

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087157.D
 Acq On : 18 May 2016 21:43
 Operator : UM/SJ
 Sample : H3143-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: May 19 03:52:50 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

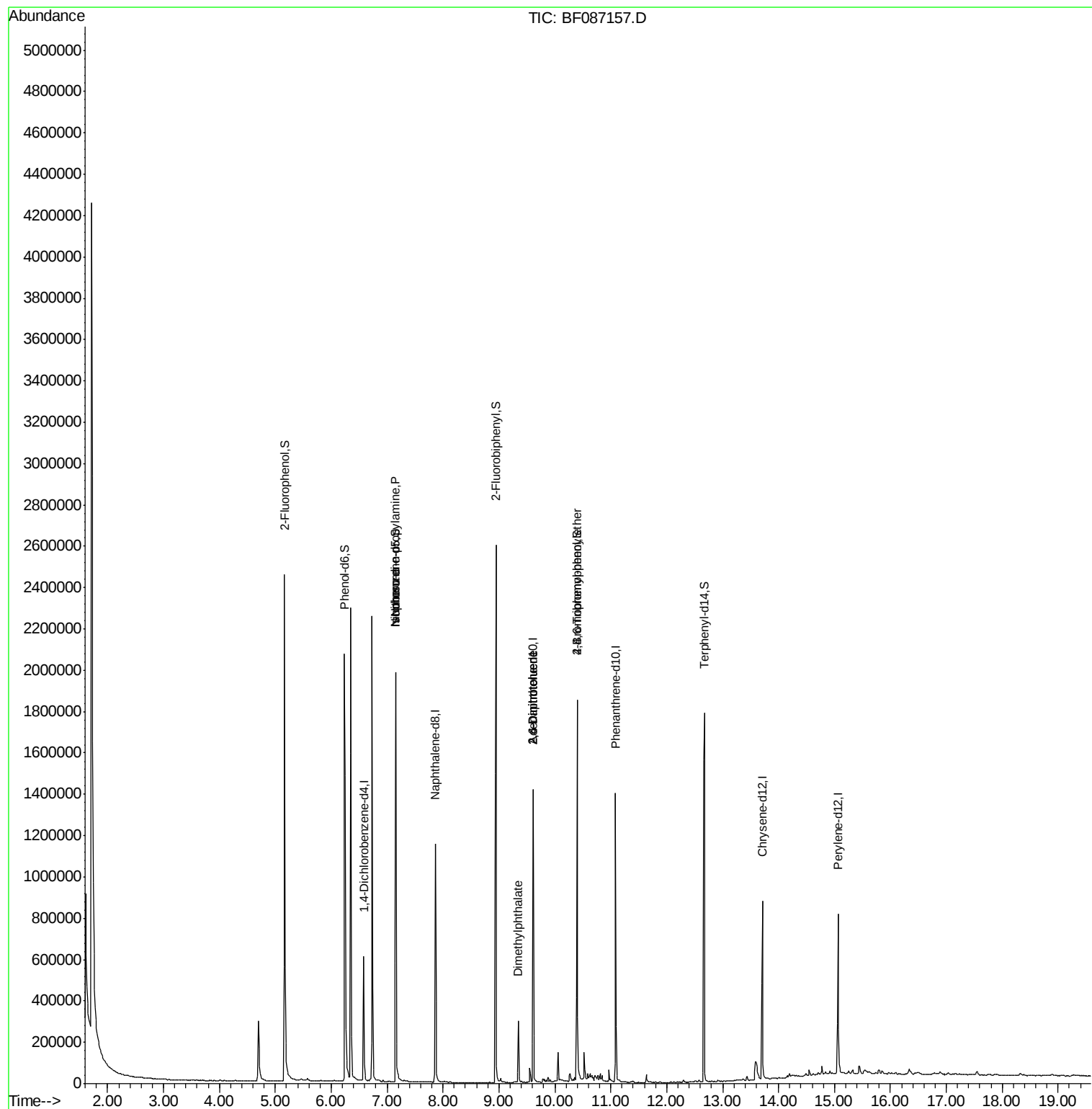
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	129962	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	528642	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	258219	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	482098	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	345305	20.00	ng	-0.05
86) Perylene-d12	15.06	264	315915	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	679673	87.90	ng	-0.03
7) Phenol-d6	6.24	99	900260	86.81	ng	-0.05
23) Nitrobenzene-d5	7.15	82	636222	59.98	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	202224	70.87	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	969008	62.15	ng	-0.03
78) Terphenyl-d14	12.67	244	761307	49.87	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.24	77	1457	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.15	70	89691	11.38	ng	# 76
25) Isophorone	7.15	82	507114	26.12	ng	# 68
49) Dimethylphthalate	9.35	163	108993	5.53	ng	# 99
50) 2,6-Dinitrotoluene	9.61	165	32327	7.56	ng	# 21
56) 2,4-Dinitrotoluene	9.61	165	32327	5.90	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	12950	2.61	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: BF087157.D

Acq: 18 May 2016 21:43

Instrument :

BNA_F

ClientSampleId :

5-RAMP-AC(0-2)

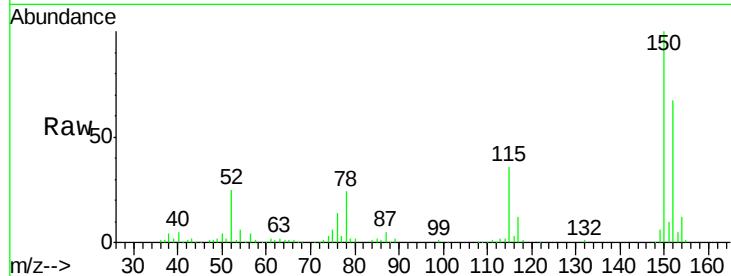
Tgt Ion:152 Resp: 129962

Ion Ratio Lower Upper

152 100

150 149.8 125.8 188.6

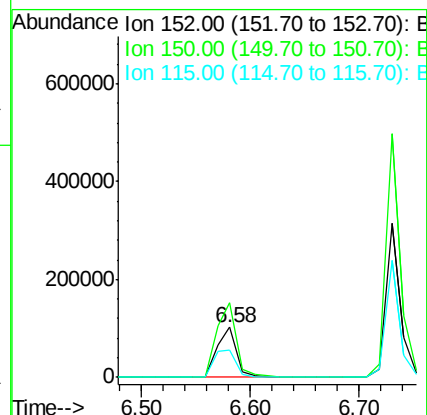
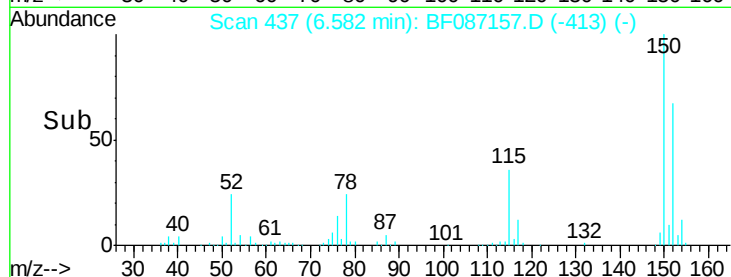
115 54.6 51.5 77.3



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: 87.90 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087157.D

Acq: 18 May 2016 21:43

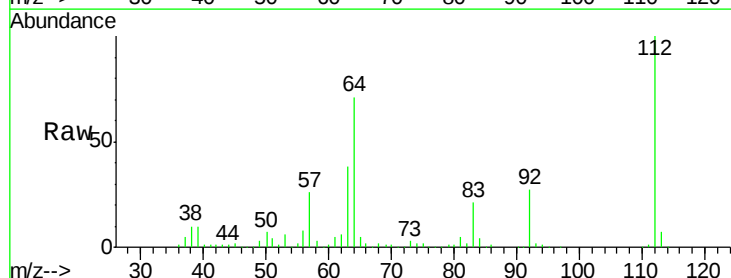
Tgt Ion:112 Resp: 679673

Ion Ratio Lower Upper

112 100

64 71.1 52.1 78.1

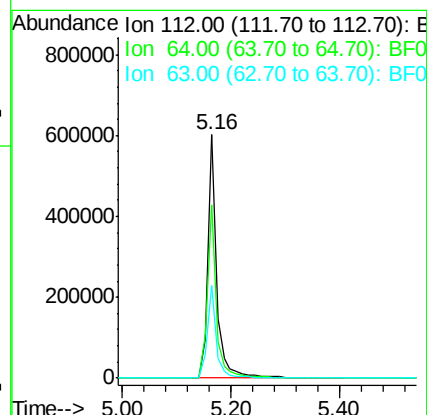
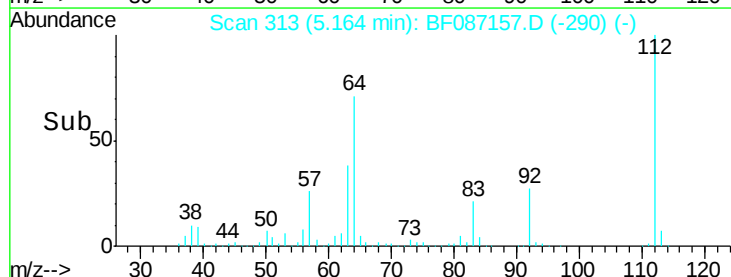
63 38.3 25.7 38.5



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: 86.81 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087157.D

Acq: 18 May 2016 21:43

Instrument :

BNA_F

ClientSampleId :

5-RAMP-AC(0-2)

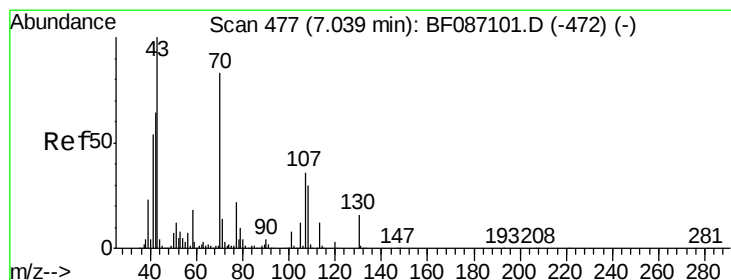
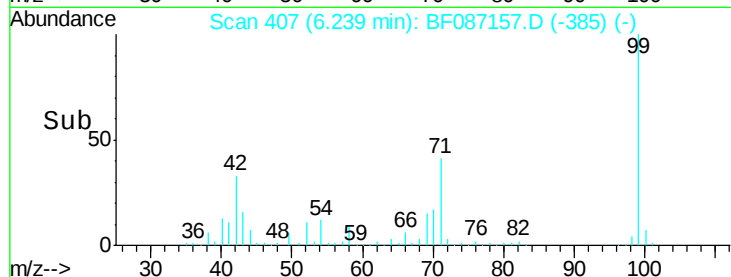
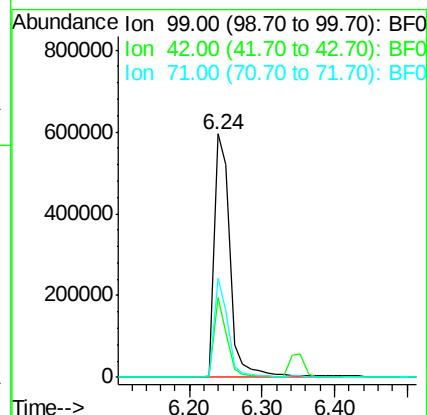
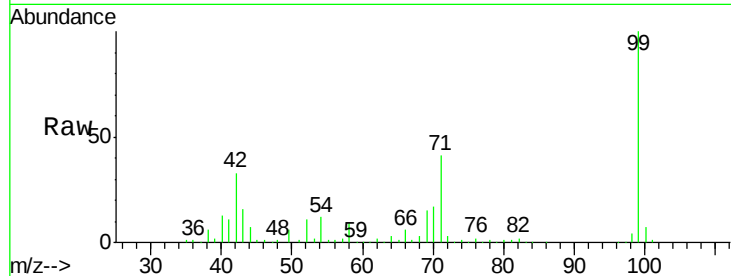
Tgt Ion: 99 Resp: 900260

Ion Ratio Lower Upper

99 100

42 32.9 13.6 20.4#

71 40.7 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 11.38 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.10 min

Lab File: BF087157.D

Acq: 18 May 2016 21:43

Tgt Ion: 70 Resp: 89691

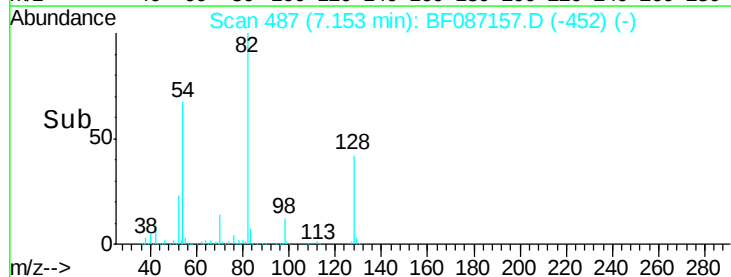
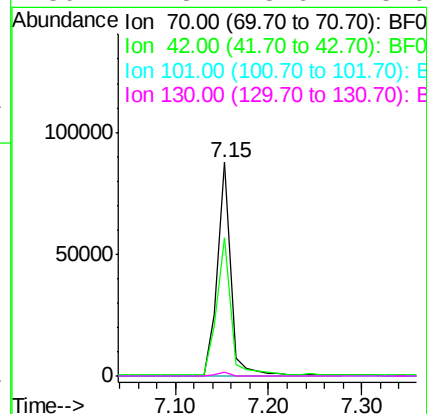
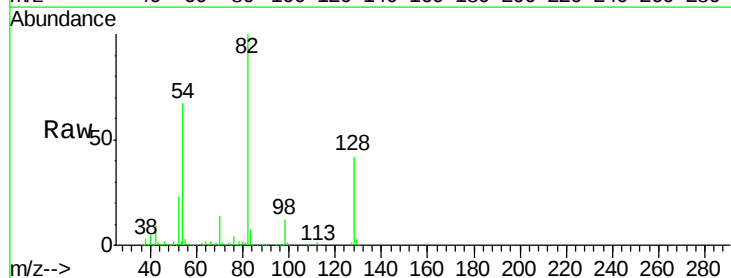
Ion Ratio Lower Upper

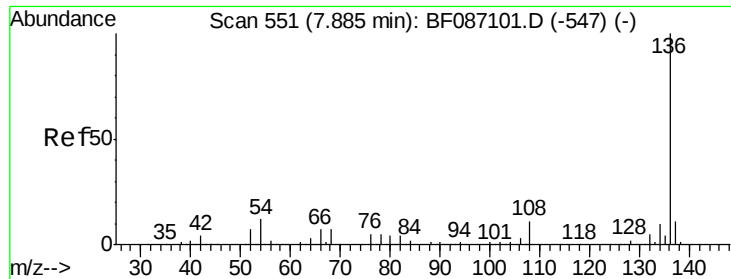
70 100

42 64.7 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

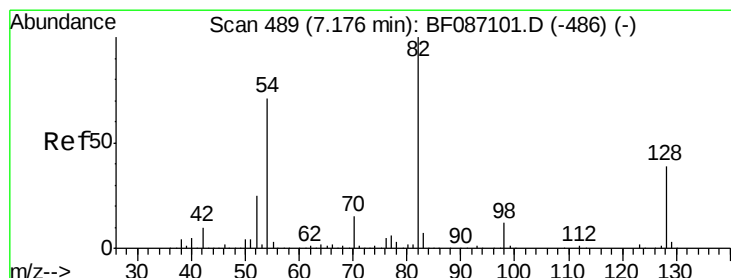
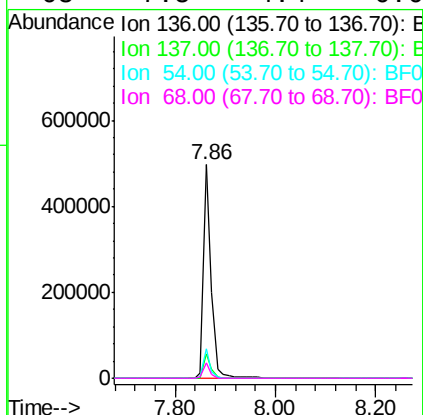
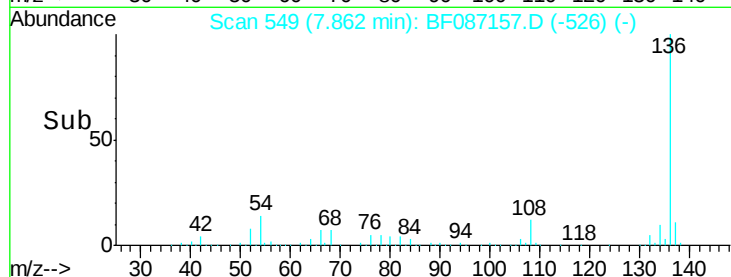
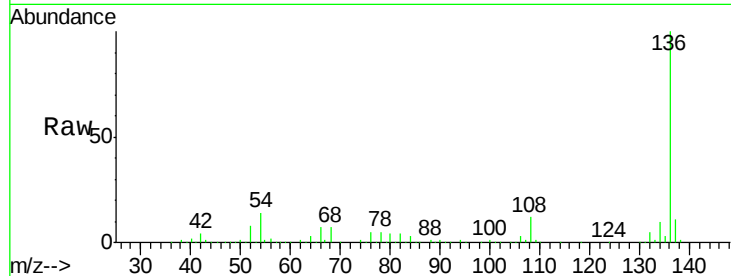




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087157.D
Acq: 18 May 2016 21:43

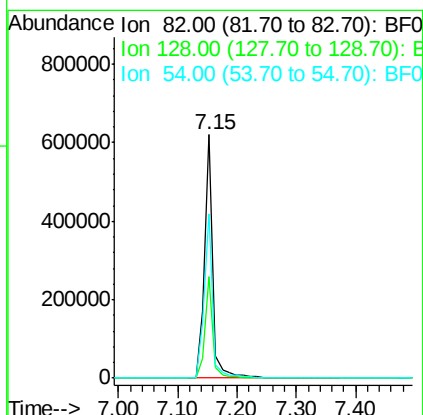
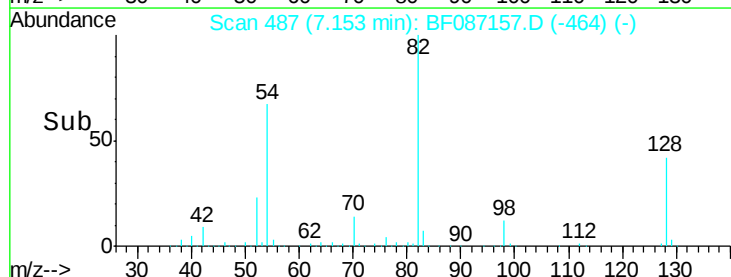
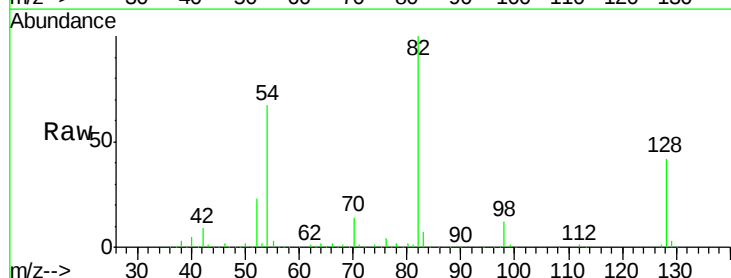
Instrument :
BNA_F
ClientSampleId :
5-RAMP-AC(0-2)

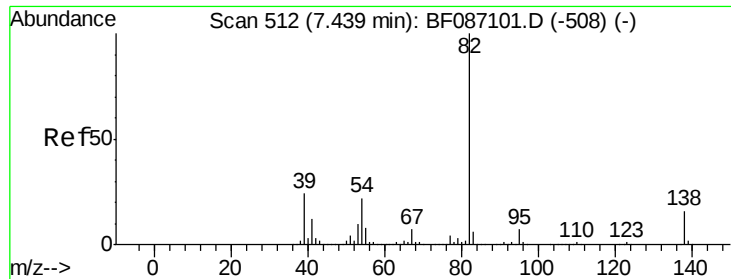
Tgt Ion:	136	Resp:	528642
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.1	5.0	7.4#
68	7.5	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 59.98 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087157.D
Acq: 18 May 2016 21:43

Tgt Ion:	82	Resp:	636222
Ion	Ratio	Lower	Upper
82	100		
128	41.5	40.6	61.0
54	67.4	38.1	57.1#





#25

Isophorone

Concen: 26.12 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.30 min

Lab File: BF087157.D

Acq: 18 May 2016 21:43

Instrument :

BNA_F

ClientSampleId :

5-RAMP-AC(0-2)

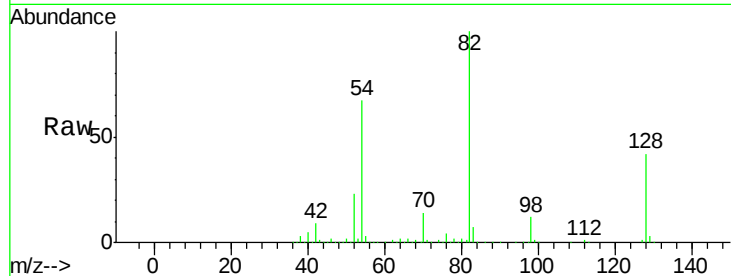
Tgt Ion: 82 Resp: 507114

Ion Ratio Lower Upper

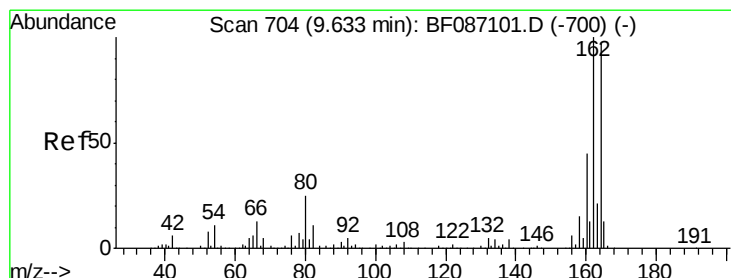
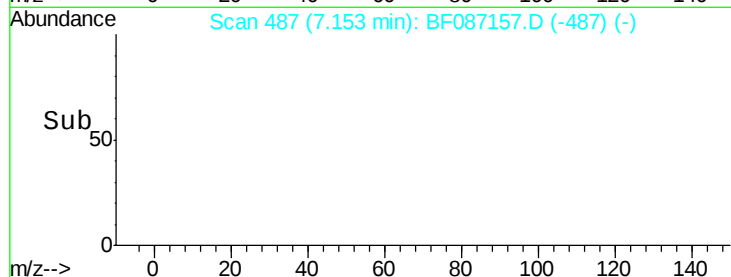
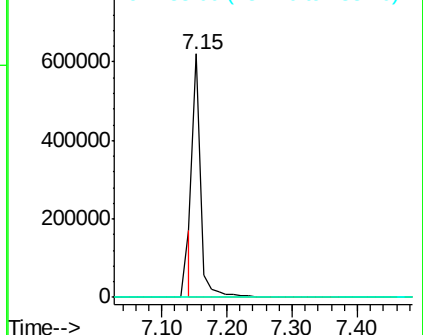
82 100

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: BF087157.D

Acq: 18 May 2016 21:43

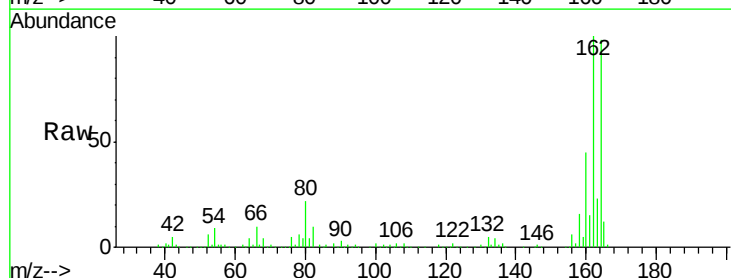
Tgt Ion: 164 Resp: 258219

Ion Ratio Lower Upper

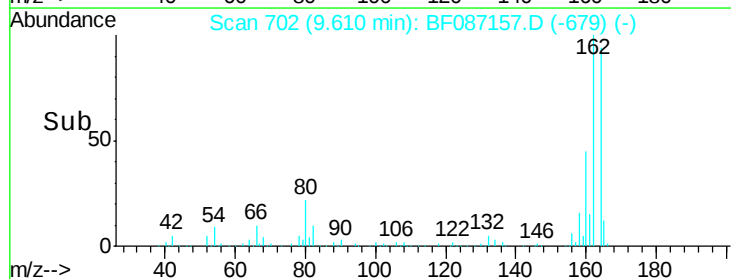
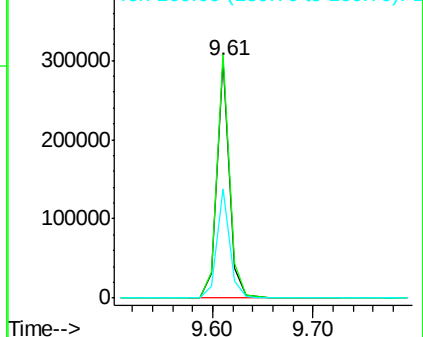
164 100

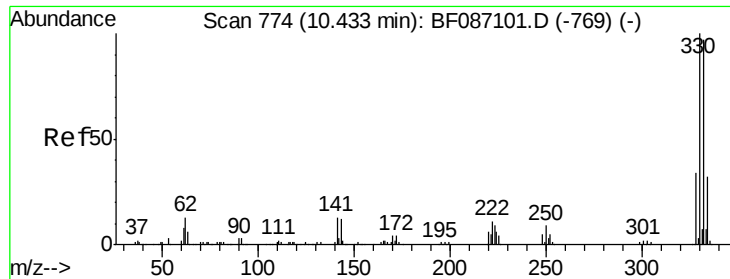
162 102.2 82.8 124.2

160 45.7 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

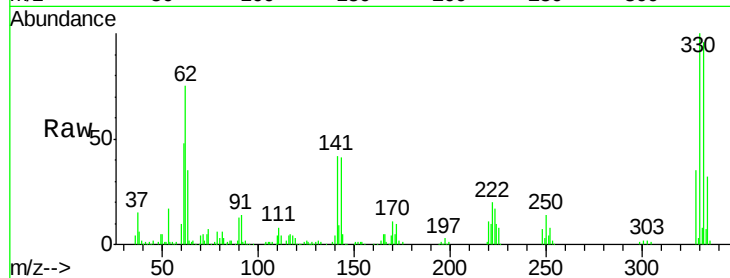




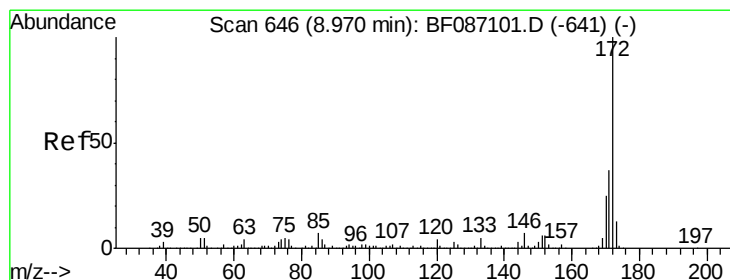
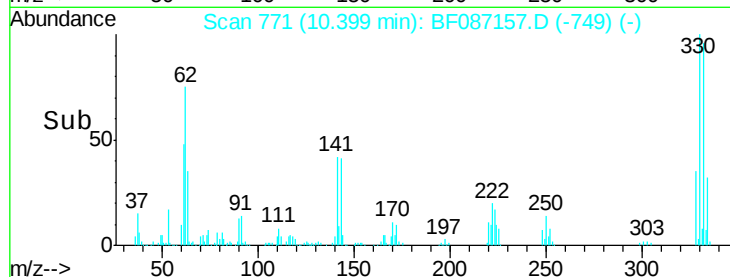
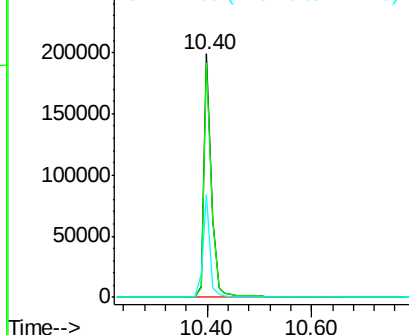
#41
 2,4,6-Tribromophenol
 Concen: 70.87 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087157.D
 Acq: 18 May 2016 21:43

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

Tgt Ion:330 Resp: 202224
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 40.0 31.2 46.8

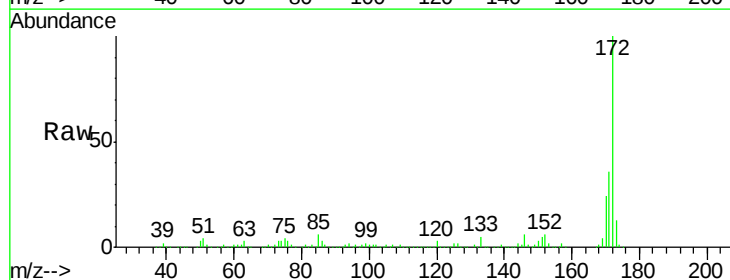


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

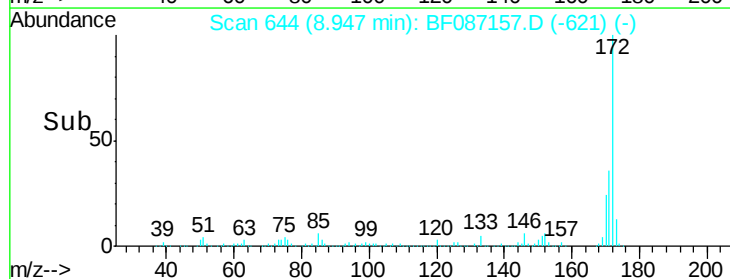
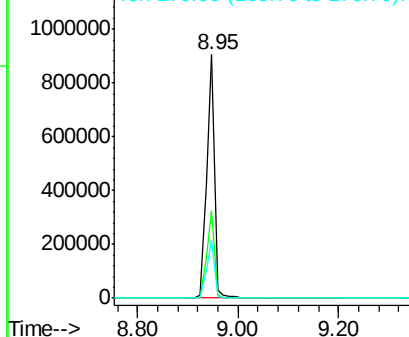


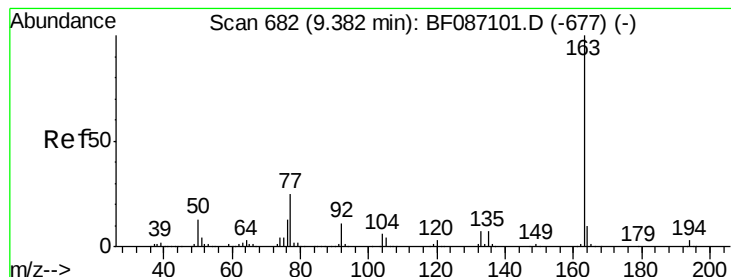
#44
 2-Fluorobiphenyl
 Concen: 62.15 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087157.D
 Acq: 18 May 2016 21:43

Tgt Ion:172 Resp: 969008
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.1 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: 5.53 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF087157.D

Acq: 18 May 2016 21:43

Instrument :

BNA_F

ClientSampleId :

5-RAMP-AC(0-2)

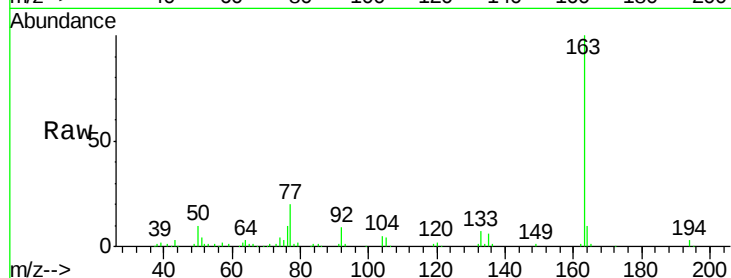
Tgt Ion:163 Resp: 108993

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

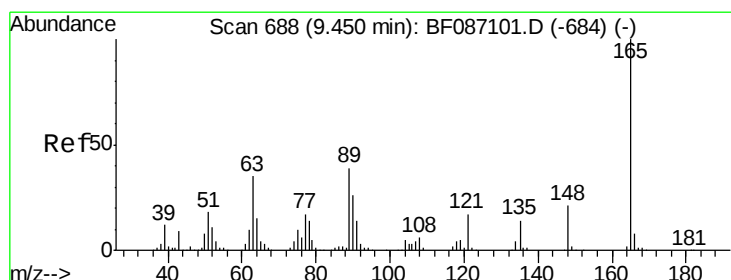
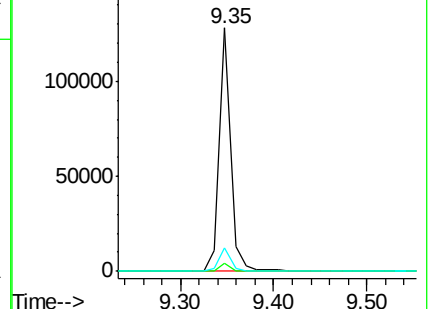
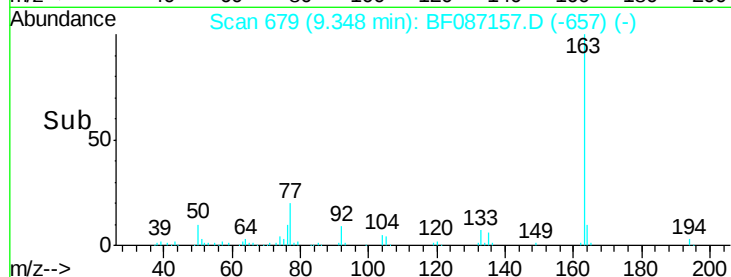
164 9.9 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 7.56 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.15 min

Lab File: BF087157.D

Acq: 18 May 2016 21:43

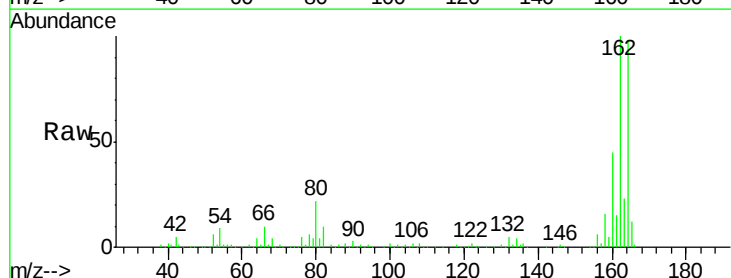
Tgt Ion:165 Resp: 32327

Ion Ratio Lower Upper

165 100

63 2.0 51.8 77.8#

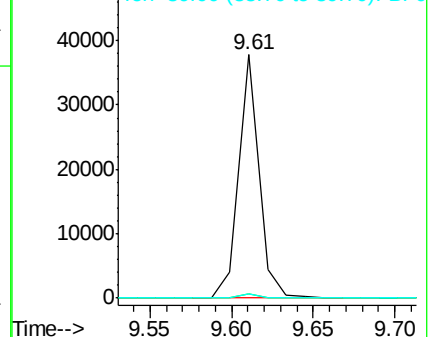
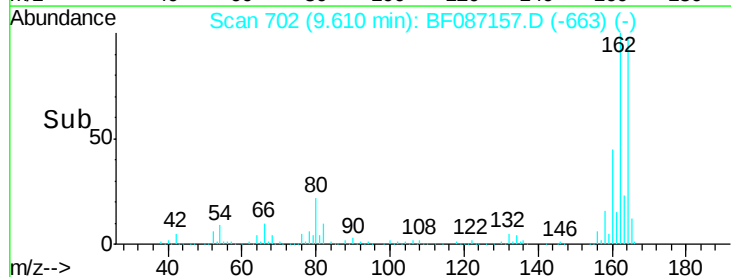
89 2.0 50.7 76.1#

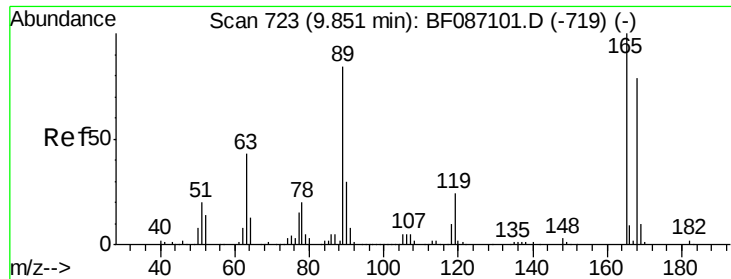


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

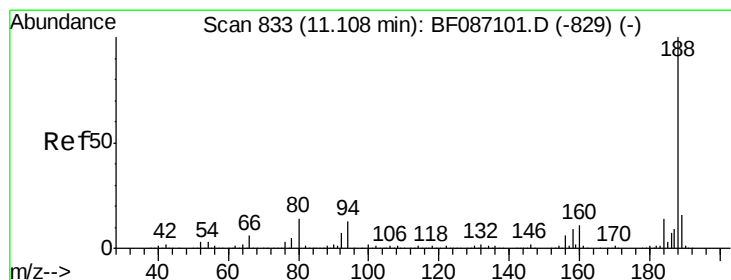
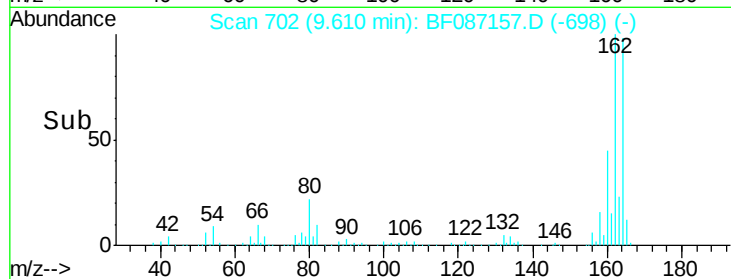
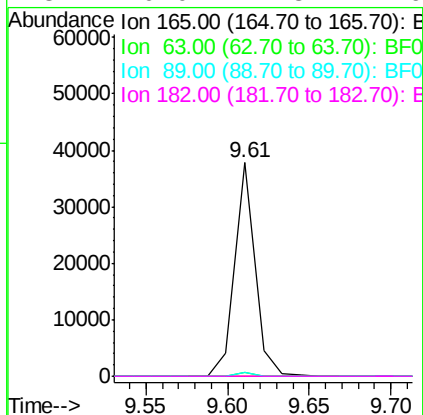
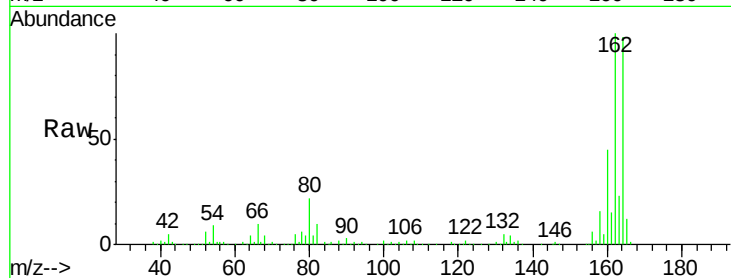




#56
 2,4-Dinitrotoluene
 Concen: 5.90 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.25 min
 Lab File: BF087157.D
 Acq: 18 May 2016 21:43

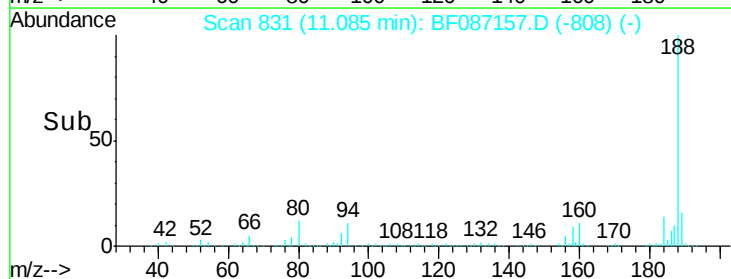
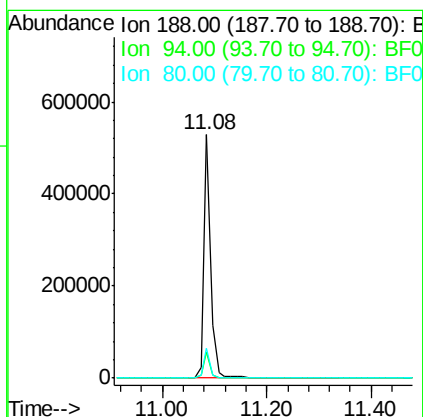
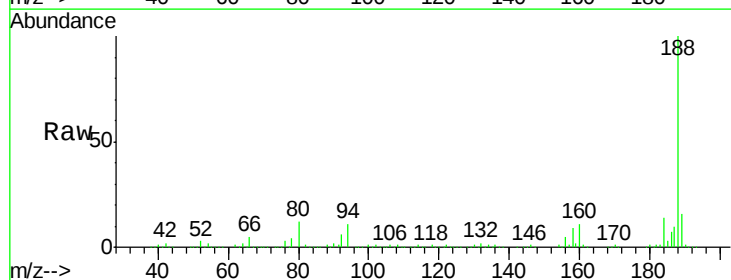
Instrument :
 BNA_F
 ClientSampleId :
 5-RAMP-AC(0-2)

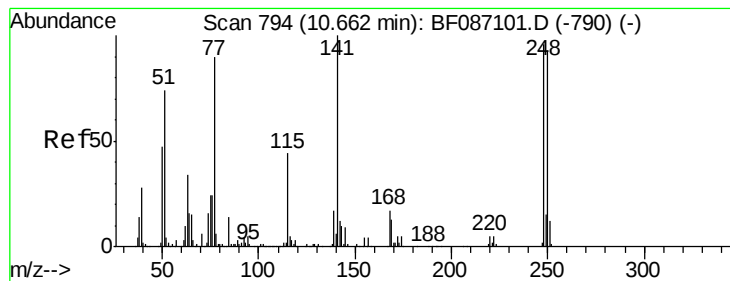
Tgt Ion:165 Resp: 32327
 Ion Ratio Lower Upper
 165 100
 63 2.0 44.3 66.5#
 89 2.0 70.0 105.0#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF087157.D
 Acq: 18 May 2016 21:43

Tgt Ion:188 Resp: 482098
 Ion Ratio Lower Upper
 188 100
 94 10.8 6.8 10.2#
 80 12.4 7.1 10.7#





#66

4-Bromophenyl-phenylether

Concen: 2.61 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.27 min

Lab File: BF087157.D

Acq: 18 May 2016 21:43

Instrument :

BNA_F

ClientSampleId :

5-RAMP-AC(0-2)

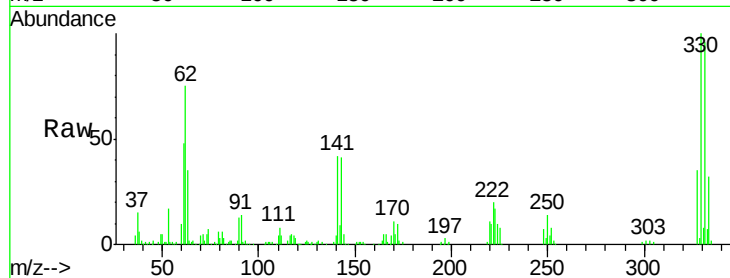
Tgt Ion:248 Resp: 12950

Ion Ratio Lower Upper

248 100

250 187.9 78.6 117.8#

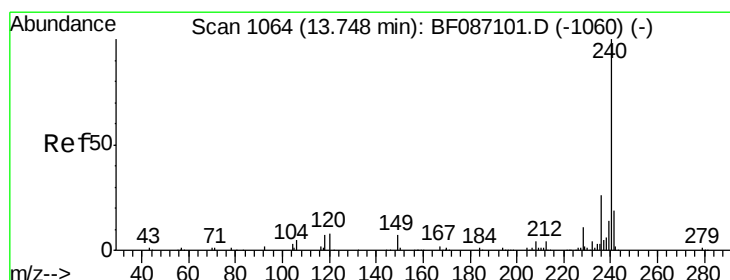
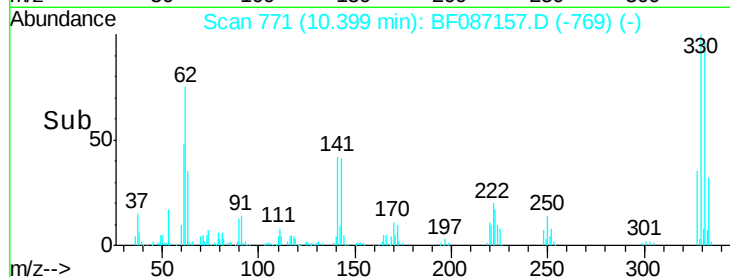
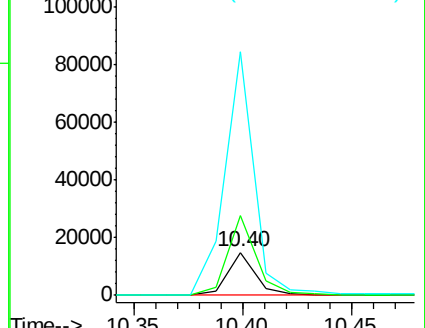
141 570.5 76.0 114.0#



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: BF087157.D

Acq: 18 May 2016 21:43

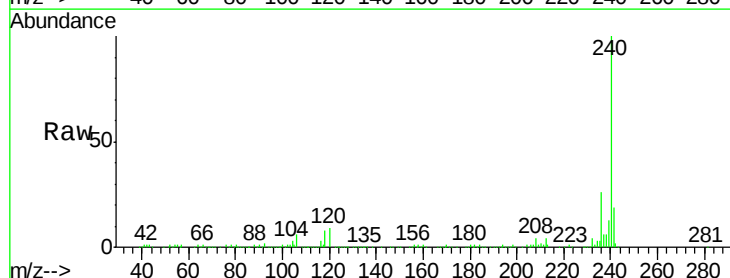
Tgt Ion:240 Resp: 345305

Ion Ratio Lower Upper

240 100

120 8.8 11.2 16.8#

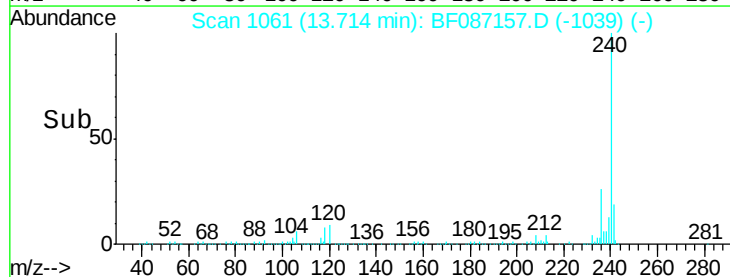
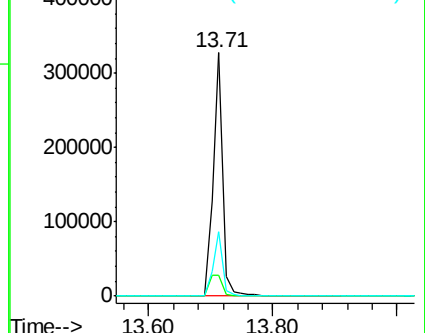
236 26.4 21.2 31.8

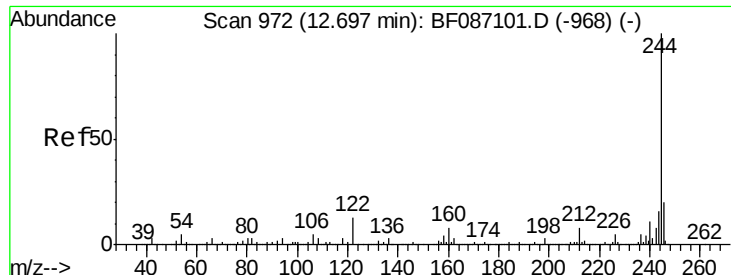


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

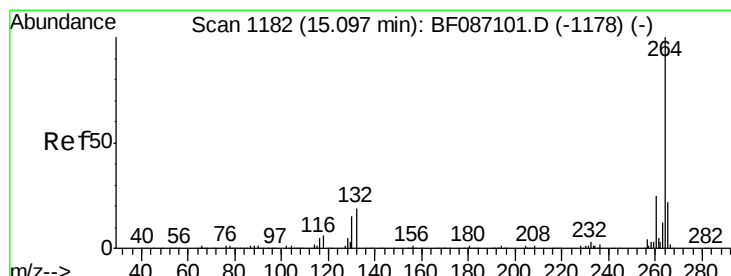
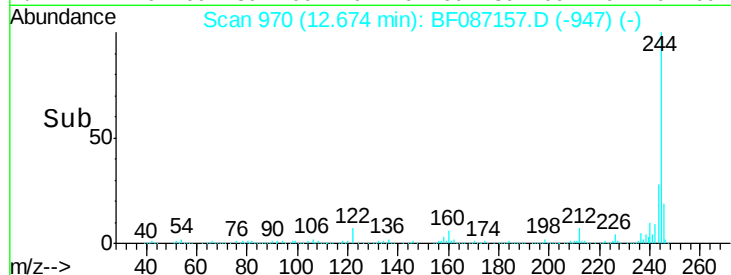
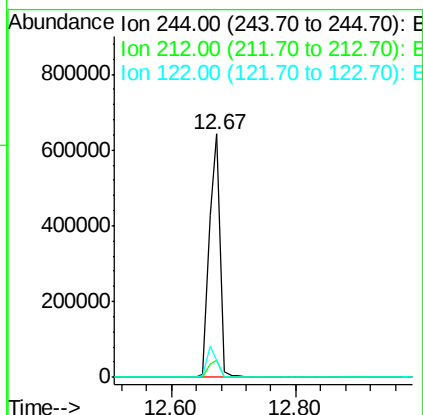
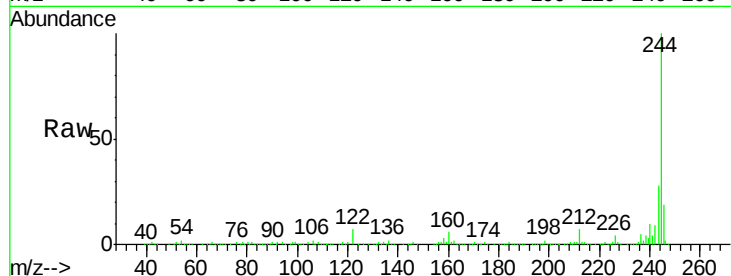




#78
 Terphenyl-d14
 Concen: 49.87 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.03 min
 Lab File: BF087157.D
 Acq: 18 May 2016 21:43

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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	7.1	12.0	18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF087157.D
 Acq: 18 May 2016 21:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.8	17.3	25.9

