

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088193.D
 Acq On : 21 Jun 2016 2:13
 Operator : UM/SJ
 Sample : PB91495BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BL

Quant Time: Jun 21 04:07:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	75478	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	315549	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	142149	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	282188	20.00	ng	0.00
75) Chrysene-d12	13.81	240	214045	20.00	ng	0.00
86) Perylene-d12	15.18	264	167702	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	572846	129.75	ng	0.01
7) Phenol-d6	6.32	99	660314	123.41	ng	-0.01
23) Nitrobenzene-d5	7.23	82	412119	76.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	169528	112.95	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	789116	87.36	ng	-0.01
78) Terphenyl-d14	12.77	244	853350	90.72	ng	0.00

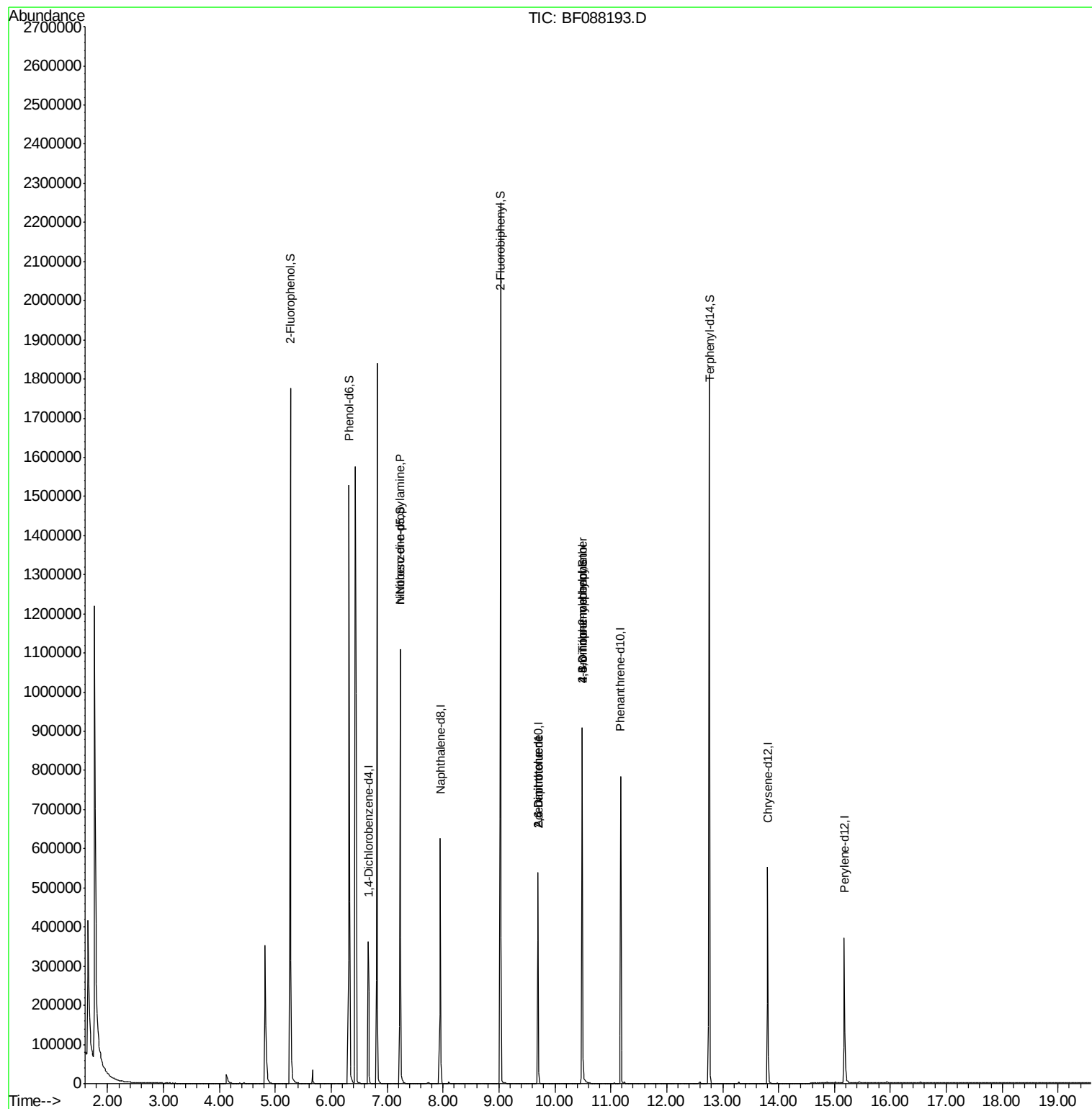
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.43	94	1042	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	52313	15.28	ng	71
45) 1,1'-Biphenyl	9.03	154	1433	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.70	165	17537	7.44	ng	37
56) 2,4-Dinitrotoluene	9.70	165	17537	5.79	ng	36
57) Fluorene	10.49	166	7664	Below Cal	#	92
64) 4,6-Dinitro-2-methylphenol	10.49	198	211	2.28	ng	9
66) 4-Bromophenyl-phenylether	10.49	248	10339	3.42	ng	1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
Data File : BF088193.D
Acq On : 21 Jun 2016 2:13
Operator : UM/SJ
Sample : PB91495BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91495BL

Quant Time: Jun 21 04:07:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088193.D

Acq: 21 Jun 2016 2:13

Instrument :

BNA_F

ClientSampleId :

PB91495BL

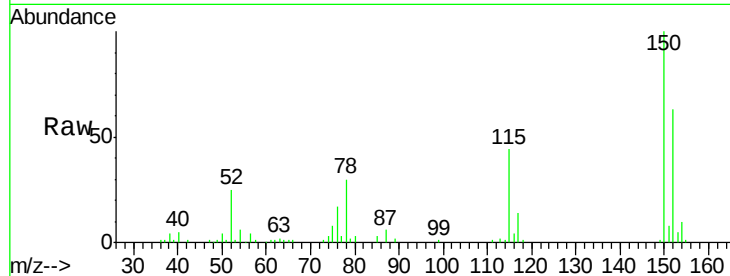
Tgt Ion:152 Resp: 75478

Ion Ratio Lower Upper

152 100

150 159.6 123.8 185.6

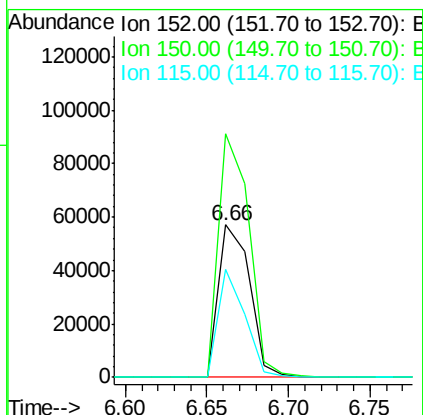
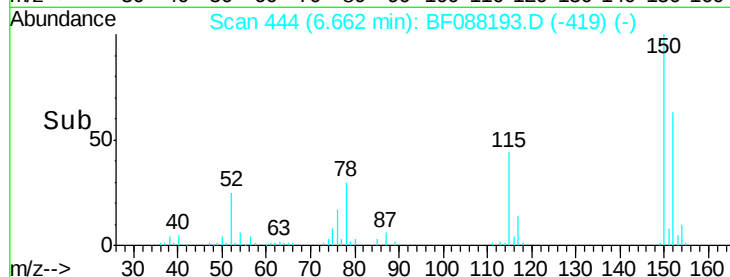
115 70.4 39.6 59.4#



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: 129.75 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088193.D

Acq: 21 Jun 2016 2:13

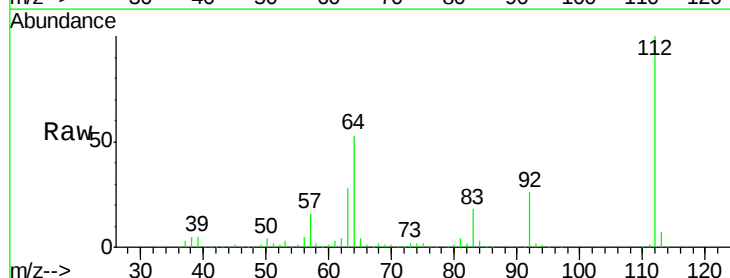
Tgt Ion:112 Resp: 572846

Ion Ratio Lower Upper

112 100

64 53.4 42.2 63.2

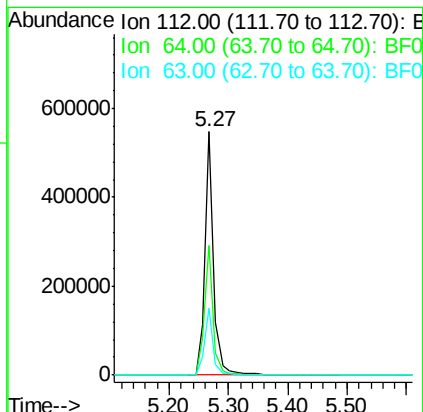
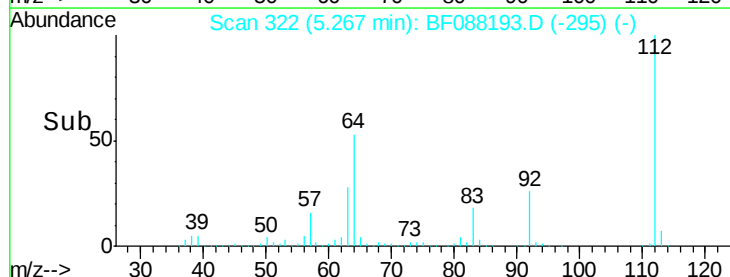
63 27.7 21.8 32.8



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: 123.41 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088193.D

Acq: 21 Jun 2016 2:13

Instrument :

BNA_F

ClientSampleId :

PB91495BL

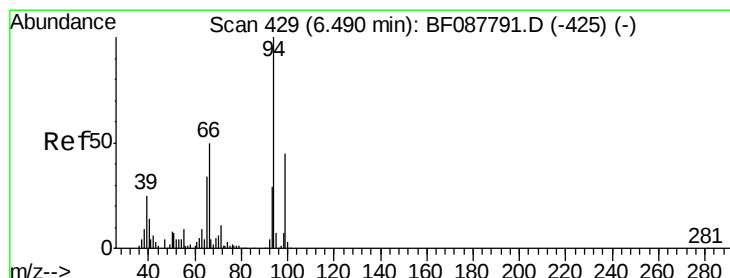
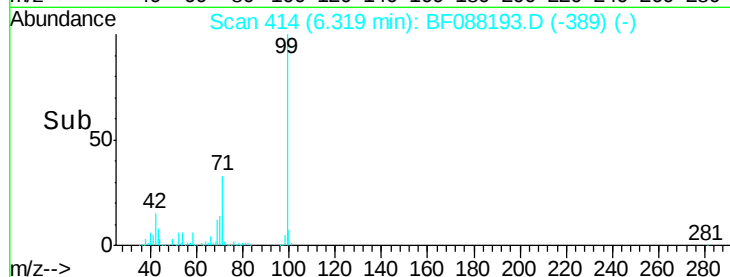
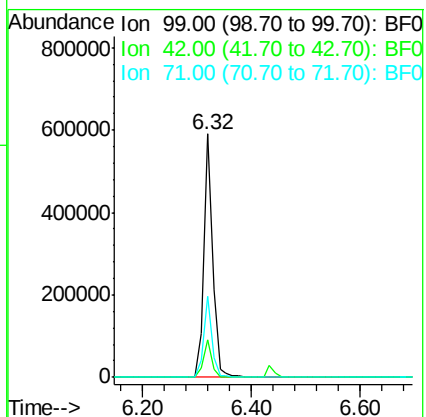
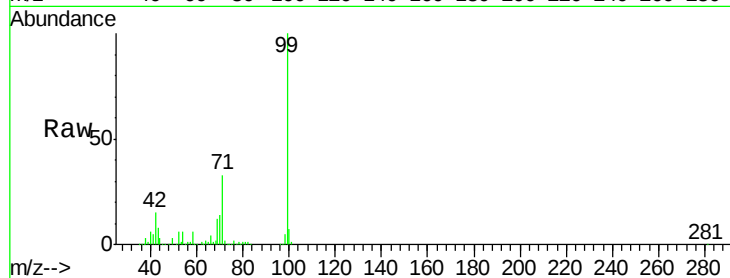
Tgt Ion: 99 Resp: 660314

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 33.4 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.43 min Scan# 424

Delta R.T. 0.09 min

Lab File: BF088193.D

Acq: 21 Jun 2016 2:13

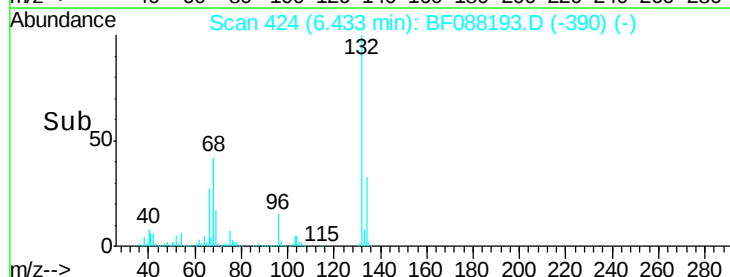
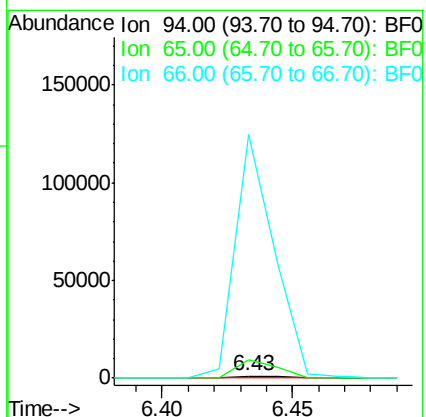
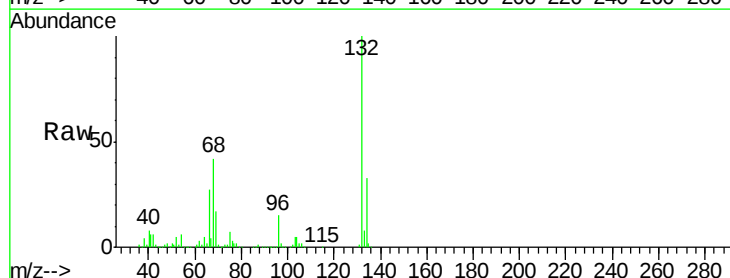
Tgt Ion: 94 Resp: 1042

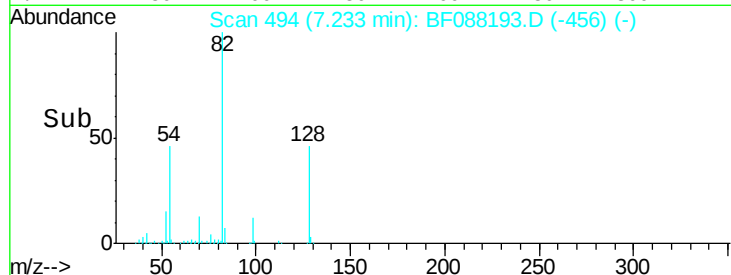
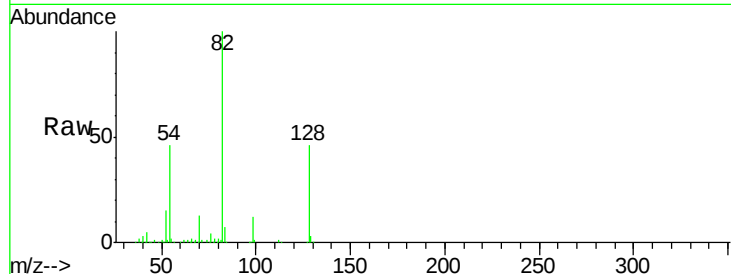
Ion Ratio Lower Upper

94 100

65 995.1 5.9 45.9#

66 13094.1 14.0 54.0#

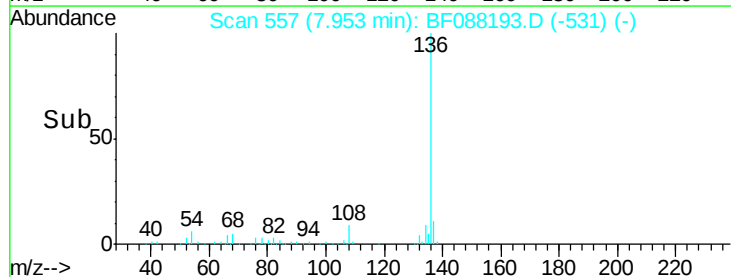
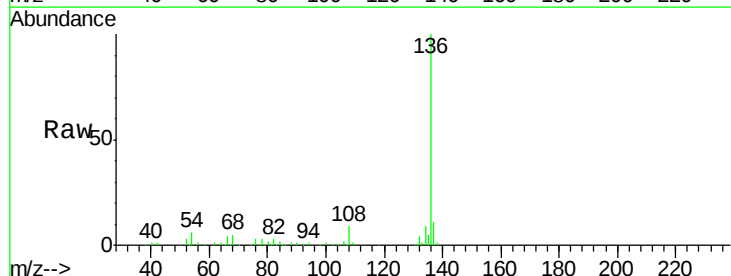
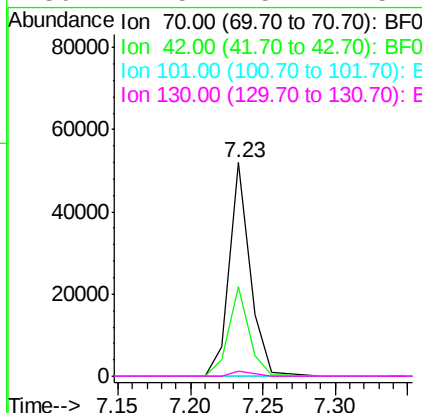




#19
n-Nitroso-di-n-propylamine
Concen: 15.28 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.14 min
Lab File: BF088193.D
Acq: 21 Jun 2016 2:13

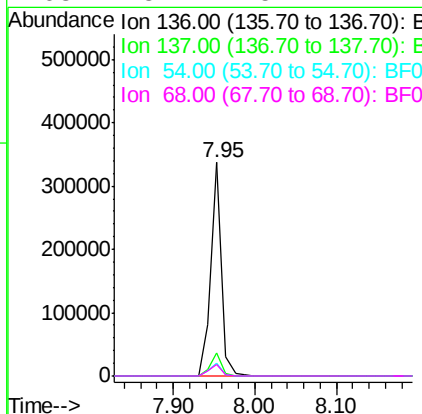
Instrument :
BNA_F
ClientSampleId :
PB91495BL

Tgt Ion: 70 Resp: 52313
Ion Ratio Lower Upper
70 100
42 41.7 49.6 74.4#
101 0.0 7.1 10.7#
130 2.5 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF088193.D
Acq: 21 Jun 2016 2:13

Tgt Ion: 136 Resp: 315549
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 5.8 6.6 10.0#
68 5.1 5.1 7.7#

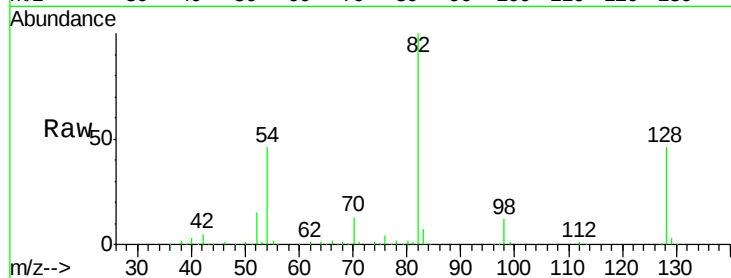




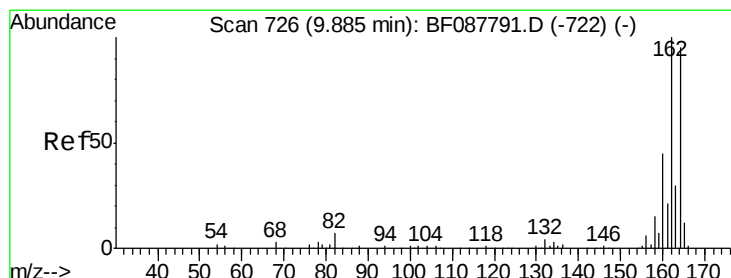
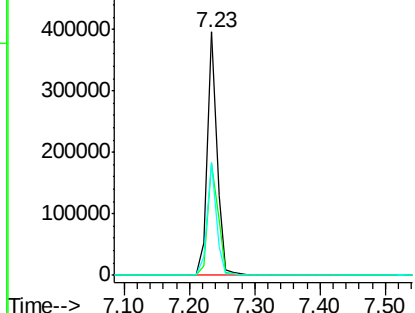
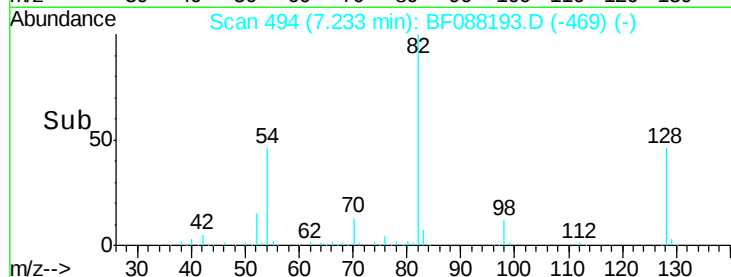
#23
 Nitrobenzene-d5
 Concen: 76.26 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088193.D
 Acq: 21 Jun 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BL

Tgt Ion: 82 Resp: 412119
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.9 53.9
 54 46.3 40.9 61.3

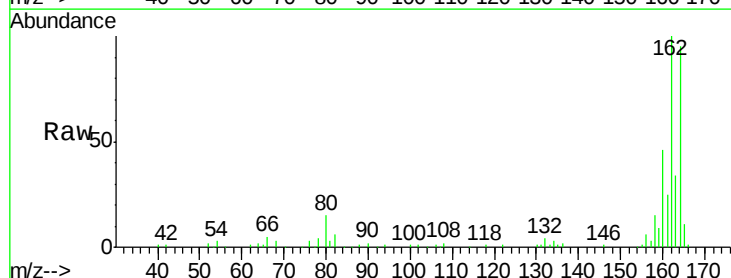


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

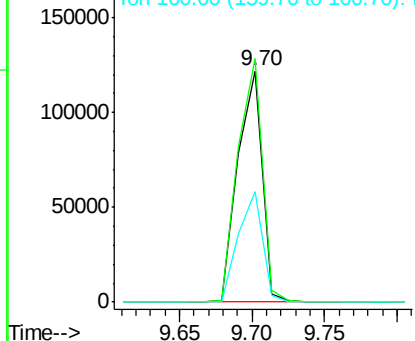
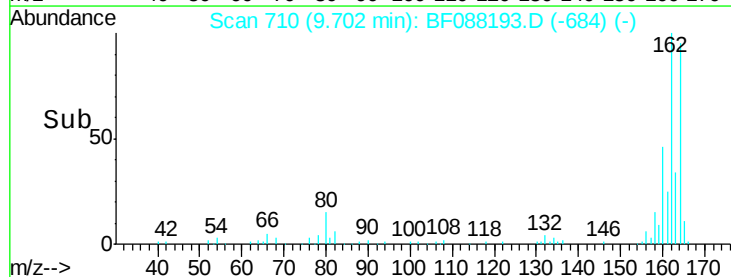


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF088193.D
 Acq: 21 Jun 2016 2:13

Tgt Ion: 164 Resp: 142149
 Ion Ratio Lower Upper
 164 100
 162 105.3 85.4 128.2
 160 48.0 39.5 59.3



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

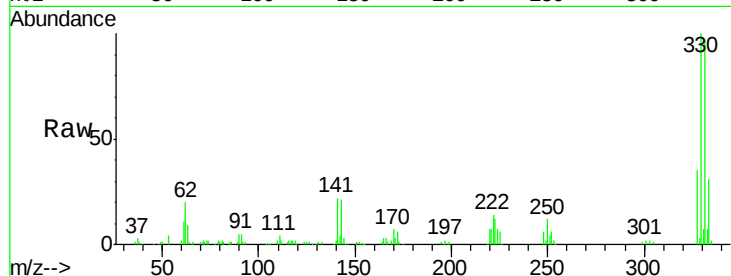




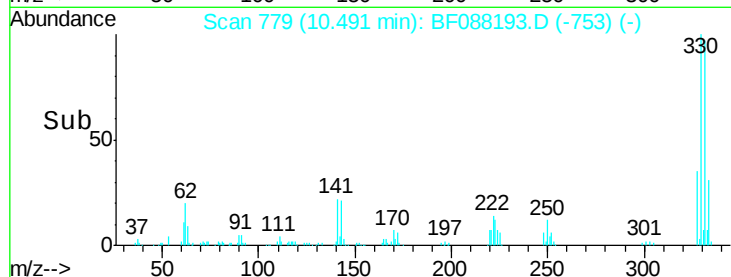
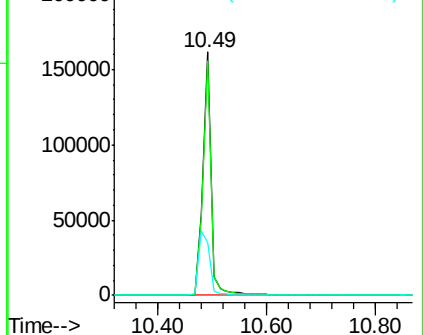
#41
 2,4,6-Tribromophenol
 Concen: 112.95 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088193.D
 Acq: 21 Jun 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	34.9	0.0	0.0#

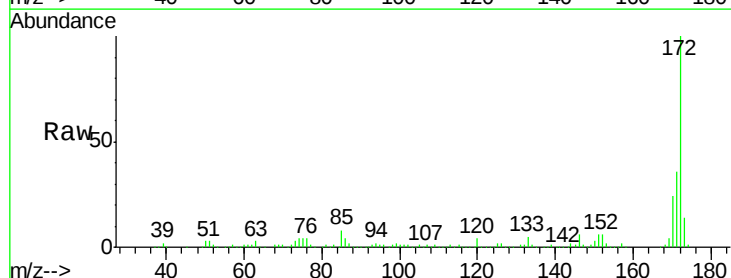


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

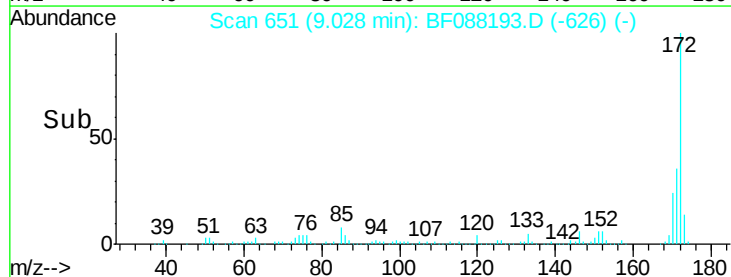
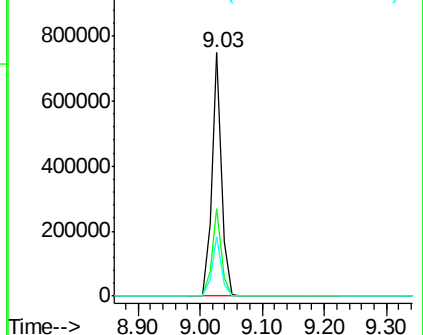


#44
 2-Fluorobiphenyl
 Concen: 87.36 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088193.D
 Acq: 21 Jun 2016 2:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.3	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: 9.03 min Scan# 651

Delta R.T. -0.10 min

Lab File: BF088193.D

Acq: 21 Jun 2016 2:13

Instrument :

BNA_F

ClientSampleId :

PB91495BL

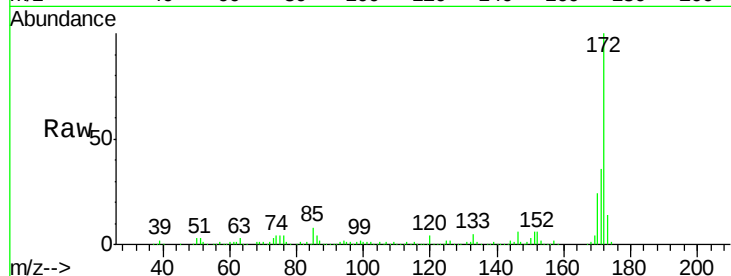
Tgt Ion:154 Resp: 1433

Ion Ratio Lower Upper

154 100

153 886.0 20.6 60.6#

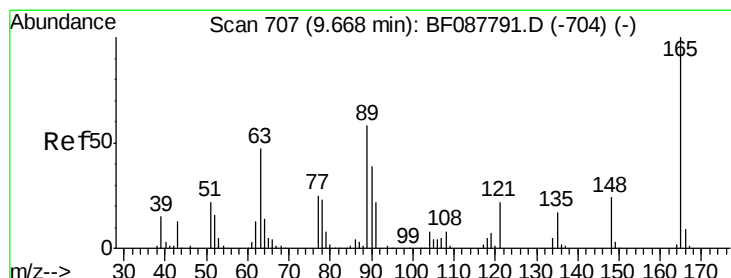
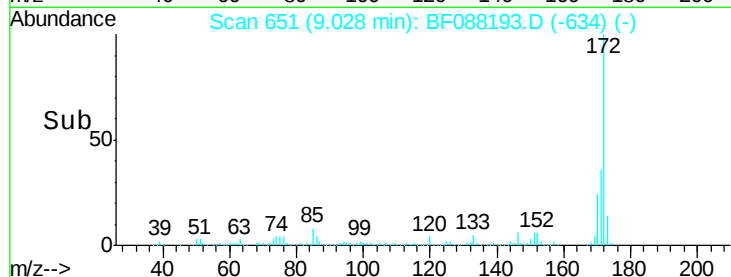
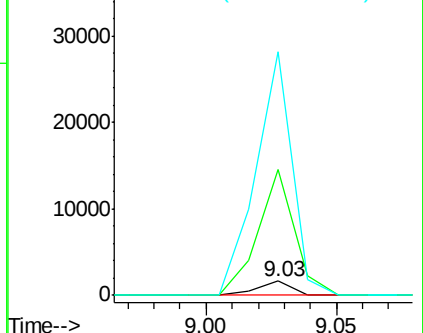
76 1709.7 0.0 35.1#



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



#50

2,6-Dinitrotoluene

Concen: 7.44 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.19 min

Lab File: BF088193.D

Acq: 21 Jun 2016 2:13

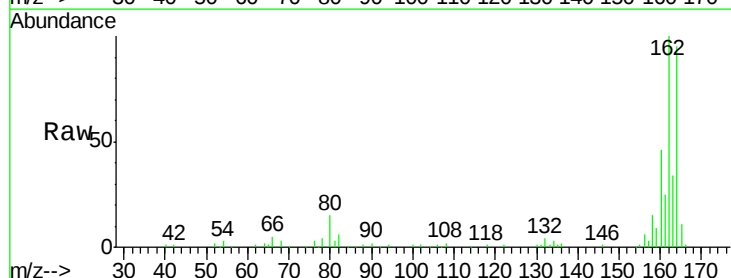
Tgt Ion:165 Resp: 17537

Ion Ratio Lower Upper

165 100

63 0.0 28.1 42.1#

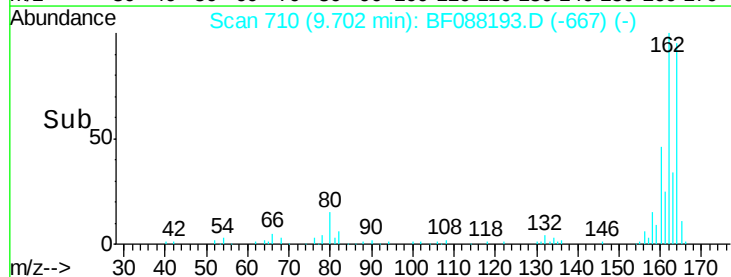
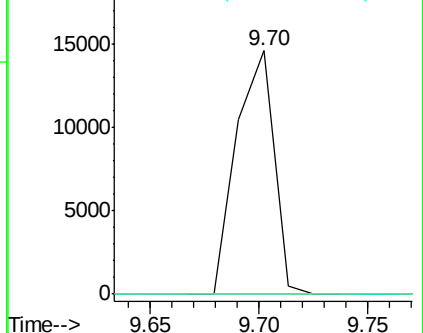
89 0.0 32.2 48.2#



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

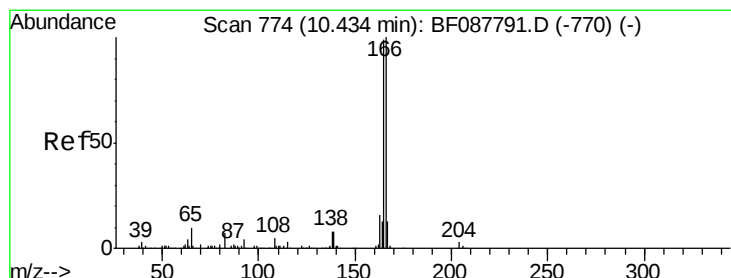
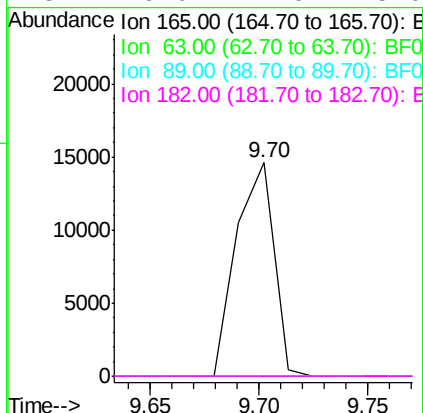
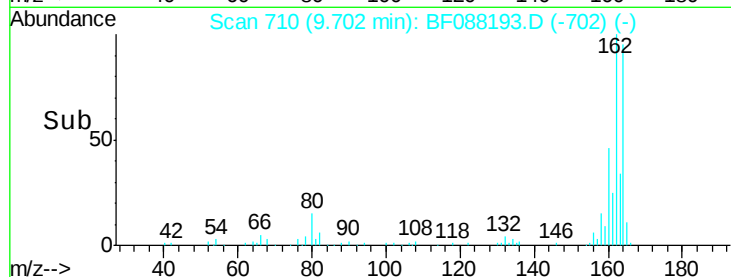
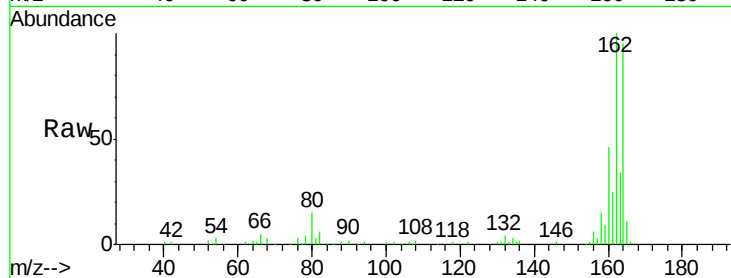




#56
2,4-Dinitrotoluene
Concen: 5.79 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.21 min
Lab File: BF088193.D
Acq: 21 Jun 2016 2:13

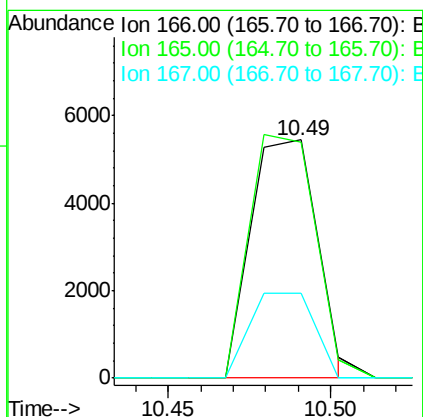
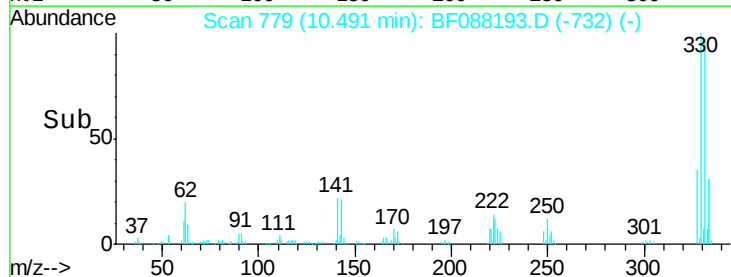
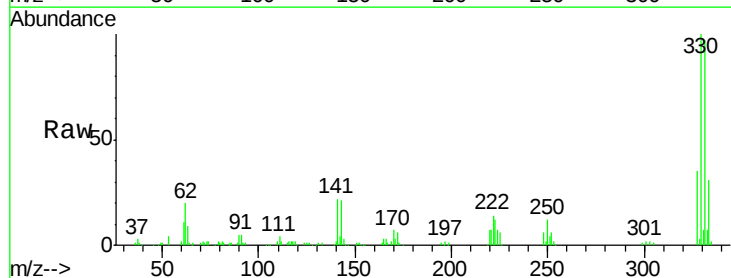
Instrument :
BNA_F
ClientSampleId :
PB91495BL

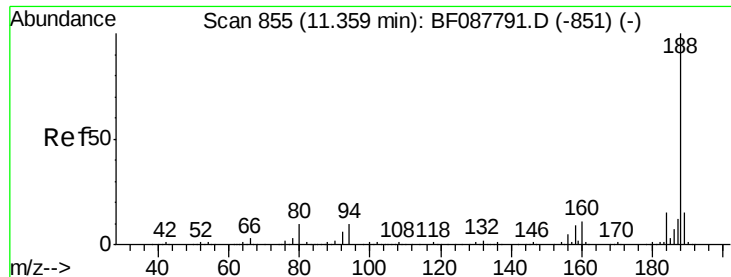
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.49 min Scan# 779
Delta R.T. 0.24 min
Lab File: BF088193.D
Acq: 21 Jun 2016 2:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.8	116.8
167	35.5	11.2	16.8#

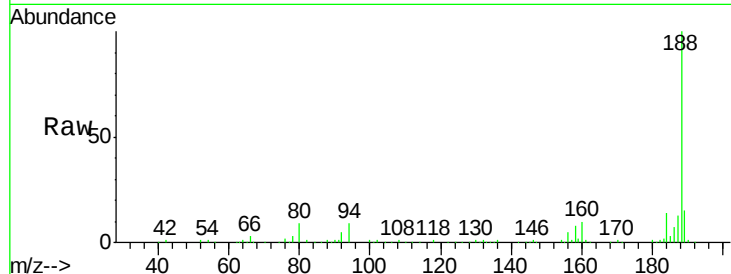




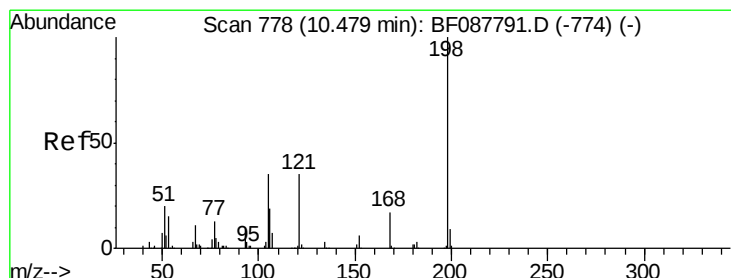
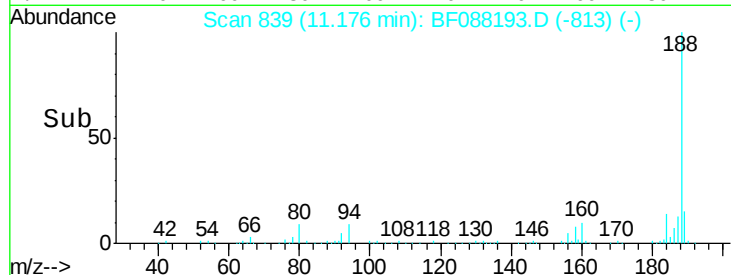
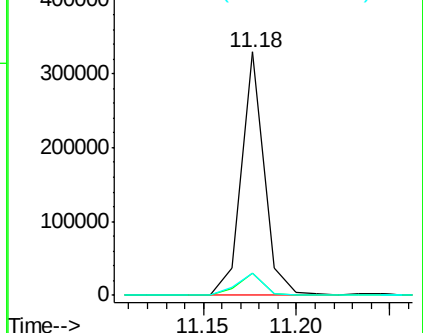
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF088193.D
Acq: 21 Jun 2016 2:13

Instrument :
BNA_F
ClientSampleId :
PB91495BL

Tgt Ion:188 Resp: 282188
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.6
80 9.1 10.0 15.0#

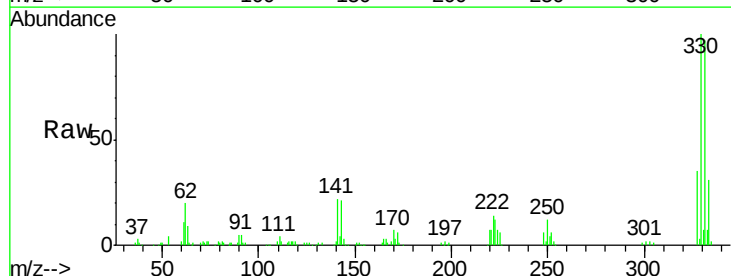


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

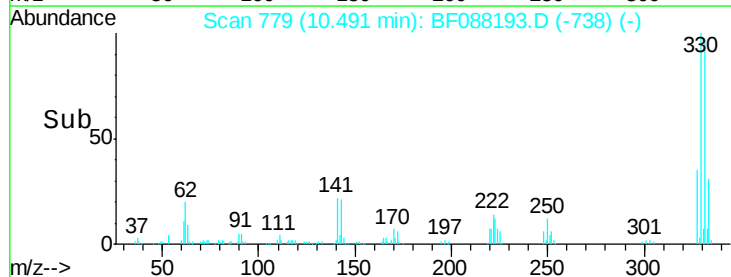
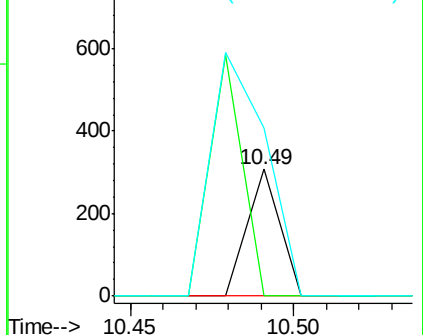


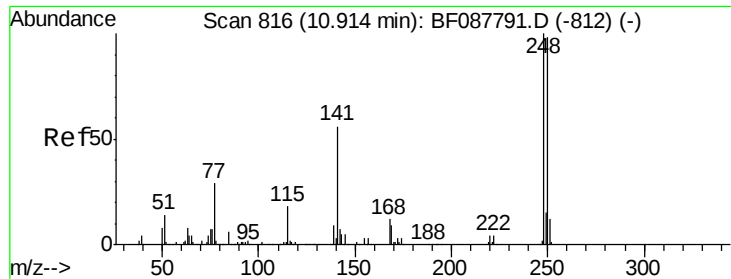
#64
4,6-Dinitro-2-methylphenol
Concen: 2.28 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.17 min
Lab File: BF088193.D
Acq: 21 Jun 2016 2:13

Tgt Ion:198 Resp: 211
Ion Ratio Lower Upper
198 100
51 0.0 39.6 79.6#
105 132.6 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

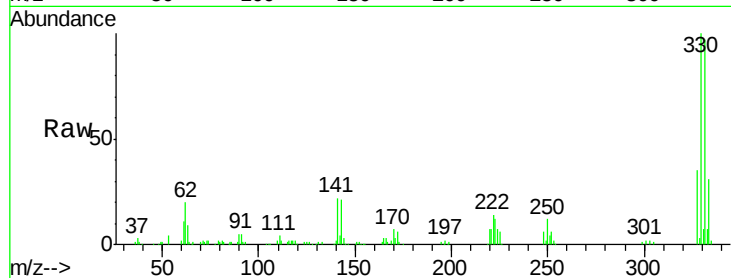




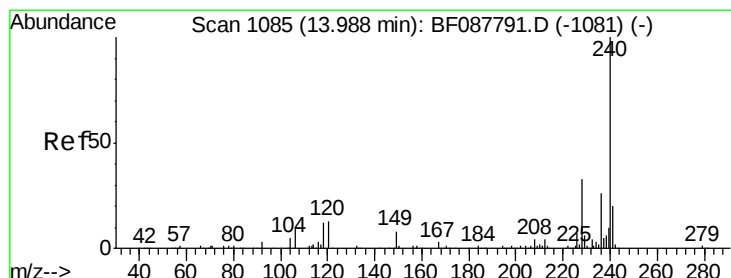
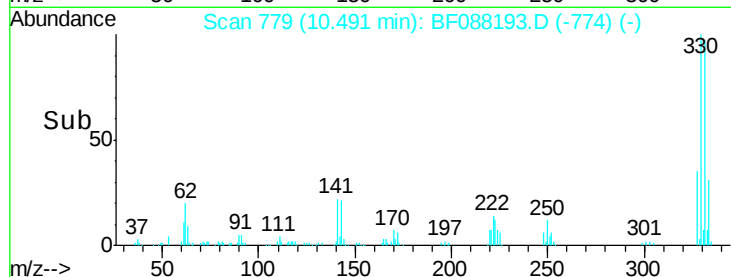
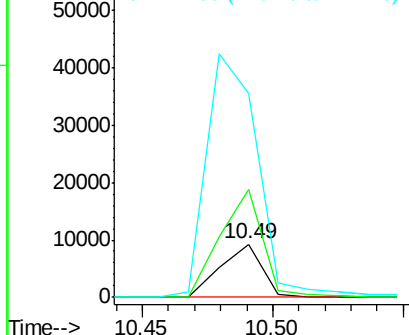
#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.24 min
Lab File: BF088193.D
Acq: 21 Jun 2016 2:13

Instrument :
BNA_F
ClientSampled :
PB91495BL

Tgt Ion:248 Resp: 10339
Ion Ratio Lower Upper
248 100
250 203.7 77.1 115.7#
141 383.4 50.6 76.0#

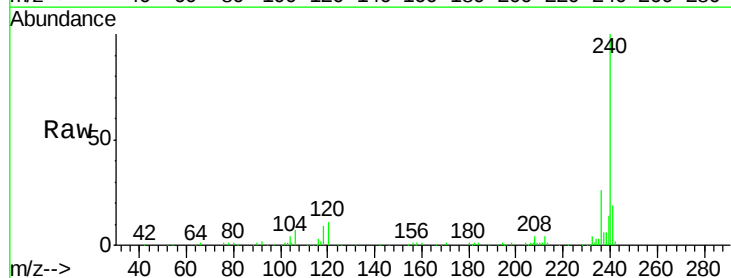


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

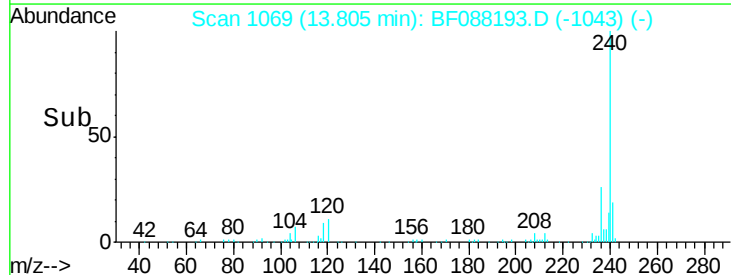
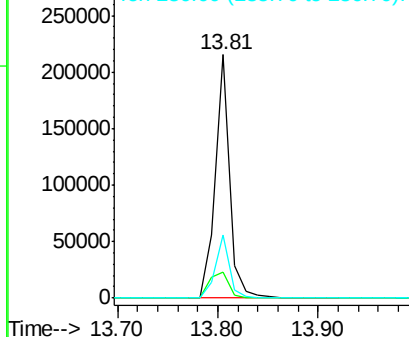


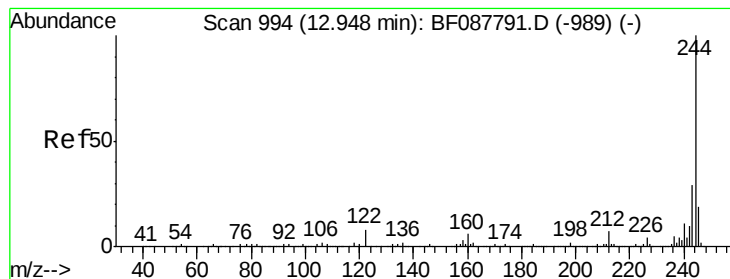
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF088193.D
Acq: 21 Jun 2016 2:13

Tgt Ion:240 Resp: 214045
Ion Ratio Lower Upper
240 100
120 10.6 6.8 10.2#
236 26.0 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: 90.72 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF088193.D

Acq: 21 Jun 2016 2:13

Instrument :

BNA_F

ClientSampleId :

PB91495BL

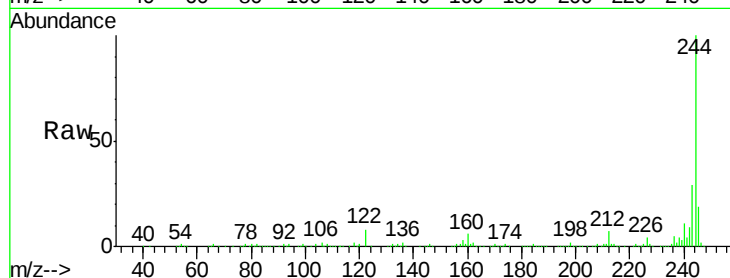
Tgt Ion:244 Resp: 853350

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

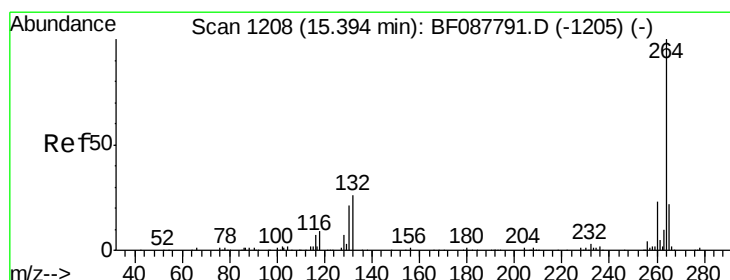
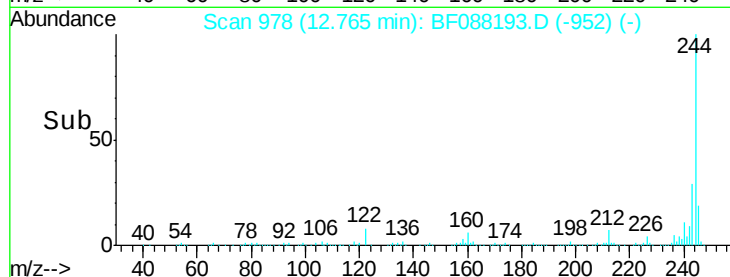
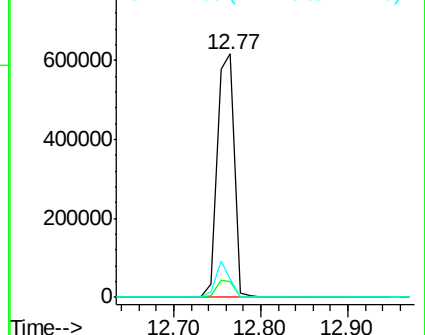
122 7.7 11.2 16.8#



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: 15.18 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF088193.D

Acq: 21 Jun 2016 2:13

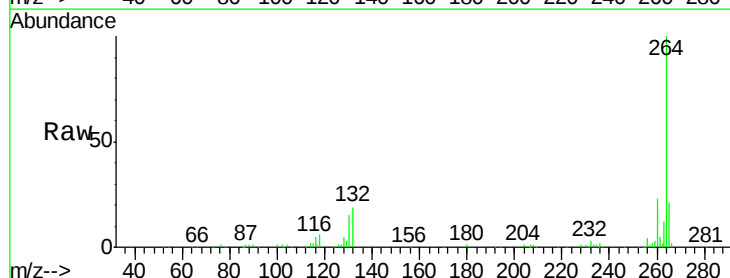
Tgt Ion:264 Resp: 167702

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.5 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

