

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083125.D
 Acq On : 21 Nov 2015 22:00
 Operator : UM/IZ
 Sample : PB86810BL
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86810BL

Quant Time: Nov 22 01:53:48 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 01:05:26 2015
 Response via : Initial Calibration

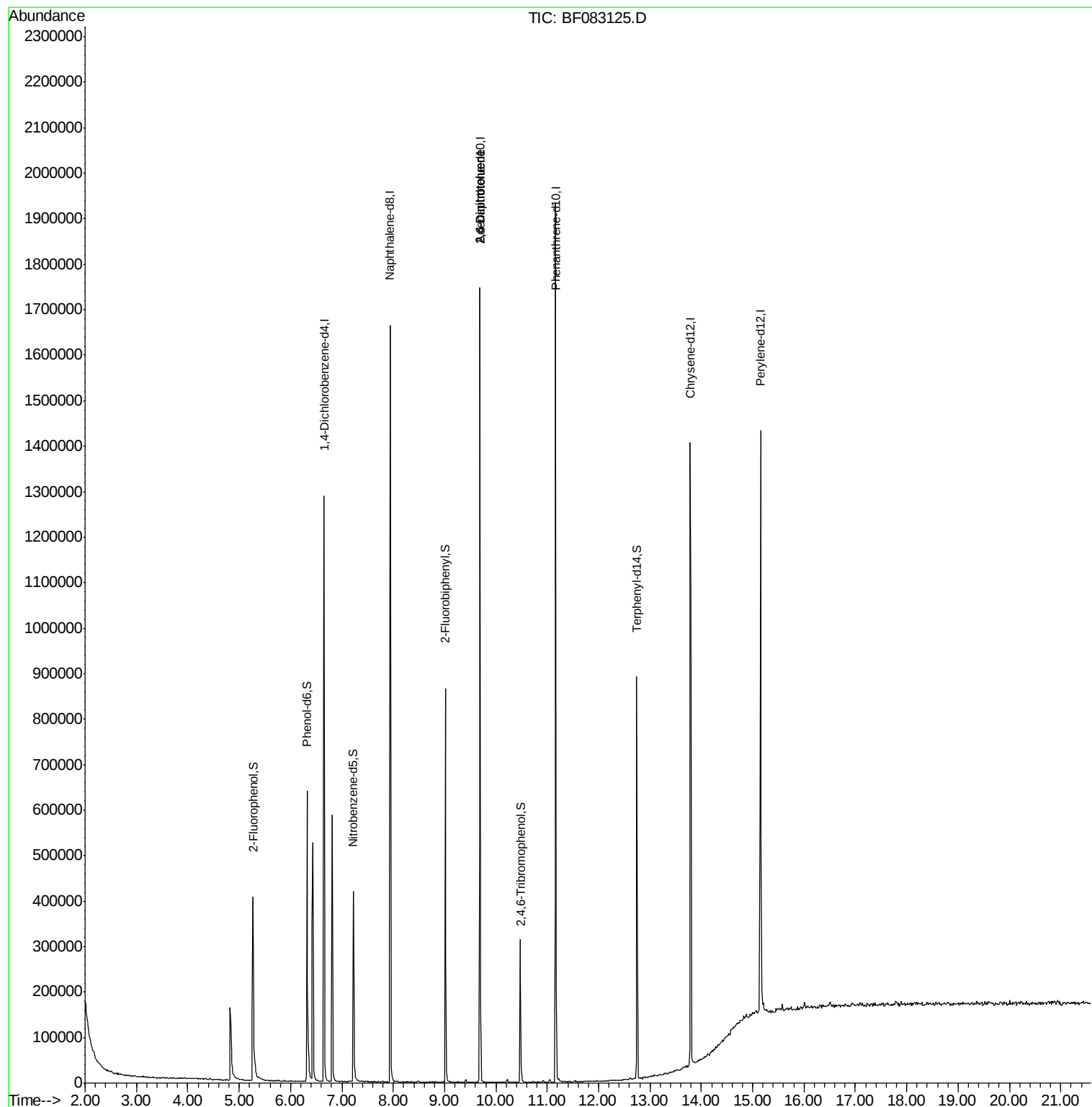
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	192438	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	730954	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	372626	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	727670	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	670838	20.00	ng	-0.02
86) Perylene-d12	15.15	264	582168	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	187646	7.37	ng	-0.01
7) Phenol-d6	6.32	99	280380	8.51	ng	-0.02
23) Nitrobenzene-d5	7.22	82	160955	5.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	47031	6.17	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	296446	5.55	ng	-0.01
78) Terphenyl-d14	12.74	244	299564	5.26	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.32	77	238	Below Cal	#	4
50) 2,6-Dinitrotoluene	9.69	165	48473	7.53 ng	#	13
56) 2,4-Dinitrotoluene	9.69	165	48464	5.94 ng	#	10

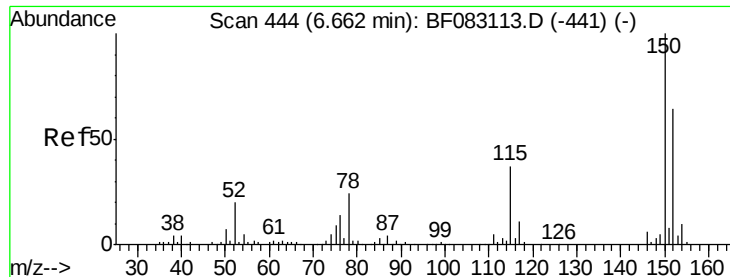
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083125.D

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BNA_F

ClientSampleId :

PB86810BL

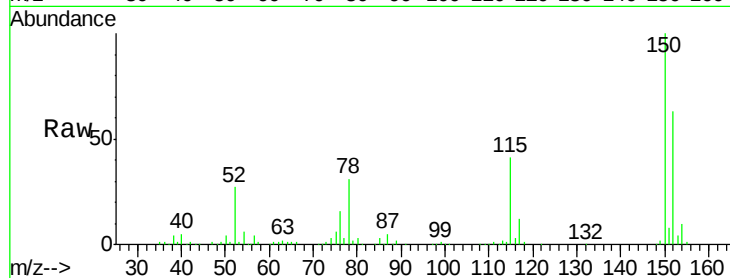
Tgt Ion:152 Resp: 192438

Ion Ratio Lower Upper

152 100

150 159.5 125.8 188.8

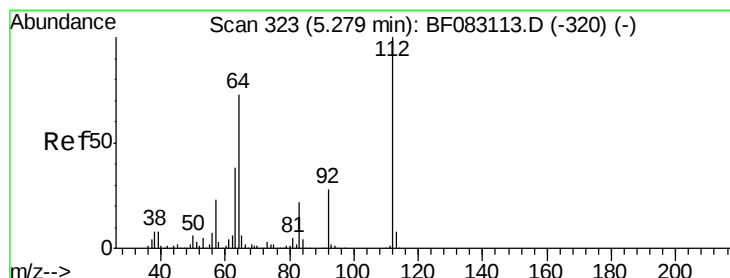
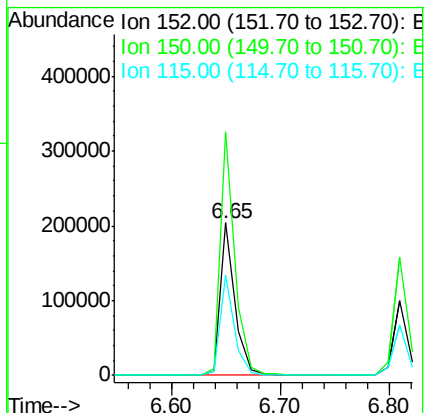
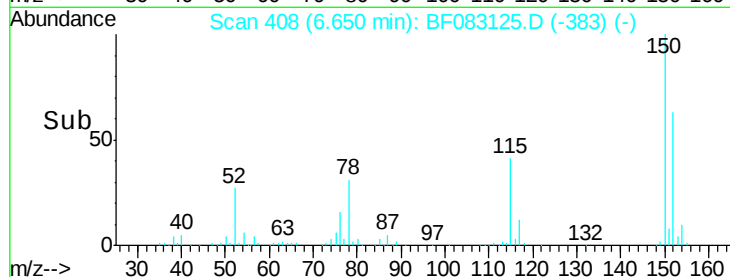
115 65.8 46.9 70.3



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: 7.37 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083125.D

Acq: 21 Nov 2015 22:00

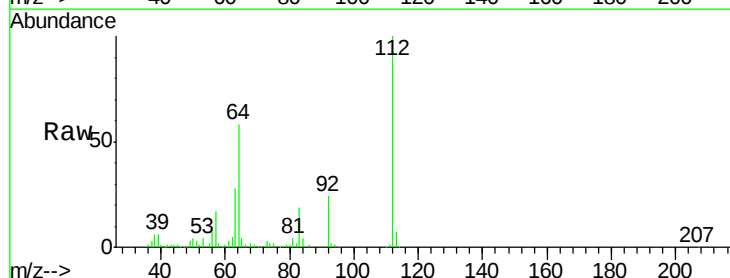
Tgt Ion:112 Resp: 187646

Ion Ratio Lower Upper

112 100

64 57.9 58.4 87.6#

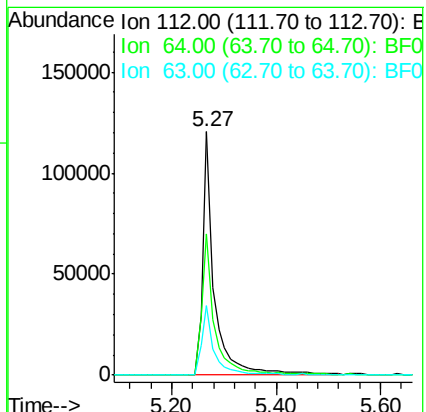
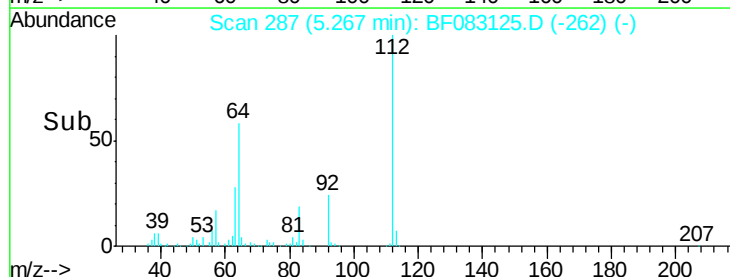
63 28.5 30.0 45.0#

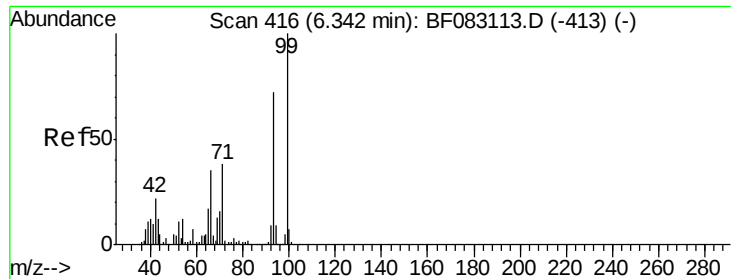


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 8.51 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083125.D

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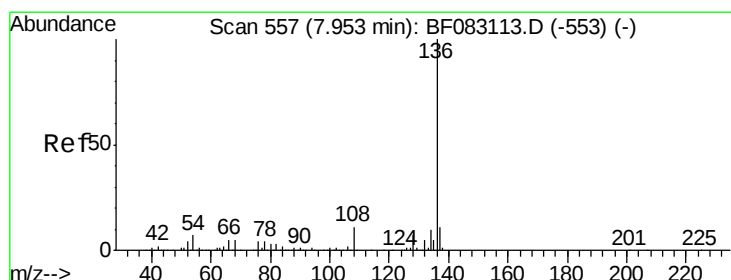
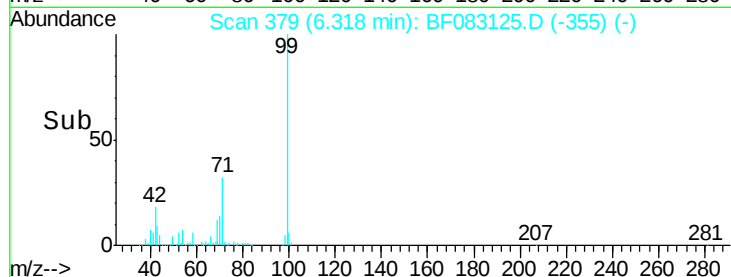
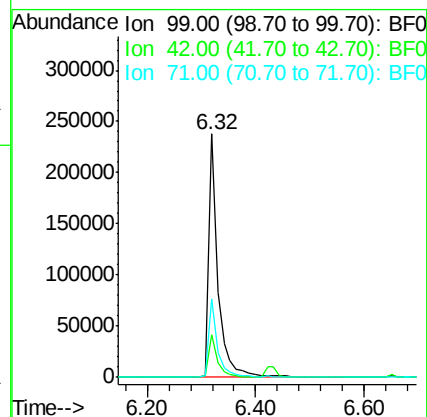
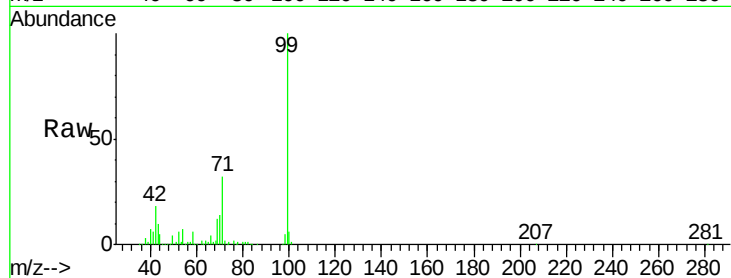
Tgt Ion: 99 Resp: 280380

Ion Ratio Lower Upper

99 100

42 17.6 17.7 26.5#

71 32.2 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: BF083125.D

Acq: 21 Nov 2015 22:00

Tgt Ion: 136 Resp: 730954

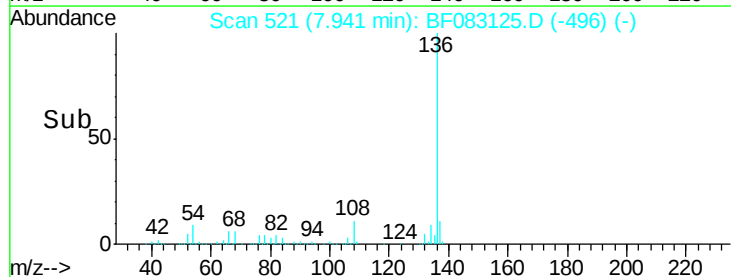
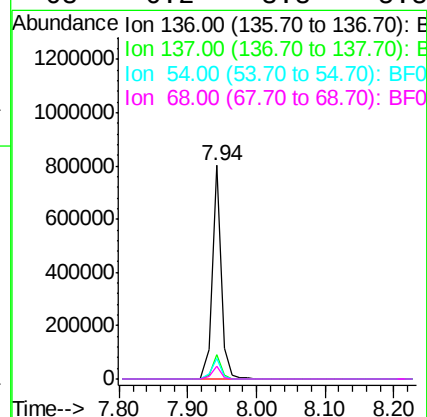
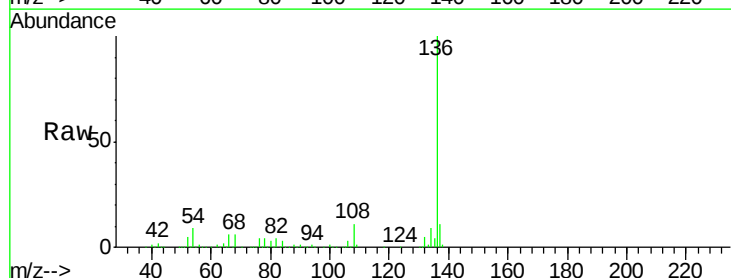
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.3 5.8 8.6#

68 6.2 3.8 5.8#

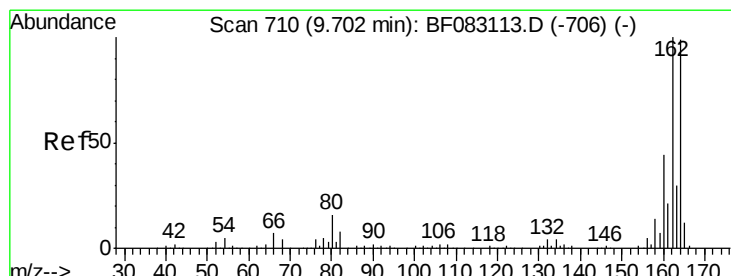
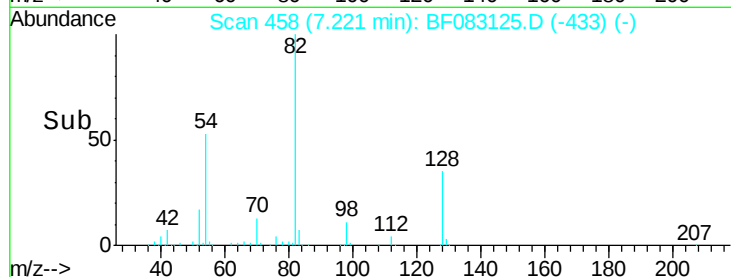
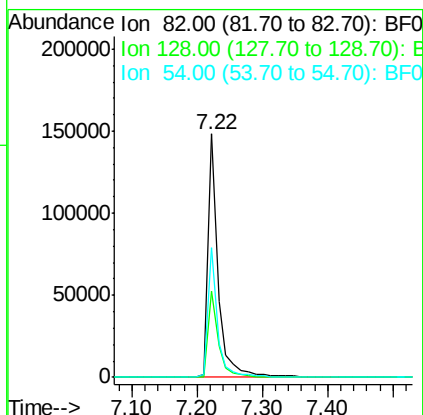
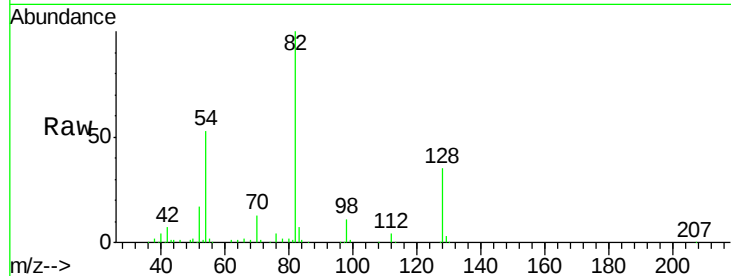




#23
 Nitrobenzene-d5
 Concen: 5.03 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083125.D
 Acq: 21 Nov 2015 22:00

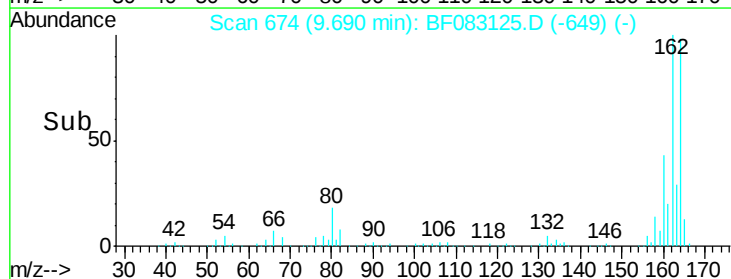
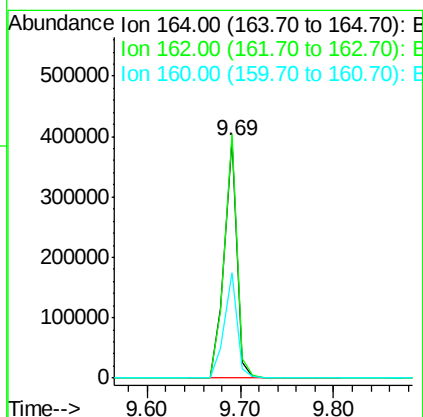
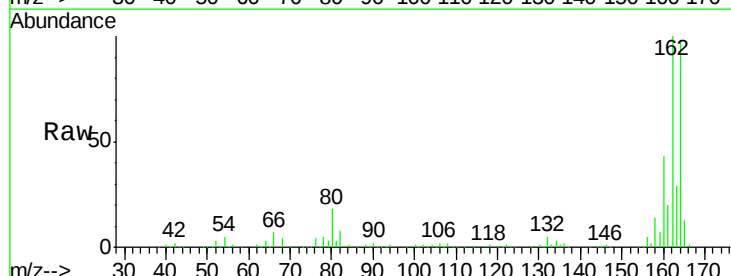
Instrument :
 BNA_F
 ClientSampleId :
 PB86810BL

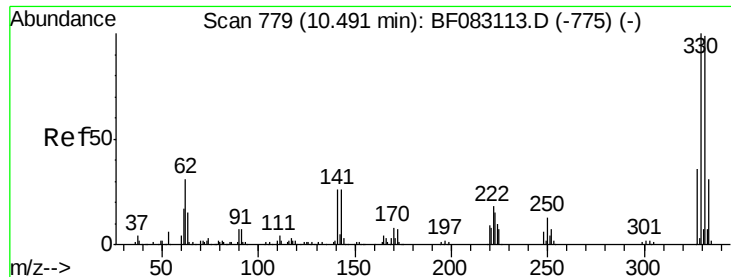
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.4	28.5	42.7
54	53.3	44.6	67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083125.D
 Acq: 21 Nov 2015 22:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.2	121.8
160	44.5	35.6	53.4

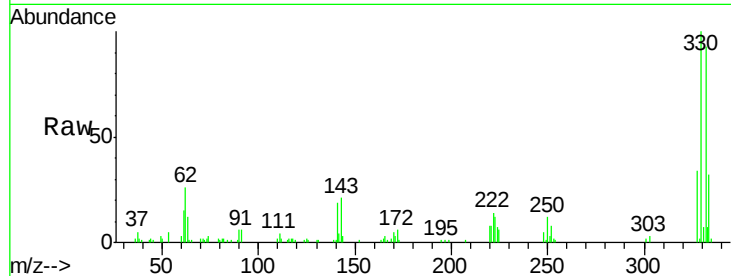




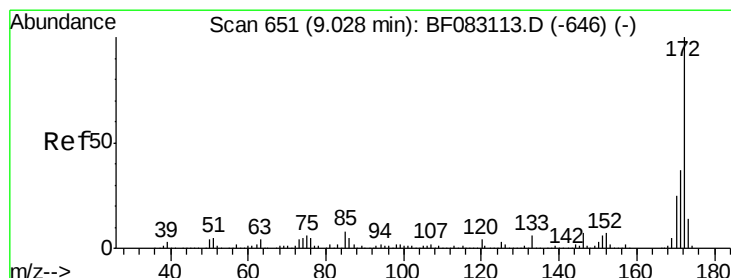
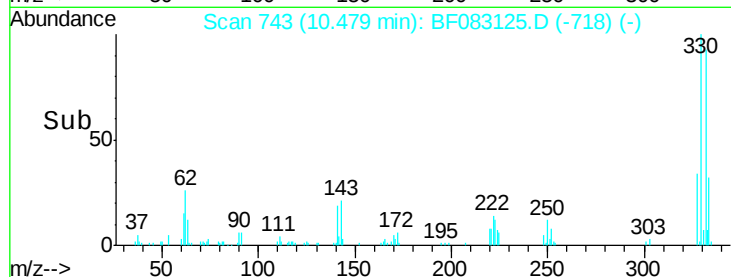
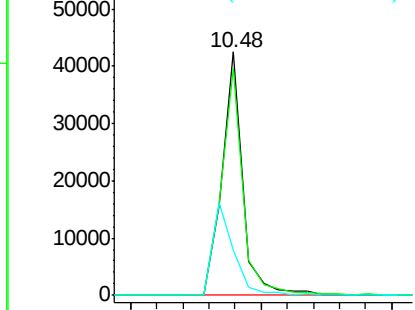
#41
 2,4,6-Tribromophenol
 Concen: 6.17 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083125.D
 Acq: 21 Nov 2015 22:00

Instrument :
 BNA_F
 ClientSampled :
 PB86810BL

Tgt Ion:330 Resp: 47031
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.7 116.5
 141 38.9 29.7 44.5

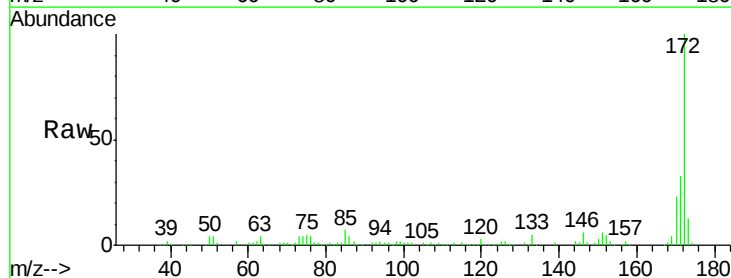


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

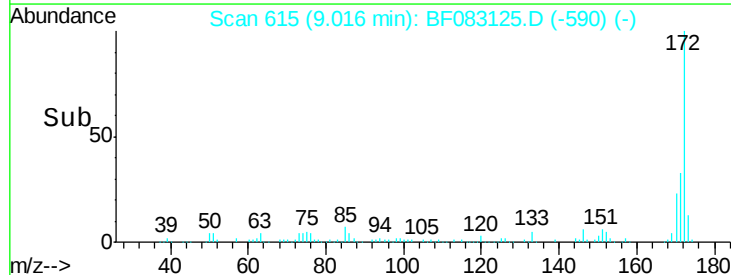
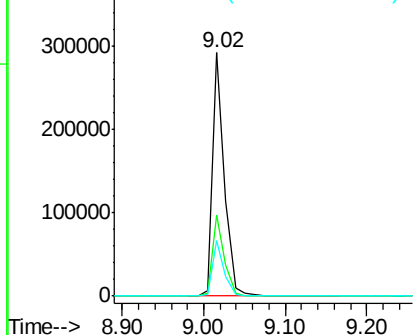


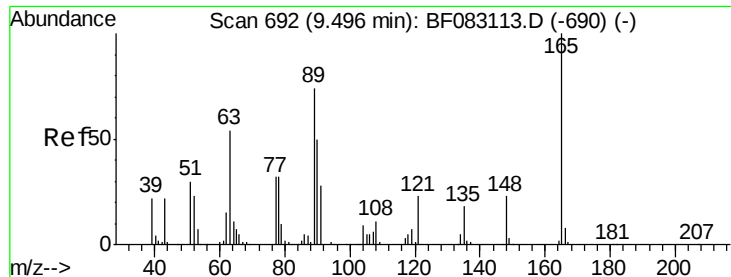
#44
 2-Fluorobiphenyl
 Concen: 5.55 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083125.D
 Acq: 21 Nov 2015 22:00

Tgt Ion:172 Resp: 296446
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.5 44.3
 170 22.5 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

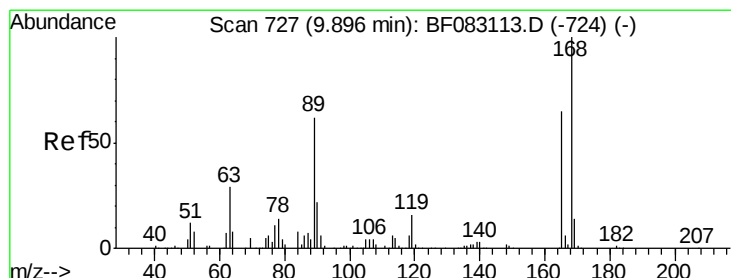
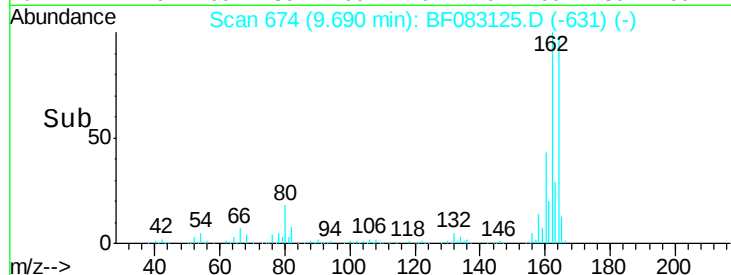
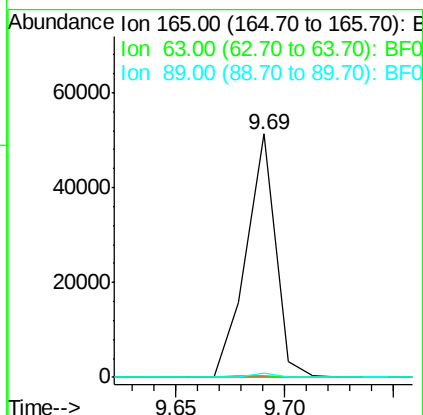
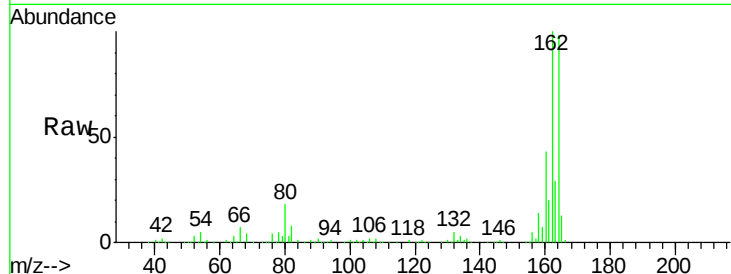




#50
 2,6-Dinitrotoluene
 Concen: 7.53 ng
 RT: 9.69 min Scan# 674
 Delta R.T. 0.19 min
 Lab File: BF083125.D
 Acq: 21 Nov 2015 22:00

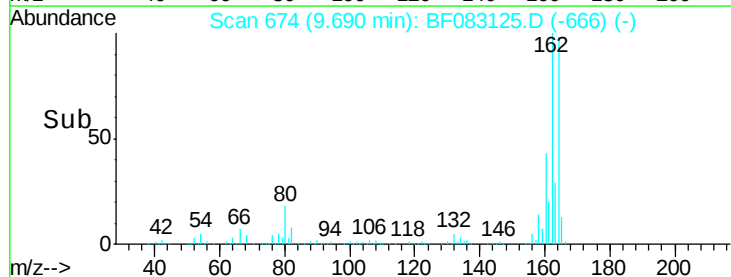
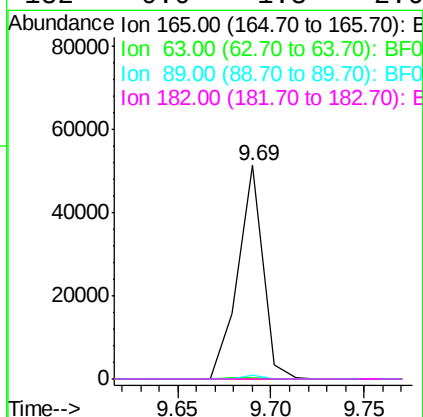
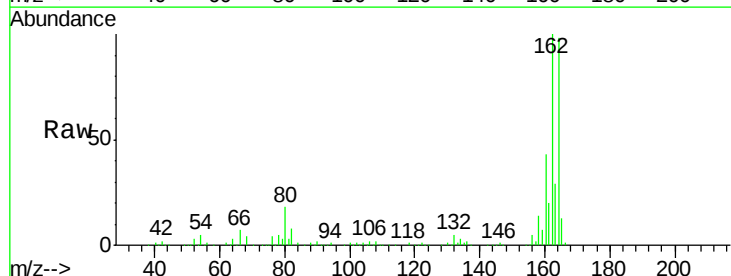
Instrument :
 BNA_F
 ClientSampleId :
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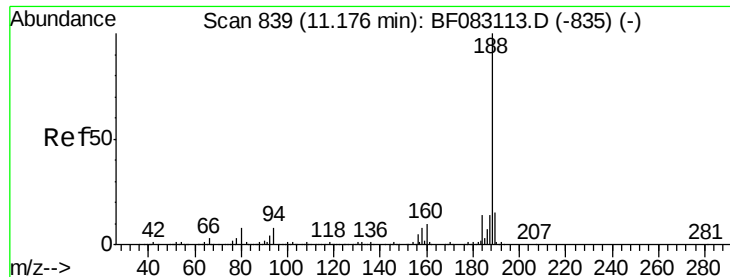
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	62.5	93.7#
89	1.8	59.1	88.7#



#56
 2,4-Dinitrotoluene
 Concen: 5.94 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.21 min
 Lab File: BF083125.D
 Acq: 21 Nov 2015 22:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	54.5	81.7#
89	1.8	77.3	115.9#
182	0.0	1.8	2.6#

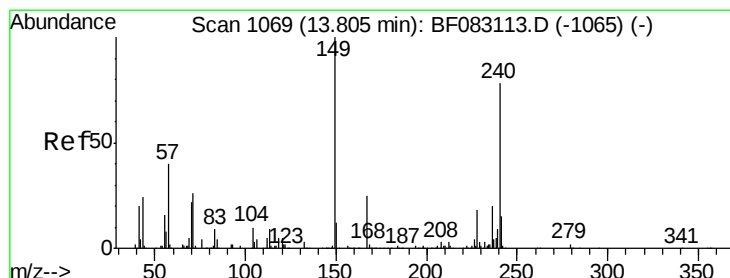
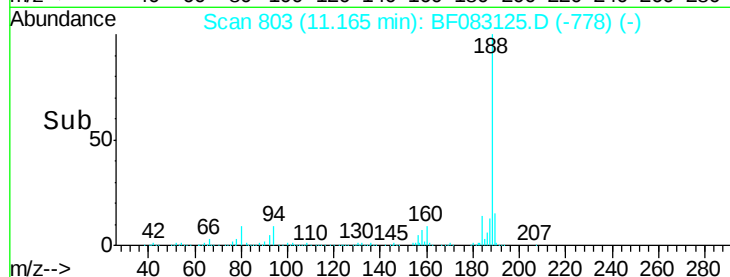
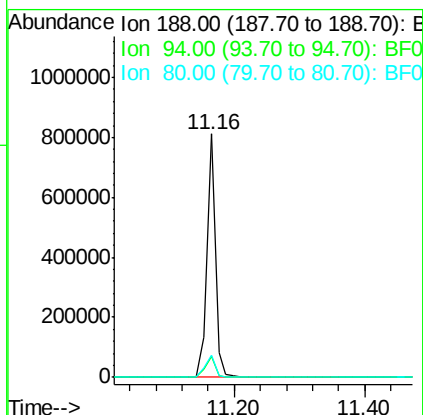
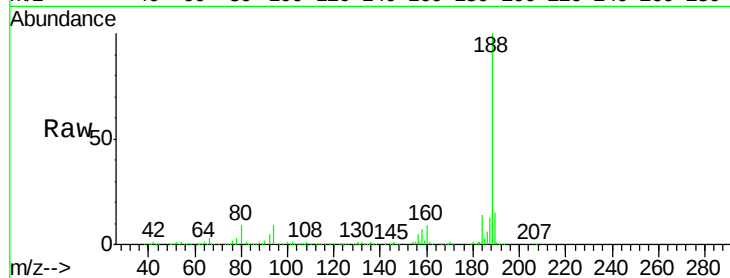




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083125.D
Acq: 21 Nov 2015 22:00

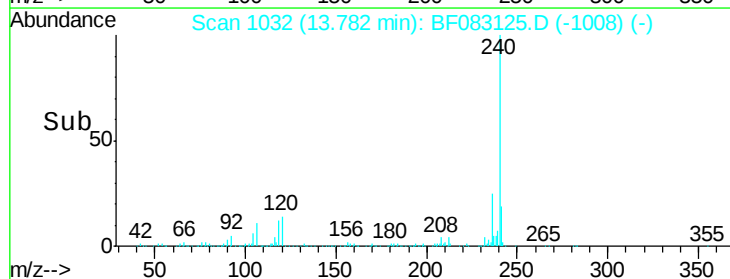
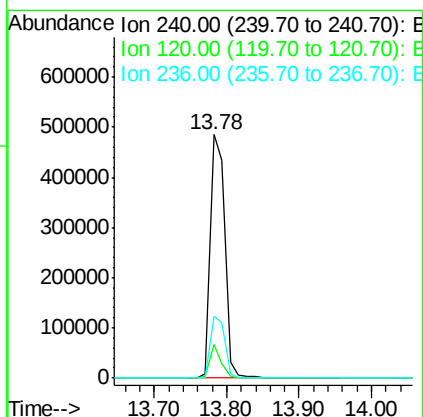
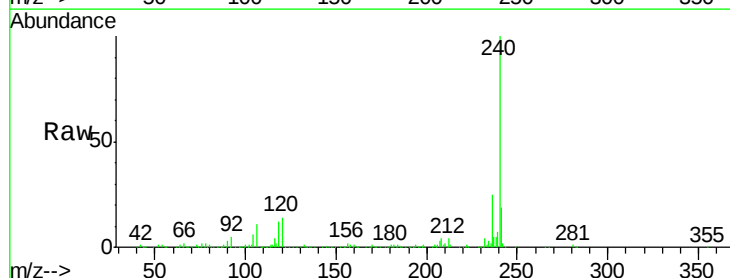
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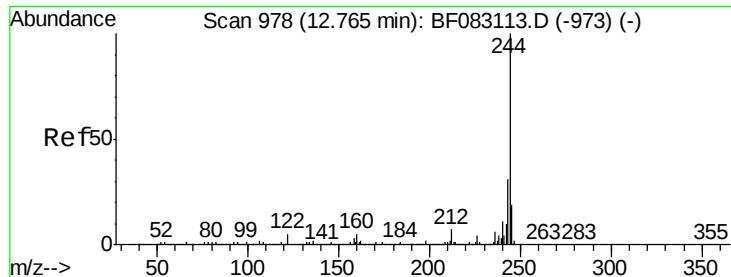
Tgt Ion:188 Resp: 727670
Ion Ratio Lower Upper
188 100
94 8.6 6.0 9.0
80 9.3 6.7 10.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083125.D
Acq: 21 Nov 2015 22:00

Tgt Ion:240 Resp: 670838
Ion Ratio Lower Upper
240 100
120 13.9 5.4 8.2#
236 25.4 20.6 31.0

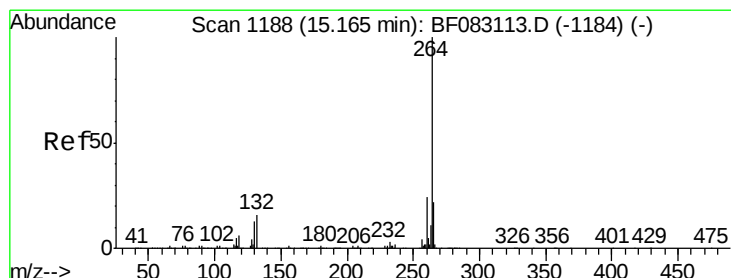
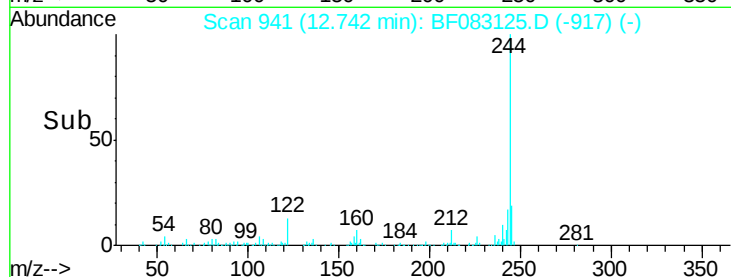
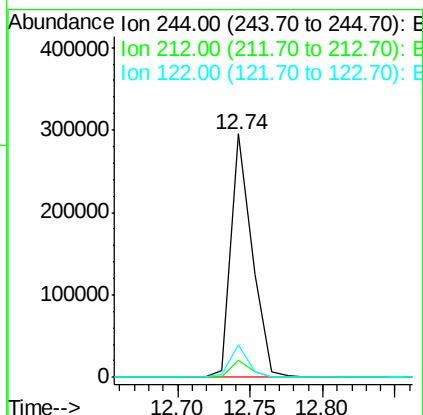
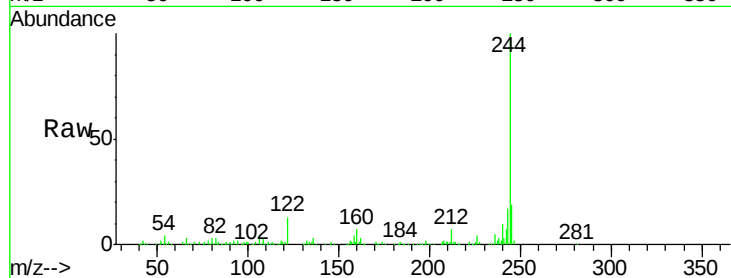




#78
 Terphenyl-d14
 Concen: 5.26 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083125.D
 Acq: 21 Nov 2015 22:00

Instrument :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	13.4	4.3	6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF083125.D
 Acq: 21 Nov 2015 22:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.7	18.2	27.4

