

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087154.D
 Acq On : 18 May 2016 20:16
 Operator : UM/SJ
 Sample : H3143-25
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-AB-AC(0-2)

Quant Time: May 19 03:52:13 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

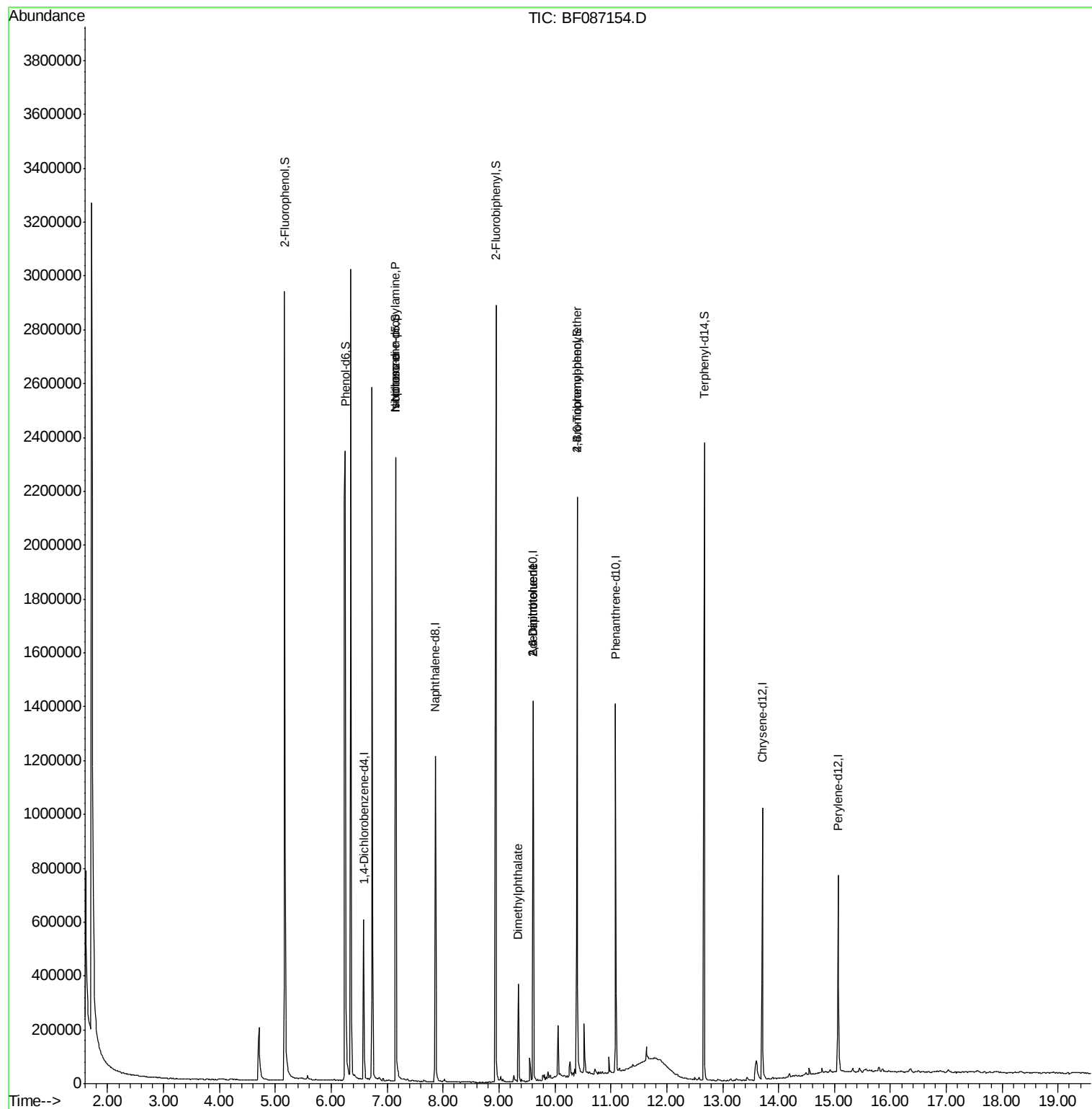
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	125035	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	530628	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	255203	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	472842	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	364589	20.00	ng	-0.05
86) Perylene-d12	15.06	264	308419	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	785984	105.66	ng	-0.03
7) Phenol-d6	6.25	99	1116357	111.89	ng	-0.03
23) Nitrobenzene-d5	7.15	82	749593	70.40	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	234120	83.02	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1075846	69.82	ng	-0.03
78) Terphenyl-d14	12.67	244	854924	53.04	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	106989	14.11	ng	# 77
25) Isophorone	7.15	82	578909	29.70	ng	# 68
49) Dimethylphthalate	9.35	163	133602	6.86	ng	99
50) 2,6-Dinitrotoluene	9.61	165	33060	7.82	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	33060	6.11	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	14547	2.99	ng	# 1

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

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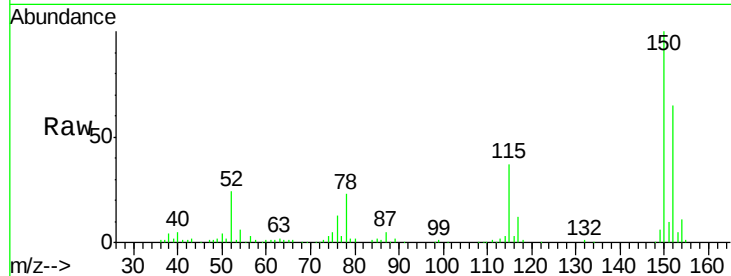


#1

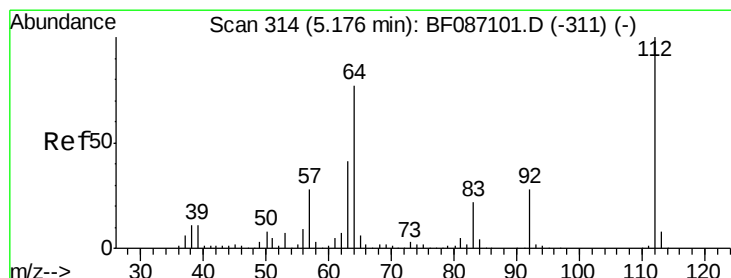
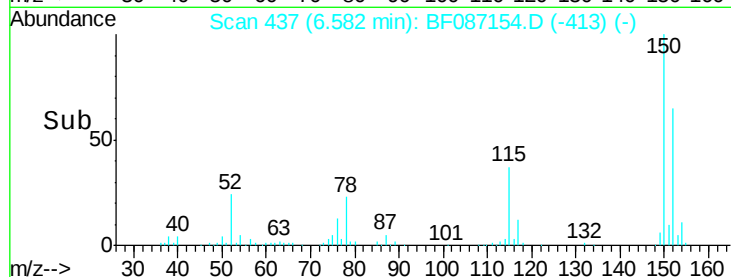
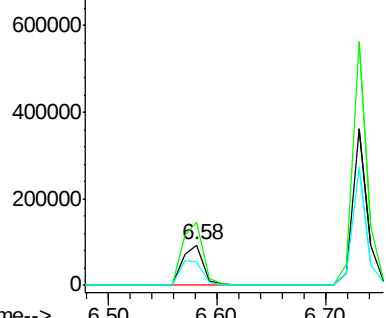
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087154.D
Acq: 18 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
1-AB-AC(0-2)

Tgt Ion:152 Resp: 125035
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 57.6 51.5 77.3



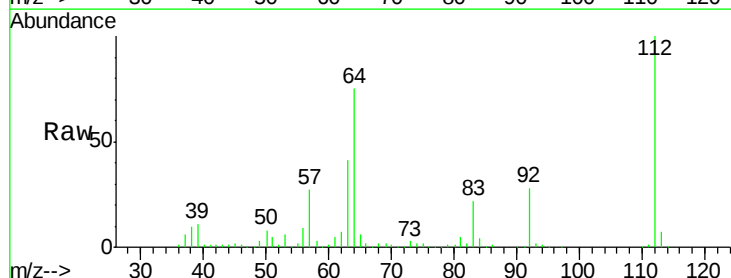
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



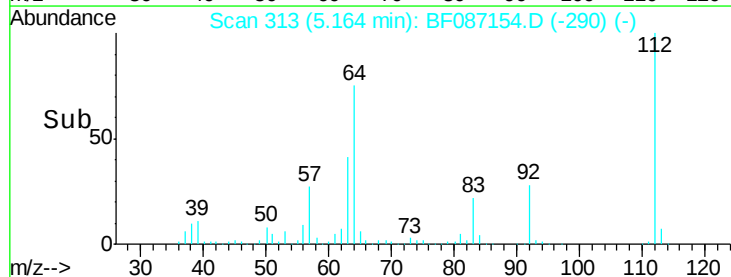
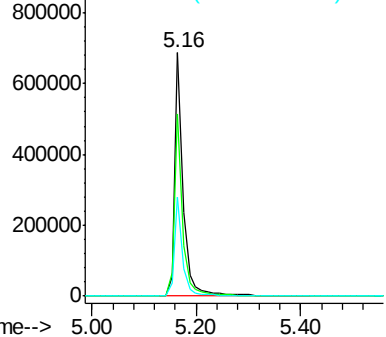
#5

2-Fluorophenol
Concen: 105.66 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087154.D
Acq: 18 May 2016 20:16

Tgt Ion:112 Resp: 785984
Ion Ratio Lower Upper
112 100
64 74.8 52.1 78.1
63 40.9 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: 111.89 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087154.D

Acq: 18 May 2016 20:16

Instrument :

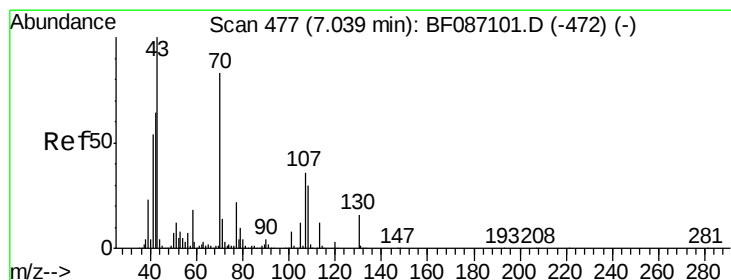
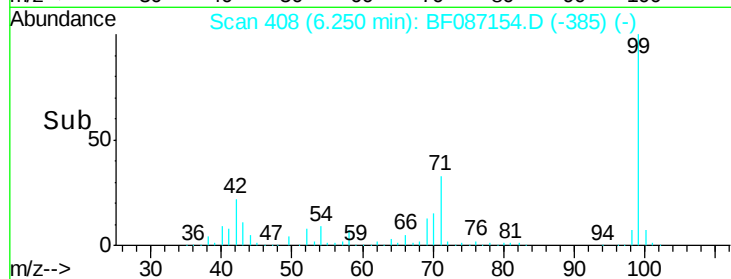
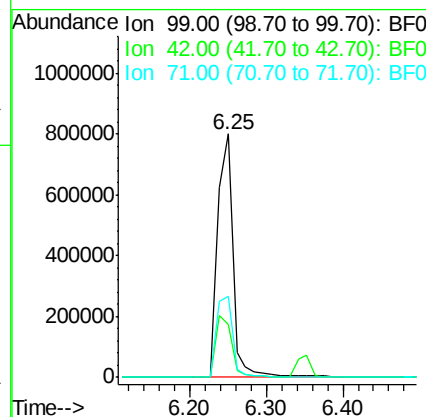
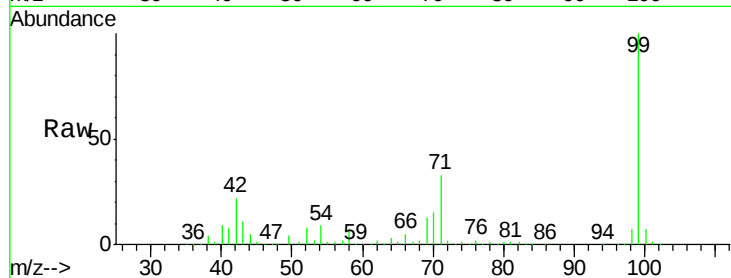
BNA_F

ClientSampleId :

1-AB-AC(0-2)

Tgt Ion: 99 Resp: 1116357

Ion	Ratio	Lower	Upper
99	100		
42	21.8	13.6	20.4#
71	33.2	24.6	36.8



#19

n-Nitroso-di-n-propylamine

Concen: 14.11 ng

RT: 7.15 min Scan# 487

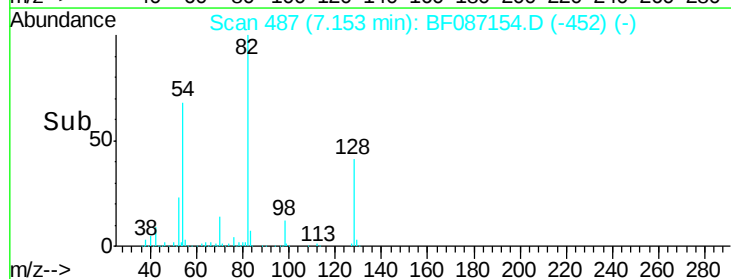
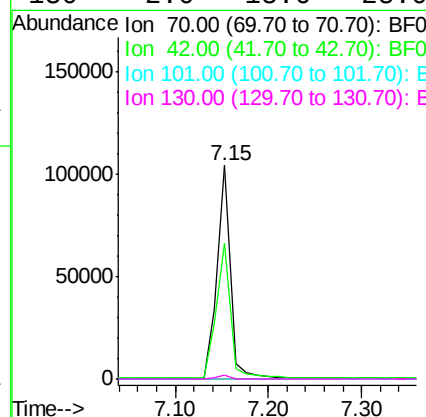
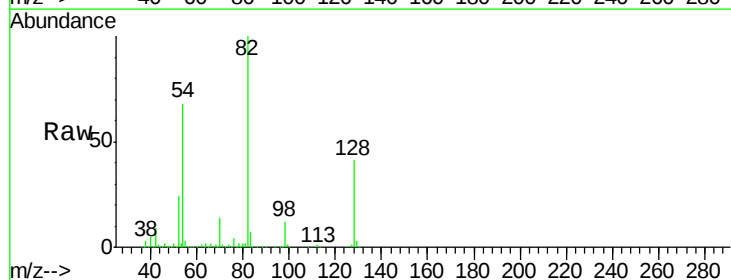
Delta R.T. 0.10 min

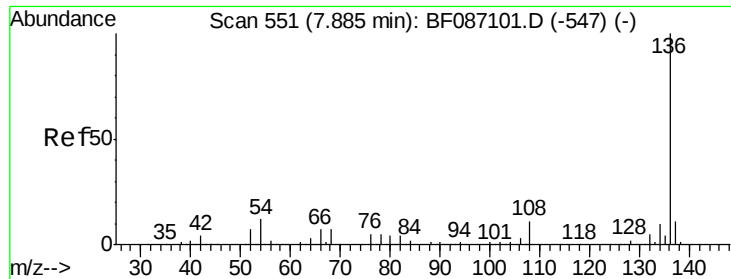
Lab File: BF087154.D

Acq: 18 May 2016 20:16

Tgt Ion: 70 Resp: 106989

Ion	Ratio	Lower	Upper
70	100		
42	63.5	43.1	64.7
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#

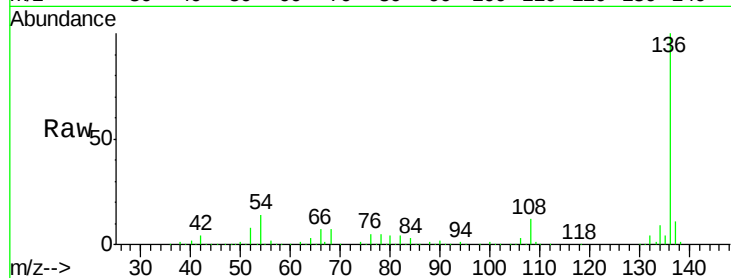




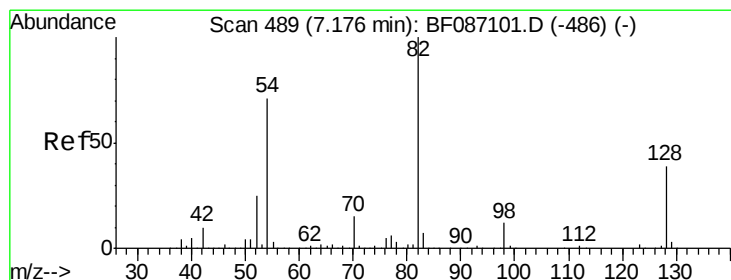
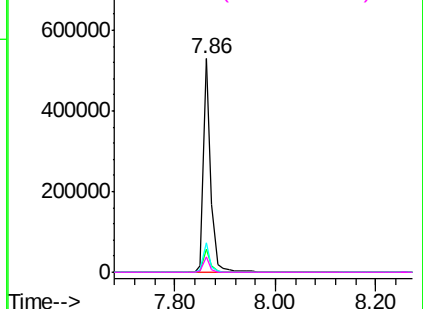
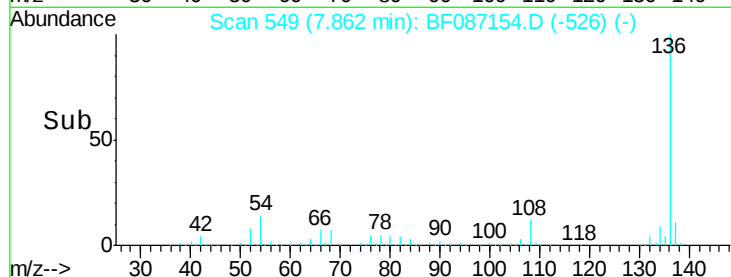
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087154.D
Acq: 18 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
1-AB-AC(0-2)

Tgt Ion:	136	Resp:	530628
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	13.6	5.0	7.4#
68	7.2	4.4	6.6#

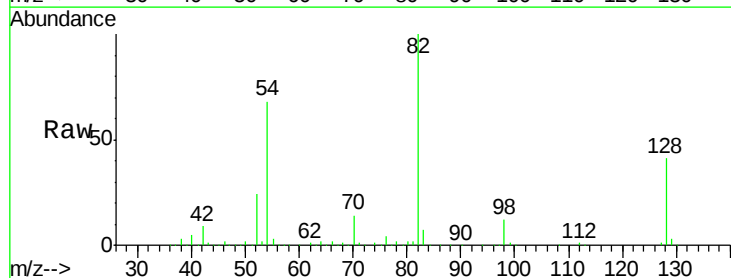


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

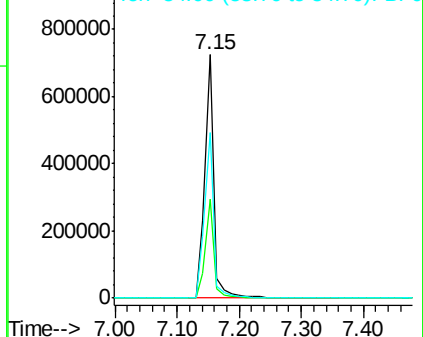
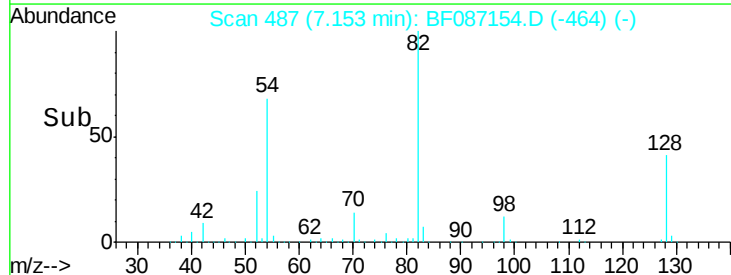


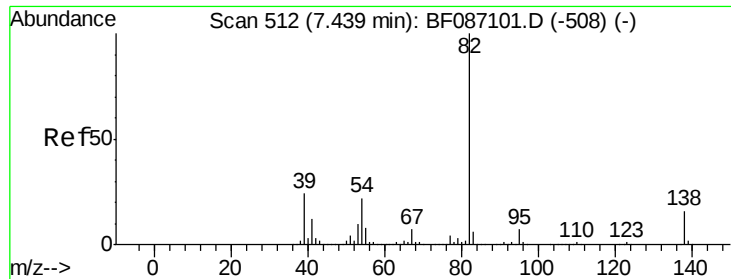
#23
Nitrobenzene-d5
Concen: 70.40 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087154.D
Acq: 18 May 2016 20:16

Tgt Ion:	82	Resp:	749593
Ion	Ratio	Lower	Upper
82	100		
128	40.7	40.6	61.0
54	67.8	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: 29.70 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.30 min

Lab File: BF087154.D

Acq: 18 May 2016 20:16

Instrument :

BNA_F

ClientSampleId :

1-AB-AC(0-2)

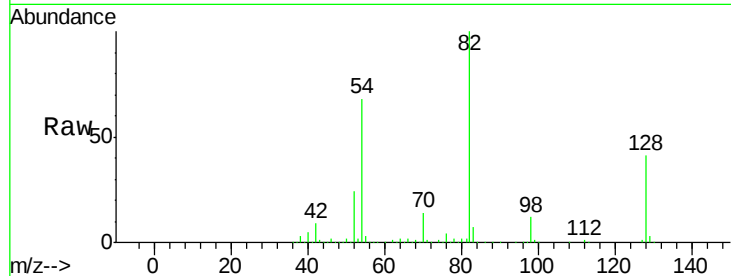
Tgt Ion: 82 Resp: 578909

Ion Ratio Lower Upper

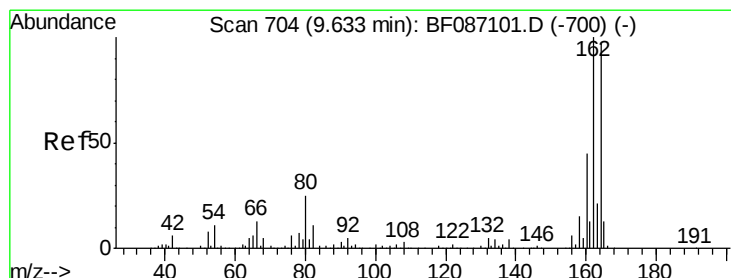
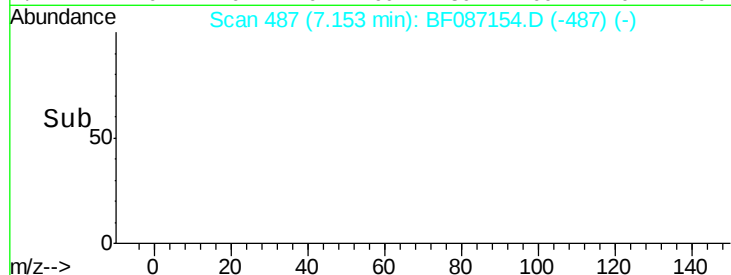
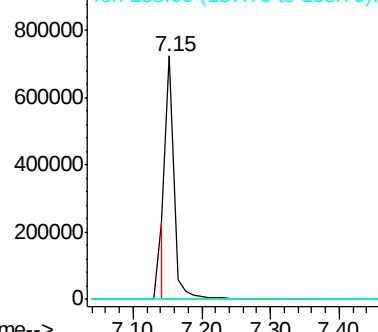
82 100

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: BF087154.D

Acq: 18 May 2016 20:16

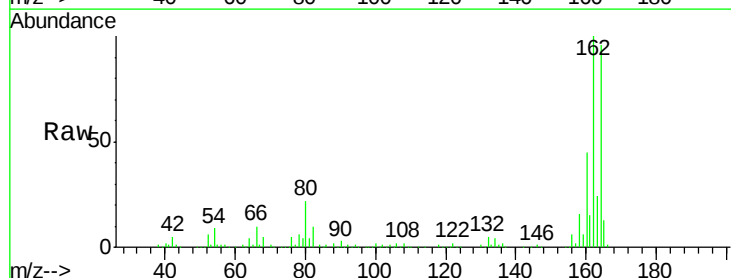
Tgt Ion: 164 Resp: 255203

Ion Ratio Lower Upper

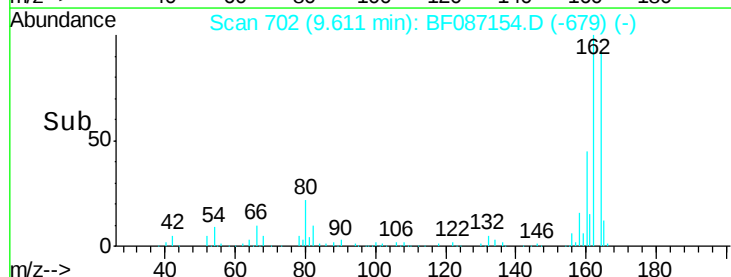
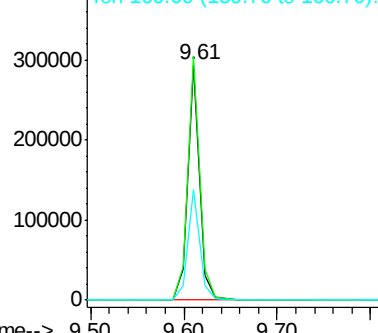
164 100

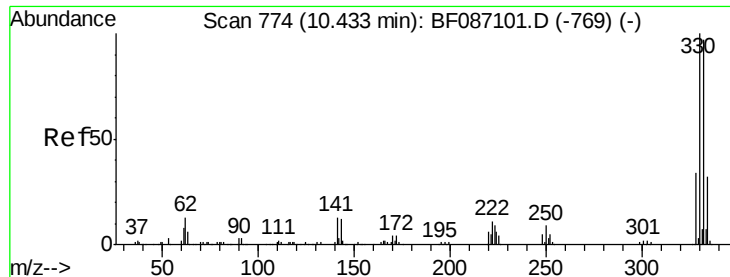
162 103.6 82.8 124.2

160 46.9 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

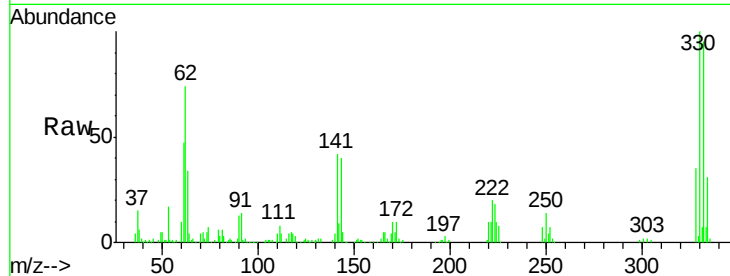




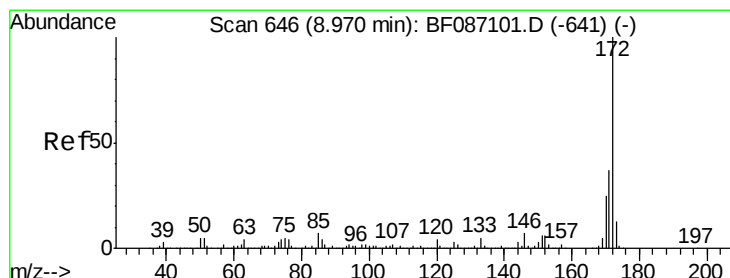
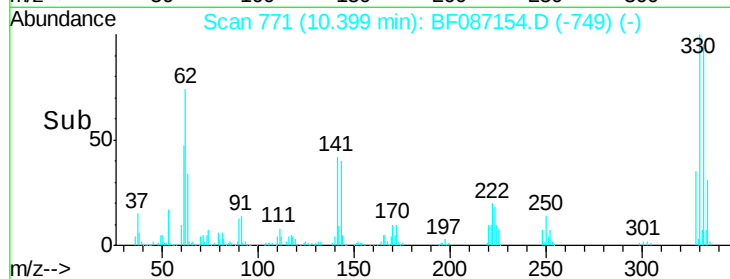
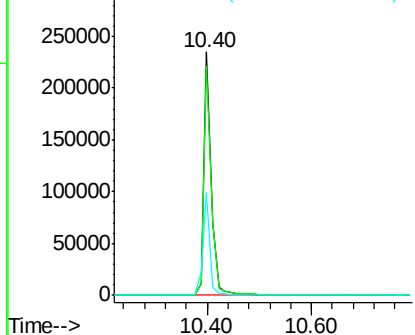
#41
 2,4,6-Tribromophenol
 Concen: 83.02 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087154.D
 Acq: 18 May 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 1-AB-AC(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.0	118.4
141	39.9	31.2	46.8

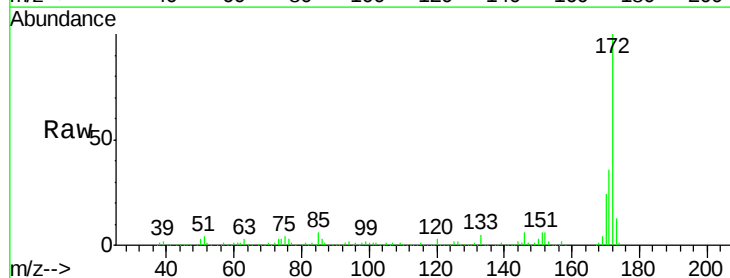


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

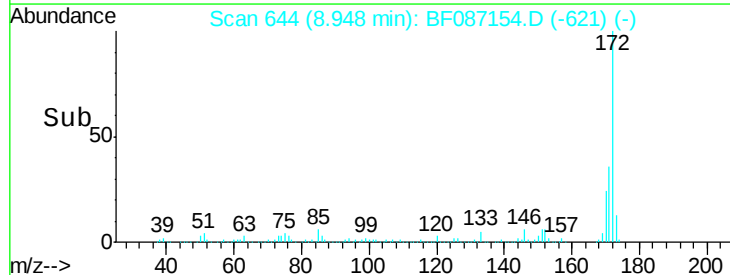
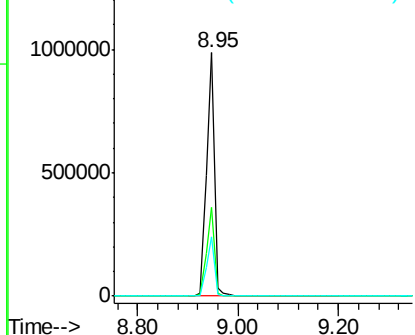


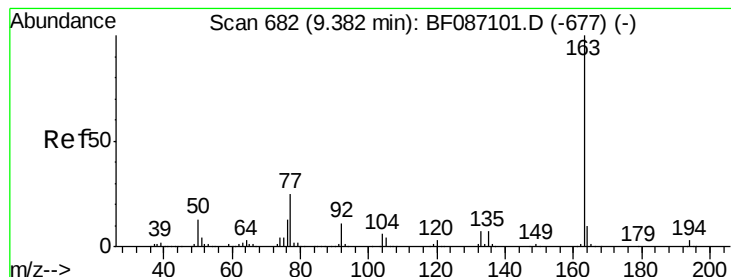
#44
 2-Fluorobiphenyl
 Concen: 69.82 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087154.D
 Acq: 18 May 2016 20:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.5	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: 6.86 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF087154.D

Acq: 18 May 2016 20:16

Instrument :

BNA_F

ClientSampleId :

1-AB-AC(0-2)

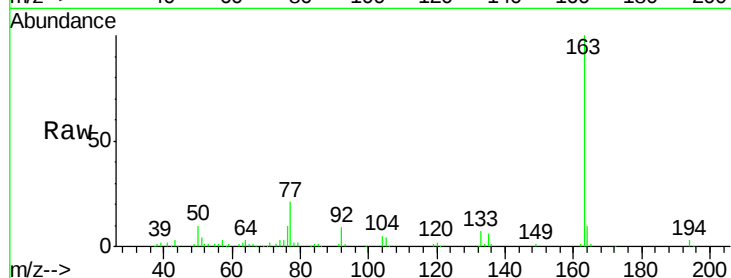
Tgt Ion:163 Resp: 133602

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

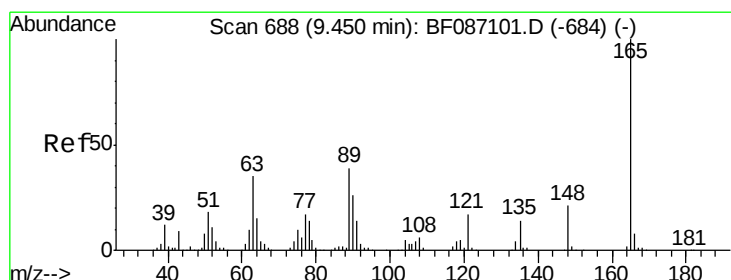
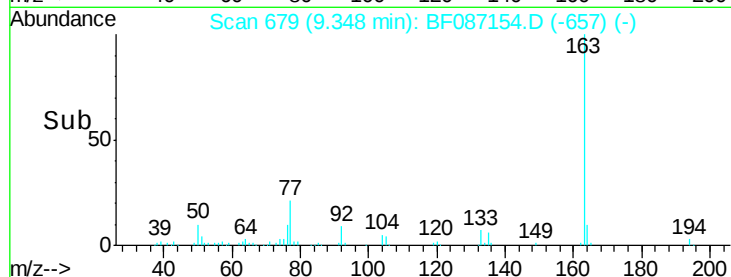
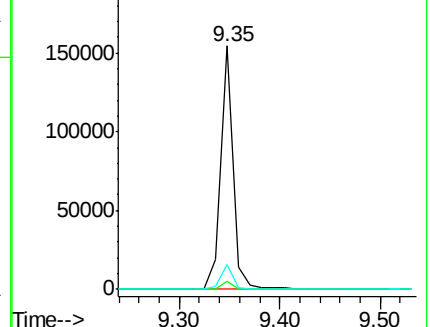
164 10.0 8.2 12.4



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: 7.82 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.15 min

Lab File: BF087154.D

Acq: 18 May 2016 20:16

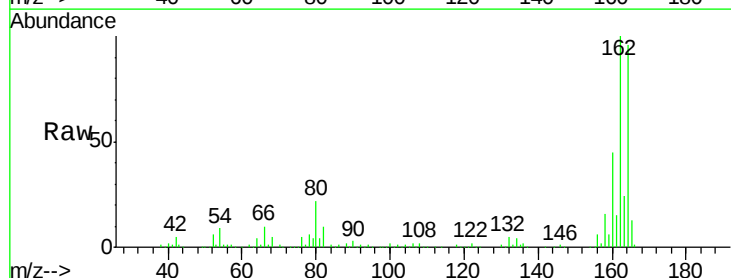
Tgt Ion:165 Resp: 33060

Ion Ratio Lower Upper

165 100

63 1.8 51.8 77.8#

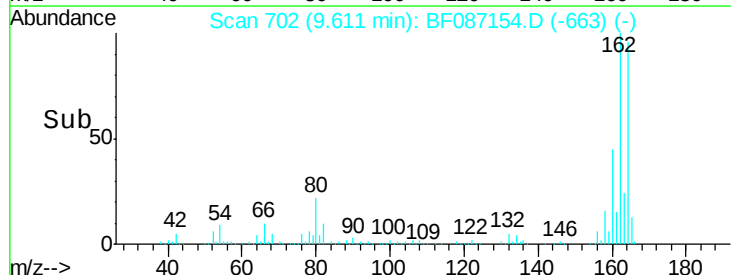
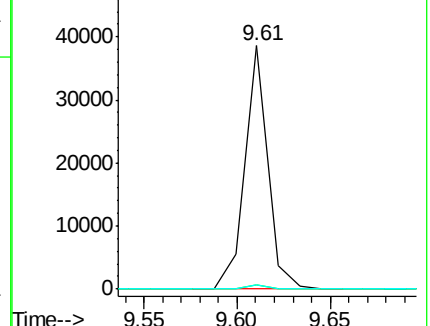
89 1.7 50.7 76.1#

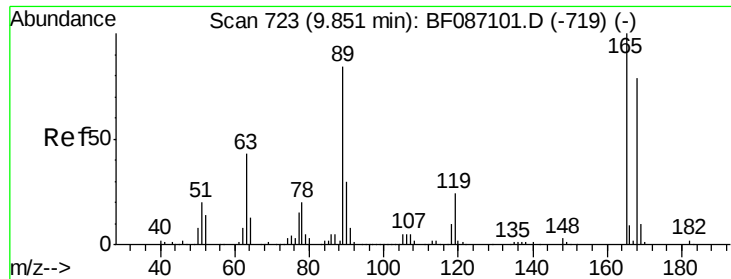


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

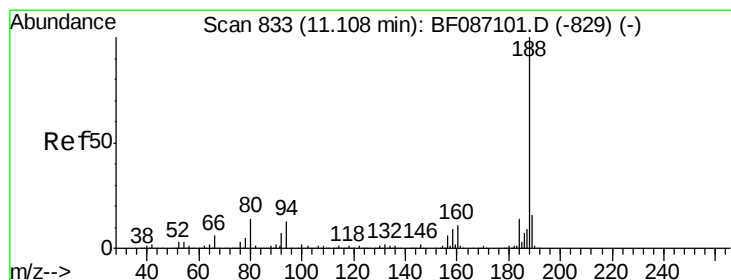
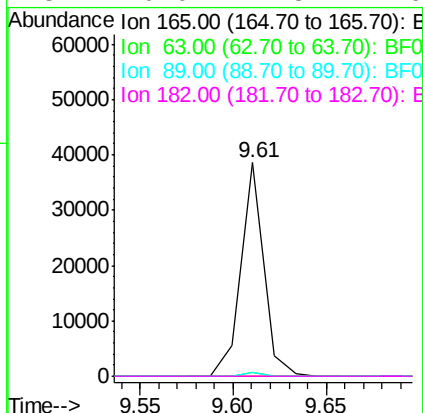
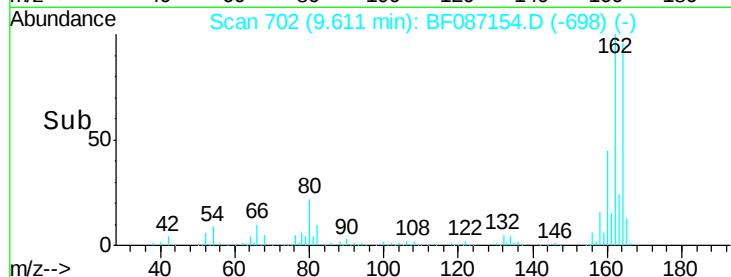
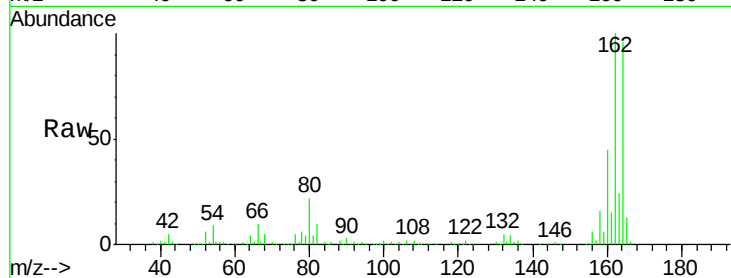




#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.25 min
Lab File: BF087154.D
Acq: 18 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
1-AB-AC(0-2)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	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: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087154.D
Acq: 18 May 2016 20:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	6.8	10.2#
80	13.4	7.1	10.7#

