

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091715\
 Data File : BG018717.D
 Acq On : 16 Sep 2015 22:12
 Operator : TP
 Sample : G3651-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS043032

Quant Time: Sep 17 05:07:21 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 10:44:16 2015
 Response via : Initial Calibration

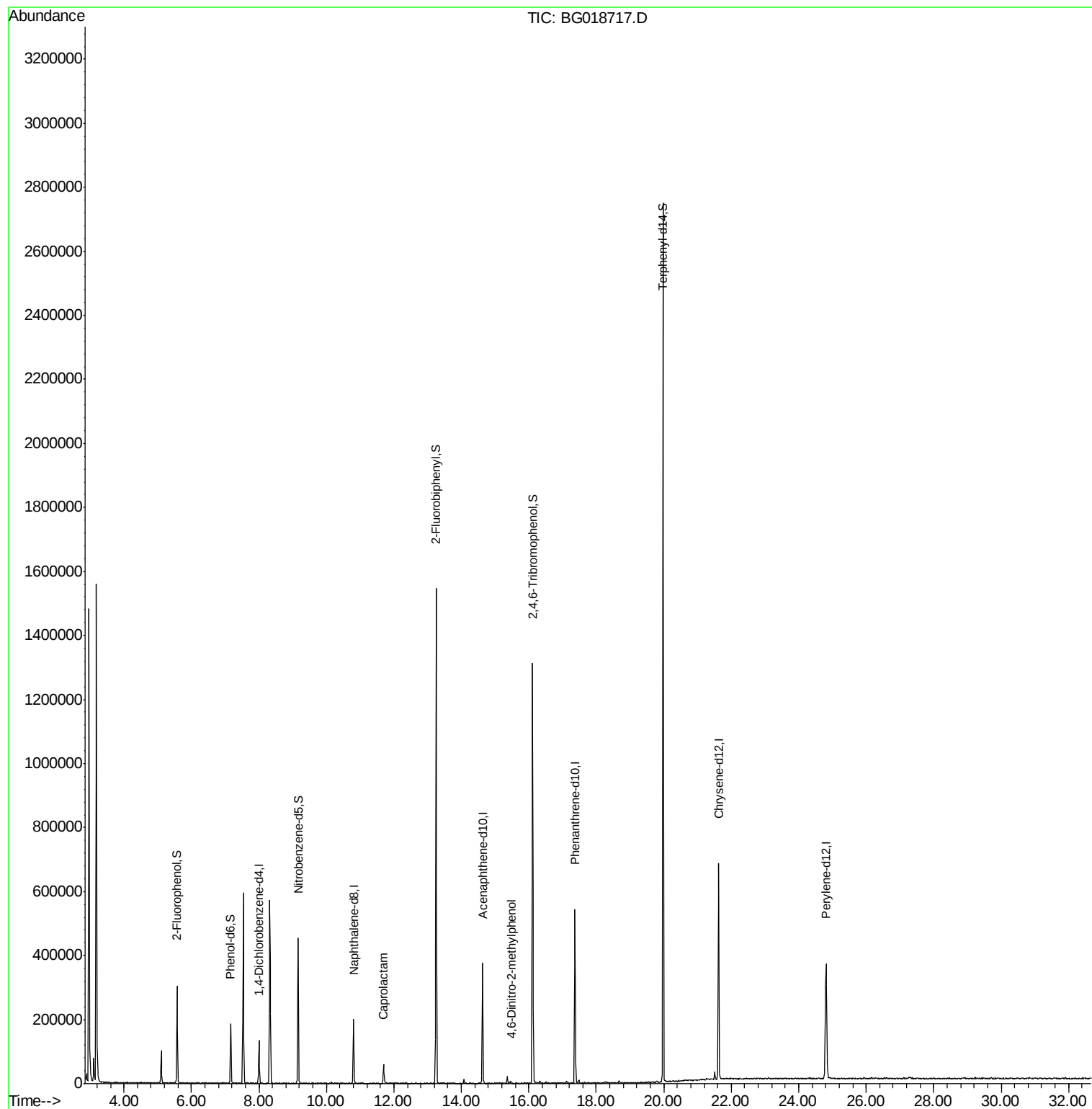
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	41717	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	176329	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	129524	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	356029	20.00	ng	0.00
75) Chrysene-d12	21.62	240	396702	20.00	ng	0.00
86) Perylene-d12	24.81	264	389543	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	149024	61.71	ng	0.00
7) Phenol-d6	7.16	99	127411	36.80	ng	0.00
23) Nitrobenzene-d5	9.16	82	293885	93.26	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	255602	146.56	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	830548	89.01	ng	0.00
78) Terphenyl-d14	19.98	244	1169882	77.44	ng	0.00
Target Compounds						
35) Caprolactam	11.69	113	13831	11.23	ng	Qvalue 87
64) 4,6-Dinitro-2-methylphenol	15.48	198	70	5.44	ng	# 37

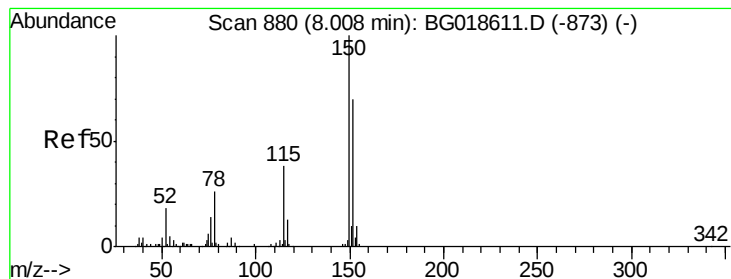
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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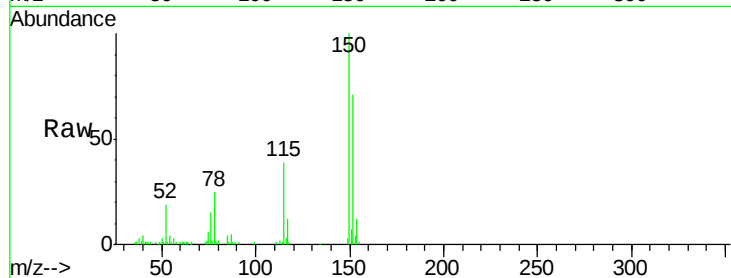




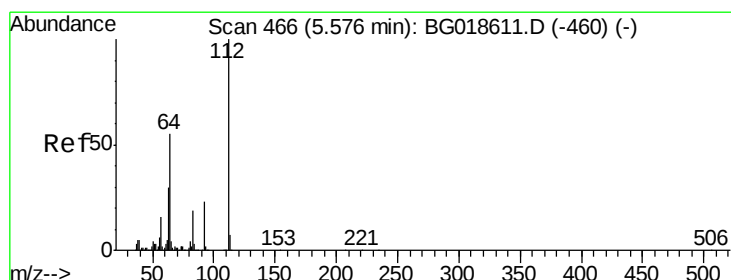
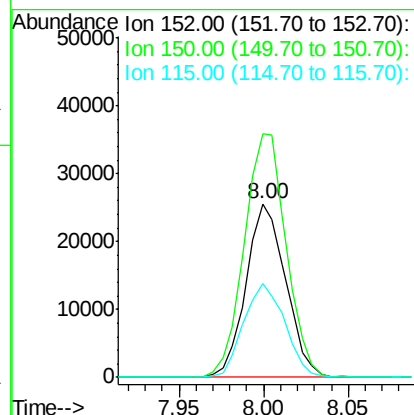
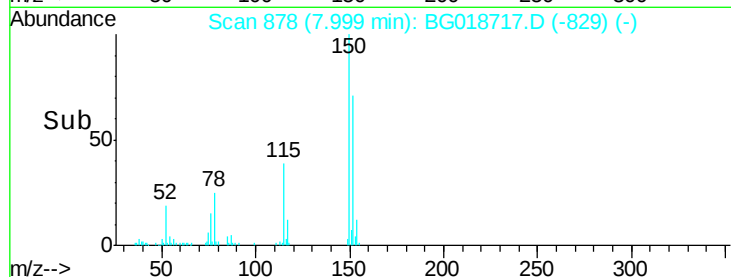
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.00 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG018717.D
 Acq: 16 Sep 2015 22:12

Instrument :
 BNA_G
 ClientSampleId :
 CPS043032

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.3	115.0	172.4
115	54.1	43.9	65.9

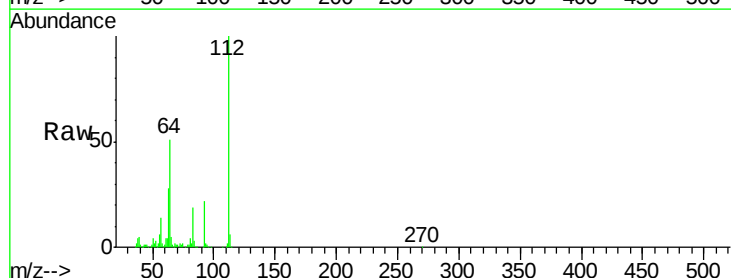


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

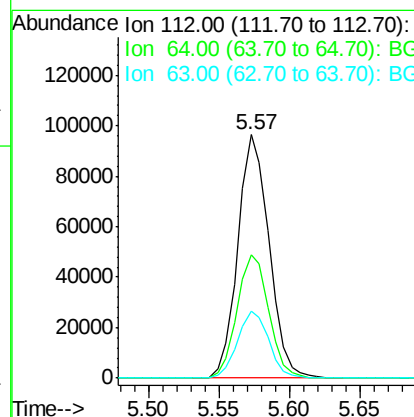
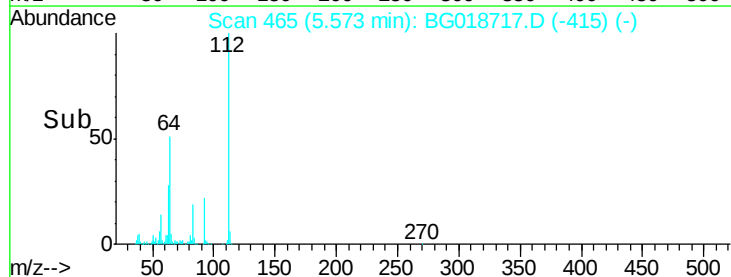


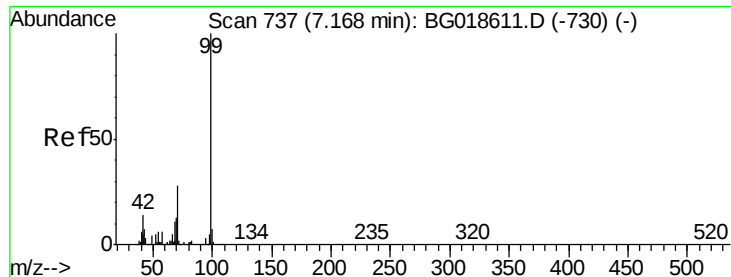
#5
 2-Fluorophenol
 Concen: 61.71 ng
 RT: 5.57 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BG018717.D
 Acq: 16 Sep 2015 22:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.6	43.7	65.5
63	27.6	24.0	36.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 36.80 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018717.D

Acq: 16 Sep 2015 22:12

Instrument :

BNA_G

ClientSampleId :

CPS043032

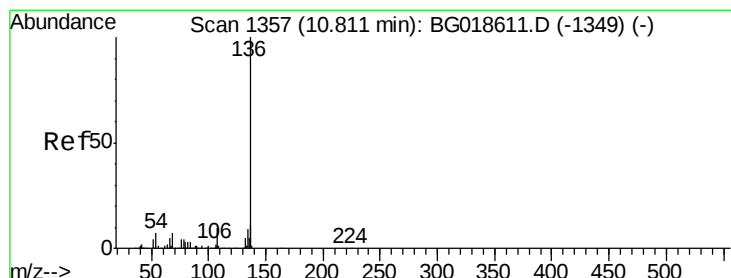
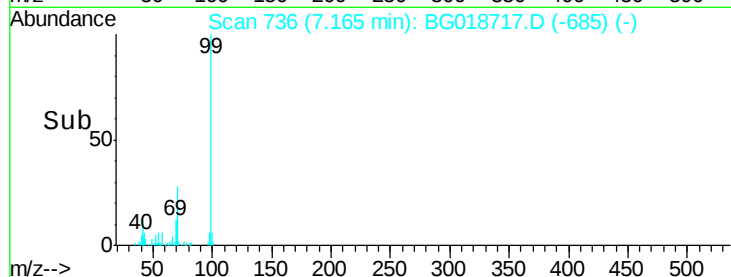
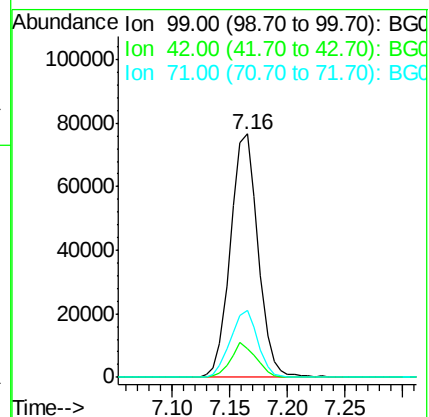
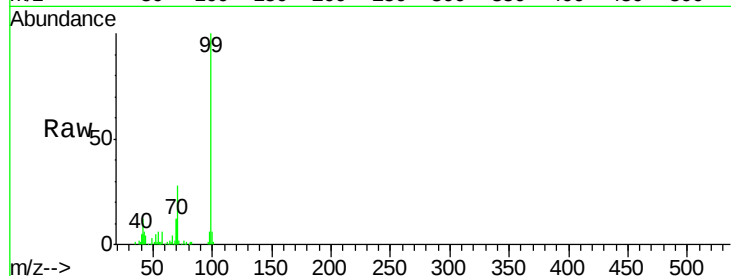
Tot Ion: 99 Resp: 127411

Ion Ratio Lower Upper

99 100

42 11.7 11.5 17.3

71 27.7 22.6 34.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.80 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BG018717.D

Acq: 16 Sep 2015 22:12

Tgt Ion: 136 Resp: 176329

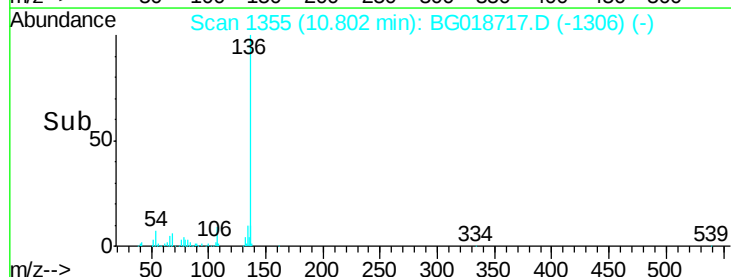
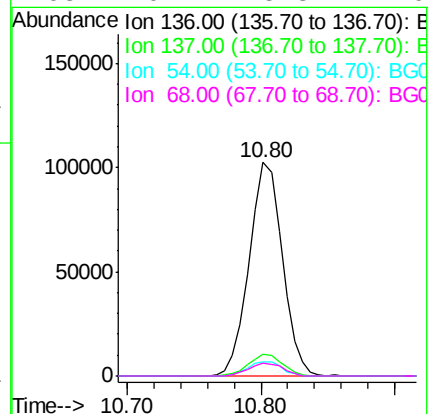
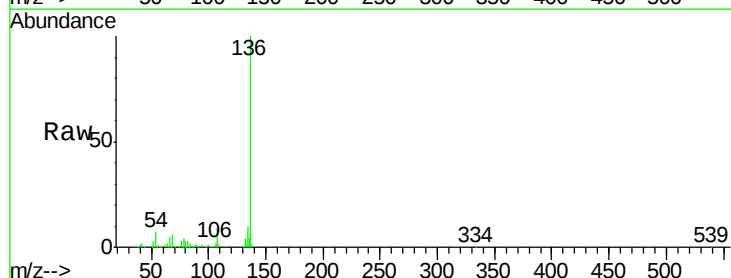
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 6.8 5.4 8.2

68 6.2 5.3 7.9

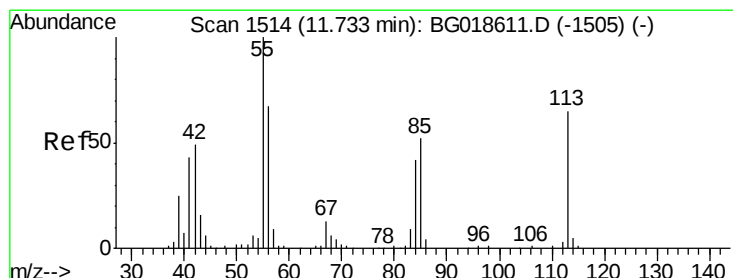
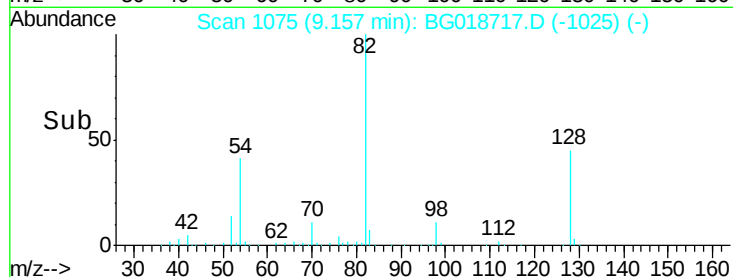
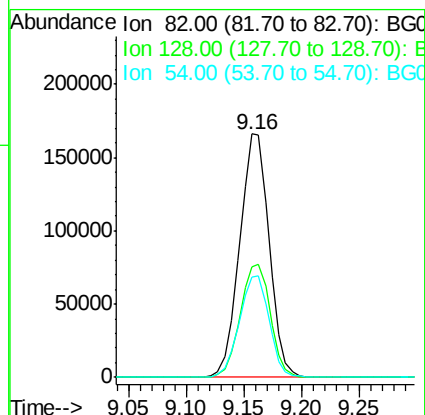
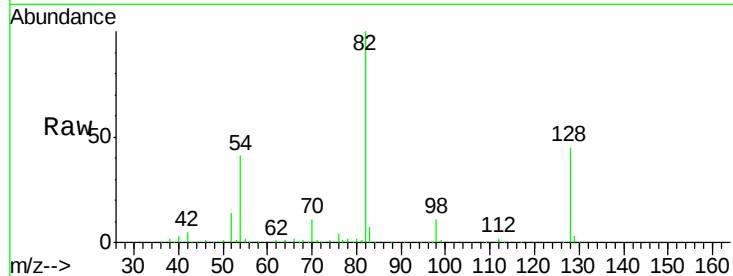




#23
Nitrobenzene-d5
Concen: 93.26 ng
RT: 9.16 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BG018717.D
Acq: 16 Sep 2015 22:12

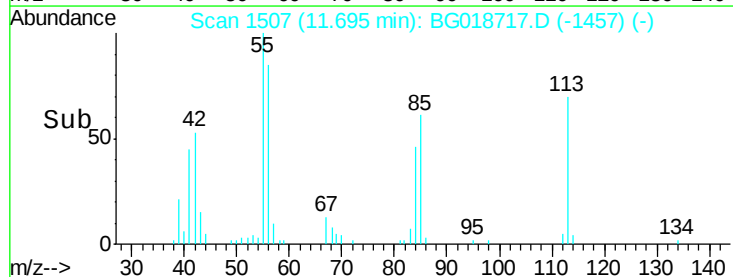
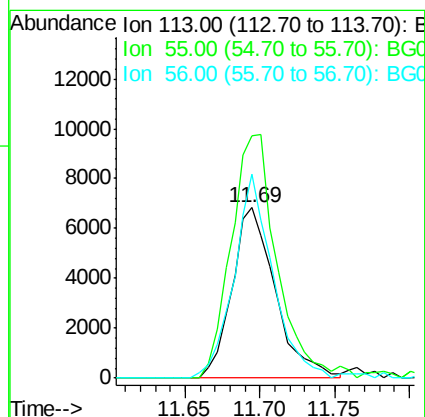
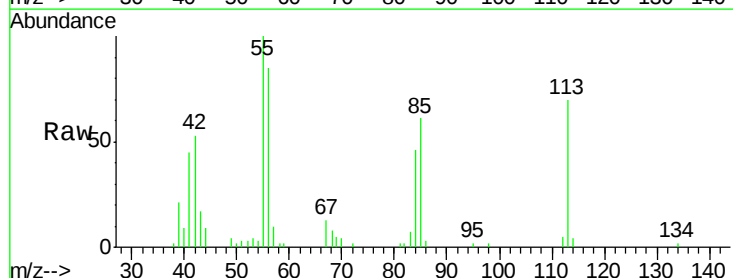
Instrument :
BNA_G
ClientSampleId :
CPS043032

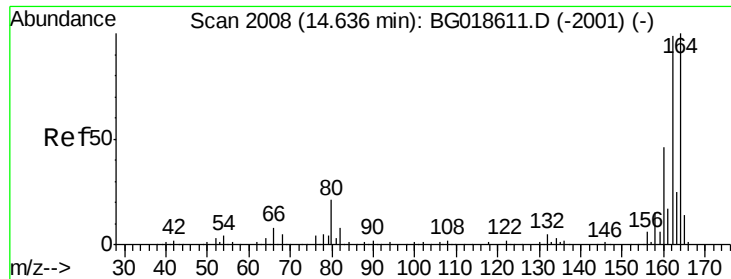
Tot Ion: 82 Resp: 293885
Ion Ratio Lower Upper
82 100
128 45.3 36.7 55.1
54 41.0 33.8 50.8



#35
Caprolactam
Concen: 11.23 ng
RT: 11.69 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BG018717.D
Acq: 16 Sep 2015 22:12

Tgt Ion: 113 Resp: 13831
Ion Ratio Lower Upper
113 100
55 142.0 135.0 175.0
56 120.1 83.4 123.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG018717.D

Acq: 16 Sep 2015 22:12

Instrument :

BNA_G

ClientSampleId :

CPS043032

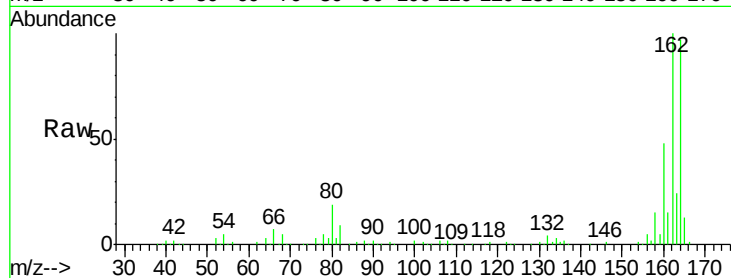
Tot Ion:164 Resp: 129524

Ion Ratio Lower Upper

164 100

162 102.6 78.8 118.2

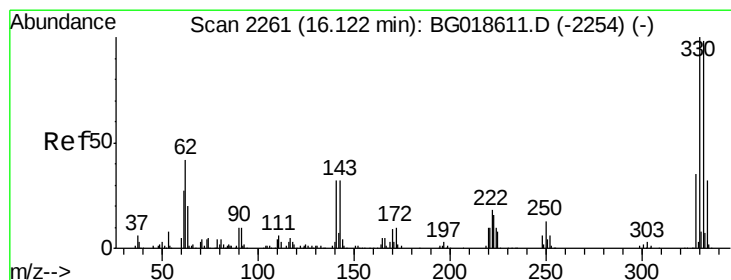
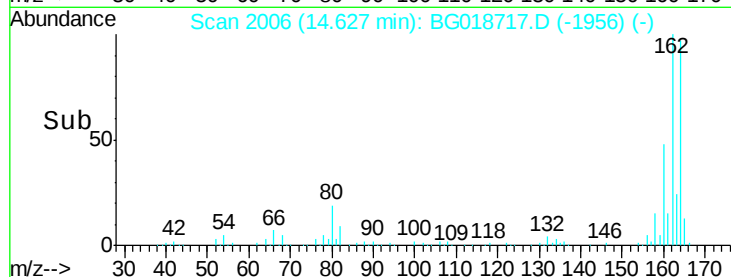
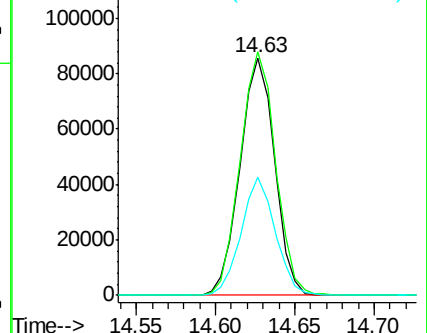
160 49.6 36.4 54.6



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: 146.56 ng

RT: 16.11 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BG018717.D

Acq: 16 Sep 2015 22:12

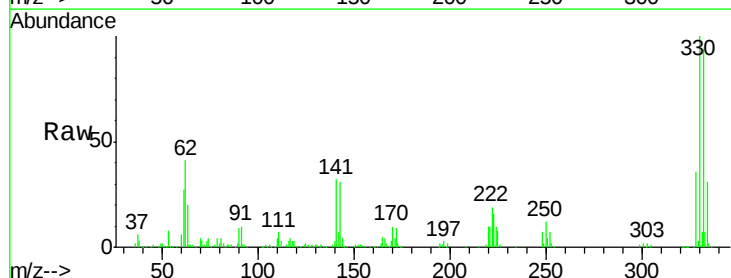
Tgt Ion:330 Resp: 255602

Ion Ratio Lower Upper

330 100

332 95.9 78.1 117.1

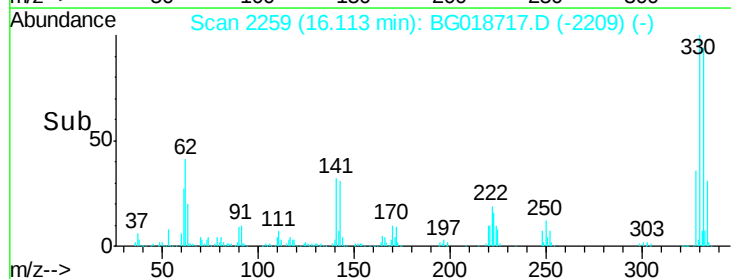
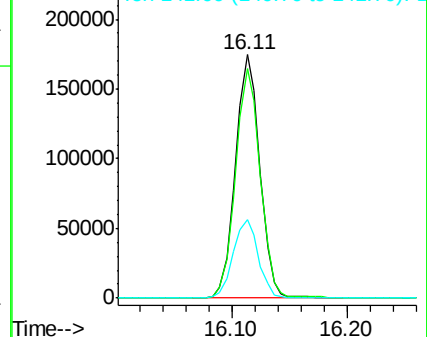
141 33.2 28.2 42.2



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

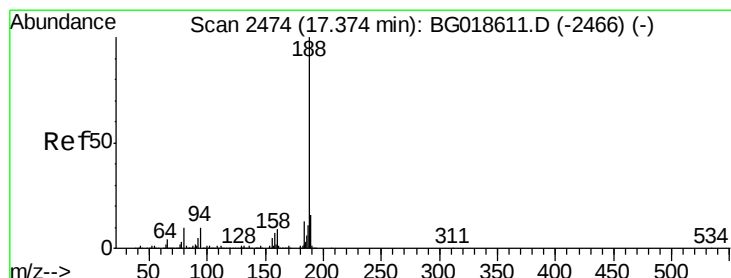
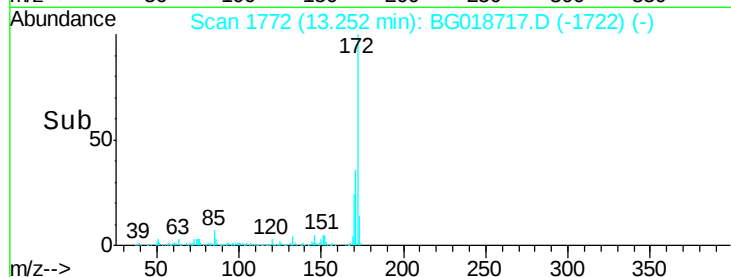
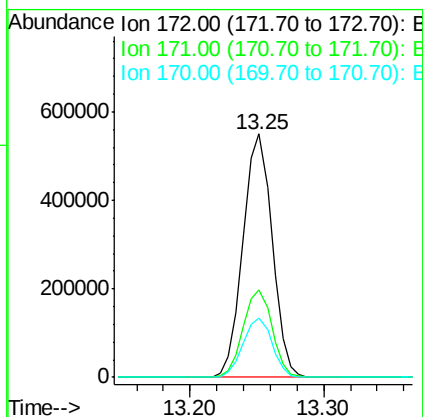
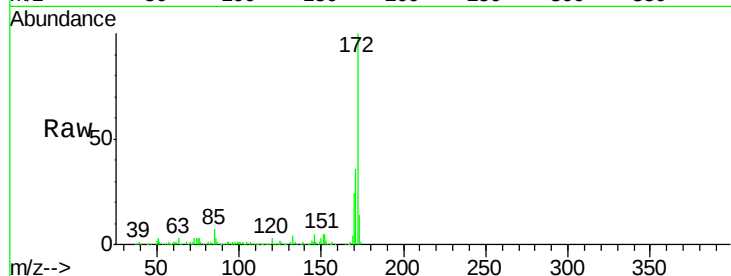




#44
2-Fluorobiphenyl
Concen: 89.01 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG018717.D
Acq: 16 Sep 2015 22:12

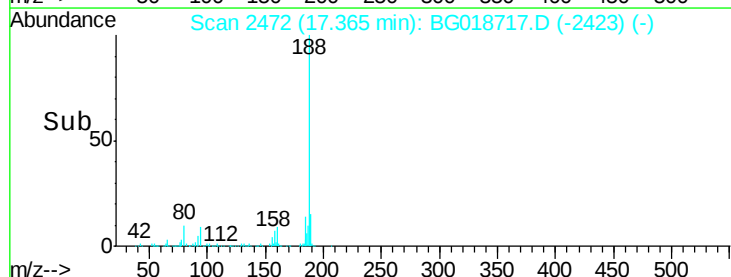
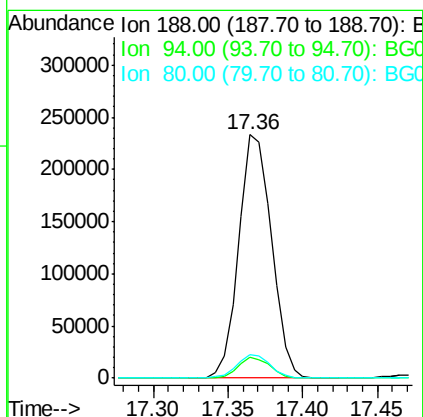
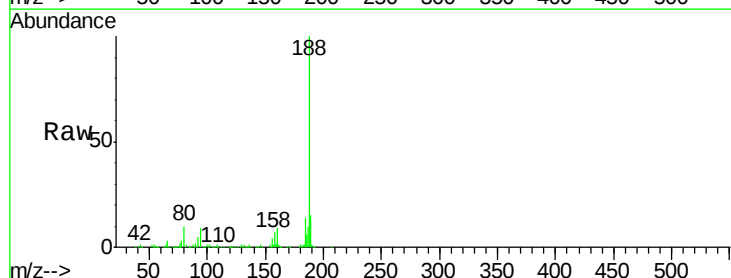
Instrument :
BNA_G
ClientSampleId :
CPS043032

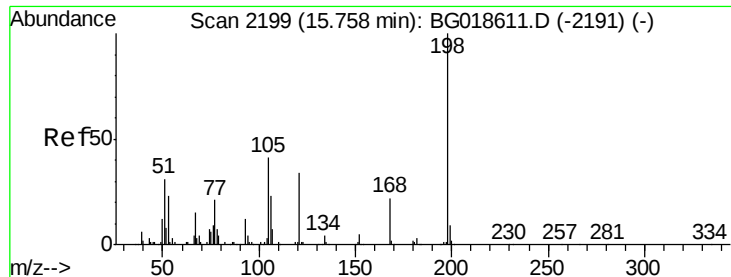
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.5	19.9	29.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.36 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BG018717.D
Acq: 16 Sep 2015 22:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.7	11.5
80	9.5	7.8	11.8

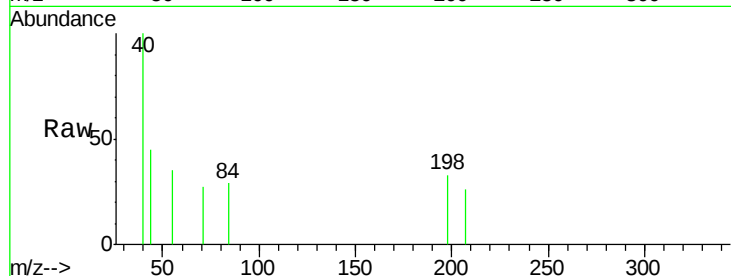




#64
4,6-Dinitro-2-methylphenol
Concen: 5.44 ng
RT: 15.48 min Scan# 2152
Delta R.T. -0.27 min
Lab File: BG018717.D
Acq: 16 Sep 2015 22:12

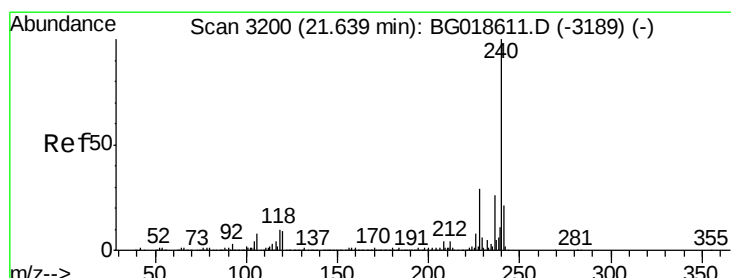
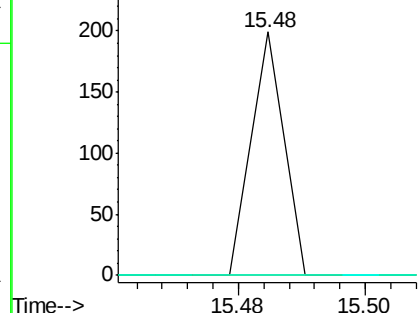
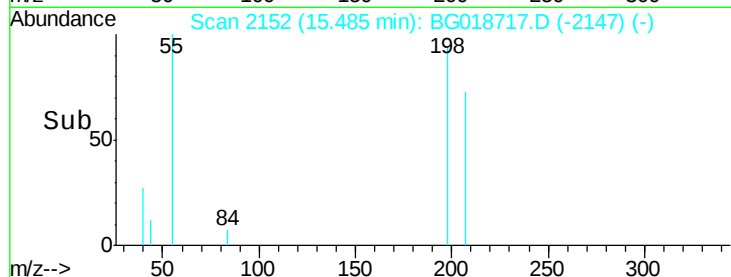
Instrument :
BNA_G
ClientSampleId :
CPS043032

Tot Ion:198 Resp: 70
Ion Ratio Lower Upper
198 100
51 0.0 14.2 54.2#
105 0.0 21.1 61.1#



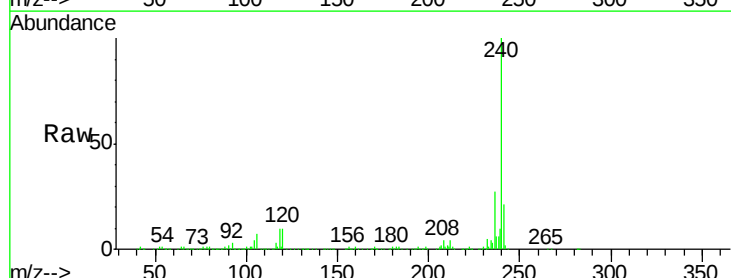
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

15.48



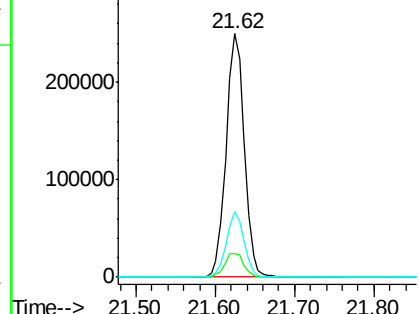
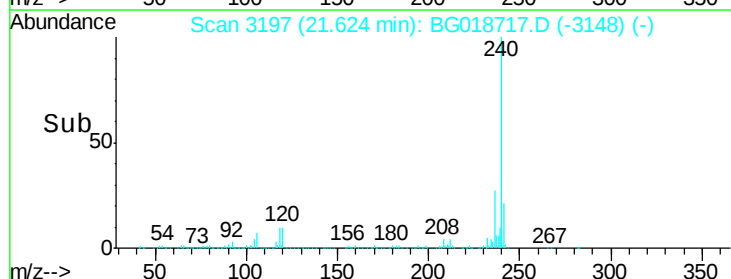
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BG018717.D
Acq: 16 Sep 2015 22:12

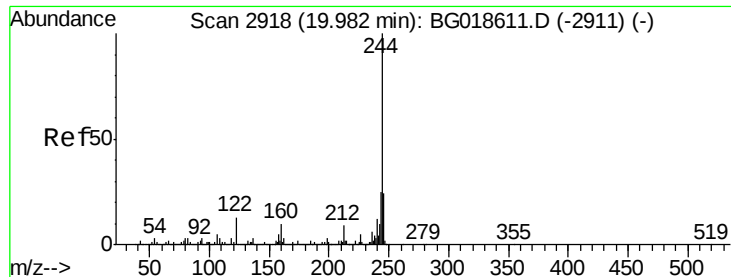
Tgt Ion:240 Resp: 396702
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 26.8 20.7 31.1



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

21.62





#78

Terphenyl-d14

Concen: 77.44 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG018717.D

Acq: 16 Sep 2015 22:12

Instrument :

BNA_G

ClientSampleId :

CPS043032

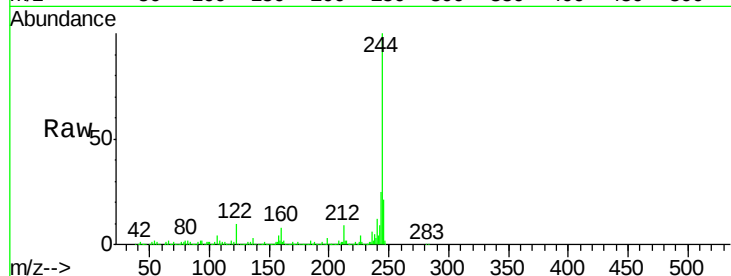
Tot Ion:244 Resp: 1169882

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

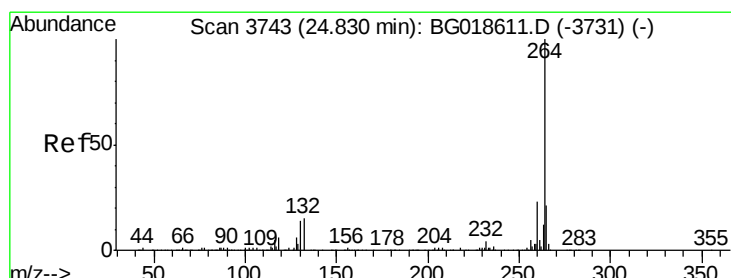
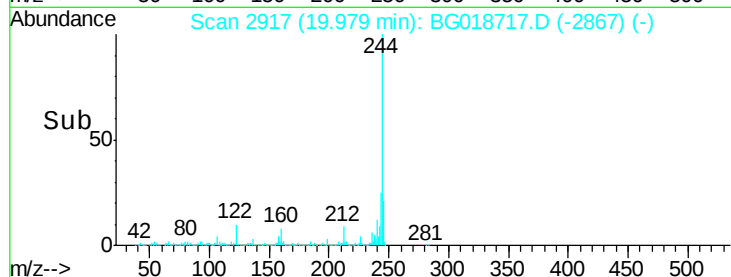
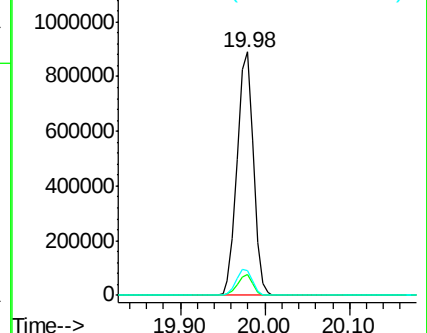
122 10.3 10.2 15.2



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: 24.81 min Scan# 3739

Delta R.T. -0.02 min

Lab File: BG018717.D

Acq: 16 Sep 2015 22:12

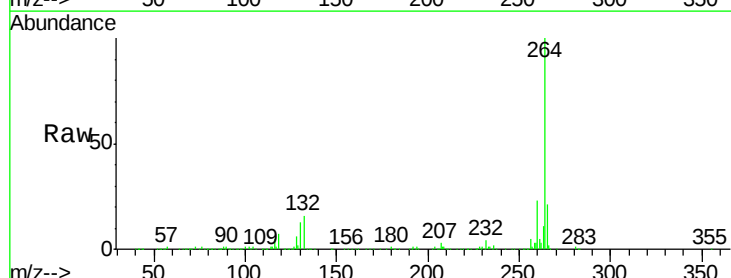
Tgt Ion:264 Resp: 389543

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.2 17.2 25.8



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

