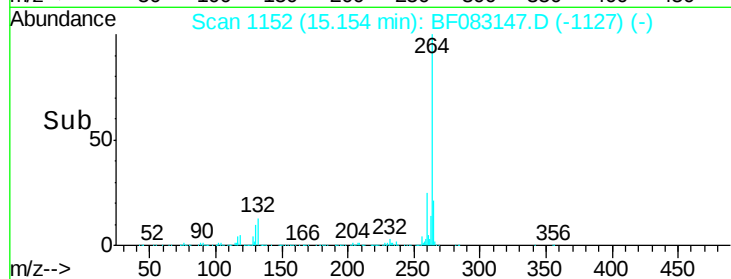
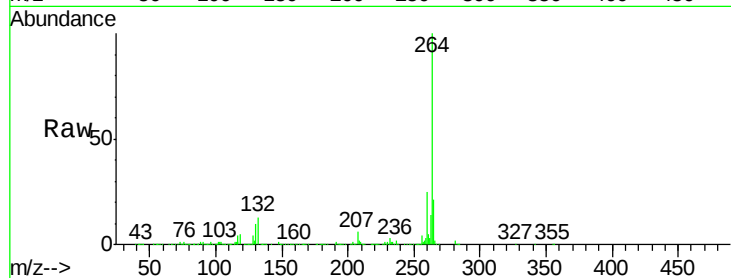
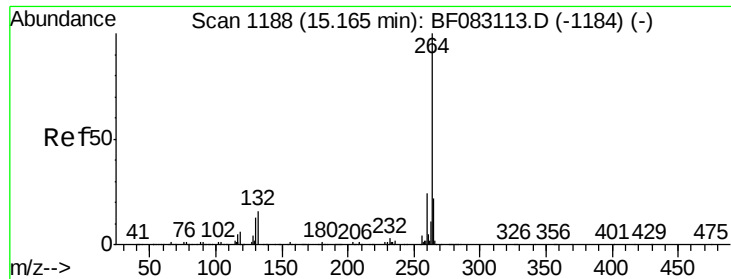
Tot Ion:240 Resp: 621391
Ion Ratio Lower Upper
240 100
120 12.1 5.4 8.2#
236 25.9 20.6 31.0



#78
Terphenyl-d14
Concen: 79.22 ng
RT: 12.75 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF083147.D
Acq: 22 Nov 2015 9:26

Tgt Ion:244 Resp: 2090338
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 8.7 4.3 6.5#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083147.D

Acq: 22 Nov 2015 9:26

Instrument :

BNA_F

ClientSampleId :

MW-14A-111815

Tot Ion:264 Resp: 515445

Ion Ratio Lower Upper

264 100

260 25.0 19.1 28.7

265 21.4 18.2 27.4

