

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083304.D
 Acq On : 26 Nov 2015 7:40
 Operator : UM/IZ
 Sample : G4553-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112315-A263-F-D-B

Quant Time: Nov 26 12:51:33 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	139516	20.00	ng	-0.07
21) Naphthalene-d8	7.88	136	478266	20.00	ng	-0.07
38) Acenaphthene-d10	9.62	164	199919	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	352635	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	412200	20.00	ng	-0.08
86) Perylene-d12	15.07	264	282551	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	283842	30.76	ng	-0.09
7) Phenol-d6	6.26	99	256549	21.49	ng	-0.08
23) Nitrobenzene-d5	7.16	82	605460	57.85	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	101476	49.61	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	898890	62.70	ng	-0.07
78) Terphenyl-d14	12.69	244	813048	46.45	ng	-0.08

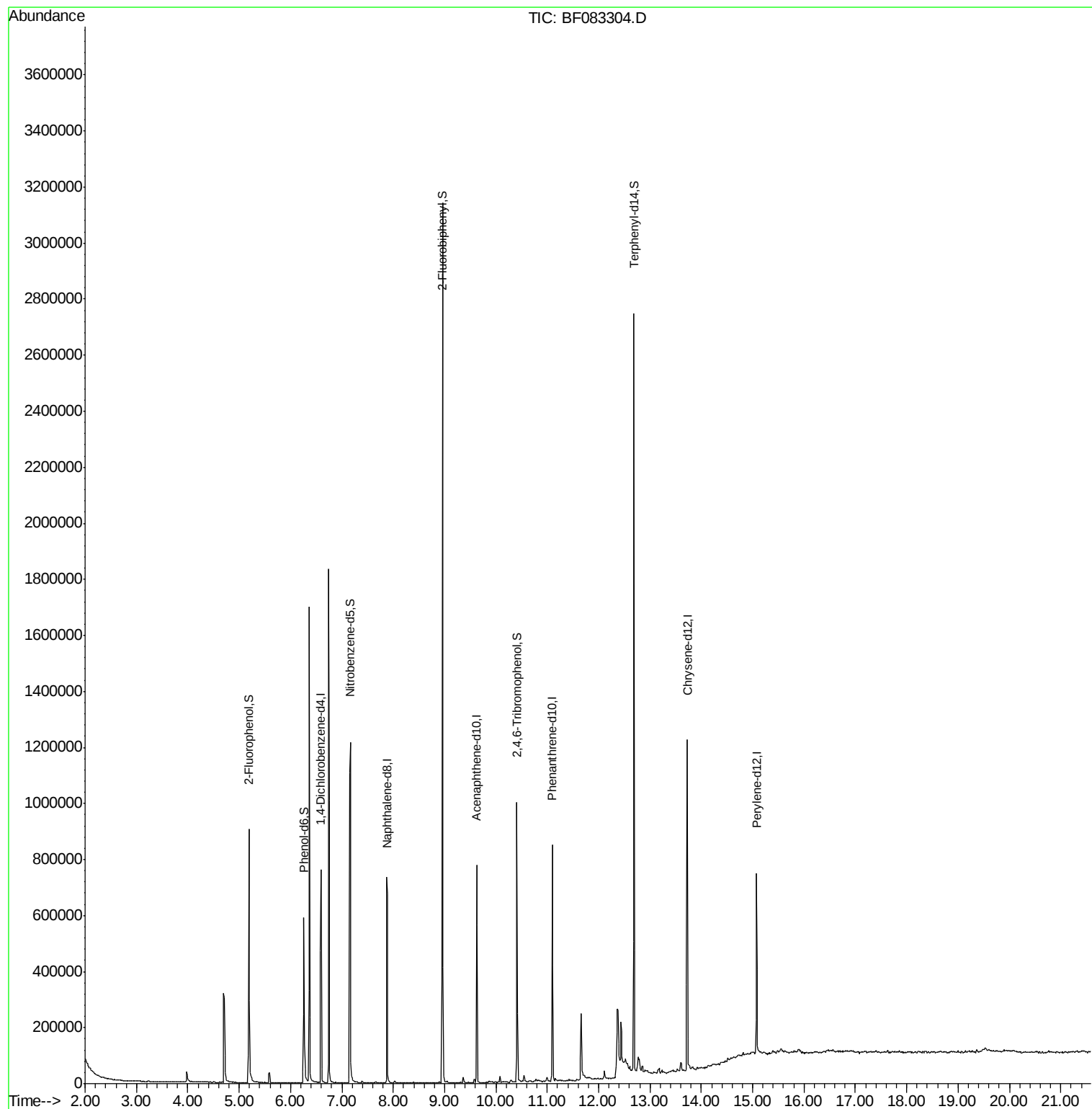
Target Compounds Qvalue

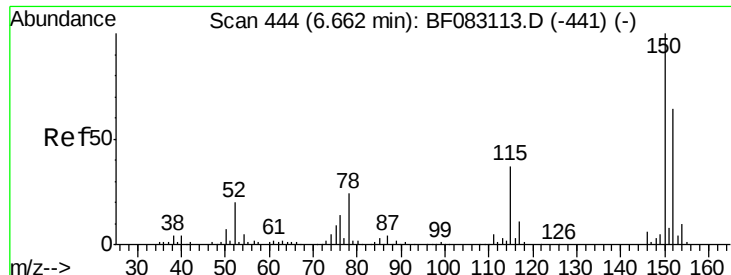
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Nov 22 09:22:46 2015
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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: BF083304.D

Acq: 26 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

112315-A263-F-D-B

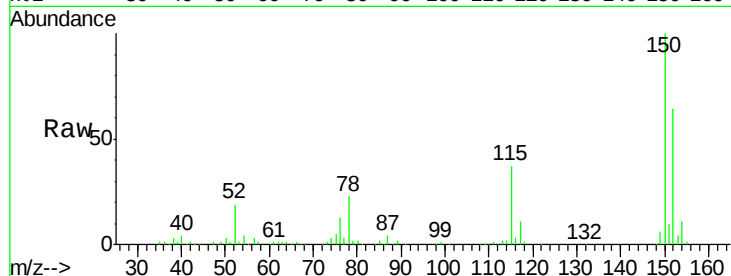
Tot Ion:152 Resp: 139516

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.8

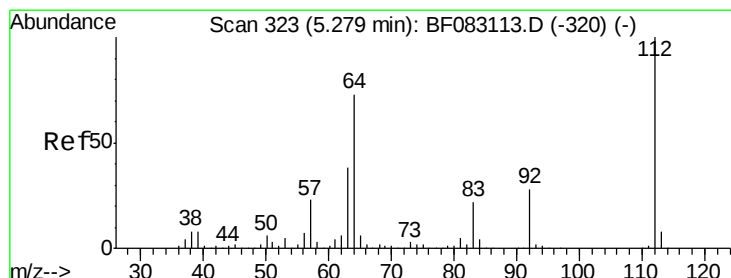
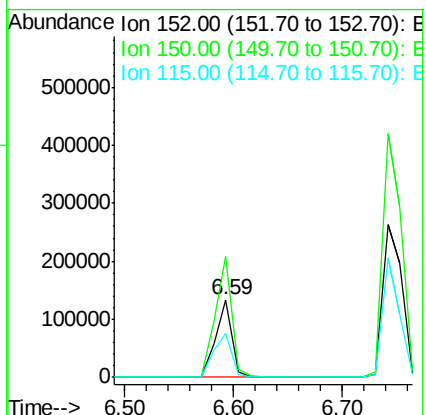
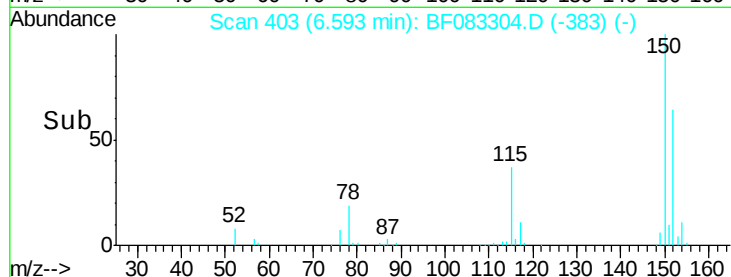
115 57.5 46.9 70.3



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: 30.76 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083304.D

Acq: 26 Nov 2015 7:40

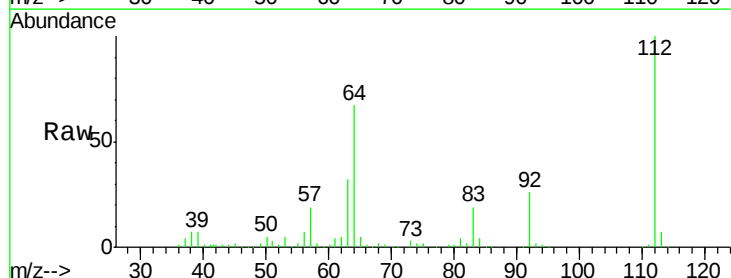
Tgt Ion:112 Resp: 283842

Ion Ratio Lower Upper

112 100

64 66.6 58.4 87.6

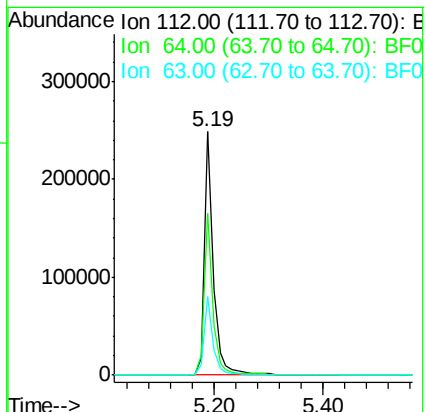
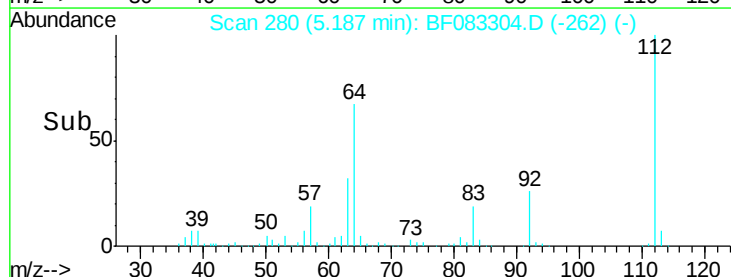
63 32.3 30.0 45.0

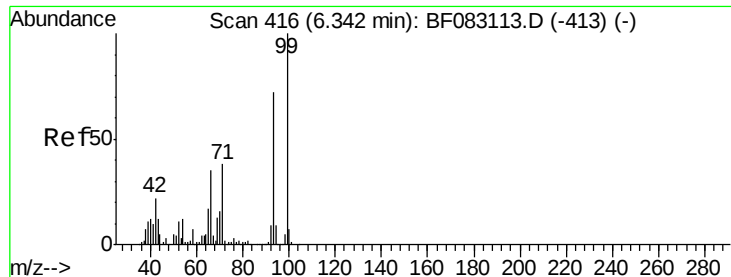


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.49 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083304.D

Acq: 26 Nov 2015 7:40

Instrument :

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ClientSampleId :

112315-A263-F-D-B

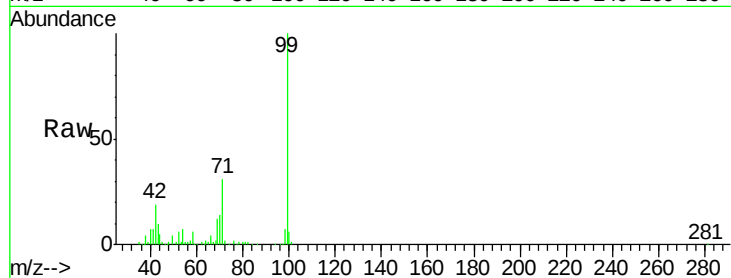
Tot Ion: 99 Resp: 256549

Ion Ratio Lower Upper

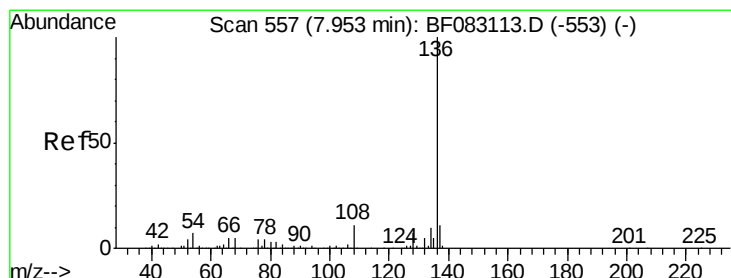
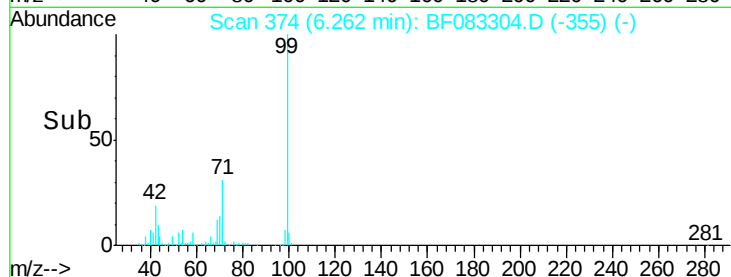
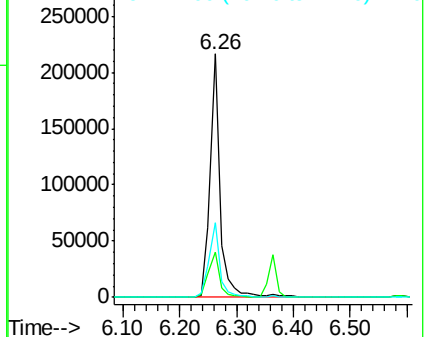
99 100

42 18.5 17.7 26.5

71 30.7 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 516

Delta R.T. -0.07 min

Lab File: BF083304.D

Acq: 26 Nov 2015 7:40

Tgt Ion: 136 Resp: 478266

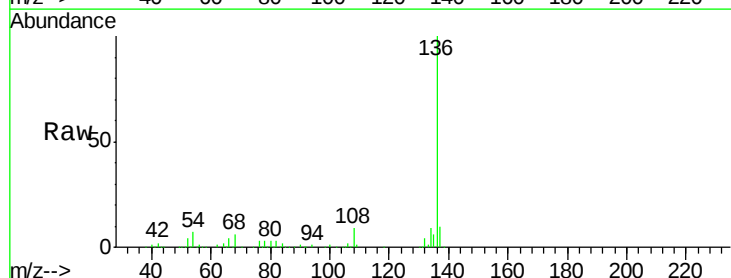
Ion Ratio Lower Upper

136 100

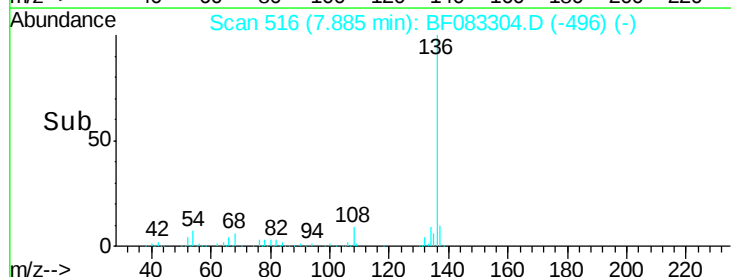
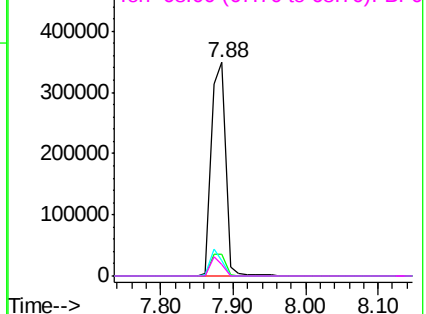
137 10.2 8.7 13.1

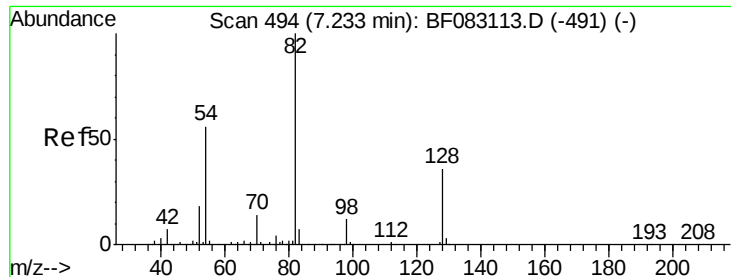
54 7.0 5.8 8.6

68 5.6 3.8 5.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

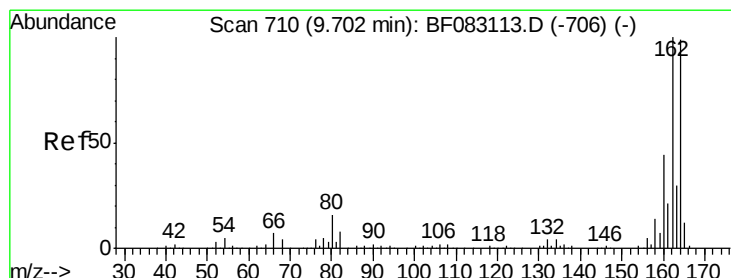
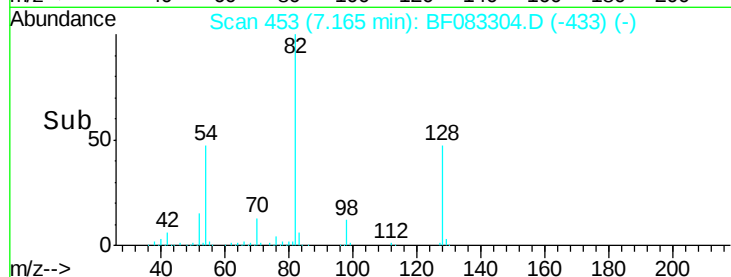
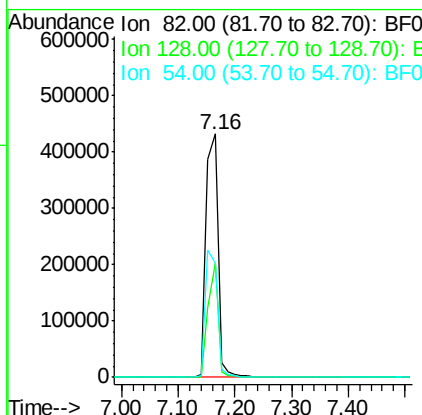
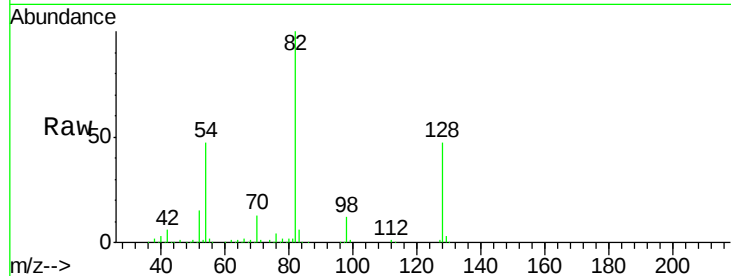




#23
 Nitrobenzene-d5
 Concen: 57.85 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083304.D
 Acq: 26 Nov 2015 7:40

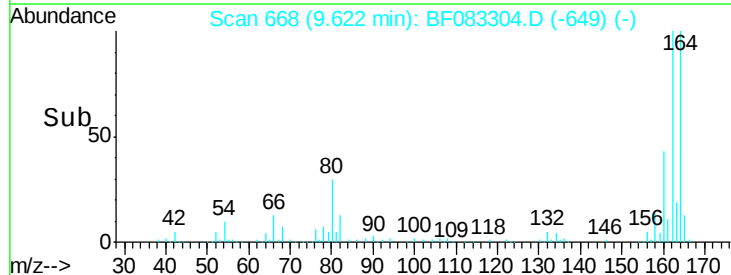
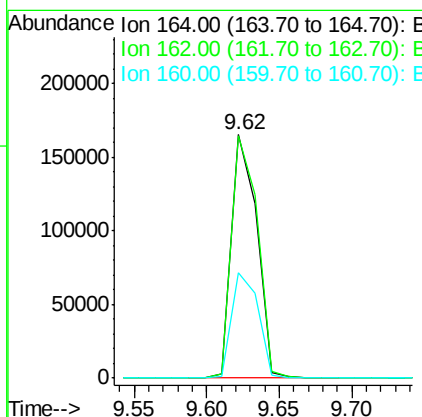
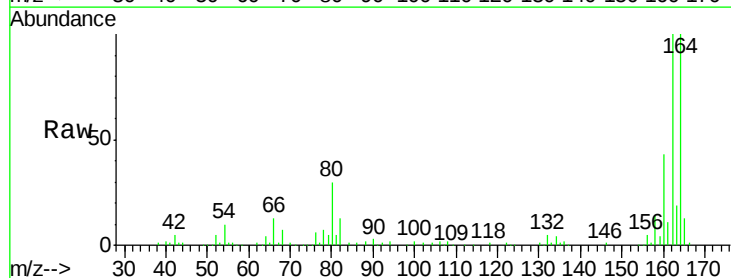
Instrument :
 BNA_F
 ClientSampleId :
 112315-A263-F-D-B

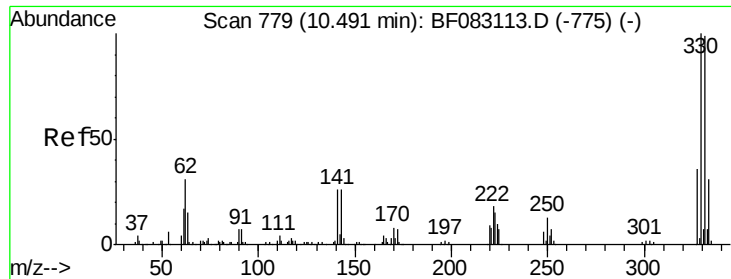
Tot Ion	82	Resp	605460
Ion Ratio	Lower	Upper	
82	100		
128	46.7	28.5	42.7#
54	46.9	44.6	67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083304.D
 Acq: 26 Nov 2015 7:40

Tgt Ion	164	Resp	199919
Ion Ratio	Lower	Upper	
164	100		
162	99.6	81.2	121.8
160	43.4	35.6	53.4

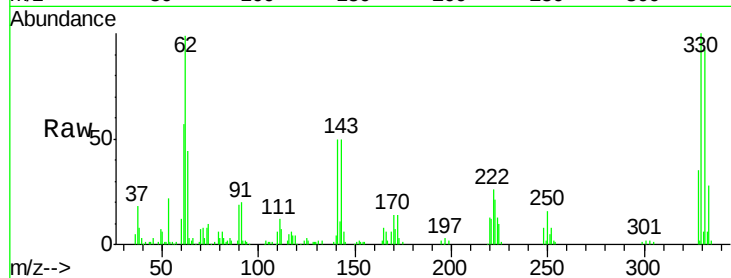




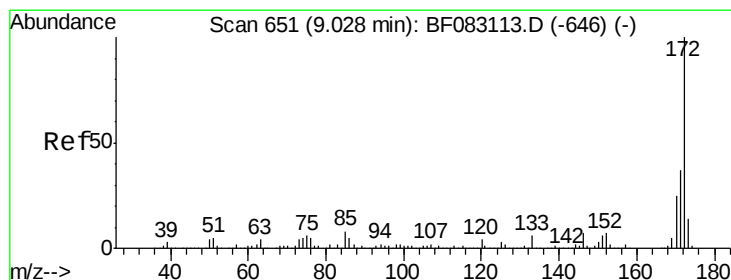
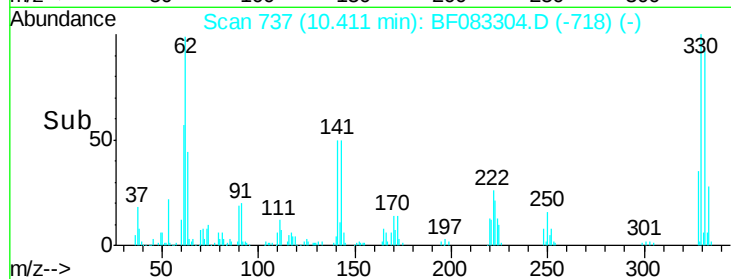
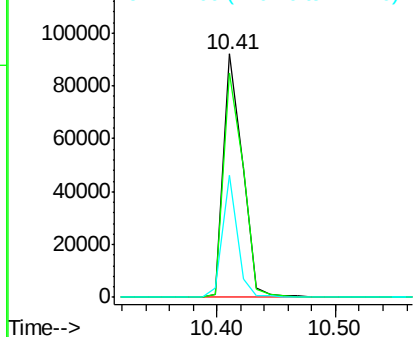
#41
 2,4,6-Tribromophenol
 Concen: 49.61 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083304.D
 Acq: 26 Nov 2015 7:40

Instrument :
 BNA_F
 ClientSampleId :
 112315-A263-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.7	116.5
141	39.1	29.7	44.5

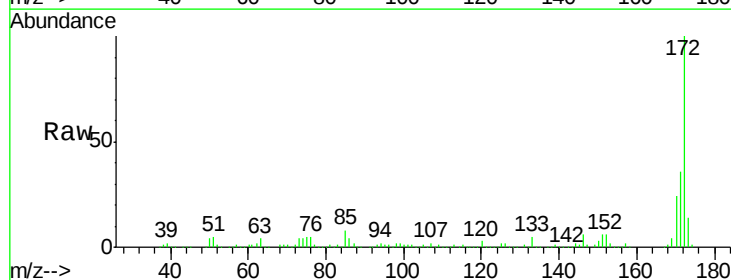


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

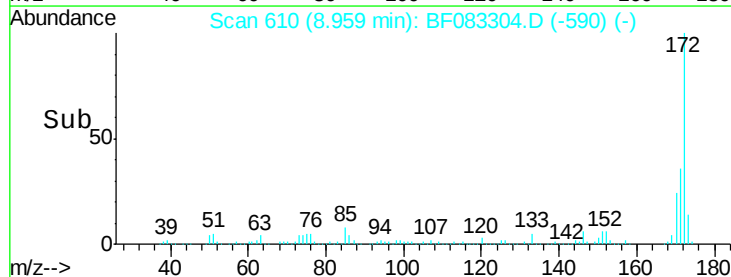
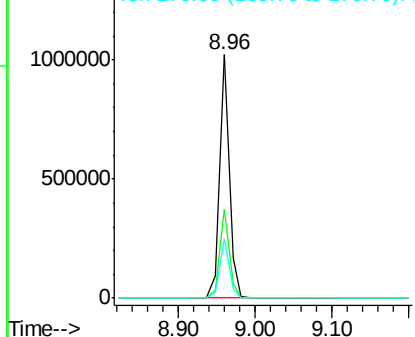


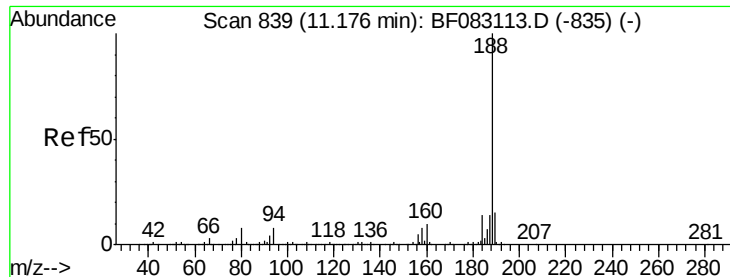
#44
 2-Fluorobiphenyl
 Concen: 62.70 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083304.D
 Acq: 26 Nov 2015 7:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.5	44.3
170	24.4	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

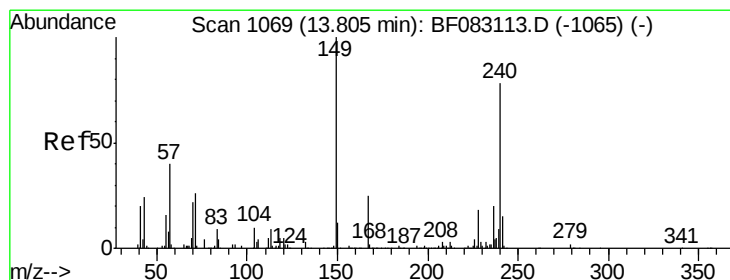
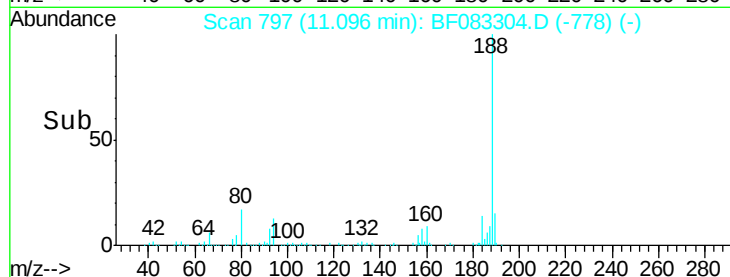
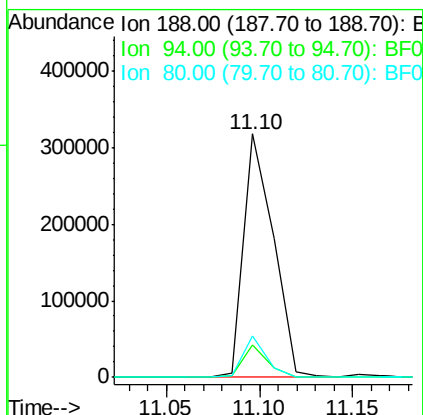
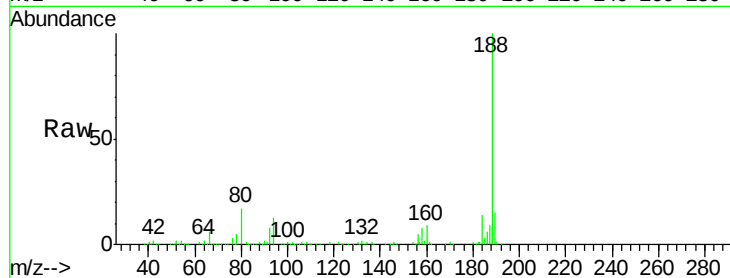




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083304.D
Acq: 26 Nov 2015 7:40

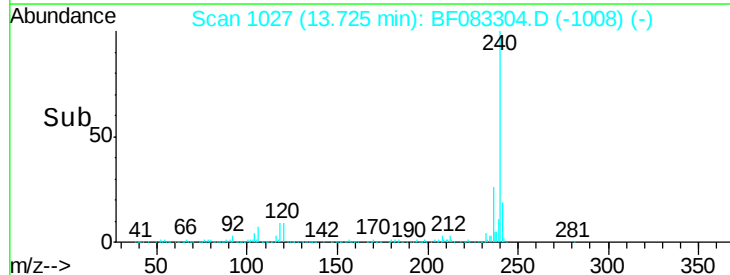
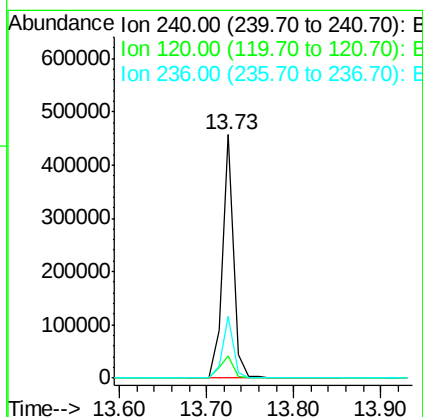
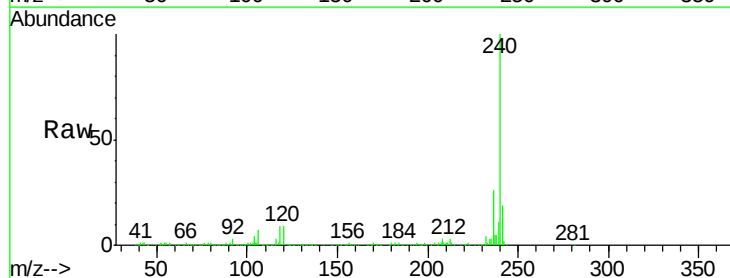
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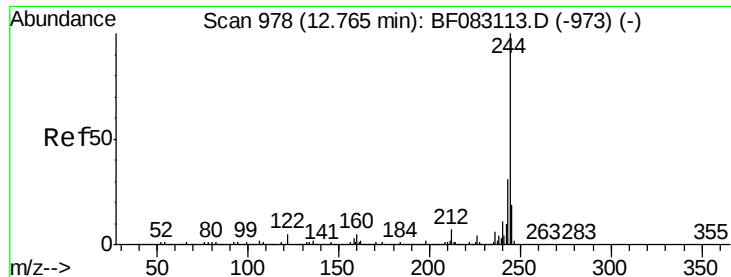
Tot Ion:188 Resp: 352635
Ion Ratio Lower Upper
188 100
94 13.4 6.0 9.0#
80 17.0 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083304.D
Acq: 26 Nov 2015 7:40

Tgt Ion:240 Resp: 412200
Ion Ratio Lower Upper
240 100
120 9.3 5.4 8.2#
236 25.5 20.6 31.0

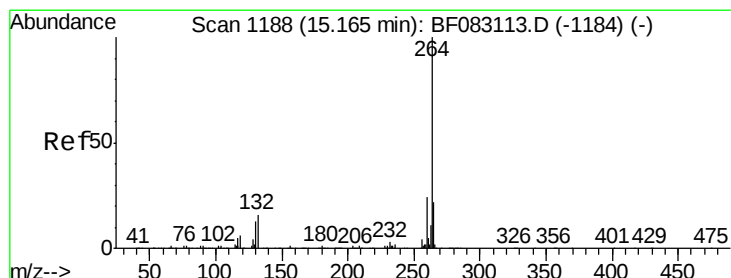
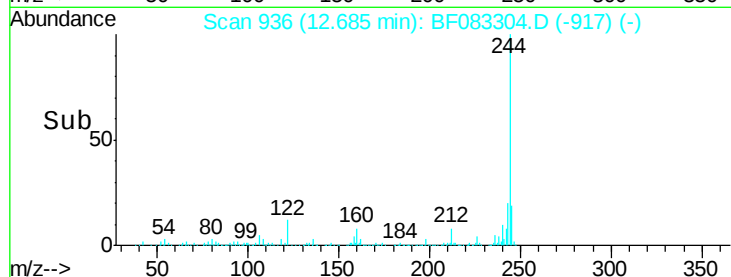
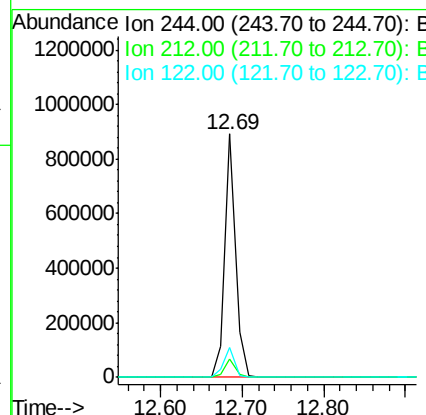
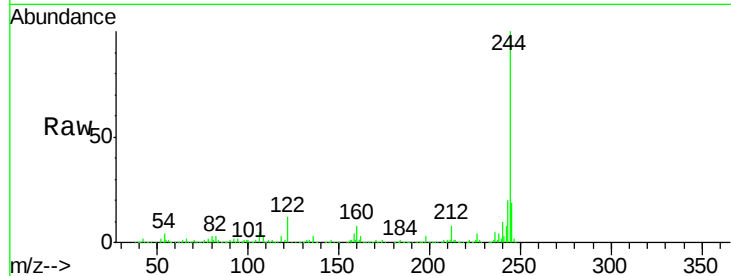




#78
 Terphenyl-d14
 Concen: 46.45 ng
 RT: 12.69 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083304.D
 Acq: 26 Nov 2015 7:40

Instrument :
 BNA_F
 ClientSampleId :
 112315-A263-F-D-B

Tot Ion:244 Resp: 813048
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 12.4 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: BF083304.D
 Acq: 26 Nov 2015 7:40

Tgt Ion:264 Resp: 282551
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.5 18.2 27.4

