

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083310.D
 Acq On : 26 Nov 2015 10:35
 Operator : UM/IZ
 Sample : G4572-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112415-A263-E-U-B

Quant Time: Nov 26 16:25:53 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	6.59	152	138370	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	495239	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	214814	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	374894	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	414572	20.00	ng	-0.08
86) Perylene-d12	15.07	264	300681	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	381110	41.64	ng	-0.09
7) Phenol-d6	6.25	99	328285	27.72	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1008221	93.02	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	160406	72.99	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1316793	85.48	ng	-0.07
78) Terphenyl-d14	12.68	244	1176315	66.82	ng	-0.08

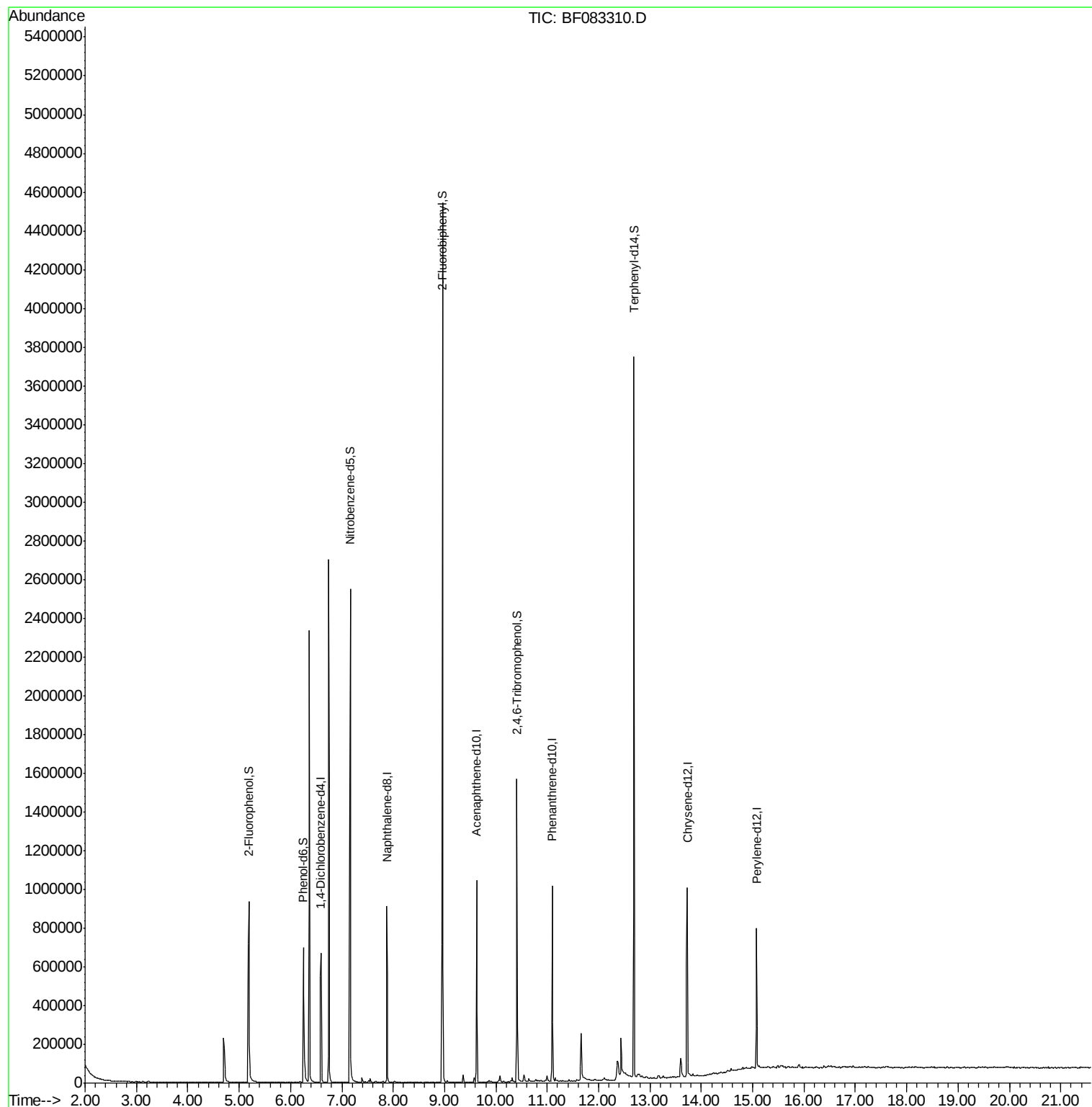
Target Compounds Qvalue

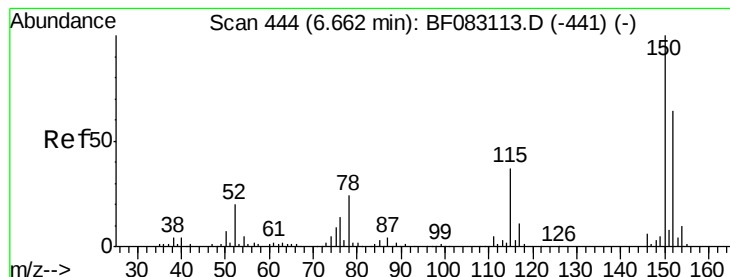
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 403

Delta R.T. -0.07 min

Lab File: BF083310.D

Acq: 26 Nov 2015 10:35

Instrument :

BNA_F

ClientSampleId :

112415-A263-E-U-B

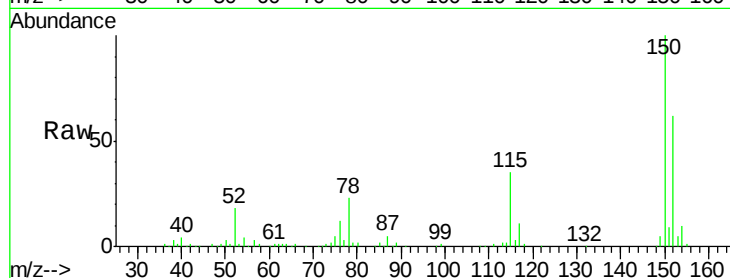
Tot Ion:152 Resp: 138370

Ion Ratio Lower Upper

152 100

150 162.1 125.8 188.8

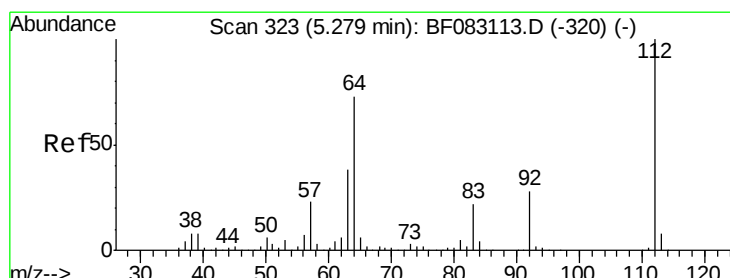
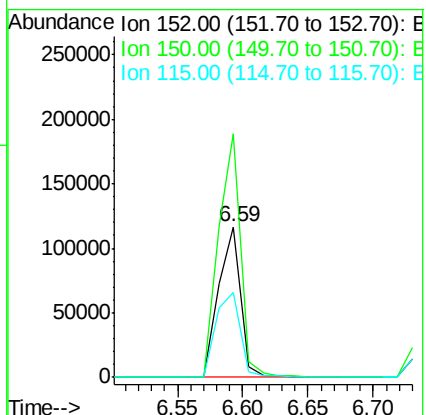
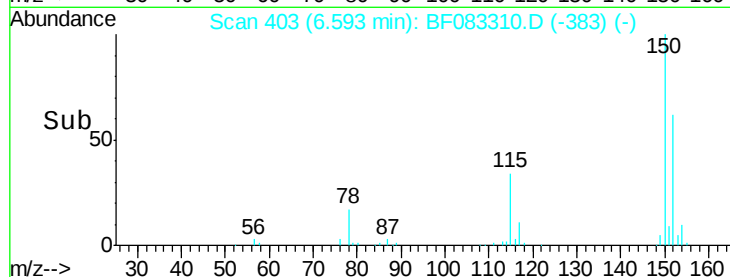
115 56.1 46.9 70.3



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: 41.64 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083310.D

Acq: 26 Nov 2015 10:35

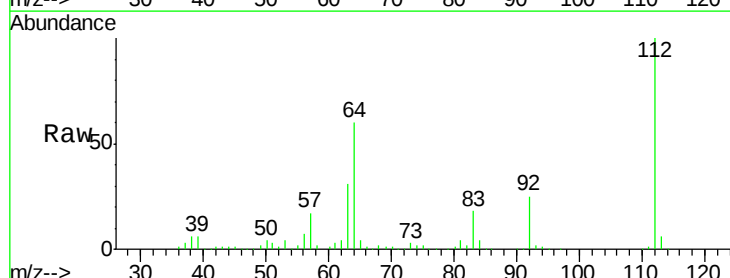
Tgt Ion:112 Resp: 381110

Ion Ratio Lower Upper

112 100

64 59.6 58.4 87.6

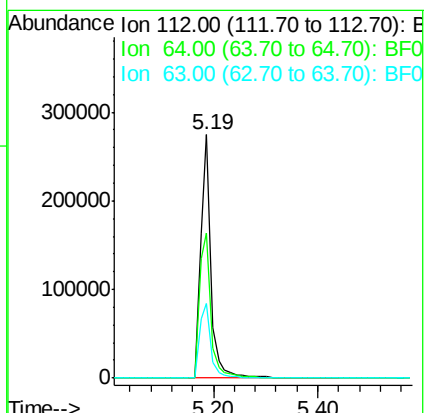
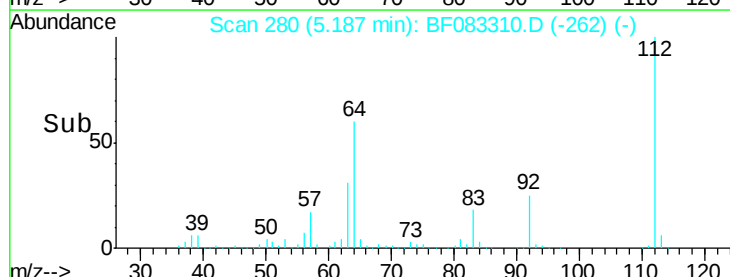
63 30.6 30.0 45.0

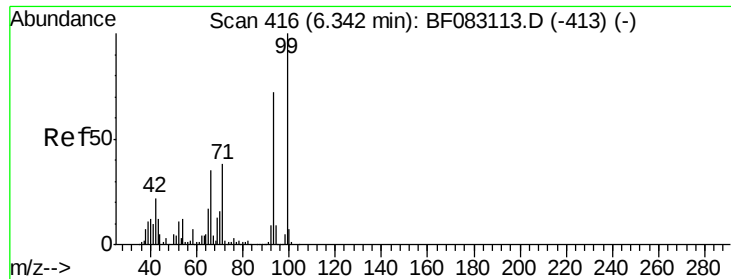


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.72 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083310.D

Acq: 26 Nov 2015 10:35

Instrument :

BNA_F

ClientSampleId :

112415-A263-E-U-B

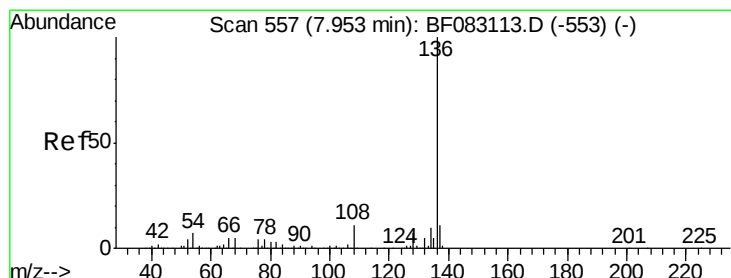
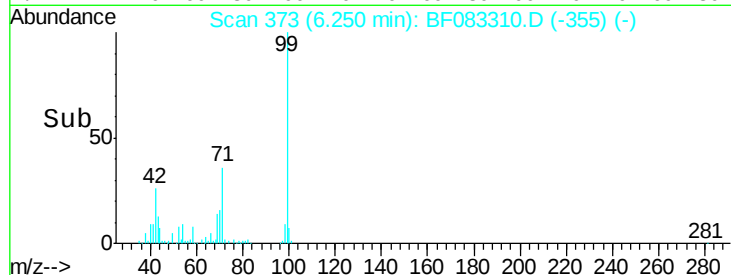
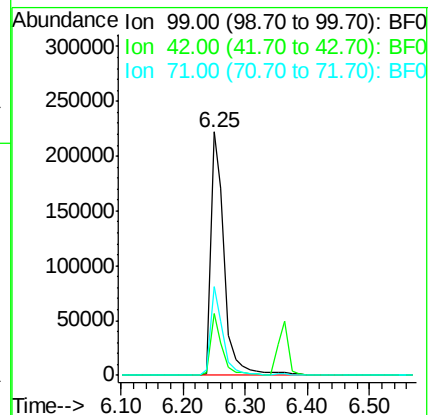
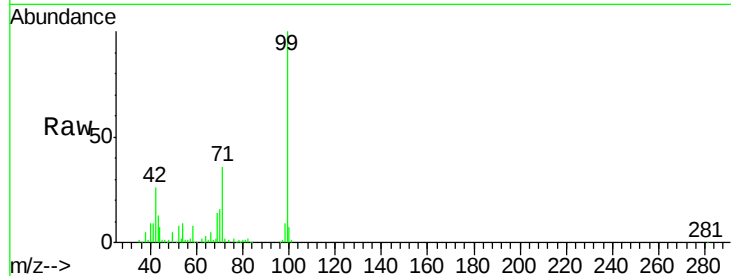
Tot Ion: 99 Resp: 328285

Ion Ratio Lower Upper

99 100

42 25.7 17.7 26.5

71 36.3 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083310.D

Acq: 26 Nov 2015 10:35

Tgt Ion: 136 Resp: 495239

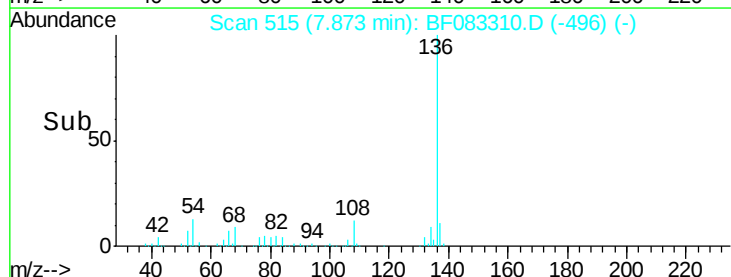
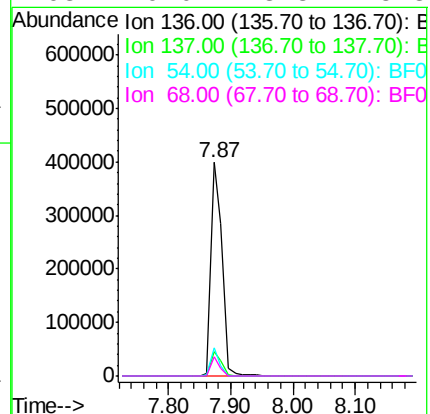
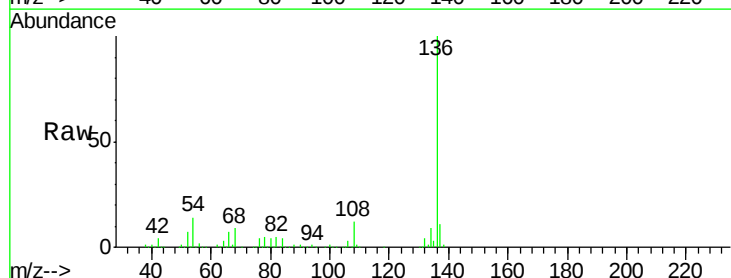
Ion Ratio Lower Upper

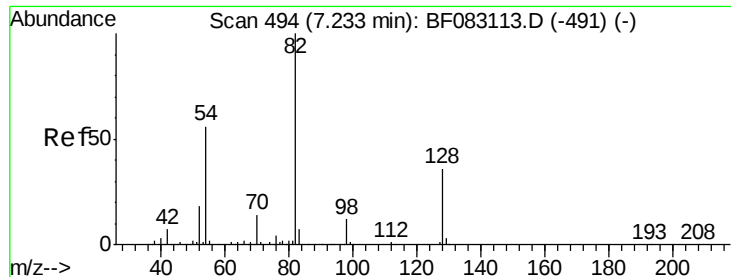
136 100

137 11.3 8.7 13.1

54 13.5 5.8 8.6#

68 9.0 3.8 5.8#

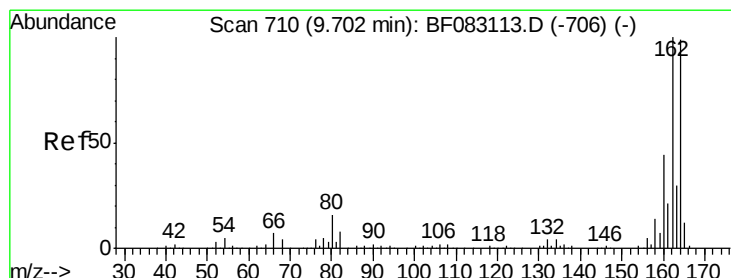
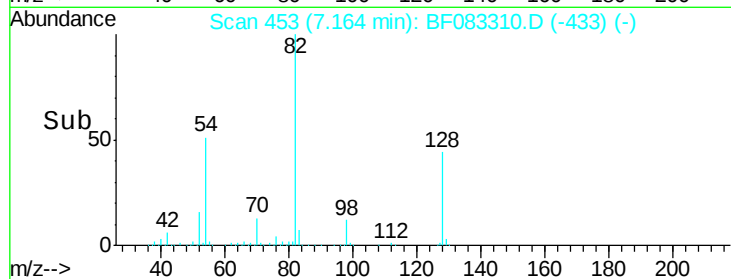
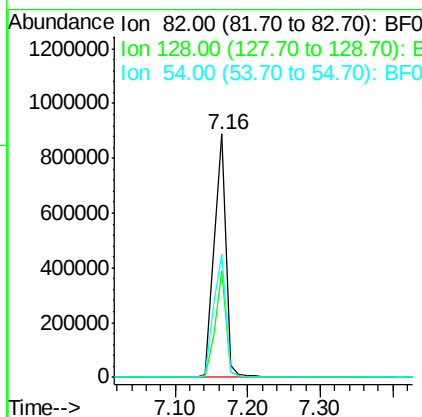
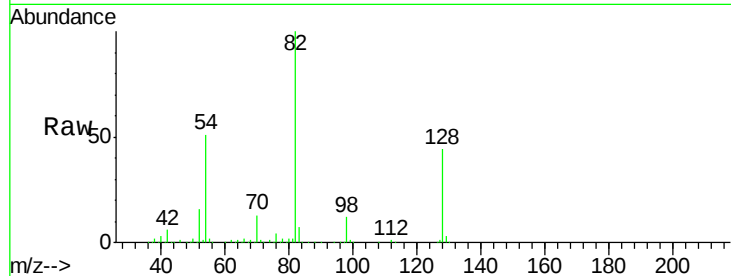




#23
 Nitrobenzene-d5
 Concen: 93.02 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083310.D
 Acq: 26 Nov 2015 10:35

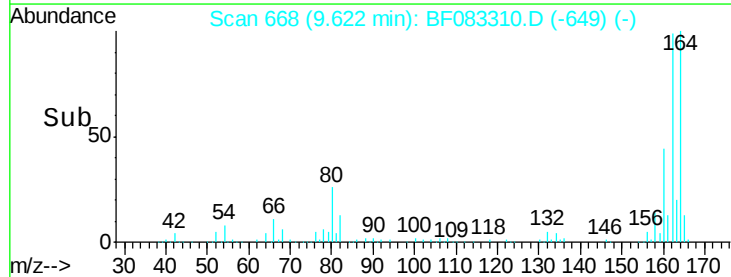
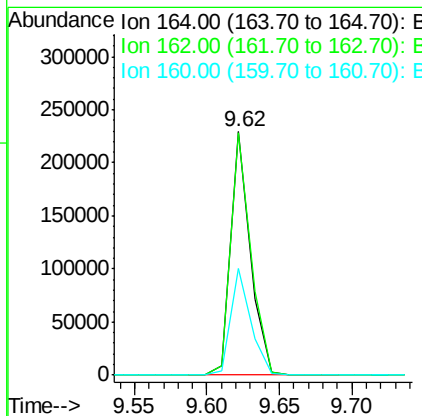
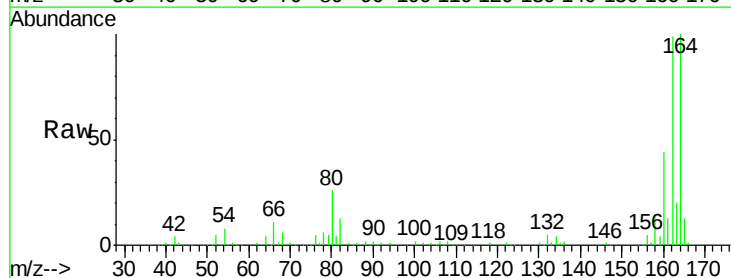
Instrument :
 BNA_F
 ClientSampleId :
 112415-A263-E-U-B

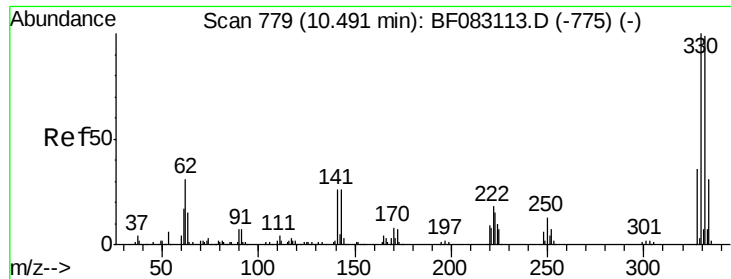
Tot Ion: 82 Resp: 1008221
 Ion Ratio Lower Upper
 82 100
 128 44.0 28.5 42.7#
 54 50.8 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083310.D
 Acq: 26 Nov 2015 10:35

Tgt Ion:164 Resp: 214814
 Ion Ratio Lower Upper
 164 100
 162 99.4 81.2 121.8
 160 43.9 35.6 53.4

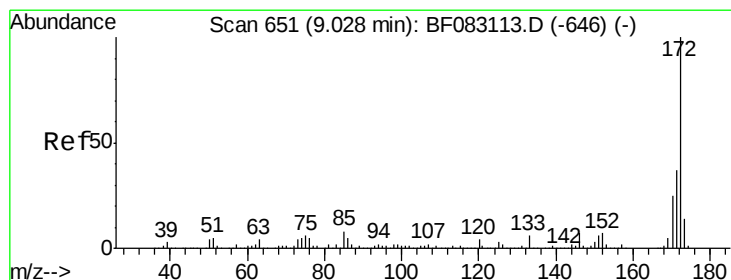
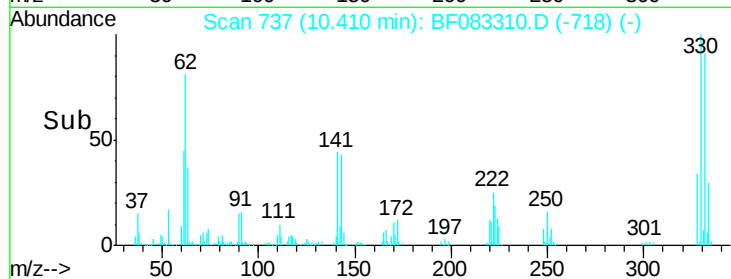
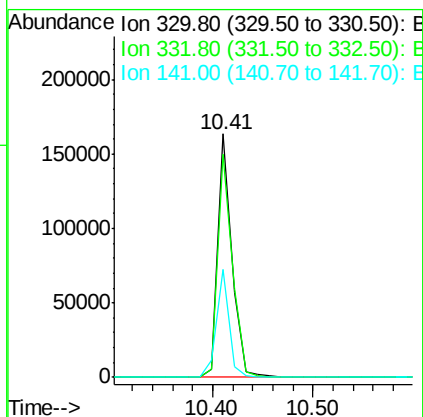
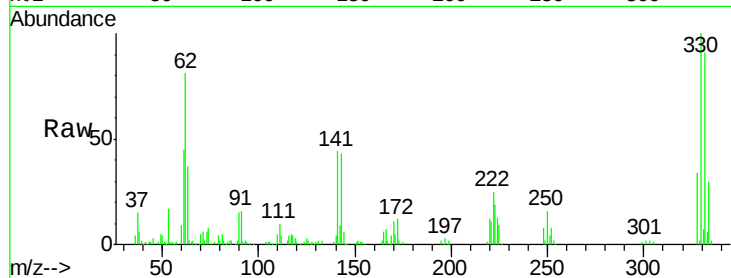




#41
 2,4,6-Tribromophenol
 Concen: 72.99 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083310.D
 Acq: 26 Nov 2015 10:35

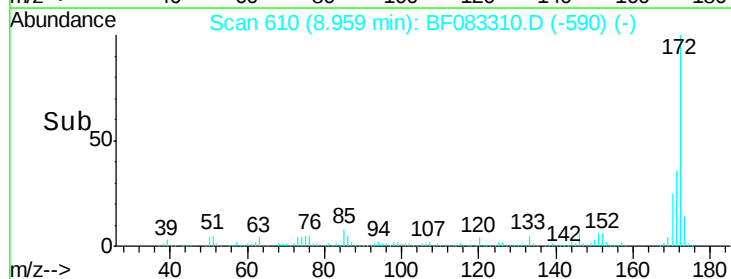
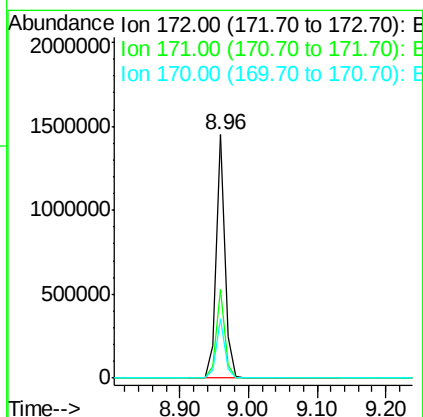
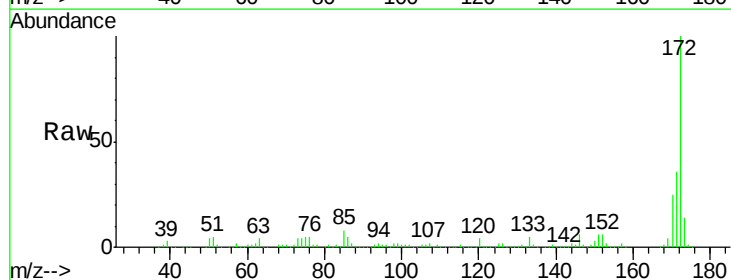
Instrument :
 BNA_F
 ClientSampleId :
 112415-A263-E-U-B

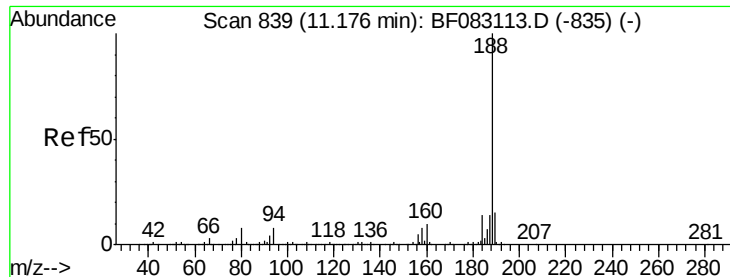
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.7	116.5
141	39.7	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 85.48 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083310.D
 Acq: 26 Nov 2015 10:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	24.6	19.9	29.9

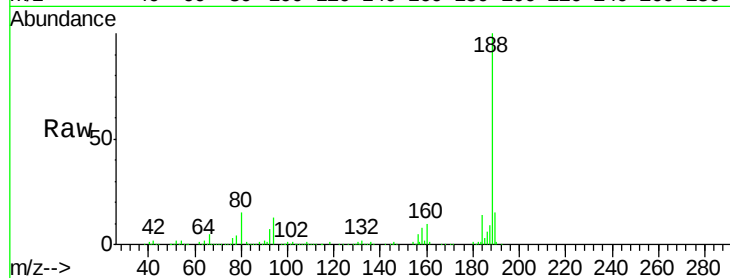




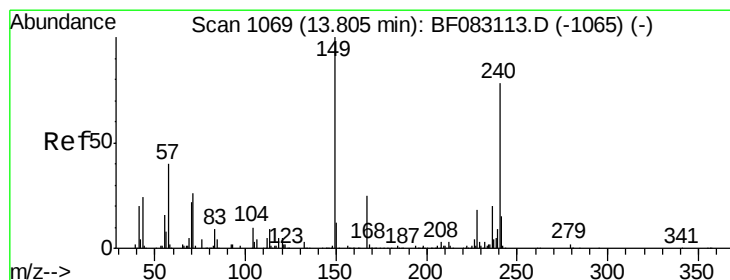
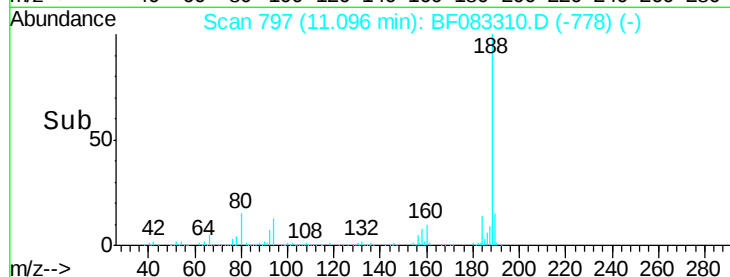
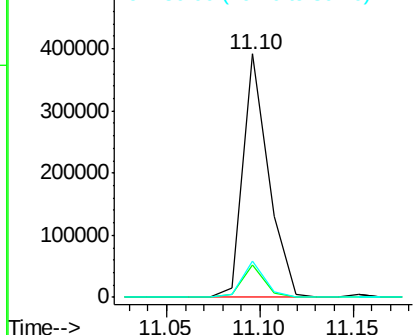
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083310.D
Acq: 26 Nov 2015 10:35

Instrument :
BNA_F
ClientSampleId :
112415-A263-E-U-B

Tot Ion:188 Resp: 374894
Ion Ratio Lower Upper
188 100
94 13.2 6.0 9.0#
80 14.8 6.7 10.1#

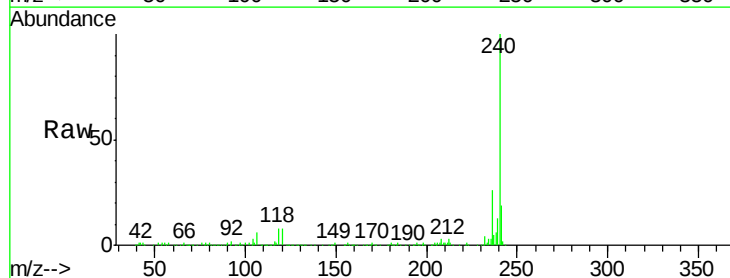


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

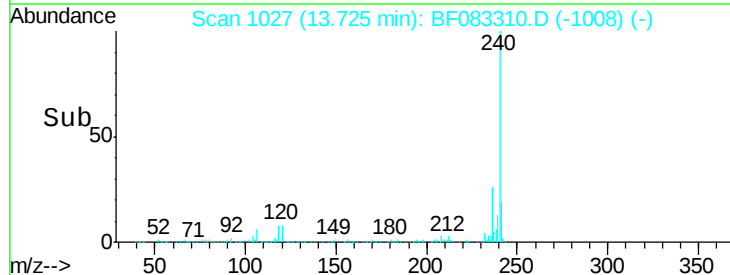
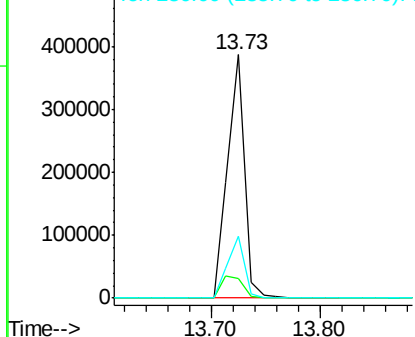


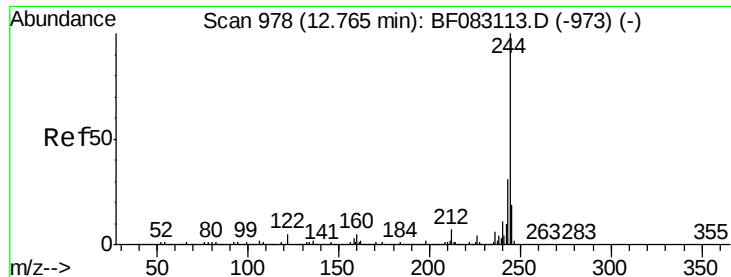
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083310.D
Acq: 26 Nov 2015 10:35

Tgt Ion:240 Resp: 414572
Ion Ratio Lower Upper
240 100
120 8.1 5.4 8.2
236 25.6 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

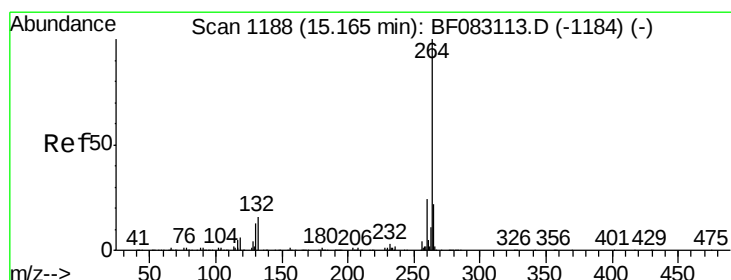
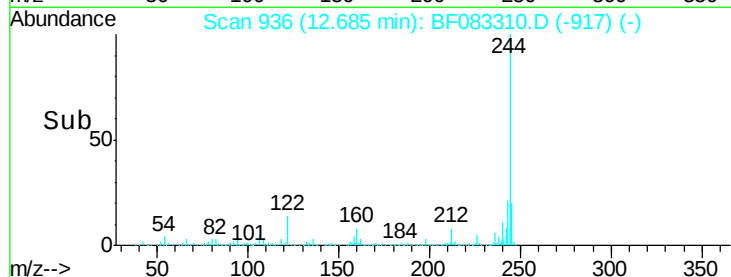
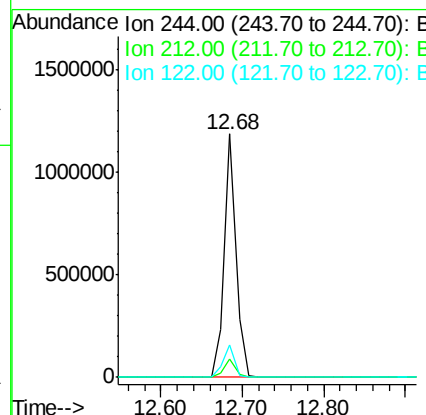
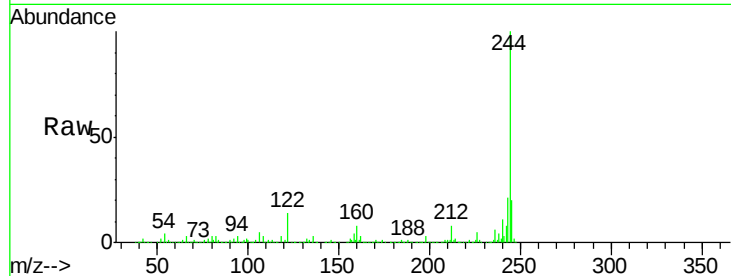




#78
 Terphenyl-d14
 Concen: 66.82 ng
 RT: 12.68 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083310.D
 Acq: 26 Nov 2015 10:35

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 112415-A263-E-U-B

Tot Ion:244 Resp: 1176315
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 13.5 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.09 min
 Lab File: BF083310.D
 Acq: 26 Nov 2015 10:35

Tgt Ion:264 Resp: 300681
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.9 18.2 27.4

