

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087153.D
 Acq On : 18 May 2016 19:47
 Operator : UM/SJ
 Sample : H3143-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6-RAMP-AC(0-2)

Quant Time: May 19 03:52:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

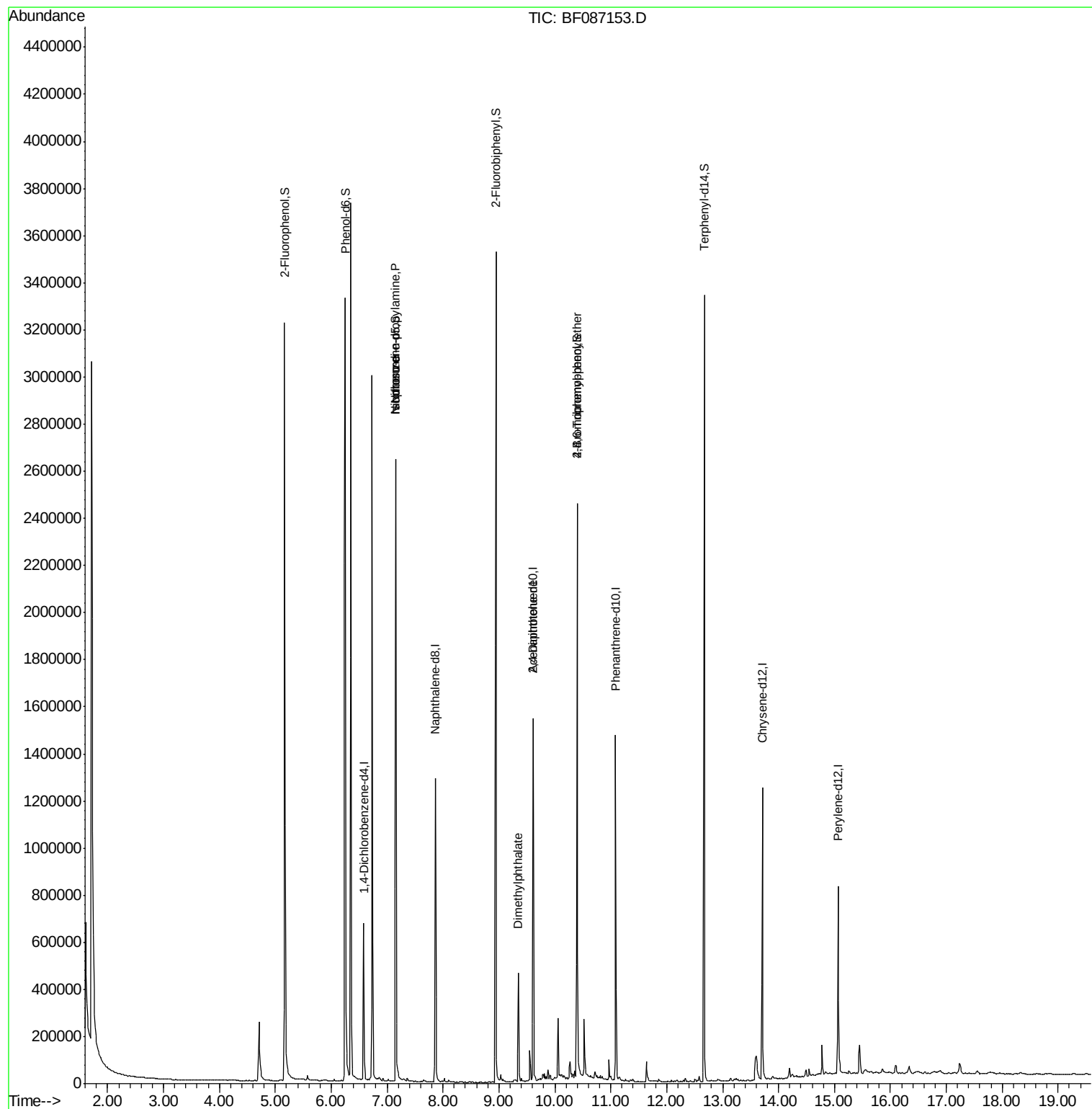
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	135720	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	569165	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	282315	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	521554	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	437334	20.00	ng	-0.05
86) Perylene-d12	15.06	264	323934	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	879171	108.88	ng	-0.03
7) Phenol-d6	6.25	99	1327598	122.59	ng	-0.03
23) Nitrobenzene-d5	7.15	82	836733	73.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	279634	89.63	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1251398	73.41	ng	-0.03
78) Terphenyl-d14	12.67	244	1082971	56.02	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	120092	14.59	ng	# 74
25) Isophorone	7.15	82	650680	31.12	ng	# 68
49) Dimethylphthalate	9.35	163	175067	8.13	ng	99
56) 2,4-Dinitrotoluene	9.61	165	36277	6.06	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	16998	3.17	ng	# 1

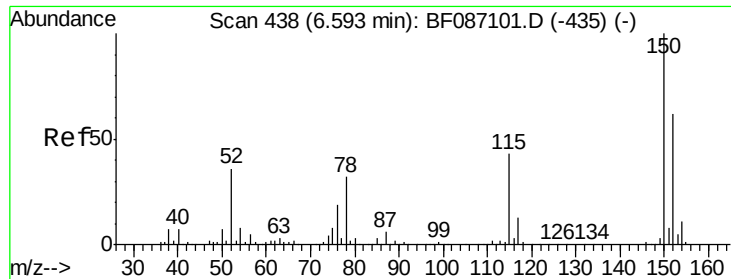
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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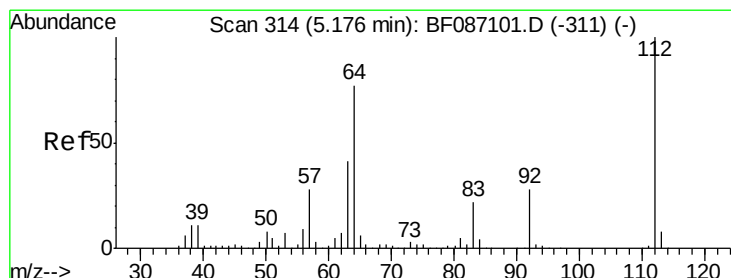
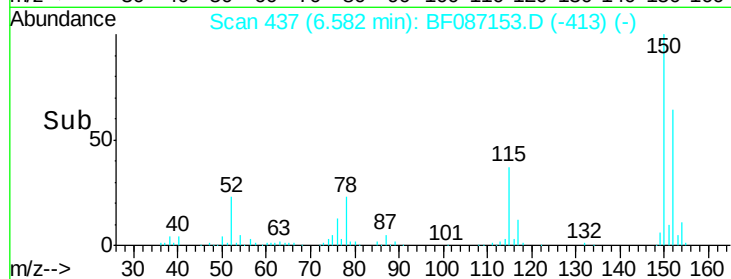
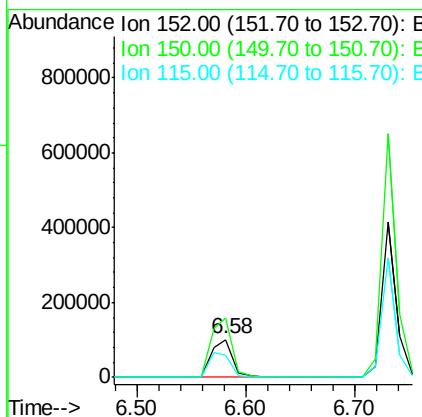
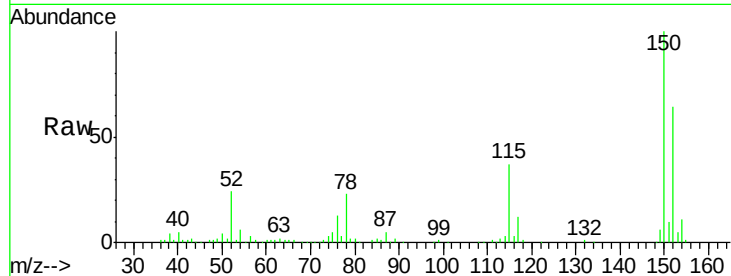


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087153.D
Acq: 18 May 2016 19:47

Instrument :
BNA_F
ClientSampleId :
6-RAMP-AC(0-2)

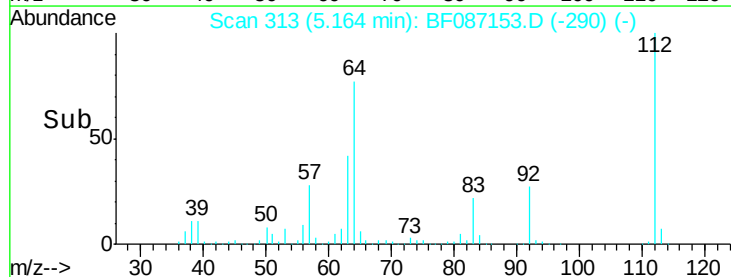
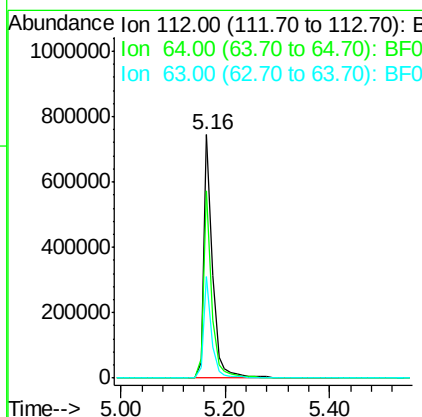
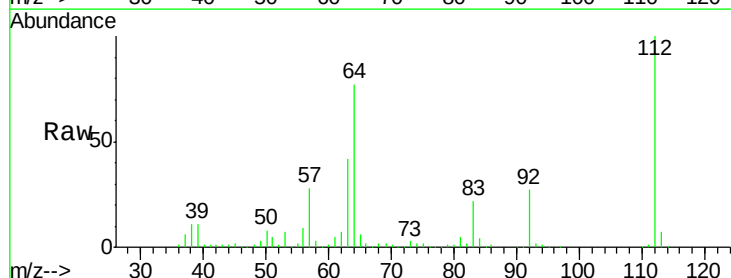
Tgt Ion:152 Resp: 135720
Ion Ratio Lower Upper
152 100
150 156.0 125.8 188.6
115 57.2 51.5 77.3

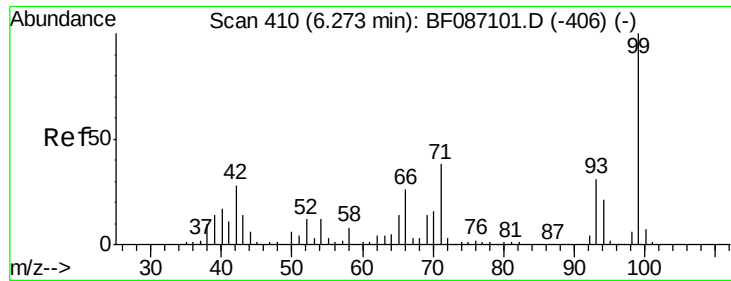


#5

2-Fluorophenol
Concen: 108.88 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087153.D
Acq: 18 May 2016 19:47

Tgt Ion:112 Resp: 879171
Ion Ratio Lower Upper
112 100
64 77.1 52.1 78.1
63 41.6 25.7 38.5#





#7

Phenol-d6

Concen: 122.59 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087153.D

Acq: 18 May 2016 19:47

Instrument :

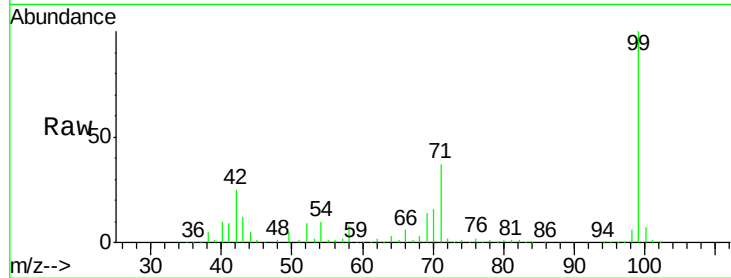
BNA_F

ClientSampleId :

6-RAMP-AC(0-2)

Tgt Ion: 99 Resp: 1327598

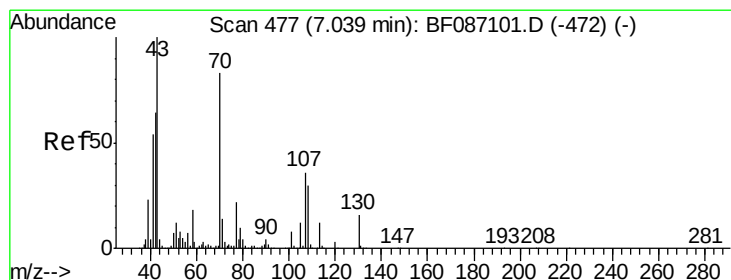
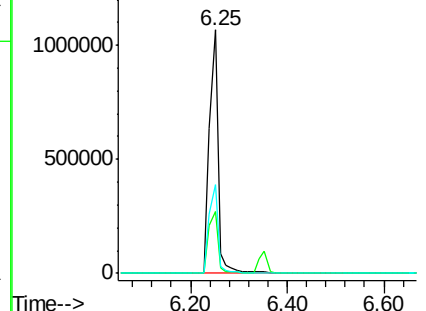
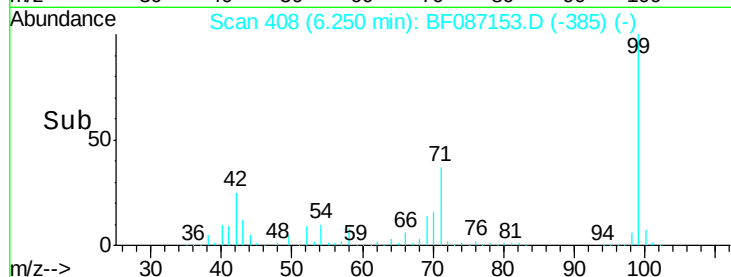
Ion	Ratio	Lower	Upper
99	100		
42	25.3	13.6	20.4#
71	36.6	24.6	36.8



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: 14.59 ng

RT: 7.15 min Scan# 487

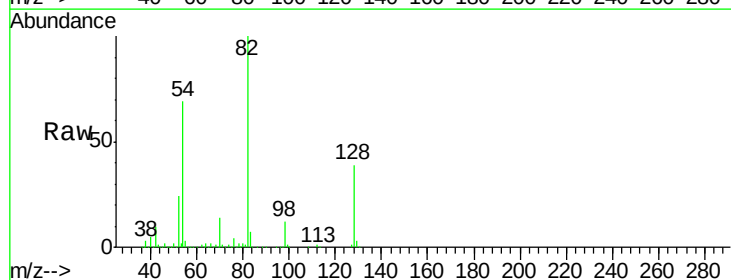
Delta R.T. 0.10 min

Lab File: BF087153.D

Acq: 18 May 2016 19:47

Tgt Ion: 70 Resp: 120092

Ion	Ratio	Lower	Upper
70	100		
42	66.9	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#

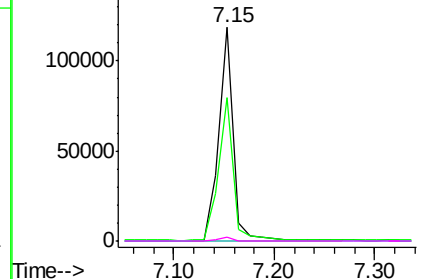
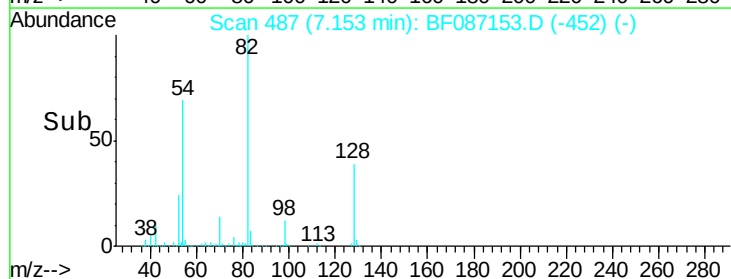


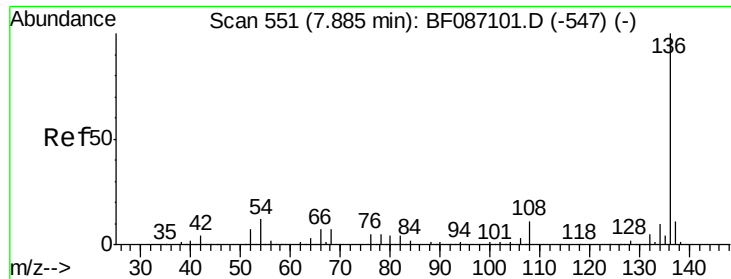
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

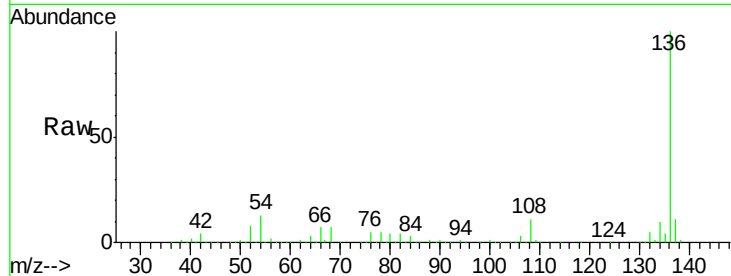




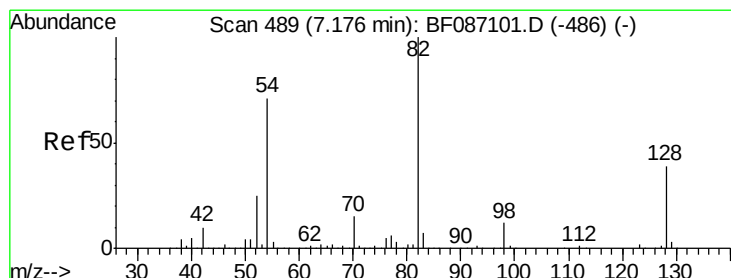
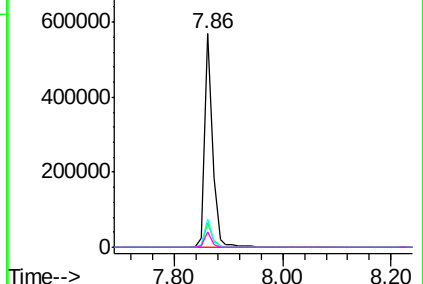
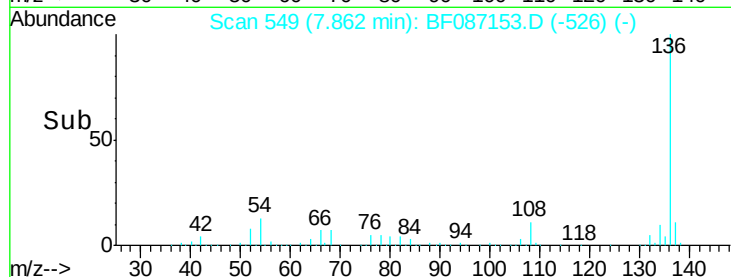
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087153.D
Acq: 18 May 2016 19:47

Instrument :
BNA_F
ClientSampleId :
6-RAMP-AC(0-2)

Tgt Ion:	136	Resp:	569165
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.2	5.0	7.4#
68	7.2	4.4	6.6#

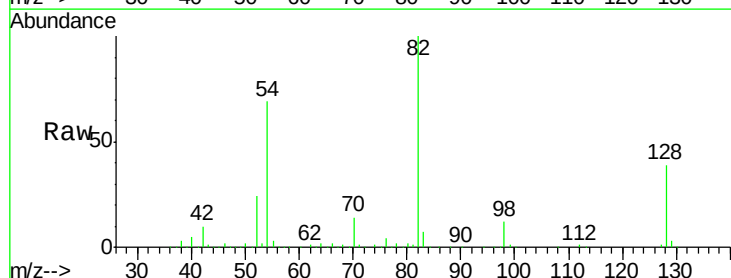


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

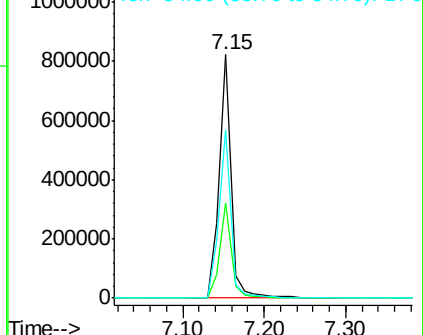
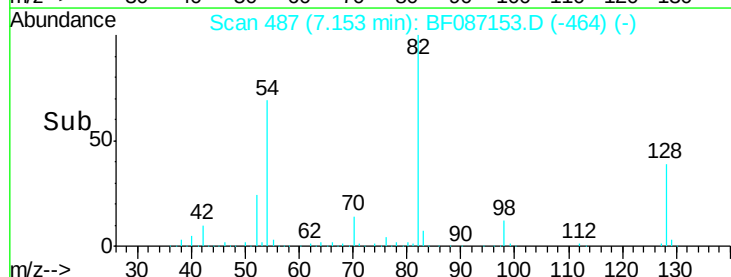


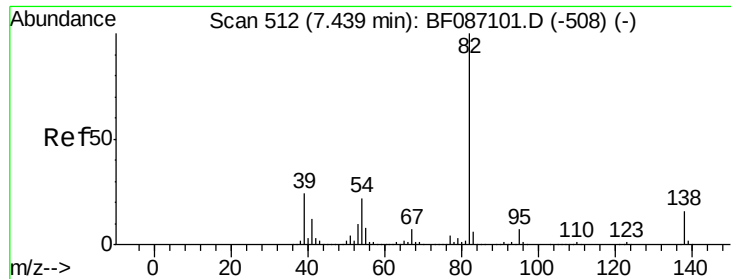
#23
Nitrobenzene-d5
Concen: 73.27 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087153.D
Acq: 18 May 2016 19:47

Tgt Ion:	82	Resp:	836733
Ion	Ratio	Lower	Upper
82	100		
128	39.2	40.6	61.0#
54	69.3	38.1	57.1#



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





#25

Isophorone

Concen: 31.12 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.30 min

Lab File: BF087153.D

Acq: 18 May 2016 19:47

Instrument :

BNA_F

ClientSampleId :

6-RAMP-AC(0-2)

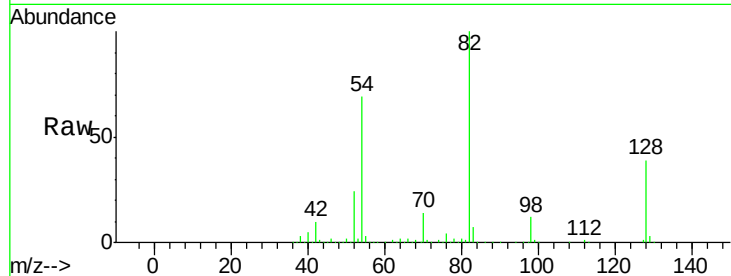
Tgt Ion: 82 Resp: 650680

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

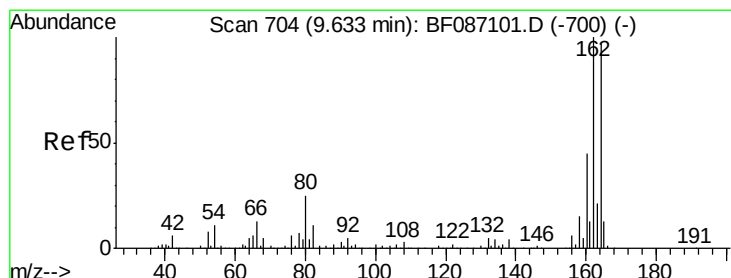
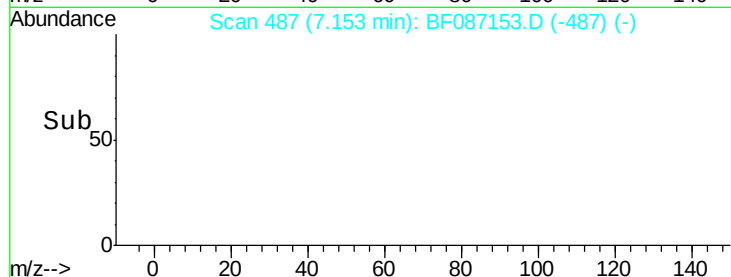
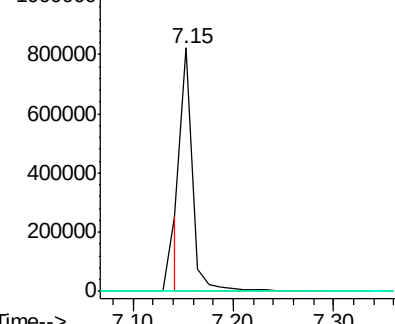
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF087153.D

Acq: 18 May 2016 19:47

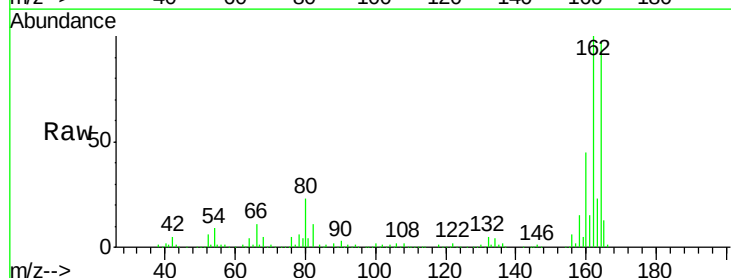
Tgt Ion: 164 Resp: 282315

Ion Ratio Lower Upper

164 100

162 102.7 82.8 124.2

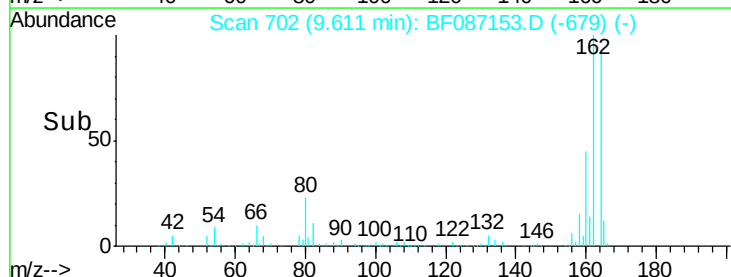
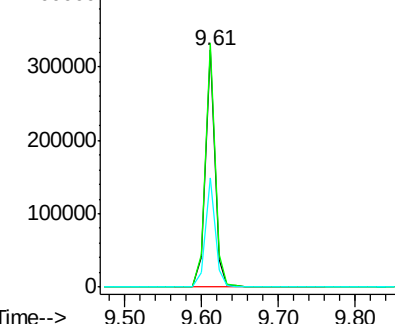
160 46.0 36.9 55.3

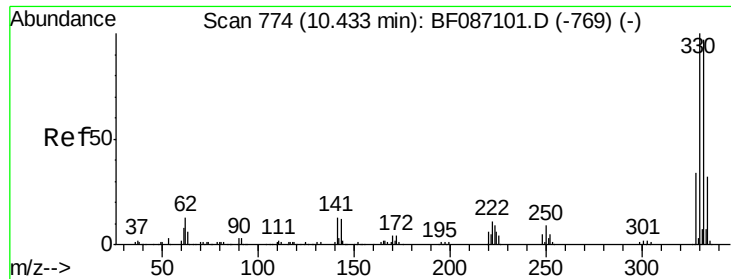


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

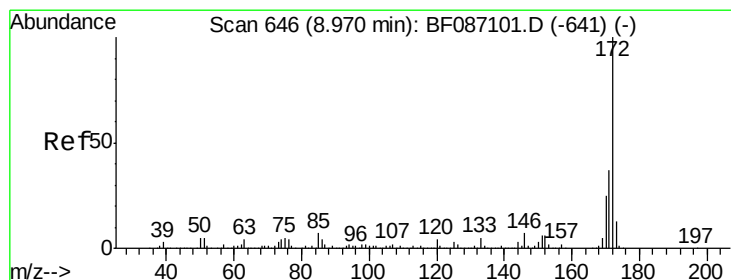
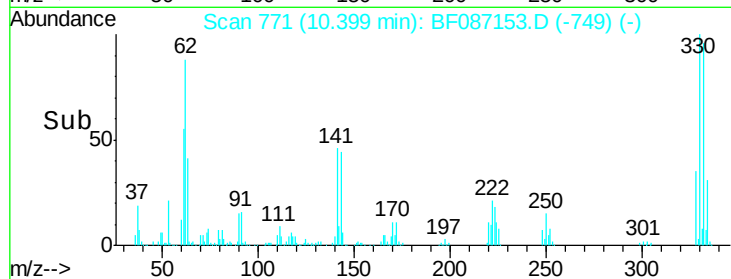
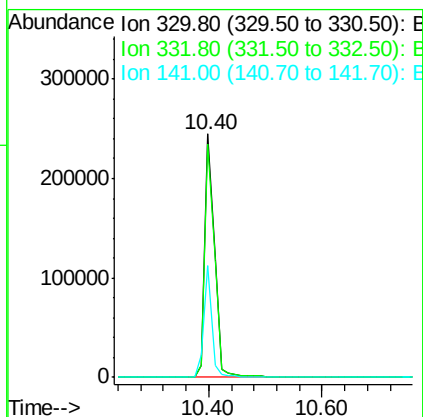
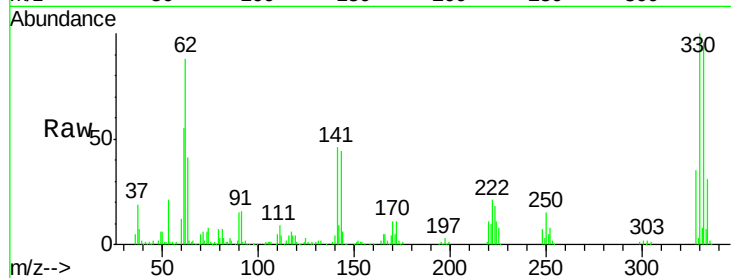




#41
 2,4,6-Tribromophenol
 Concen: 89.63 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087153.D
 Acq: 18 May 2016 19:47

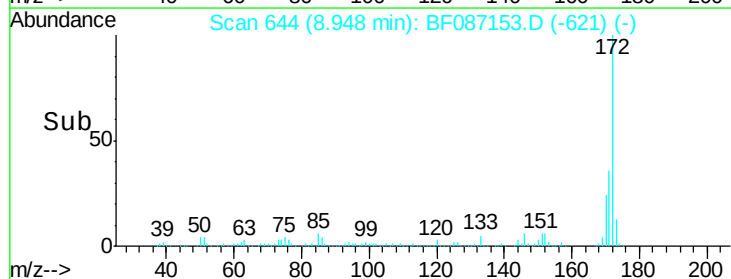
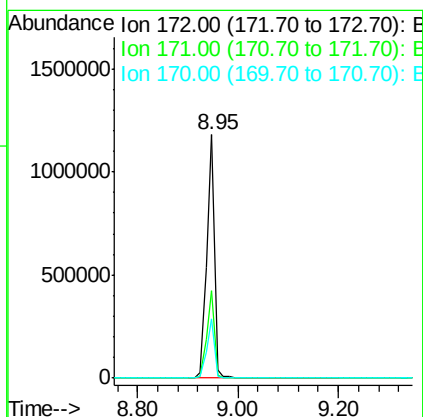
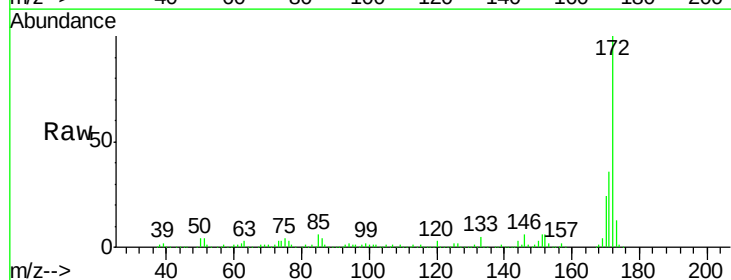
Instrument :
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 6-RAMP-AC(0-2)

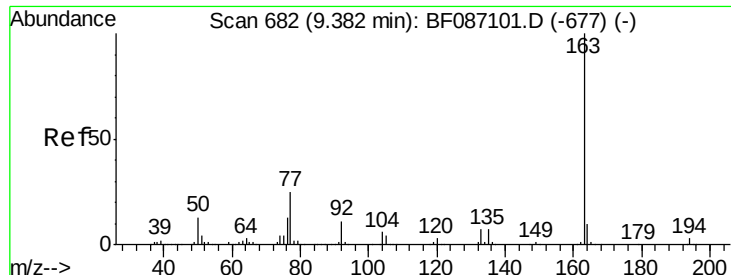
Tgt Ion:330 Resp: 279634
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 38.1 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 73.41 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087153.D
 Acq: 18 May 2016 19:47

Tgt Ion:172 Resp: 1251398
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.4 19.8 29.8

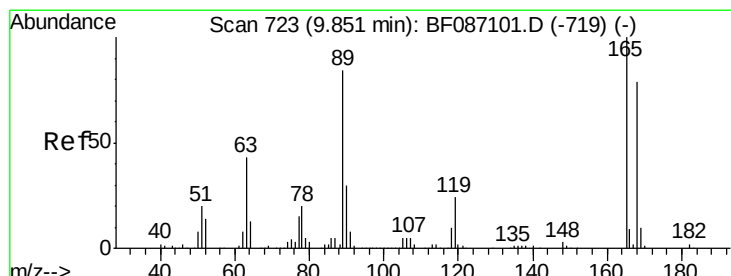
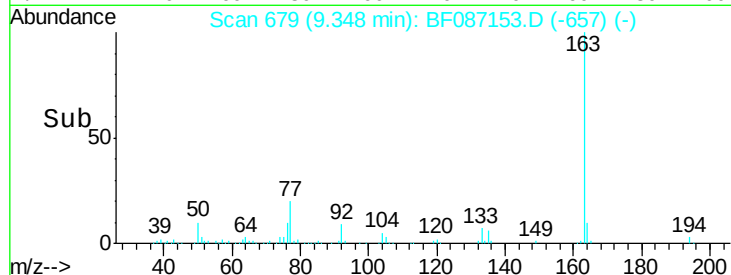
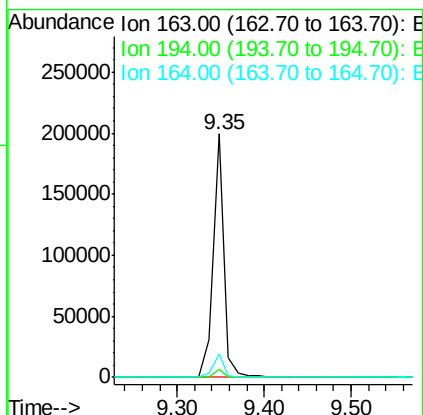
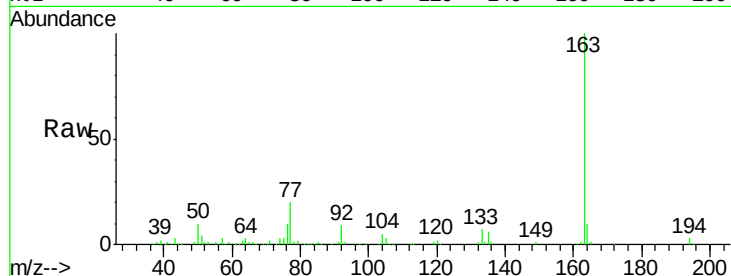




#49
Dimethylphthalate
Concen: 8.13 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087153.D
Acq: 18 May 2016 19:47

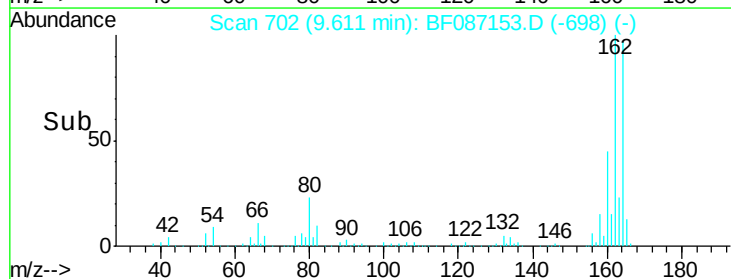
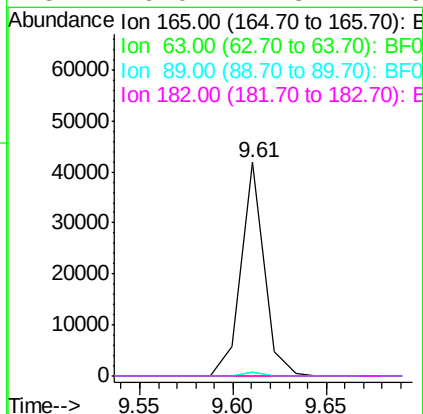
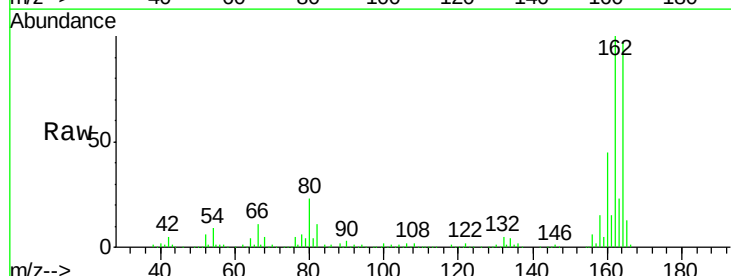
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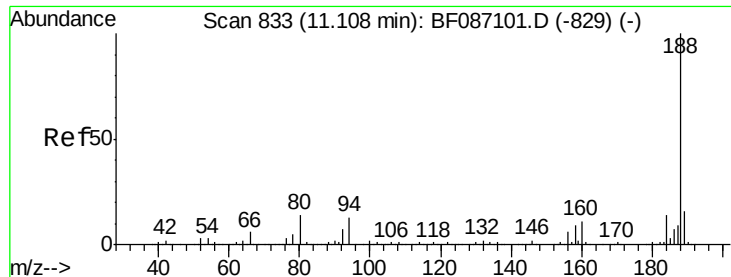
Tgt Ion:163 Resp: 175067
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.6 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.25 min
Lab File: BF087153.D
Acq: 18 May 2016 19:47

Tgt Ion:165 Resp: 36277
Ion Ratio Lower Upper
165 100
63 2.0 44.3 66.5#
89 1.7 70.0 105.0#
182 0.0 1.8 2.6#

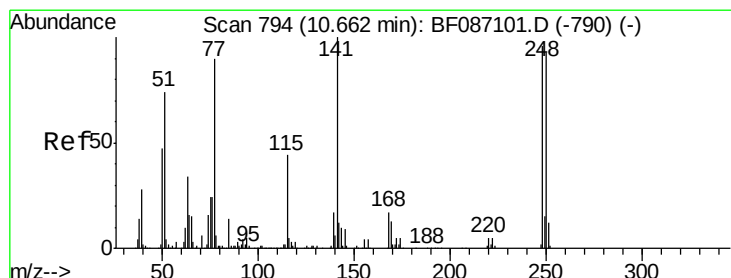
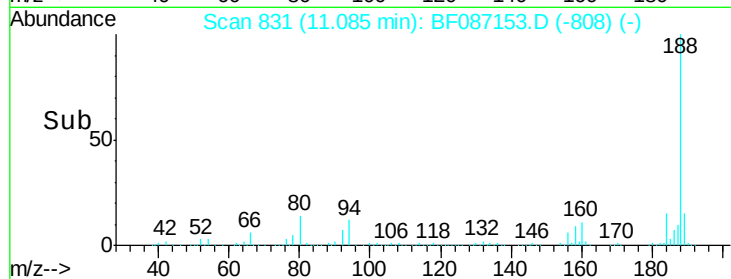
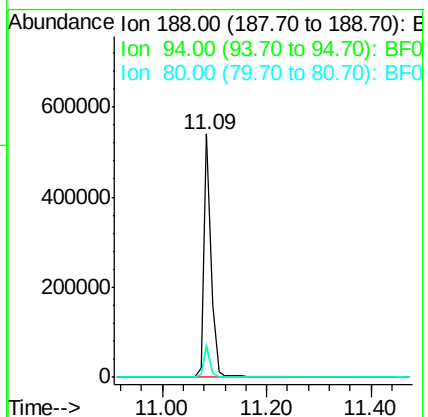
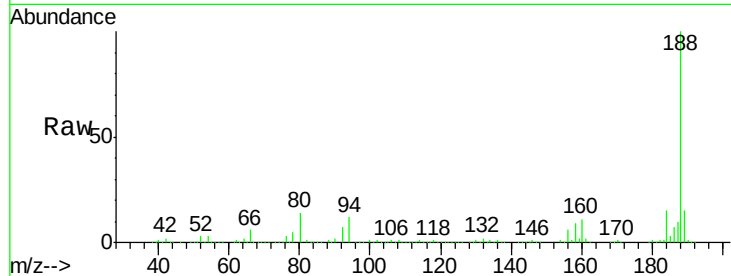




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087153.D
Acq: 18 May 2016 19:47

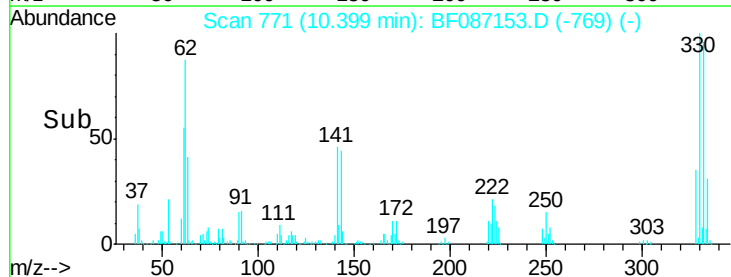
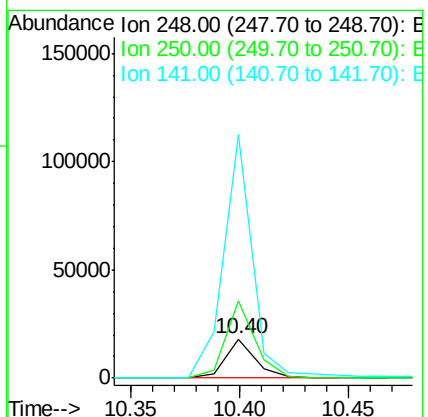
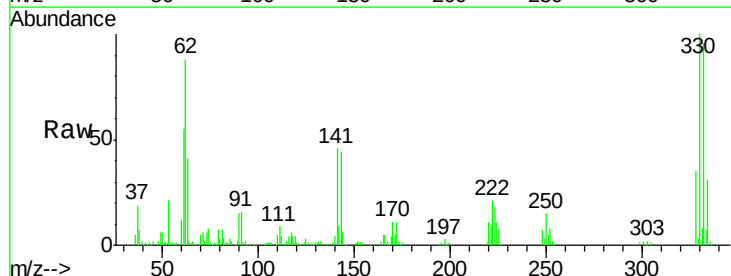
Instrument :
BNA_F
ClientSampleId :
6-RAMP-AC(0-2)

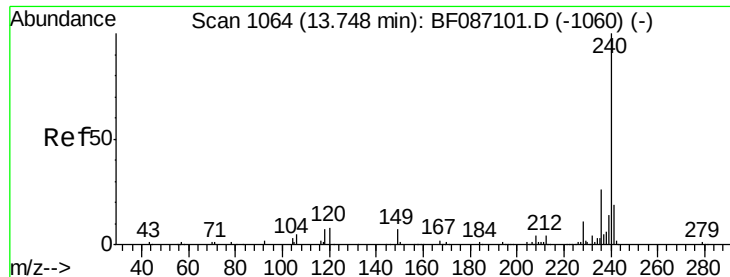
Tgt Ion:188 Resp: 521554
Ion Ratio Lower Upper
188 100
94 12.0 6.8 10.2#
80 13.7 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.27 min
Lab File: BF087153.D
Acq: 18 May 2016 19:47

Tgt Ion:248 Resp: 16998
Ion Ratio Lower Upper
248 100
250 198.4 78.6 117.8#
141 622.3 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087153.D

Acq: 18 May 2016 19:47

Instrument :

BNA_F

ClientSampleId :

6-RAMP-AC(0-2)

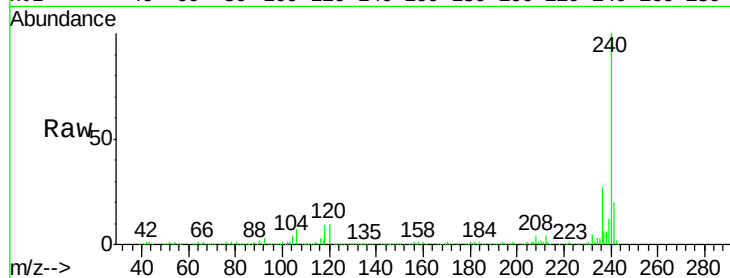
Tgt Ion:240 Resp: 437334

Ion Ratio Lower Upper

240 100

120 10.2 11.2 16.8#

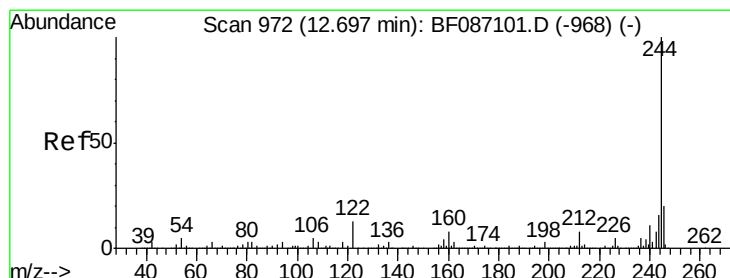
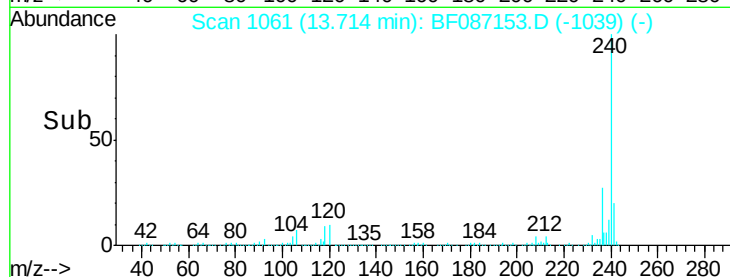
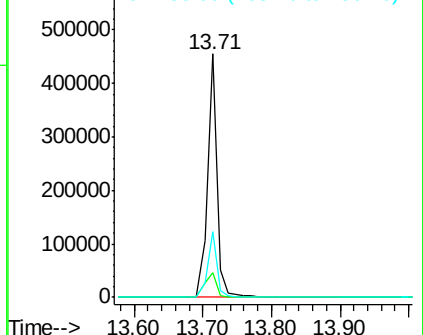
236 26.8 21.2 31.8



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: 56.02 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087153.D

Acq: 18 May 2016 19:47

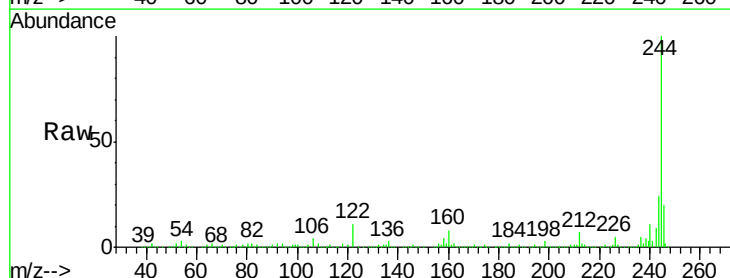
Tgt Ion:244 Resp: 1082971

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

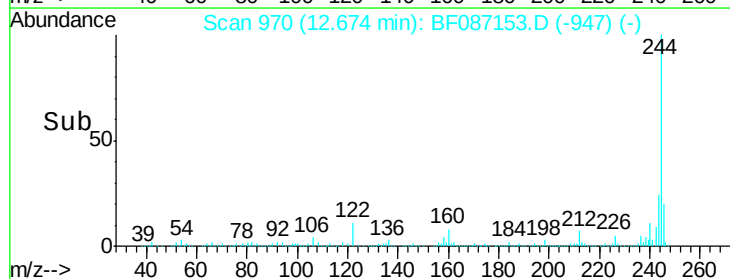
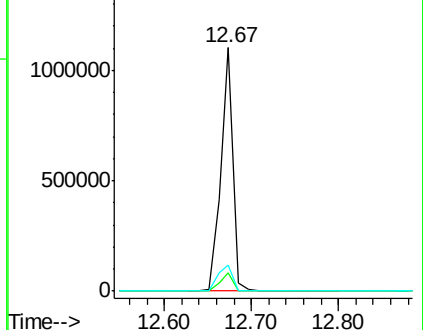
122 10.5 12.0 18.0#

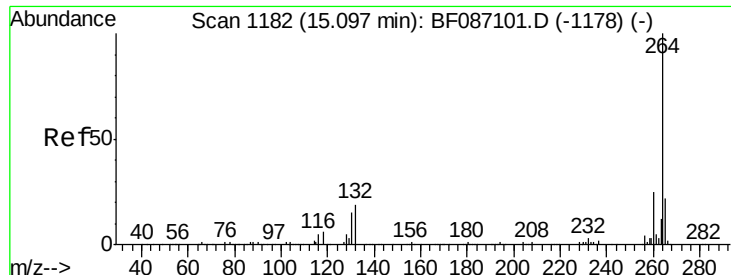


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

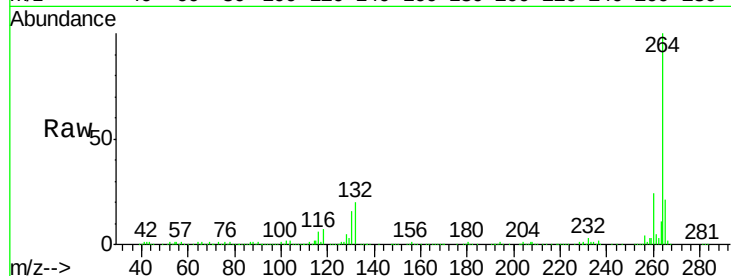




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087153.D
Acq: 18 May 2016 19:47

Instrument :
BNA_F
ClientSampleId :
6-RAMP-AC(0-2)

Tgt Ion:	264	Resp:	323934
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.4	17.3	25.9



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

