

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091915\
 Data File : BG018772.D
 Acq On : 18 Sep 2015 17:11
 Operator : TP
 Sample : PB85606BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 23:57:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 23:51:57 2015
 Response via : Initial Calibration

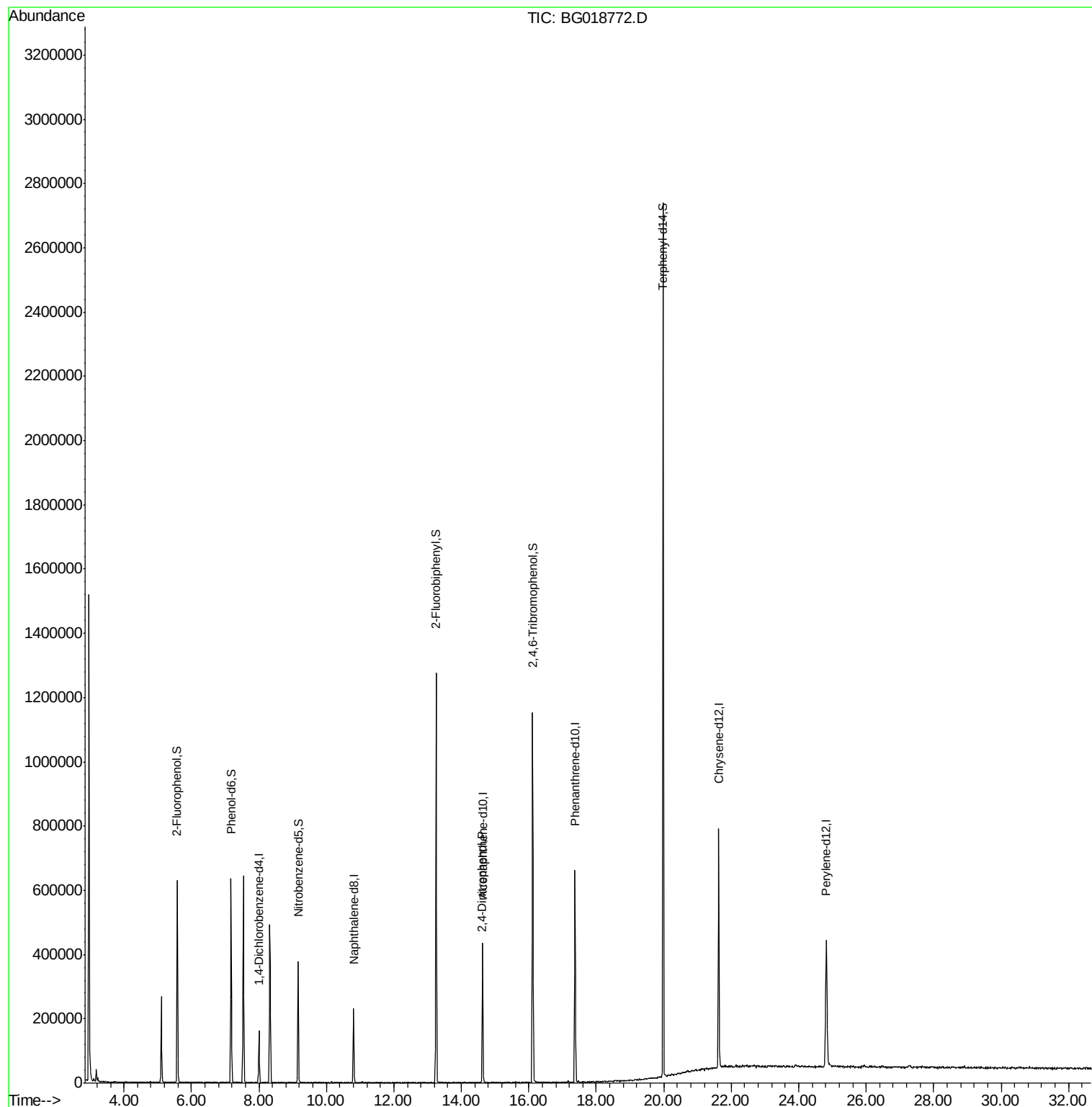
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	51080	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	207881	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	149246	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	418835	20.00	ng	0.00
75) Chrysene-d12	21.63	240	447245	20.00	ng	0.00
86) Perylene-d12	24.82	264	450211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	313294	105.95	ng	0.00
7) Phenol-d6	7.18	99	439014	103.55	ng	0.00
23) Nitrobenzene-d5	9.16	82	240385	64.71	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	235739	117.31	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	681510	63.39	ng	0.00
78) Terphenyl-d14	19.98	244	1177704	69.15	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	14.62	184	74	7.69	ng	Qvalue # 24

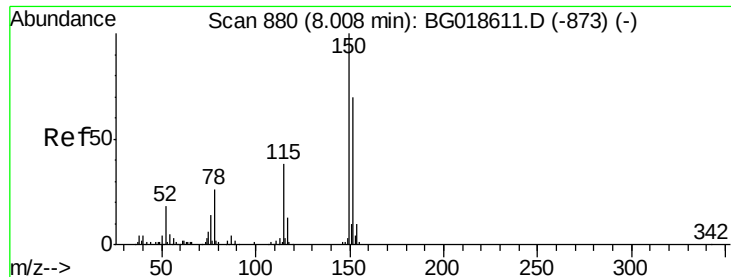
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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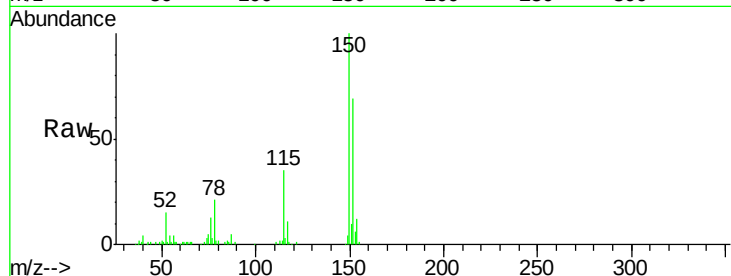


#1

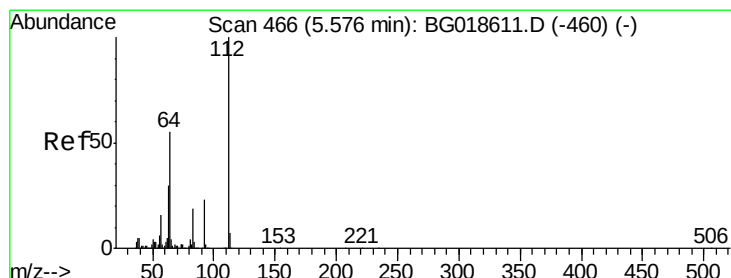
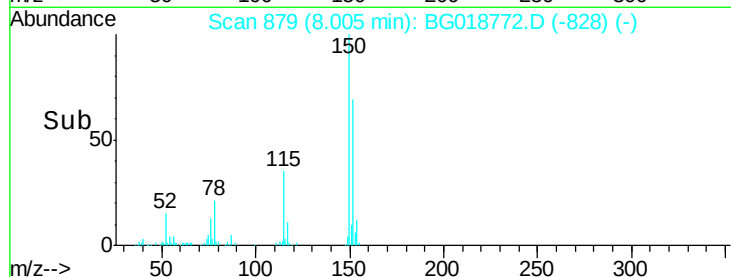
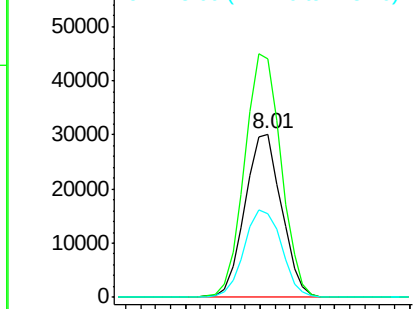
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG018772.D
Acq: 18 Sep 2015 17:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	115.0	172.4
115	51.2	43.9	65.9



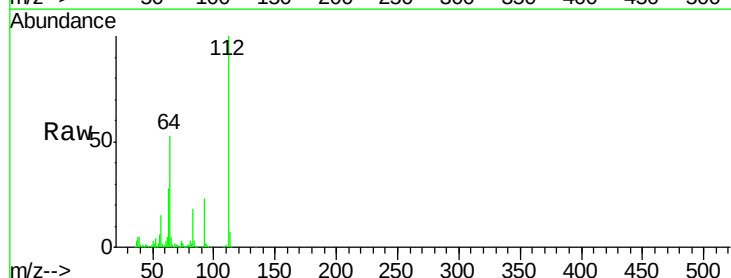
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



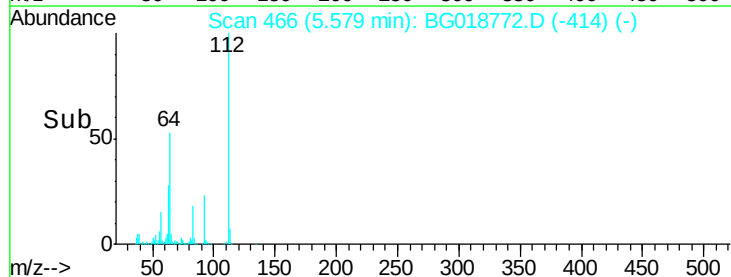
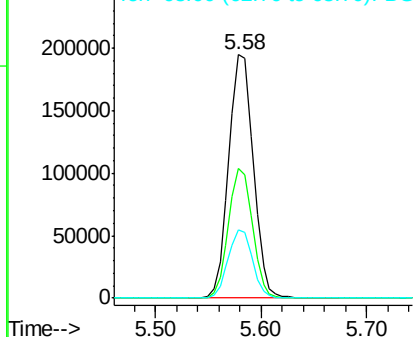
#5

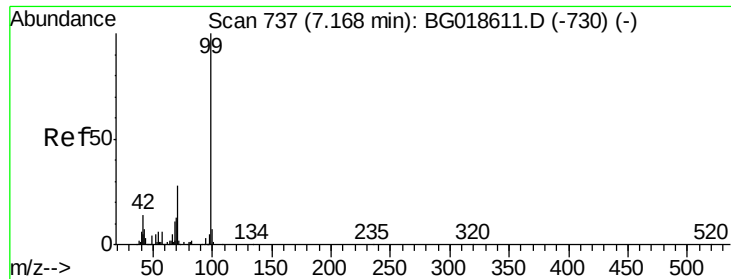
2-Fluorophenol
Concen: 105.95 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.01 min
Lab File: BG018772.D
Acq: 18 Sep 2015 17:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	43.7	65.5
63	28.2	24.0	36.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG018611.D (-460) (-)
Ion 63.00 (62.70 to 63.70): BG018611.D (-460) (-)





#7

Phenol-d6

Concen: 103.55 ng

RT: 7.18 min Scan# 738

Delta R.T. 0.01 min

Lab File: BG018772.D

Acq: 18 Sep 2015 17:11

Instrument :

BNA_G

ClientSampleId :

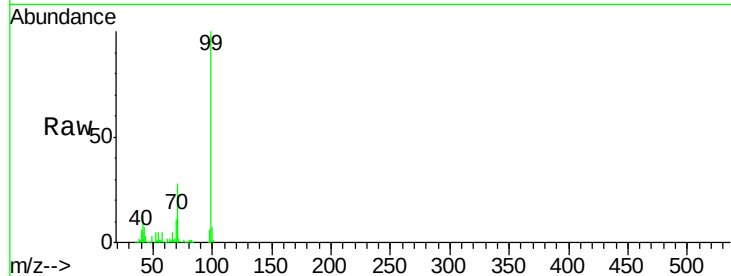
Tot Ion: 99 Resp: 439014

Ion Ratio Lower Upper

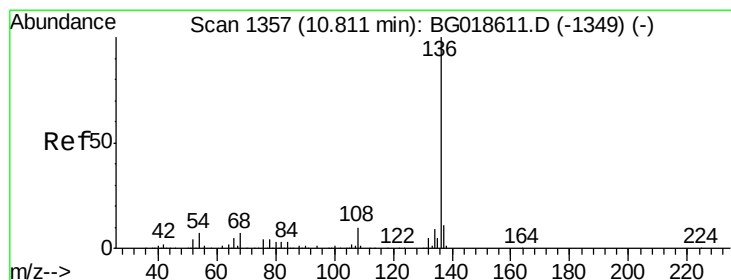
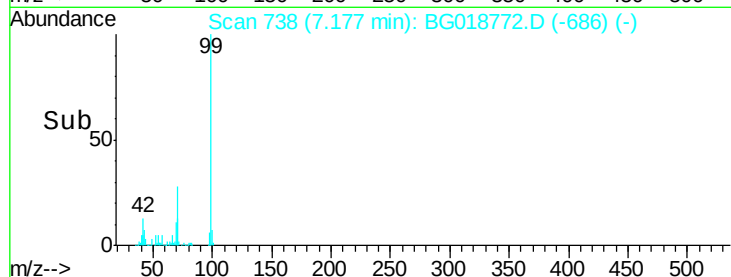
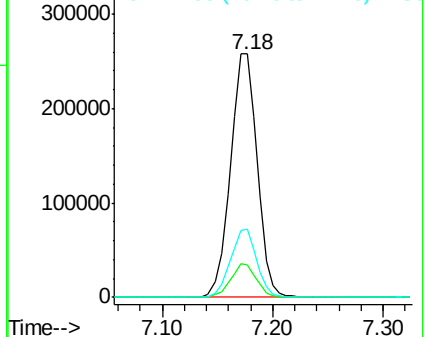
99 100

42 13.4 11.5 17.3

71 28.0 22.6 34.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.80 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BG018772.D

Acq: 18 Sep 2015 17:11

Tgt Ion: 136 Resp: 207881

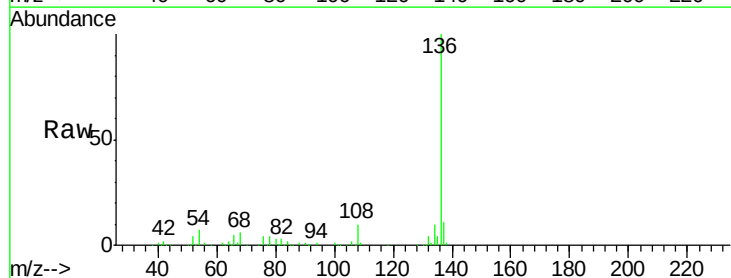
Ion Ratio Lower Upper

136 100

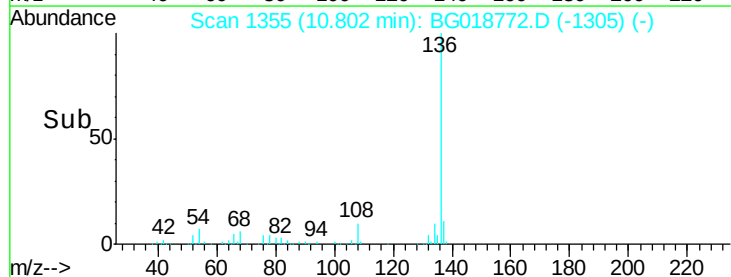
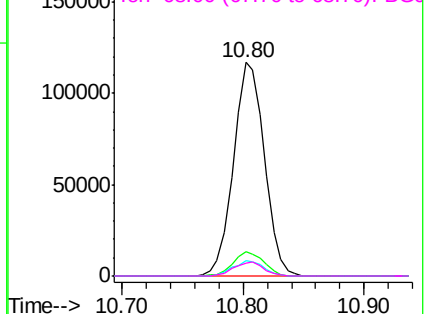
137 11.2 8.6 12.8

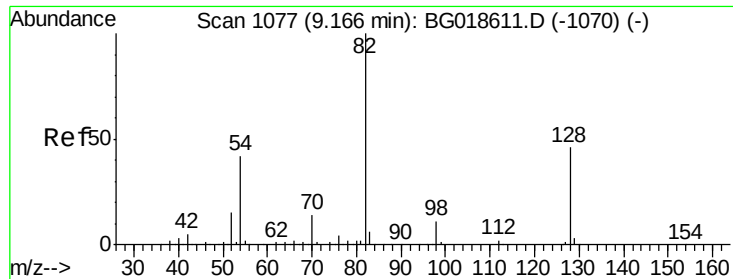
54 7.4 5.4 8.2

68 6.3 5.3 7.9



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

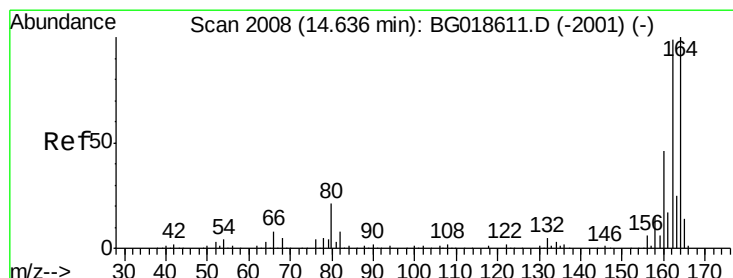
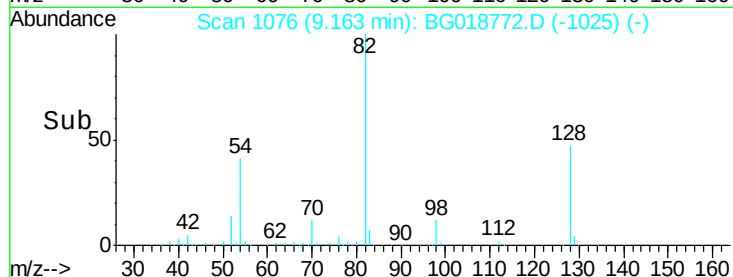
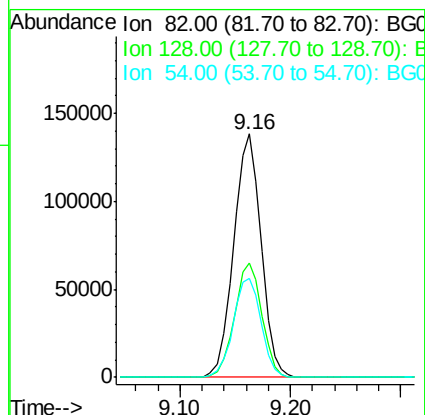
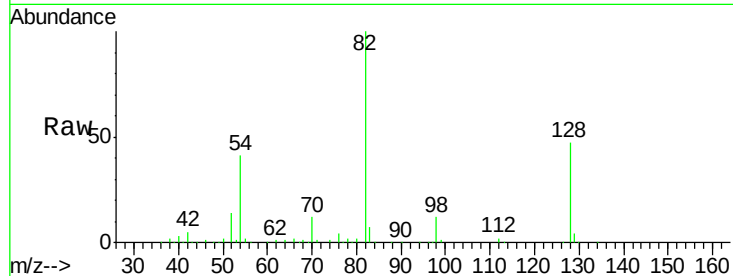




#23
 Nitrobenzene-d5
 Concen: 64.71 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BG018772.D
 Acq: 18 Sep 2015 17:11

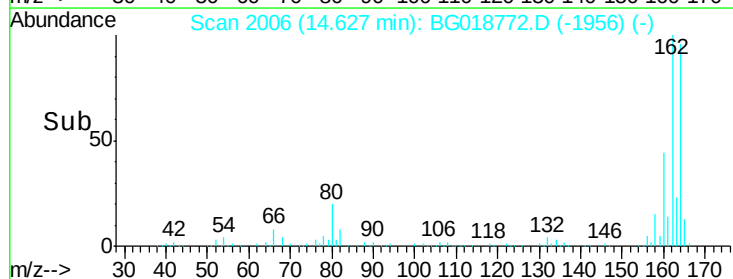
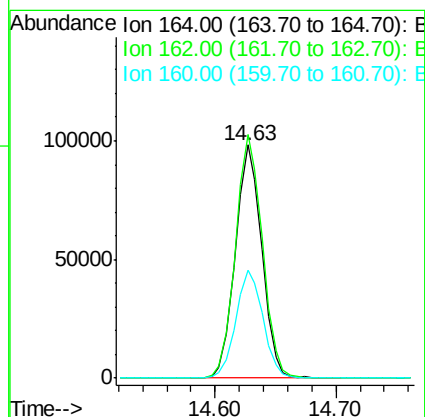
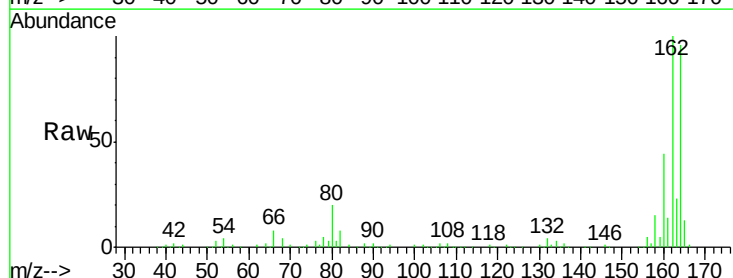
Instrument :
 BNA_G
 ClientSampleId :

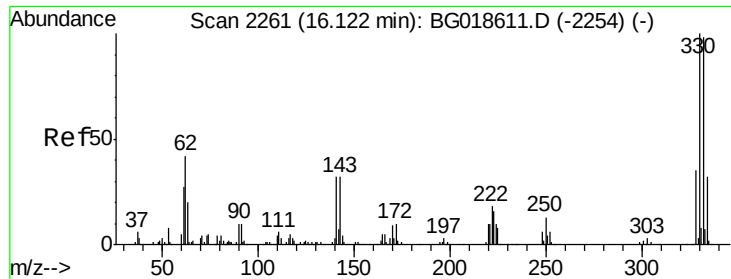
Tot Ion	82	Resp	240385
Ion Ratio	100	Lower	Upper
128	47.2	36.7	55.1
54	40.6	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG018772.D
 Acq: 18 Sep 2015 17:11

Tgt Ion	164	Resp	149246
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.5	78.8	118.2
160	46.5	36.4	54.6

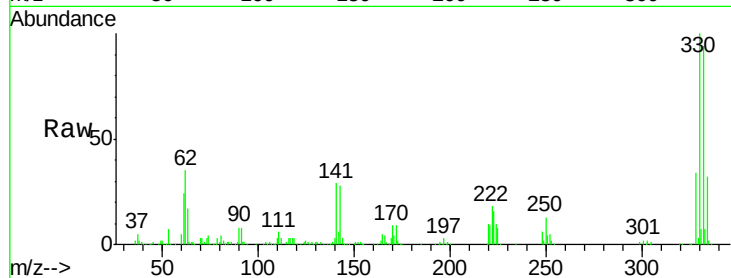




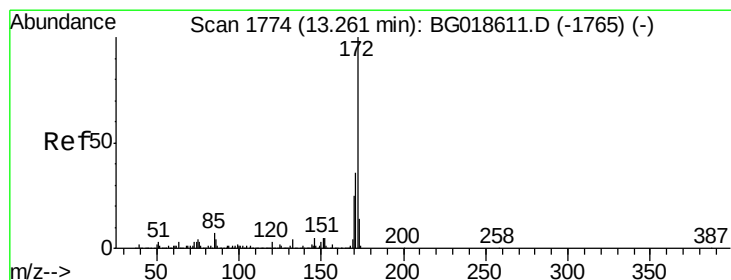
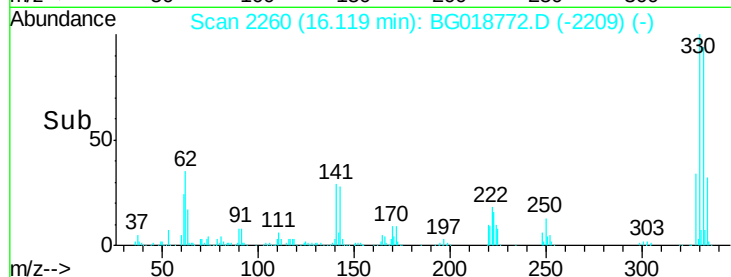
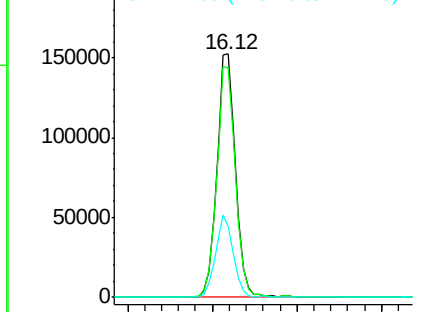
#41
 2,4,6-Tribromophenol
 Concen: 117.31 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BG018772.D
 Acq: 18 Sep 2015 17:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.1	117.1
141	32.3	28.2	42.2

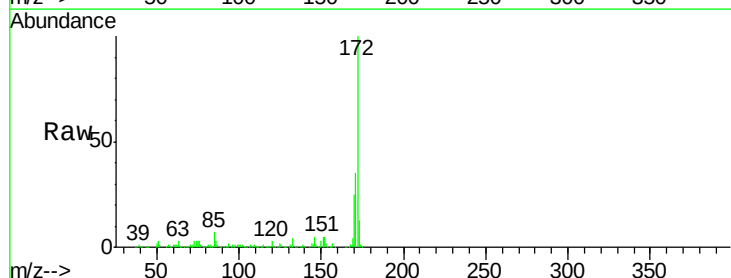


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

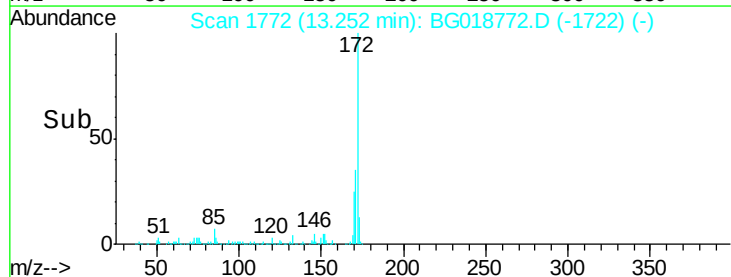
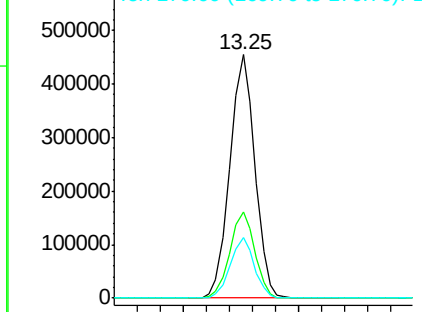


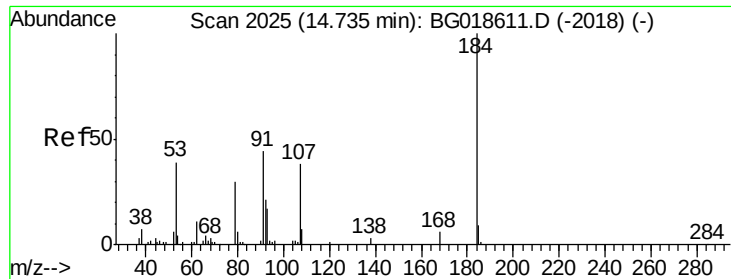
#44
 2-Fluorobiphenyl
 Concen: 63.39 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG018772.D
 Acq: 18 Sep 2015 17:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	24.8	19.9	29.9



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

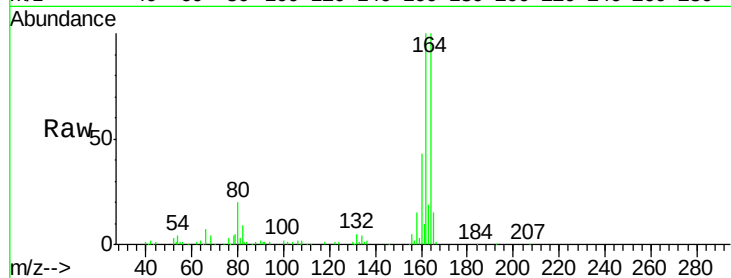




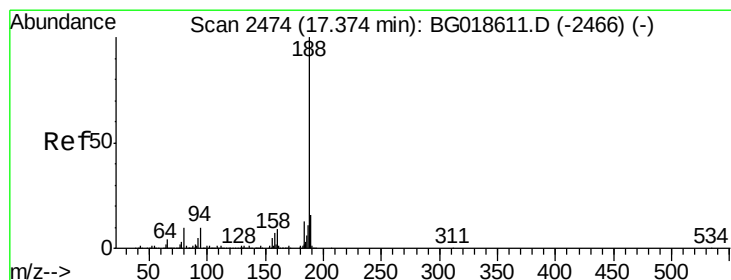
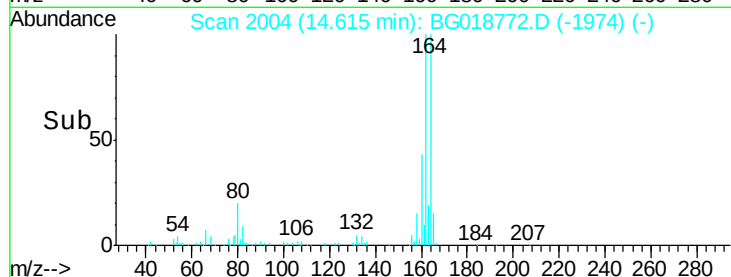
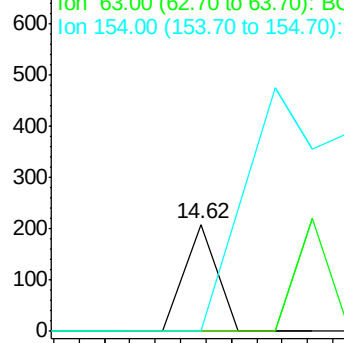
#53
 2,4-Dinitrophenol
 Concen: 7.69 ng
 RT: 14.62 min Scan# 2004
 Delta R.T. -0.12 min
 Lab File: BG018772.D
 Acq: 18 Sep 2015 17:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 74
 Ion Ratio Lower Upper
 184 100
 63 0.0 42.7 64.1#
 154 0.0 44.3 66.5#

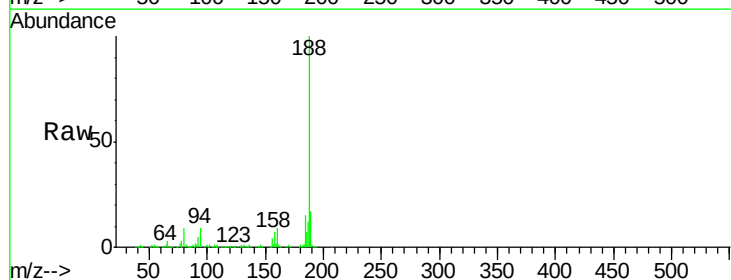


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

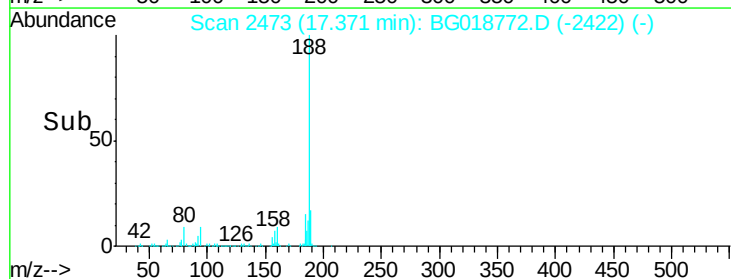
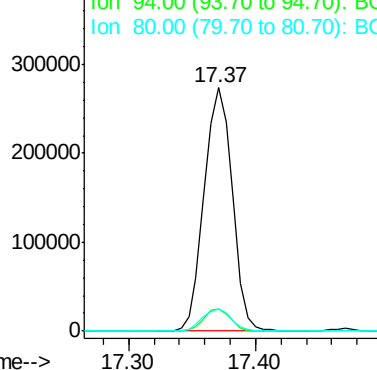


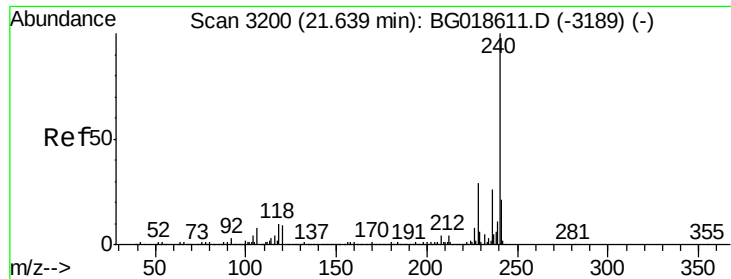
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2473
 Delta R.T. 0.00 min
 Lab File: BG018772.D
 Acq: 18 Sep 2015 17:11

Tgt Ion:188 Resp: 418835
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.7 11.5
 80 9.2 7.8 11.8



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BG018772.D

Acq: 18 Sep 2015 17:11

Instrument :

BNA_G

ClientSampleId :

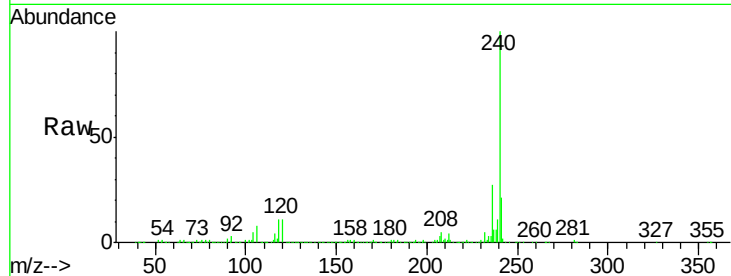
Tot Ion:240 Resp: 447245

Ion Ratio Lower Upper

240 100

120 10.8 7.4 11.0

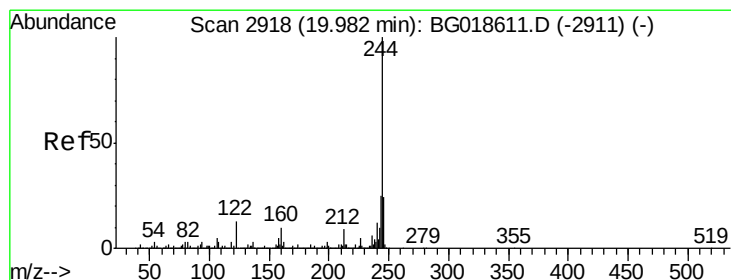
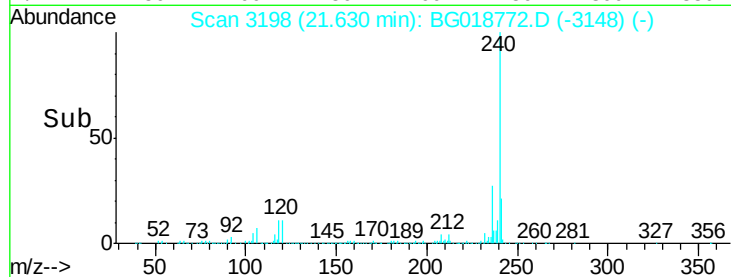
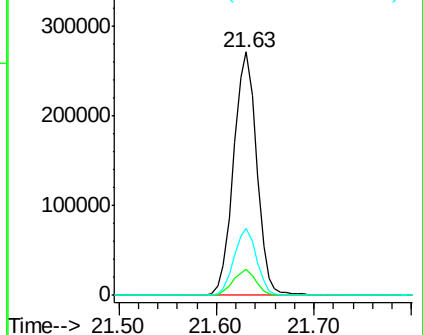
236 27.3 20.7 31.1



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



#78

Terphenyl-d14

Concen: 69.15 ng

RT: 19.98 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG018772.D

Acq: 18 Sep 2015 17:11

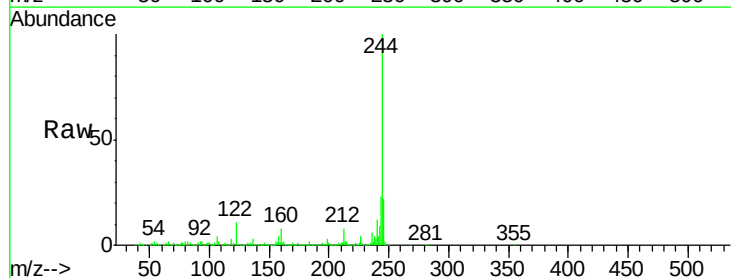
Tgt Ion:244 Resp: 1177704

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

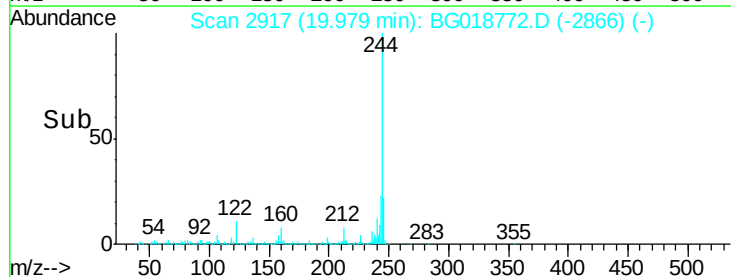
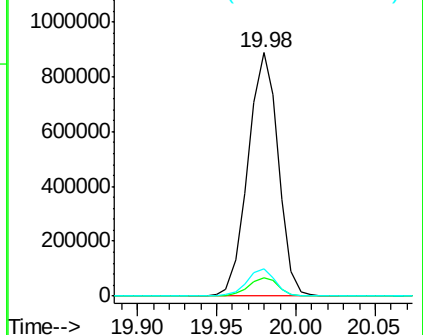
122 11.1 10.2 15.2

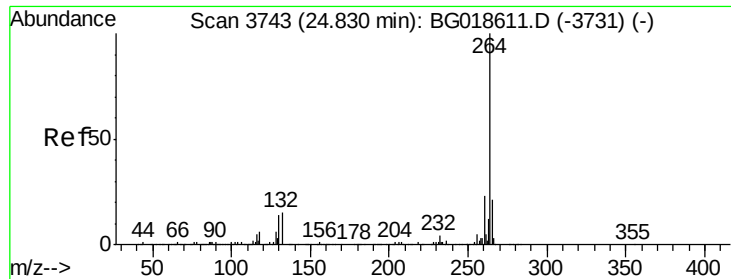


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

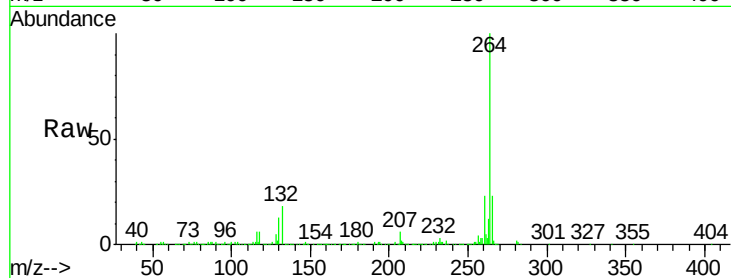




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3741
Delta R.T. 0.00 min
Lab File: BG018772.D
Acq: 18 Sep 2015 17:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.5	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

