

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
 Data File : BF080491.D
 Acq On : 15 Jul 2015 14:28
 Operator : TP/UM
 Sample : G2978-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-002-ABCD

Quant Time: Jul 15 16:15:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 15 03:58:42 2015
 Response via : Initial Calibration

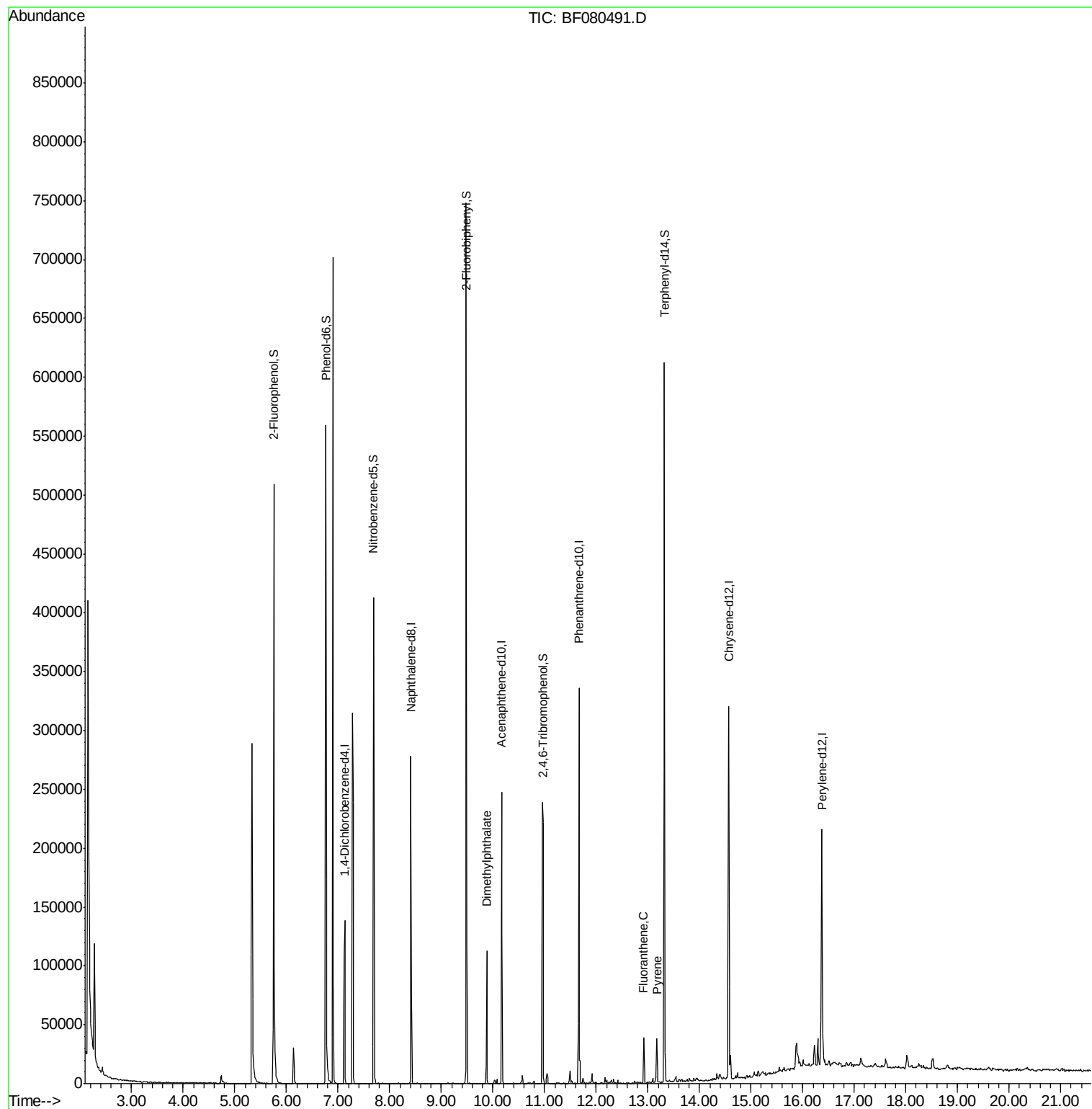
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	28278	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	119028	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	54607	20.00	ng	-0.01
63) Phenanthrene-d10	11.66	188	114557	20.00	ng	0.00
75) Chrysene-d12	14.57	240	114929	20.00	ng	0.09
86) Perylene-d12	16.37	264	112072	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	137004	79.19	ng	0.00
7) Phenol-d6	6.76	99	189347	89.44	ng	-0.01
23) Nitrobenzene-d5	7.69	82	116650	53.65	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	36472	70.66	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	206147	51.72	ng	0.00
78) Terphenyl-d14	13.32	244	220112	46.16	ng	0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.88	163	44843	10.38	ng	99
74) Fluoranthene	12.92	202	16197	2.47	ng	93
77) Pyrene	13.17	202	16397	2.42	ng	97

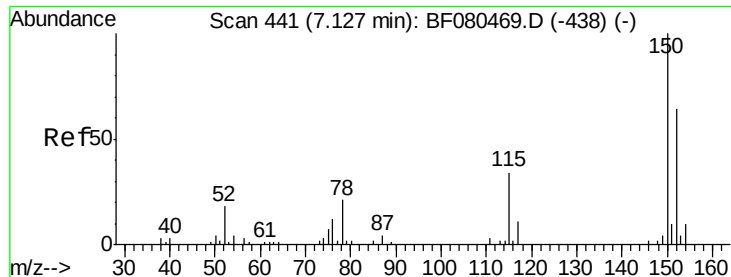
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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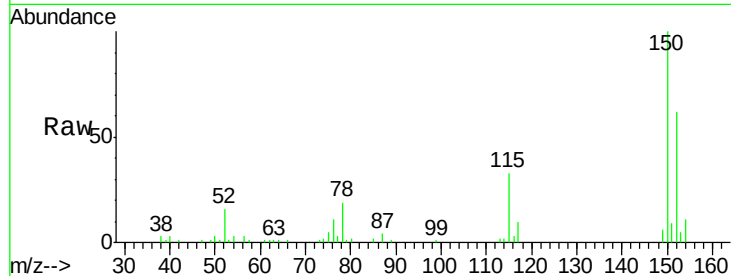


#1

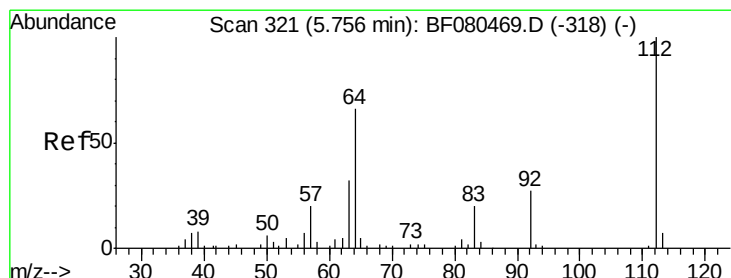
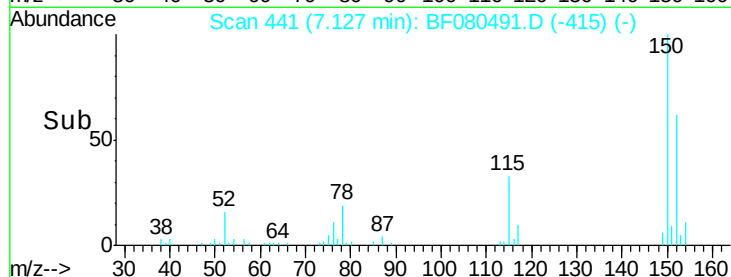
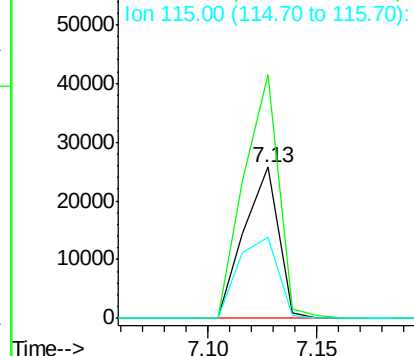
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF080491.D
Acq: 15 Jul 2015 14:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-002-ABCD

Tgt Ion:152 Resp: 28278
Ion Ratio Lower Upper
152 100
150 161.1 125.5 188.3
115 53.4 42.9 64.3



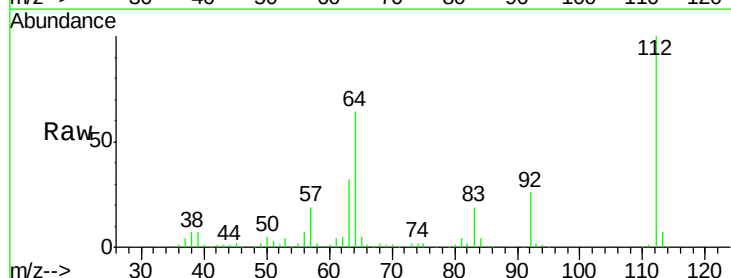
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



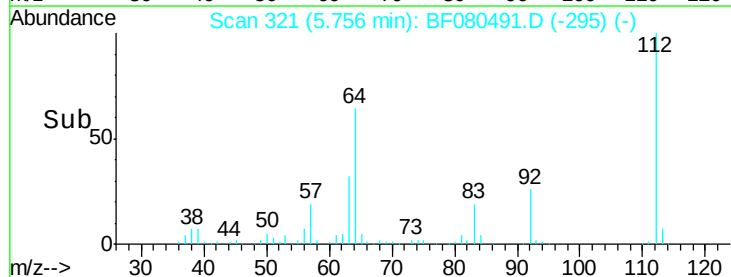
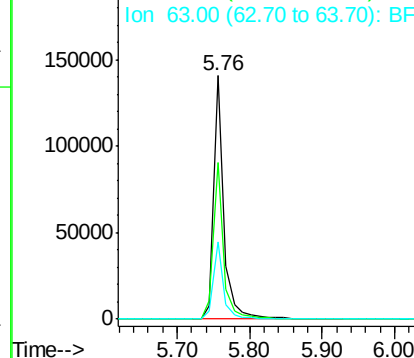
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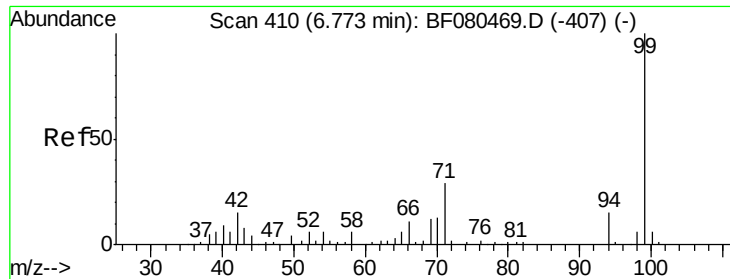
2-Fluorophenol
Concen: 79.19 ng
RT: 5.76 min Scan# 321
Delta R.T. 0.00 min
Lab File: BF080491.D
Acq: 15 Jul 2015 14:28

Tgt Ion:112 Resp: 137004
Ion Ratio Lower Upper
112 100
64 64.3 52.6 79.0
63 32.0 25.9 38.9



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: 89.44 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF080491.D

Acq: 15 Jul 2015 14:28

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-002-ABCD

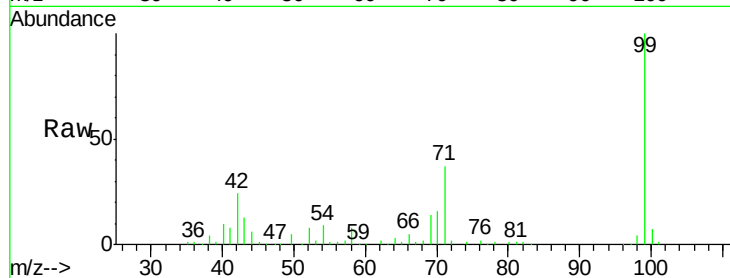
Tgt Ion: 99 Resp: 189347

Ion Ratio Lower Upper

99 100

42 24.2 12.4 18.6#

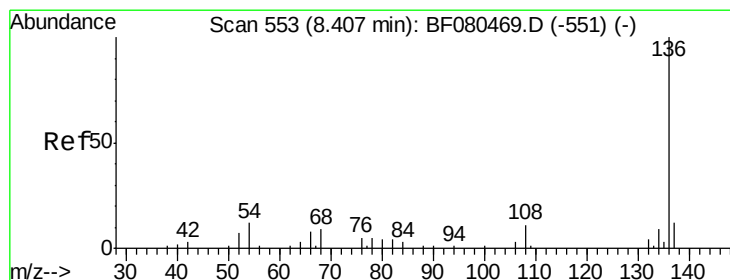
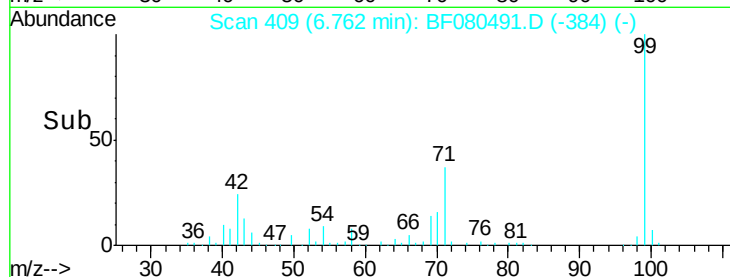
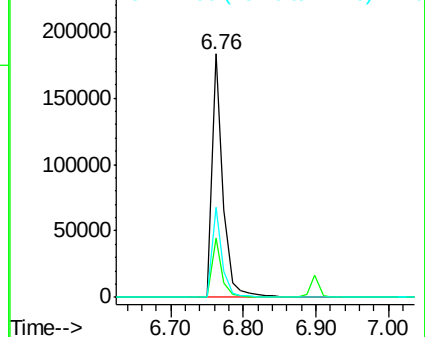
71 37.1 22.9 34.3#



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: 8.41 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF080491.D

Acq: 15 Jul 2015 14:28

Tgt Ion: 136 Resp: 119028

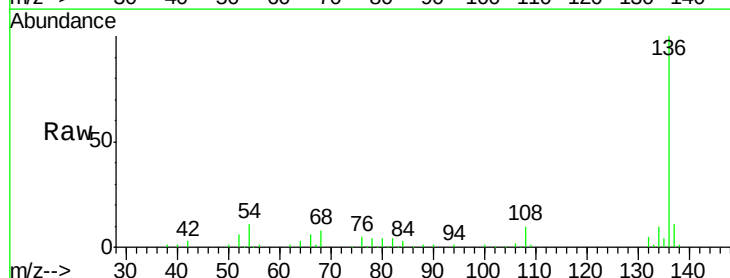
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 11.4 9.8 14.8

68 7.9 7.0 10.4

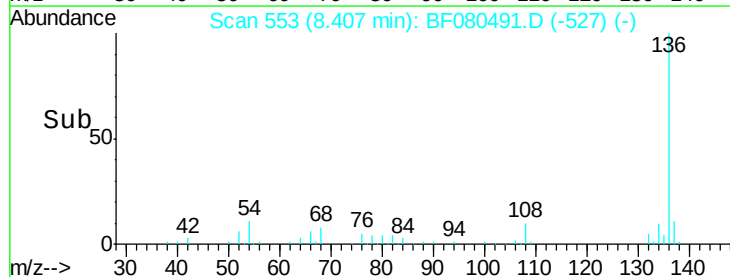
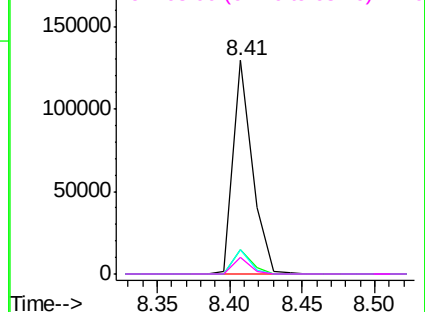


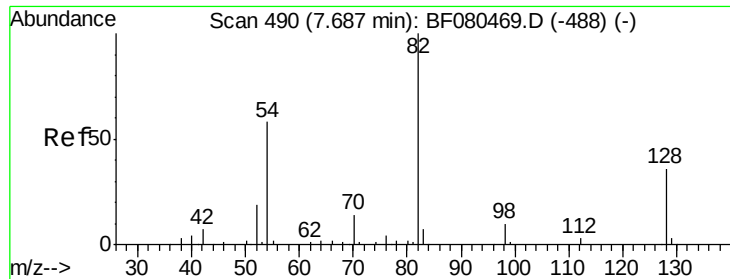
Abundance Ion 136.00 (135.70 to 136.70): E

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

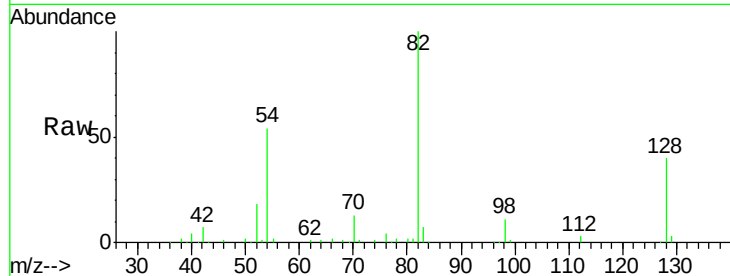




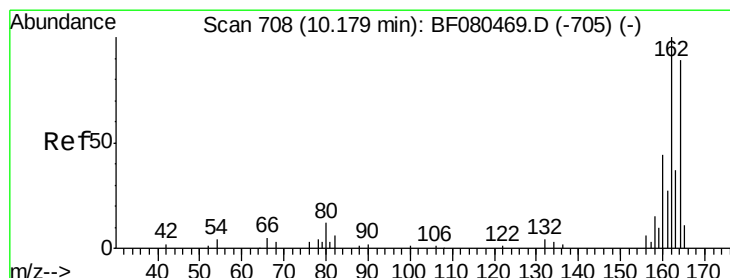
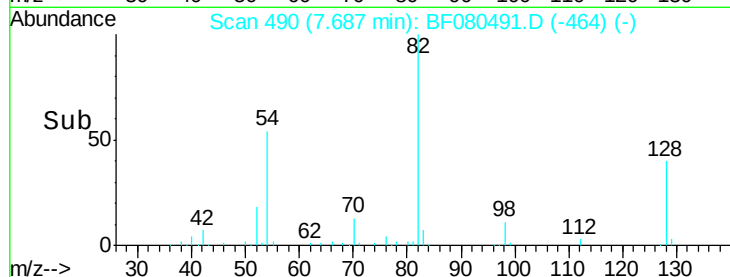
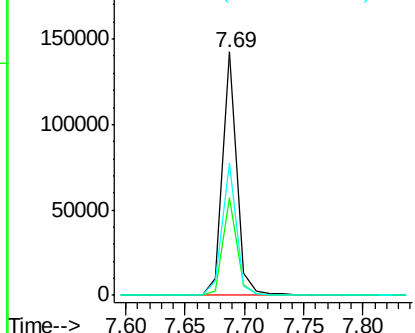
#23
 Nitrobenzene-d5
 Concen: 53.65 ng
 RT: 7.69 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF080491.D
 Acq: 15 Jul 2015 14:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-002-ABCD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	29.0	43.4
54	54.1	46.4	69.6

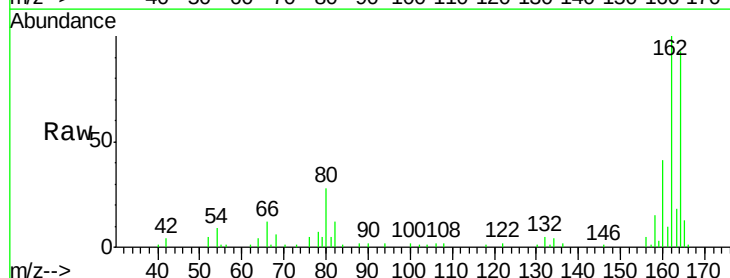


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

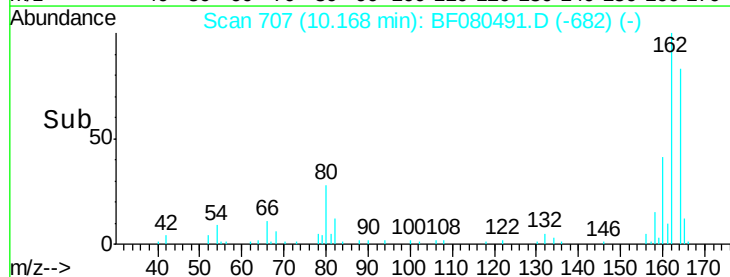
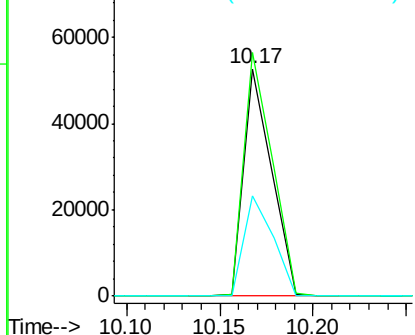


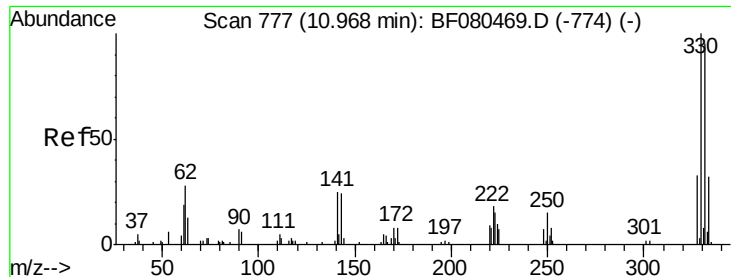
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF080491.D
 Acq: 15 Jul 2015 14:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	89.8	134.8
160	44.2	39.5	59.3



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

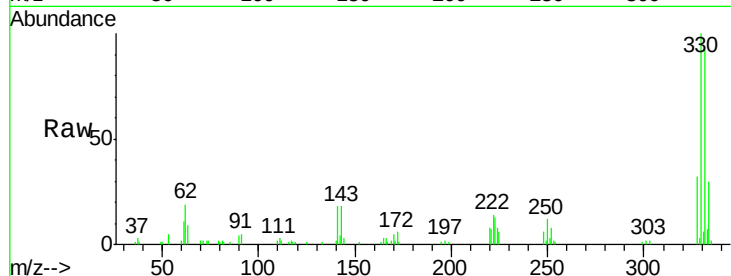




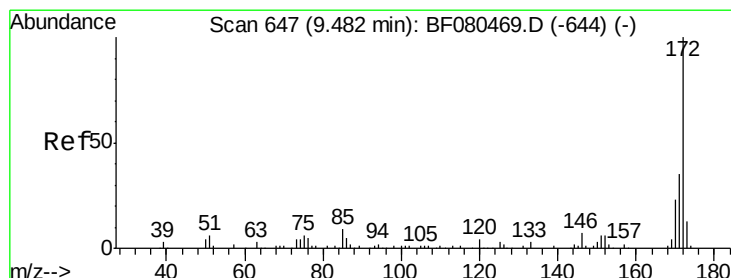
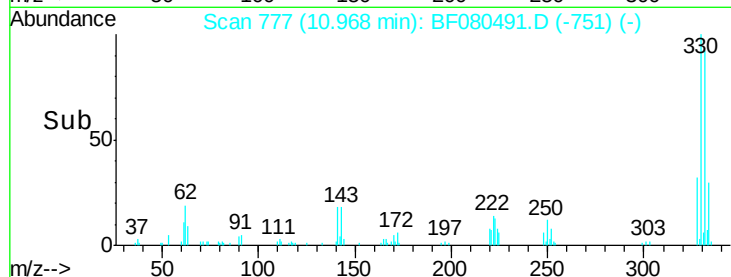
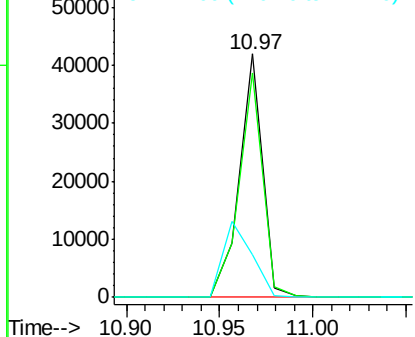
#41
 2,4,6-Tribromophenol
 Concen: 70.66 ng
 RT: 10.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF080491.D
 Acq: 15 Jul 2015 14:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-002-ABCD

Tgt Ion:330 Resp: 36472
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.2 114.4
 141 39.1 29.8 44.6

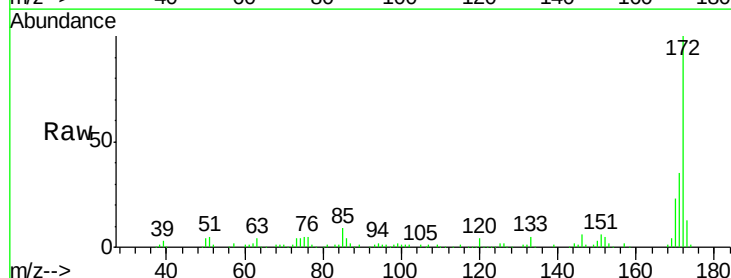


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

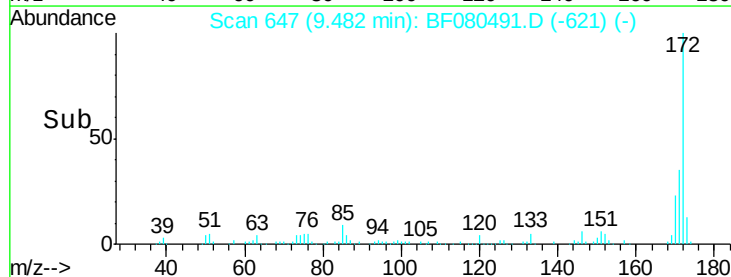
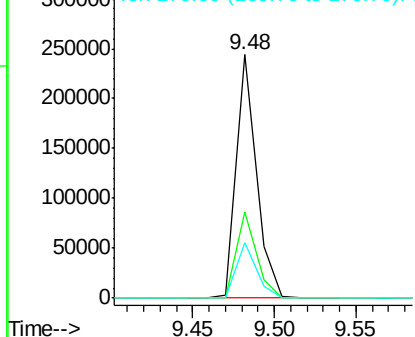


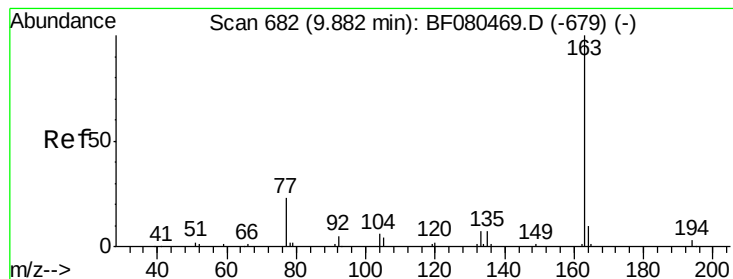
#44
 2-Fluorobiphenyl
 Concen: 51.72 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF080491.D
 Acq: 15 Jul 2015 14:28

Tgt Ion:172 Resp: 206147
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.9 41.9
 170 22.8 18.5 27.7



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: 10.38 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF080491.D

Acq: 15 Jul 2015 14:28

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-002-ABCD

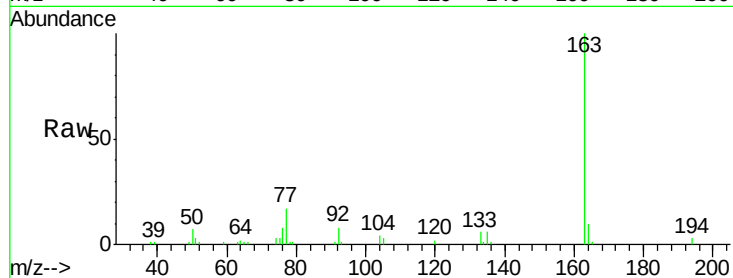
Tgt Ion:163 Resp: 44843

Ion Ratio Lower Upper

163 100

194 3.4 2.6 3.8

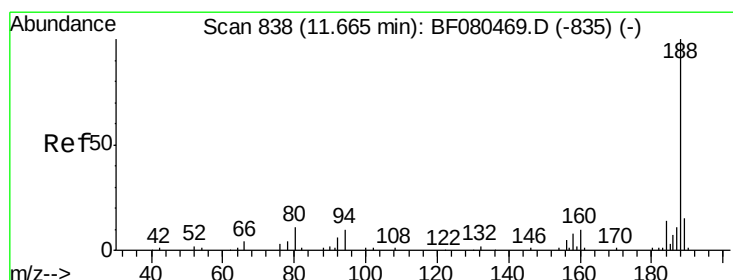
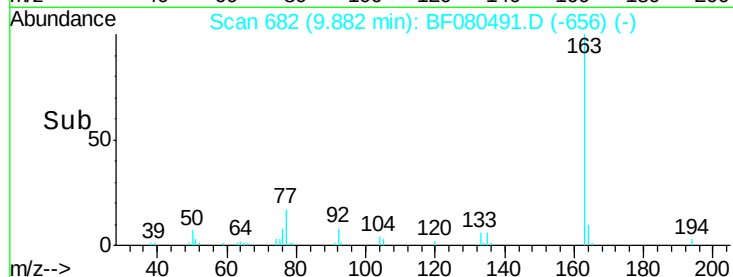
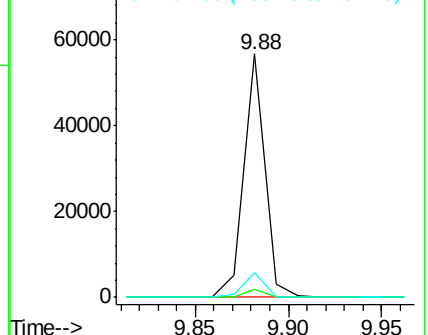
164 10.3 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.66 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF080491.D

Acq: 15 Jul 2015 14:28

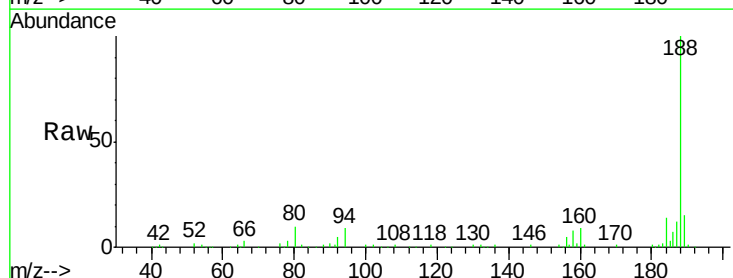
Tgt Ion:188 Resp: 114557

Ion Ratio Lower Upper

188 100

94 9.1 7.7 11.5

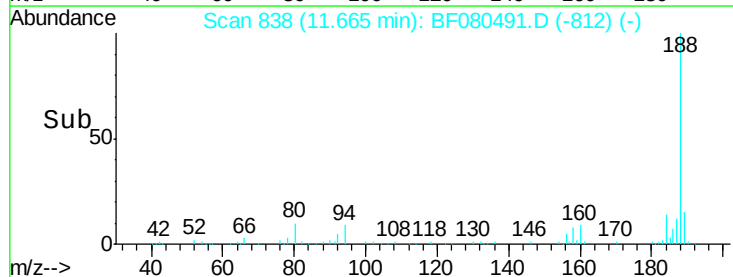
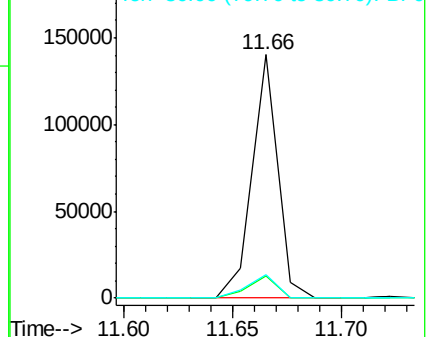
80 9.7 8.8 13.2

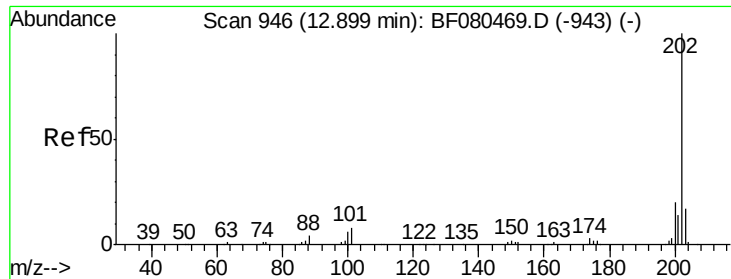


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

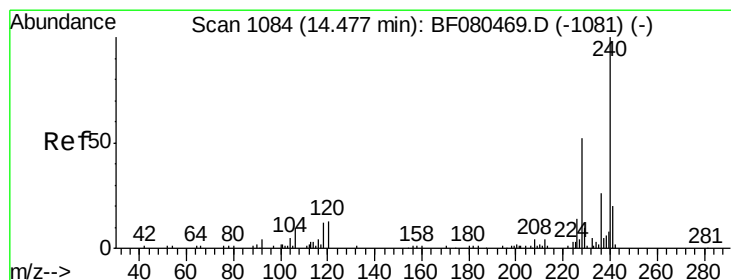
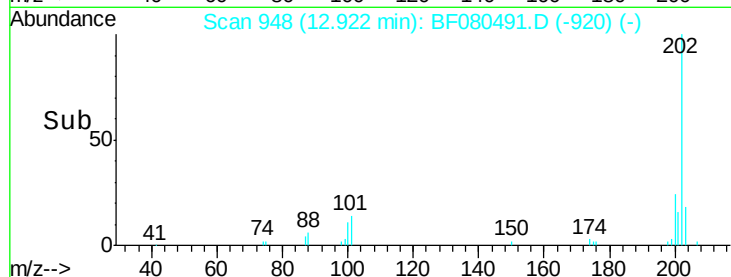
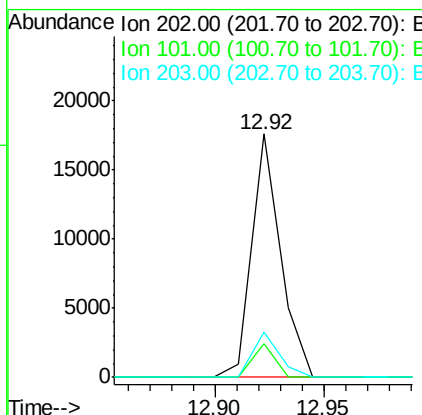
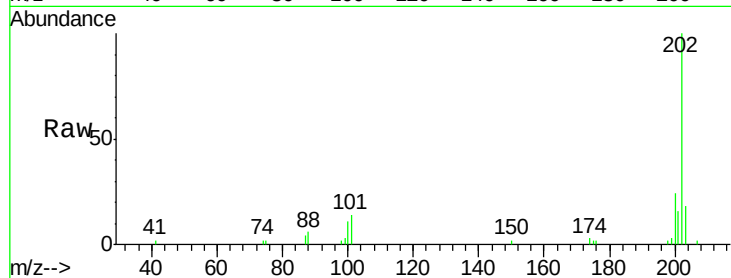




#74
 Fluoranthene
 Concen: 2.47 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.02 min
 Lab File: BF080491.D
 Acq: 15 Jul 2015 14:28

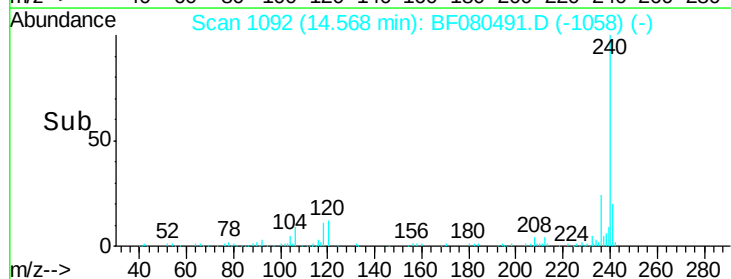
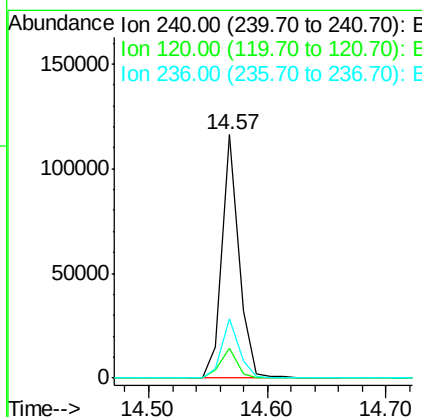
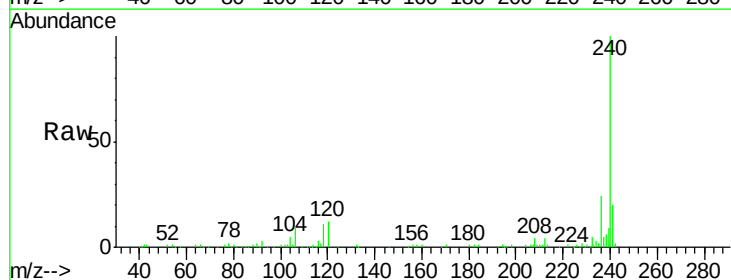
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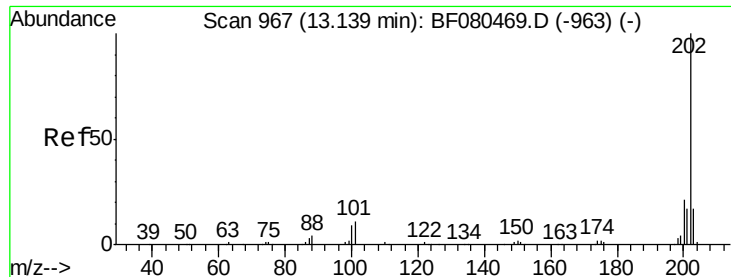
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	27.9
203	18.4	0.0	37.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.09 min
 Lab File: BF080491.D
 Acq: 15 Jul 2015 14:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.2	15.4
236	24.5	20.6	30.8

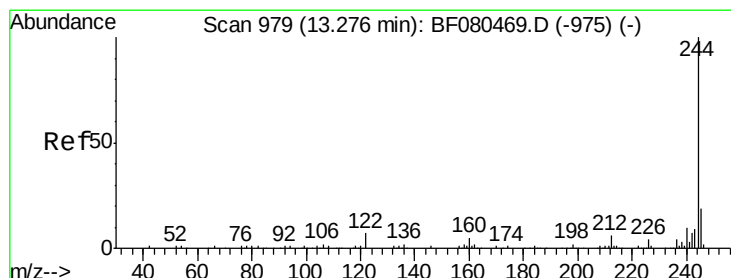
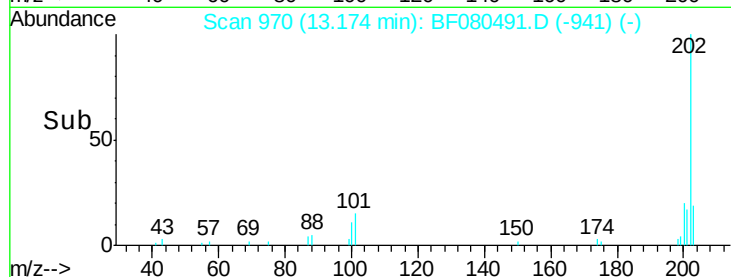
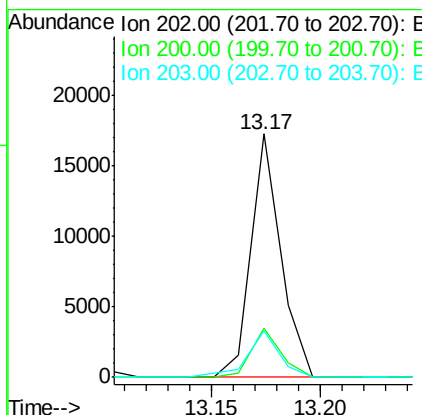
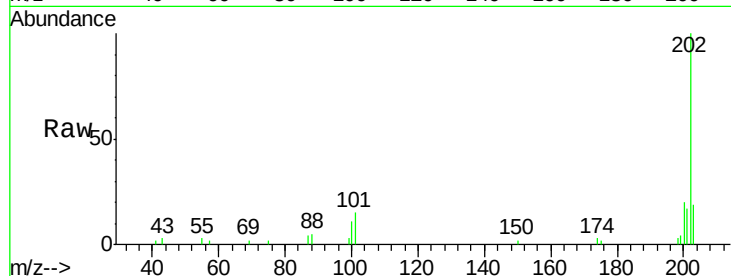




#77
 Pyrene
 Concen: 2.42 ng
 RT: 13.17 min Scan# 970
 Delta R.T. 0.03 min
 Lab File: BF080491.D
 Acq: 15 Jul 2015 14:28

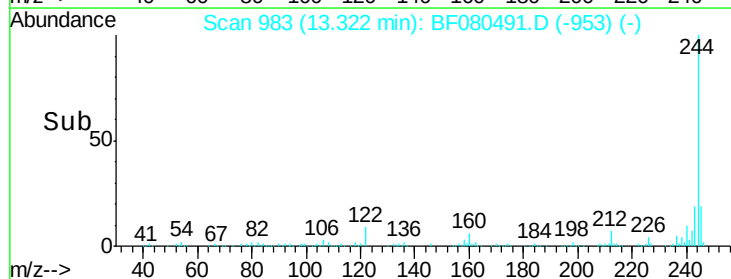
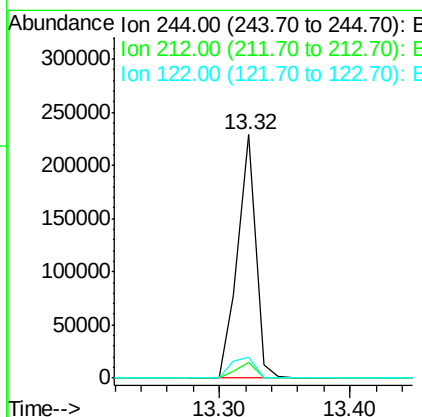
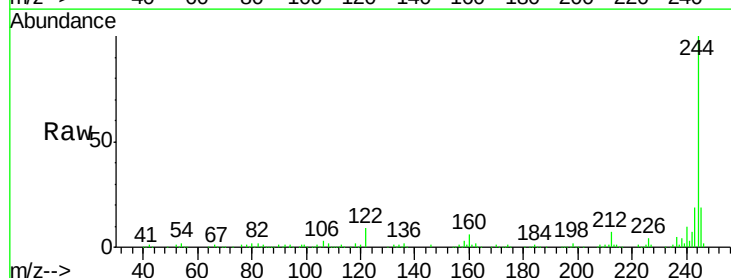
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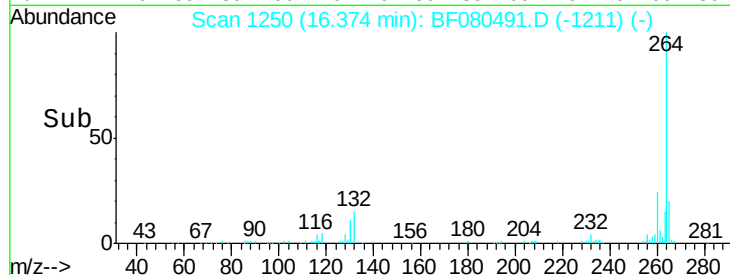
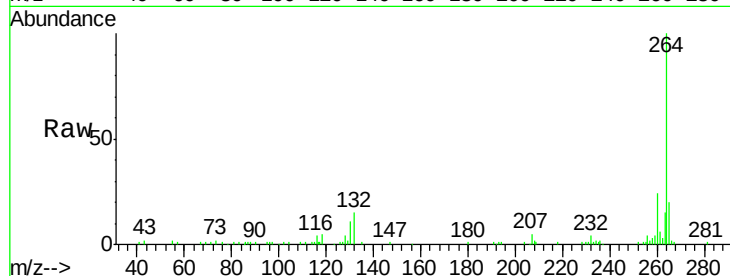
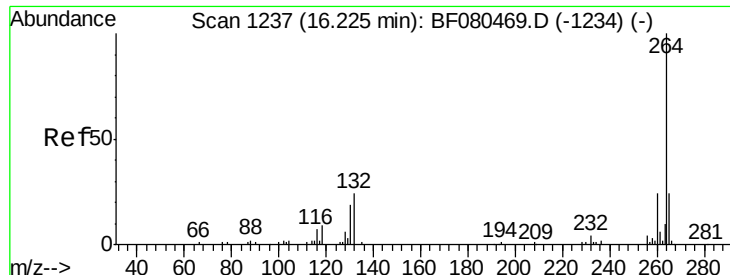
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	24.8
203	19.1	13.8	20.6



#78
 Terphenyl-d14
 Concen: 46.16 ng
 RT: 13.32 min Scan# 983
 Delta R.T. 0.05 min
 Lab File: BF080491.D
 Acq: 15 Jul 2015 14:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.9	7.3
122	8.7	5.2	7.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.37 min Scan# 1250
Delta R.T. 0.15 min
Lab File: BF080491.D
Acq: 15 Jul 2015 14:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-002-ABCD

Tgt Ion: 264 Resp: 112072
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 20.4 18.9 28.3

