

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088667.D
 Acq On : 4 Jul 2016 00:47
 Operator : UM/SJ
 Sample : H3817-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:03:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

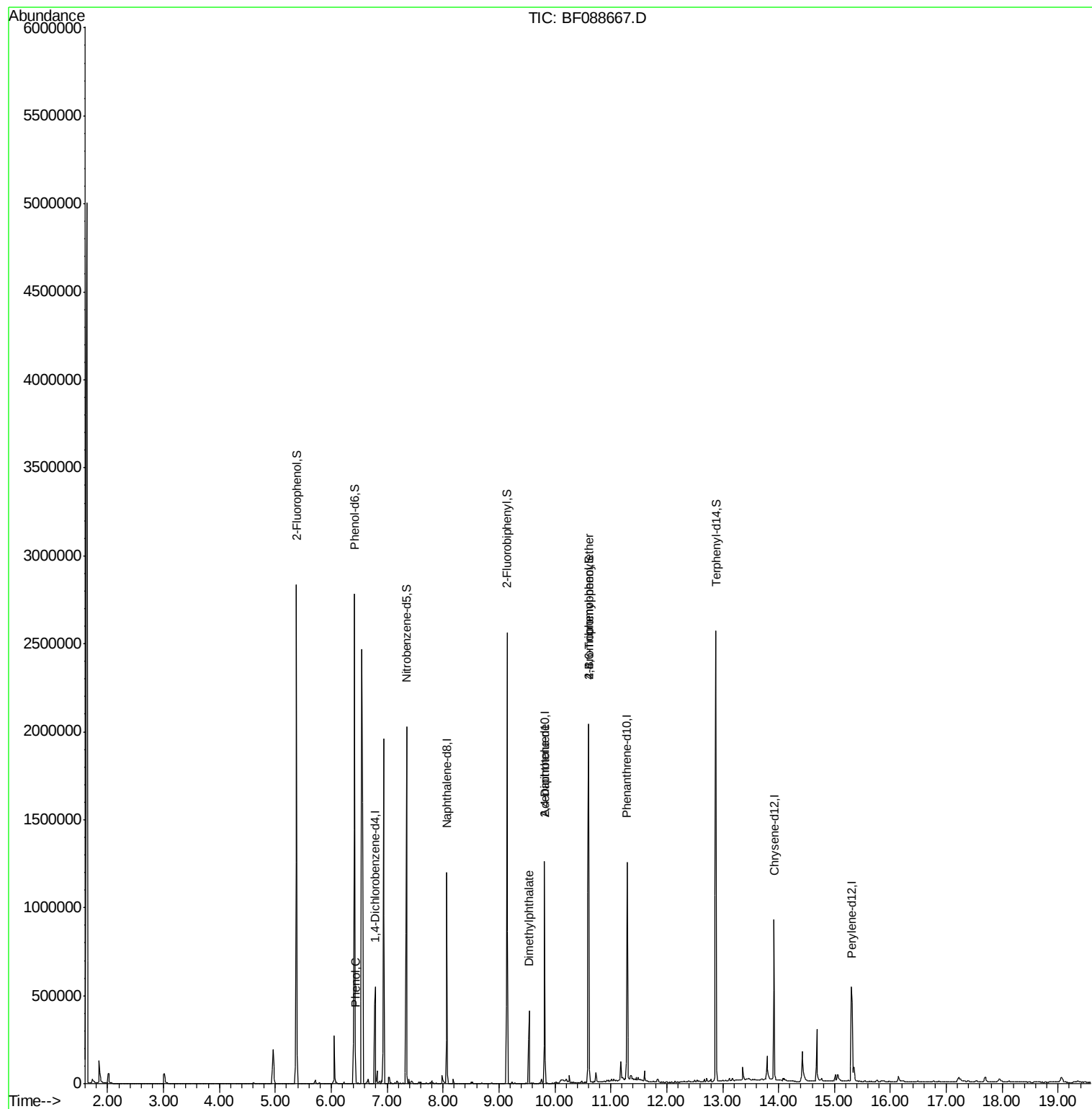
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114353	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	493595	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	227320	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	412313	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	346127	20.00	ng	-0.03
86) Perylene-d12	15.31	264	270944	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	838737	109.92	ng	-0.02
7) Phenol-d6	6.42	99	1117502	113.35	ng	-0.02
23) Nitrobenzene-d5	7.35	82	728009	77.29	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	263082	124.63	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	892986	62.05	ng	-0.03
78) Terphenyl-d14	12.88	244	808510	52.03	ng	-0.03
Target Compounds						
10) Phenol	6.43	94	35029	3.11	ng	Qvalue 98
49) Dimethylphthalate	9.54	163	215375	13.30	ng	98
56) 2,4-Dinitrotoluene	9.82	165	29134	6.21	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	18499	4.45	ng	# 1

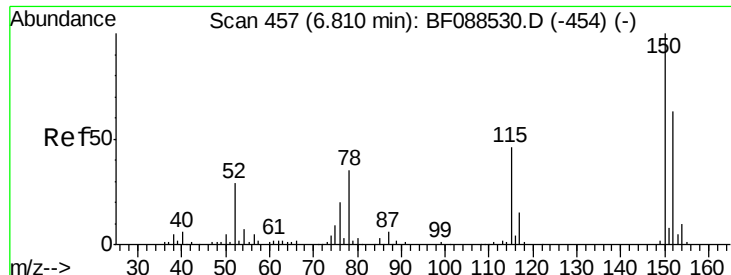
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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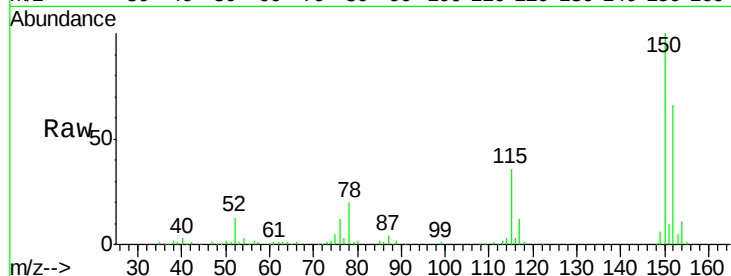




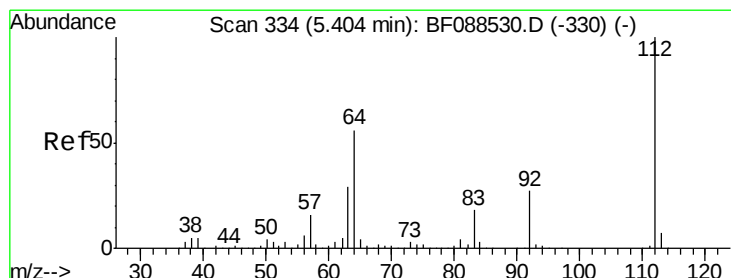
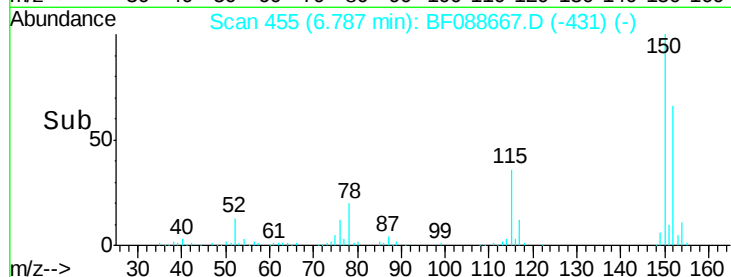
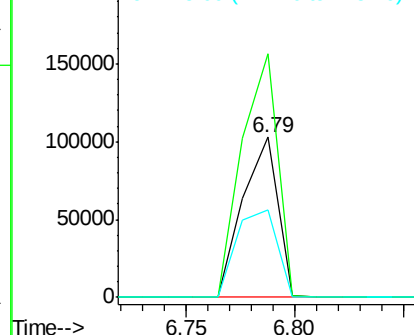
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF088667.D
 Acq: 4 Jul 2016 00:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 114353
 Ion Ratio Lower Upper
 152 100
 150 152.3 123.8 185.6
 115 55.1 39.6 59.4

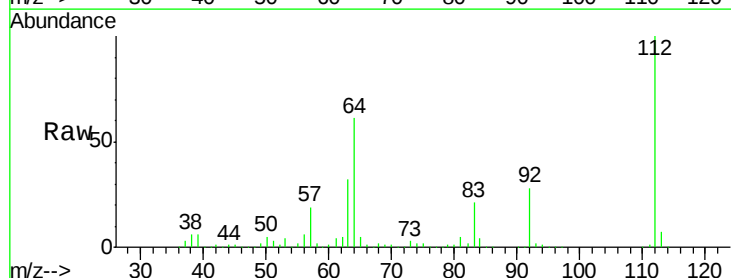


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

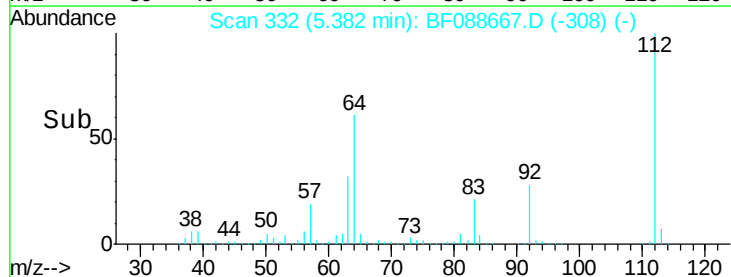
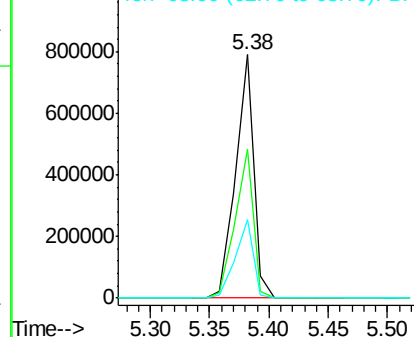


#5
 2-Fluorophenol
 Concen: 109.92 ng
 RT: 5.38 min Scan# 332
 Delta R.T. -0.02 min
 Lab File: BF088667.D
 Acq: 4 Jul 2016 00:47

Tgt Ion:112 Resp: 838737
 Ion Ratio Lower Upper
 112 100
 64 61.2 42.2 63.2
 63 32.2 21.8 32.8



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: 113.35 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088667.D

Acq: 4 Jul 2016 00:47

Instrument :

BNA_F

ClientSampleId :

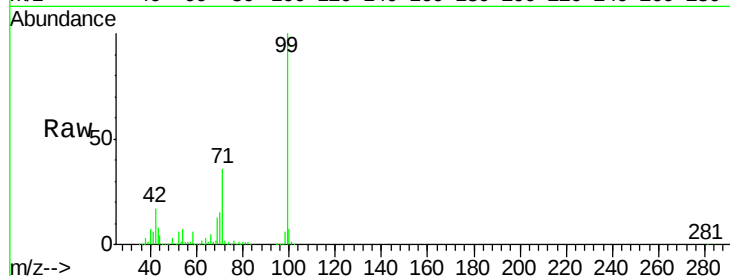
Tot Ion: 99 Resp: 1117502

Ion Ratio Lower Upper

99 100

42 17.4 12.2 18.2

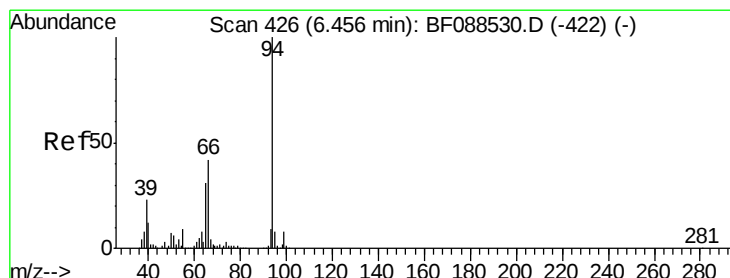
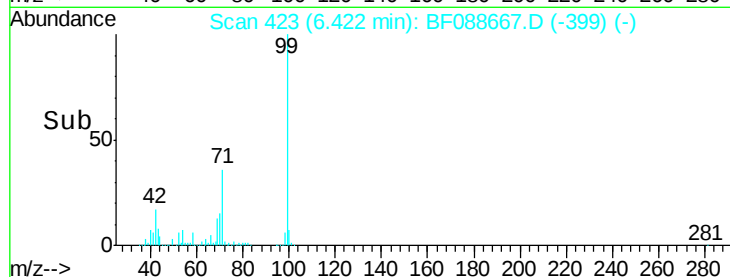
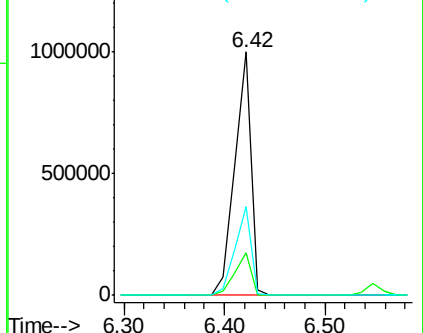
71 36.3 23.4 35.0#



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



#10

Phenol

Concen: 3.11 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088667.D

Acq: 4 Jul 2016 00:47

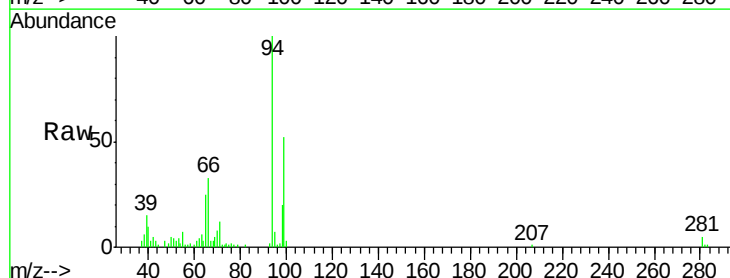
Tgt Ion: 94 Resp: 35029

Ion Ratio Lower Upper

94 100

65 24.8 5.9 45.9

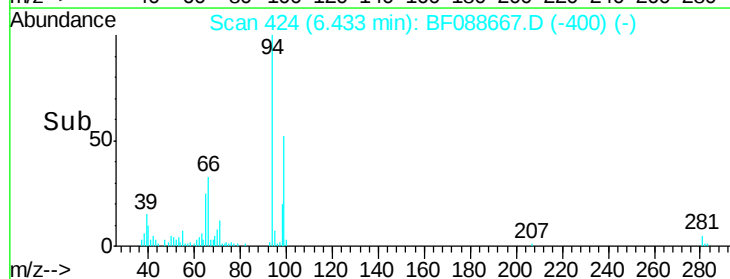
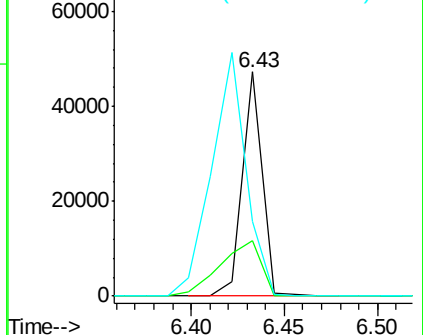
66 33.2 14.0 54.0

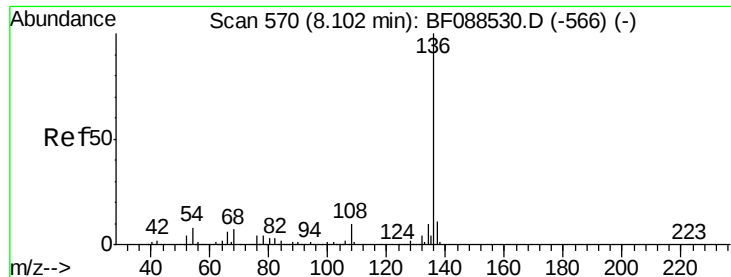


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

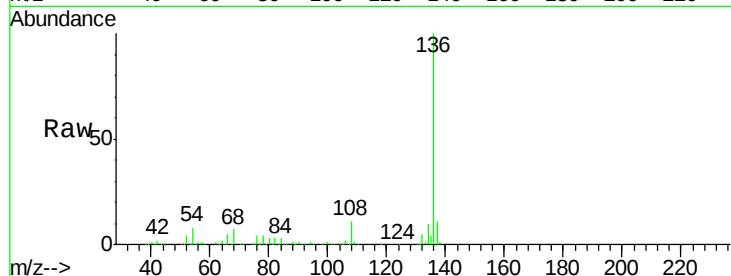




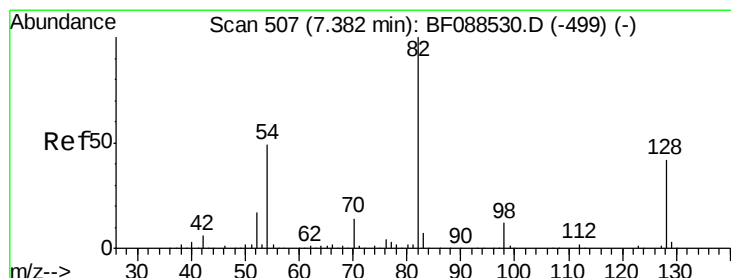
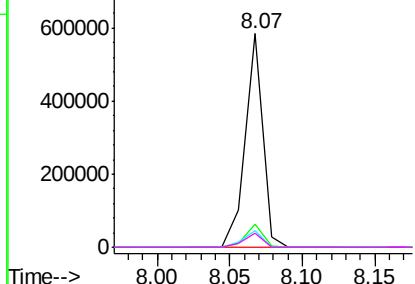
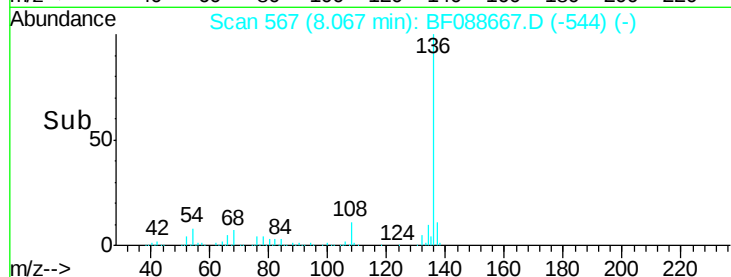
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088667.D
Acq: 4 Jul 2016 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	493595
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.1 13.7
54	7.6	6.6 10.0
68	6.7	5.1 7.7

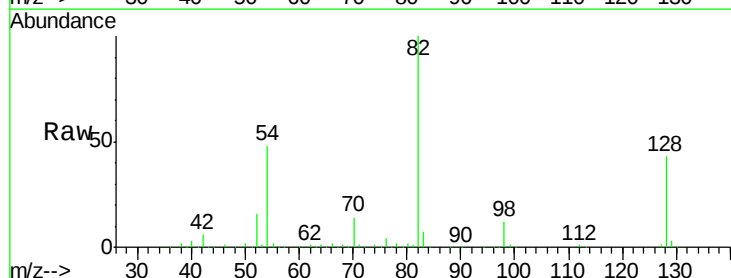


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

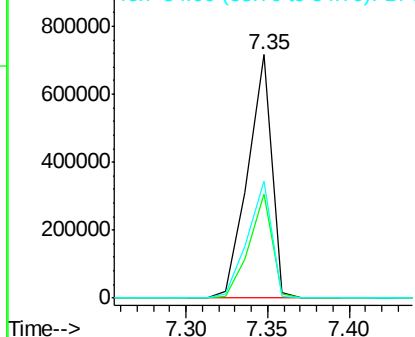
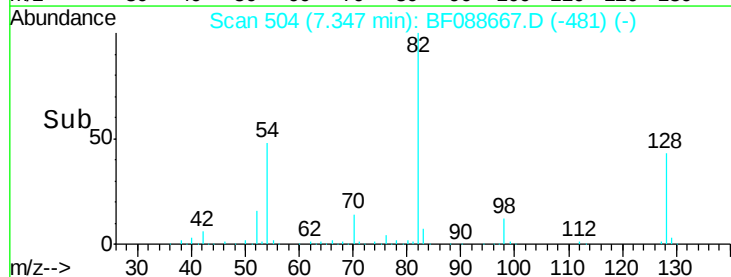


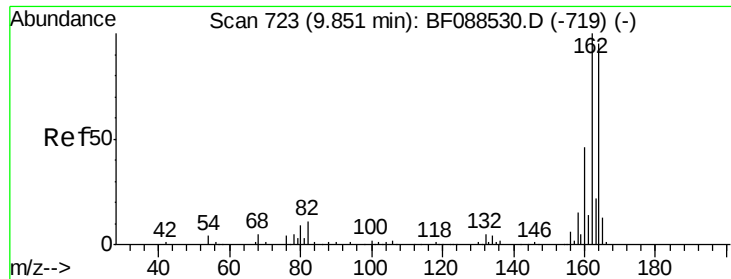
#23
Nitrobenzene-d5
Concen: 77.29 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088667.D
Acq: 4 Jul 2016 00:47

Tgt Ion: 82	Resp:	728009
Ion	Ratio	Lower Upper
82	100	
128	42.7	35.9 53.9
54	48.1	40.9 61.3



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

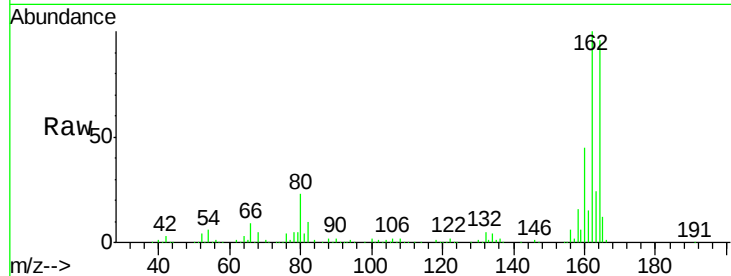




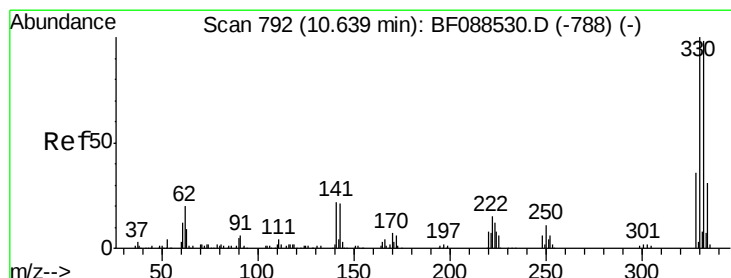
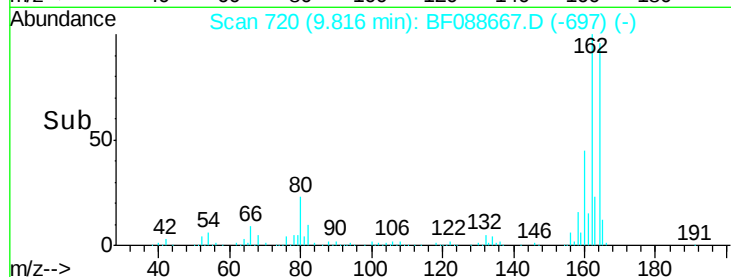
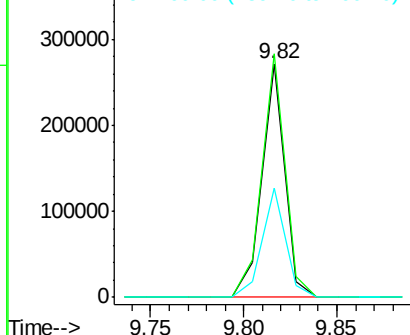
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088667.D
Acq: 4 Jul 2016 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 227320
Ion Ratio Lower Upper
164 100
162 104.0 85.4 128.2
160 46.7 39.5 59.3

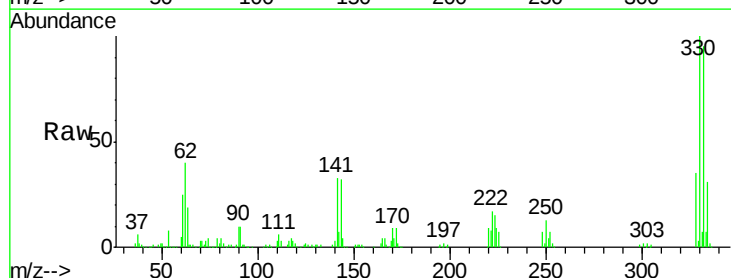


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

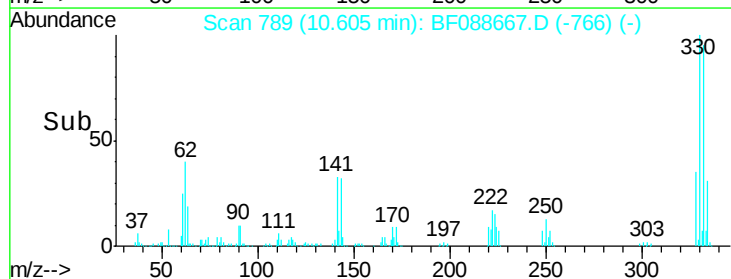
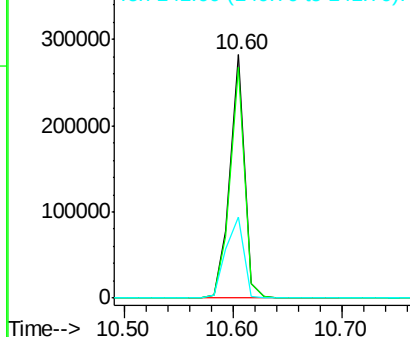


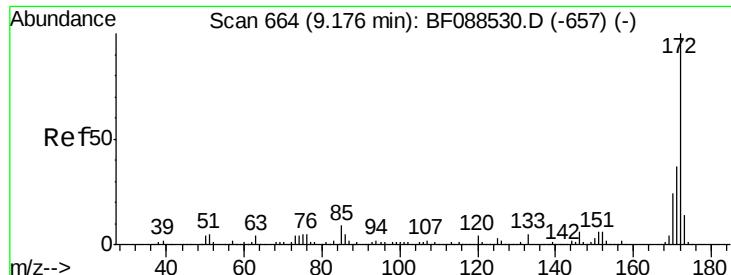
#41
2,4,6-Tribromophenol
Concen: 124.63 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088667.D
Acq: 4 Jul 2016 00:47

Tgt Ion:330 Resp: 263082
Ion Ratio Lower Upper
330 100
332 94.5 0.0 0.0#
141 41.1 0.0 0.0#



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

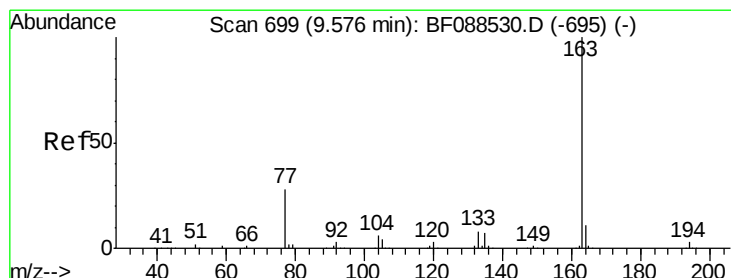
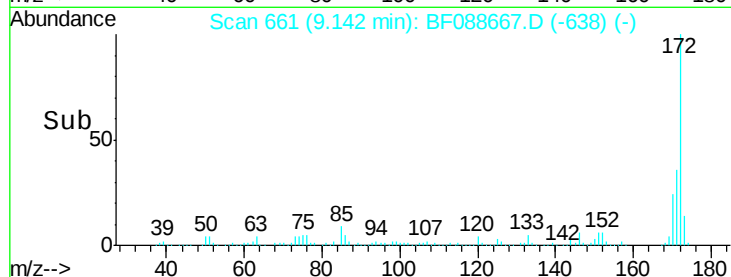
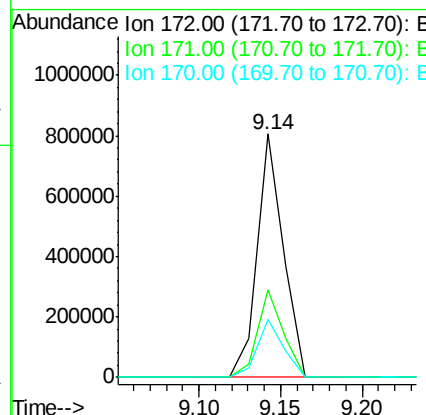
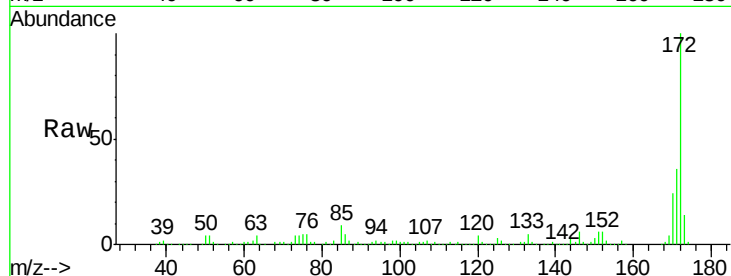




#44
2-Fluorobiphenyl
Concen: 62.05 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF088667.D
Acq: 4 Jul 2016 00:47

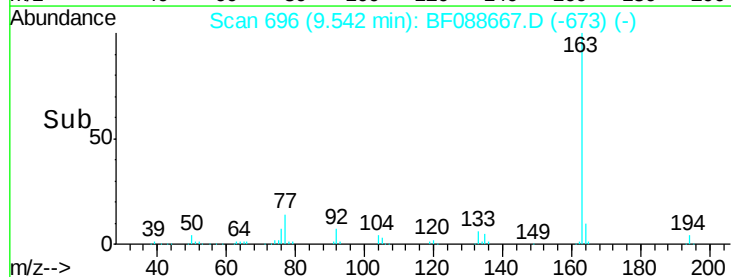
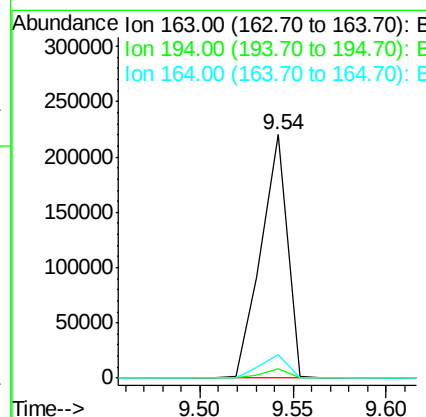
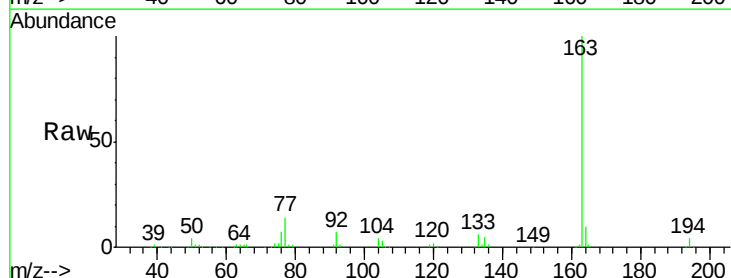
Instrument :
BNA_F
ClientSampleId :

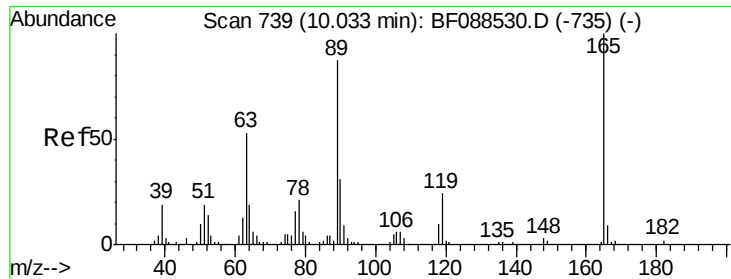
Tot Ion:172 Resp: 892986
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.0 19.2 28.8



#49
Dimethylphthalate
Concen: 13.30 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088667.D
Acq: 4 Jul 2016 00:47

Tgt Ion:163 Resp: 215375
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.7 8.3 12.5

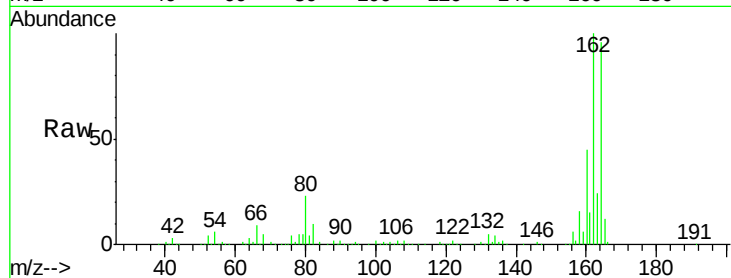




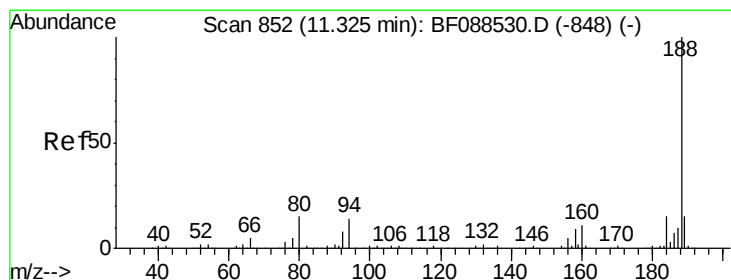
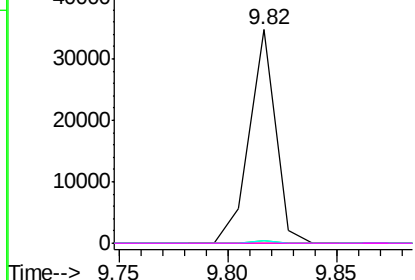
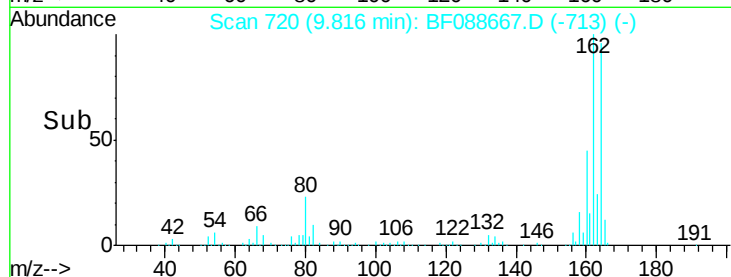
#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.22 min
 Lab File: BF088667.D
 Acq: 4 Jul 2016 00:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 29134
 Ion Ratio Lower Upper
 165 100
 63 1.4 22.0 33.0#
 89 1.5 41.1 61.7#
 182 0.0 2.0 3.0#

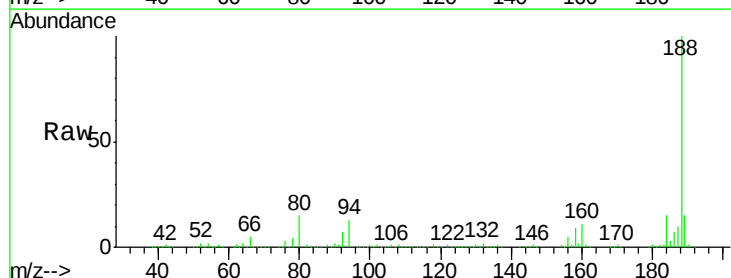


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

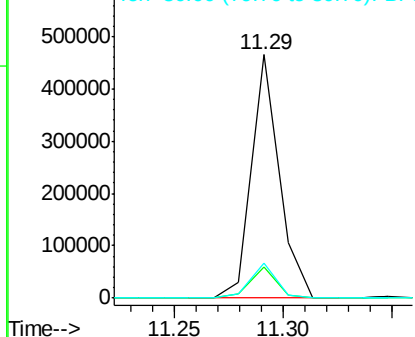
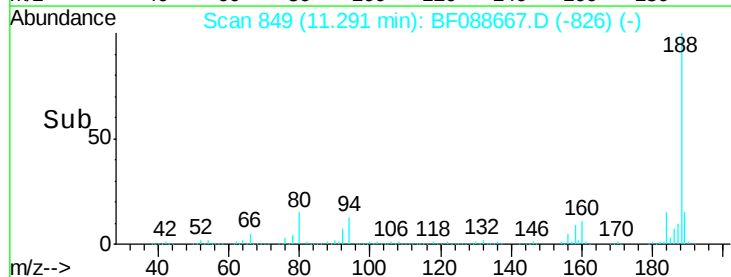


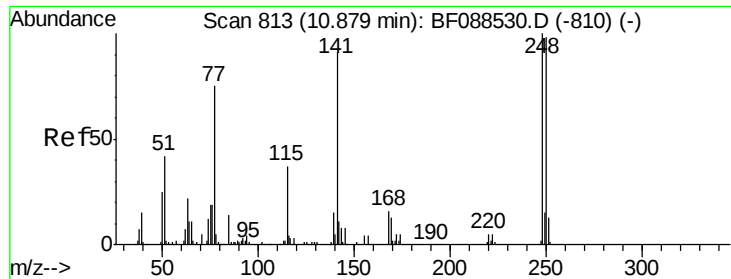
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BF088667.D
 Acq: 4 Jul 2016 00:47

Tgt Ion:188 Resp: 412313
 Ion Ratio Lower Upper
 188 100
 94 12.7 9.0 13.6
 80 14.6 10.0 15.0



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

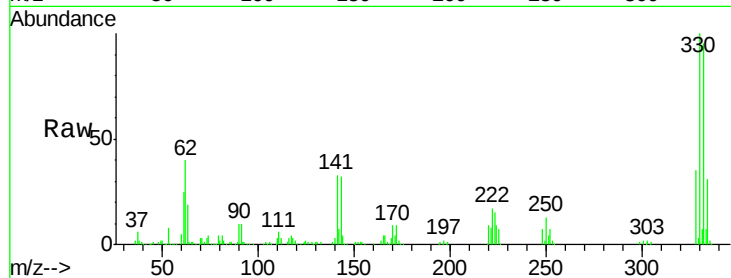




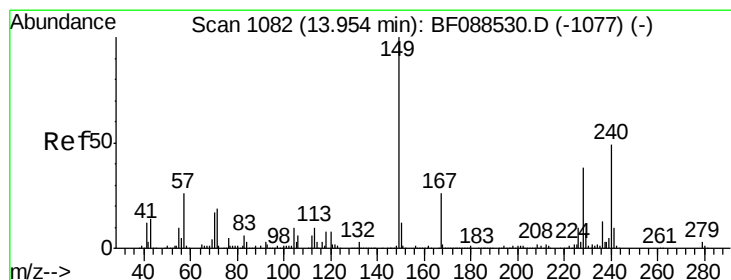
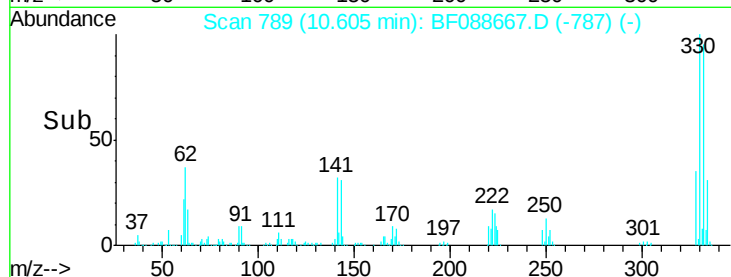
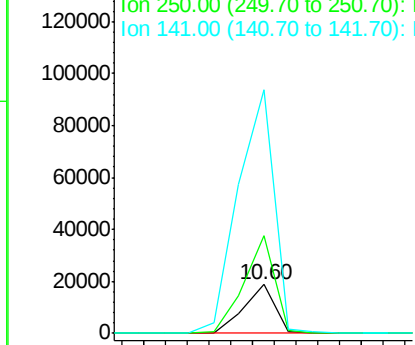
#66
4-Bromophenyl-phenylether
Concen: 4.45 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088667.D
Acq: 4 Jul 2016 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 18499
Ion Ratio Lower Upper
248 100
250 200.9 77.1 115.7#
141 501.5 50.6 76.0#

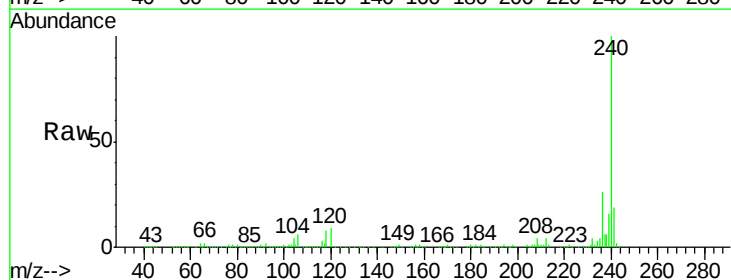


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

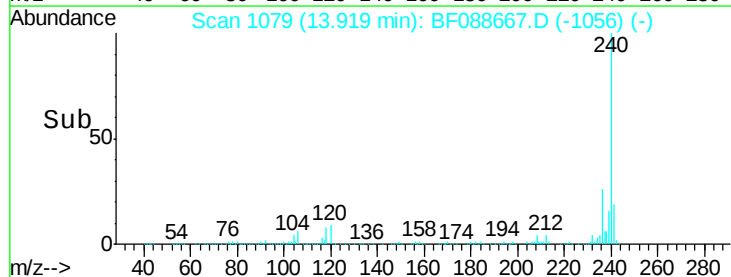
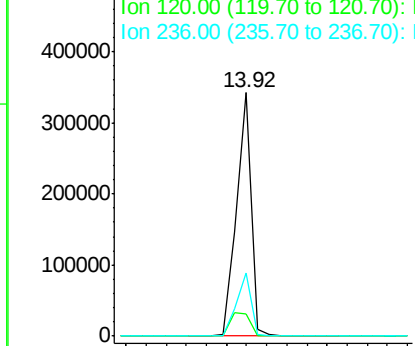


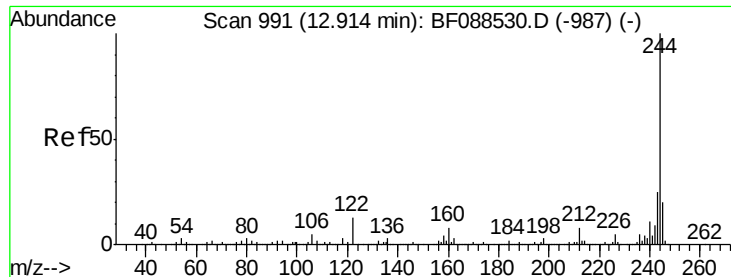
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088667.D
Acq: 4 Jul 2016 00:47

Tgt Ion:240 Resp: 346127
Ion Ratio Lower Upper
240 100
120 9.3 6.8 10.2
236 26.0 20.2 30.2



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

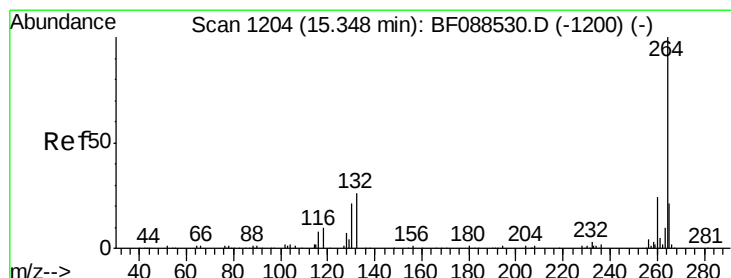
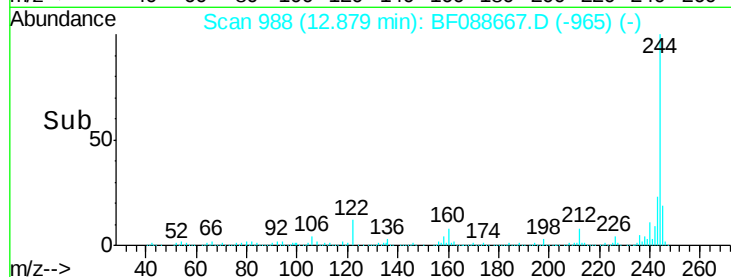
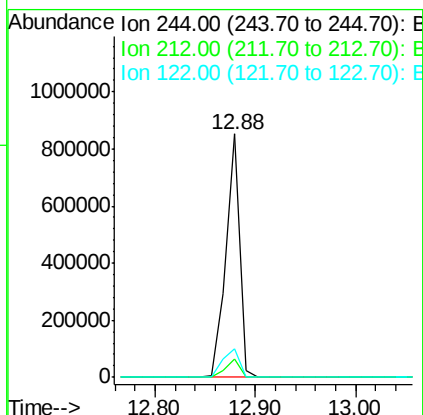
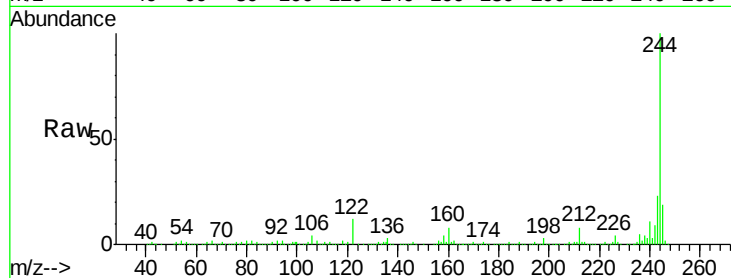




#78
 Terphenyl-d14
 Concen: 52.03 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088667.D
 Acq: 4 Jul 2016 00:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 808510
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 11.6 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088667.D
 Acq: 4 Jul 2016 00:47

Tgt Ion:264 Resp: 270944
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.7 16.9 25.3

