

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084032.D
 Acq On : 23 Dec 2015 11:43
 Operator : UM/SJ
 Sample : G4930-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-7

Quant Time: Dec 23 13:34:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

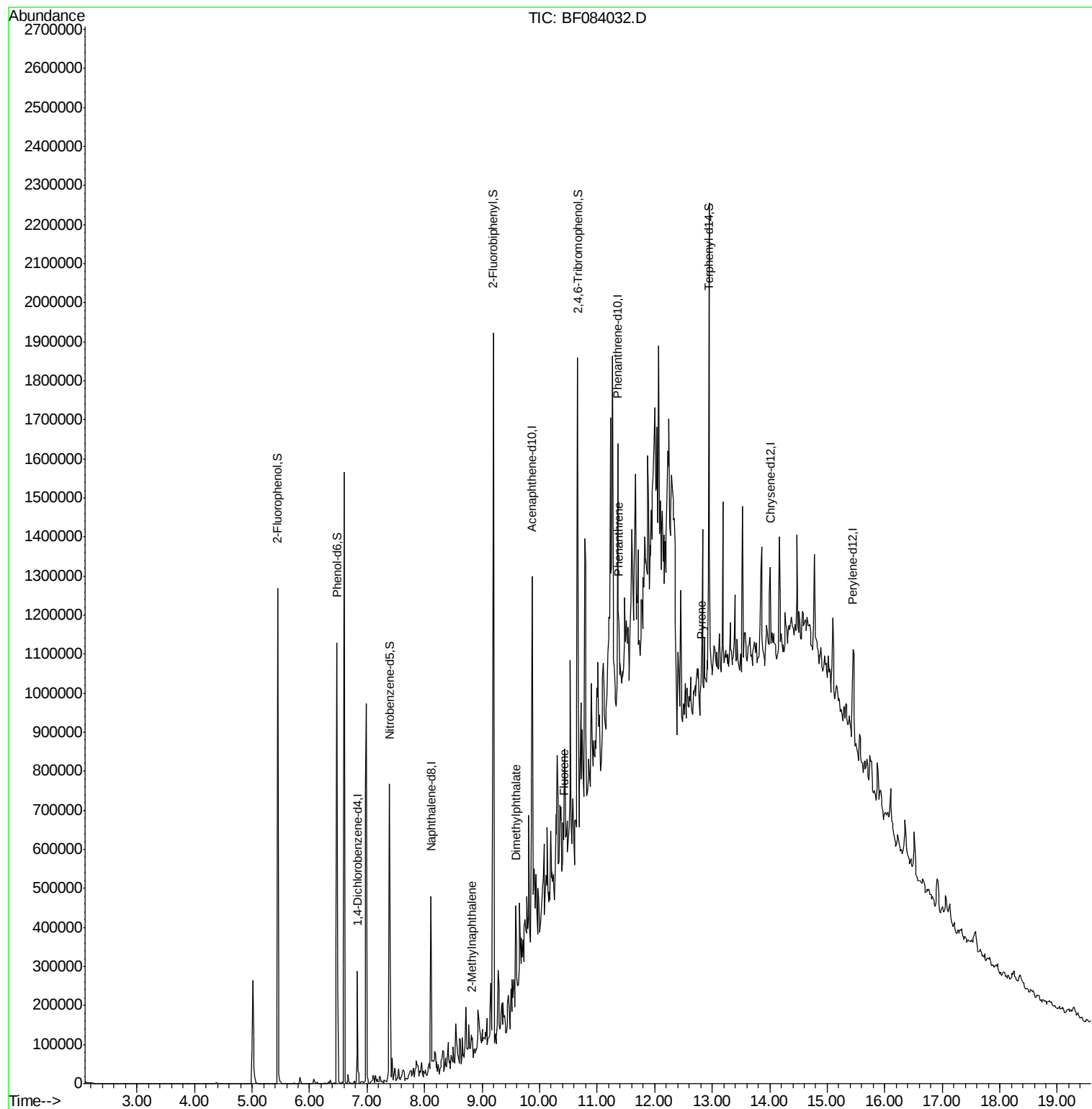
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	45280	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	177848	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	158276	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	240404	20.00	ng	0.00
75) Chrysene-d12	14.01	240	90024	20.00	ng	0.01
86) Perylene-d12	15.45	264	88918	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	357162	134.49	ng	0.01
7) Phenol-d6	6.48	99	438149	140.32	ng	0.00
23) Nitrobenzene-d5	7.39	82	278373	96.16	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	184022	120.88	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	607759	51.68	ng	0.00
78) Terphenyl-d14	12.94	244	376502	99.74	ng	0.01
Target Compounds						
37) 2-Methylnaphthalene	8.83	142	14427	2.45	ng	Qvalue 97
49) Dimethylphthalate	9.58	163	90465	7.30	ng	# 91
57) Fluorene	10.42	166	31069	2.76	ng	# 79
70) Phenanthrene	11.38	178	56341	4.15	ng	# 85
77) Pyrene	12.81	202	18719	3.06	ng	# 80

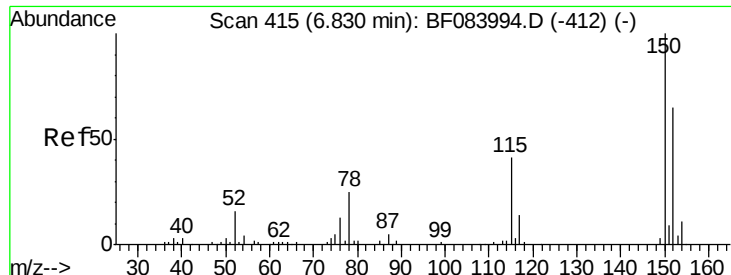
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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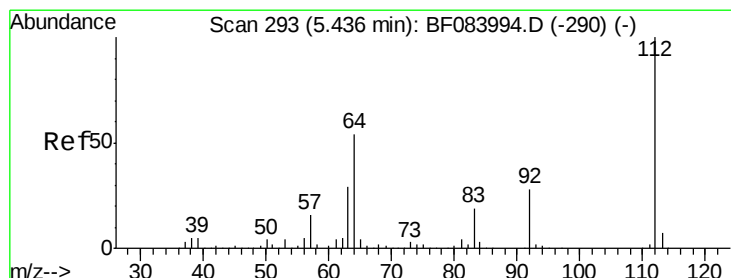
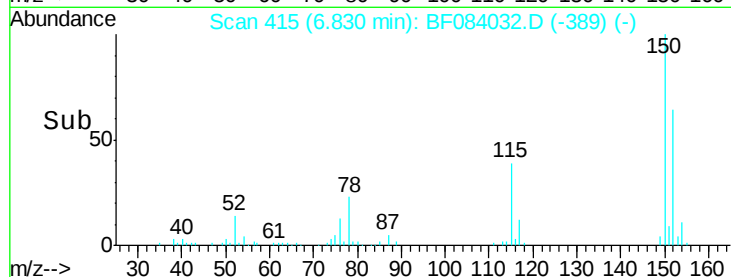
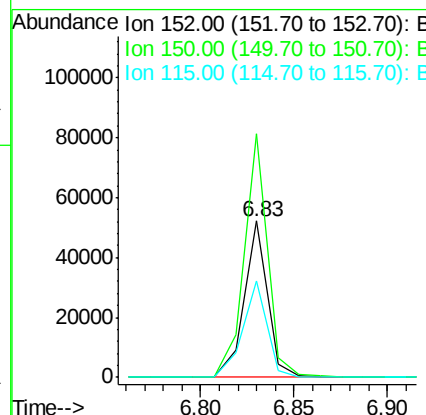
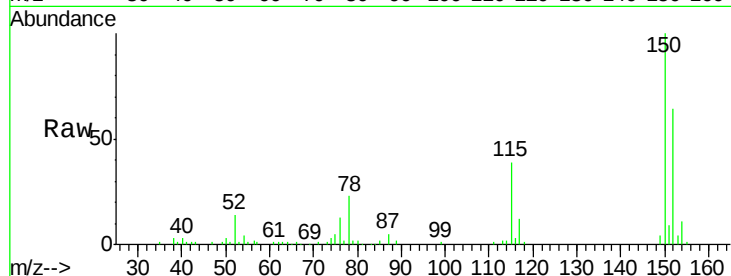


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
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ClientSampleId :
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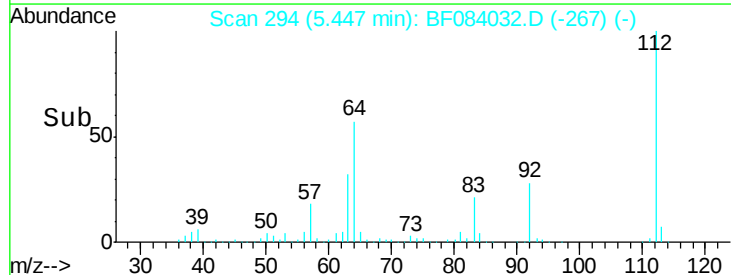
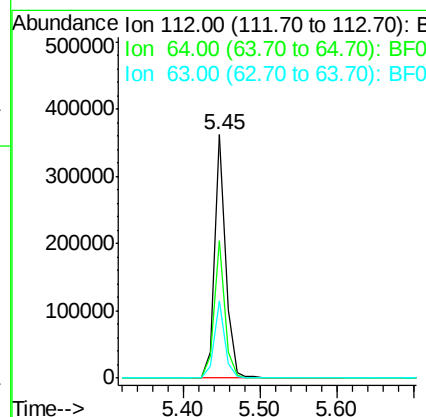
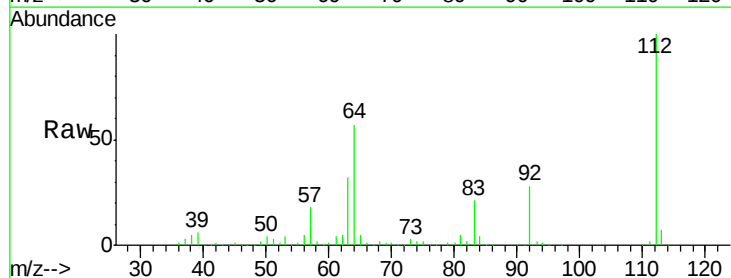
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.4
115	61.6	51.4	77.2

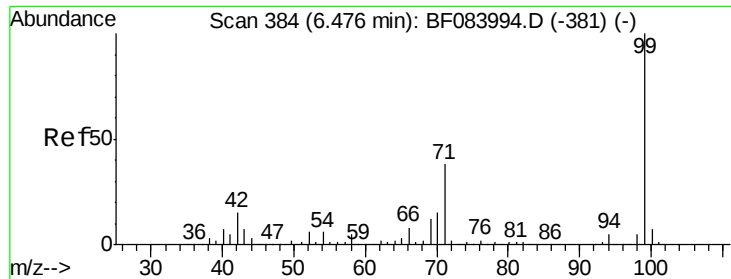


#5

2-Fluorophenol
Concen: 134.49 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	36.6	55.0#
63	31.7	19.4	29.0#





#7

Phenol-d6

Concen: 140.32 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084032.D

Acq: 23 Dec 2015 11:43

Instrument :

BNA_F

ClientSampleId :

S-7

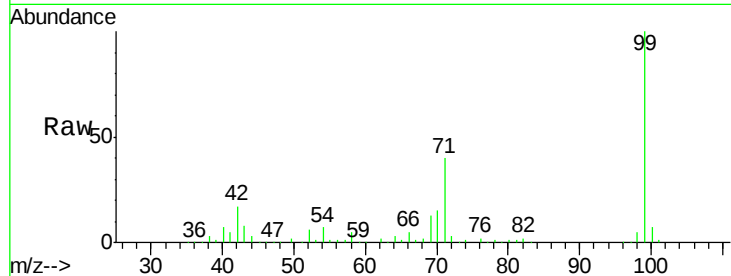
Tot Ion: 99 Resp: 438149

Ion Ratio Lower Upper

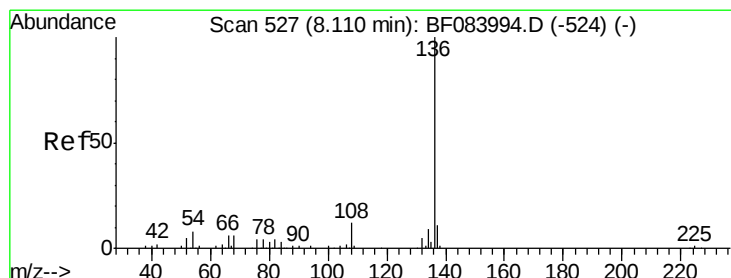
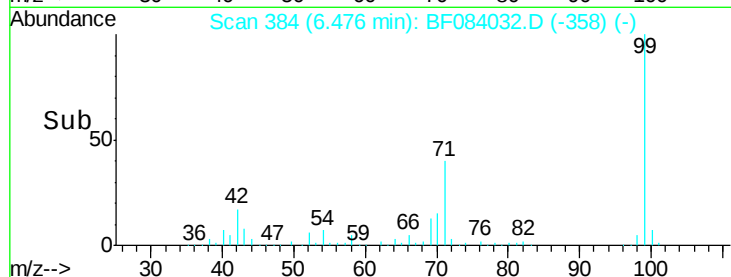
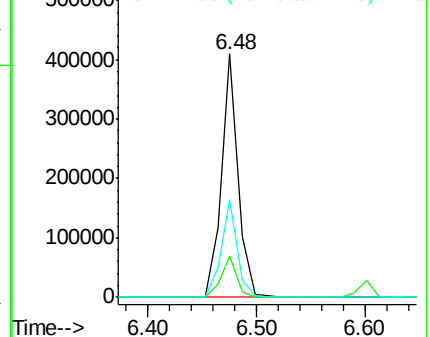
99 100

42 16.9 12.8 19.2

71 40.1 30.9 46.3



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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084032.D

Acq: 23 Dec 2015 11:43

Tgt Ion: 136 Resp: 177848

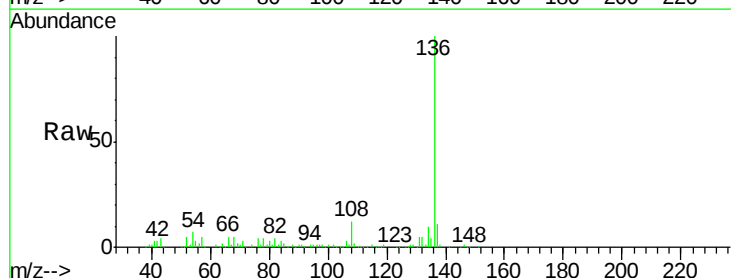
Ion Ratio Lower Upper

136 100

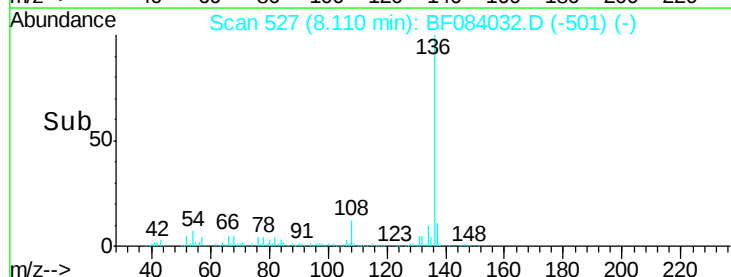
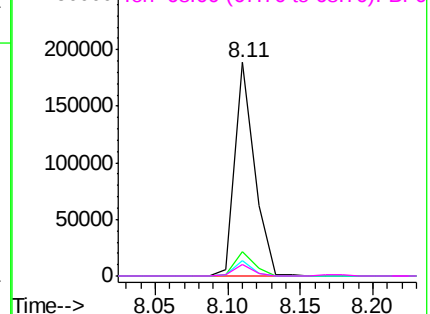
137 11.2 8.7 13.1

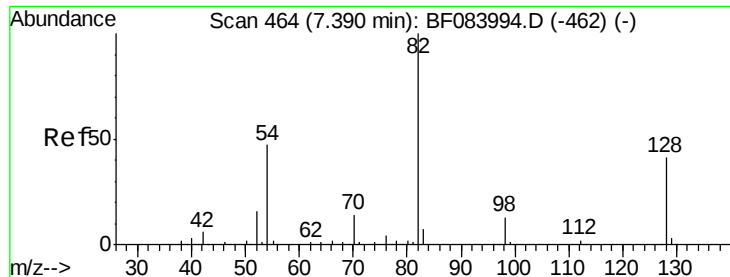
54 7.0 5.8 8.8

68 5.3 4.2 6.2



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

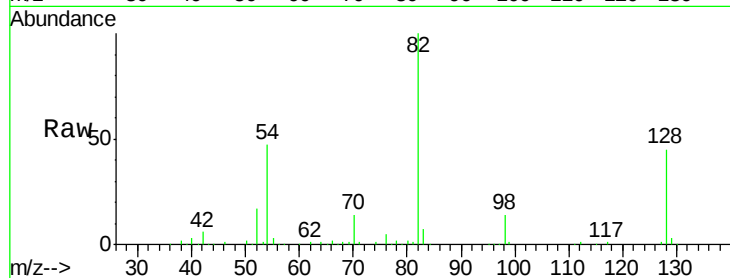




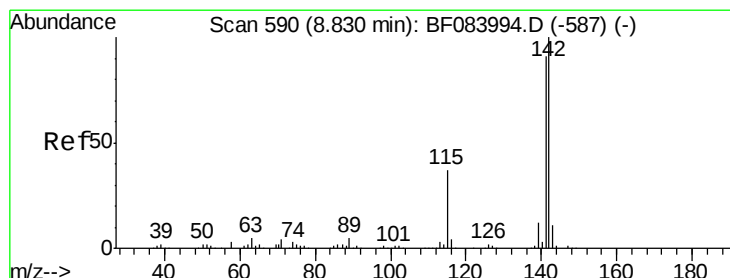
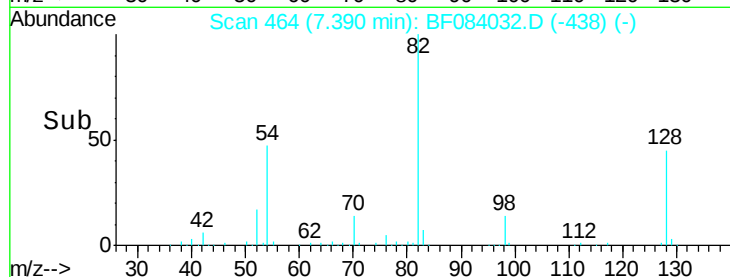
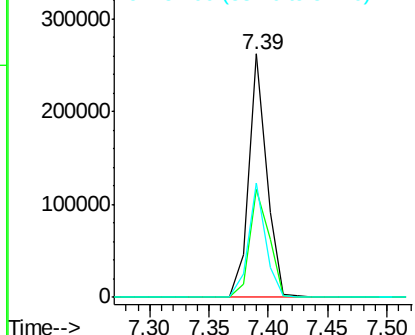
#23
 Nitrobenzene-d5
 Concen: 96.16 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084032.D
 Acq: 23 Dec 2015 11:43

Instrument :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	47.2	38.4	57.6

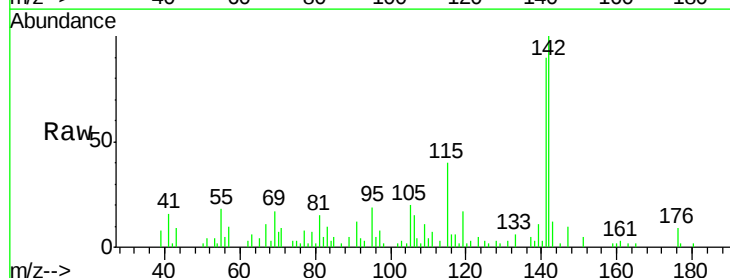


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

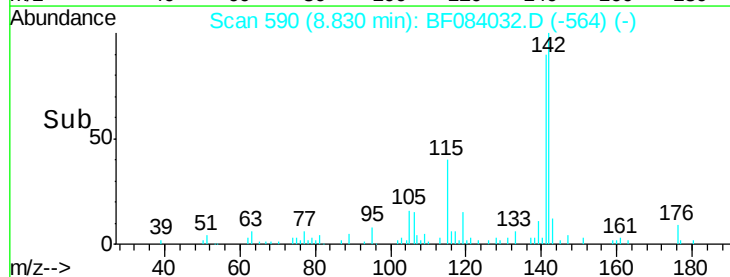
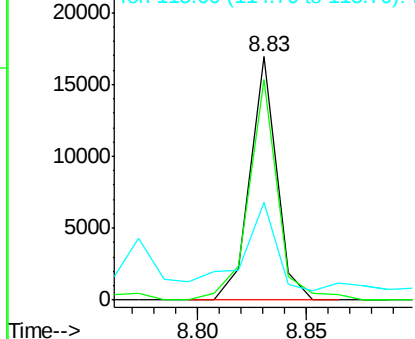


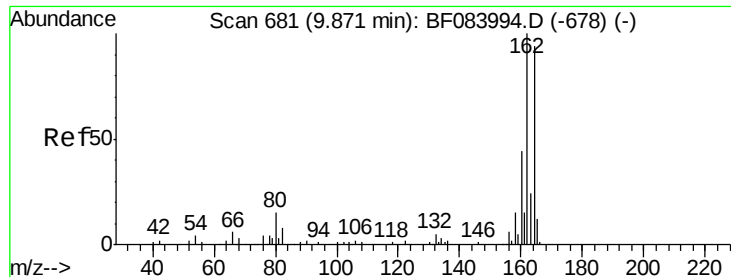
#37
 2-Methylnaphthalene
 Concen: 2.45 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF084032.D
 Acq: 23 Dec 2015 11:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.4	108.6
115	40.3	27.9	41.9



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

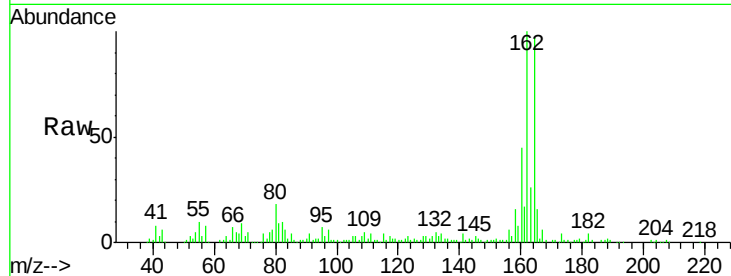




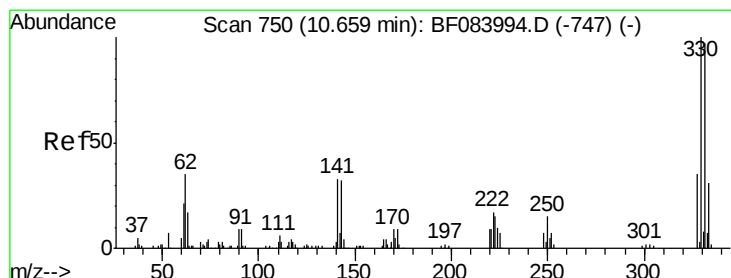
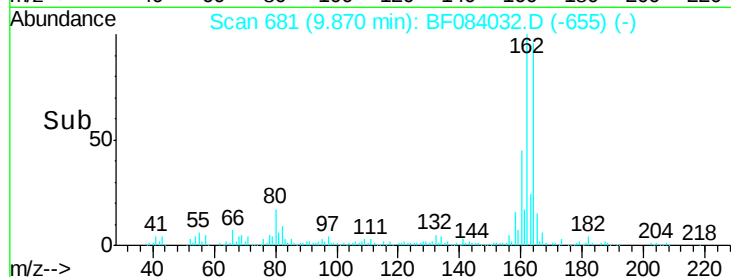
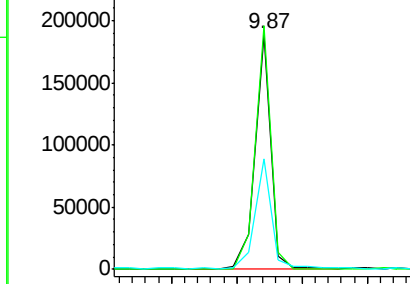
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Instrument :
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ClientSampleId :
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Tot Ion:164 Resp: 158276
Ion Ratio Lower Upper
164 100
162 103.5 85.1 127.7
160 46.9 37.5 56.3

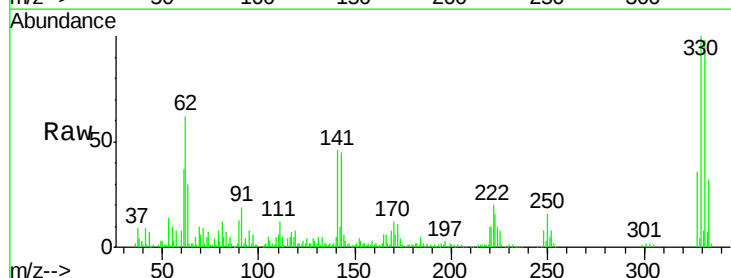


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

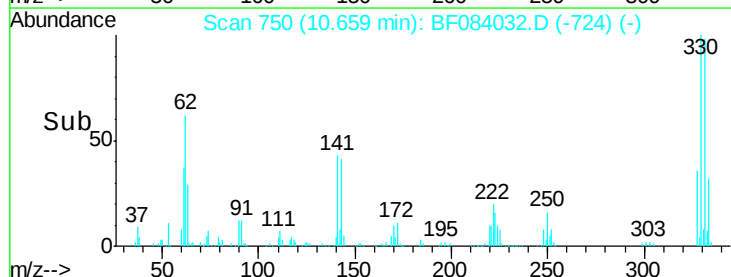
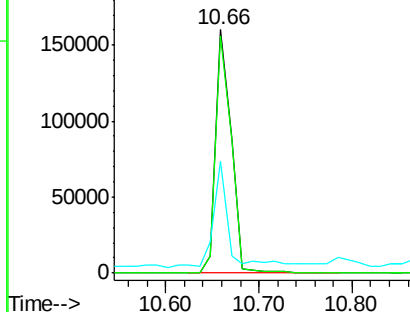


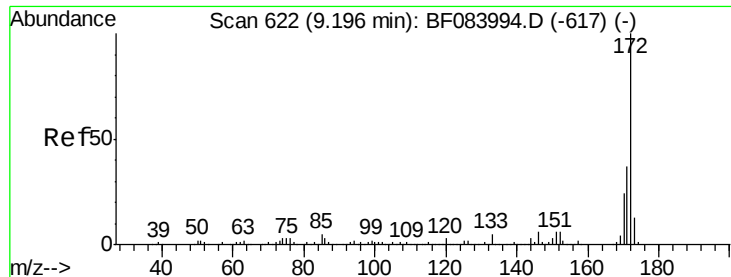
#41
2,4,6-Tribromophenol
Concen: 120.88 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion:330 Resp: 184022
Ion Ratio Lower Upper
330 100
332 98.7 76.6 114.8
141 46.7 27.8 41.6#



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

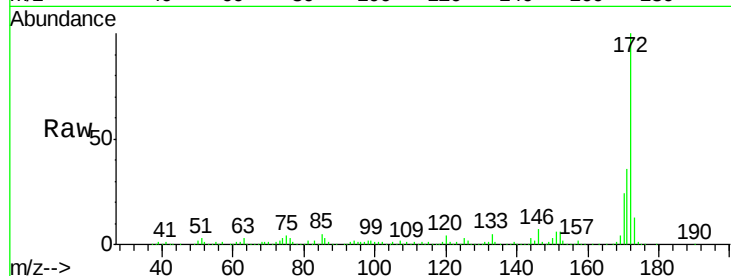




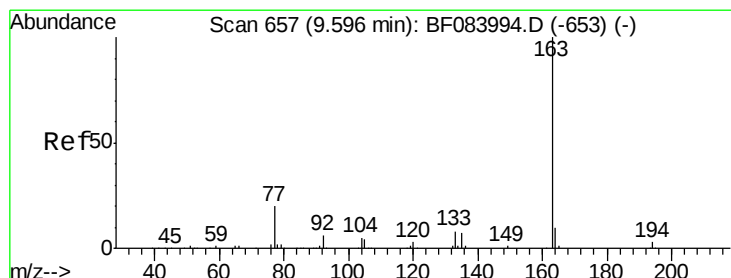
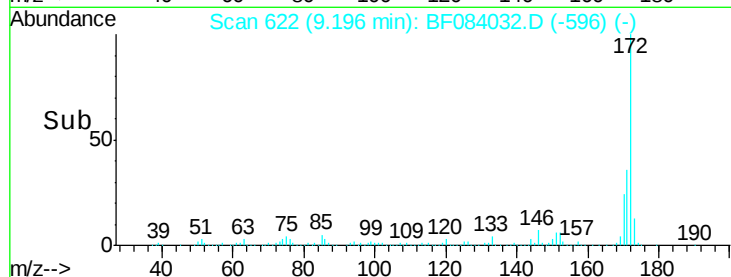
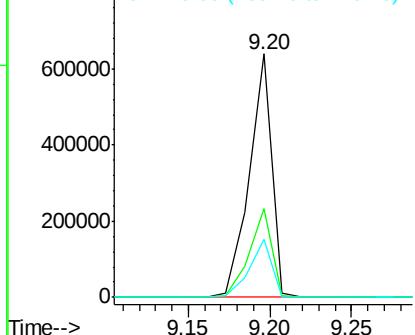
#44
2-Fluorobiphenyl
Concen: 51.68 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

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Tot Ion:172 Resp: 607759
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 23.8 18.6 27.8

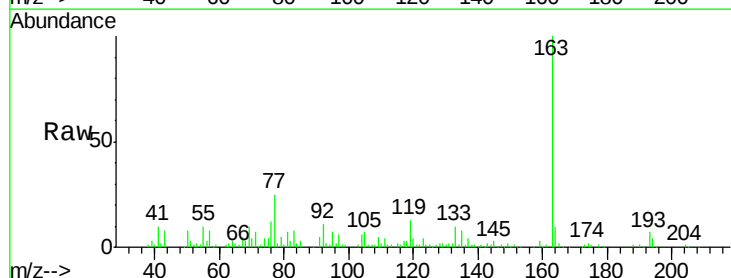


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

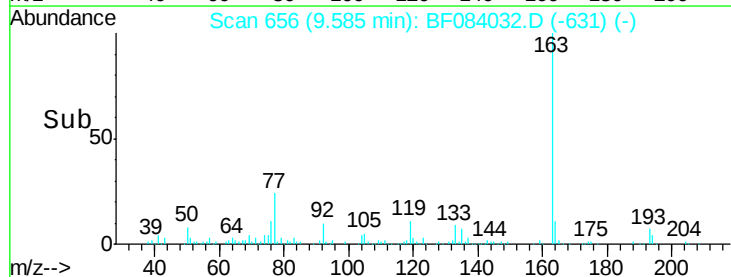
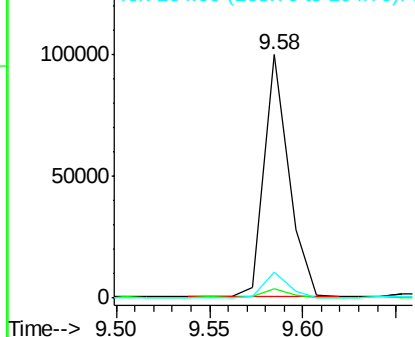


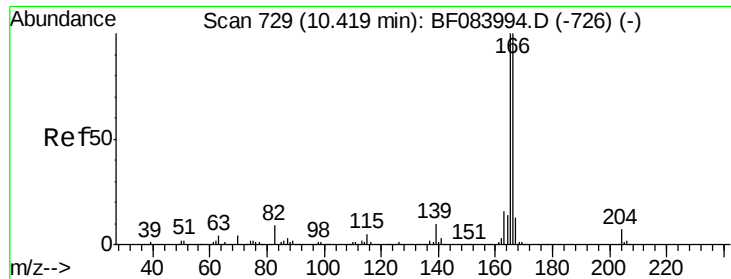
#49
Dimethylphthalate
Concen: 7.30 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084032.D
Acq: 23 Dec 2015 11:43

Tgt Ion:163 Resp: 90465
Ion Ratio Lower Upper
163 100
194 4.0 8.0 12.0#
164 10.5 8.0 12.0



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

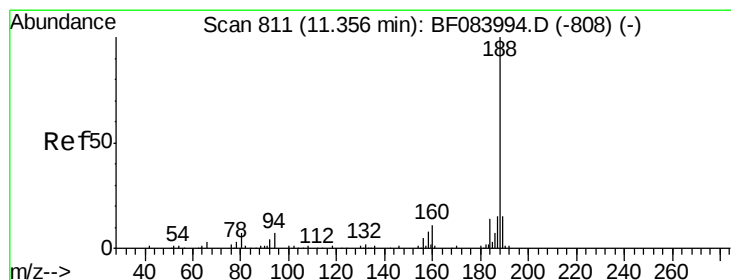
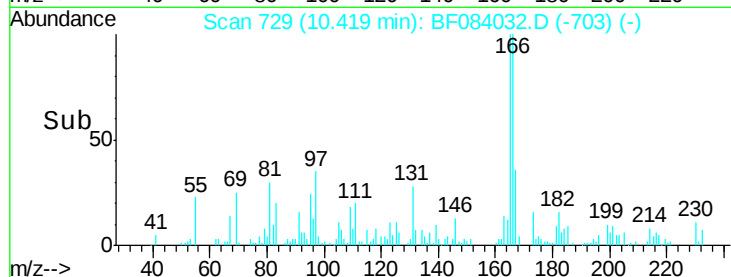
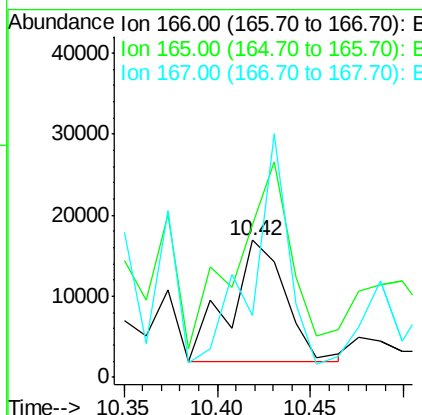
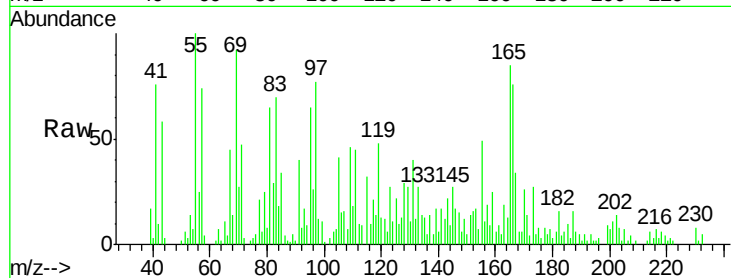




#57
 Fluorene
 Concen: 2.76 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF084032.D
 Acq: 23 Dec 2015 11:43

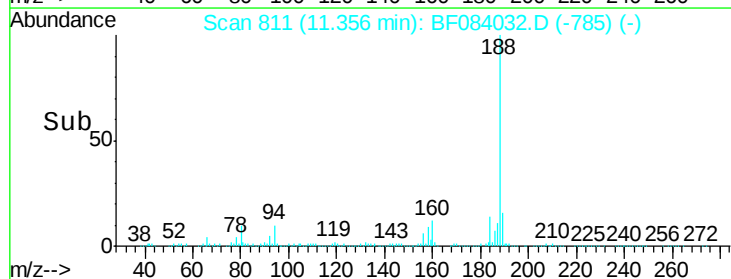
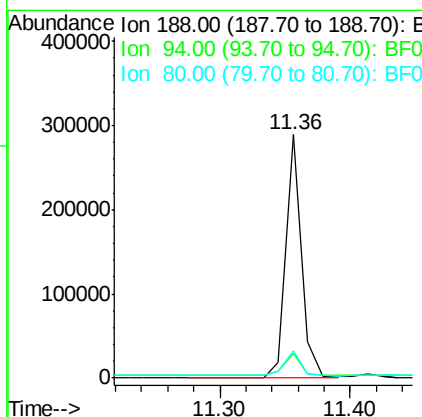
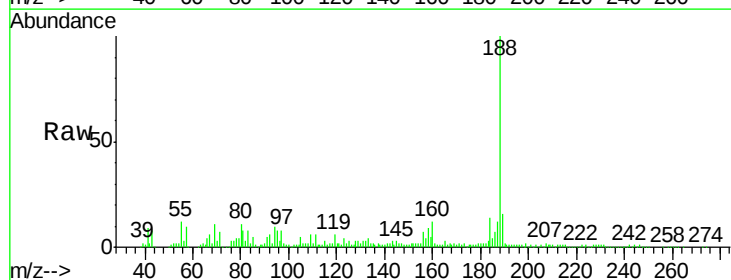
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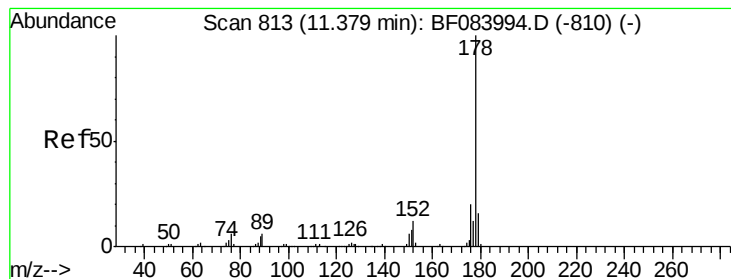
Tot Ion:166 Resp: 31069
 Ion Ratio Lower Upper
 166 100
 165 111.6 79.1 118.7
 167 44.8 10.4 15.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF084032.D
 Acq: 23 Dec 2015 11:43

Tgt Ion:188 Resp: 240404
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.0 13.4
 80 11.1 9.6 14.4





#70

Phenanthrene

Concen: 4.15 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF084032.D

Acq: 23 Dec 2015 11:43

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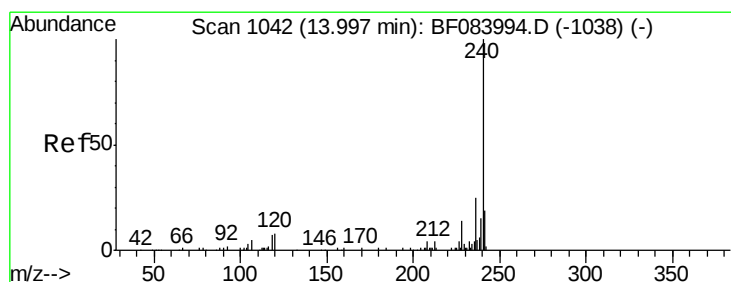
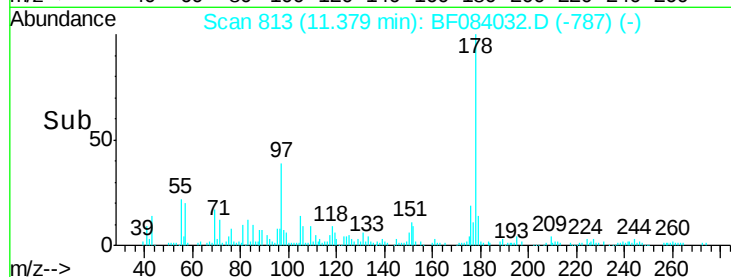
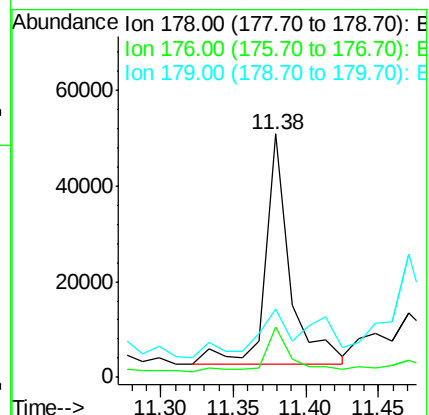
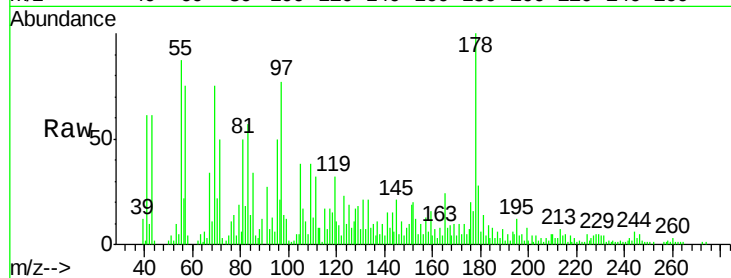
Tot Ion:178 Resp: 56341

Ion Ratio Lower Upper

178 100

176 20.5 15.3 22.9

179 28.0 12.0 18.0#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BF084032.D

Acq: 23 Dec 2015 11:43

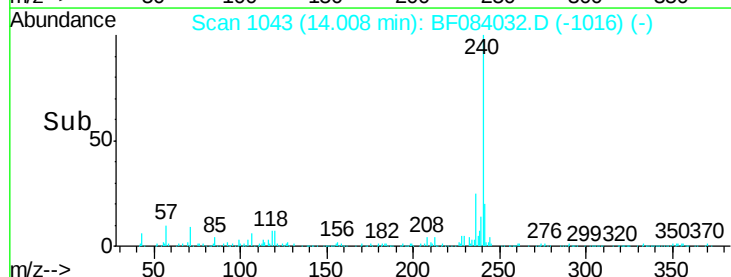
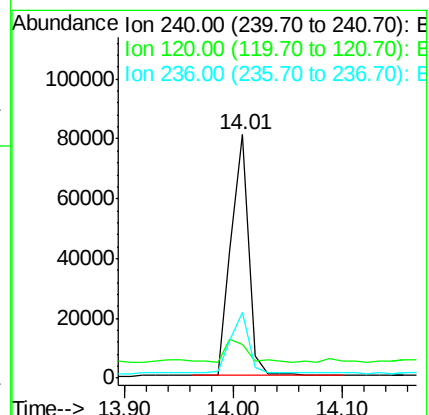
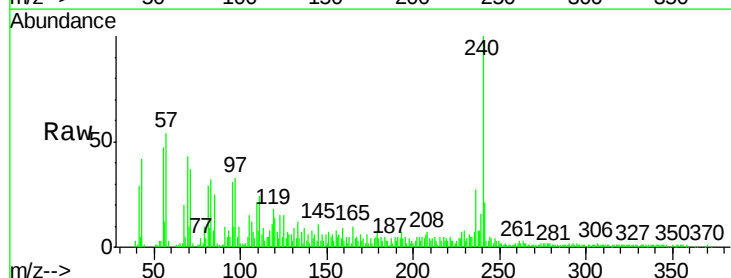
Tgt Ion:240 Resp: 90024

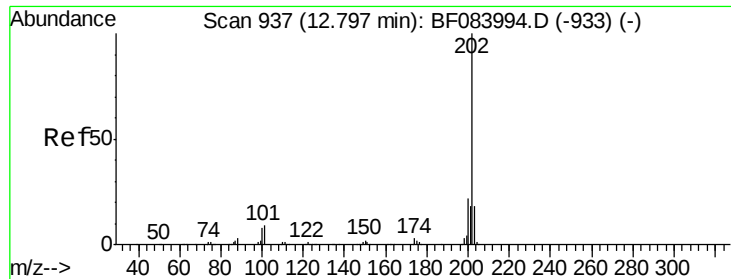
Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

236 26.8 20.6 31.0





#77

Pvrene

Concen: 3.06 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF084032.D

Acq: 23 Dec 2015 11:43

Instrument :
BNA_F
ClientSampleId :
S-7

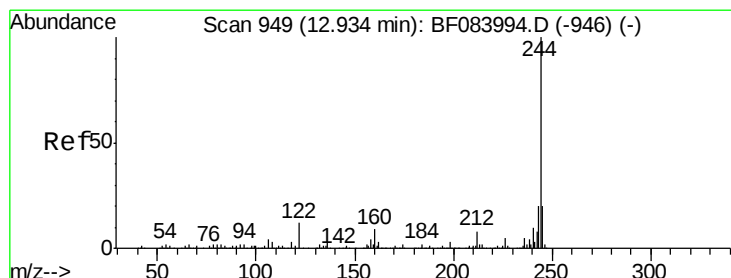
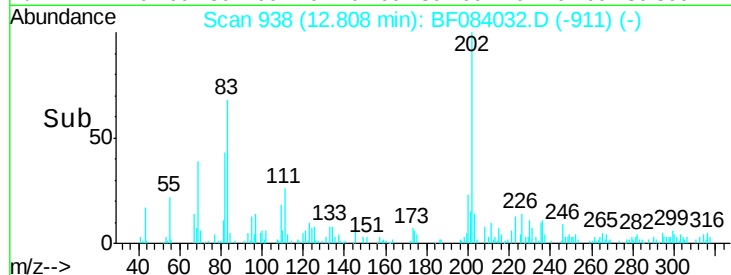
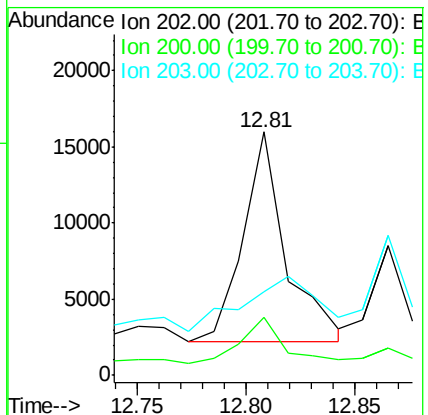
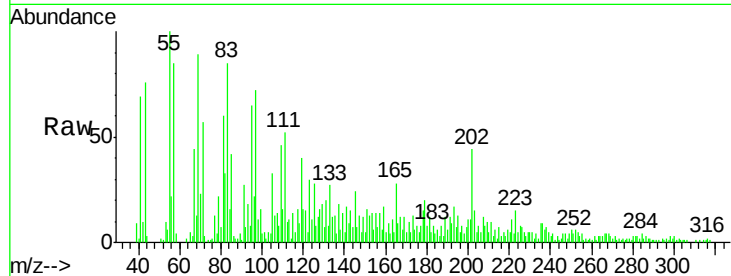
Tot Ion:202 Resp: 18719

Ion Ratio Lower Upper

202 100

200 24.1 17.2 25.8

203 34.3 14.3 21.5#



#78

Terphenyl-d14

Concen: 99.74 ng

RT: 12.94 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF084032.D

Acq: 23 Dec 2015 11:43

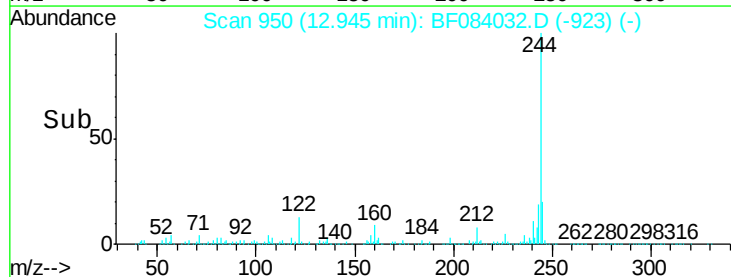
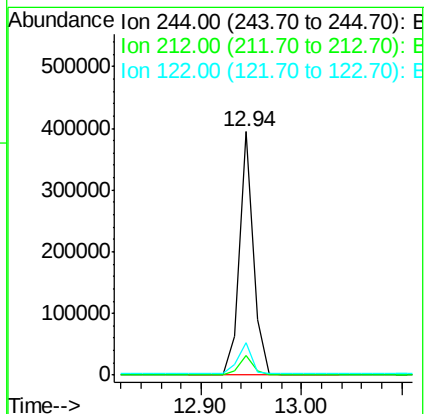
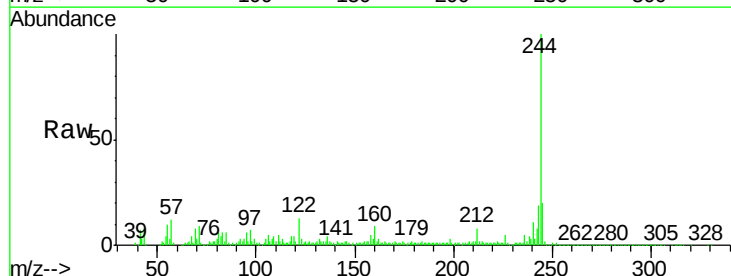
Tgt Ion:244 Resp: 376502

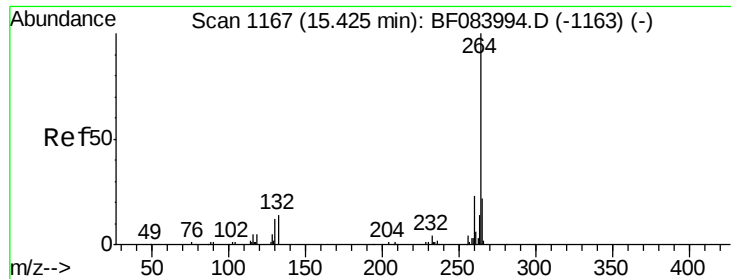
Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

122 13.4 7.4 11.0#

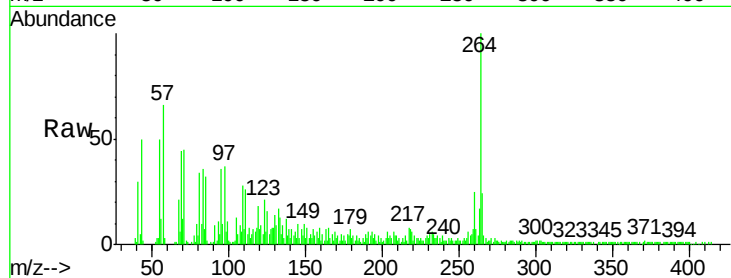




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. 0.02 min
 Lab File: BF084032.D
 Acq: 23 Dec 2015 11:43

Instrument :
 BNA_F
 ClientSampleId :
 S-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	23.7	17.8	26.6



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

