

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062216\
 Data File : BF088253.D
 Acq On : 22 Jun 2016 16:55
 Operator : UM/SJ
 Sample : H3660-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(4.5-5)

Quant Time: Jun 22 17:59:49 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

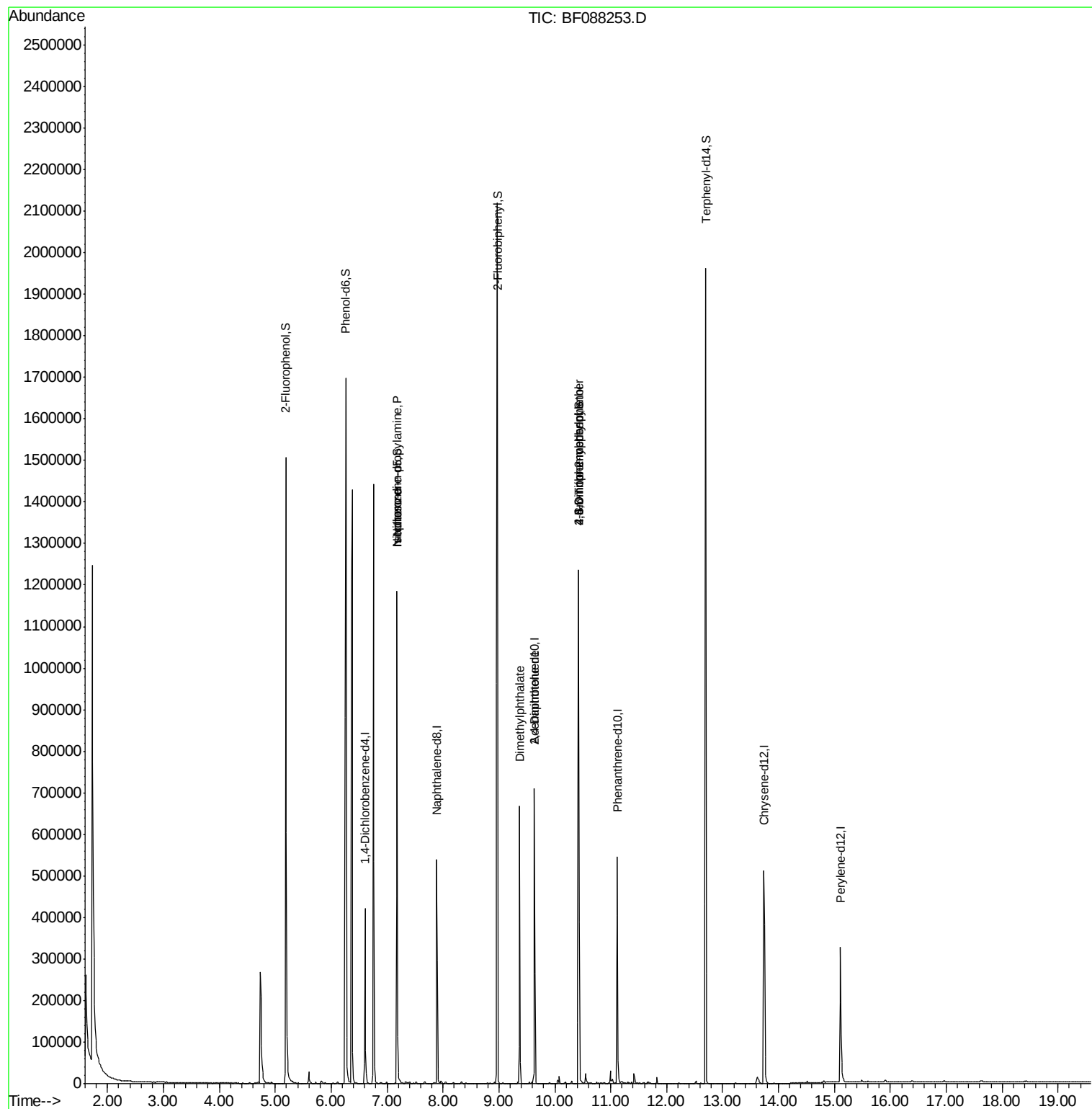
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	73312	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	315130	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	153996	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	279663	20.00	ng	0.00
75) Chrysene-d12	13.74	240	247949	20.00	ng	-0.01
86) Perylene-d12	15.11	264	179893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	532737	124.23	ng	0.01
7) Phenol-d6	6.26	99	734797	141.38	ng	0.00
23) Nitrobenzene-d5	7.18	82	446795	82.79	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	160769	98.87	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	763059	77.34	ng	0.00
78) Terphenyl-d14	12.70	244	594715	54.58	ng	0.00
Target Compounds						
10) Phenol	6.27	94	4814	Below Cal	#	45
19) n-Nitroso-di-n-propylamine	7.18	70	57906	17.42	ng	# 68
25) Isophorone	7.18	82	446787	44.70	ng	# 65
45) 1,1'-Biphenyl	8.97	154	1433	Below Cal	#	1
49) Dimethylphthalate	9.37	163	271613	24.35	ng	99
56) 2,4-Dinitrotoluene	9.63	165	19367	5.90	ng	# 37
57) Fluorene	10.42	166	7283	Below Cal	#	89
64) 4,6-Dinitro-2-methylphenol	10.42	198	264	2.31	ng	# 1
66) 4-Bromophenyl-phenylether	10.42	248	9825	3.27	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062216\
Data File : BF088253.D
Acq On : 22 Jun 2016 16:55
Operator : UM/SJ
Sample : H3660-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(4.5-5)

Quant Time: Jun 22 17:59:49 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

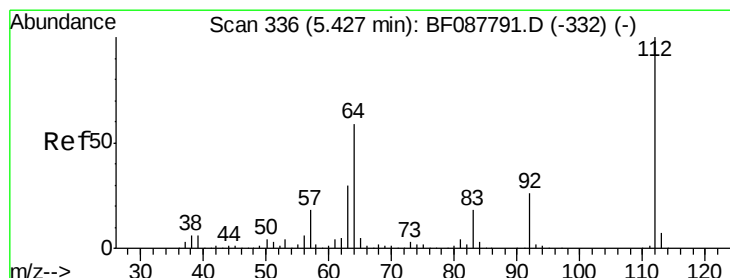
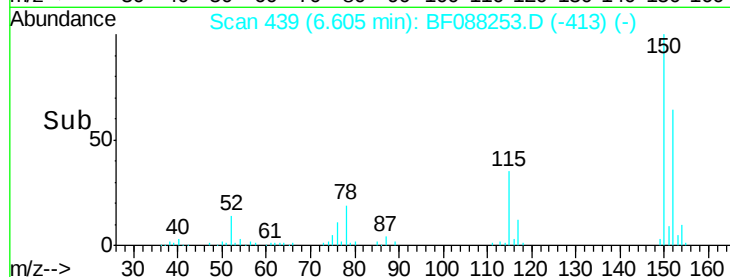
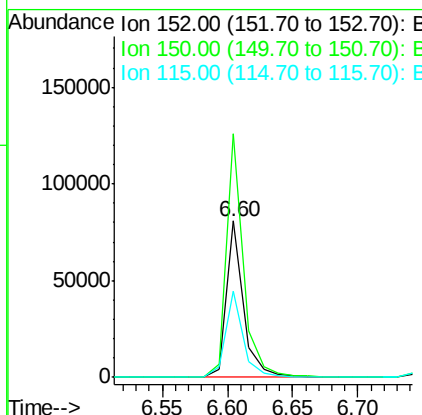
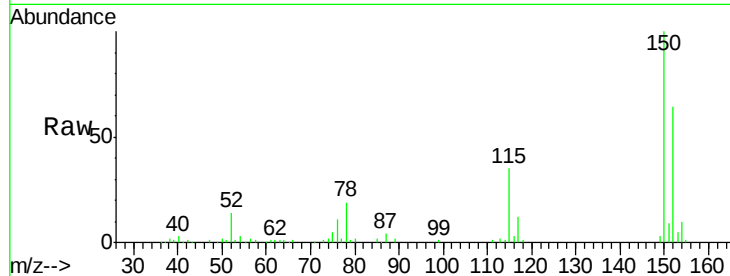




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF088253.D
 Acq: 22 Jun 2016 16:55

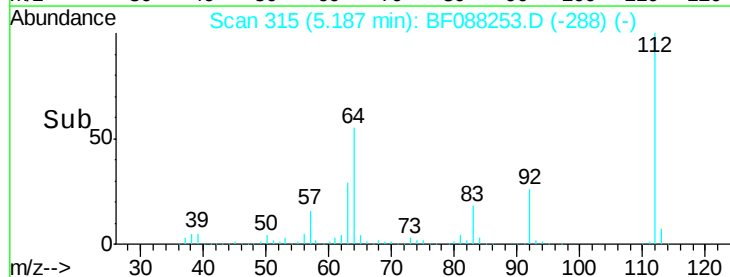
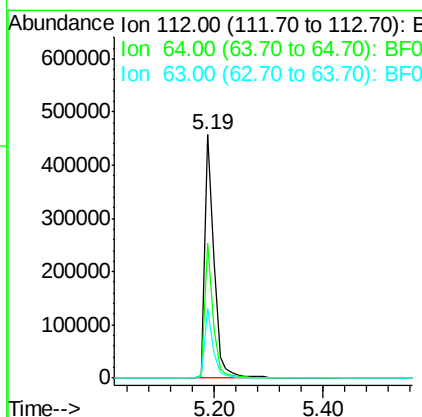
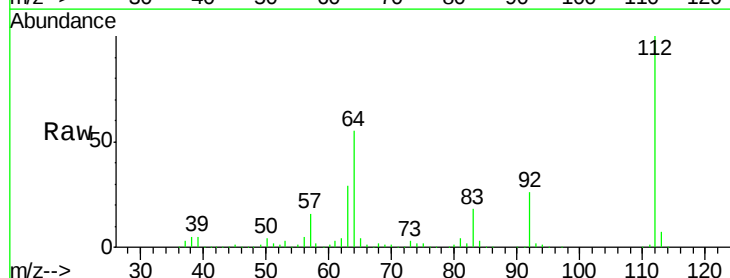
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(4.5-5)

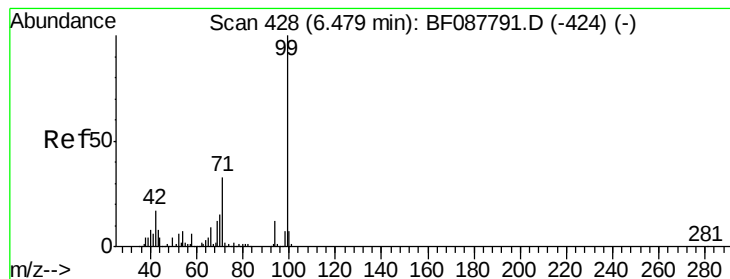
Tgt Ion:152 Resp: 73312
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.8 185.6
 115 55.0 39.6 59.4



#5
 2-Fluorophenol
 Concen: 124.23 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: BF088253.D
 Acq: 22 Jun 2016 16:55

Tgt Ion:112 Resp: 532737
 Ion Ratio Lower Upper
 112 100
 64 55.2 42.2 63.2
 63 28.6 21.8 32.8





#7

Phenol-d6

Concen: 141.38 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088253.D

Acq: 22 Jun 2016 16:55

Instrument :

BNA_F

ClientSampleId :

SB-1(4.5-5)

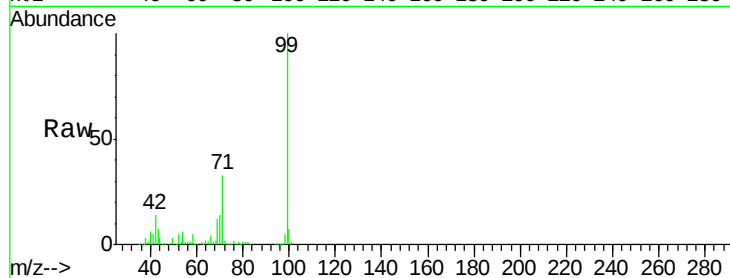
Tgt Ion: 99 Resp: 734797

Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.2

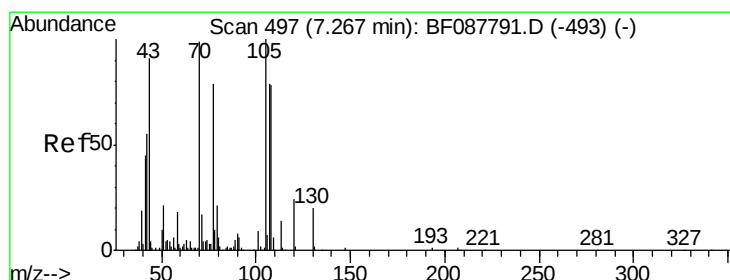
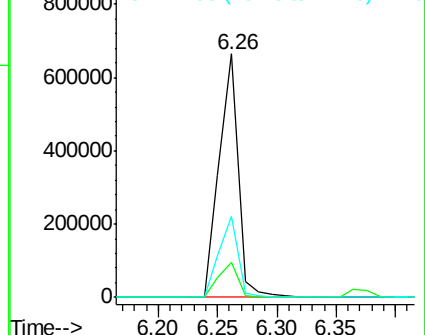
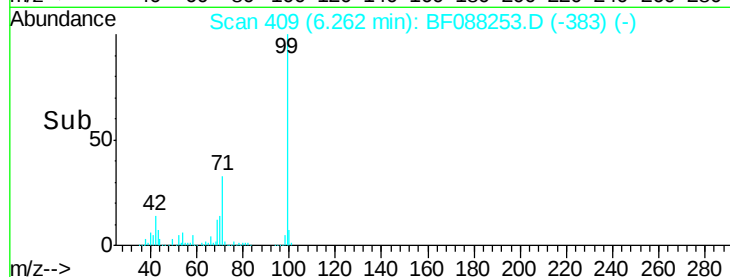
71 33.2 23.4 35.0



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: 17.42 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.14 min

Lab File: BF088253.D

Acq: 22 Jun 2016 16:55

Tgt Ion: 70 Resp: 57906

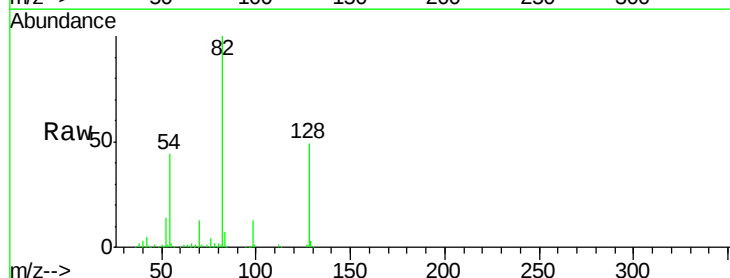
Ion Ratio Lower Upper

70 100

42 37.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#

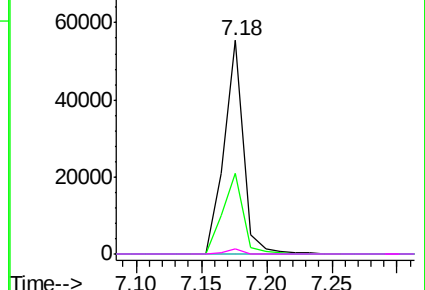
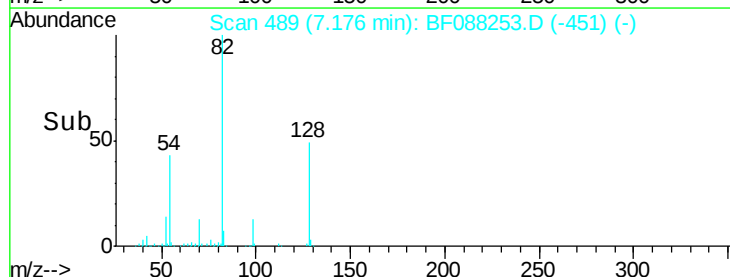


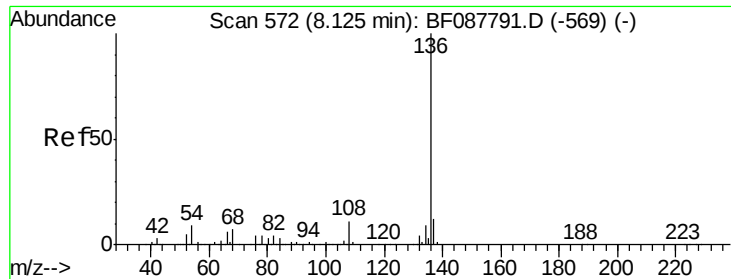
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

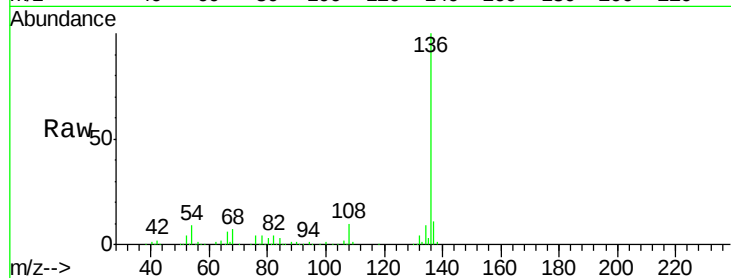




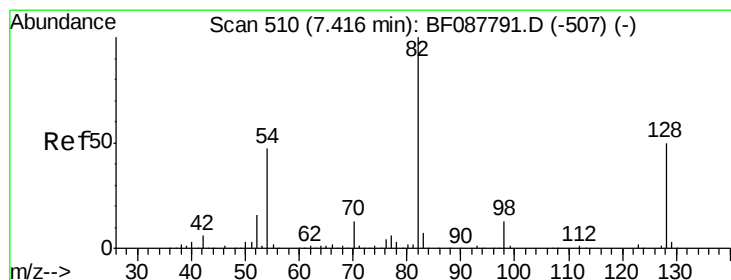
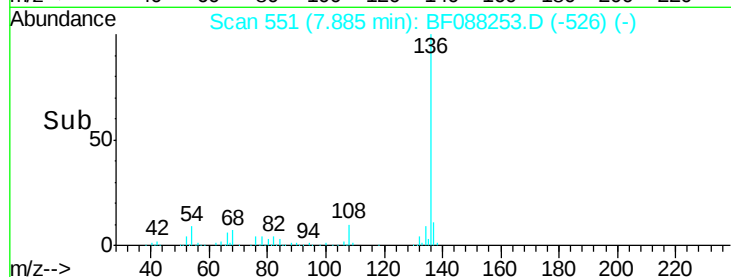
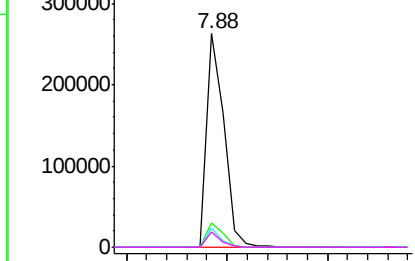
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088253.D
Acq: 22 Jun 2016 16:55

Instrument :
BNA_F
ClientSampleId :
SB-1(4.5-5)

Tgt Ion:	136	Resp:	315130
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.8	6.6	10.0
68	7.0	5.1	7.7

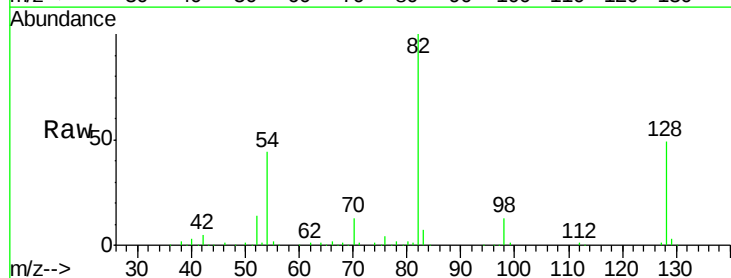


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

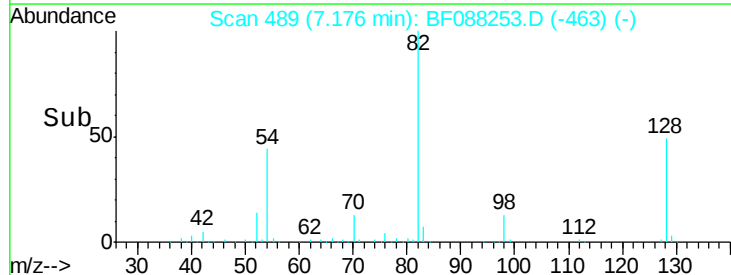
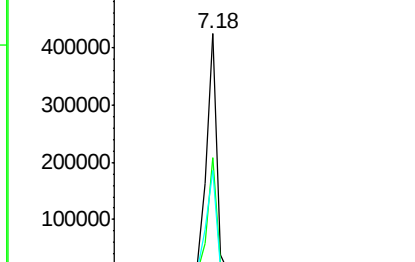


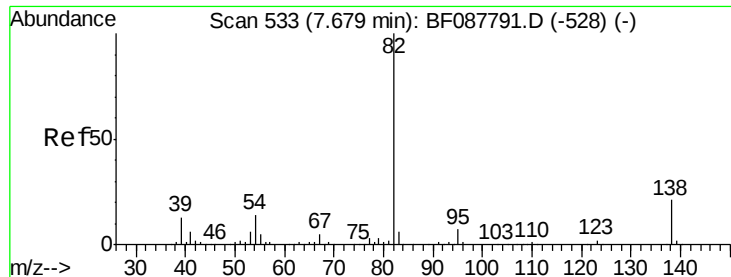
#23
Nitrobenzene-d5
Concen: 82.79 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF088253.D
Acq: 22 Jun 2016 16:55

Tgt Ion:	82	Resp:	446795
Ion	Ratio	Lower	Upper
82	100		
128	49.0	35.9	53.9
54	43.6	40.9	61.3



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: 44.70 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.26 min

Lab File: BF088253.D

Acq: 22 Jun 2016 16:55

Instrument :

BNA_F

ClientSampleId :

SB-1(4.5-5)

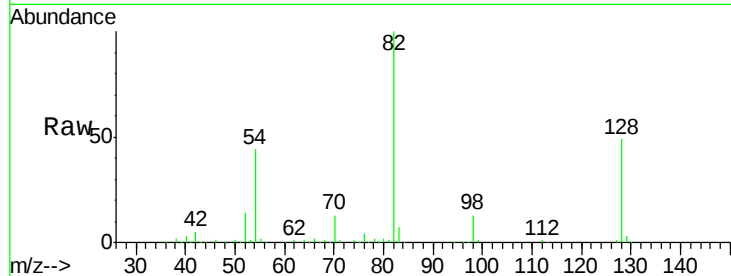
Tgt Ion: 82 Resp: 446787

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

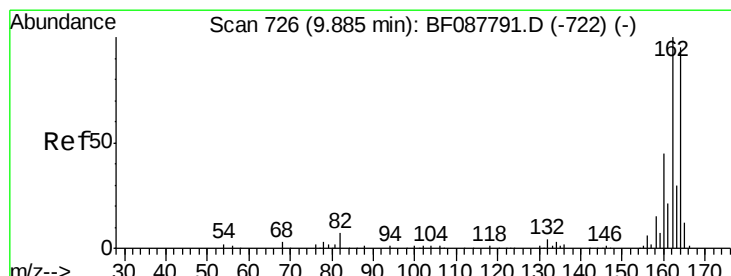
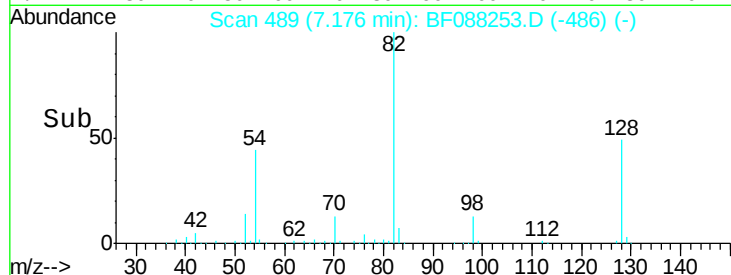
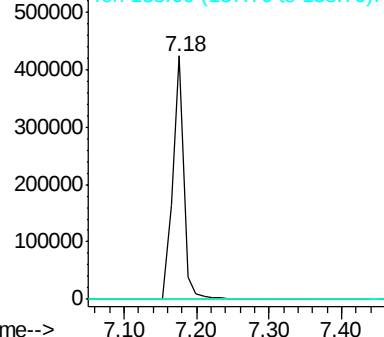
138 0.0 14.6 21.8#



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: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088253.D

Acq: 22 Jun 2016 16:55

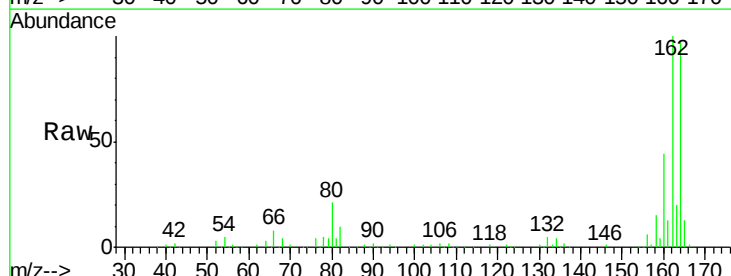
Tgt Ion: 164 Resp: 153996

Ion Ratio Lower Upper

164 100

162 102.8 85.4 128.2

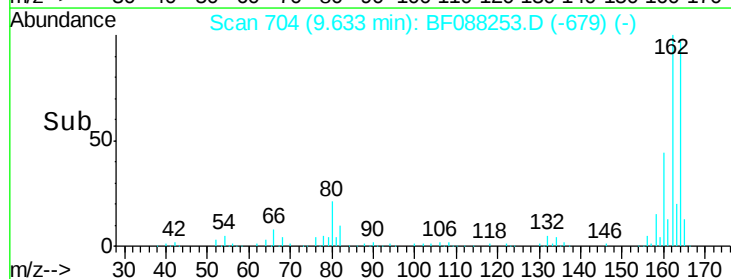
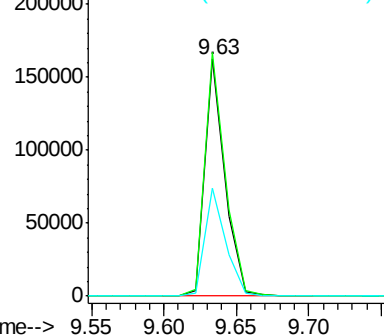
160 45.6 39.5 59.3

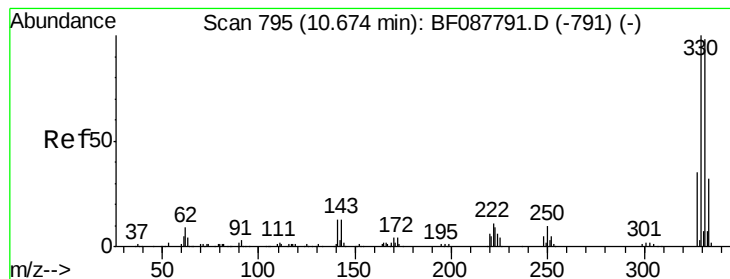


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

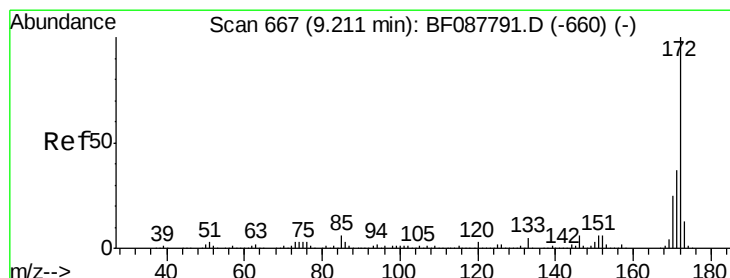
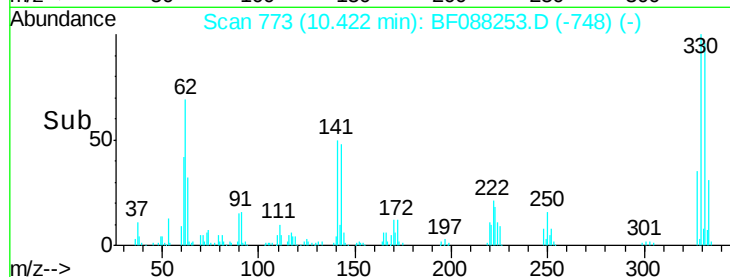
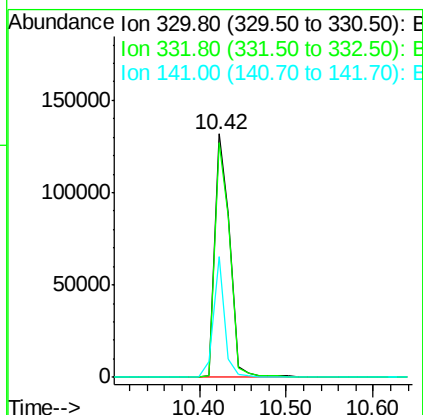
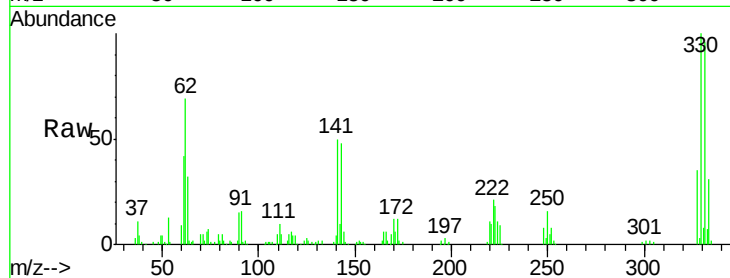




#41
 2,4,6-Tribromophenol
 Concen: 98.87 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088253.D
 Acq: 22 Jun 2016 16:55

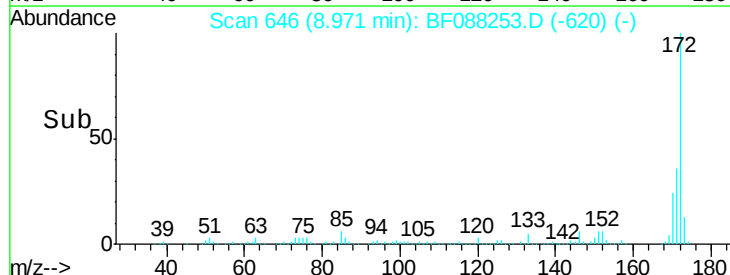
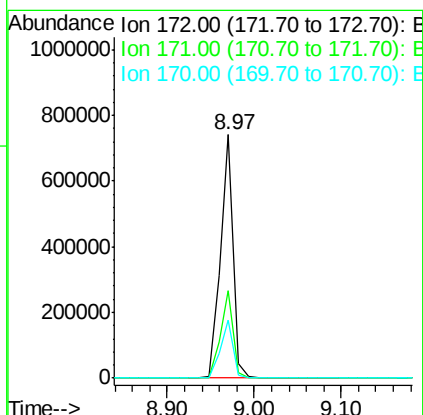
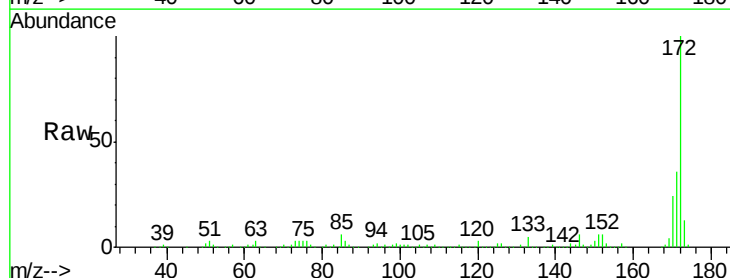
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(4.5-5)

Tgt Ion:330 Resp: 160769
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 37.0 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 77.34 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088253.D
 Acq: 22 Jun 2016 16:55

Tgt Ion:172 Resp: 763059
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.0 19.2 28.8

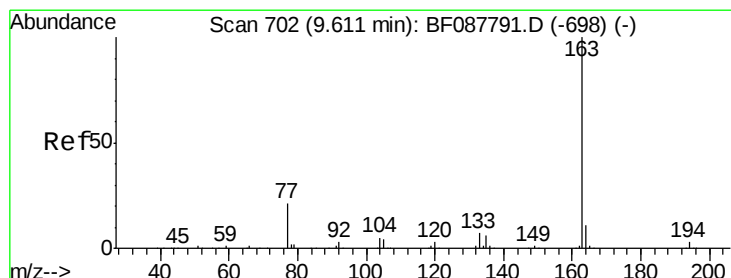
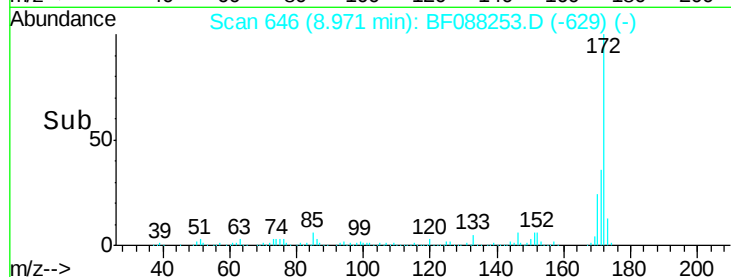
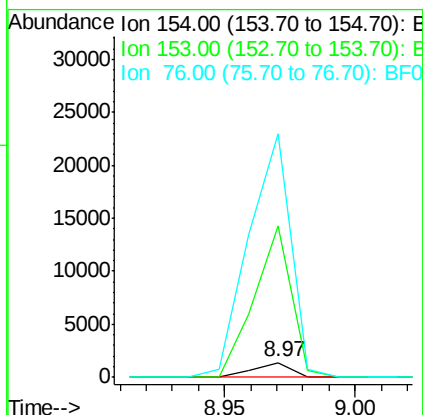
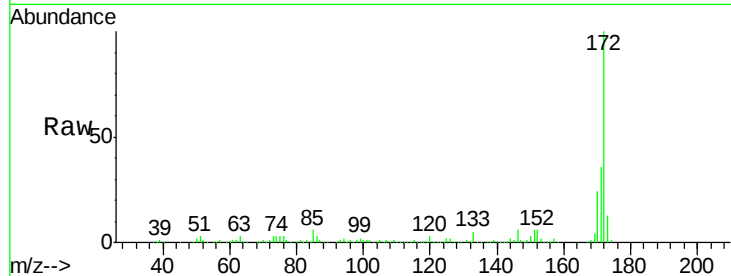




#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.97 min Scan# 646
 Delta R.T. -0.10 min
 Lab File: BF088253.D
 Acq: 22 Jun 2016 16:55

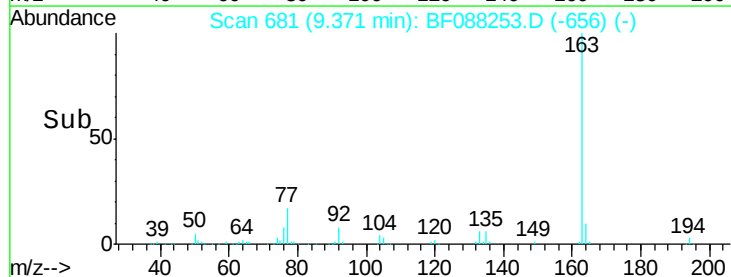
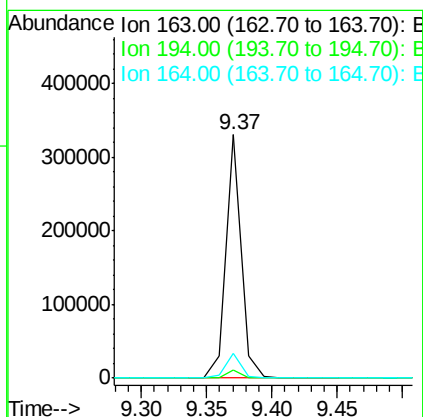
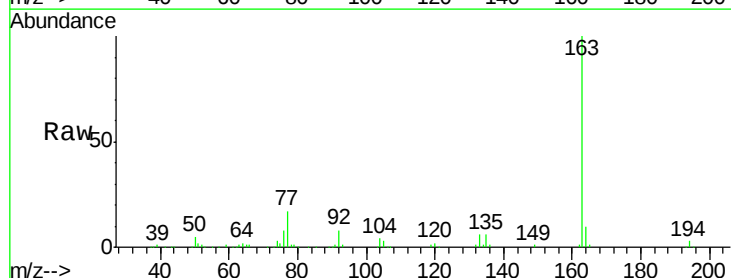
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(4.5-5)

Tgt Ion:154 Resp: 1433
 Ion Ratio Lower Upper
 154 100
 153 1009.8 20.6 60.6#
 76 1622.6 0.0 35.1#



#49
 Dimethylphthalate
 Concen: 24.35 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF088253.D
 Acq: 22 Jun 2016 16:55

Tgt Ion:163 Resp: 271613
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.8 4.2
 164 9.9 8.3 12.5

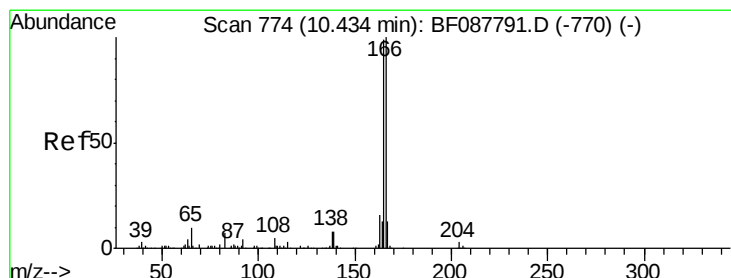
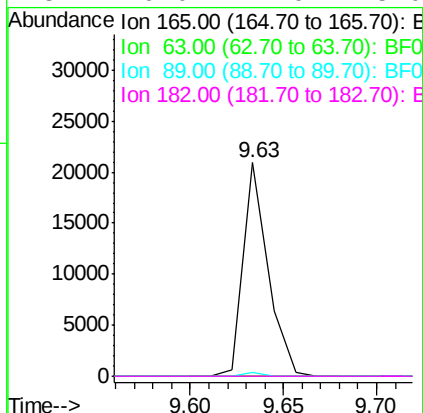
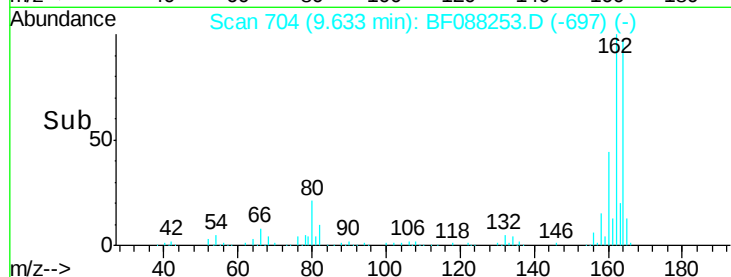
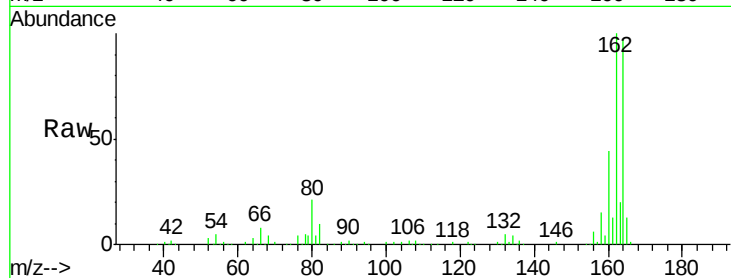




#56
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.22 min
Lab File: BF088253.D
Acq: 22 Jun 2016 16:55

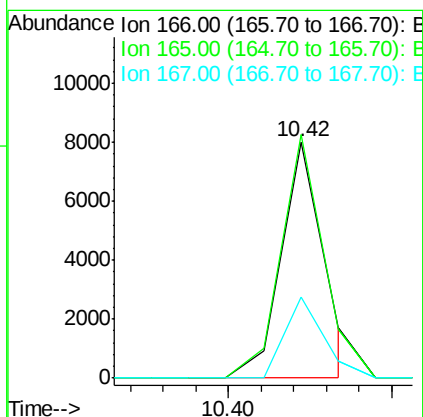
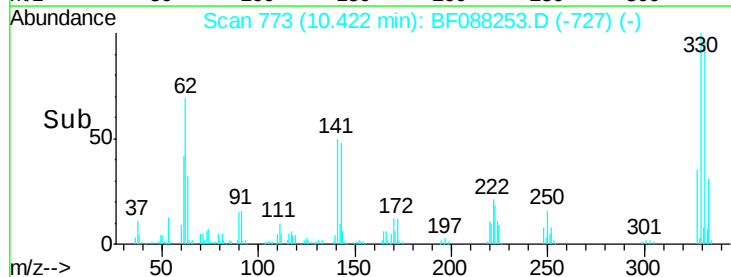
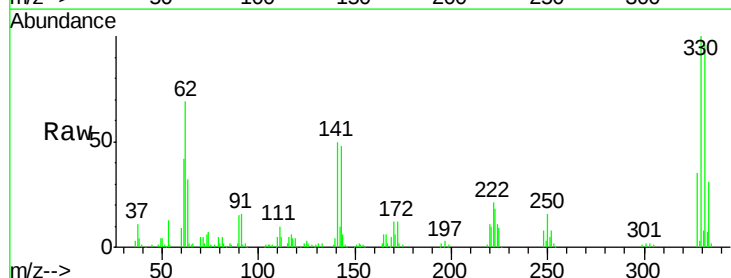
Instrument :
BNA_F
ClientSampleId :
SB-1(4.5-5)

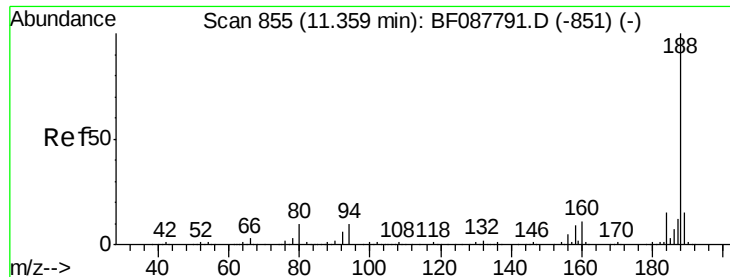
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 773
Delta R.T. 0.23 min
Lab File: BF088253.D
Acq: 22 Jun 2016 16:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.1	77.8	116.8
167	34.4	11.2	16.8#

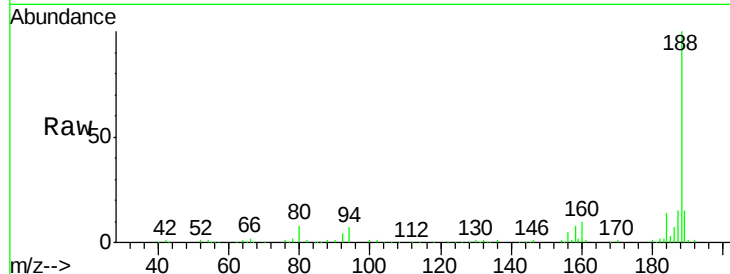




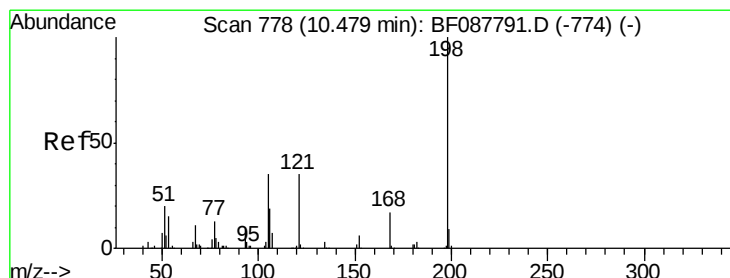
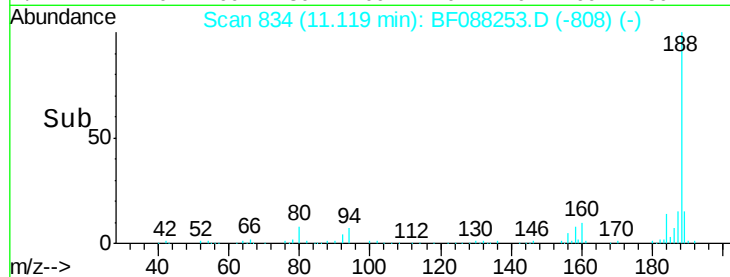
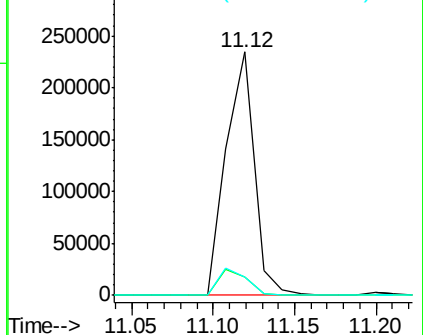
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF088253.D
Acq: 22 Jun 2016 16:55

Instrument :
BNA_F
ClientSampleId :
SB-1(4.5-5)

Tgt Ion:188 Resp: 279663
Ion Ratio Lower Upper
188 100
94 7.4 9.0 13.6#
80 7.8 10.0 15.0#

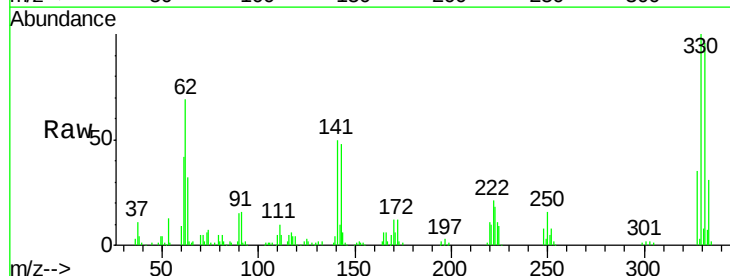


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

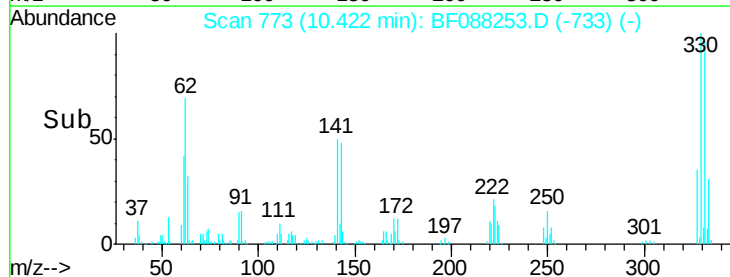
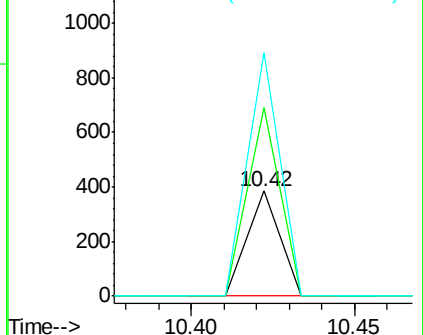


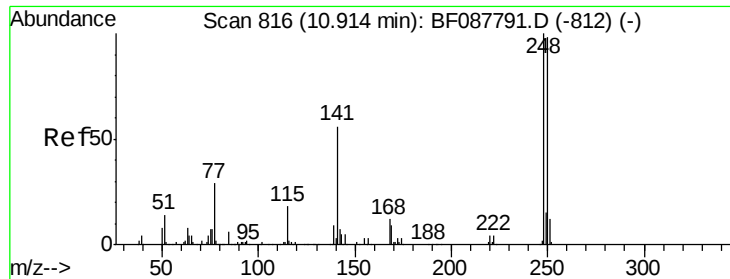
#64
4,6-Dinitro-2-methylphenol
Concen: 2.31 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.16 min
Lab File: BF088253.D
Acq: 22 Jun 2016 16:55

Tgt Ion:198 Resp: 264
Ion Ratio Lower Upper
198 100
51 179.2 39.6 79.6#
105 231.9 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

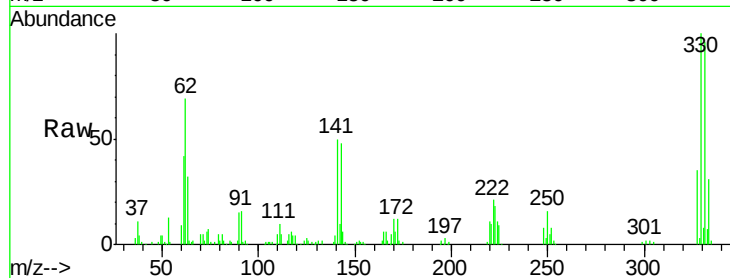




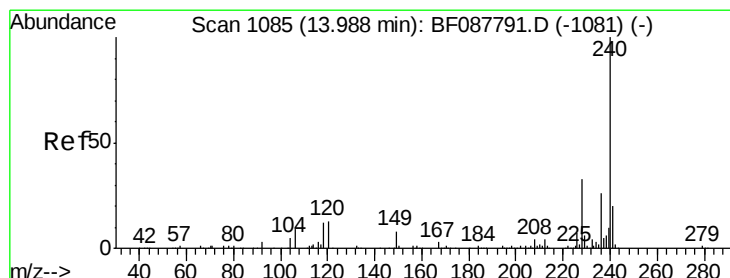
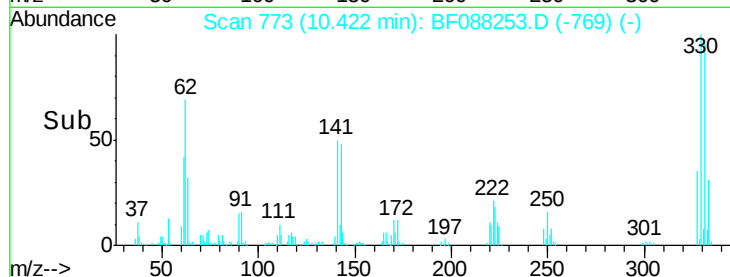
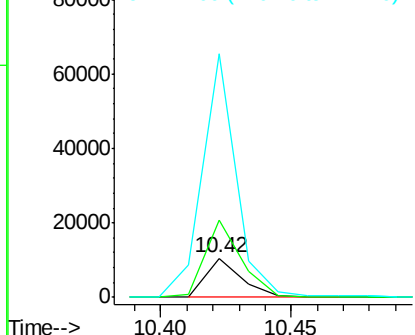
#66
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.25 min
Lab File: BF088253.D
Acq: 22 Jun 2016 16:55

Instrument :
BNA_F
ClientSampleId :
SB-1(4.5-5)

Tgt Ion:248 Resp: 9825
Ion Ratio Lower Upper
248 100
250 198.5 77.1 115.7#
141 622.9 50.6 76.0#

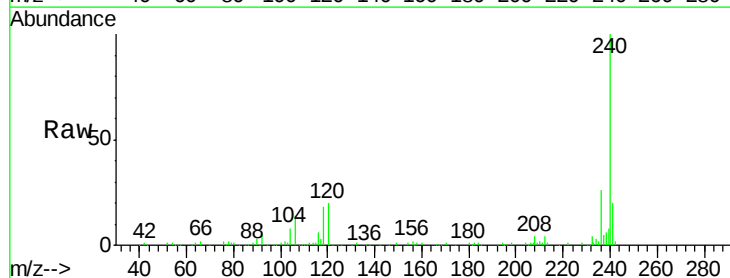


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

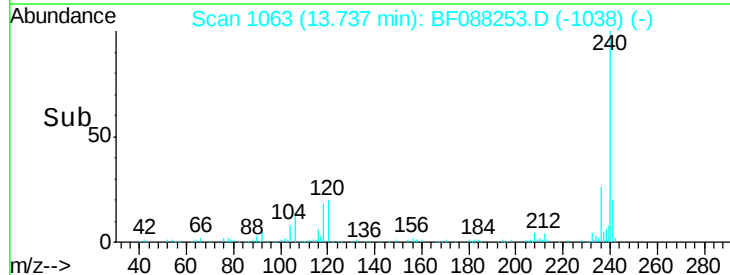
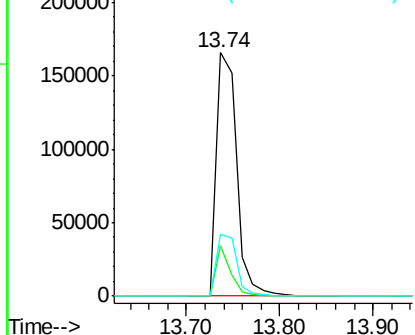


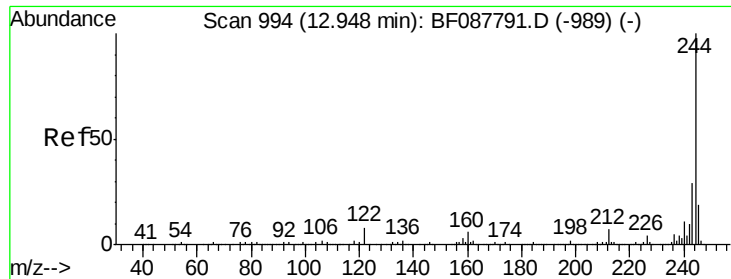
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF088253.D
Acq: 22 Jun 2016 16:55

Tgt Ion:240 Resp: 247949
Ion Ratio Lower Upper
240 100
120 20.5 6.8 10.2#
236 25.6 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

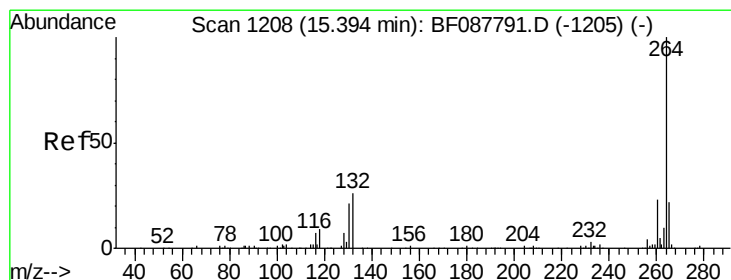
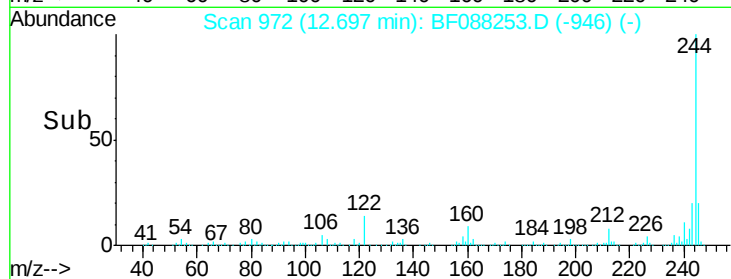
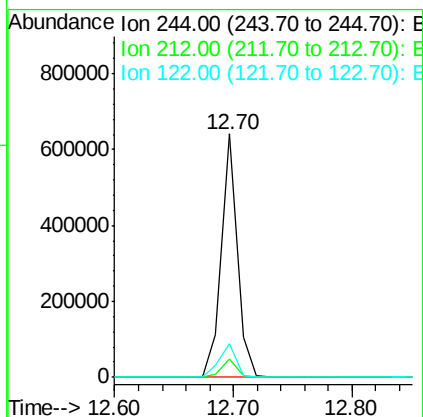
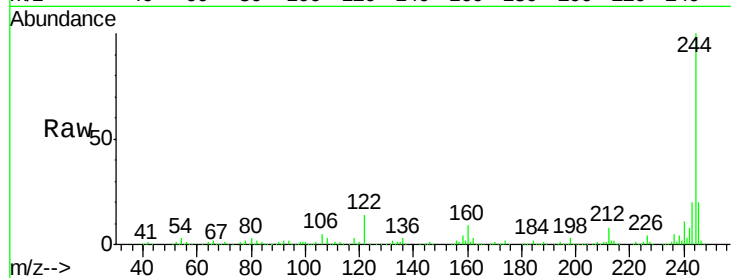




#78
 Terphenyl-d14
 Concen: 54.58 ng
 RT: 12.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF088253.D
 Acq: 22 Jun 2016 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(4.5-5)

Tgt Ion:244 Resp: 594715
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 13.6 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF088253.D
 Acq: 22 Jun 2016 16:55

Tgt Ion:264 Resp: 179893
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.3 16.9 25.3

