

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088664.D
 Acq On : 3 Jul 2016 23:19
 Operator : UM/SJ
 Sample : H3817-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:01:54 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

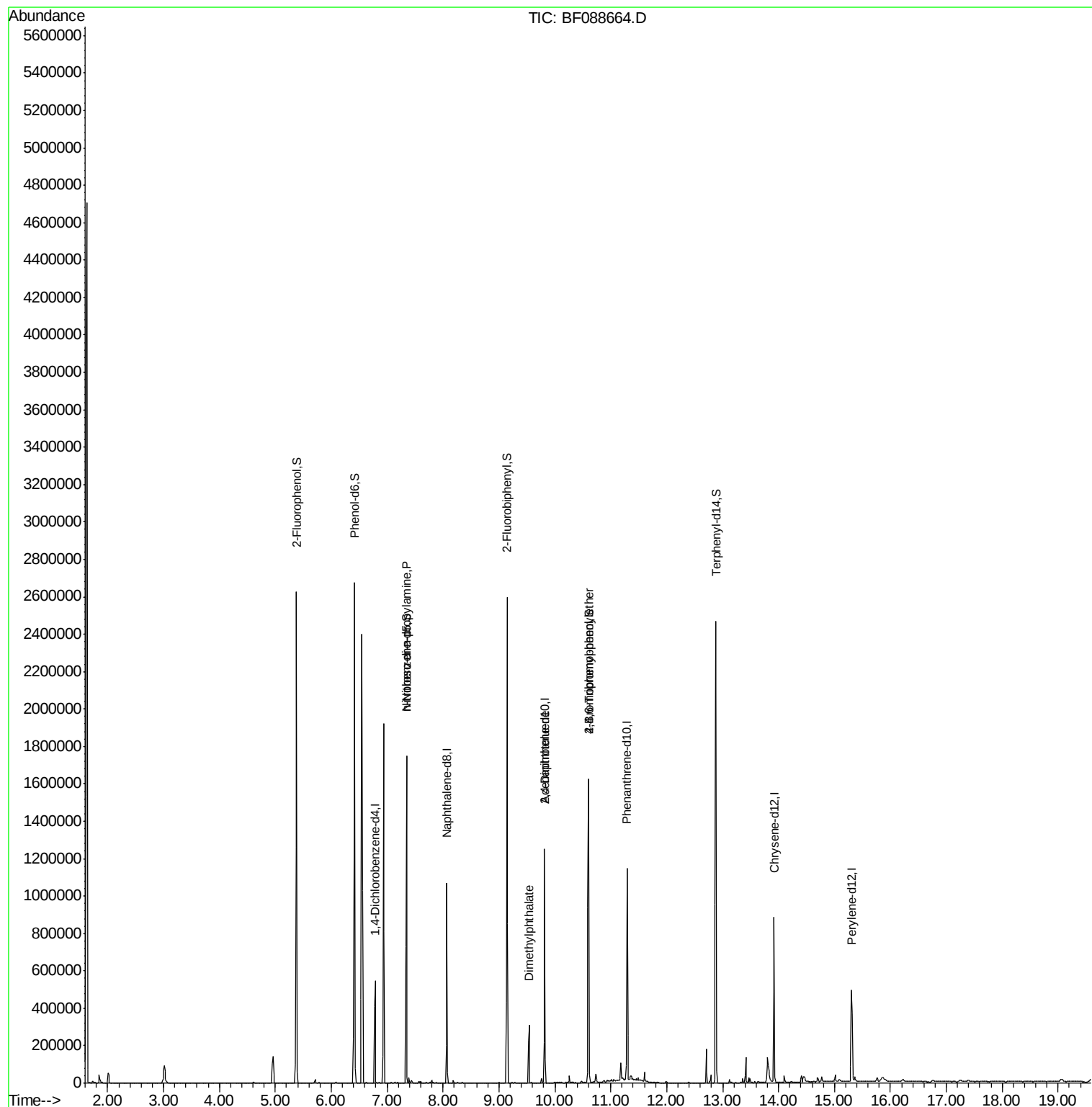
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	109703	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	440235	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	225515	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	380339	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	336927	20.00	ng	-0.03
86) Perylene-d12	15.30	264	245039	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	780390	106.61	ng	-0.02
7) Phenol-d6	6.42	99	1100698	116.38	ng	-0.02
23) Nitrobenzene-d5	7.35	82	622691	74.12	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	224016	106.97	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	891886	62.47	ng	-0.03
78) Terphenyl-d14	12.88	244	758900	50.17	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	85055	13.39	ng	# 73
49) Dimethylphthalate	9.54	163	172717	10.75	ng	98
56) 2,4-Dinitrotoluene	9.82	165	28725	6.17	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	15454	4.03	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088664.D
Acq On : 3 Jul 2016 23:19
Operator : UM/SJ
Sample : H3817-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 04 05:01:54 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



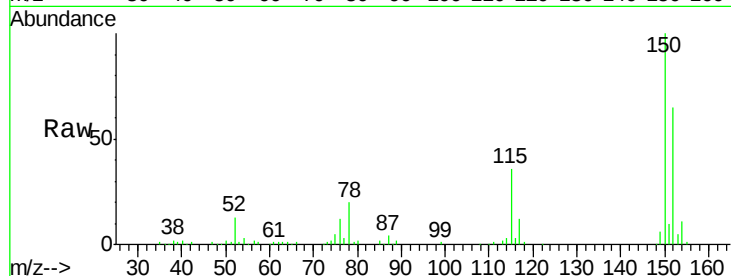


#1

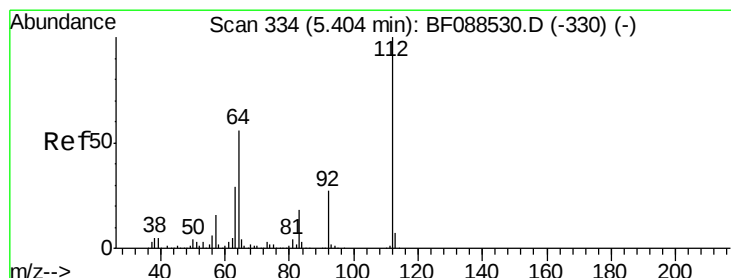
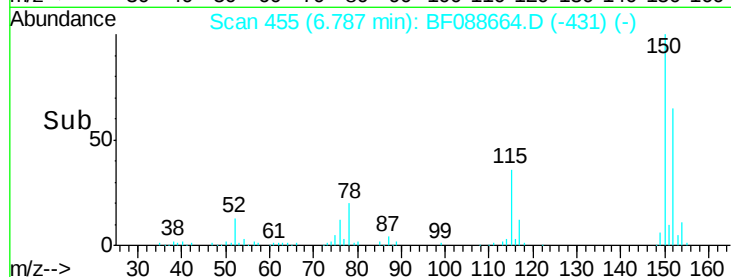
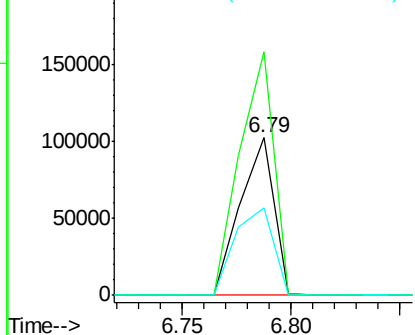
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088664.D
Acq: 3 Jul 2016 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.8	185.6
115	55.1	39.6	59.4



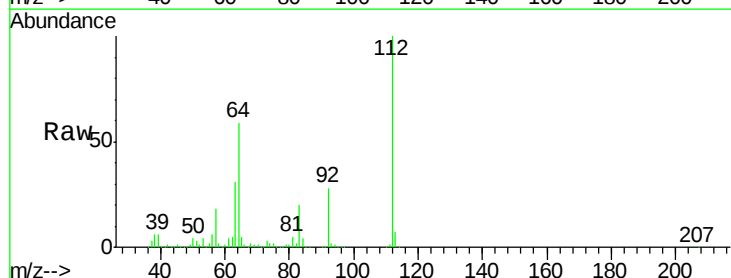
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



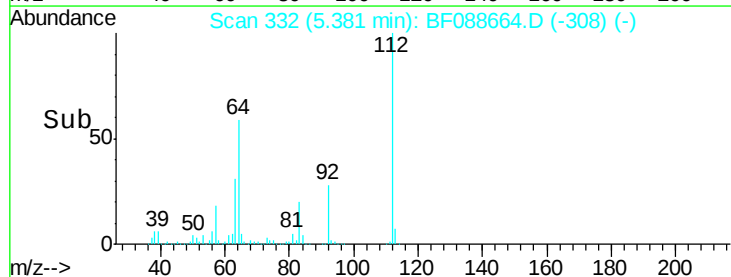
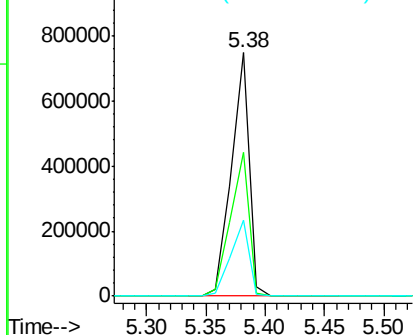
#5

2-Fluorophenol
Concen: 106.61 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088664.D
Acq: 3 Jul 2016 23:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	42.2	63.2
63	31.2	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: 116.38 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088664.D

Acq: 3 Jul 2016 23:19

Instrument :

BNA_F

ClientSampleId :

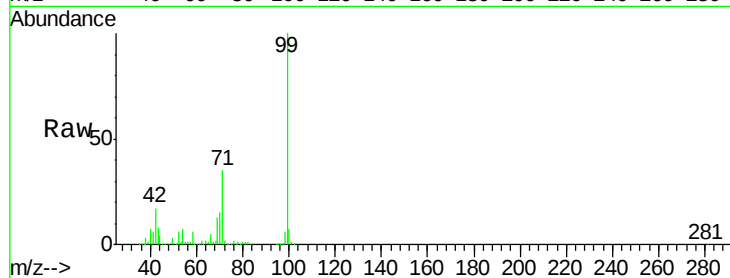
Tot Ion: 99 Resp: 1100698

Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

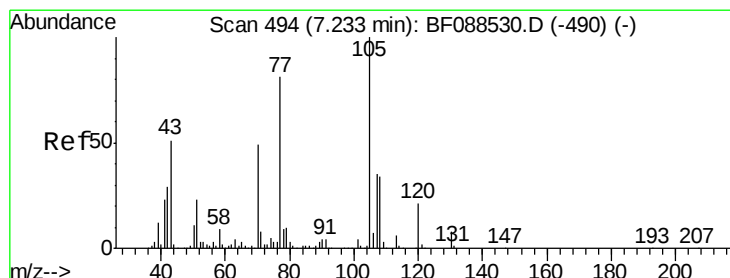
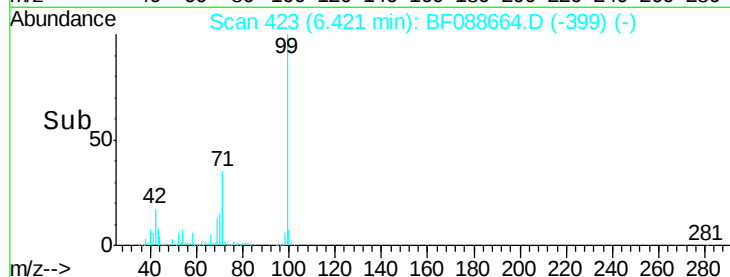
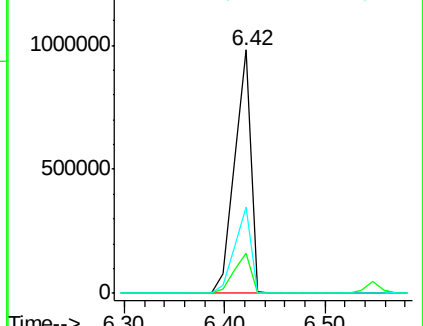
71 35.4 23.4 35.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.39 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088664.D

Acq: 3 Jul 2016 23:19

Tgt Ion: 70 Resp: 85055

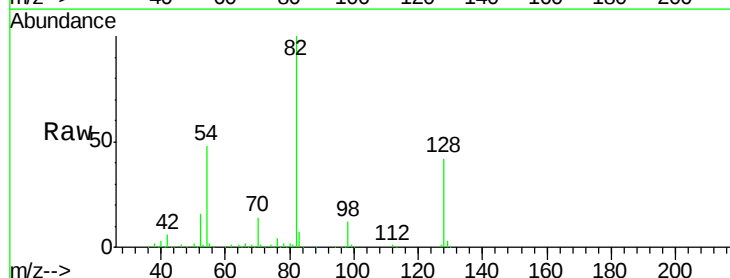
Ion Ratio Lower Upper

70 100

42 44.1 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

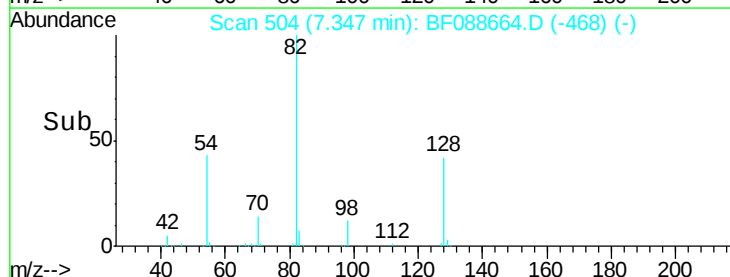
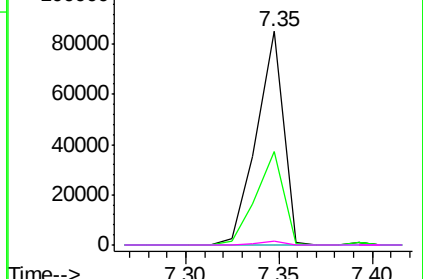


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088664.D

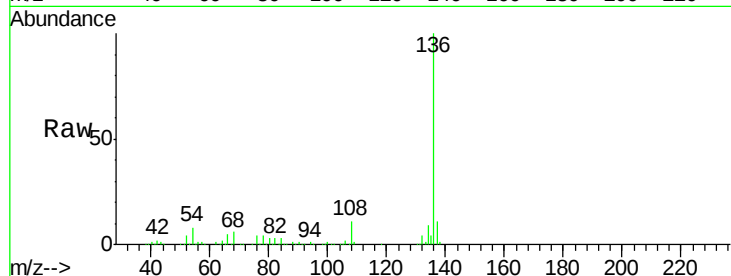
Acq: 3 Jul 2016 23:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	440235
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	7.6	6.6 10.0
68	6.4	5.1 7.7

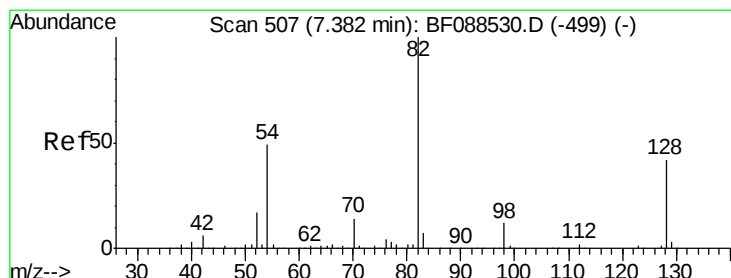
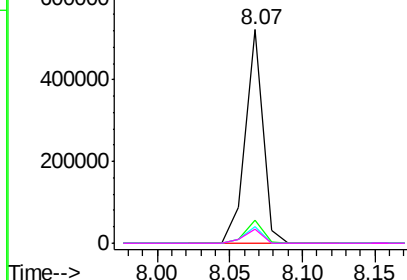
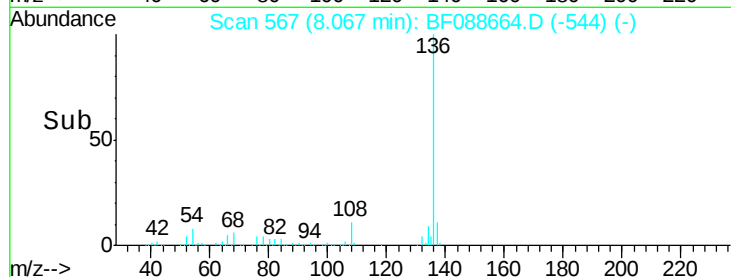


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.12 ng

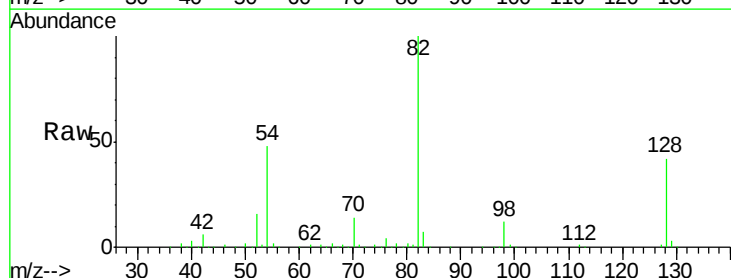
RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088664.D

Acq: 3 Jul 2016 23:19

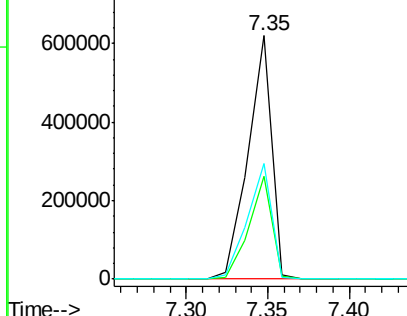
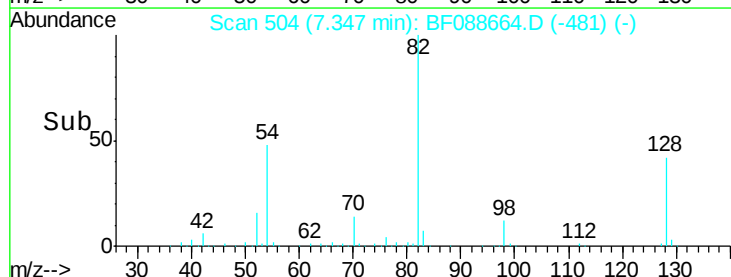
Tgt Ion: 82	Resp:	622691
Ion Ratio	Lower	Upper
82	100	
128	42.3	35.9 53.9
54	47.7	40.9 61.3

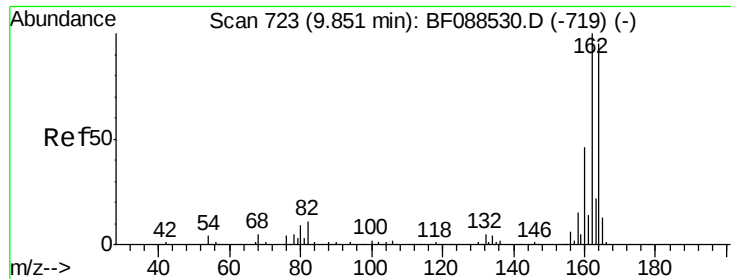


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF088664.D

Acq: 3 Jul 2016 23:19

Instrument :

BNA_F

ClientSampleId :

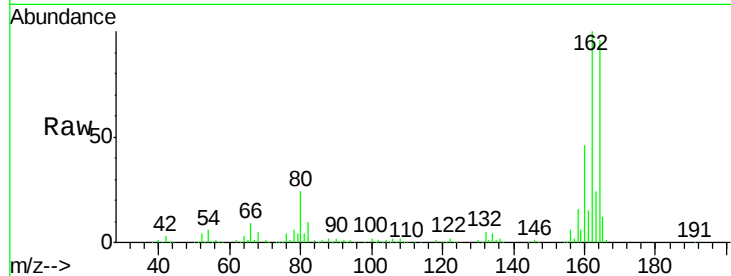
Tot Ion:164 Resp: 225515

Ion Ratio Lower Upper

164 100

162 104.5 85.4 128.2

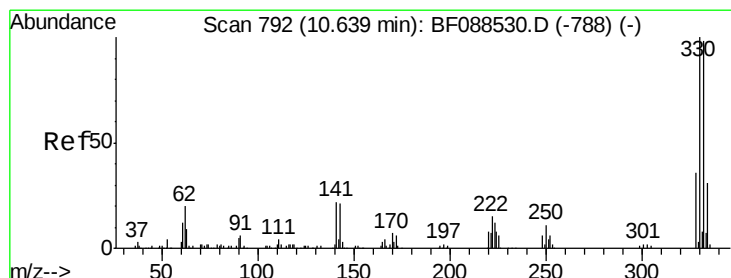
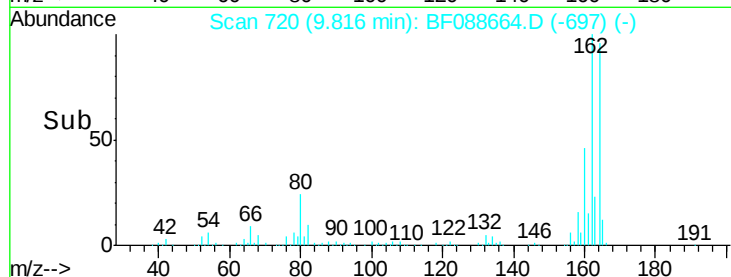
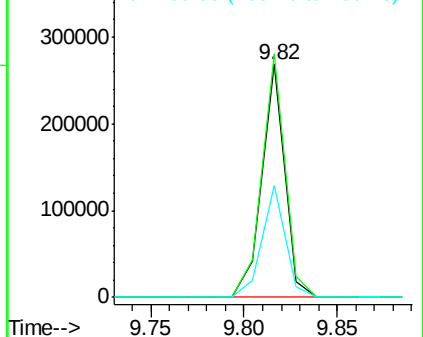
160 47.7 39.5 59.3



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: 106.97 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF088664.D

Acq: 3 Jul 2016 23:19

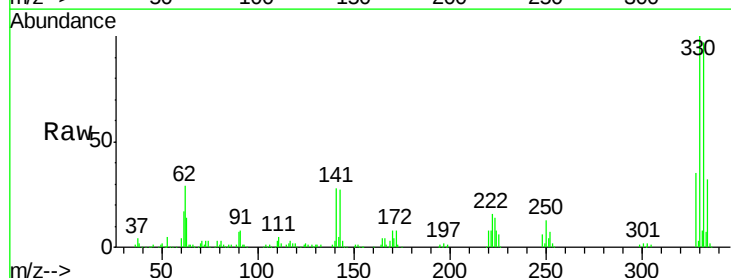
Tgt Ion:330 Resp: 224016

Ion Ratio Lower Upper

330 100

332 96.9 0.0 0.0#

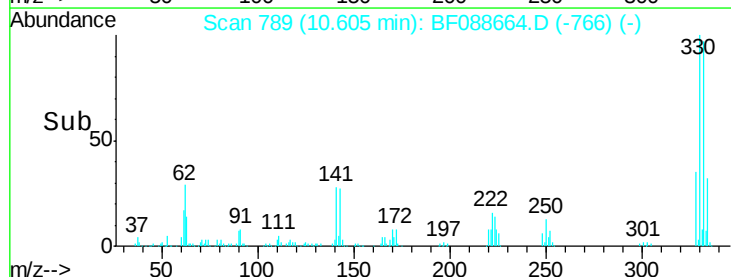
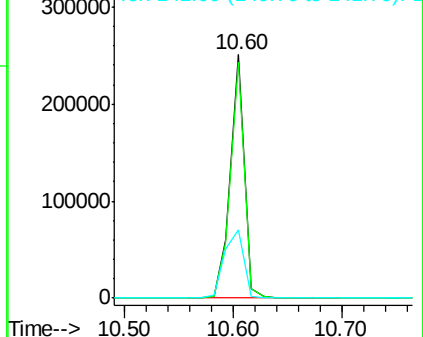
141 38.5 0.0 0.0#

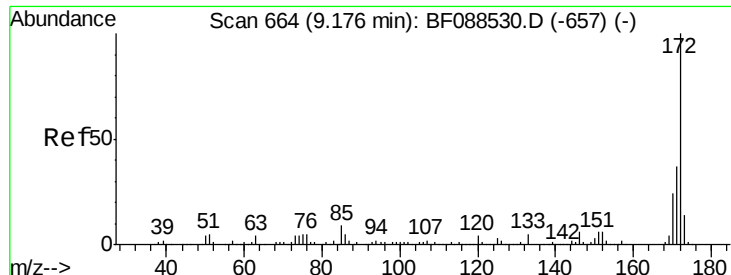


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

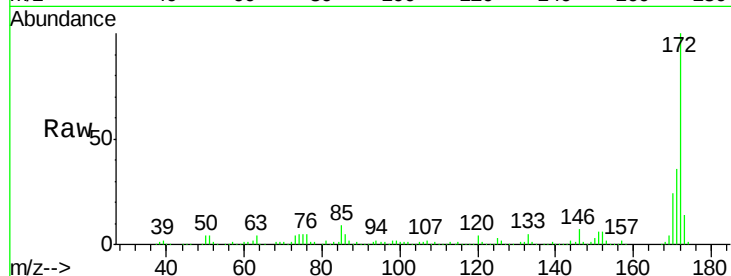




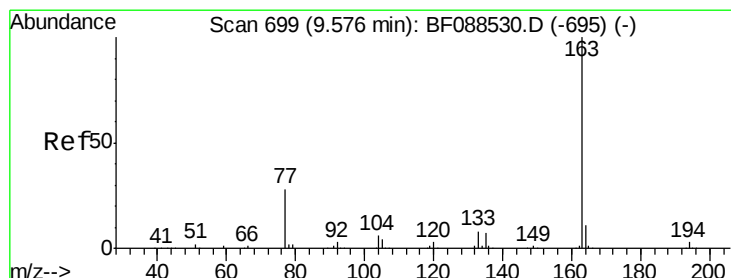
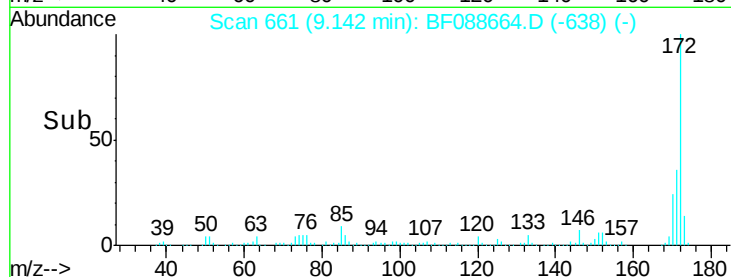
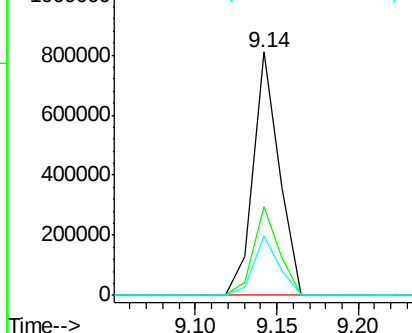
#44
2-Fluorobiphenyl
Concen: 62.47 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF088664.D
Acq: 3 Jul 2016 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 891886
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.4 19.2 28.8

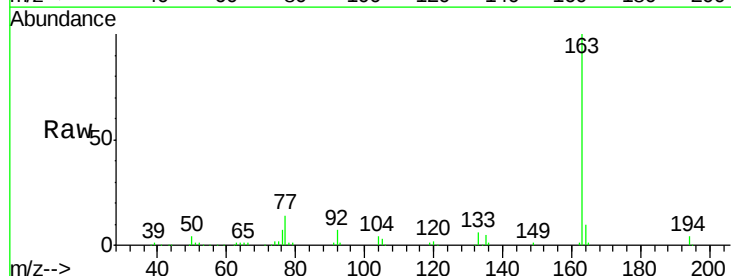


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

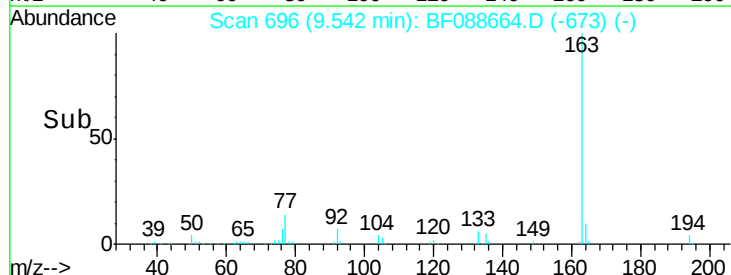
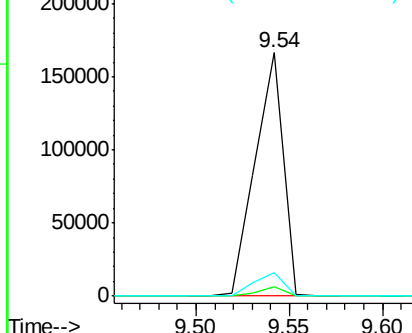


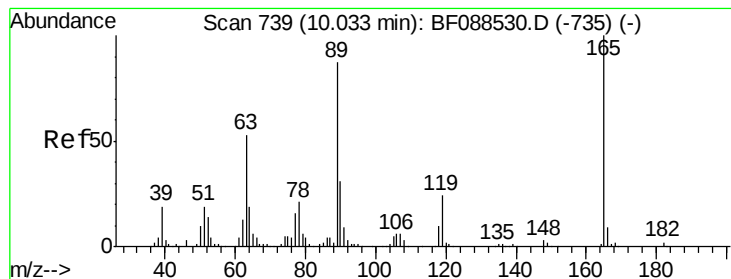
#49
Dimethylphthalate
Concen: 10.75 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088664.D
Acq: 3 Jul 2016 23:19

Tgt Ion:163 Resp: 172717
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.7 8.3 12.5



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

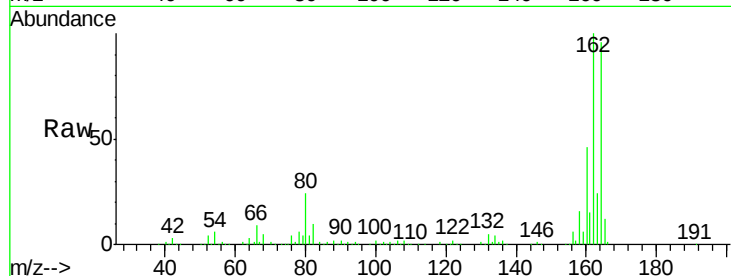




#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.22 min
 Lab File: BF088664.D
 Acq: 3 Jul 2016 23:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#

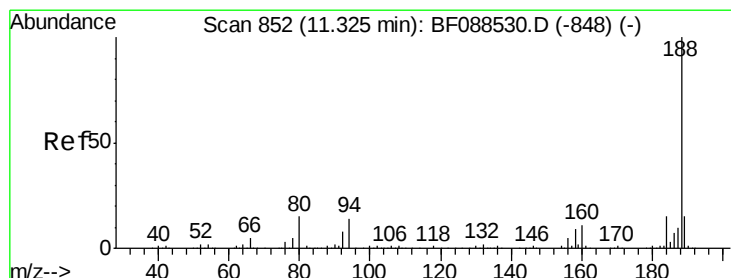
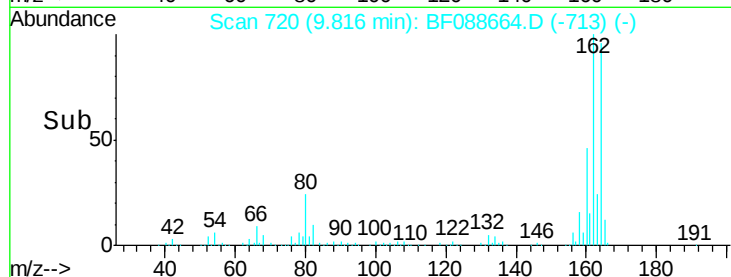
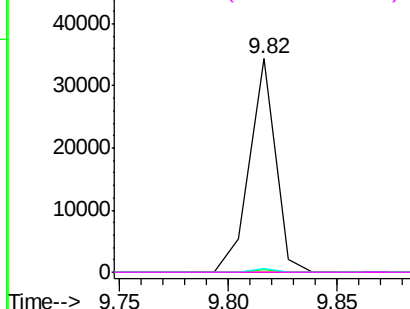


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

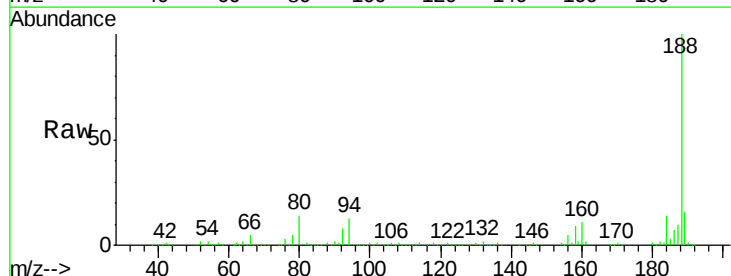
Ion 89.00 (88.70 to 89.70): BF0

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: BF088664.D
 Acq: 3 Jul 2016 23:19

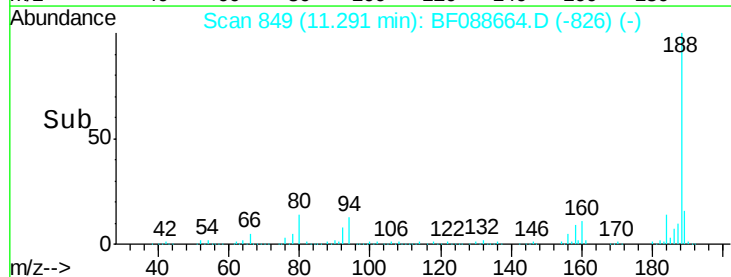
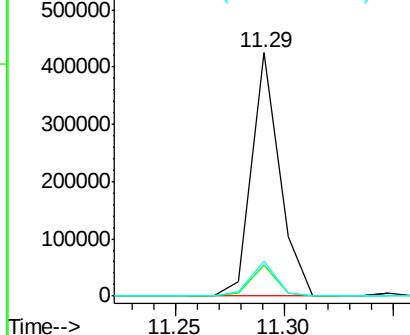
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.0	13.6
80	14.4	10.0	15.0

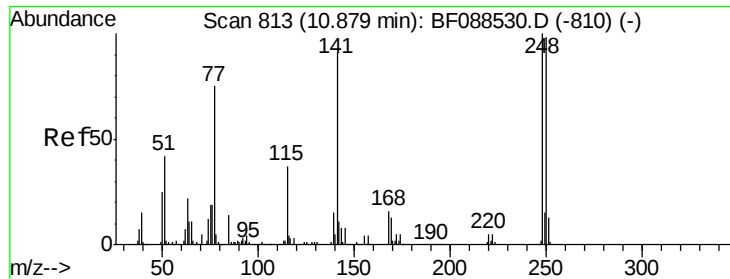


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

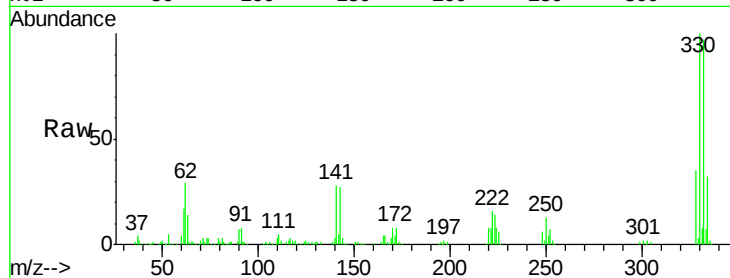




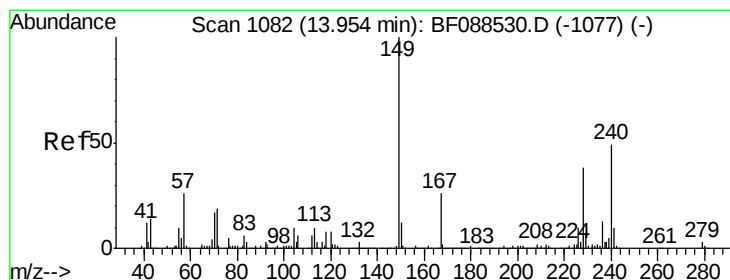
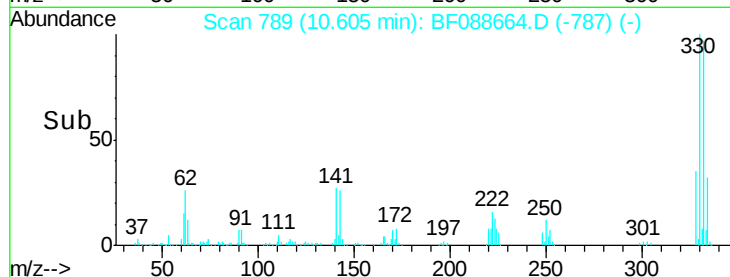
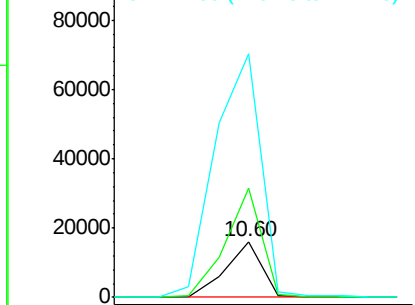
#66
4-Bromophenyl-phenylether
Concen: 4.03 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088664.D
Acq: 3 Jul 2016 23:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15454
Ion Ratio Lower Upper
248 100
250 196.6 77.1 115.7#
141 436.5 50.6 76.0#

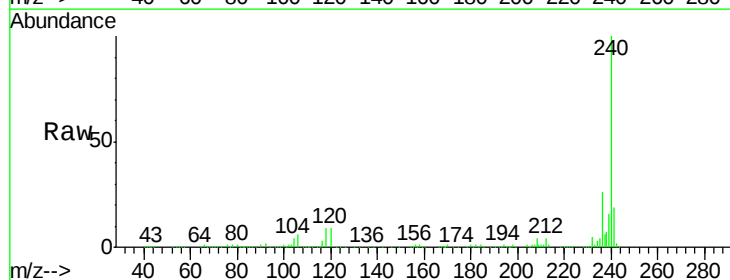


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

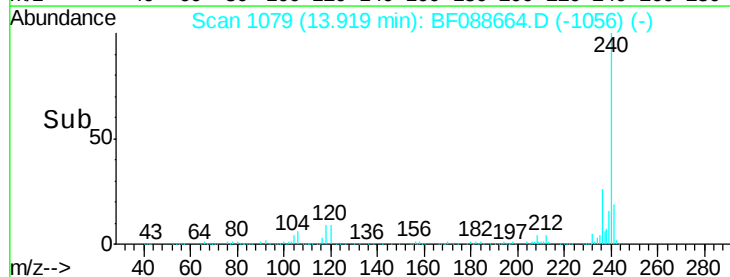
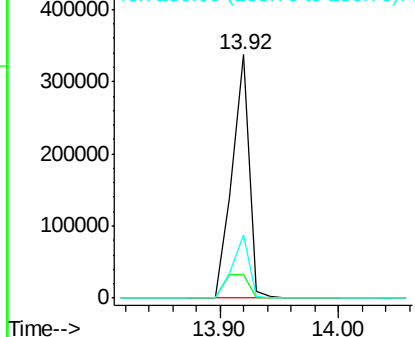


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088664.D
Acq: 3 Jul 2016 23:19

Tgt Ion:240 Resp: 336927
Ion Ratio Lower Upper
240 100
120 9.4 6.8 10.2
236 26.1 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

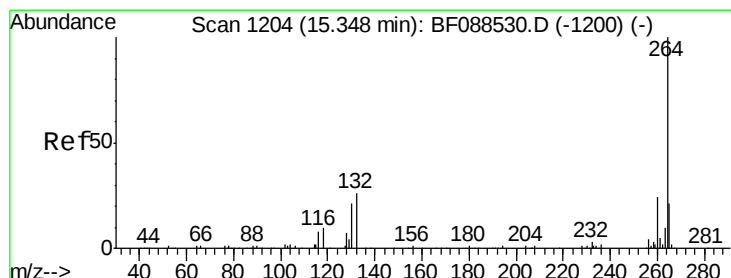
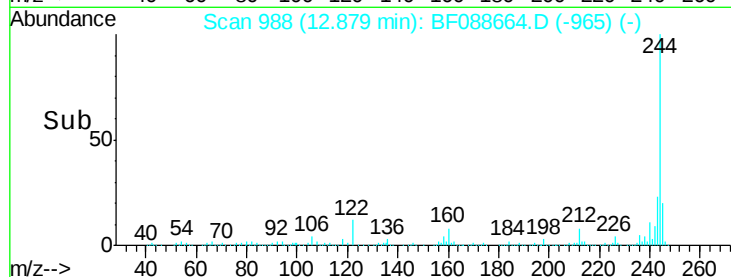
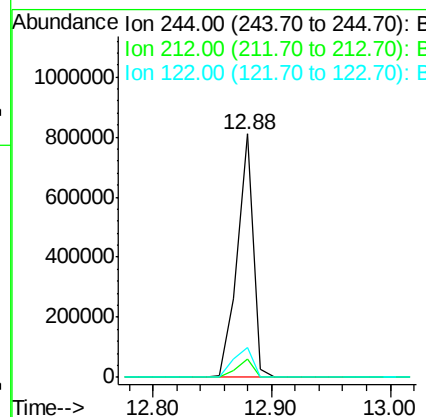
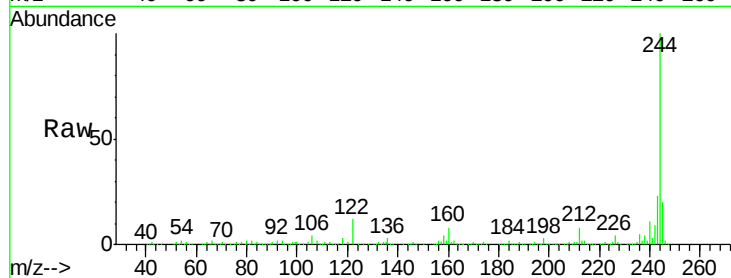




#78
 Terphenyl-d14
 Concen: 50.17 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088664.D
 Acq: 3 Jul 2016 23:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 758900
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 12.1 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. -0.05 min
 Lab File: BF088664.D
 Acq: 3 Jul 2016 23:19

Tgt Ion:264 Resp: 245039
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.7 16.9 25.3

