

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088257.D
 Acq On : 22 Jun 2016 18:50
 Operator : UM/SJ
 Sample : H3660-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 02:26:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

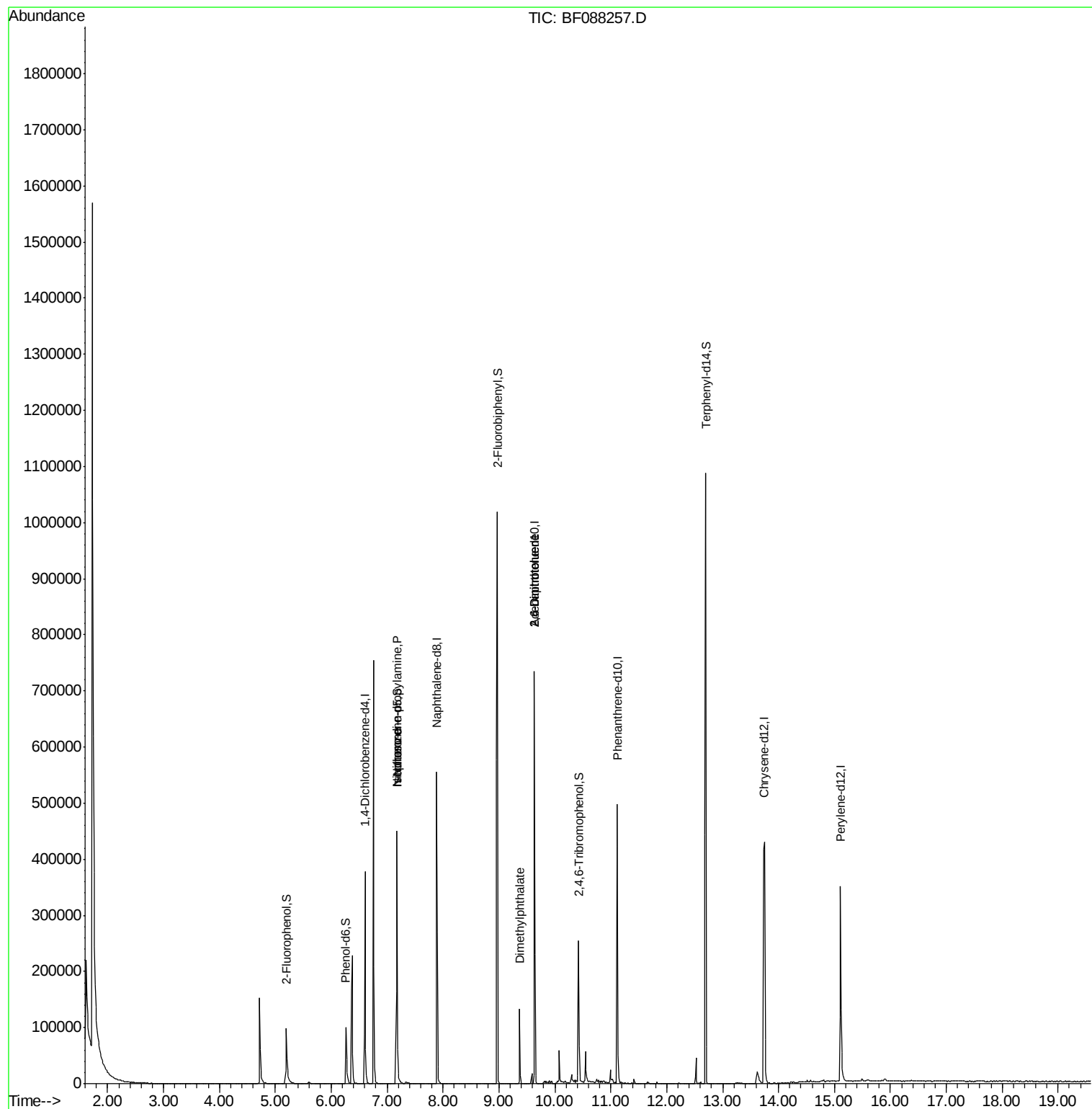
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	70110	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	315053	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	149534	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	269780	20.00	ng	0.00
75) Chrysene-d12	13.75	240	238219	20.00	ng	0.00
86) Perylene-d12	15.11	264	172588	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	56907	13.88	ng	0.02
7) Phenol-d6	6.26	99	54735	11.01	ng	0.00
23) Nitrobenzene-d5	7.18	82	181669	33.67	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	31439	19.91	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	409054	40.04	ng	0.00
78) Terphenyl-d14	12.70	244	371952	35.53	ng	0.00
Target Compounds						
10) Phenol	6.28	94	1865	Below Cal	#	59
19) n-Nitroso-di-n-propylamine	7.18	70	21772	6.85	ng	# 69
25) Isophorone	7.18	82	181665	18.18	ng	# 65
45) 1,1'-Biphenyl	8.97	154	752	Below Cal	#	1
49) Dimethylphthalate	9.37	163	56406	5.21	ng	99
50) 2,6-Dinitrotoluene	9.63	165	18911	7.62	ng	# 38
56) 2,4-Dinitrotoluene	9.63	165	18911	5.93	ng	# 36
57) Fluorene	10.42	166	1490	Below Cal	#	78

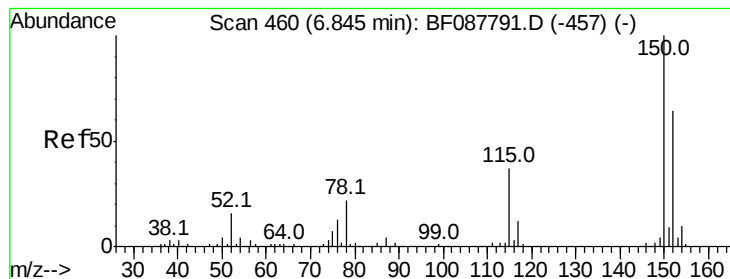
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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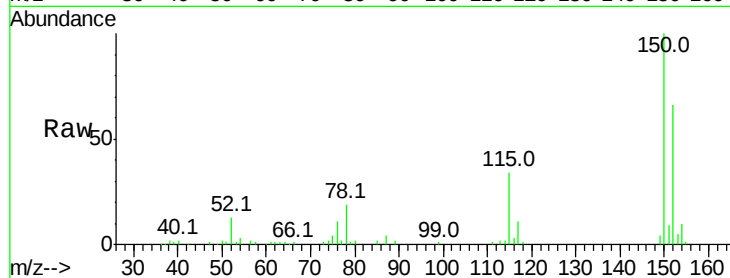


#1

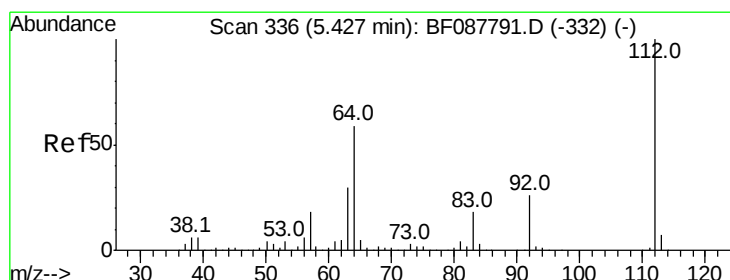
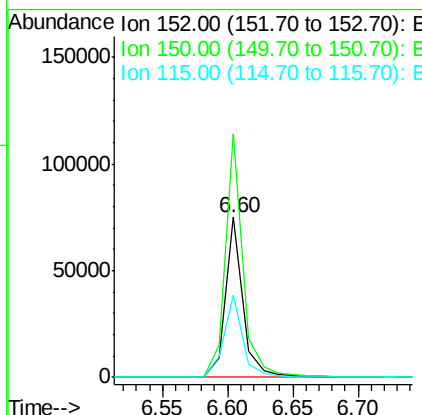
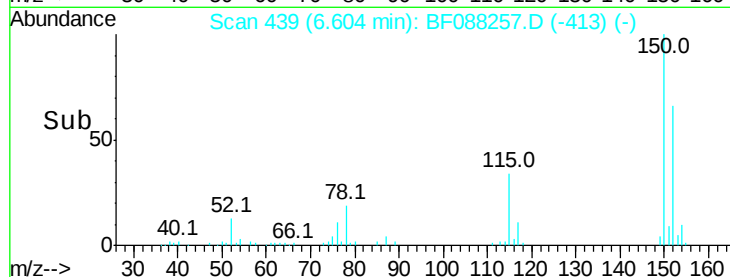
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088257.D
Acq: 22 Jun 2016 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 70110
Ion Ratio Lower Upper
152 100
150 152.1 123.8 185.6
115 51.7 39.6 59.4



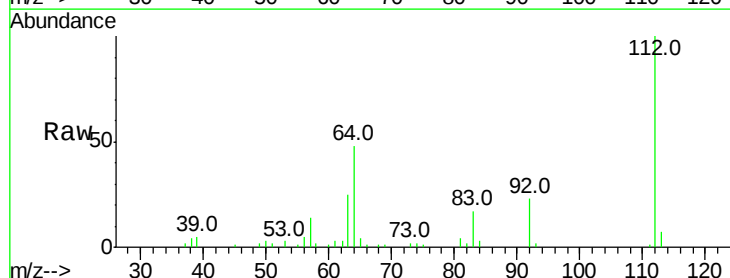
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



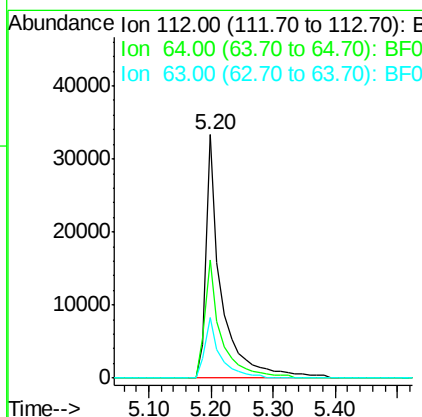
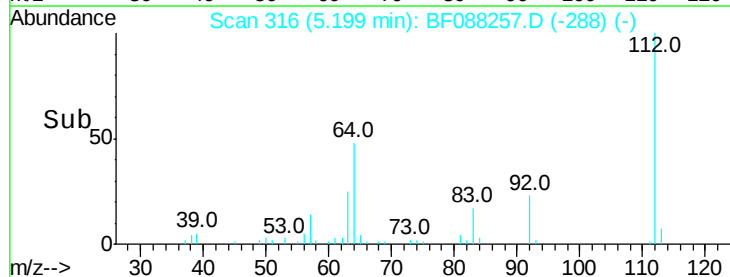
#5

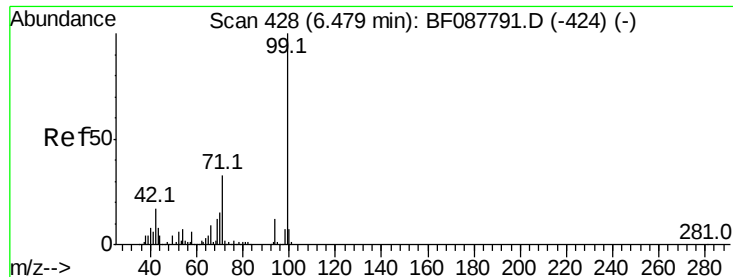
2-Fluorophenol
Concen: 13.88 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.02 min
Lab File: BF088257.D
Acq: 22 Jun 2016 18:50

Tgt Ion:112 Resp: 56907
Ion Ratio Lower Upper
112 100
64 48.3 42.2 63.2
63 24.9 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: 11.01 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088257.D

Acq: 22 Jun 2016 18:50

Instrument :

BNA_F

ClientSampled :

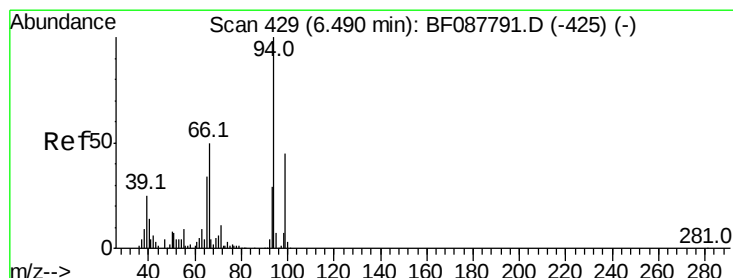
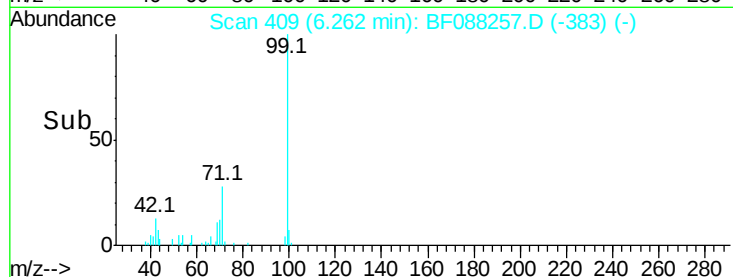
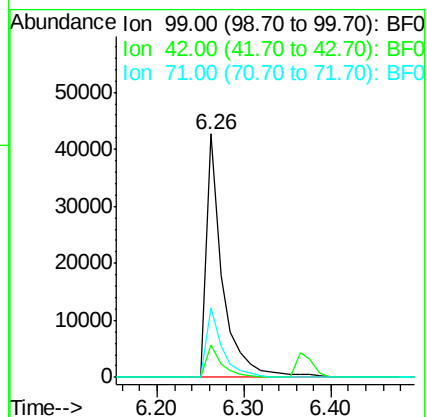
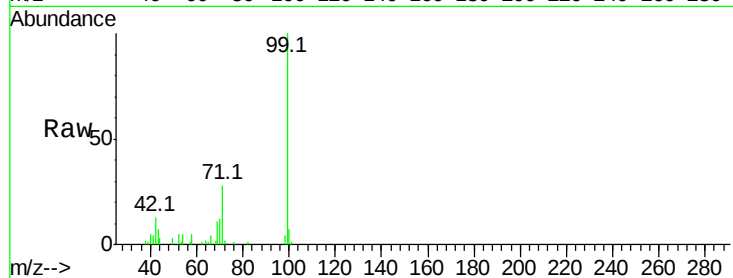
Tot Ion: 99 Resp: 54735

Ion Ratio Lower Upper

99 100

42 13.3 12.2 18.2

71 28.4 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF088257.D

Acq: 22 Jun 2016 18:50

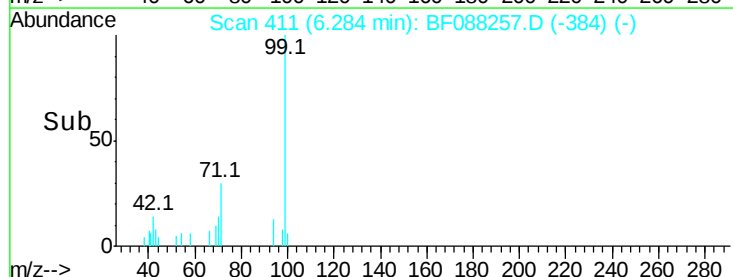
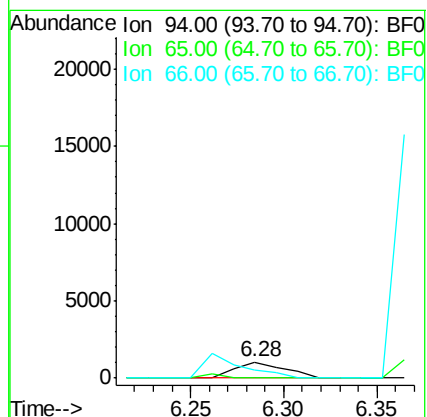
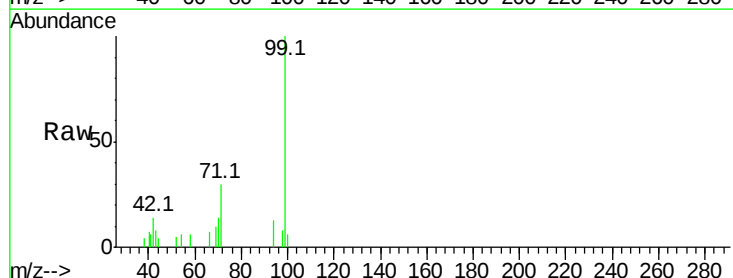
Tgt Ion: 94 Resp: 1865

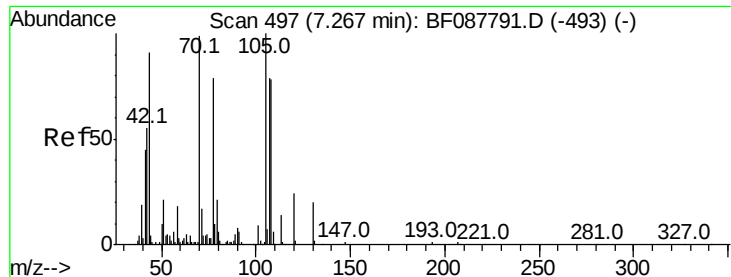
Ion Ratio Lower Upper

94 100

65 0.0 5.9 45.9#

66 53.7 14.0 54.0

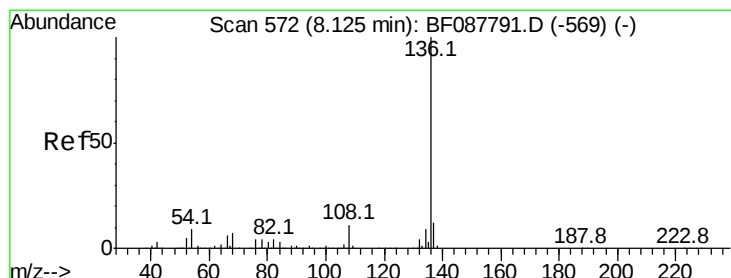
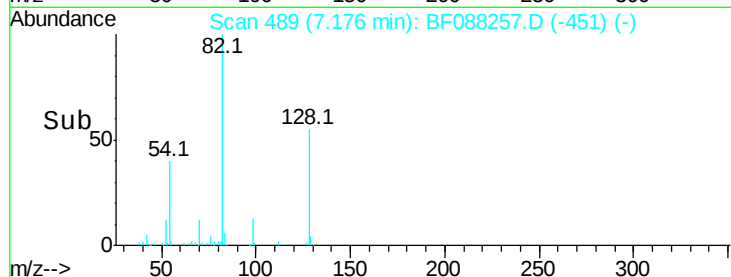
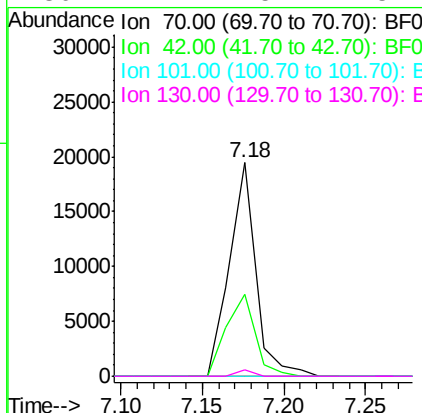
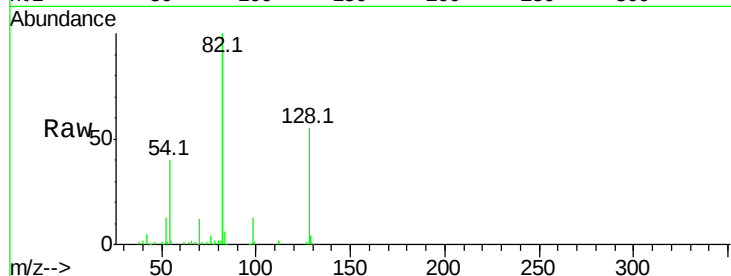




#19
n-Nitroso-di-n-propylamine
Concen: 6.85 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.14 min
Lab File: BF088257.D
Acq: 22 Jun 2016 18:50

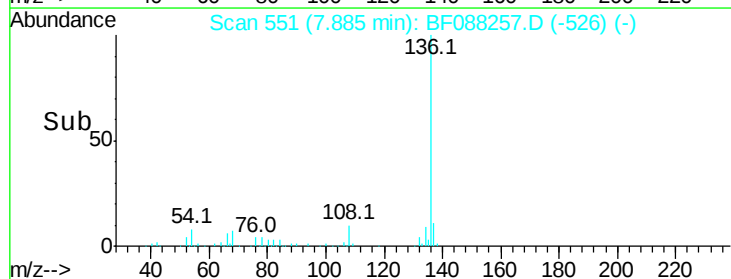
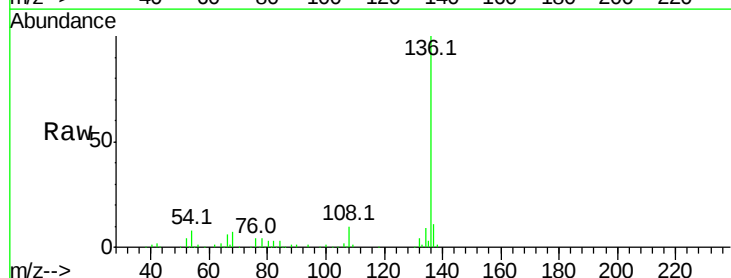
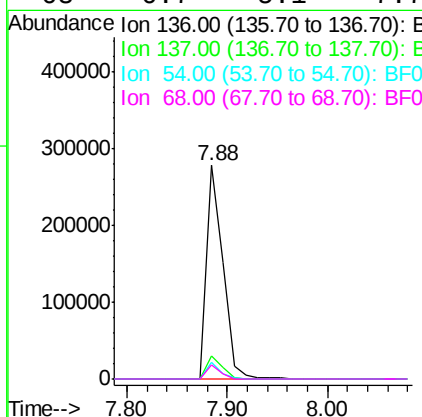
Instrument :
BNA_F
ClientSampleId :

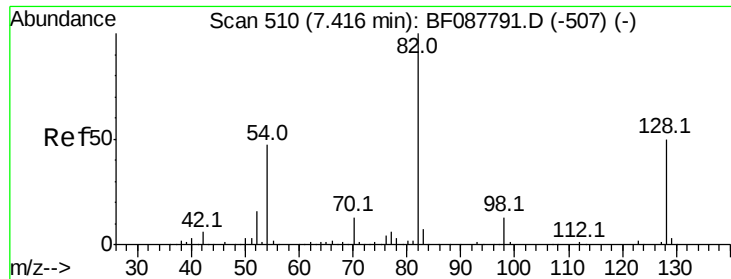
Tot Ion: 70 Resp: 21772
Ion Ratio Lower Upper
70 100
42 38.5 49.6 74.4#
101 0.0 7.1 10.7#
130 2.7 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088257.D
Acq: 22 Jun 2016 18:50

Tgt Ion: 136 Resp: 315053
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.0 6.6 10.0
68 6.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 33.67 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088257.D

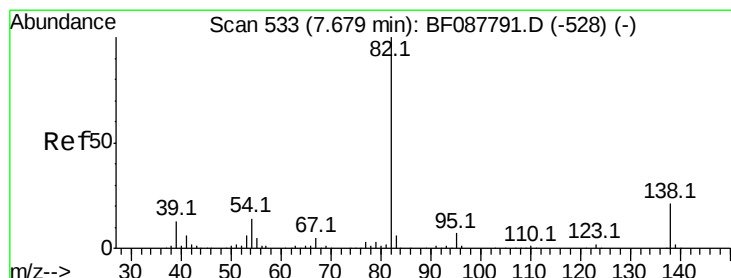
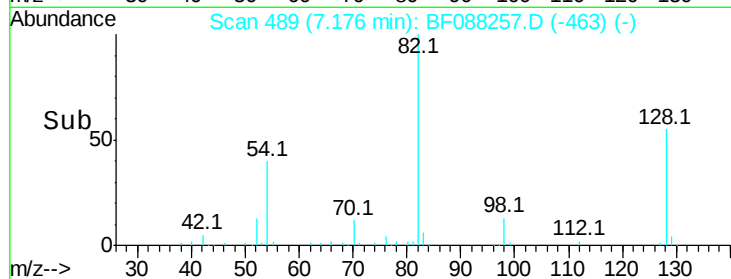
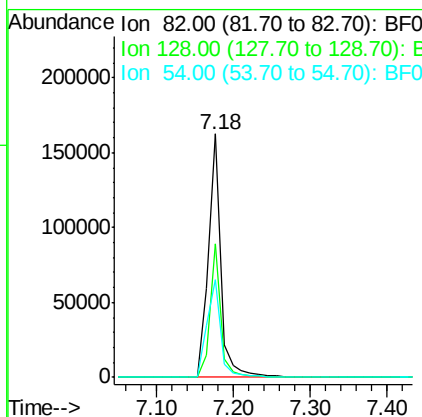
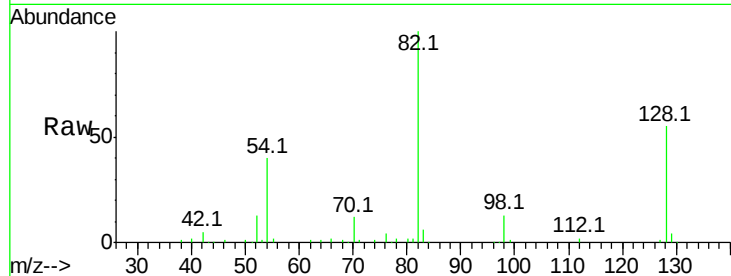
Acq: 22 Jun 2016 18:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:	82	Resp:	181669
Ion	Ratio	Lower	Upper
82	100		
128	54.9	35.9	53.9#
54	40.3	40.9	61.3#



#25

Isophorone

Concen: 18.18 ng

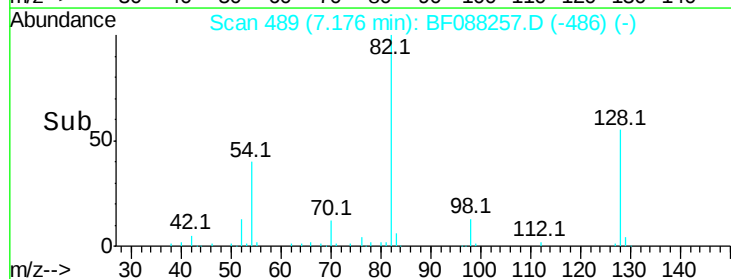
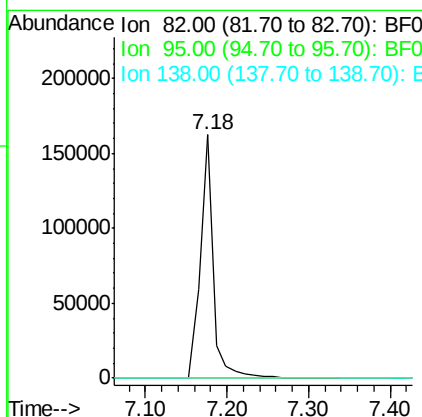
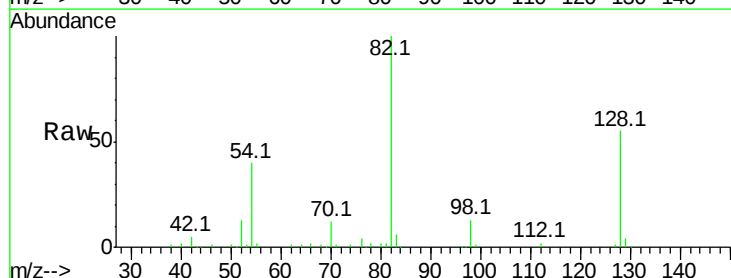
RT: 7.18 min Scan# 489

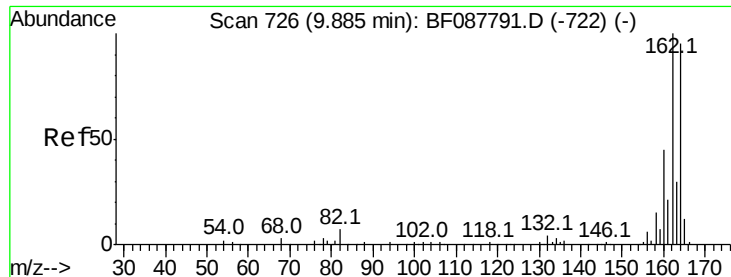
Delta R.T. -0.26 min

Lab File: BF088257.D

Acq: 22 Jun 2016 18:50

Tgt Ion:	82	Resp:	181665
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

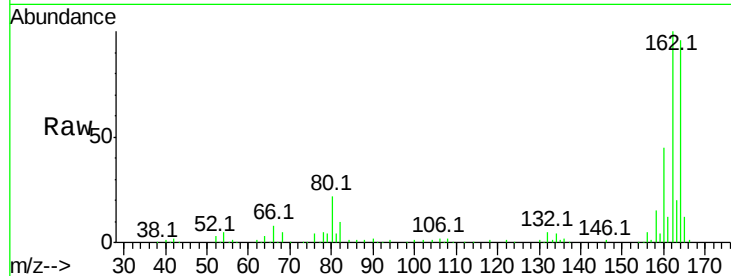




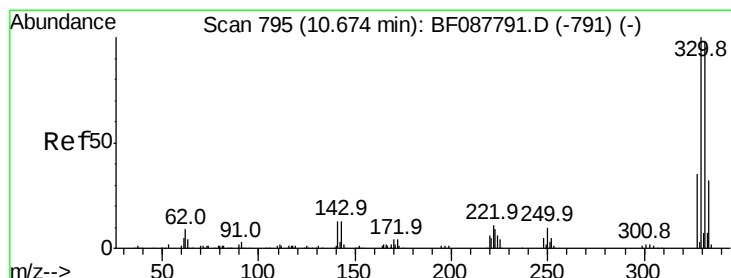
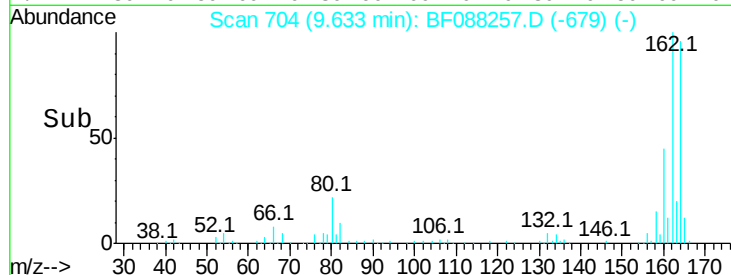
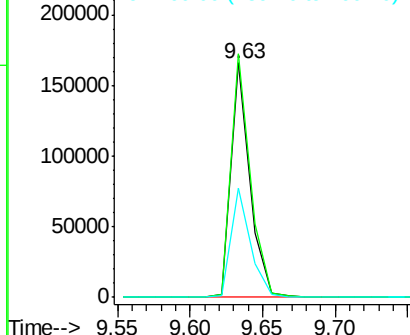
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088257.D
 Acq: 22 Jun 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 149534
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.4 128.2
 160 46.4 39.5 59.3

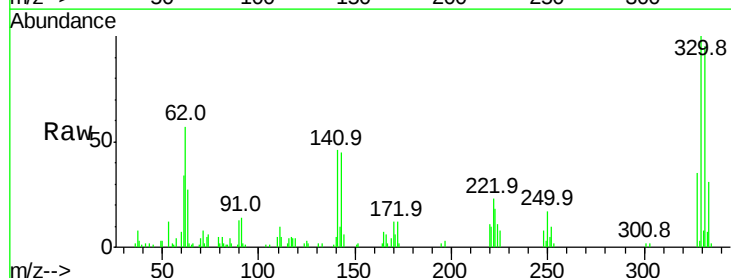


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

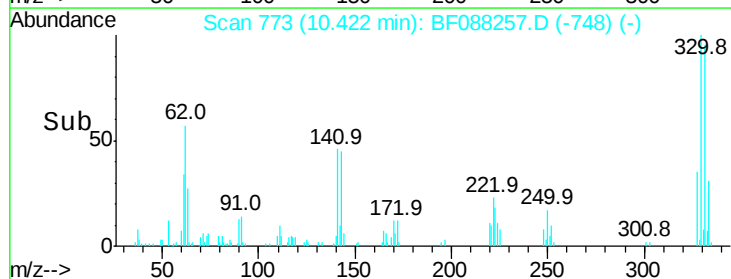
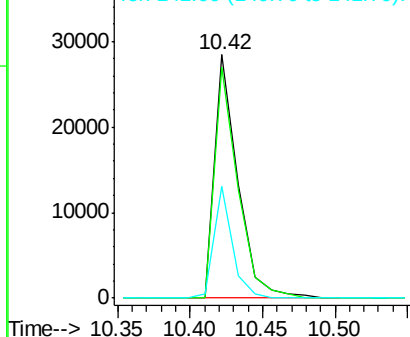


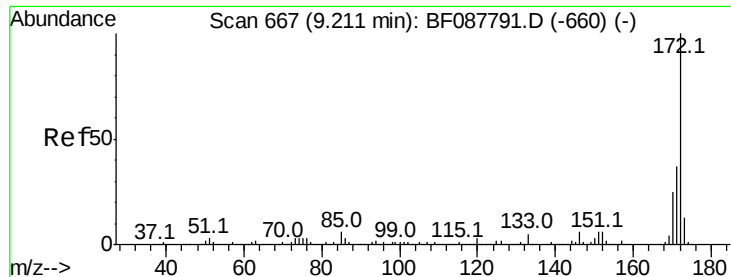
#41
 2,4,6-Tribromophenol
 Concen: 19.91 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088257.D
 Acq: 22 Jun 2016 18:50

Tgt Ion:330 Resp: 31439
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 36.6 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

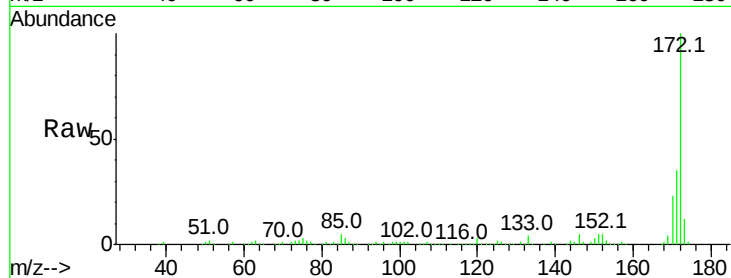




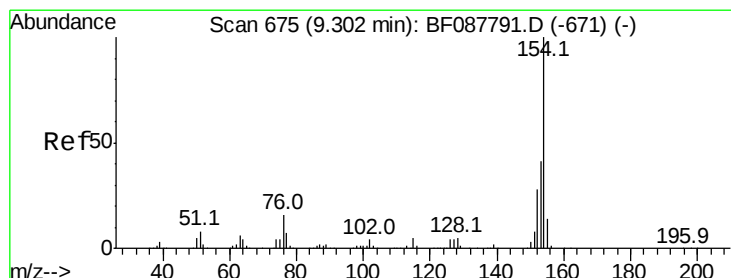
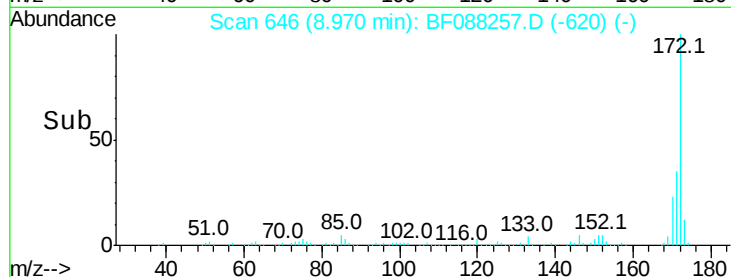
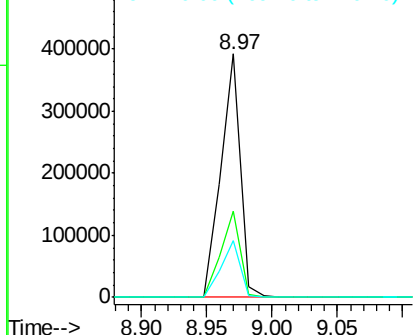
#44
 2-Fluorobiphenyl
 Concen: 40.04 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088257.D
 Acq: 22 Jun 2016 18:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 409054
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.3 19.2 28.8

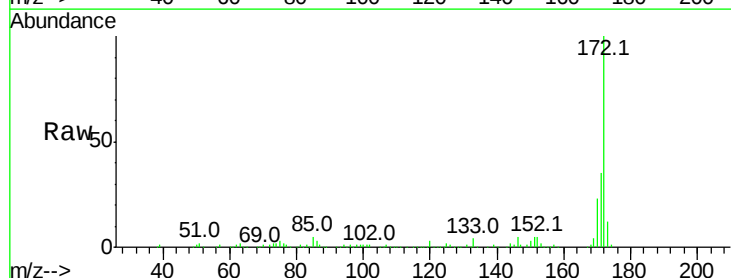


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

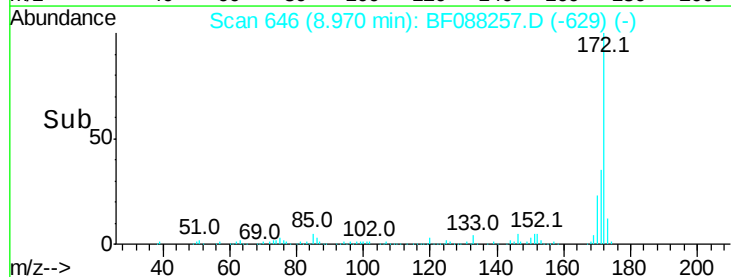
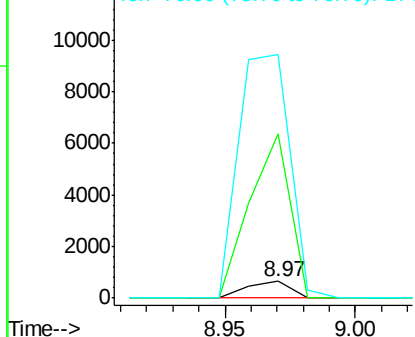


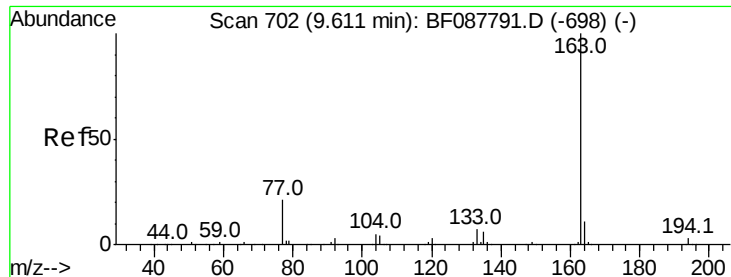
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.97 min Scan# 646
 Delta R.T. -0.10 min
 Lab File: BF088257.D
 Acq: 22 Jun 2016 18:50

Tgt Ion:154 Resp: 752
 Ion Ratio Lower Upper
 154 100
 153 965.9 20.6 60.6#
 76 1432.0 0.0 35.1#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0





#49

Dimethylphthalate

Concen: 5.21 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088257.D

Acq: 22 Jun 2016 18:50

Instrument :

BNA_F

ClientSampleId :

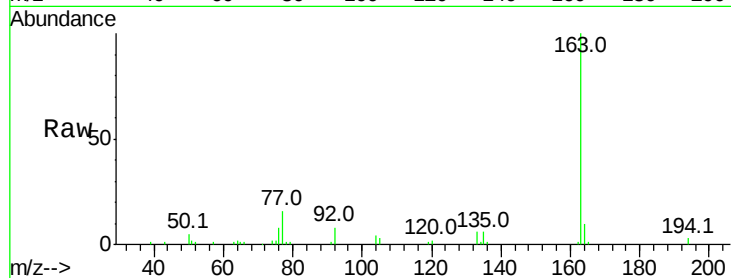
Tot Ion:163 Resp: 56406

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

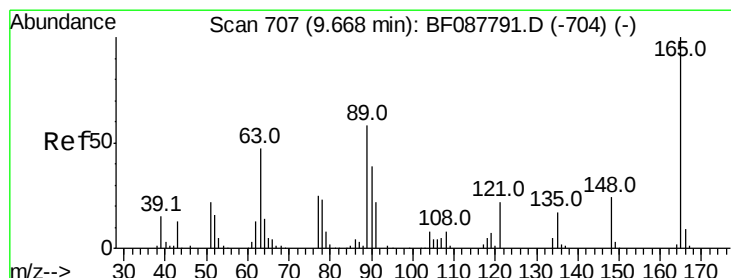
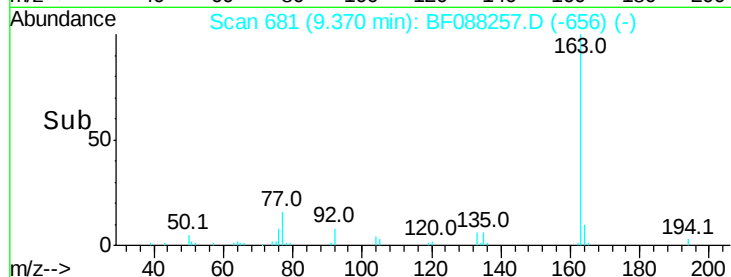
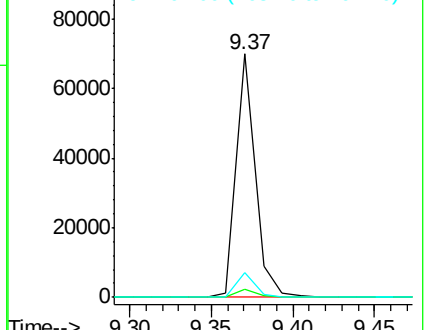
164 10.2 8.3 12.5



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: 7.62 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.18 min

Lab File: BF088257.D

Acq: 22 Jun 2016 18:50

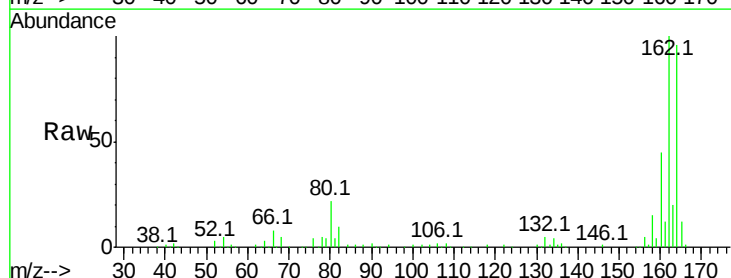
Tgt Ion:165 Resp: 18911

Ion Ratio Lower Upper

165 100

63 1.4 28.1 42.1#

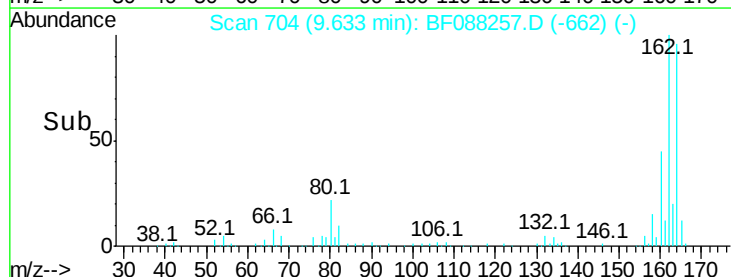
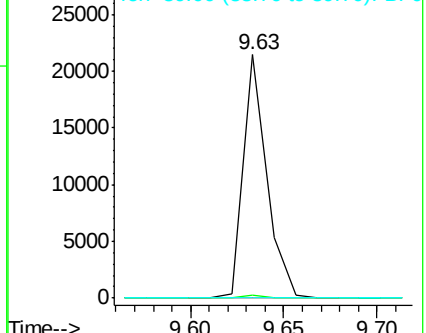
89 0.0 32.2 48.2#

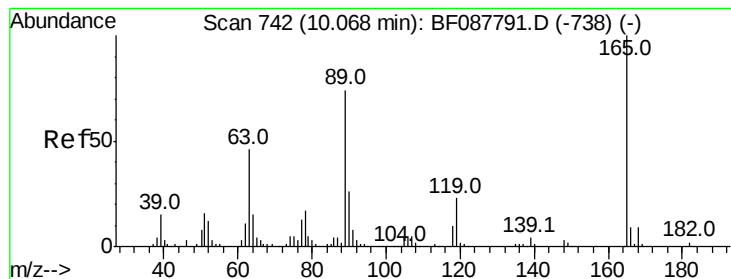


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.93 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.22 min

Lab File: BF088257.D

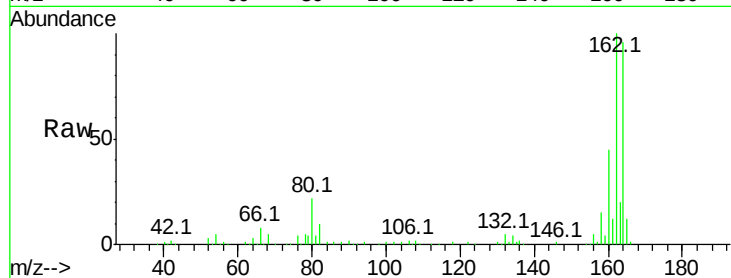
Acq: 22 Jun 2016 18:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	18911
Ion Ratio	Lower	Upper
165	100	
63	1.4	22.0 33.0#
89	0.0	41.1 61.7#
182	0.0	2.0 3.0#

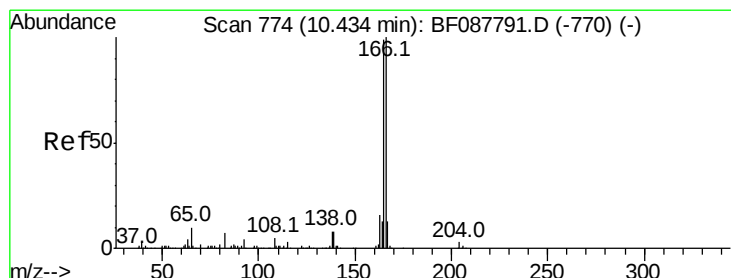
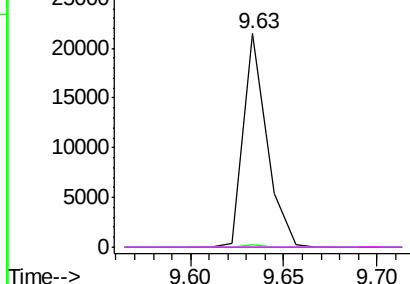
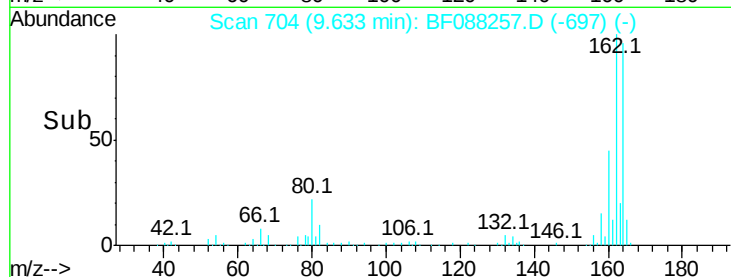


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: Below Cal

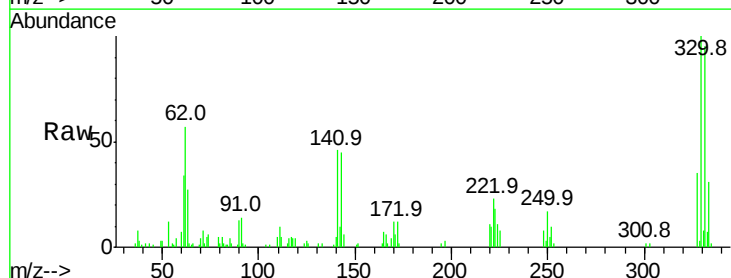
RT: 10.42 min Scan# 773

Delta R.T. 0.23 min

Lab File: BF088257.D

Acq: 22 Jun 2016 18:50

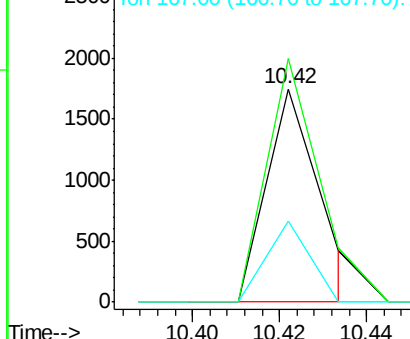
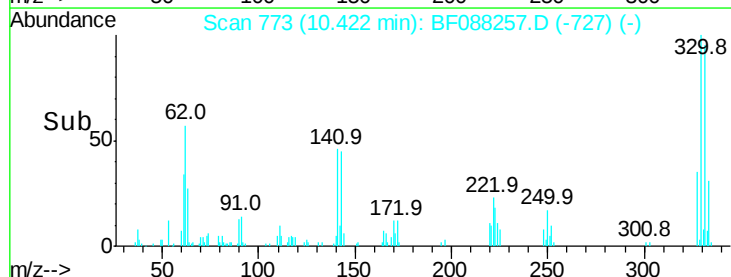
Tgt Ion:166	Resp:	1490
Ion Ratio	Lower	Upper
166	100	
165	114.2	77.8 116.8
167	38.0	11.2 16.8#

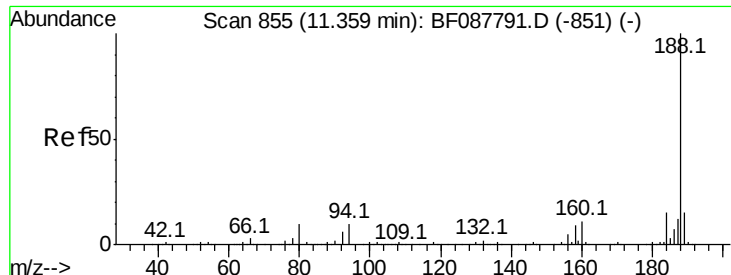


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

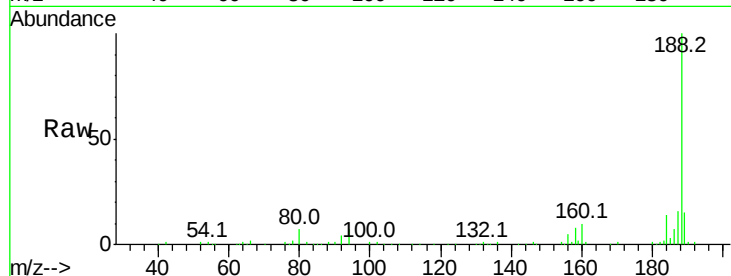




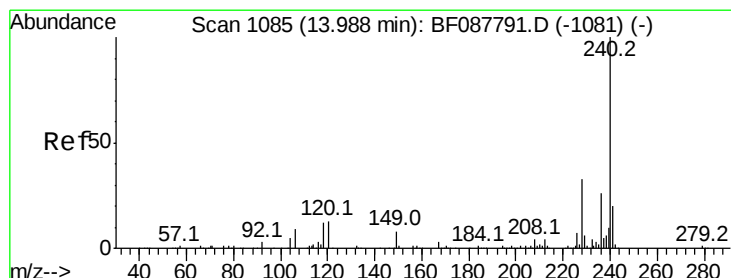
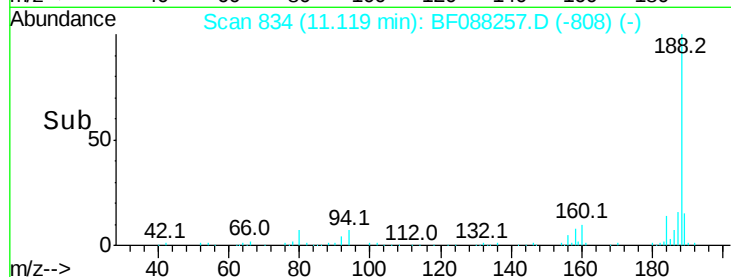
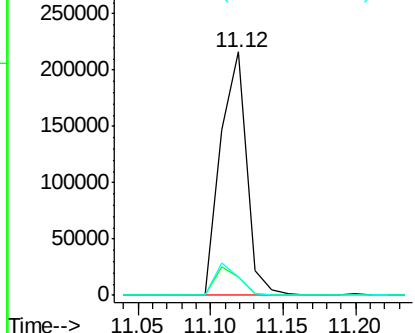
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF088257.D
 Acq: 22 Jun 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 269780
 Ion Ratio Lower Upper
 188 100
 94 7.3 9.0 13.6#
 80 7.4 10.0 15.0#

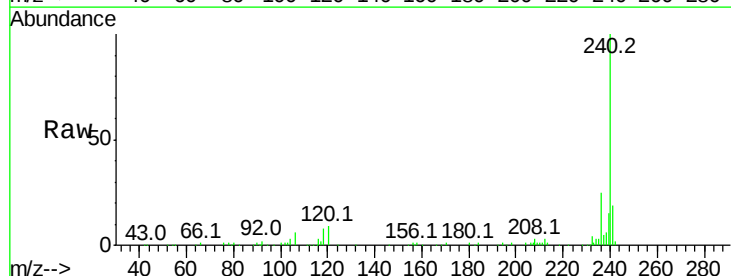


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

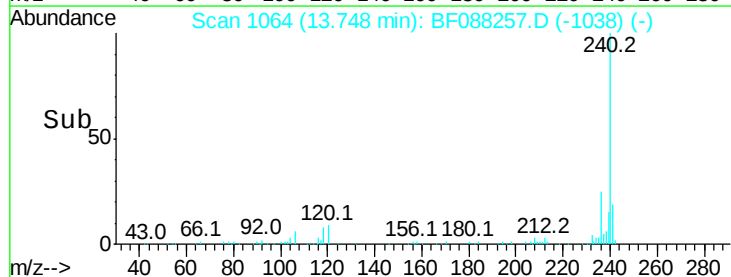
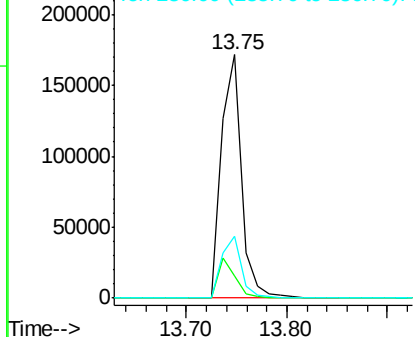


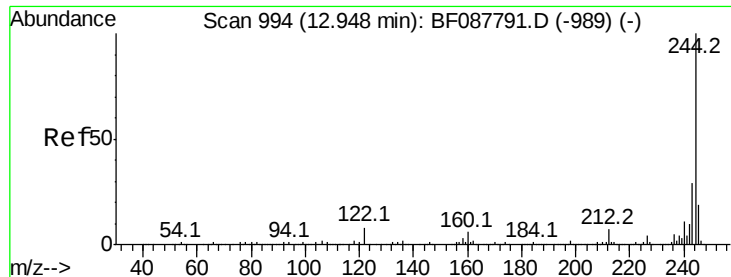
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF088257.D
 Acq: 22 Jun 2016 18:50

Tgt Ion:240 Resp: 238219
 Ion Ratio Lower Upper
 240 100
 120 9.2 6.8 10.2
 236 25.3 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

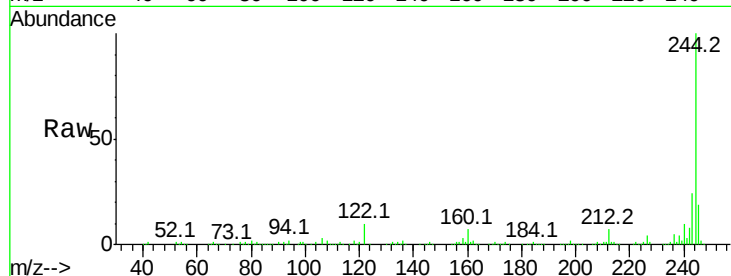




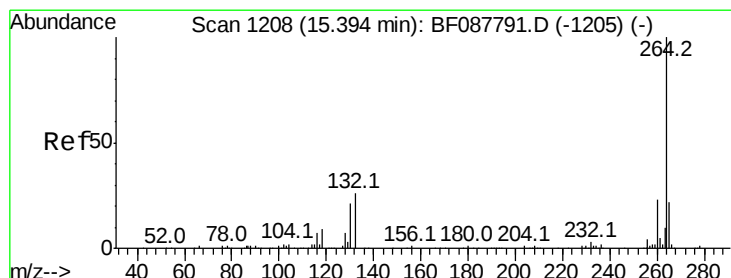
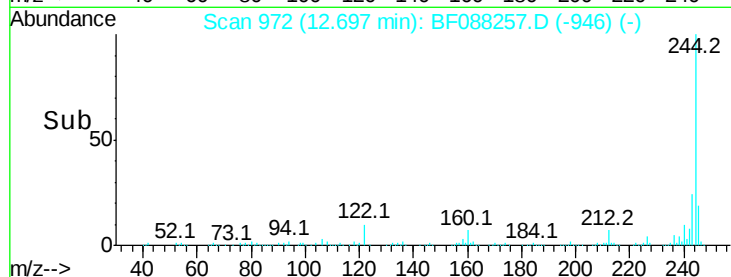
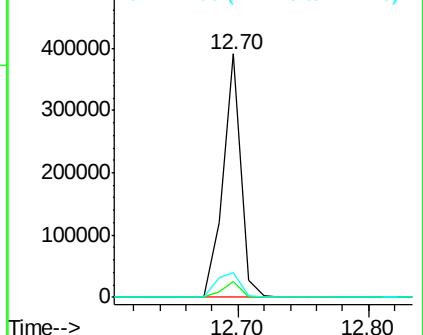
#78
 Terphenyl-d14
 Concen: 35.53 ng
 RT: 12.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF088257.D
 Acq: 22 Jun 2016 18:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 371952
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 10.3 11.2 16.8#

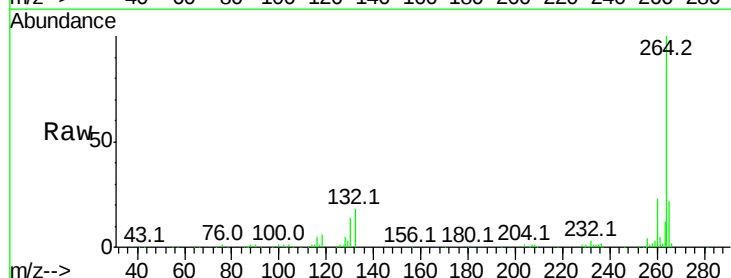


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF088257.D
 Acq: 22 Jun 2016 18:50

Tgt Ion:264 Resp: 172588
 Ion Ratio Lower Upper
 264 100
 260 23.3 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

