

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083119.D
 Acq On : 21 Nov 2015 19:03
 Operator : UM/IZ
 Sample : PB86620BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BL

Quant Time: Nov 22 09:29:35 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	199386	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	777152	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	389488	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	733556	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	688269	20.00	ng	-0.01
86) Perylene-d12	15.15	264	599214	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1265428	95.95	ng	0.00
7) Phenol-d6	6.33	99	1778194	104.21	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1021645	60.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	372062	93.37	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1758729	62.97	ng	0.00
78) Terphenyl-d14	12.75	244	1718383	58.79	ng	-0.01

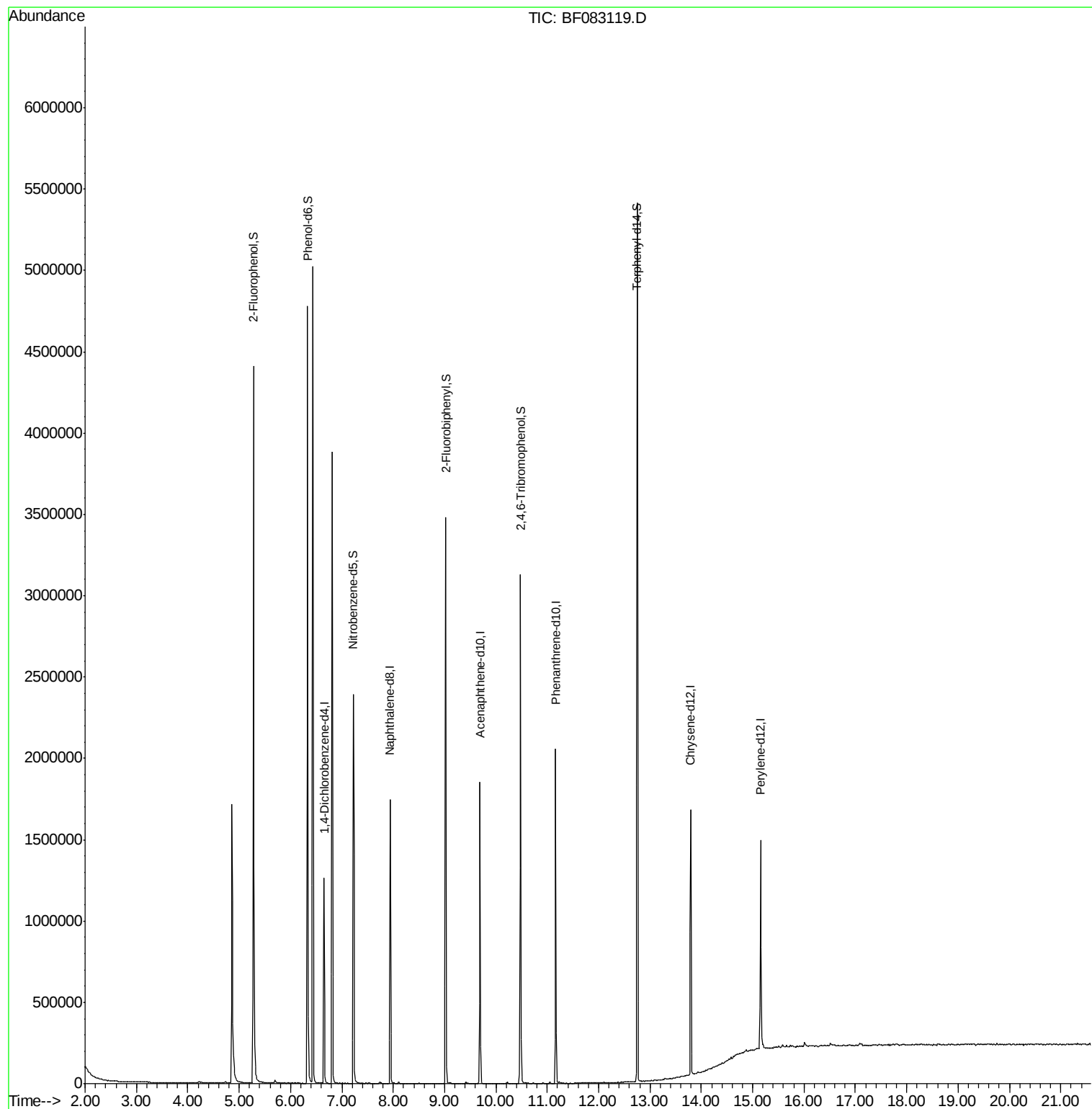
Target Compounds Qvalue

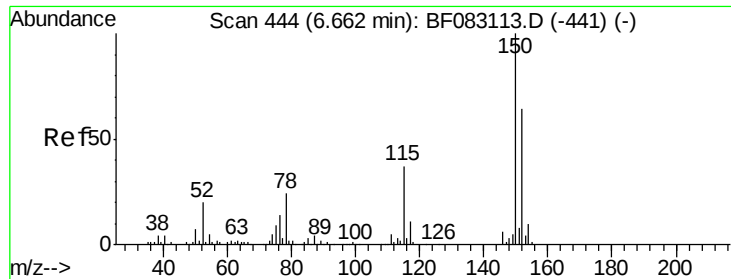
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083119.D

Acq: 21 Nov 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB86620BL

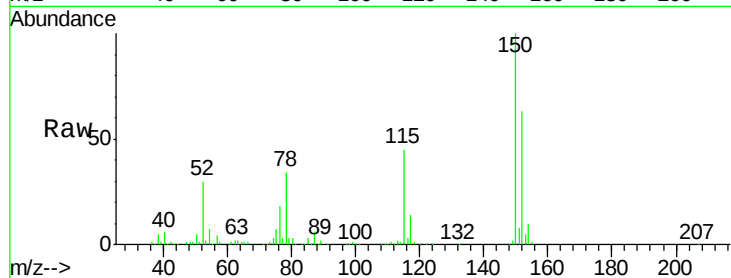
Tot Ion:152 Resp: 199386

Ion Ratio Lower Upper

152 100

150 160.0 125.8 188.8

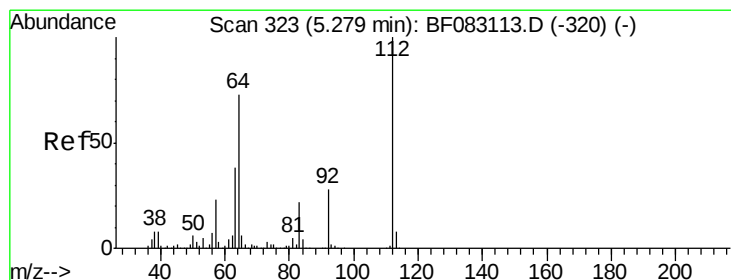
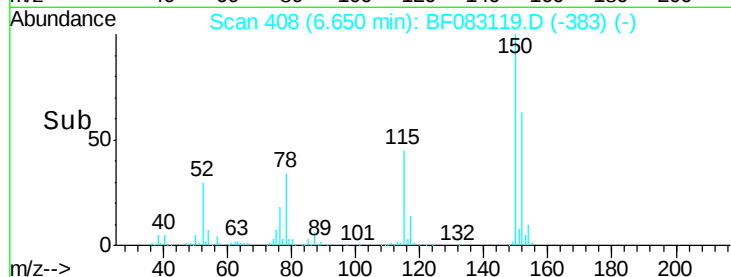
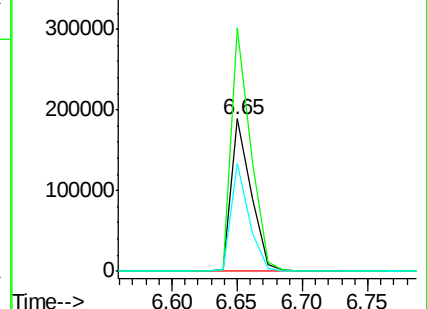
115 71.3 46.9 70.3#



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: 95.95 ng

RT: 5.28 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF083119.D

Acq: 21 Nov 2015 19:03

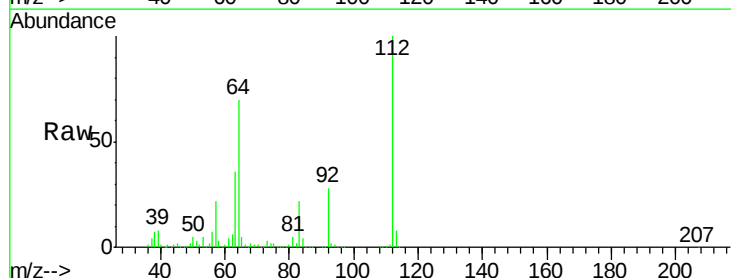
Tgt Ion:112 Resp: 1265428

Ion Ratio Lower Upper

112 100

64 69.5 58.4 87.6

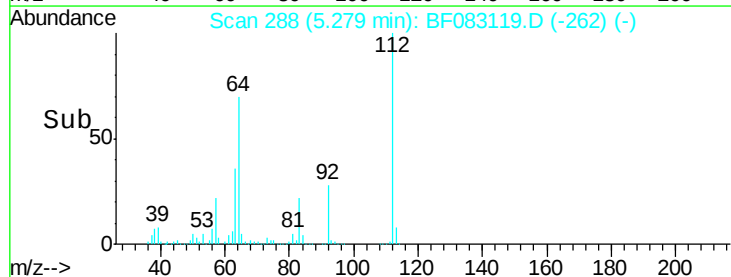
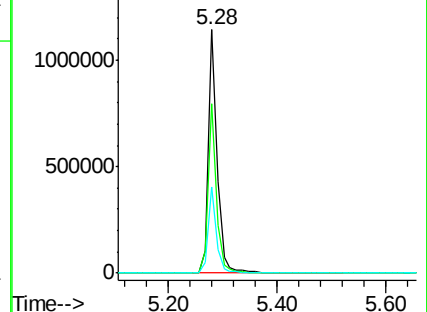
63 35.6 30.0 45.0

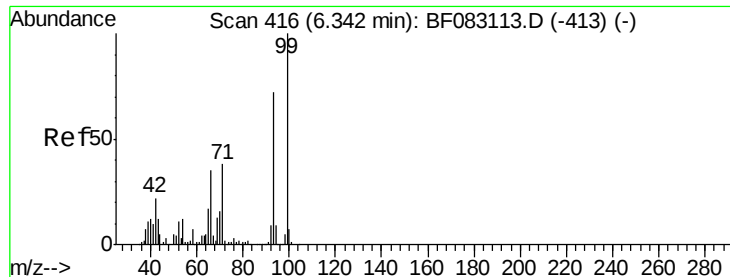


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.21 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083119.D

Acq: 21 Nov 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB86620BL

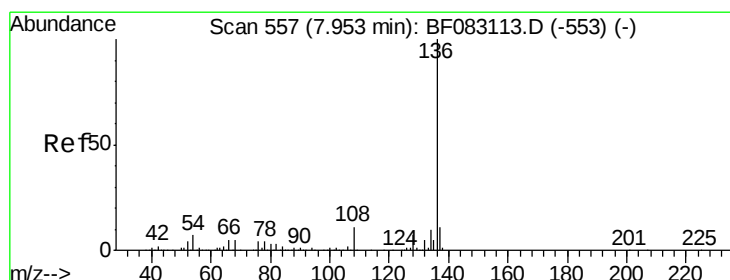
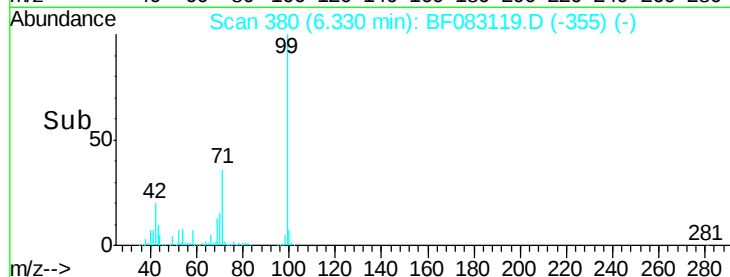
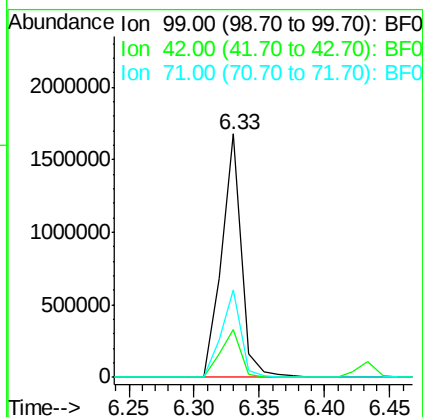
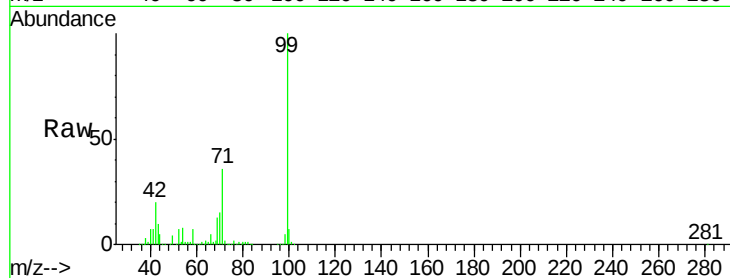
Tot Ion: 99 Resp: 1778194

Ion Ratio Lower Upper

99 100

42 19.5 17.7 26.5

71 36.2 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: BF083119.D

Acq: 21 Nov 2015 19:03

Tgt Ion: 136 Resp: 777152

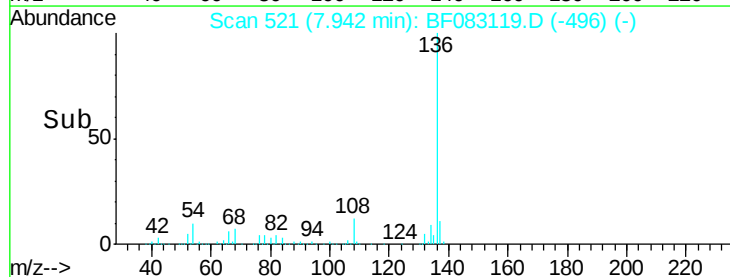
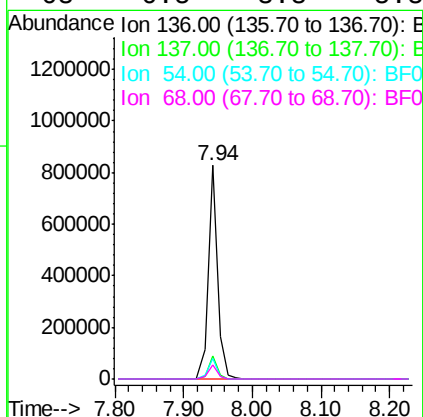
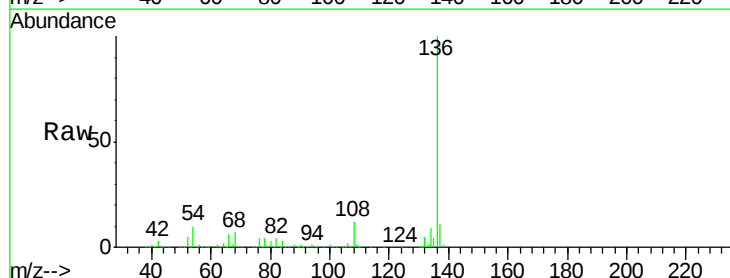
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.8 5.8 8.6#

68 6.5 3.8 5.8#

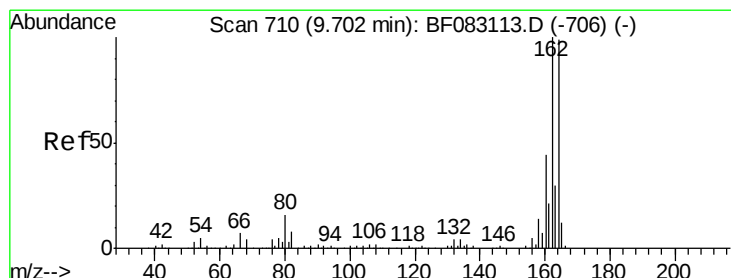
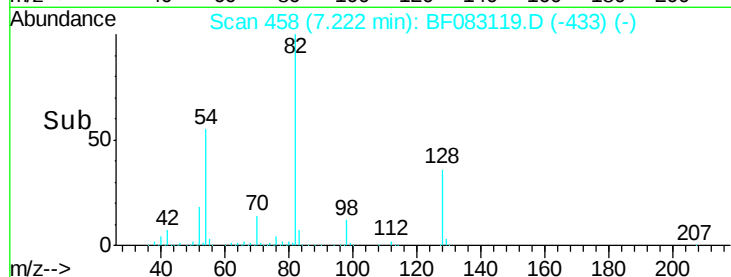
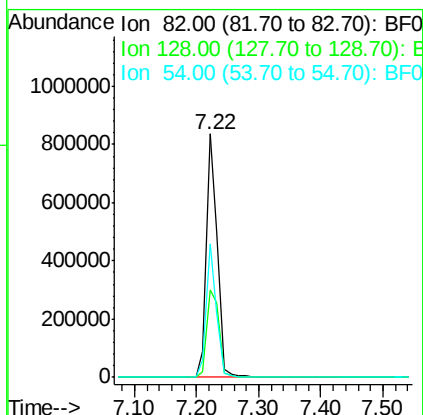
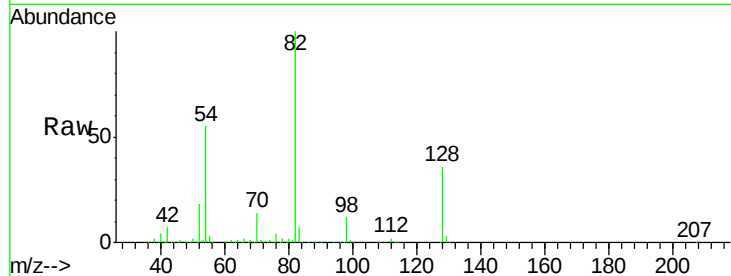




#23
 Nitrobenzene-d5
 Concen: 60.07 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083119.D
 Acq: 21 Nov 2015 19:03

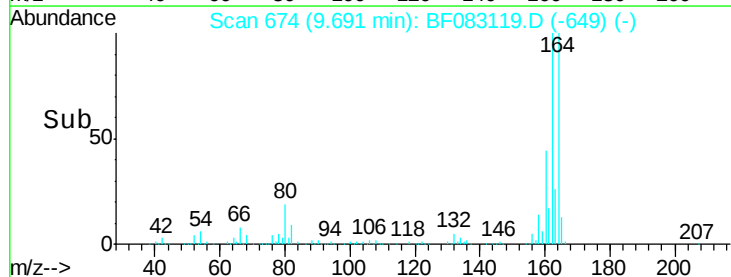
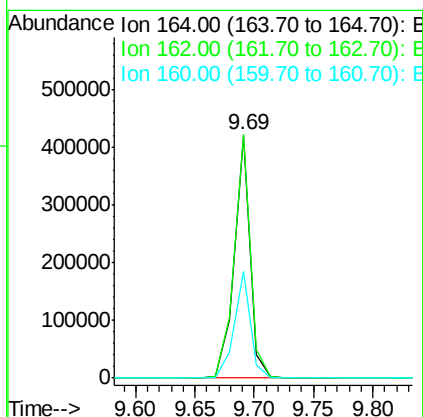
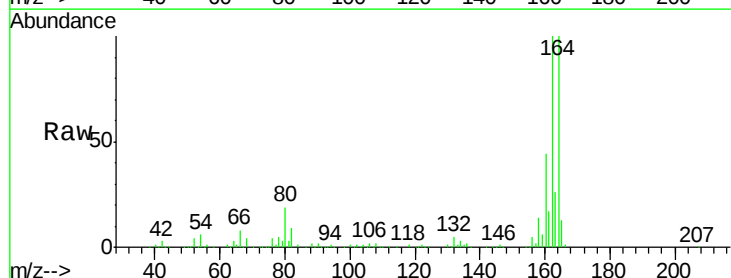
Instrument :
 BNA_F
 ClientSampled :
 PB86620BL

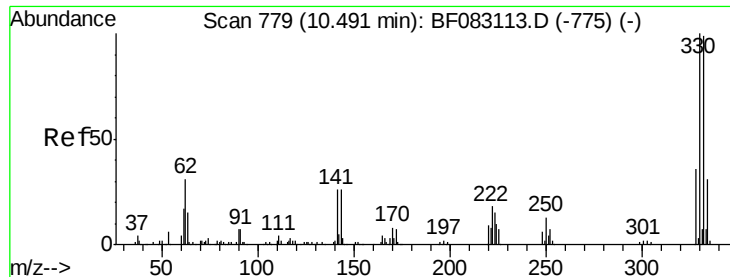
Tot Ion: 82 Resp: 1021645
 Ion Ratio Lower Upper
 82 100
 128 35.7 28.5 42.7
 54 54.8 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083119.D
 Acq: 21 Nov 2015 19:03

Tgt Ion:164 Resp: 389488
 Ion Ratio Lower Upper
 164 100
 162 100.3 81.2 121.8
 160 44.0 35.6 53.4

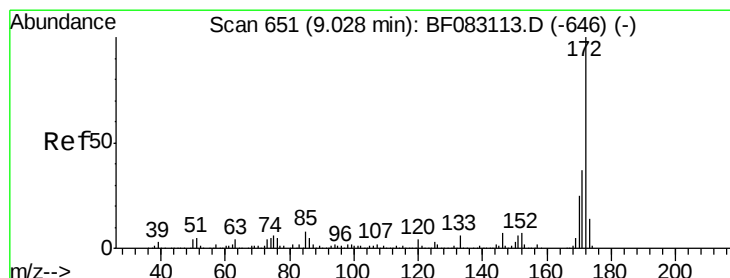
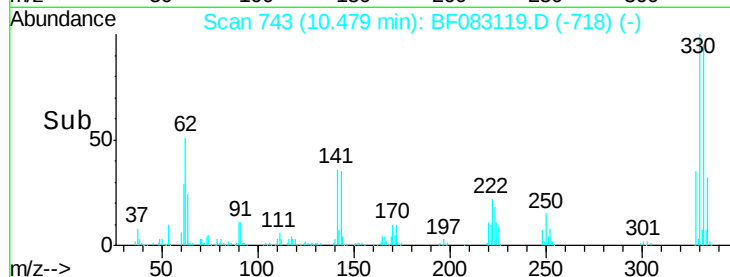
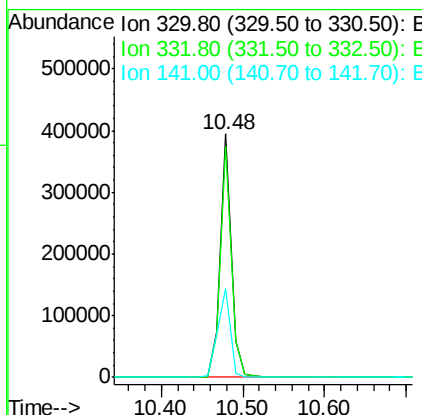
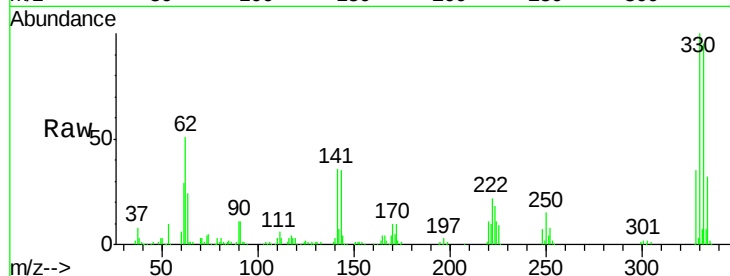




#41
 2,4,6-Tribromophenol
 Concen: 93.37 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083119.D
 Acq: 21 Nov 2015 19:03

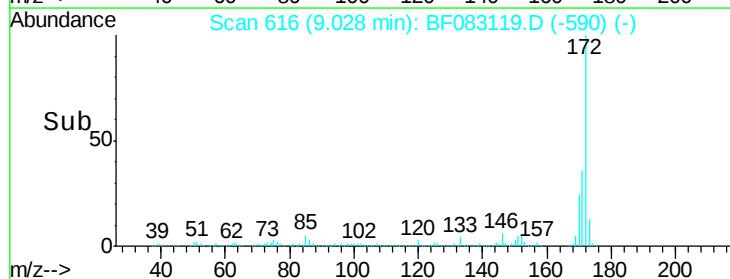
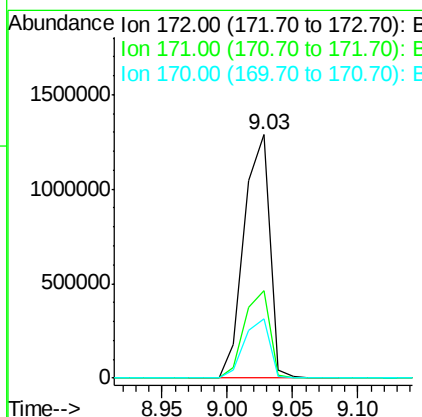
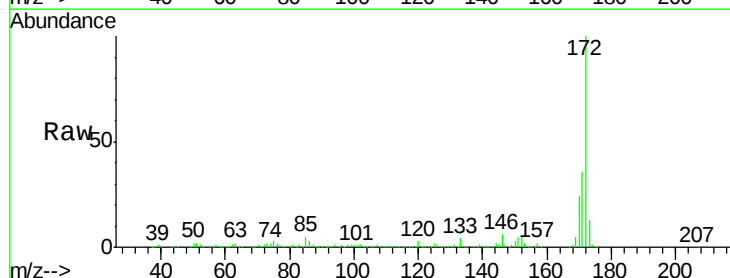
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BL

Tot Ion:330 Resp: 372062
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.7 116.5
 141 41.6 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 62.97 ng
 RT: 9.03 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF083119.D
 Acq: 21 Nov 2015 19:03

Tgt Ion:172 Resp: 1758729
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.5 44.3
 170 24.1 19.9 29.9

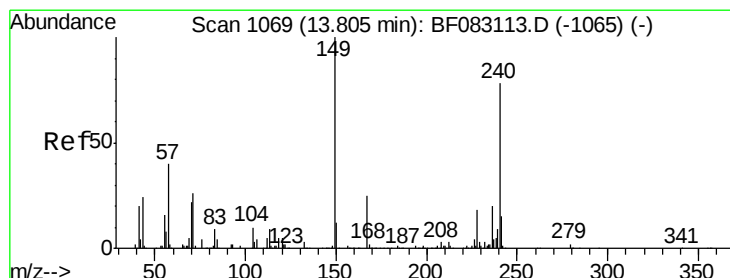
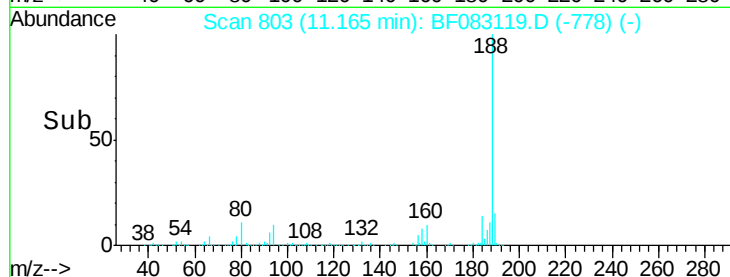
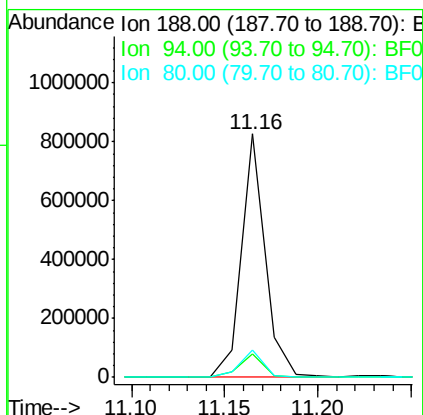
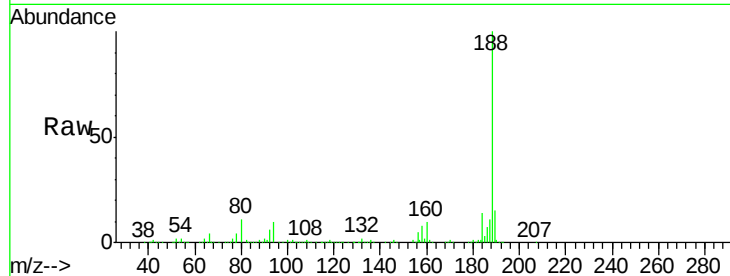




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083119.D
Acq: 21 Nov 2015 19:03

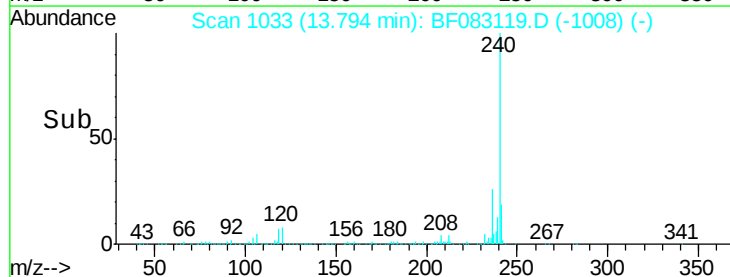
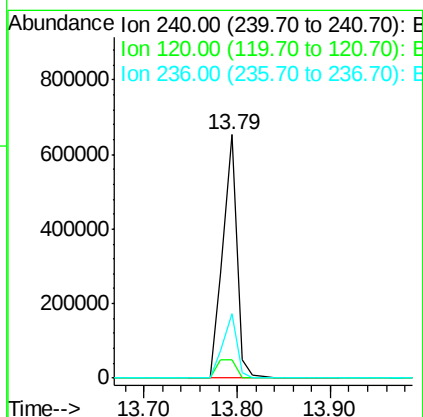
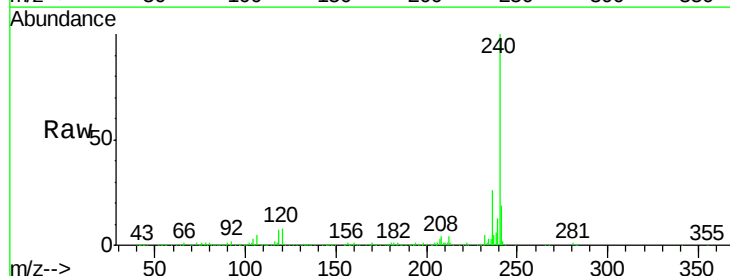
Instrument :
BNA_F
ClientSampleId :
PB86620BL

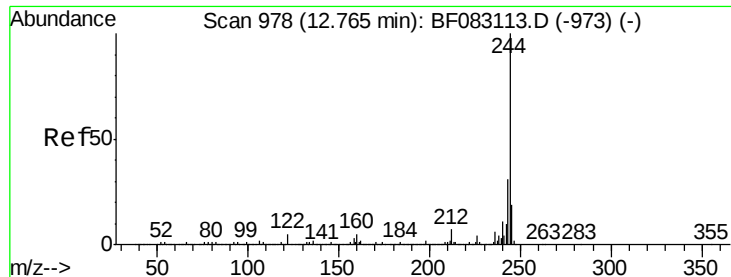
Tot Ion:188 Resp: 733556
Ion Ratio Lower Upper
188 100
94 9.6 6.0 9.0#
80 11.2 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083119.D
Acq: 21 Nov 2015 19:03

Tgt Ion:240 Resp: 688269
Ion Ratio Lower Upper
240 100
120 7.5 5.4 8.2
236 26.2 20.6 31.0





#78

Terphenyl-d14

Concen: 58.79 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083119.D

Acq: 21 Nov 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB86620BL

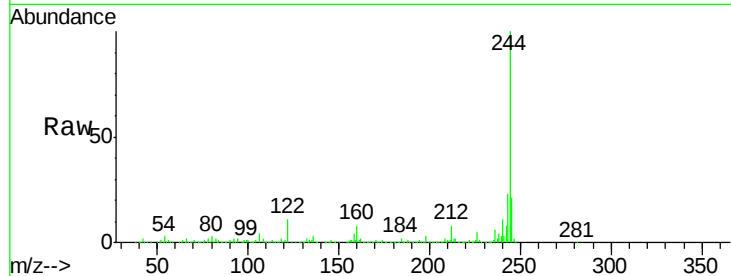
Tot Ion:244 Resp: 1718383

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

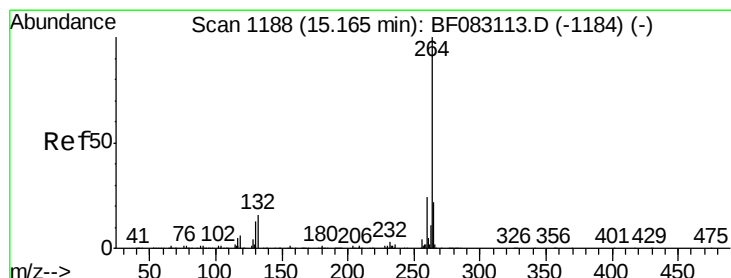
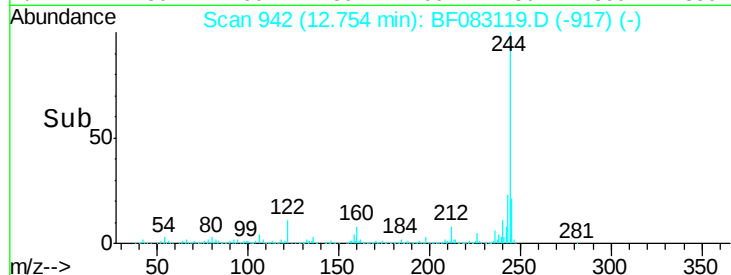
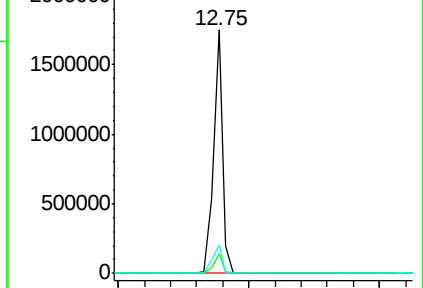
122 11.5 4.3 6.5#



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: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083119.D

Acq: 21 Nov 2015 19:03

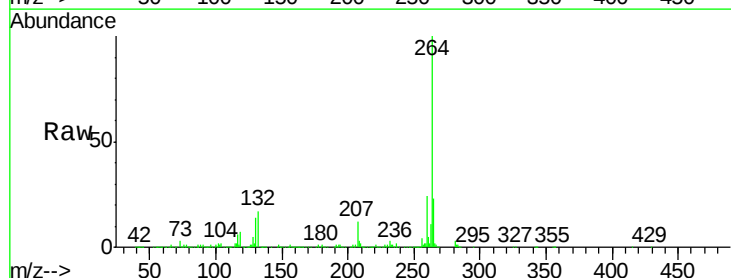
Tgt Ion:264 Resp: 599214

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 22.5 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

