

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088158.D
 Acq On : 19 Jun 2016 3:18
 Operator : UM/SJ
 Sample : H3628-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Quant Time: Jun 19 07:54:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

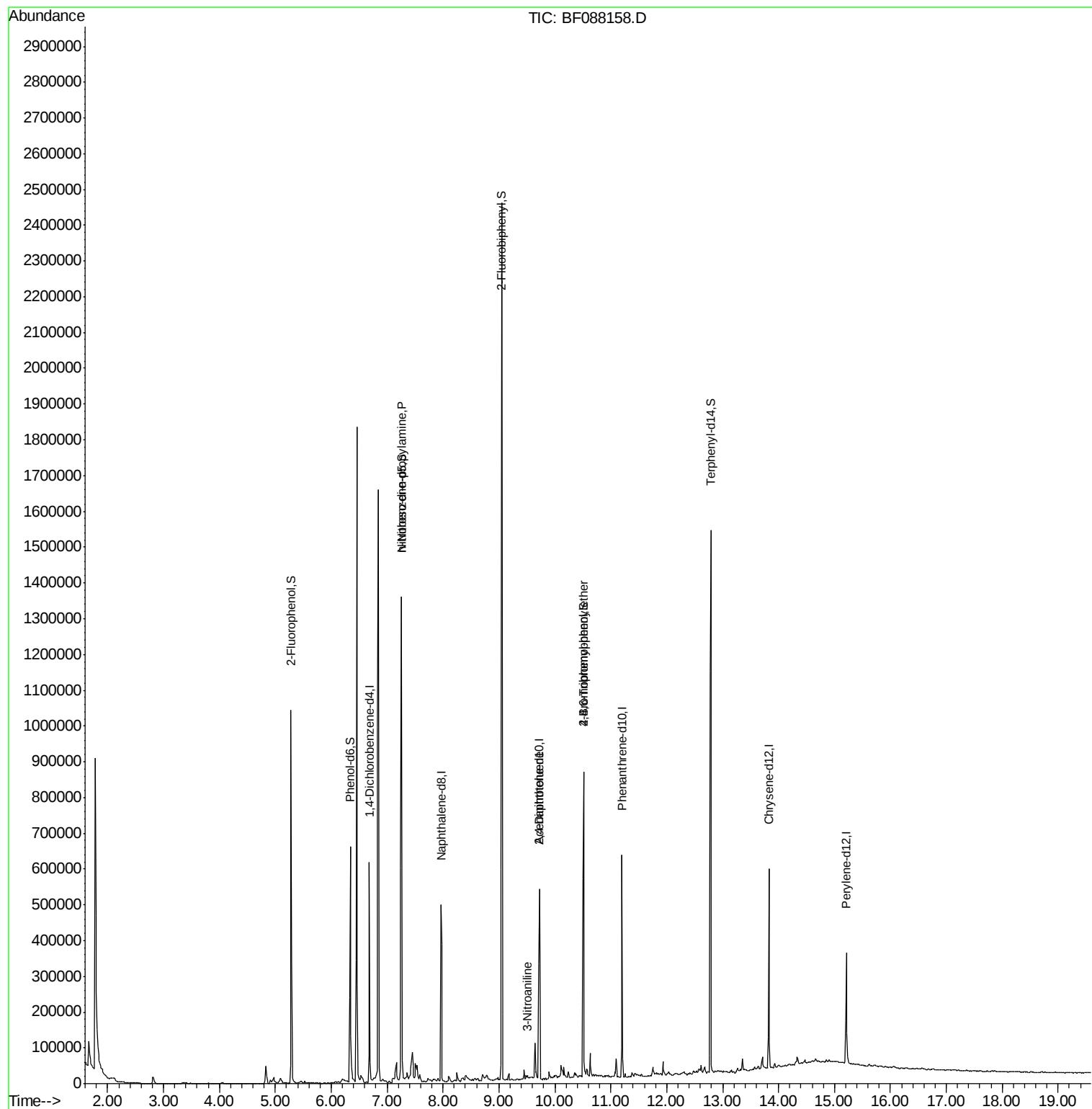
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	92732	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	322175	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	127977	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	208360	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	172561	20.00	ng	-0.02
86) Perylene-d12	15.21	264	126248	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	330197	60.87	ng	0.00
7) Phenol-d6	6.34	99	272143	41.40	ng	-0.01
23) Nitrobenzene-d5	7.26	82	493696	89.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	131998	97.68	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	756030	93.35	ng	-0.02
78) Terphenyl-d14	12.79	244	625753	82.52	ng	-0.01
Target Compounds						
10) Phenol	6.35	94	3691	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	66599	15.84 ng	#	70
45) 1,1'-Biphenyl	9.05	154	1599	Below Cal	#	1
52) 3-Nitroaniline	9.51	138	16942	6.92 ng	#	1
56) 2,4-Dinitrotoluene	9.72	165	16133	5.91 ng	#	37
57) Fluorene	10.26	166	231	Below Cal	#	61
66) 4-Bromophenyl-phenylether	10.51	248	8662	3.88 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: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088158.D

Acq: 19 Jun 2016 3:18

Instrument :

BNA_F

ClientSampleId :

W-27

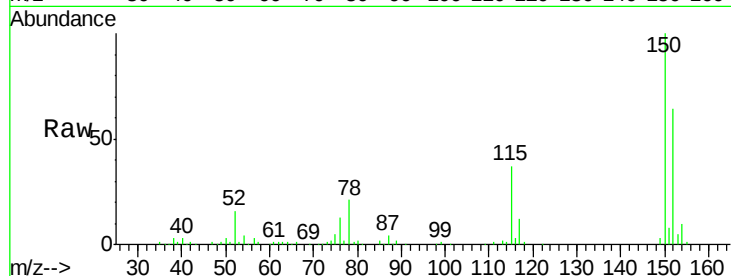
Tgt Ion:152 Resp: 92732

Ion Ratio Lower Upper

152 100

150 155.2 123.8 185.6

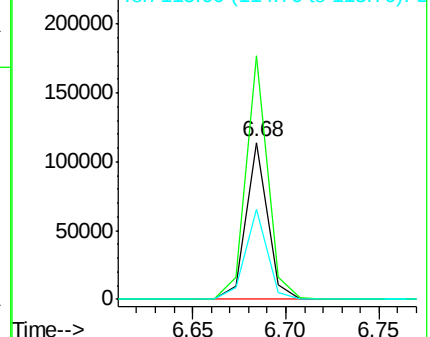
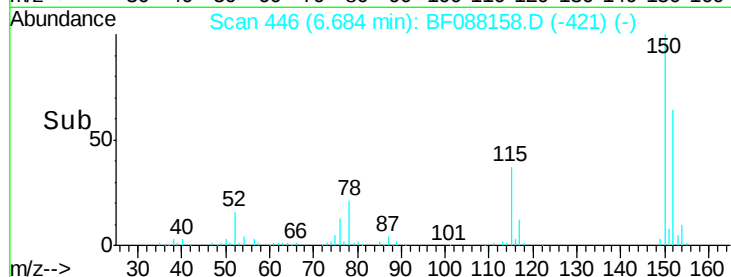
115 57.2 39.6 59.4



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: 60.87 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.00 min

Lab File: BF088158.D

Acq: 19 Jun 2016 3:18

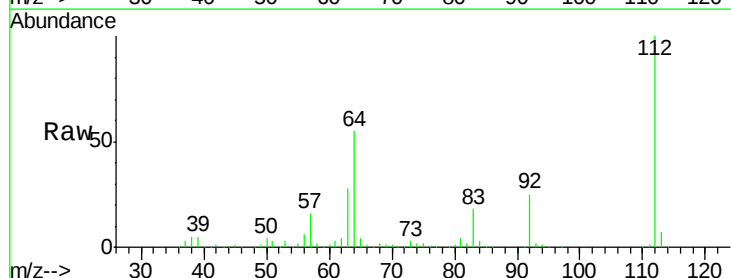
Tgt Ion:112 Resp: 330197

Ion Ratio Lower Upper

112 100

64 55.5 42.2 63.2

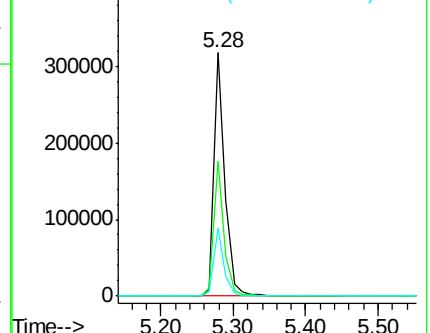
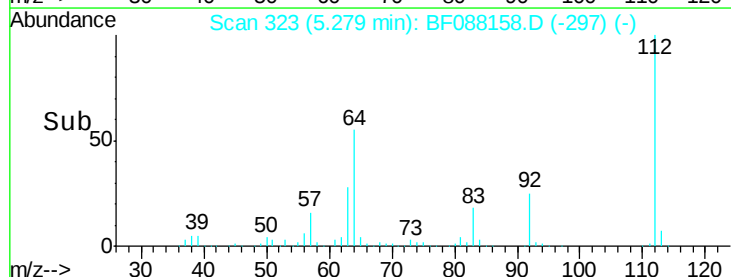
63 28.1 21.8 32.8

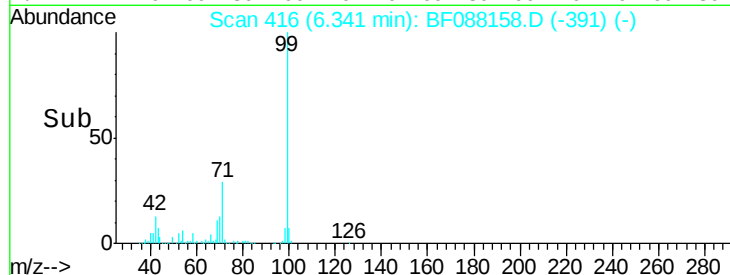
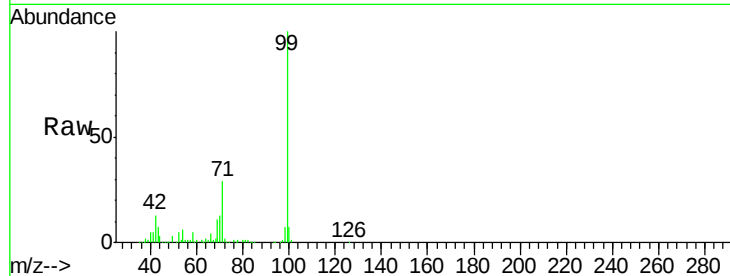


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.40 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088158.D

Acq: 19 Jun 2016 3:18

Instrument :

BNA_F

ClientSampleId :

W-27

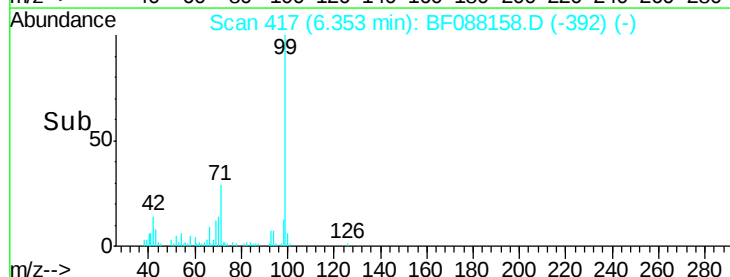
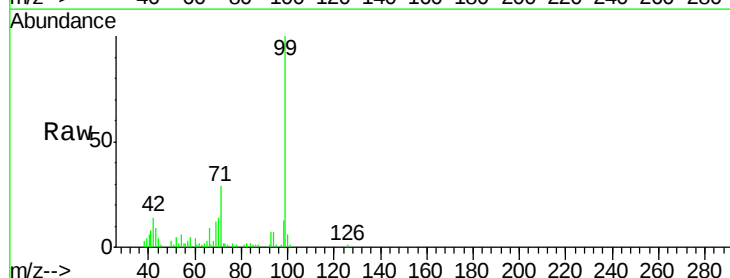
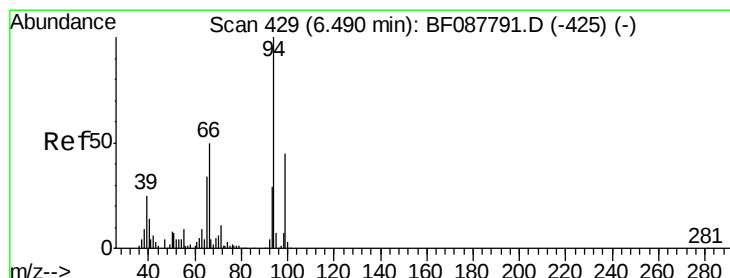
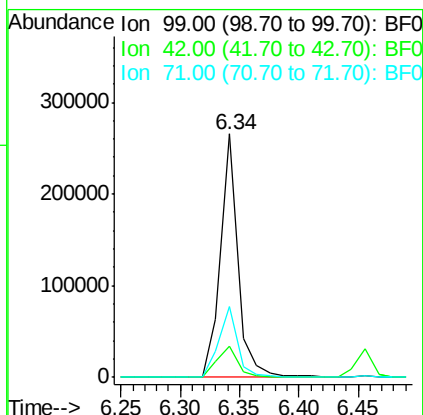
Tgt Ion: 99 Resp: 272143

Ion Ratio Lower Upper

99 100

42 13.0 12.2 18.2

71 29.2 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF088158.D

Acq: 19 Jun 2016 3:18

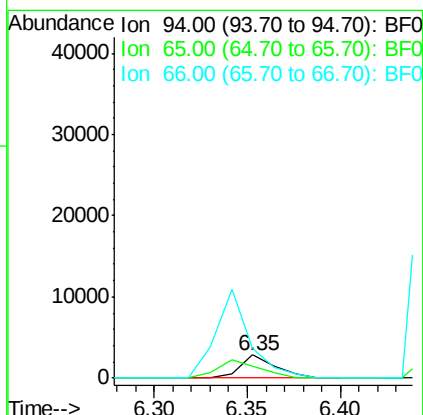
Tgt Ion: 94 Resp: 3691

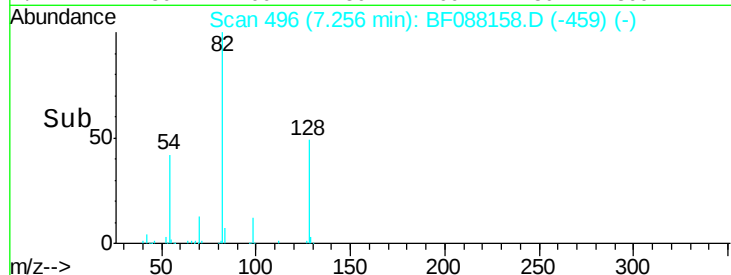
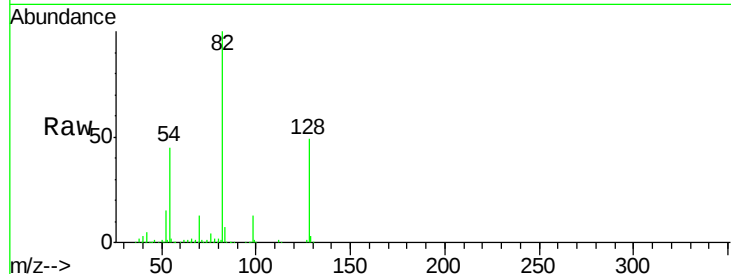
Ion Ratio Lower Upper

94 100

65 50.0 5.9 45.9#

66 129.5 14.0 54.0#

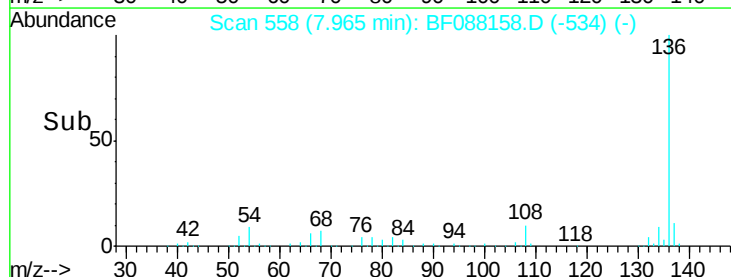
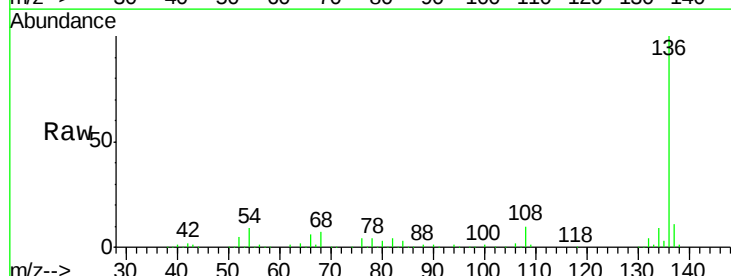
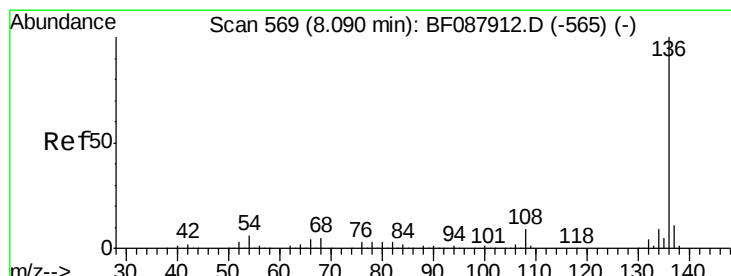
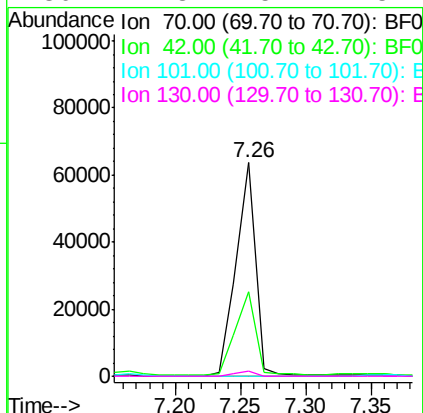




#19
n-Nitroso-di-n-propylamine
Concen: 15.84 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.13 min
Lab File: BF088158.D
Acq: 19 Jun 2016 3:18

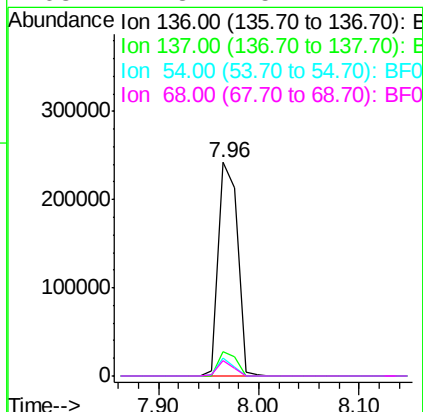
Instrument :
BNA_F
ClientSampleId :
W-27

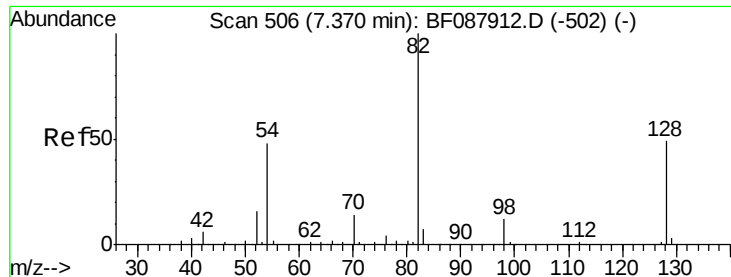
Tgt Ion:	70	Resp:	66599
Ion	Ratio	Lower	Upper
70	100		
42	39.8	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.02 min
Lab File: BF088158.D
Acq: 19 Jun 2016 3:18

Tgt Ion:	136	Resp:	322175
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.6	6.6	10.0
68	7.3	5.1	7.7

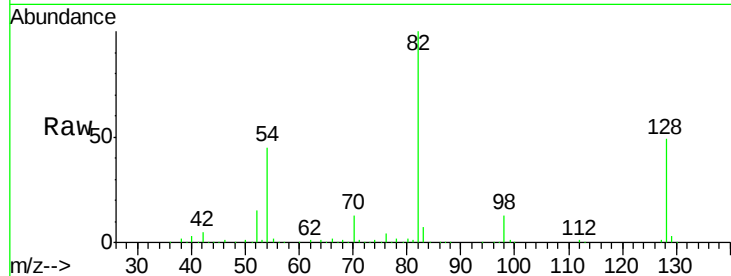




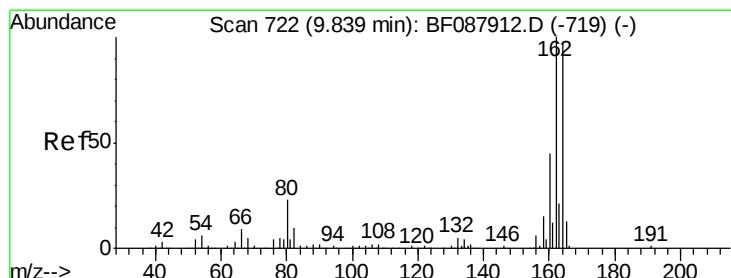
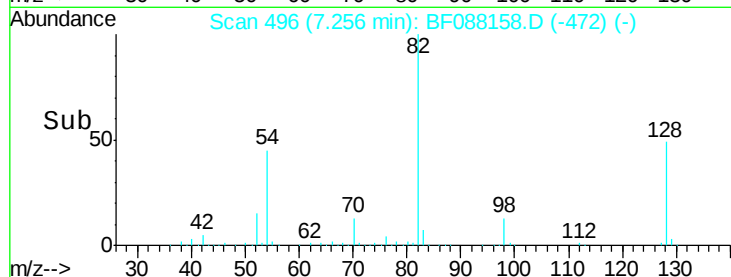
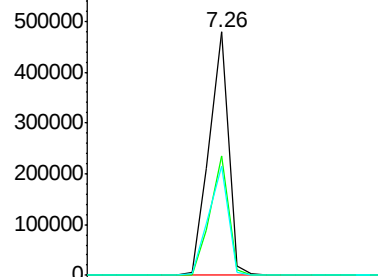
#23
 Nitrobenzene-d5
 Concen: 89.48 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088158.D
 Acq: 19 Jun 2016 3:18

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Tgt Ion: 82 Resp: 493696
 Ion Ratio Lower Upper
 82 100
 128 48.9 35.9 53.9
 54 44.8 40.9 61.3

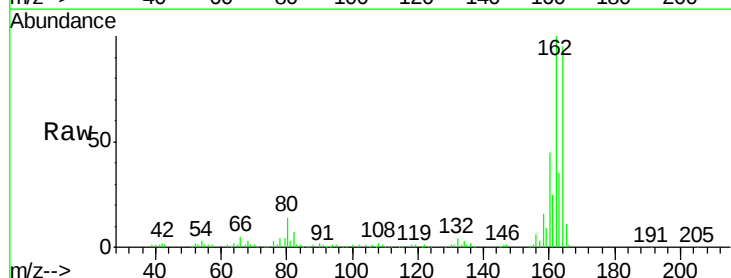


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

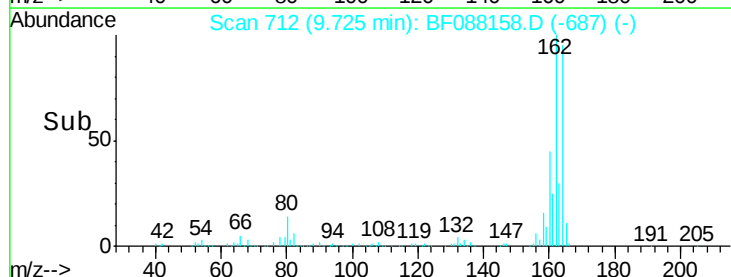
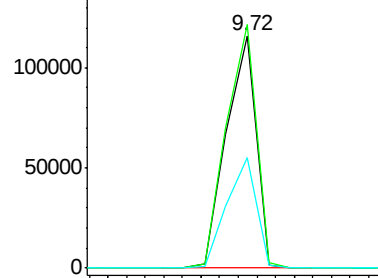


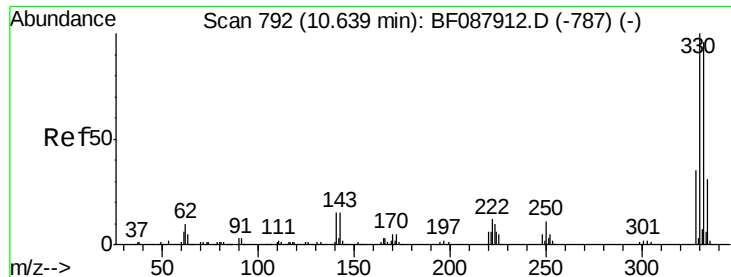
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088158.D
 Acq: 19 Jun 2016 3:18

Tgt Ion: 164 Resp: 127977
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.4 128.2
 160 47.6 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

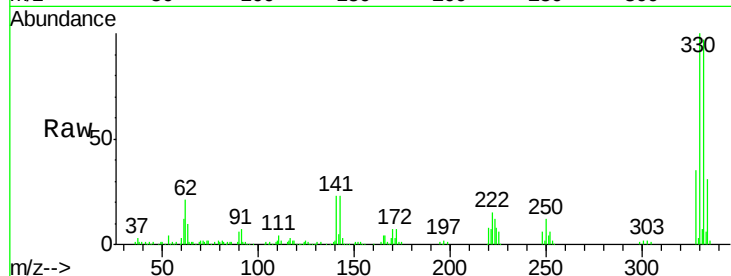




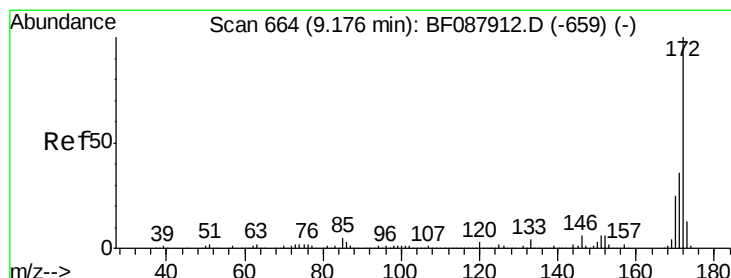
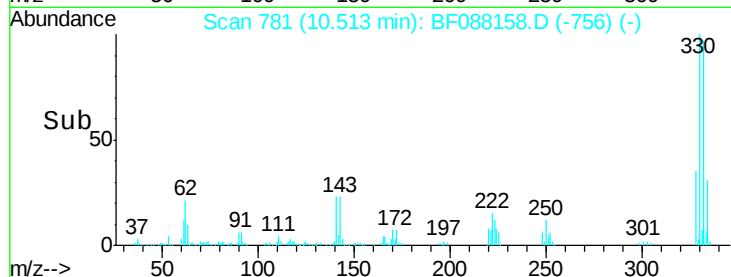
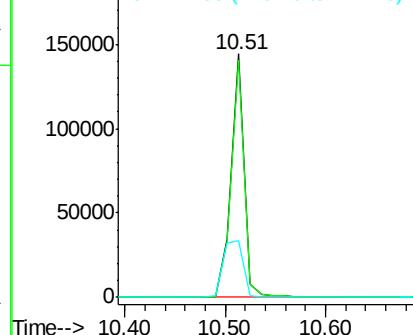
#41
 2,4,6-Tribromophenol
 Concen: 97.68 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088158.D
 Acq: 19 Jun 2016 3:18

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	37.0	0.0	0.0#

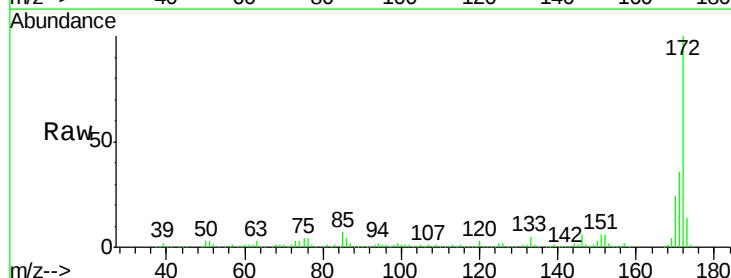


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

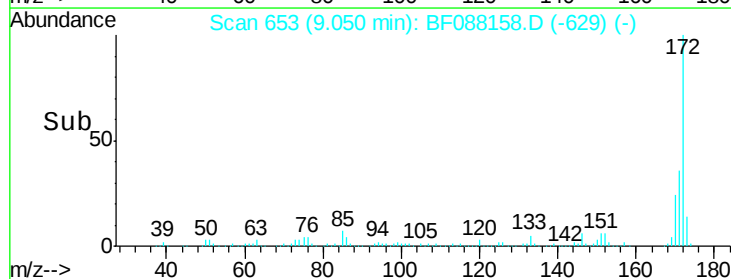
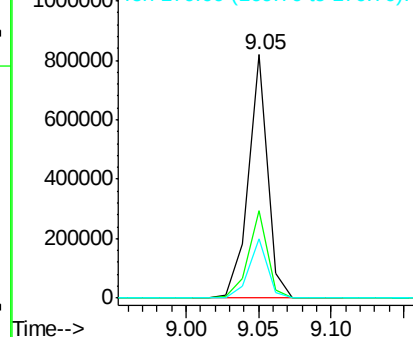


#44
 2-Fluorobiphenyl
 Concen: 93.35 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088158.D
 Acq: 19 Jun 2016 3:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.2	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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.05 min Scan# 653

Delta R.T. -0.11 min

Lab File: BF088158.D

Acq: 19 Jun 2016 3:18

Instrument :

BNA_F

ClientSampleId :

W-27

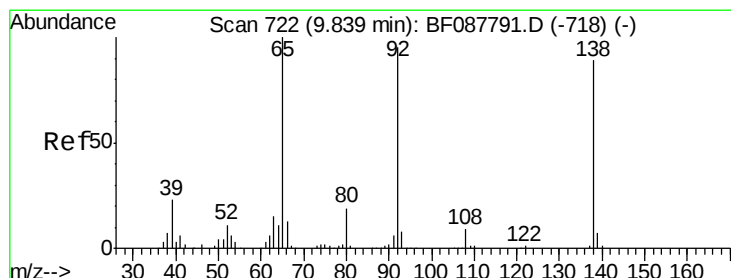
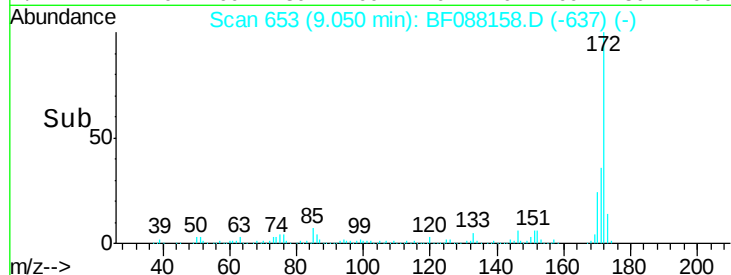
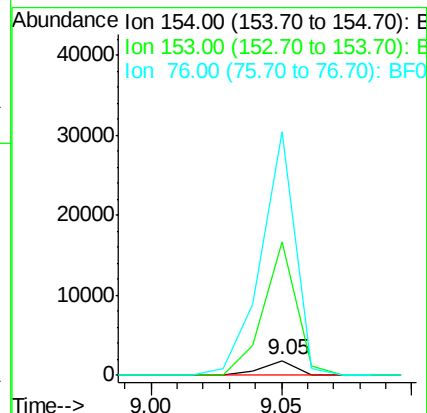
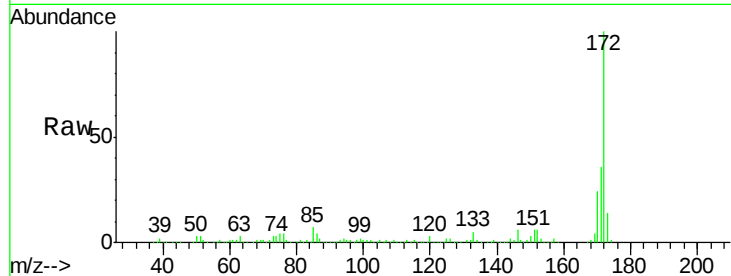
Tgt Ion:154 Resp: 1599

Ion Ratio Lower Upper

154 100

153 907.2 20.6 60.6#

76 1650.8 0.0 35.1#



#52

3-Nitroaniline

Concen: 6.92 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.19 min

Lab File: BF088158.D

Acq: 19 Jun 2016 3:18

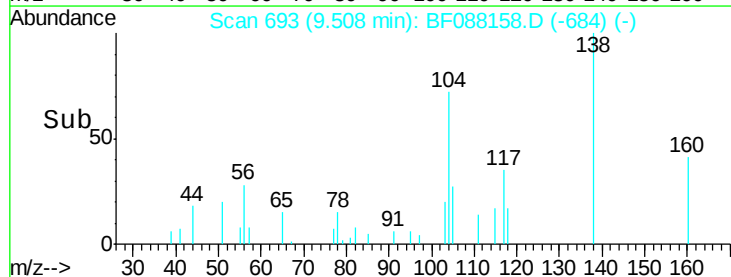
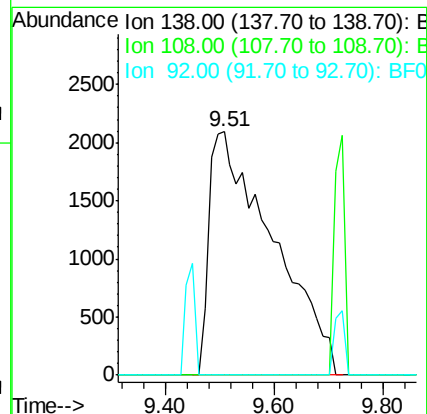
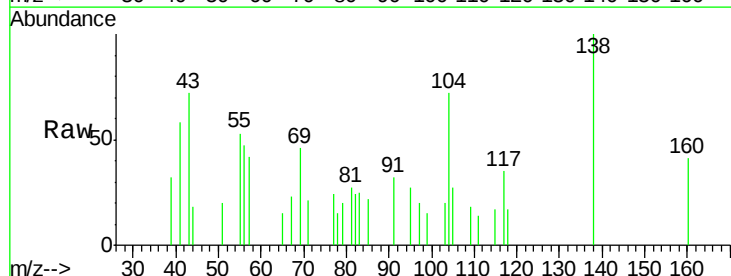
Tgt Ion:138 Resp: 16942

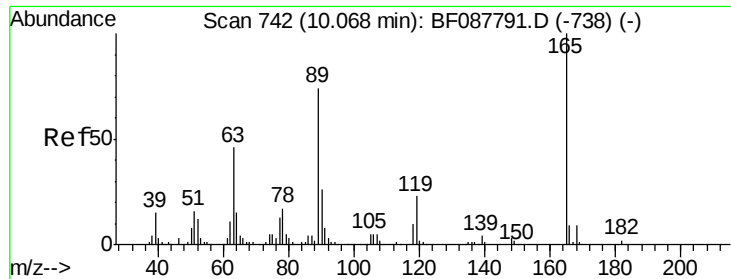
Ion Ratio Lower Upper

138 100

108 0.0 8.5 12.7#

92 0.0 95.7 143.5#

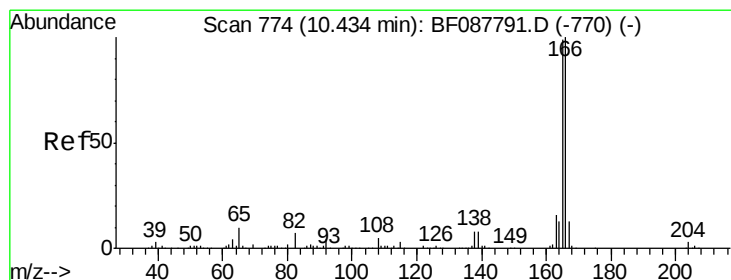
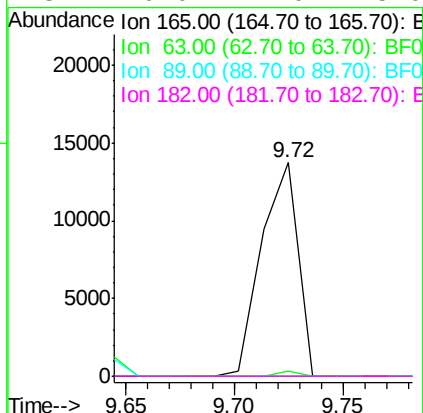
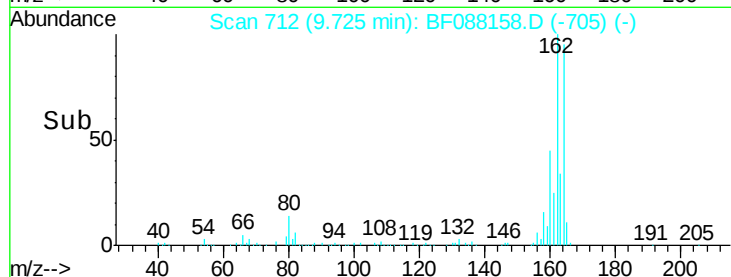
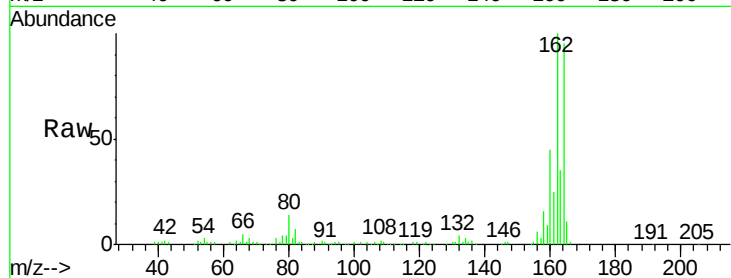




#56
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.22 min
Lab File: BF088158.D
Acq: 19 Jun 2016 3:18

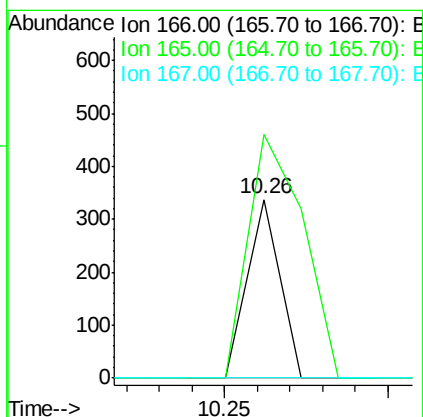
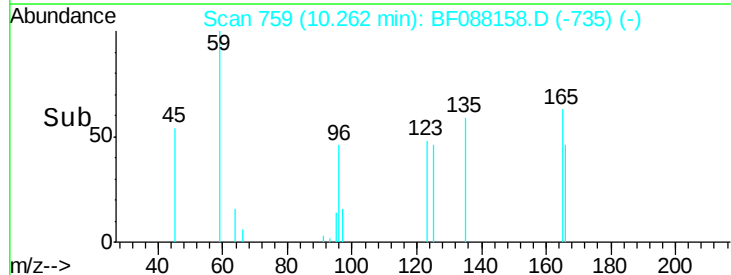
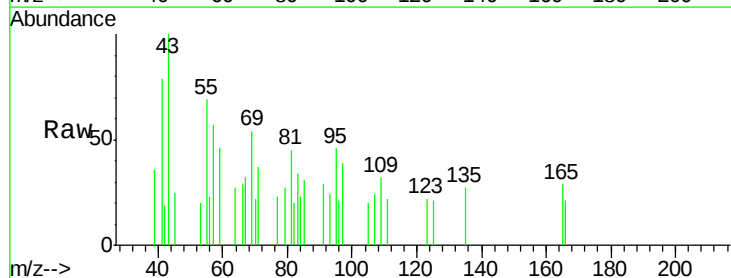
Instrument :
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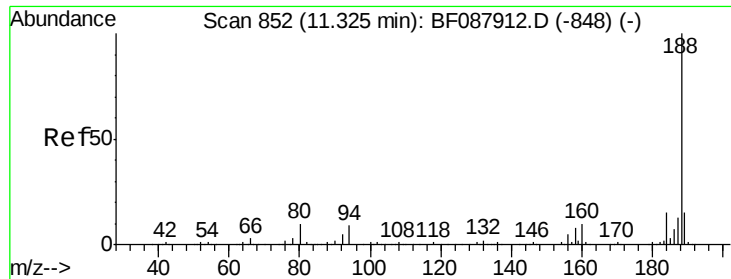
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.26 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF088158.D
Acq: 19 Jun 2016 3:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	136.5	77.8	116.8#
167	0.0	11.2	16.8#

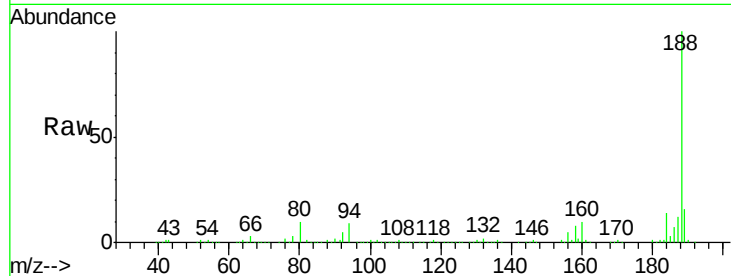




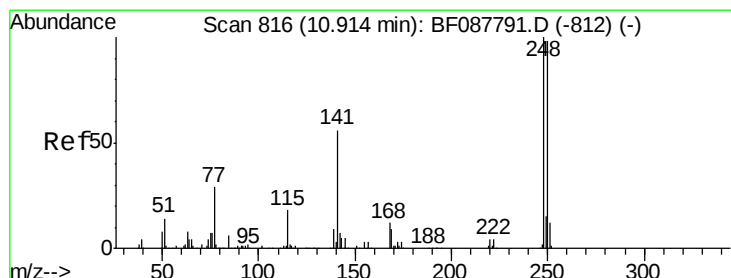
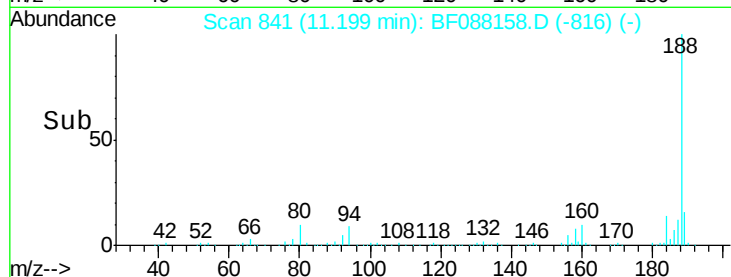
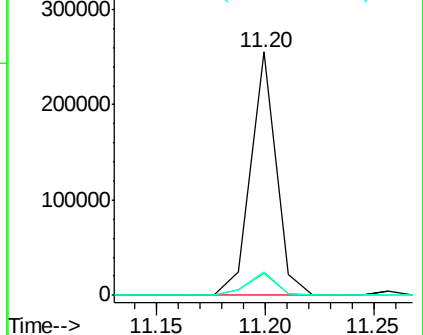
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088158.D
Acq: 19 Jun 2016 3:18

Instrument :
BNA_F
ClientSampleId :
W-27

Tgt Ion:188 Resp: 208360
Ion Ratio Lower Upper
188 100
94 9.3 9.0 13.6
80 9.8 10.0 15.0#

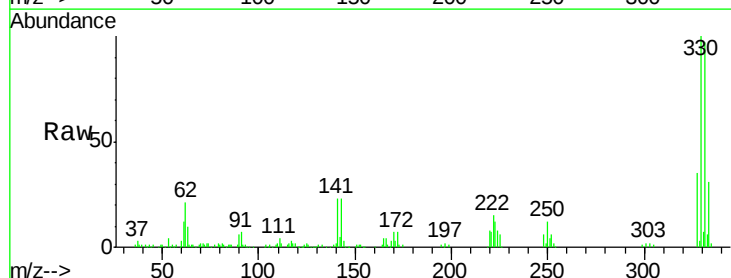


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

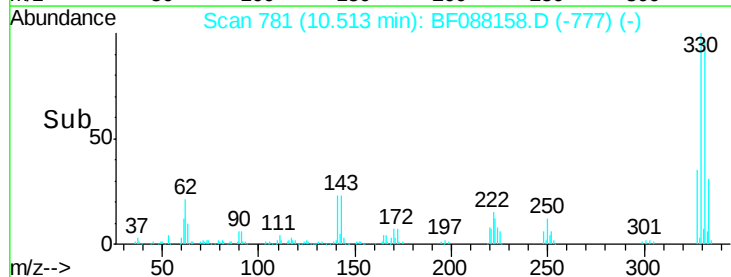
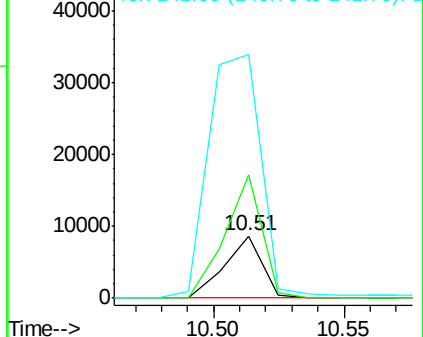


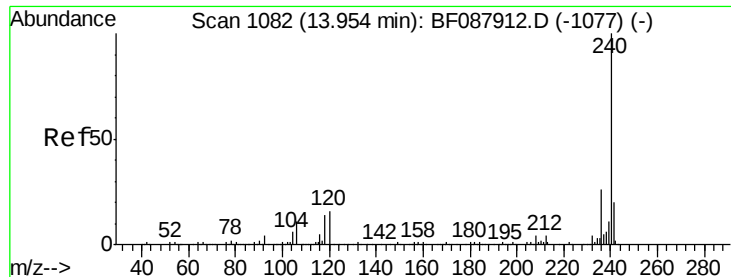
#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.25 min
Lab File: BF088158.D
Acq: 19 Jun 2016 3:18

Tgt Ion:248 Resp: 8662
Ion Ratio Lower Upper
248 100
250 198.1 77.1 115.7#
141 392.9 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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088158.D

Acq: 19 Jun 2016 3:18

Instrument :

BNA_F

ClientSampled :

W-27

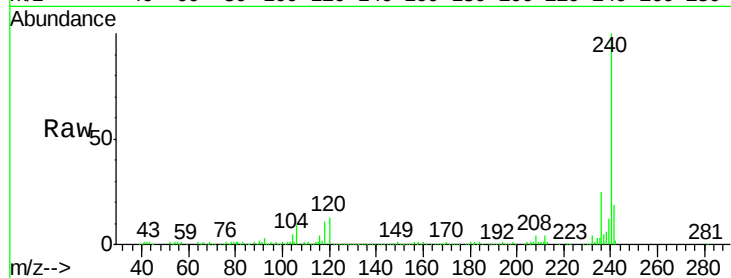
Tgt Ion:240 Resp: 172561

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

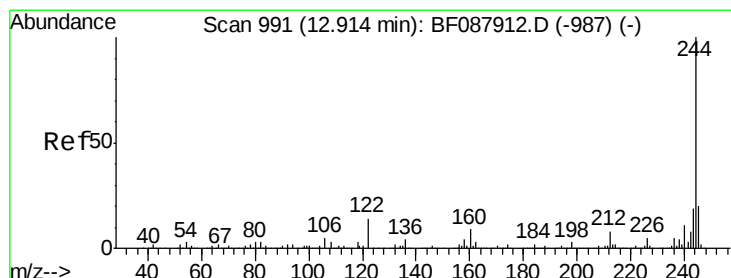
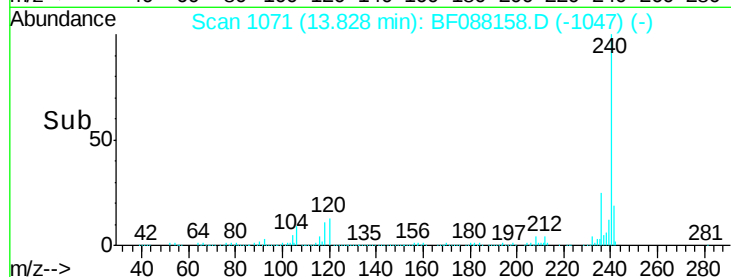
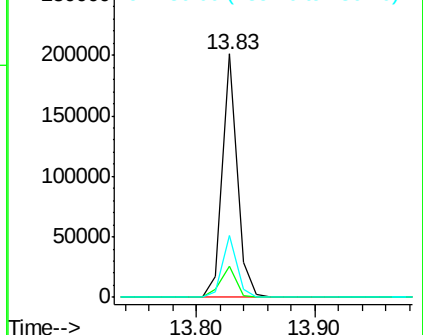
236 25.4 20.2 30.2



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: 82.52 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088158.D

Acq: 19 Jun 2016 3:18

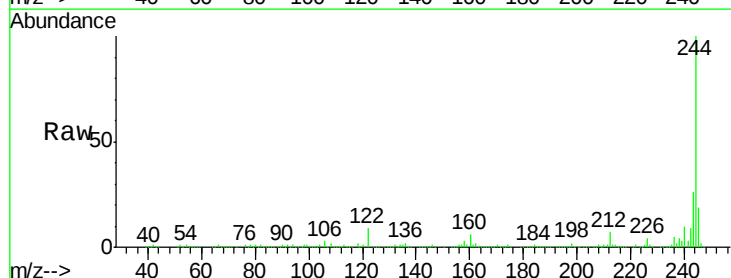
Tgt Ion:244 Resp: 625753

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

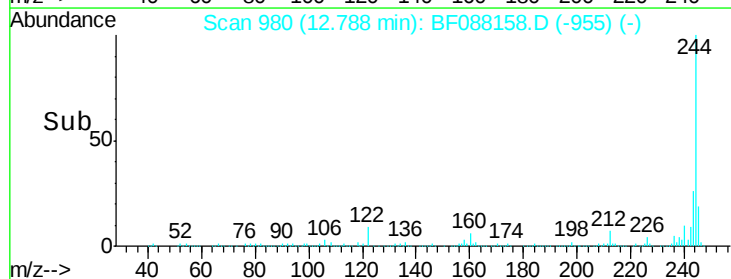
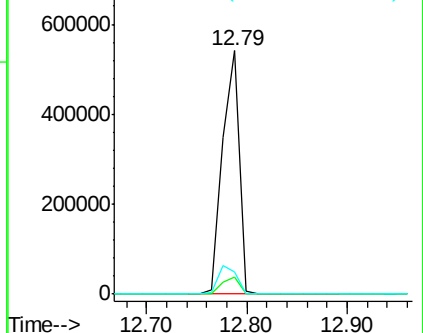
122 9.1 11.2 16.8#

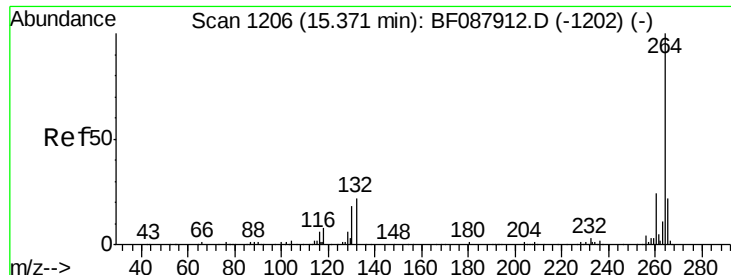


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

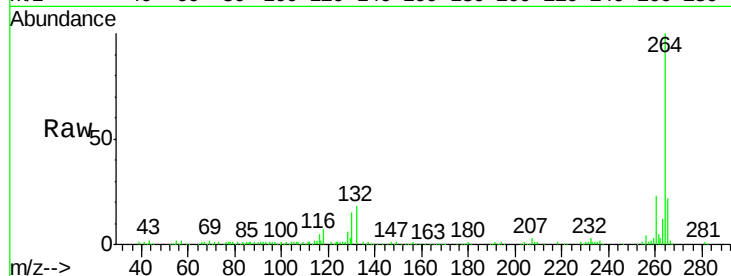




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088158.D
Acq: 19 Jun 2016 3:18

Instrument :
BNA_F
ClientSampleId :
W-27

Tgt Ion: 264 Resp: 126248
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 21.7 16.9 25.3



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

