

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087162.D
 Acq On : 19 May 2016 00:09
 Operator : UM/SJ
 Sample : H3143-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: May 19 03:53:51 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

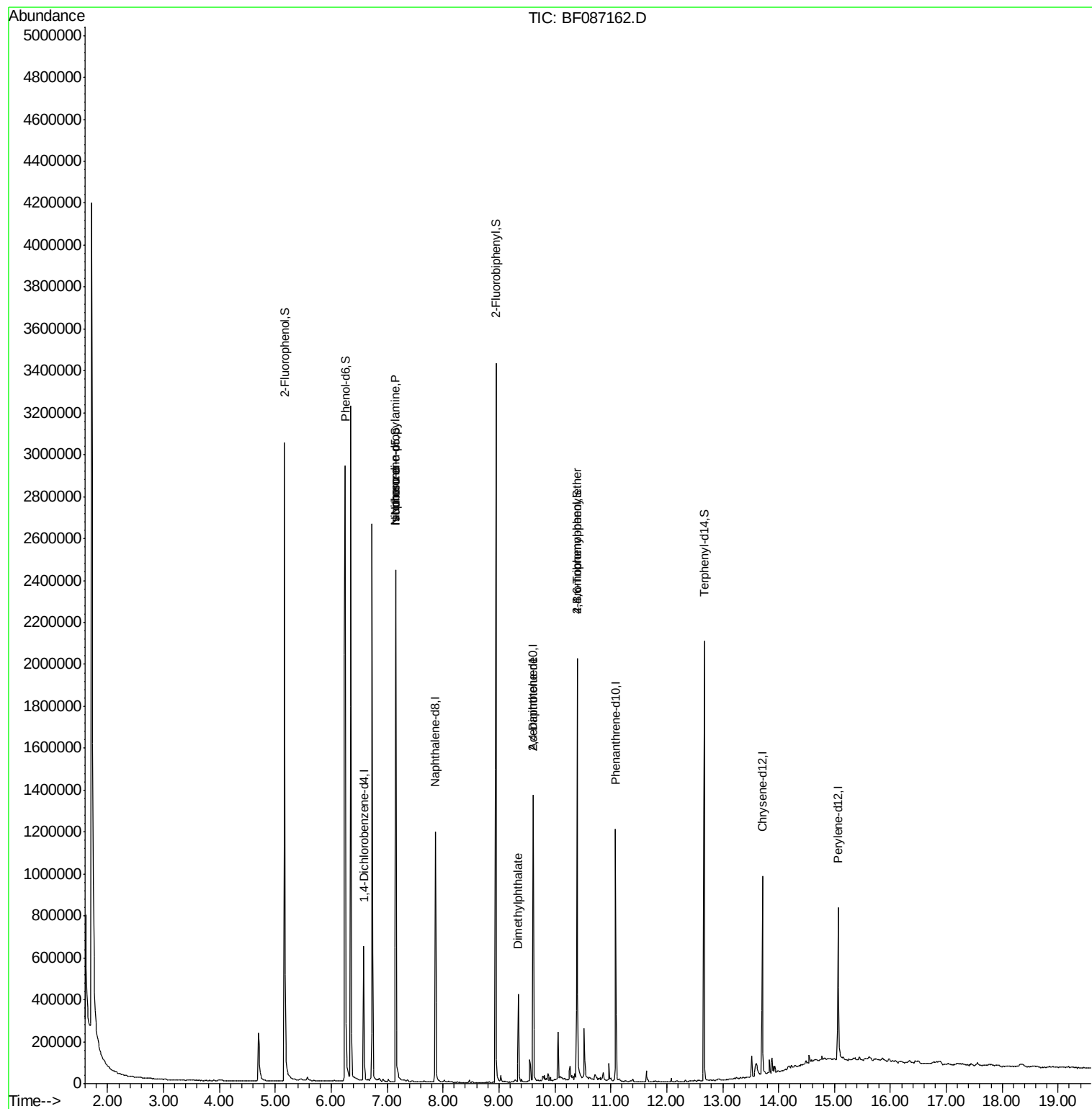
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	130448	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	533826	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	246525	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	427105	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	336936	20.00	ng	-0.05
86) Perylene-d12	15.06	264	309008	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	862993	111.20	ng	-0.03
7) Phenol-d6	6.25	99	1218982	117.11	ng	-0.03
23) Nitrobenzene-d5	7.15	82	755758	70.56	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	217615	79.88	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1136876	76.38	ng	-0.03
78) Terphenyl-d14	12.67	244	767495	51.53	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	108093	13.66	ng	# 74
25) Isophorone	7.15	82	606657	30.94	ng	# 68
49) Dimethylphthalate	9.35	163	154614	8.22	ng	99
56) 2,4-Dinitrotoluene	9.61	165	31351	5.99	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	13221	3.01	ng	# 1

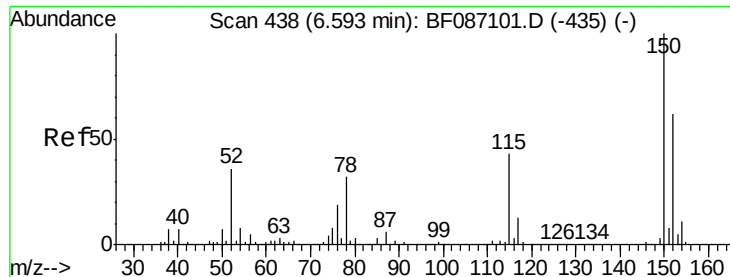
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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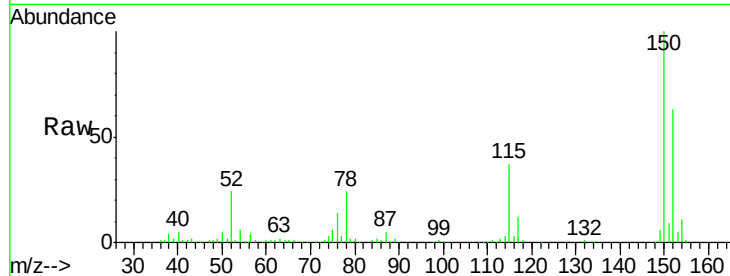


#1

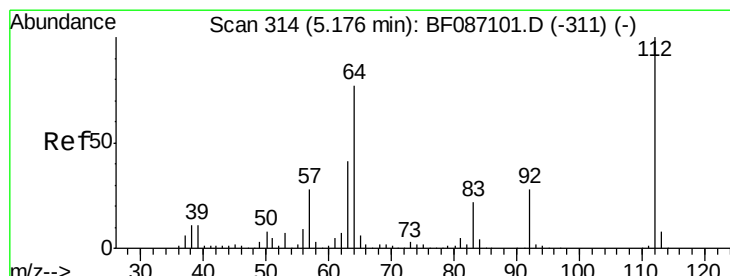
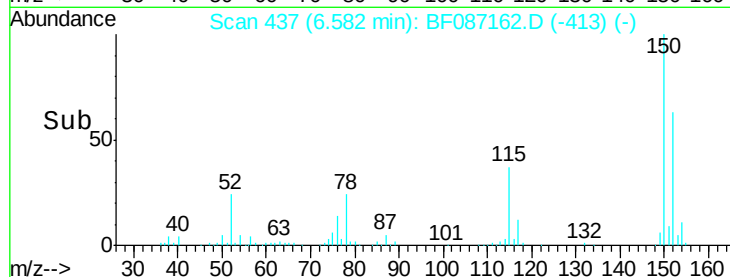
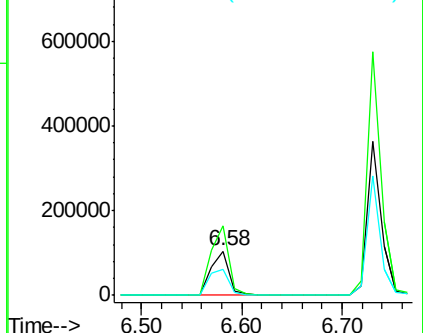
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087162.D
Acq: 19 May 2016 00:09

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

Tgt Ion:152 Resp: 130448
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 58.2 51.5 77.3



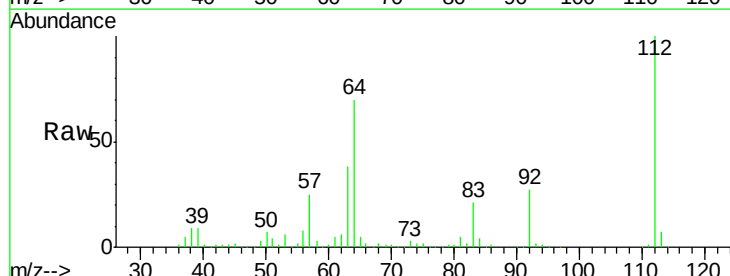
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



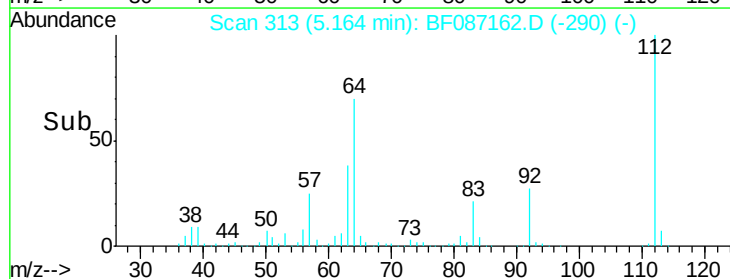
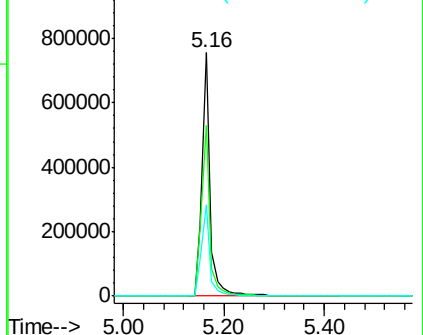
#5

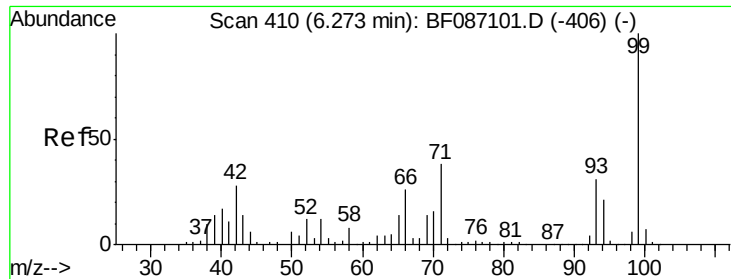
2-Fluorophenol
Concen: 111.20 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087162.D
Acq: 19 May 2016 00:09

Tgt Ion:112 Resp: 862993
Ion Ratio Lower Upper
112 100
64 69.9 52.1 78.1
63 37.6 25.7 38.5



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: 117.11 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087162.D

Acq: 19 May 2016 00:09

Instrument :

BNA_F

ClientSampleId :

4-RAMP-AC(0-2)

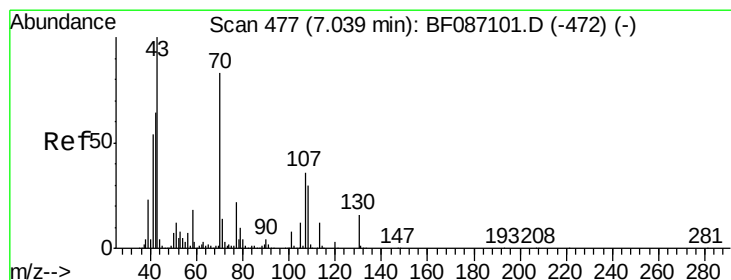
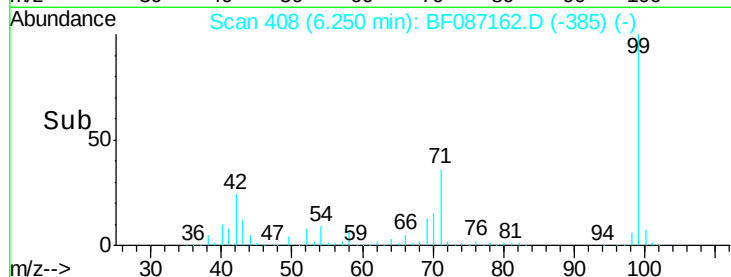
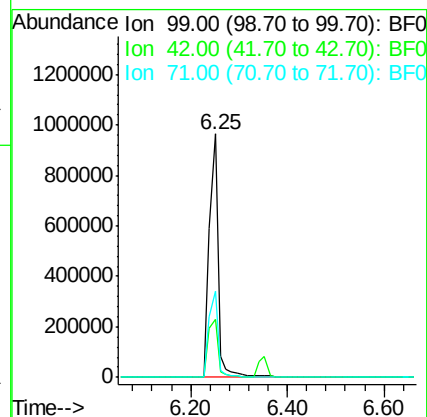
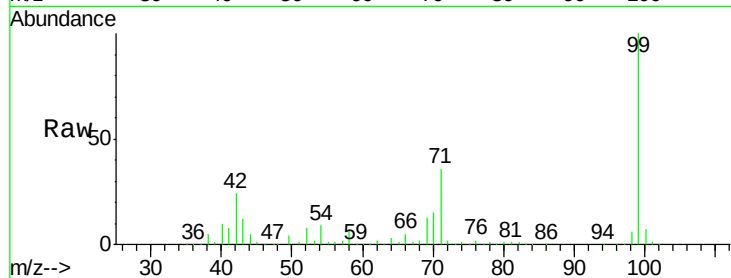
Tgt Ion: 99 Resp: 1218982

Ion Ratio Lower Upper

99 100

42 23.9 13.6 20.4#

71 35.6 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 13.66 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.10 min

Lab File: BF087162.D

Acq: 19 May 2016 00:09

Tgt Ion: 70 Resp: 108093

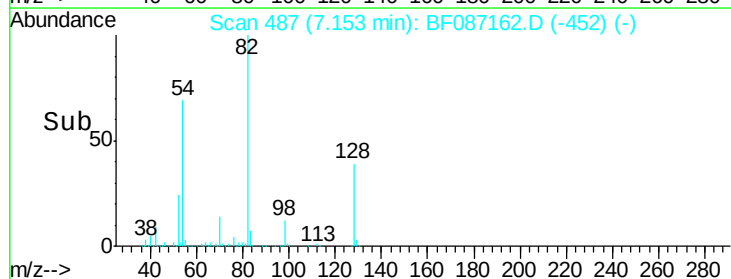
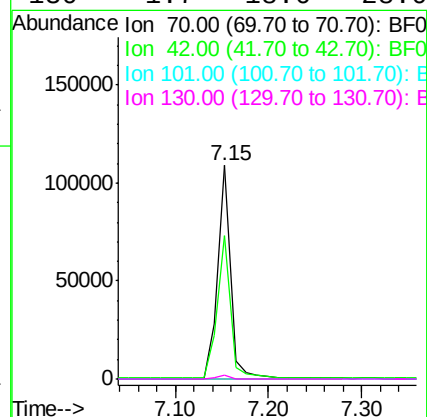
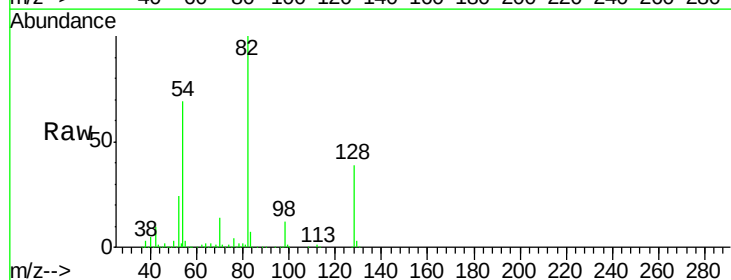
Ion Ratio Lower Upper

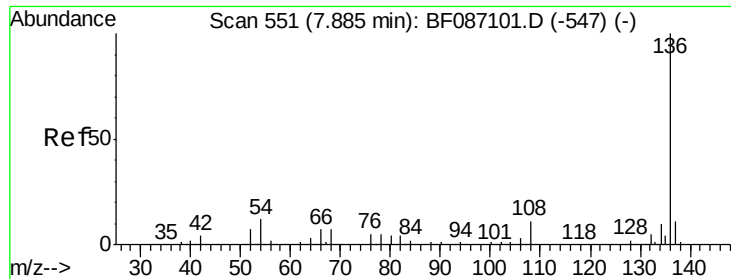
70 100

42 67.0 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

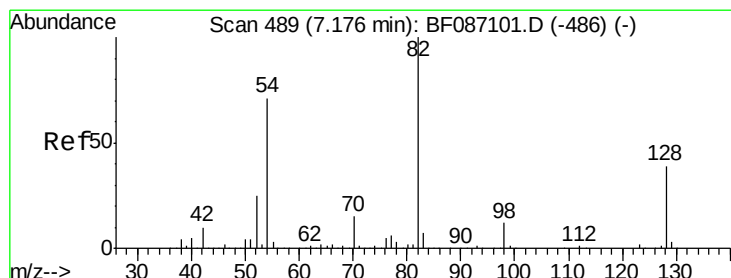
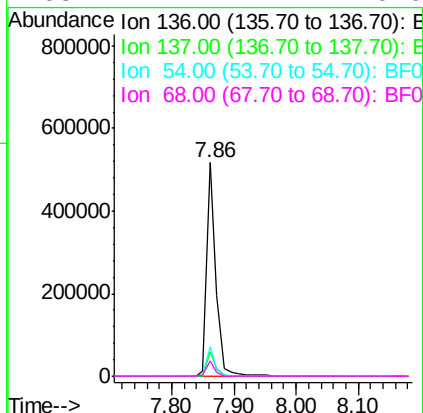
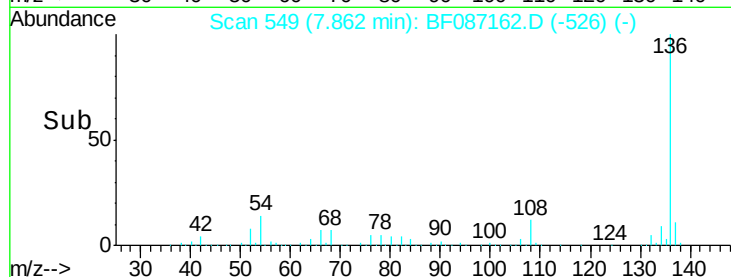
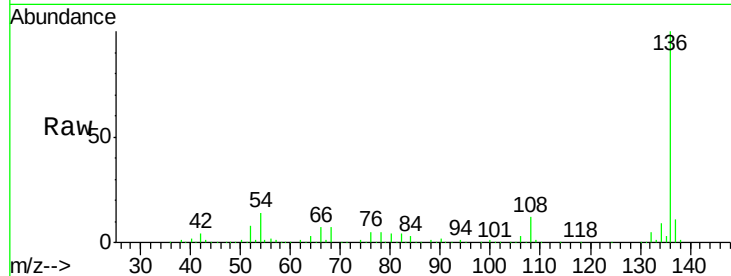




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087162.D
Acq: 19 May 2016 00:09

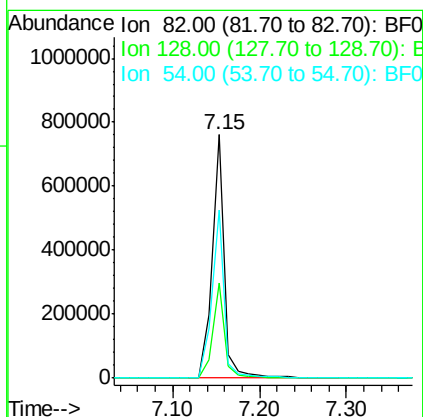
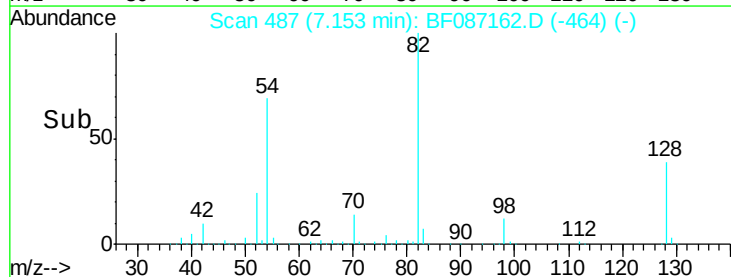
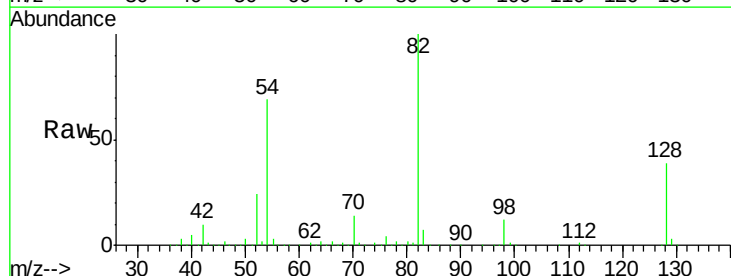
Instrument :
BNA_F
ClientSampleId :
4-RAMP-AC(0-2)

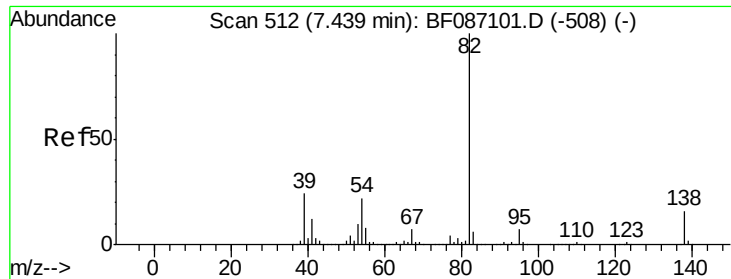
Tgt Ion:	136	Resp:	533826
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.9	5.0	7.4#
68	7.4	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 70.56 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087162.D
Acq: 19 May 2016 00:09

Tgt Ion:	82	Resp:	755758
Ion	Ratio	Lower	Upper
82	100		
128	39.3	40.6	61.0#
54	69.0	38.1	57.1#





#25

Isophorone

Concen: 30.94 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.30 min

Lab File: BF087162.D

Acq: 19 May 2016 00:09

Instrument :

BNA_F

ClientSampleId :

4-RAMP-AC(0-2)

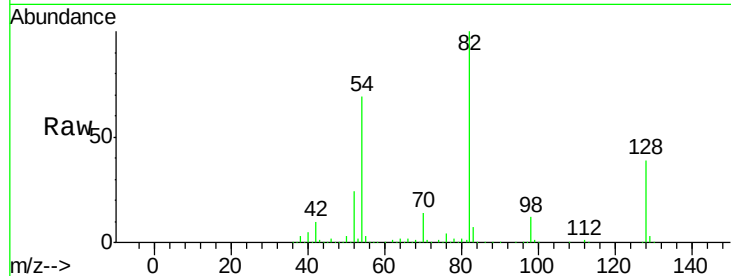
Tgt Ion: 82 Resp: 606657

Ion Ratio Lower Upper

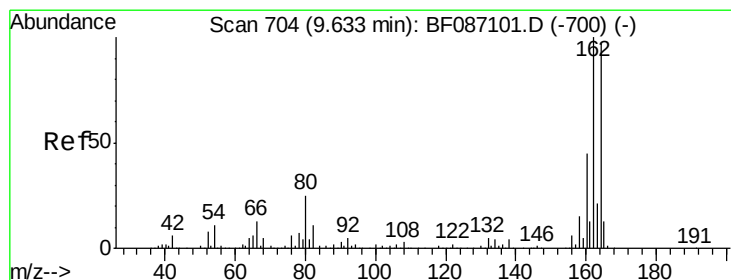
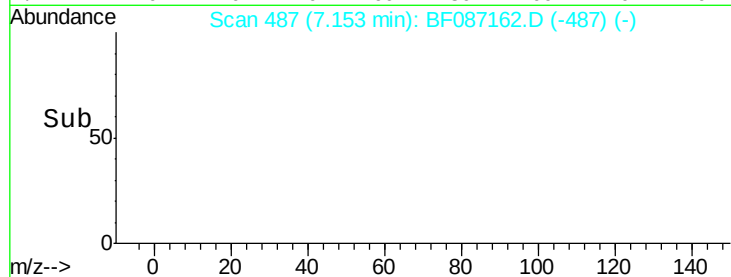
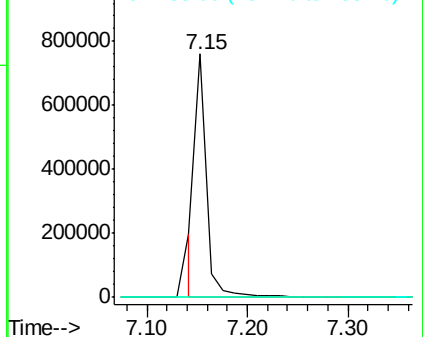
82 100

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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF087162.D

Acq: 19 May 2016 00:09

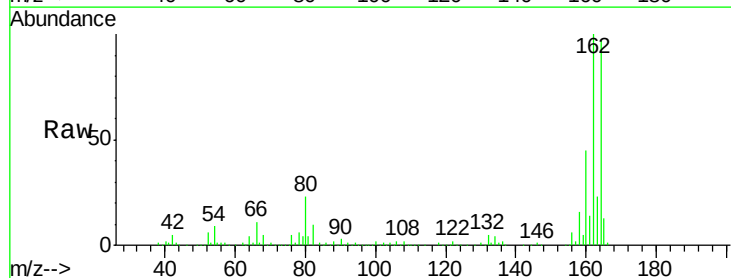
Tgt Ion: 164 Resp: 246525

Ion Ratio Lower Upper

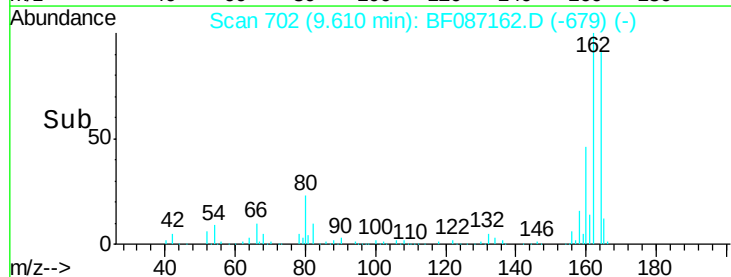
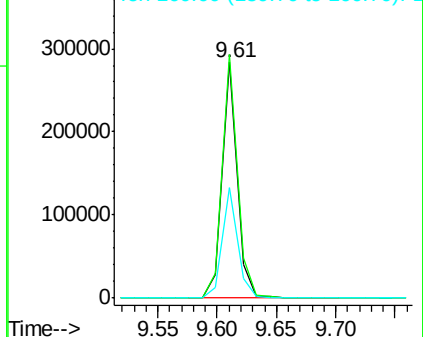
164 100

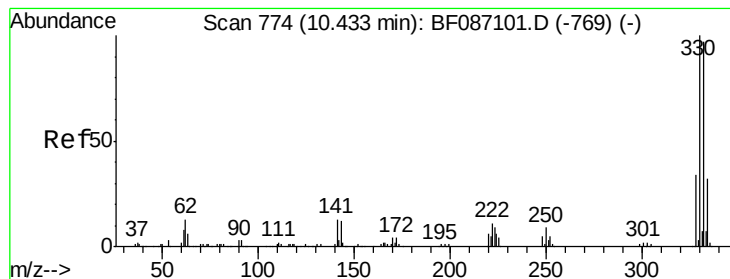
162 103.3 82.8 124.2

160 46.8 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

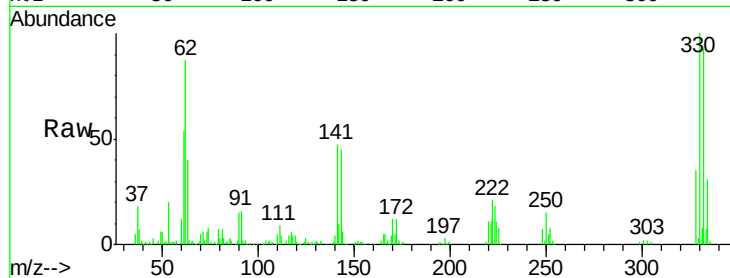




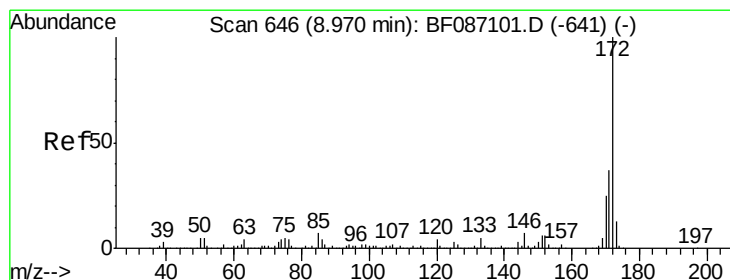
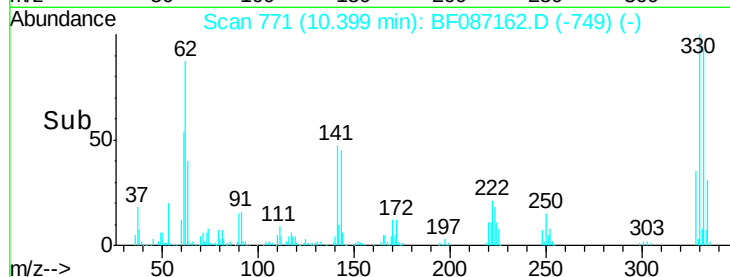
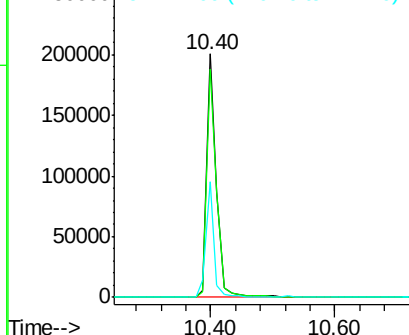
#41
 2,4,6-Tribromophenol
 Concen: 79.88 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087162.D
 Acq: 19 May 2016 00:09

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

Tgt Ion:330 Resp: 217615
 Ion Ratio Lower Upper
 330 100
 332 95.5 79.0 118.4
 141 39.7 31.2 46.8

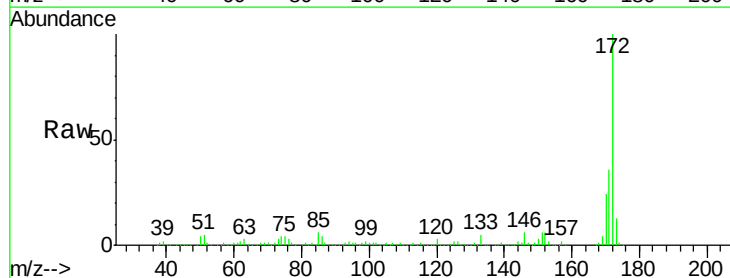


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

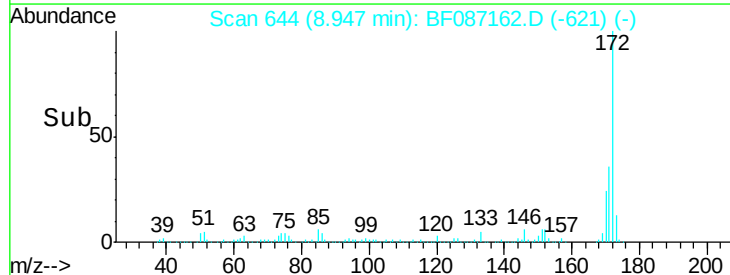
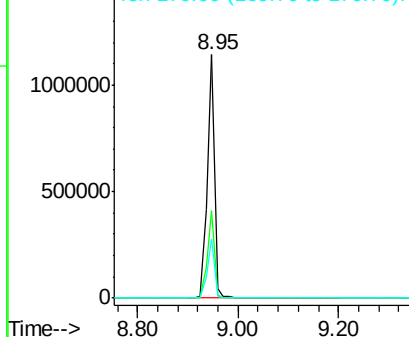


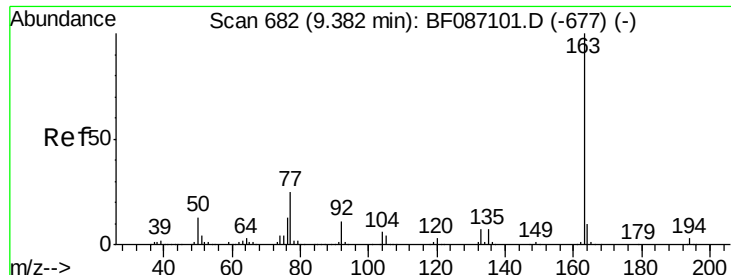
#44
 2-Fluorobiphenyl
 Concen: 76.38 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087162.D
 Acq: 19 May 2016 00:09

Tgt Ion:172 Resp: 1136876
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.2 19.8 29.8



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

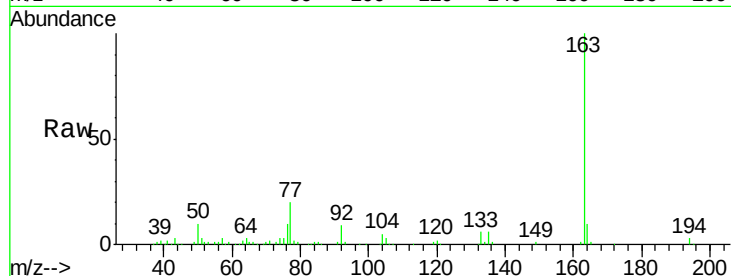




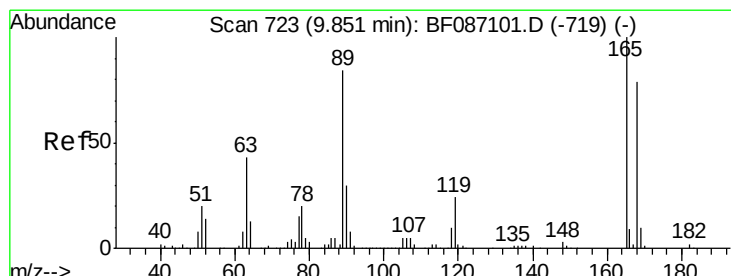
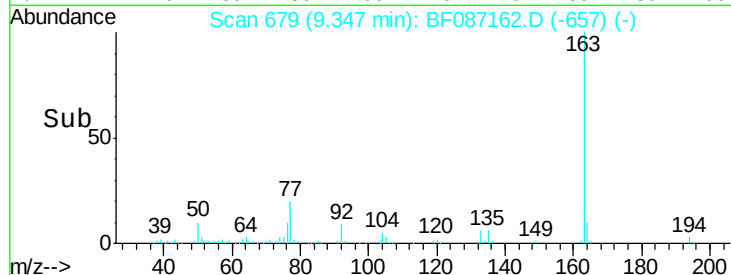
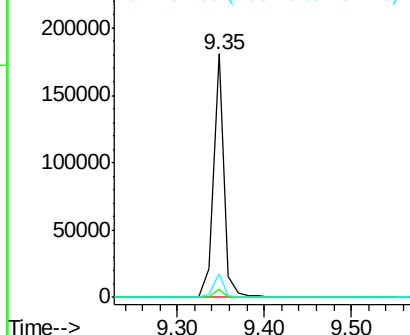
#49
Dimethylphthalate
Concen: 8.22 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087162.D
Acq: 19 May 2016 00:09

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

Tgt Ion:163 Resp: 154614
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.9 8.2 12.4

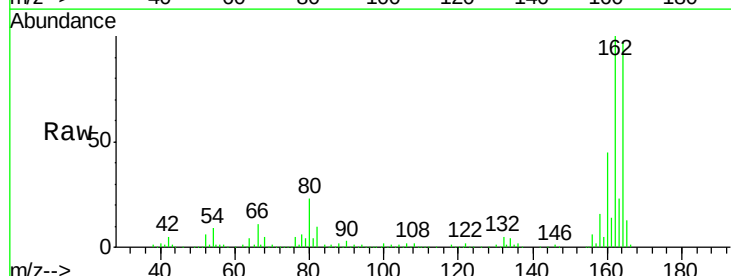


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

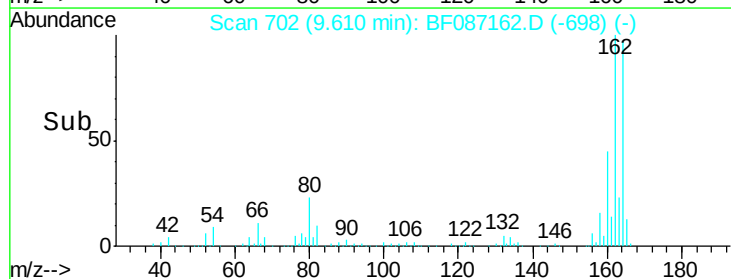
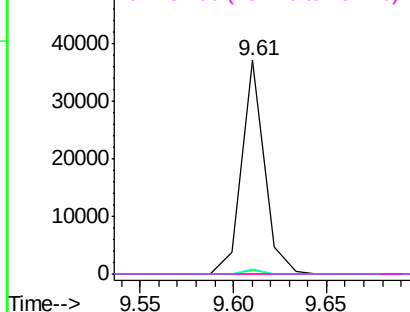


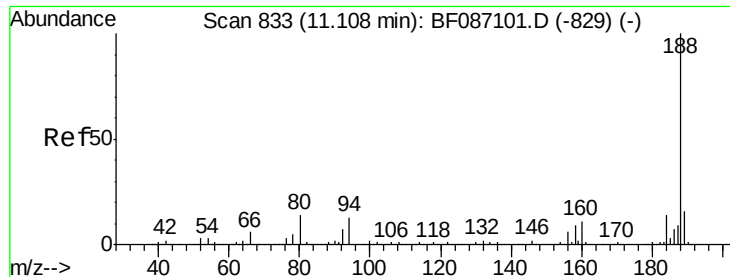
#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.25 min
Lab File: BF087162.D
Acq: 19 May 2016 00:09

Tgt Ion:165 Resp: 31351
Ion Ratio Lower Upper
165 100
63 1.8 44.3 66.5#
89 2.1 70.0 105.0#
182 0.0 1.8 2.6#



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

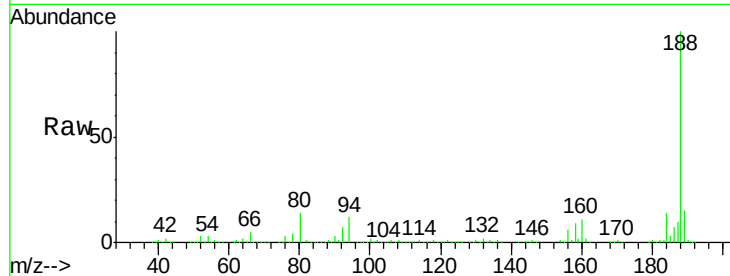




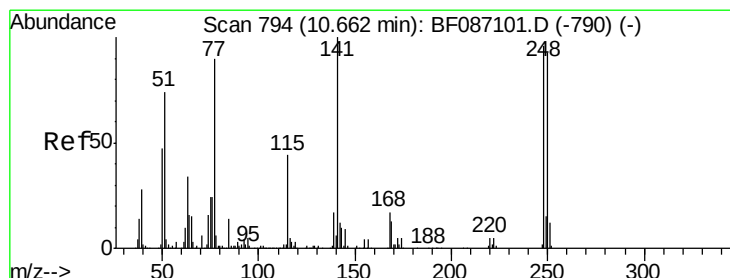
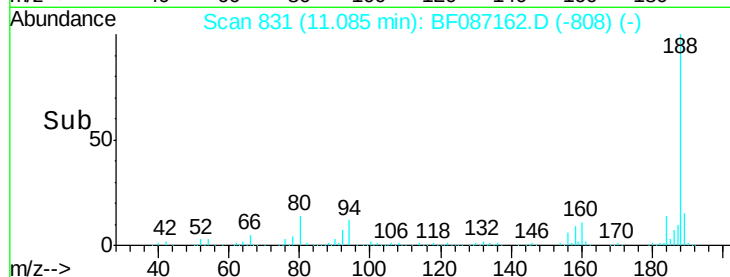
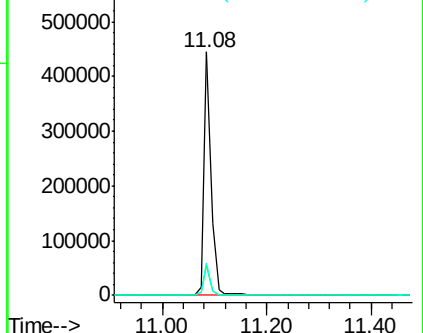
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087162.D
Acq: 19 May 2016 00:09

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

Tgt Ion:188 Resp: 427105
Ion Ratio Lower Upper
188 100
94 12.1 6.8 10.2#
80 13.5 7.1 10.7#

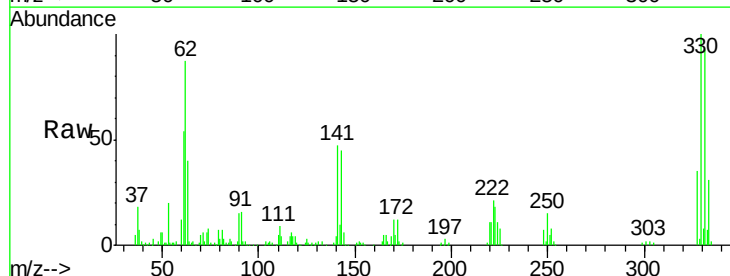


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

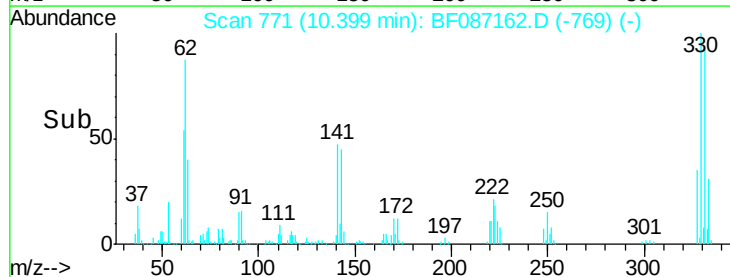
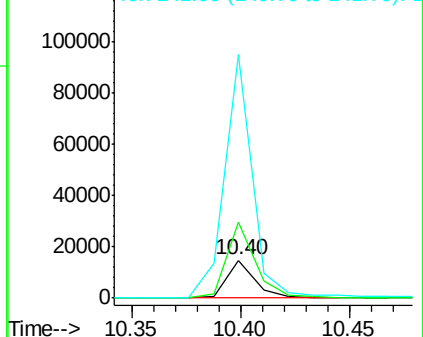


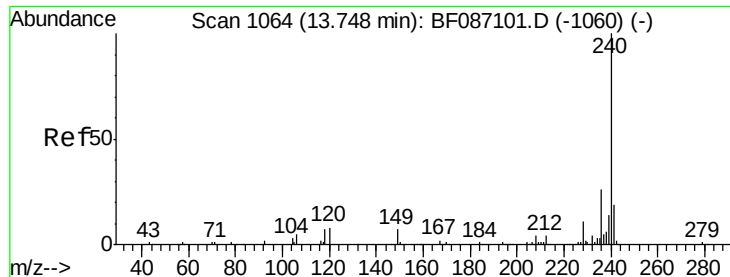
#66
4-Bromophenyl-phenylether
Concen: 3.01 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.27 min
Lab File: BF087162.D
Acq: 19 May 2016 00:09

Tgt Ion:248 Resp: 13221
Ion Ratio Lower Upper
248 100
250 200.0 78.6 117.8#
141 638.5 76.0 114.0#



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: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087162.D

Acq: 19 May 2016 00:09

Instrument :

BNA_F

ClientSampleId :

4-RAMP-AC(0-2)

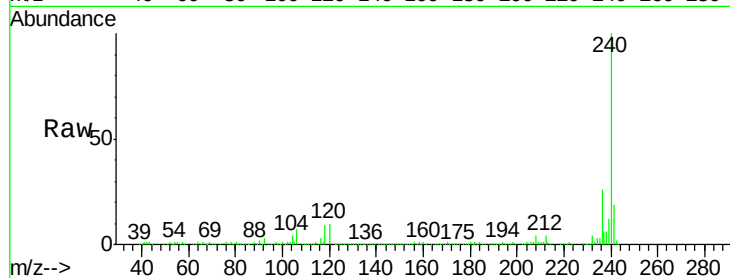
Tgt Ion:240 Resp: 336936

Ion Ratio Lower Upper

240 100

120 10.1 11.2 16.8#

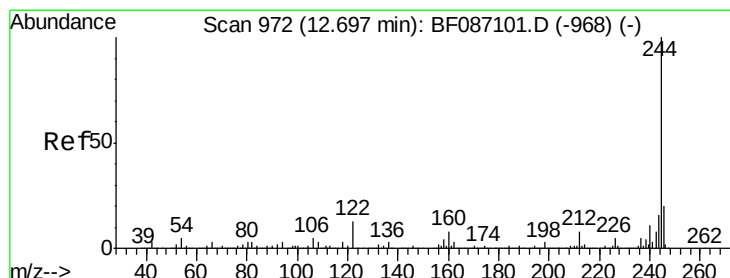
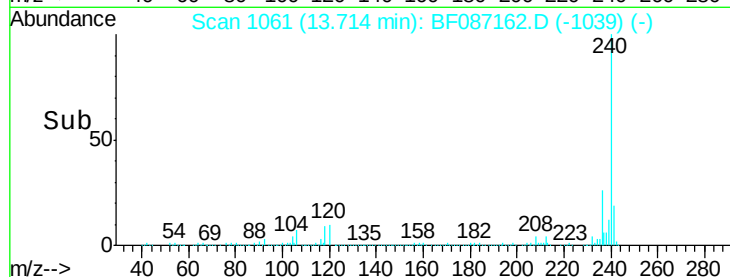
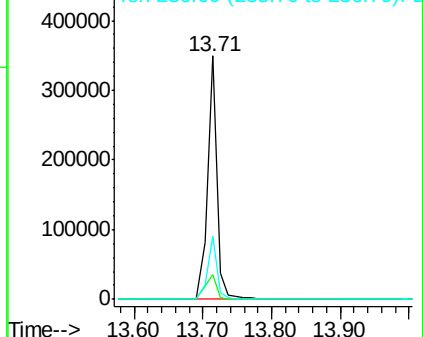
236 26.0 21.2 31.8



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: 51.53 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087162.D

Acq: 19 May 2016 00:09

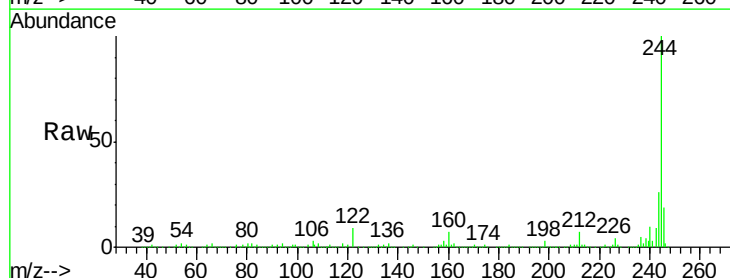
Tgt Ion:244 Resp: 767495

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

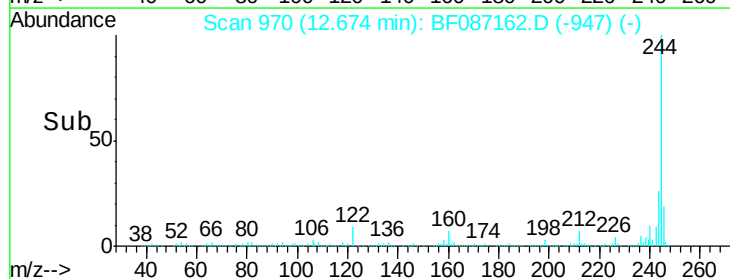
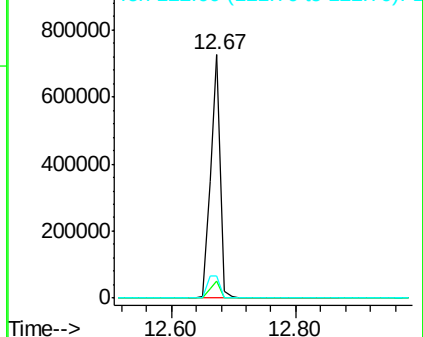
122 8.9 12.0 18.0#

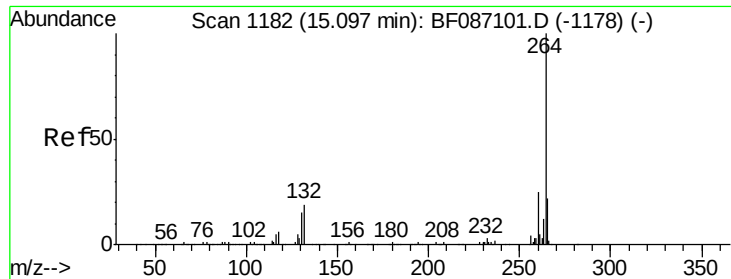


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087162.D
Acq: 19 May 2016 00:09

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

Tgt Ion: 264 Resp: 309008
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.9 17.3 25.9

