

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
 Data File : BF091068.D
 Acq On : 7 Nov 2016 20:50
 Operator : UM/SJ
 Sample : H5565-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRITTON-PHILLY-PA

Quant Time: Nov 07 23:58:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

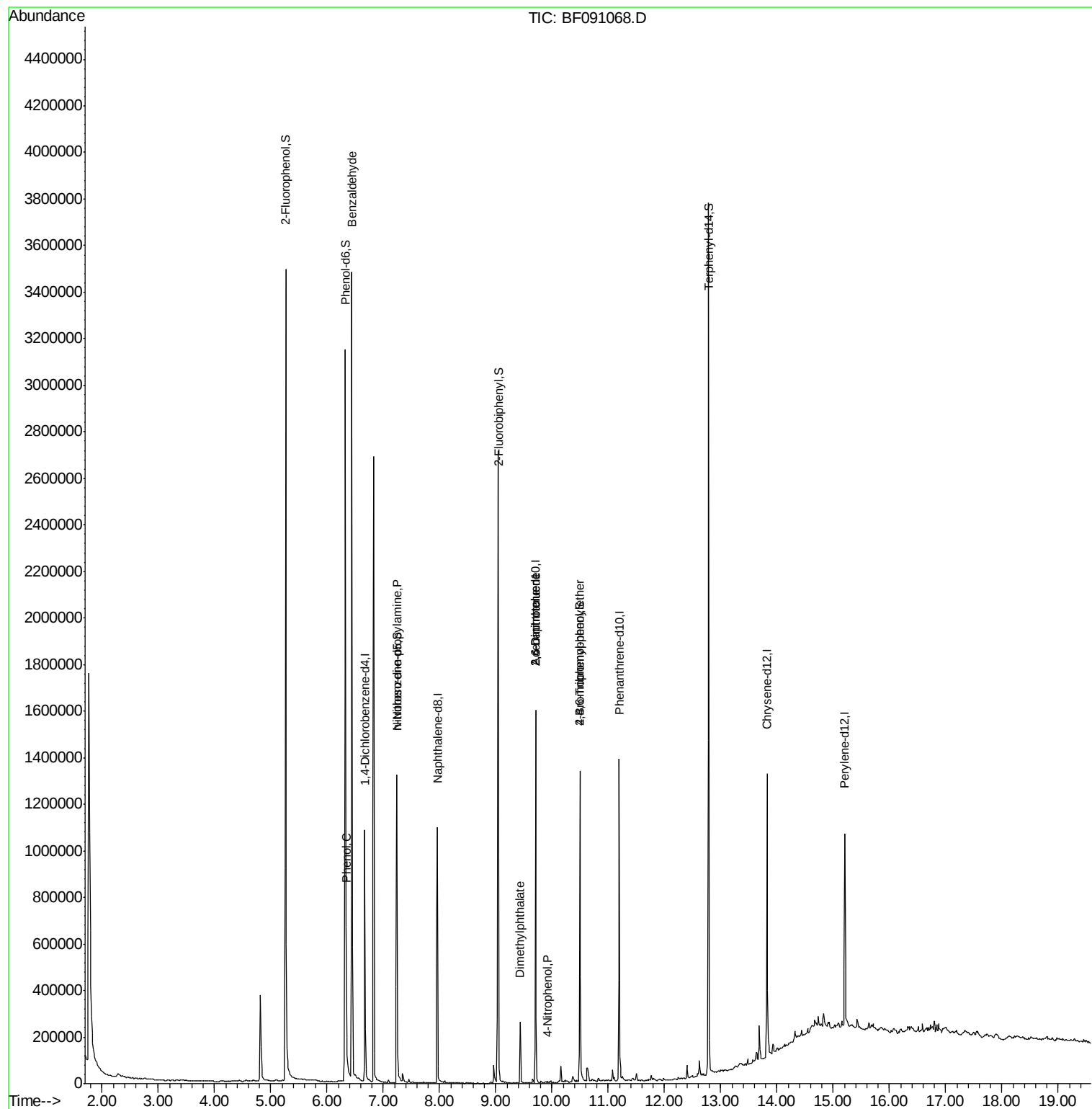
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	177020	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	655449	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	342801	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	566315	20.00	ng	-0.03
75) Chrysene-d12	13.82	240	433822	20.00	ng	-0.03
86) Perylene-d12	15.21	264	379099	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1068496	99.69	ng	-0.02
7) Phenol-d6	6.33	99	1297629	89.19	ng	-0.02
23) Nitrobenzene-d5	7.24	82	506345	42.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	194812	62.86	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	1423319	71.48	ng	-0.02
78) Terphenyl-d14	12.78	244	1338612	77.00	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.44	77	22561	2.79	ng	91
10) Phenol	6.34	94	113183	7.03	ng	# 56
19) n-Nitroso-di-n-propylamine	7.24	70	66945	6.64	ng	# 71
49) Dimethylphthalate	9.44	163	112041	4.98	ng	98
50) 2,6-Dinitrotoluene	9.71	165	44397	9.22	ng	# 11
55) 4-Nitrophenol	9.92	139	243	5.79	ng	# 1
56) 2,4-Dinitrotoluene	9.71	165	44390	7.24	ng	# 26
66) 4-Bromophenyl-phenylether	10.50	248	12543	2.13	ng	# 1

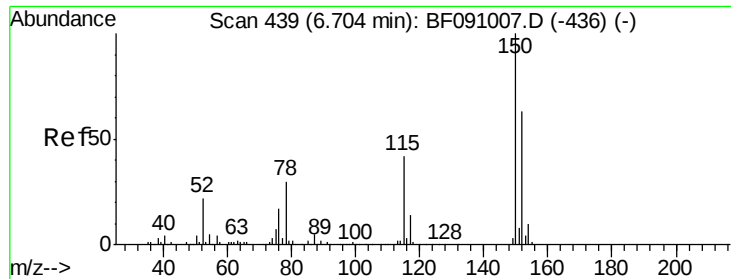
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
Data File : BF091068.D
Acq On : 7 Nov 2016 20:50
Operator : UM/SJ
Sample : H5565-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRITTON-PHILLY-PA

Quant Time: Nov 07 23:58:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration



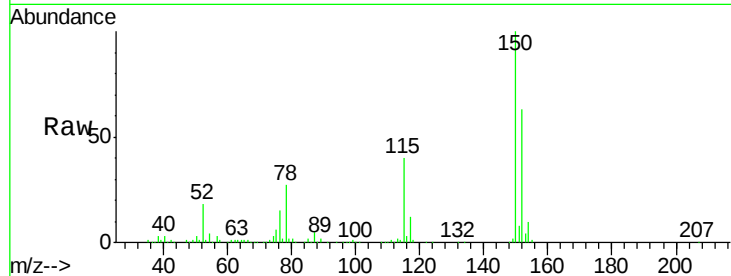


#1

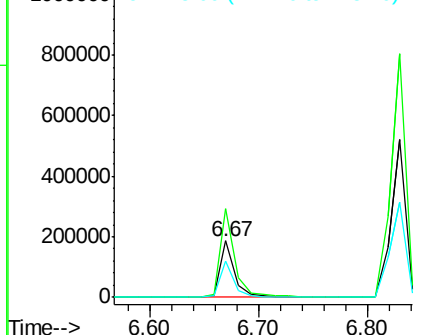
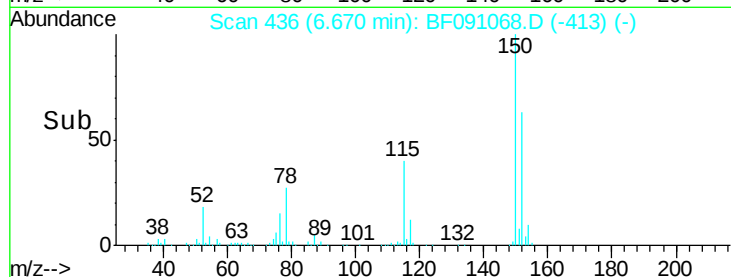
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 436
 Delta R.T. -0.03 min
 Lab File: BF091068.D
 Acq: 7 Nov 2016 20:50

Instrument :
 BNA_F
 ClientSampleId :
 BRITTON-PHILLY-PA

Tgt Ion:152 Resp: 177020
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.8 190.2
 115 63.8 53.3 79.9



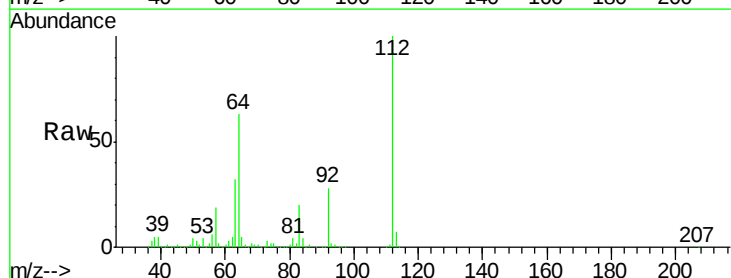
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



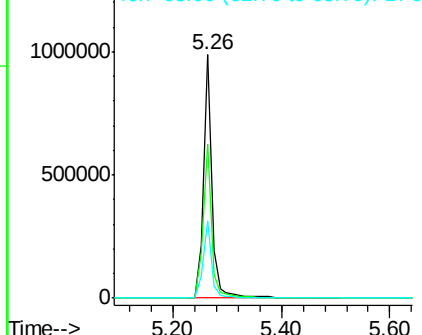
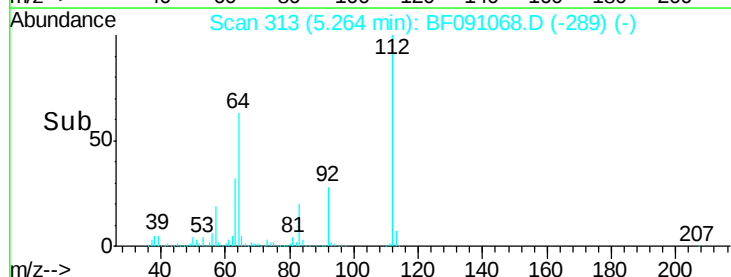
#5

2-Fluorophenol
 Concen: 99.69 ng
 RT: 5.26 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF091068.D
 Acq: 7 Nov 2016 20:50

Tgt Ion:112 Resp: 1068496
 Ion Ratio Lower Upper
 112 100
 64 63.5 55.8 83.6
 63 31.8 28.0 42.0



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: 89.19 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091068.D

Acq: 7 Nov 2016 20:50

Instrument :

BNA_F

ClientSampleId :

BRITTON-PHILLY-PA

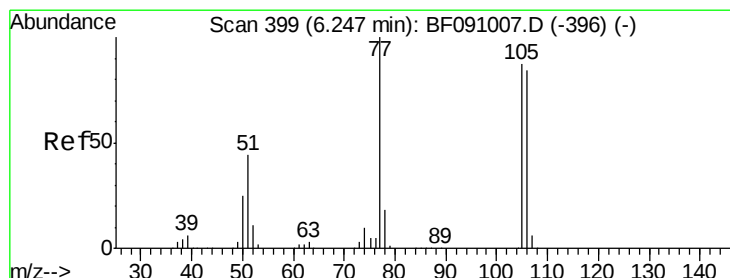
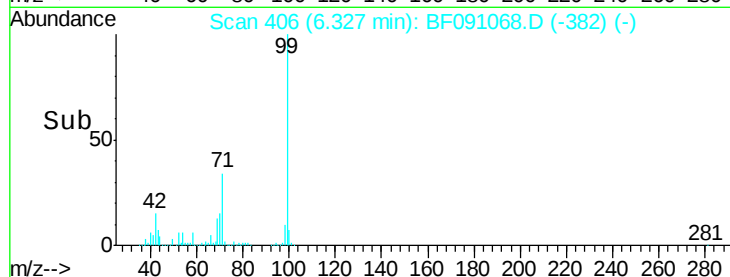
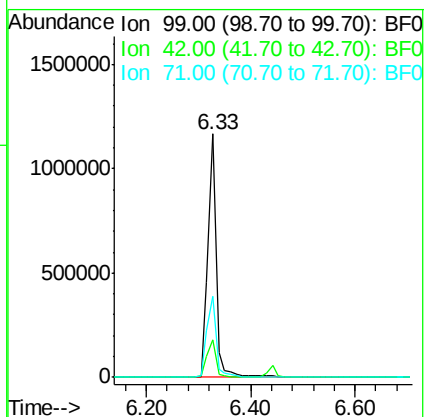
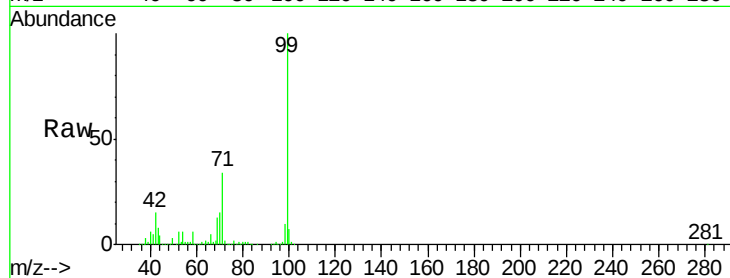
Tgt Ion: 99 Resp: 1297629

Ion Ratio Lower Upper

99 100

42 15.3 13.9 20.9

71 33.5 27.8 41.8



#9

Benzaldehyde

Concen: 2.79 ng

RT: 6.44 min Scan# 416

Delta R.T. 0.19 min

Lab File: BF091068.D

Acq: 7 Nov 2016 20:50

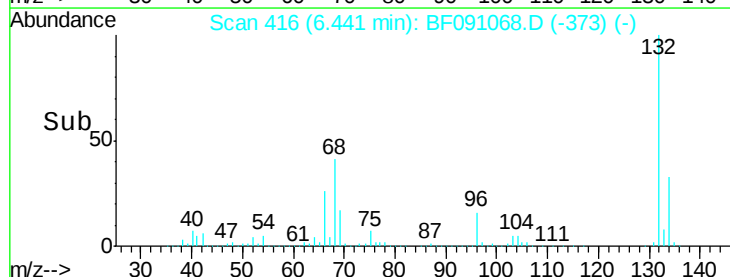
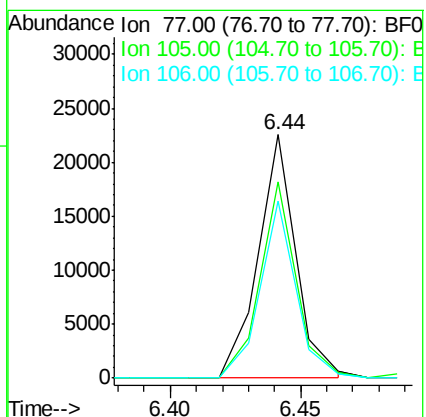
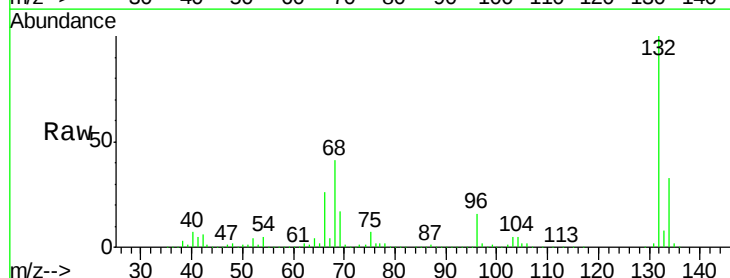
Tgt Ion: 77 Resp: 22561

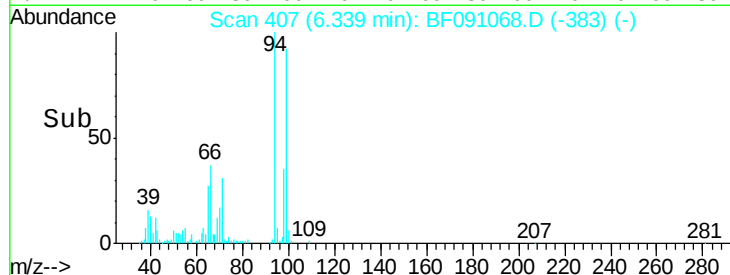
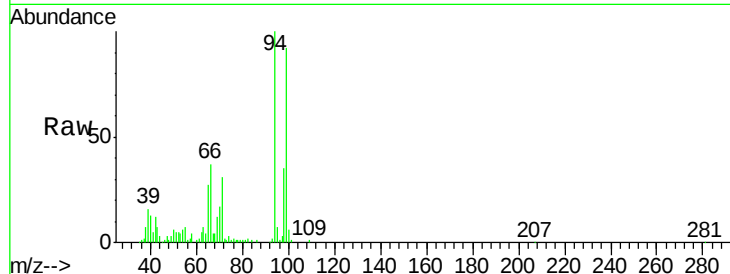
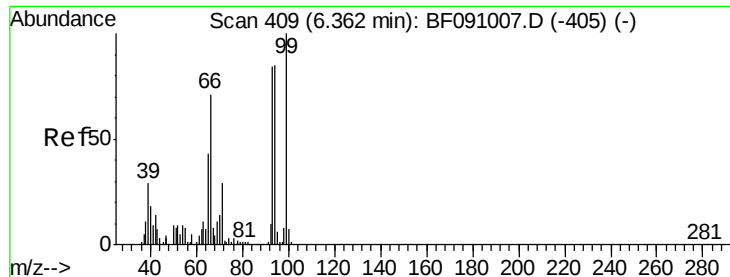
Ion Ratio Lower Upper

77 100

105 80.8 66.8 106.8

106 72.9 64.0 104.0





#10

Phenol

Concen: 7.03 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF091068.D

Acq: 7 Nov 2016 20:50

Instrument :

BNA_F

ClientSampleId :

BRITTON-PHILLY-PA

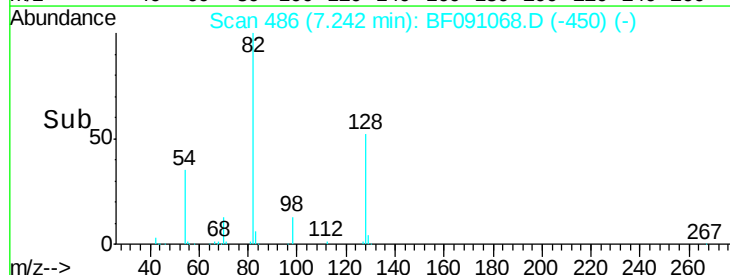
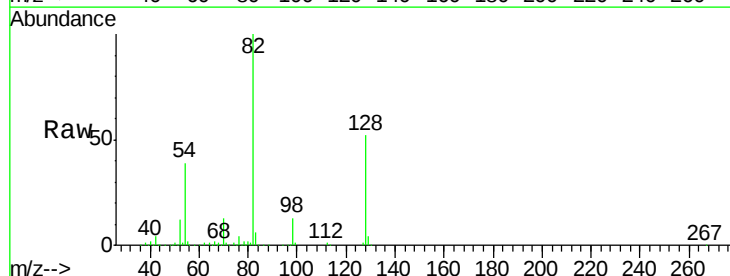
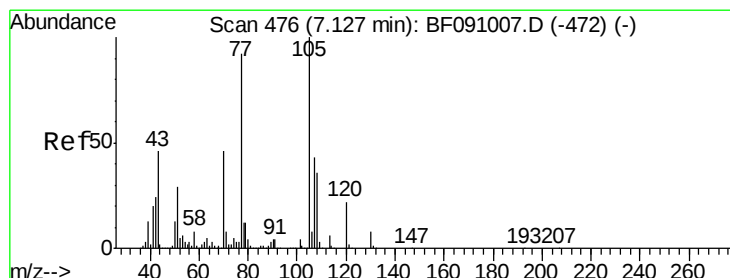
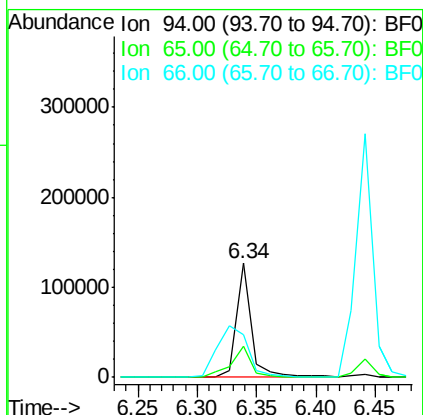
Tgt Ion: 94 Resp: 113183

Ion Ratio Lower Upper

94 100

65 27.1 30.4 70.4#

66 37.2 62.9 102.9#



#19

n-Nitroso-di-n-propylamine

Concen: 6.64 ng

RT: 7.24 min Scan# 486

Delta R.T. 0.11 min

Lab File: BF091068.D

Acq: 7 Nov 2016 20:50

Tgt Ion: 70 Resp: 66945

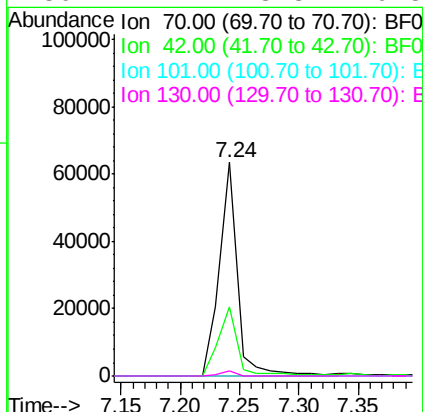
Ion Ratio Lower Upper

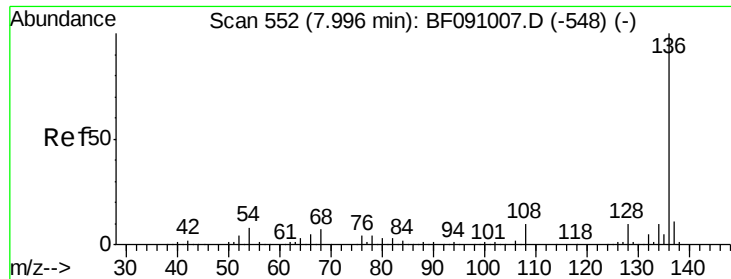
70 100

42 32.1 41.7 62.5#

101 0.0 6.7 10.1#

130 2.7 13.8 20.8#

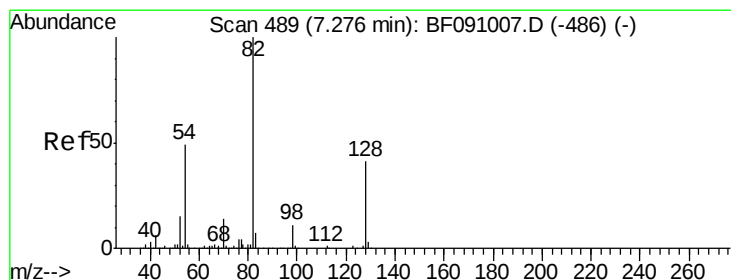
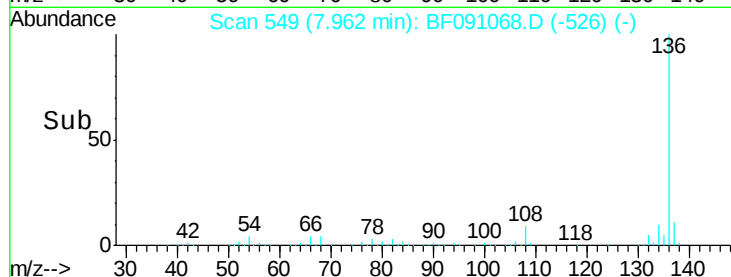
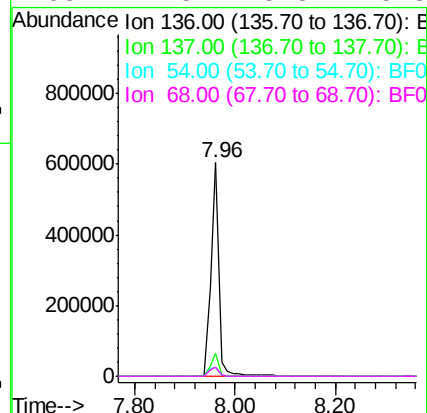
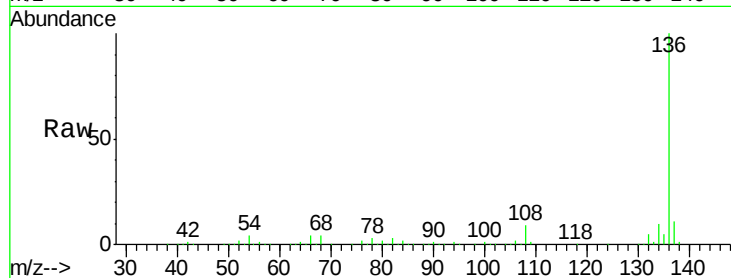




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF091068.D
Acq: 7 Nov 2016 20:50

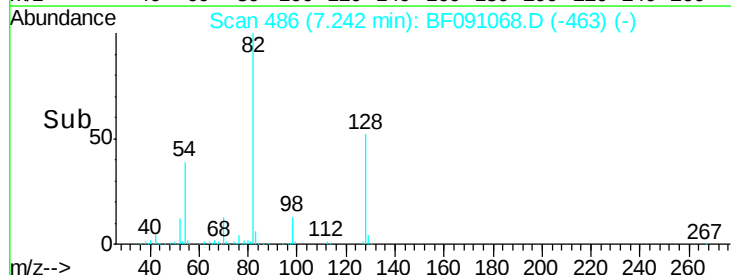
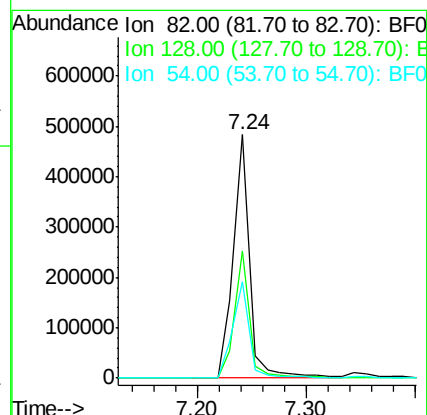
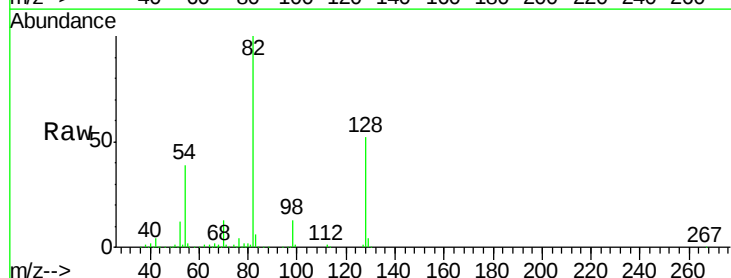
Instrument :
BNA_F
ClientSampleId :
BRITTON-PHILLY-PA

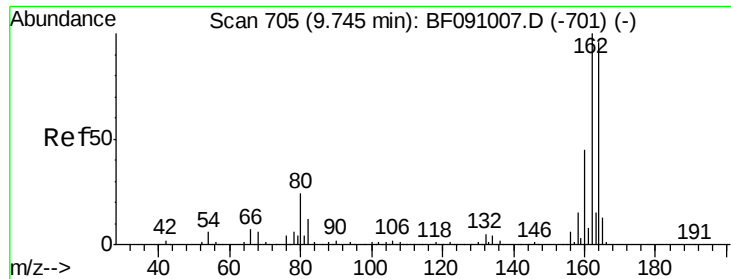
Tgt Ion:	136	Resp:	655449
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	4.4	6.2	9.2#
68	4.5	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 42.14 ng
RT: 7.24 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF091068.D
Acq: 7 Nov 2016 20:50

Tgt Ion:	82	Resp:	506345
Ion	Ratio	Lower	Upper
82	100		
128	52.3	32.4	48.6#
54	39.4	39.2	58.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF091068.D

Acq: 7 Nov 2016 20:50

Instrument :

BNA_F

ClientSampleId :

BRITTON-PHILLY-PA

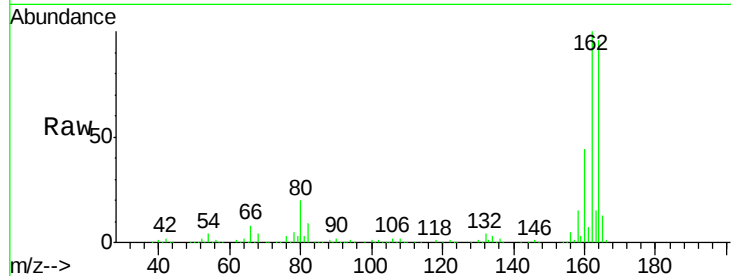
Tgt Ion:164 Resp: 342801

Ion Ratio Lower Upper

164 100

162 103.6 83.6 125.4

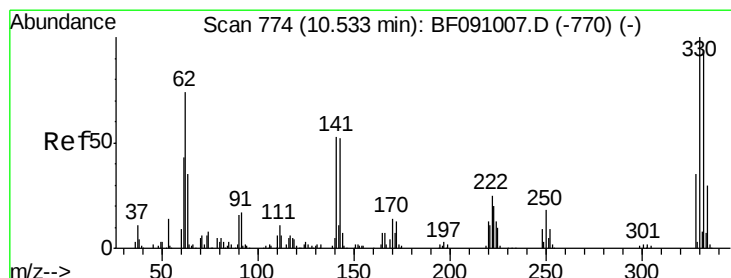
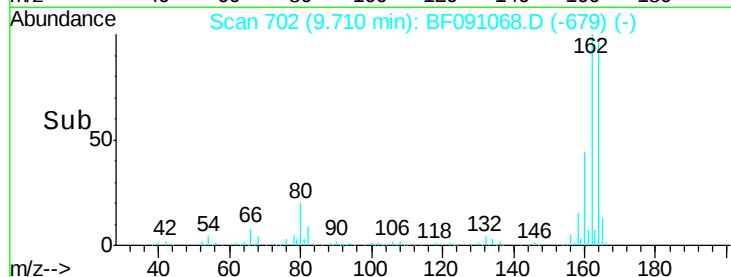
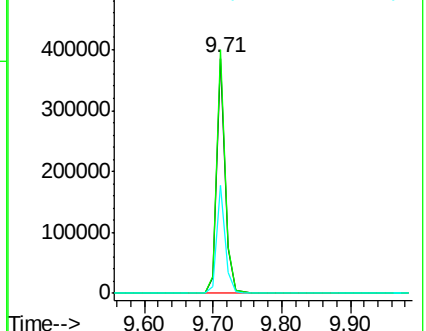
160 46.0 37.9 56.9



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: 62.86 ng

RT: 10.50 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF091068.D

Acq: 7 Nov 2016 20:50

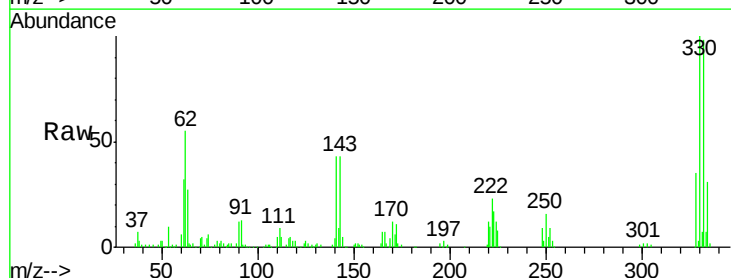
Tgt Ion:330 Resp: 194812

Ion Ratio Lower Upper

330 100

332 98.3 75.9 113.9

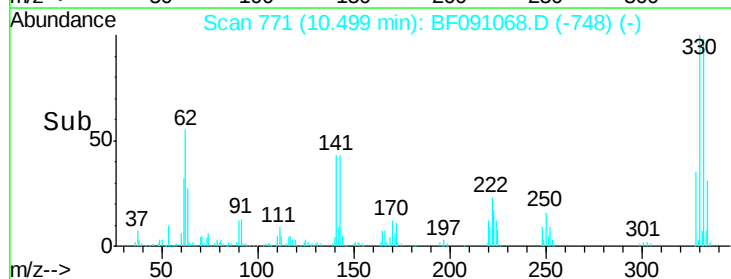
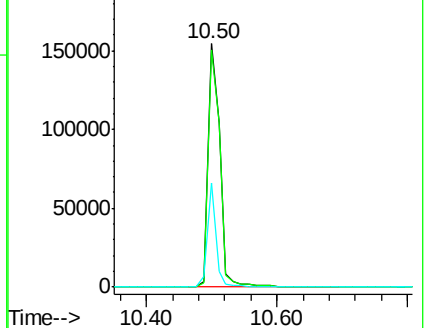
141 31.3 36.1 54.1#

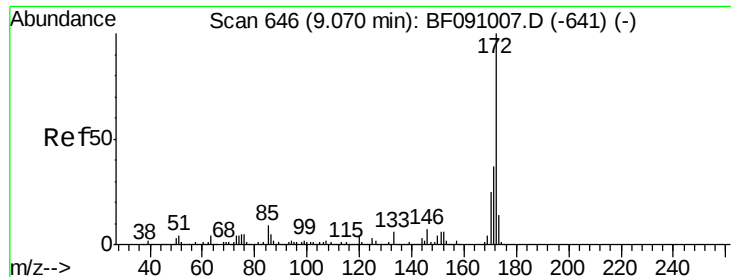


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

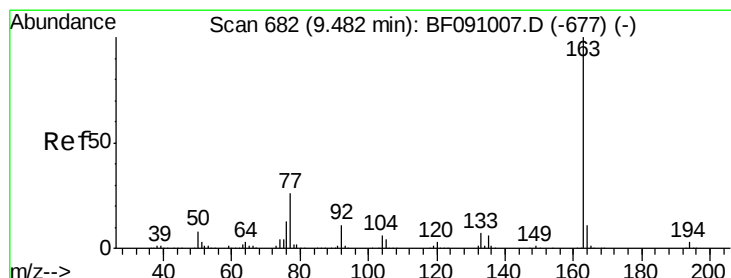
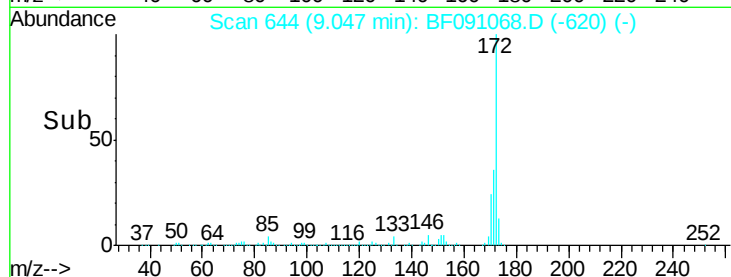
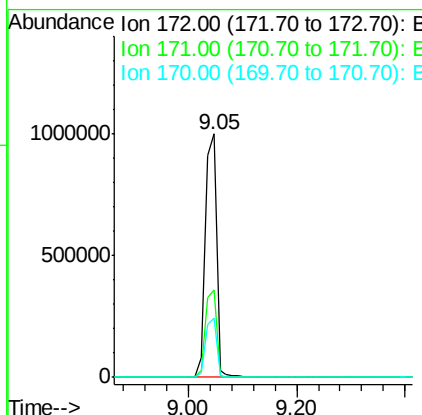
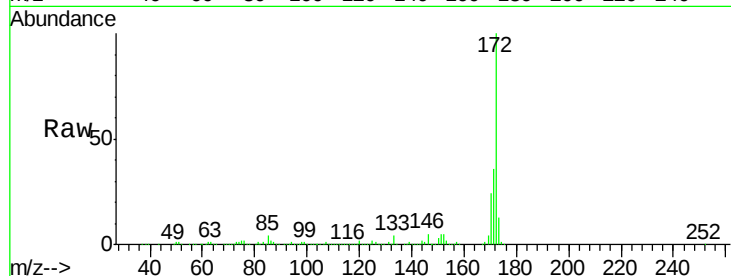




#44
2-Fluorobiphenyl
Concen: 71.48 ng
RT: 9.05 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF091068.D
Acq: 7 Nov 2016 20:50

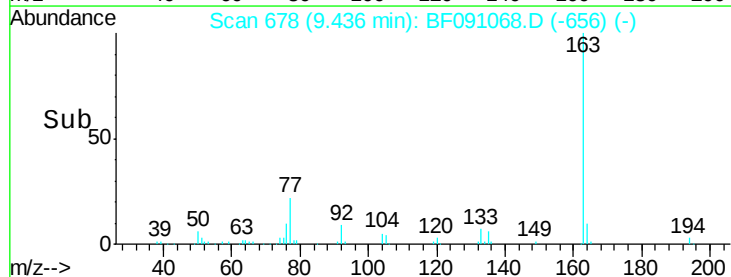
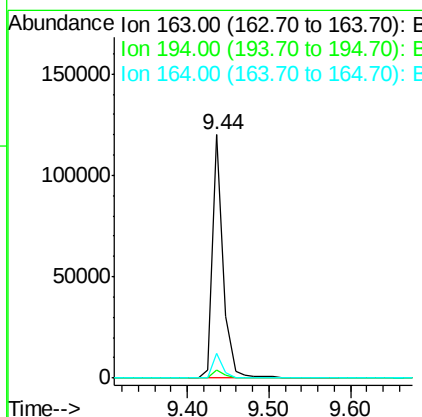
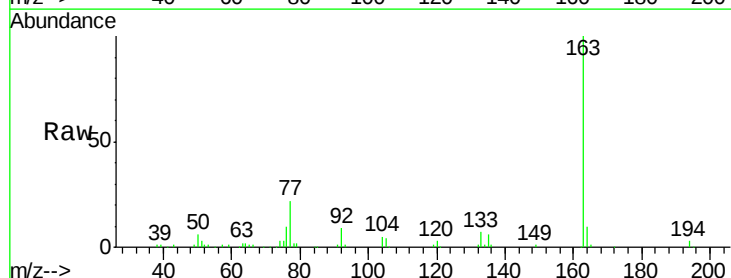
Instrument :
BNA_F
ClientSampleId :
BRITTON-PHILLY-PA

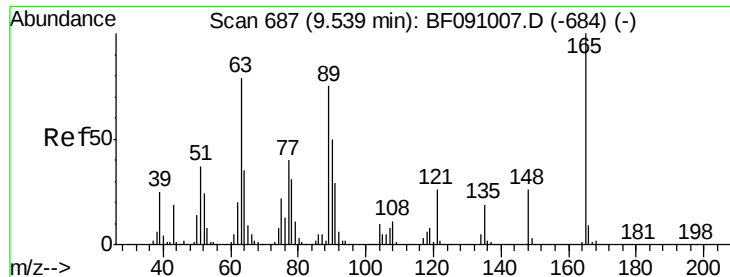
Tgt Ion:172 Resp: 1423319
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 24.2 20.3 30.5



#49
Dimethylphthalate
Concen: 4.98 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF091068.D
Acq: 7 Nov 2016 20:50

Tgt Ion:163 Resp: 112041
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.1 8.7 13.1

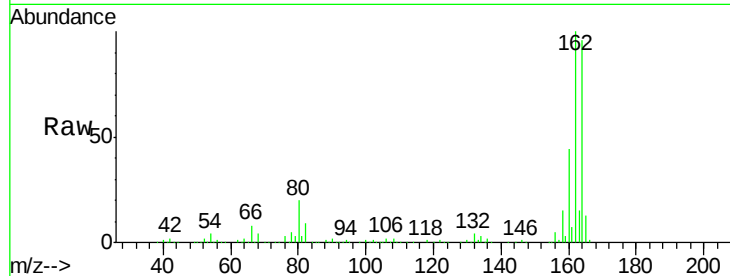




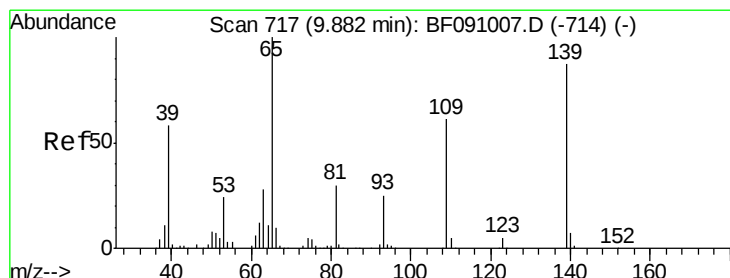
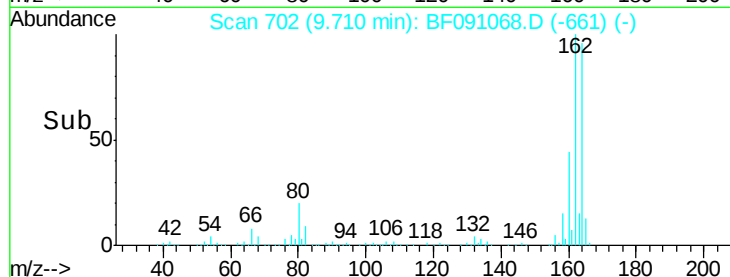
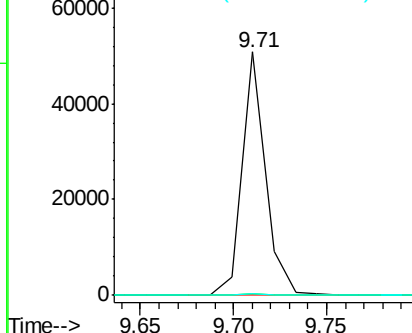
#50
 2,6-Dinitrotoluene
 Concen: 9.22 ng
 RT: 9.71 min Scan# 702
 Delta R.T. 0.17 min
 Lab File: BF091068.D
 Acq: 7 Nov 2016 20:50

Instrument :
 BNA_F
 ClientSampleId :
 BRITTON-PHILLY-PA

Tgt Ion:165 Resp: 44397
 Ion Ratio Lower Upper
 165 100
 63 0.9 65.6 98.4#
 89 0.9 59.8 89.6#

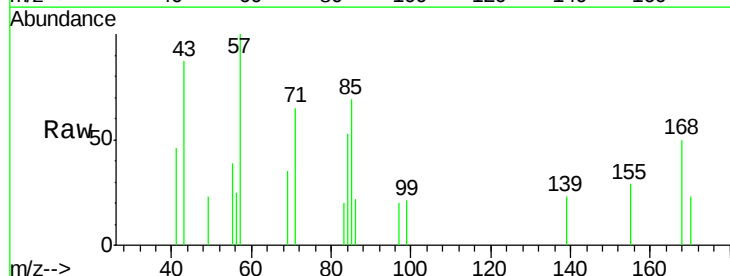


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

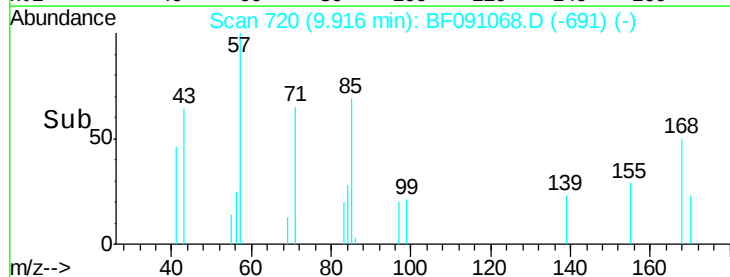
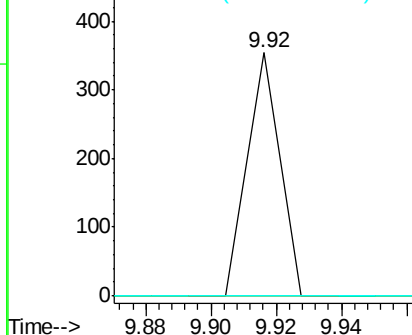


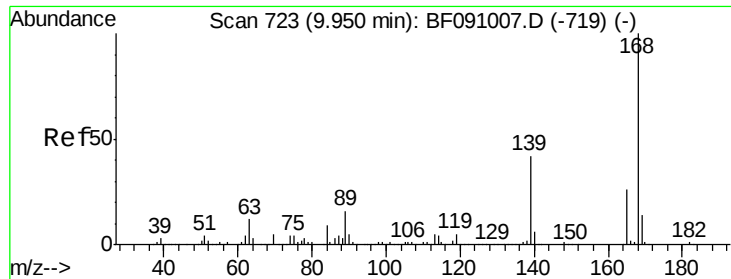
#55
 4-Nitrophenol
 Concen: 5.79 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.04 min
 Lab File: BF091068.D
 Acq: 7 Nov 2016 20:50

Tgt Ion:139 Resp: 243
 Ion Ratio Lower Upper
 139 100
 109 0.0 50.5 90.5#
 65 0.0 97.1 137.1#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

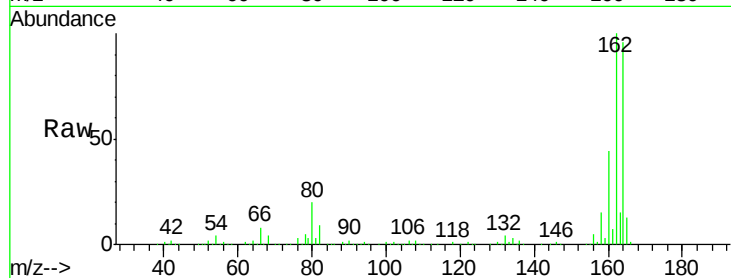




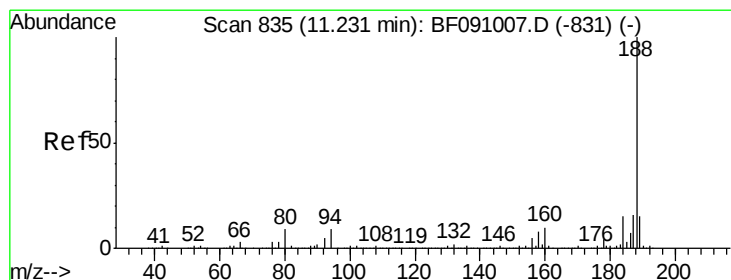
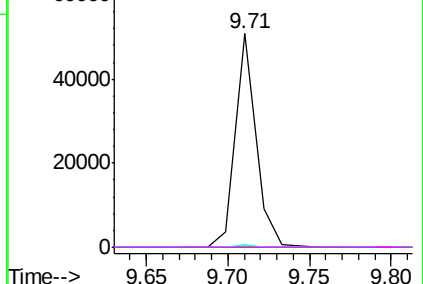
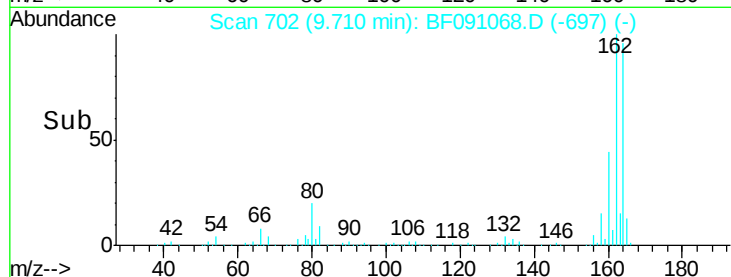
#56
 2,4-Dinitrotoluene
 Concen: 7.24 ng
 RT: 9.71 min Scan# 702
 Delta R.T. -0.24 min
 Lab File: BF091068.D
 Acq: 7 Nov 2016 20:50

Instrument :
 BNA_F
 ClientSampleId :
 BRITTON-PHILLY-PA

Tgt Ion:165 Resp: 44390
 Ion Ratio Lower Upper
 165 100
 63 0.9 38.7 58.1#
 89 0.9 50.6 76.0#
 182 0.0 1.8 2.8#

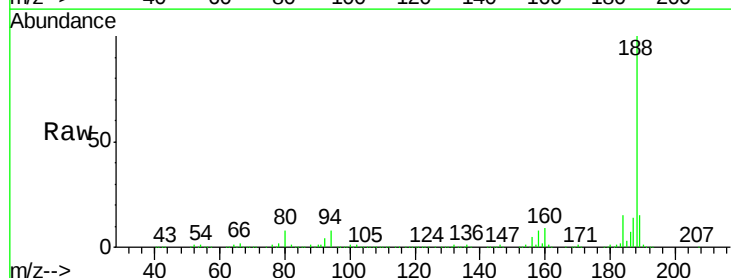


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

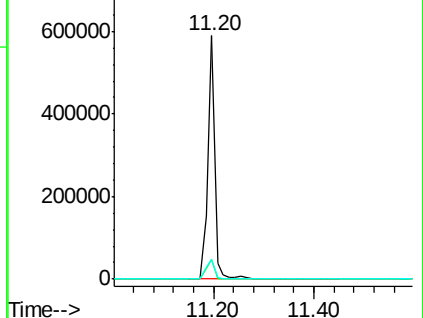
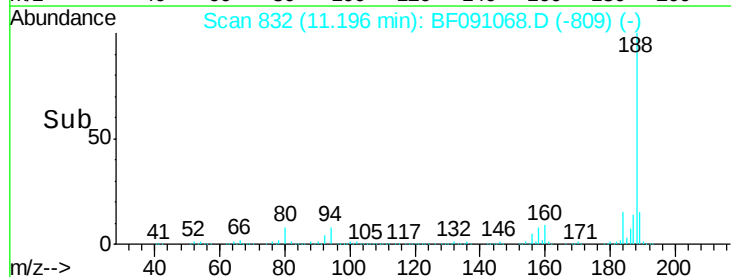


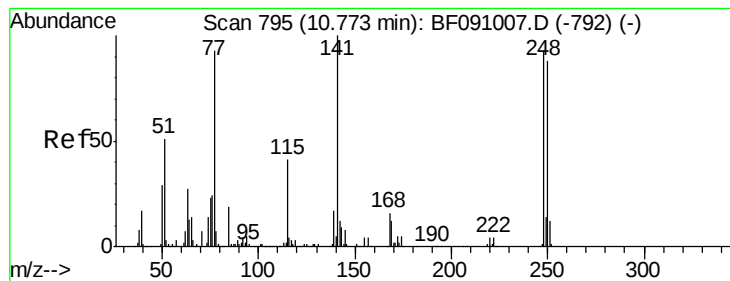
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 832
 Delta R.T. -0.03 min
 Lab File: BF091068.D
 Acq: 7 Nov 2016 20:50

Tgt Ion:188 Resp: 566315
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.0 10.4
 80 8.2 7.5 11.3



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





#66

4-Bromophenyl-phenylether

Concen: 2.13 ng

RT: 10.50 min Scan# 771

Delta R.T. -0.27 min

Lab File: BF091068.D

Acq: 7 Nov 2016 20:50

Instrument :

BNA_F

ClientSampleId :

BRITTON-PHILLY-PA

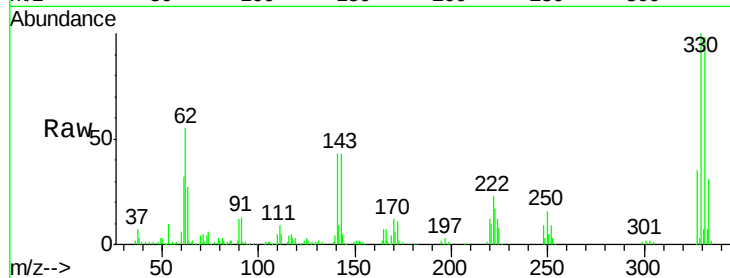
Tgt Ion:248 Resp: 12543

Ion Ratio Lower Upper

248 100

250 190.5 76.3 114.5#

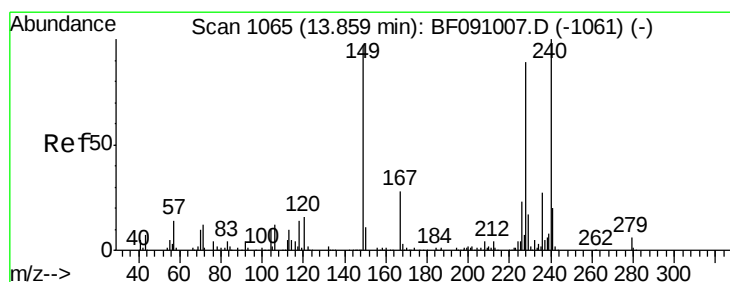
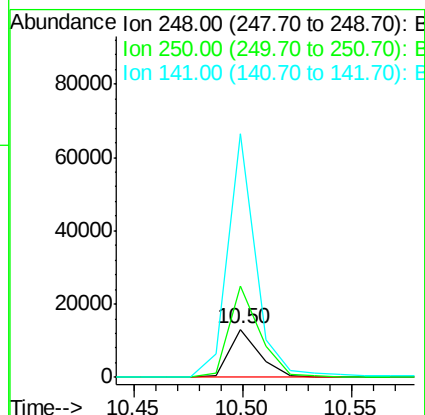
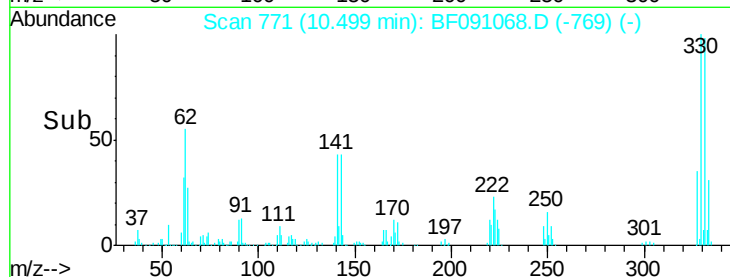
141 505.6 86.8 130.2#



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: 13.82 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF091068.D

Acq: 7 Nov 2016 20:50

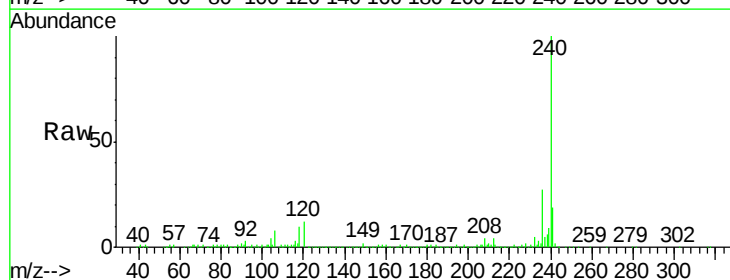
Tgt Ion:240 Resp: 433822

Ion Ratio Lower Upper

240 100

120 11.8 12.9 19.3#

236 26.7 21.9 32.9



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

