

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030642.D
 Acq On : 1 Nov 2017 20:09
 Operator : SJ/JU
 Sample : I6199-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 20:45:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

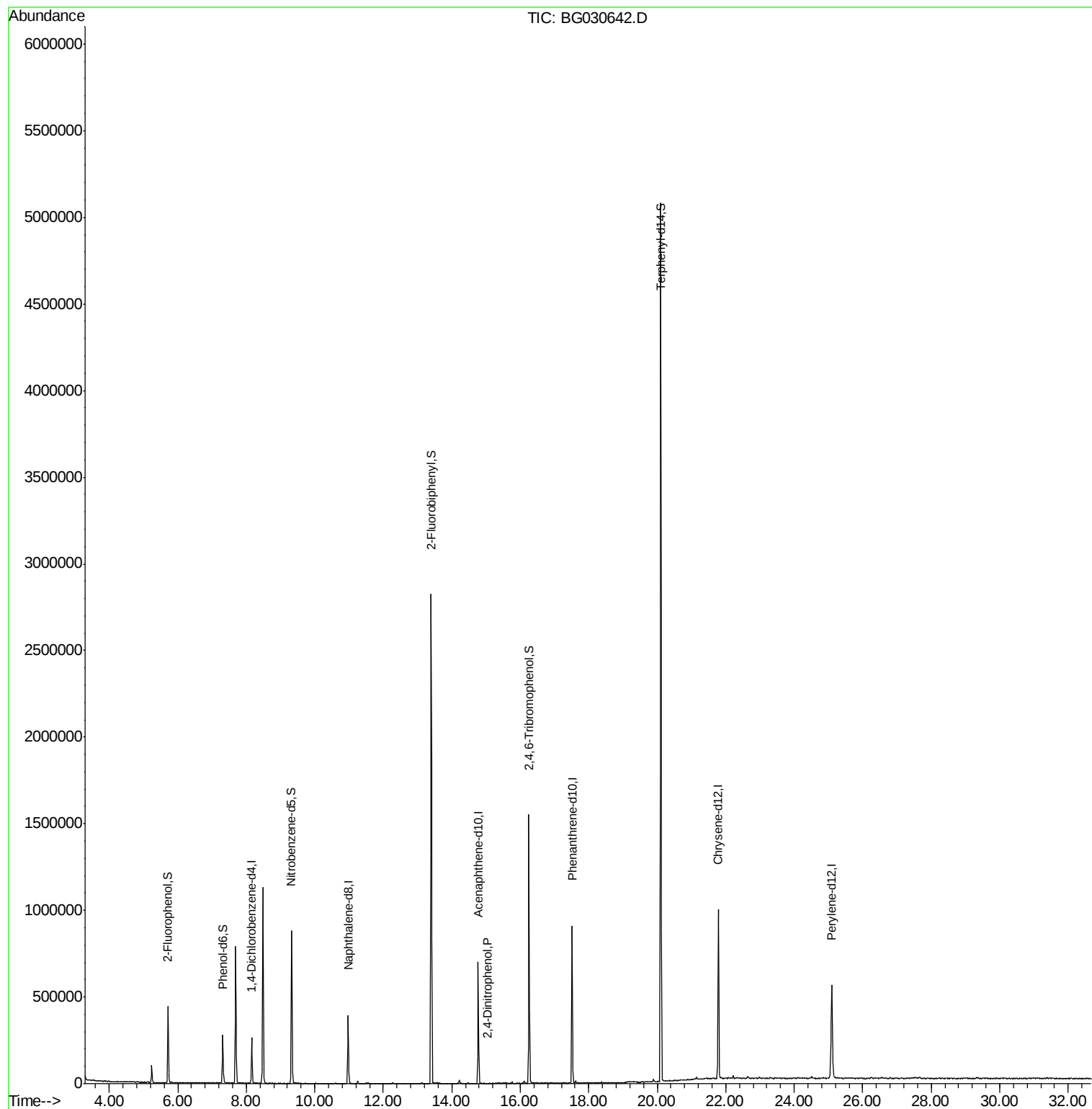
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	75496	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	356144	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	245490	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	563130	20.00	ng	0.00
75) Chrysene-d12	21.78	240	607943	20.00	ng	0.00
86) Perylene-d12	25.10	264	610365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	209548	46.37	ng	0.00
7) Phenol-d6	7.31	99	175457	27.66	ng	0.00
23) Nitrobenzene-d5	9.32	82	555904	99.19	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	309175	97.55	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1552550	92.76	ng	0.00
78) Terphenyl-d14	20.10	244	2417763	90.47	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	15.05	184	54	6.653	ng	Qvalue # 1

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

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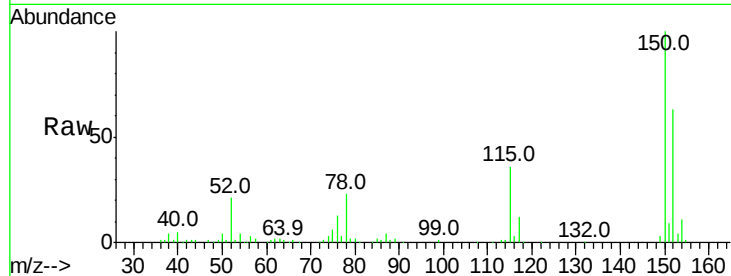


#1

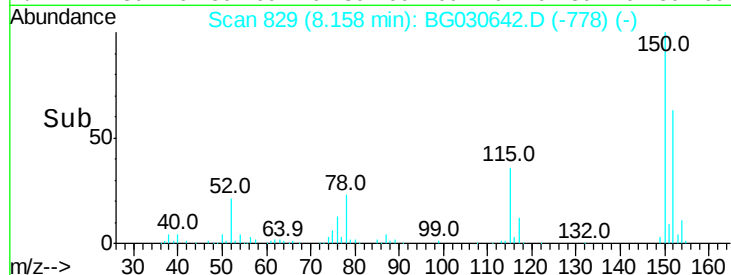
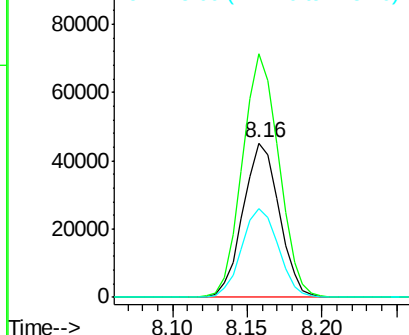
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG030642.D
Acq: 1 Nov 2017 20:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 75496
Ion Ratio Lower Upper
152 100
150 157.7 126.6 189.8
115 57.1 53.0 79.4



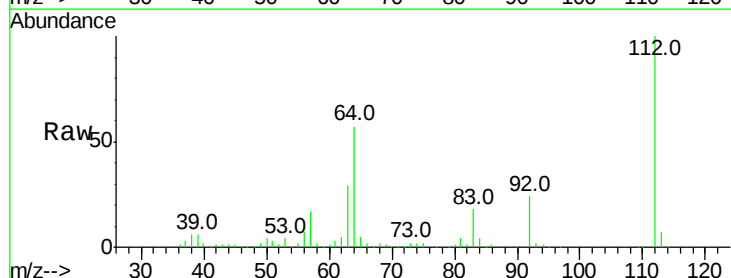
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



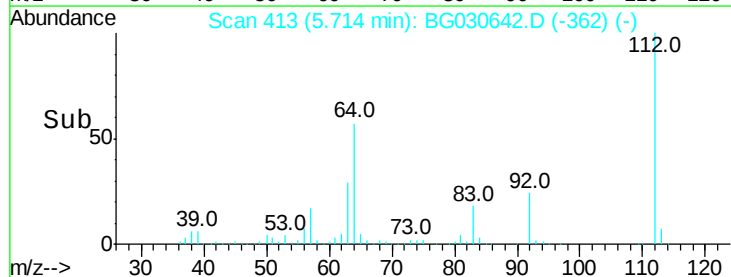
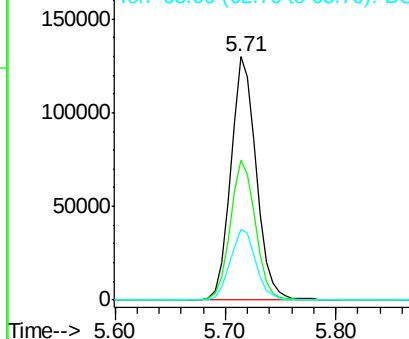
#5

2-Fluorophenol
Concen: 46.368 ng
RT: 5.71 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030642.D
Acq: 1 Nov 2017 20:09

Tgt Ion:112 Resp: 209548
Ion Ratio Lower Upper
112 100
64 57.3 56.3 84.5
63 29.3 30.1 45.1#



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





#7

Phenol-d6

Concen: 27.660 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030642.D

Acq: 1 Nov 2017 20:09

Instrument :

BNA_G

ClientSampled :

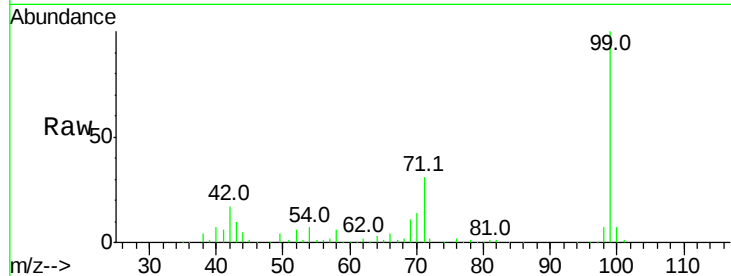
Tot Ion: 99 Resp: 175457

Ion Ratio Lower Upper

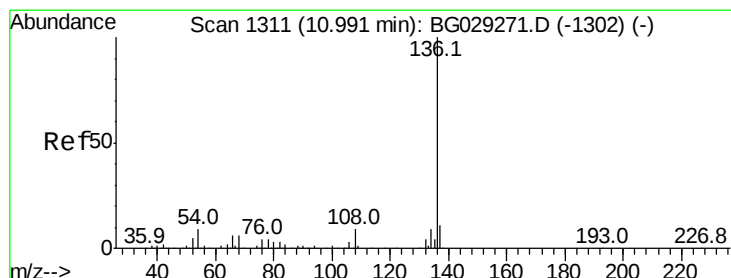
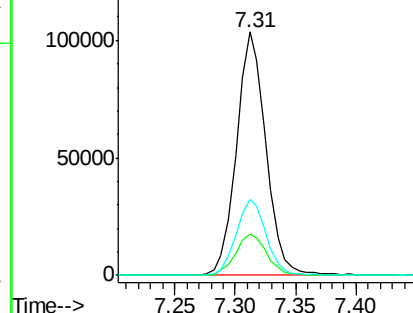
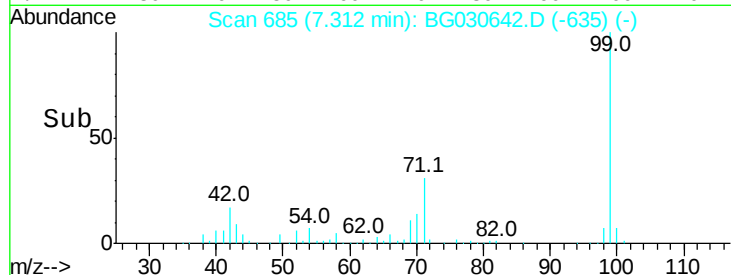
99 100

42 17.2 14.1 21.1

71 31.2 26.1 39.1



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: 20.000 ng

RT: 10.97 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG030642.D

Acq: 1 Nov 2017 20:09

Tgt Ion: 136 Resp: 356144

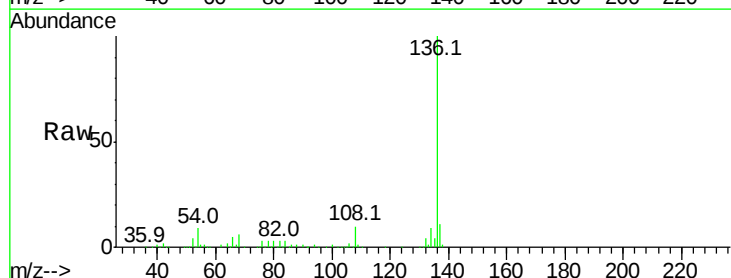
Ion Ratio Lower Upper

136 100

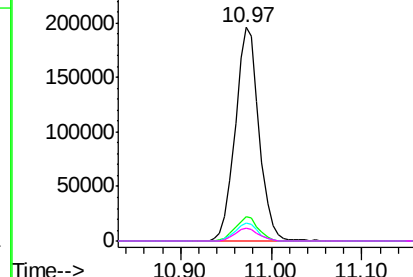
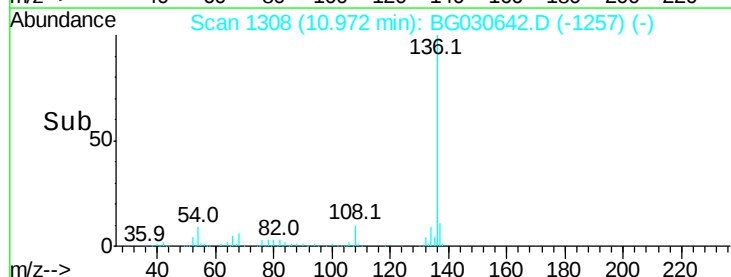
137 11.3 9.2 13.8

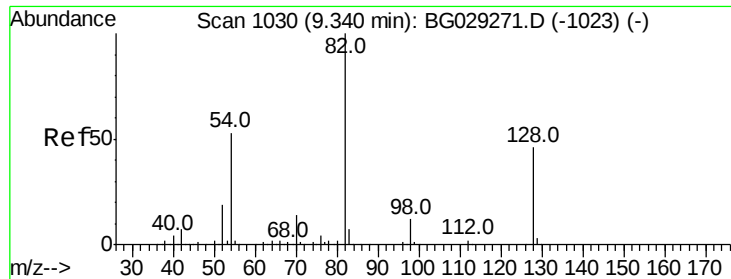
54 8.6 10.3 15.5#

68 6.1 4.5 6.7



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

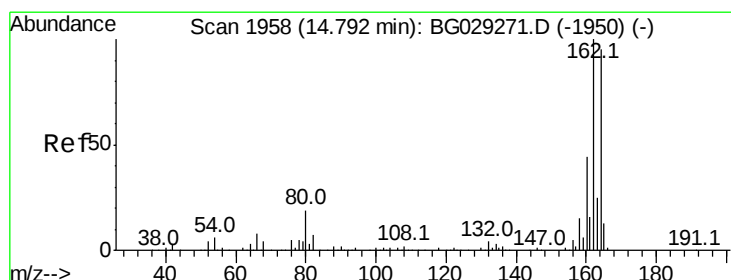
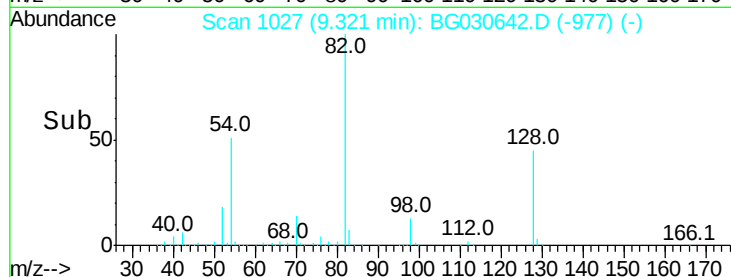
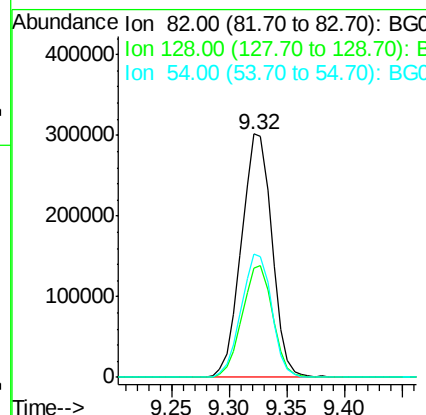
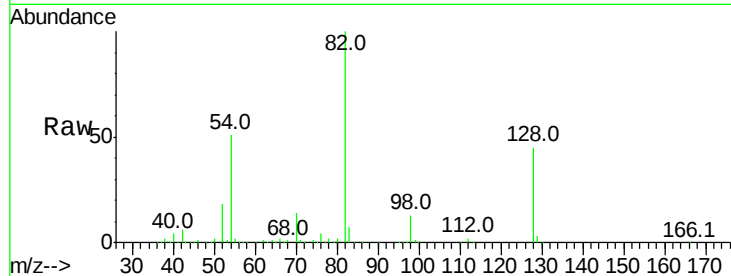




#23
Nitrobenzene-d5
Concen: 99.191 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG030642.D
Acq: 1 Nov 2017 20:09

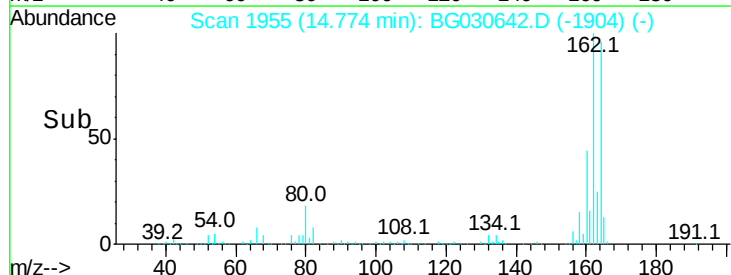
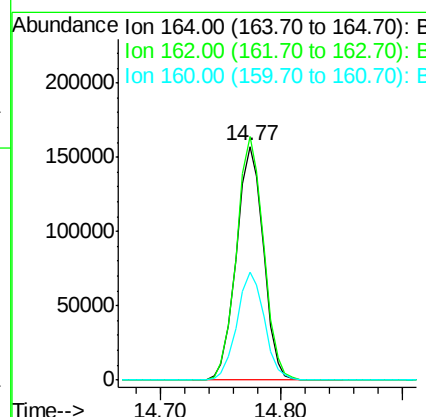
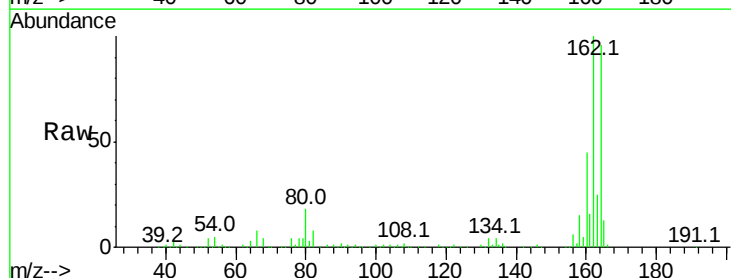
Instrument :
BNA_G
ClientSampleId :

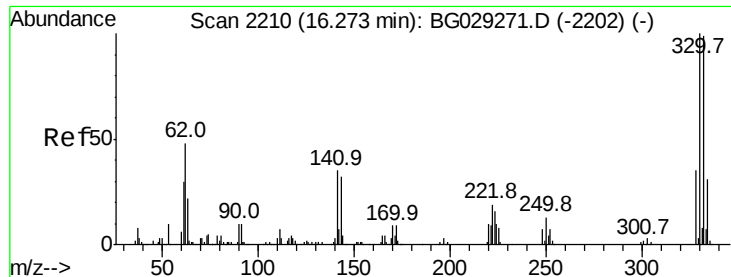
Tot Ion: 82 Resp: 555904
Ion Ratio Lower Upper
82 100
128 44.6 29.7 44.5#
54 50.7 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG030642.D
Acq: 1 Nov 2017 20:09

Tgt Ion:164 Resp: 245490
Ion Ratio Lower Upper
164 100
162 104.2 78.8 118.2
160 46.4 35.4 53.0

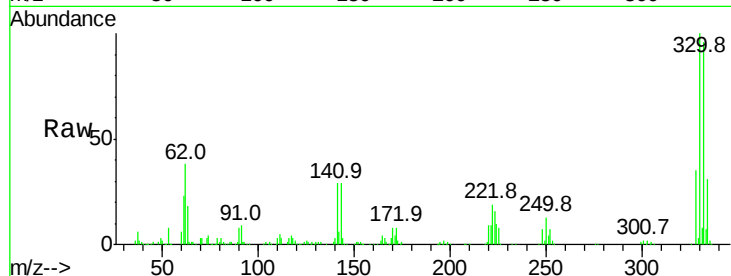




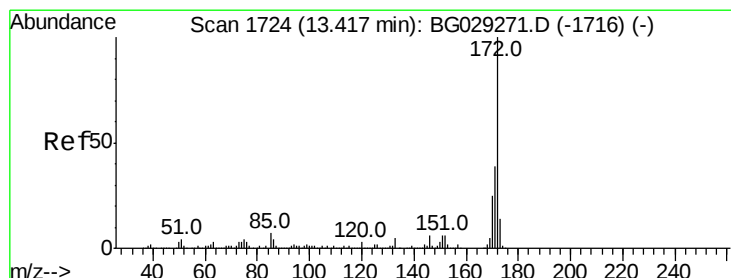
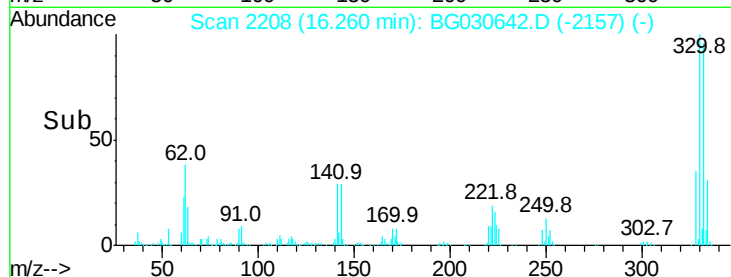
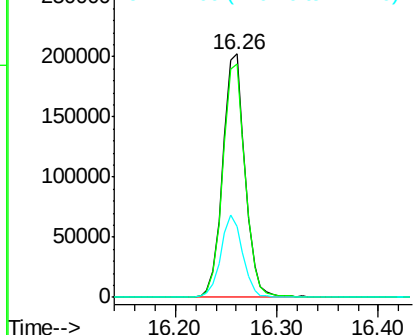
#41
 2,4,6-Tribromophenol
 Concen: 97.546 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BG030642.D
 Acq: 1 Nov 2017 20:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	33.0	25.2	37.8

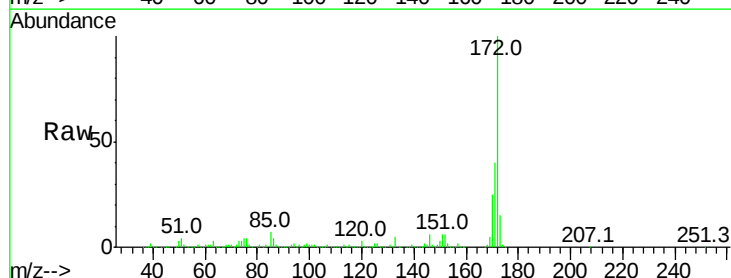


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

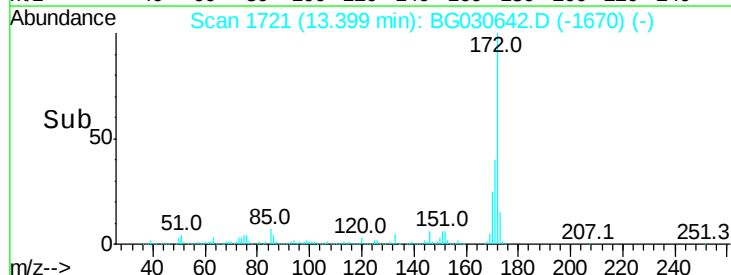
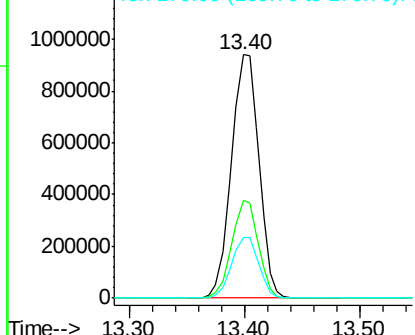


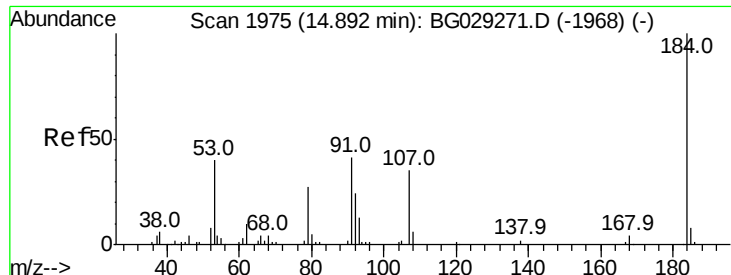
#44
 2-Fluorobiphenyl
 Concen: 92.755 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG030642.D
 Acq: 1 Nov 2017 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	30.0	45.0
170	24.9	19.5	29.3



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

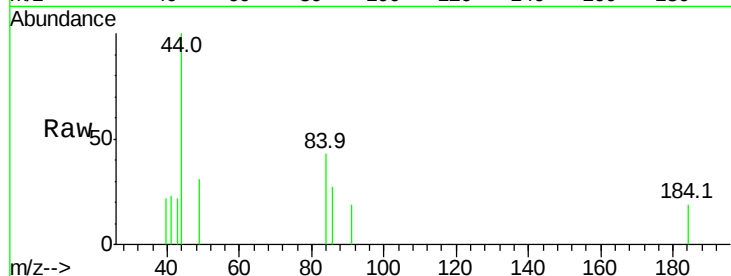




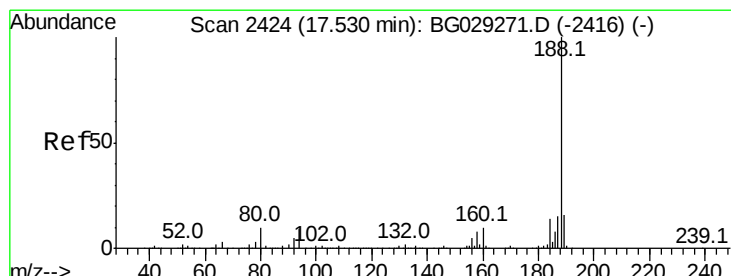
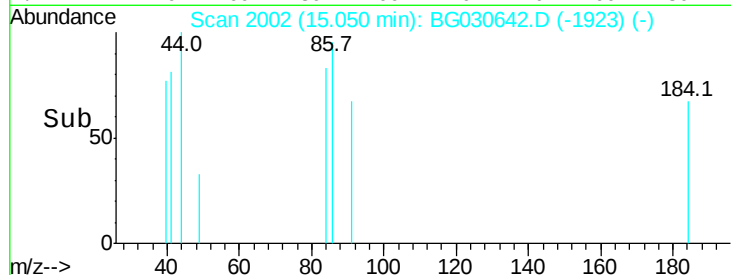
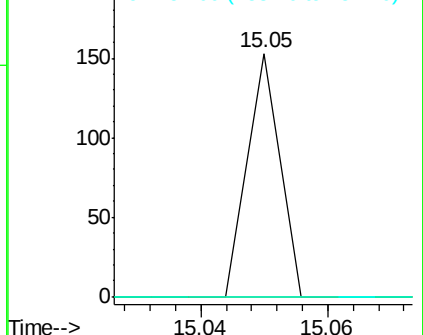
#53
 2,4-Dinitrophenol
 Concen: 6.653 ng
 RT: 15.05 min Scan# 2002
 Delta R.T. 0.16 min
 Lab File: BG030642.D
 Acq: 1 Nov 2017 20:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 54
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

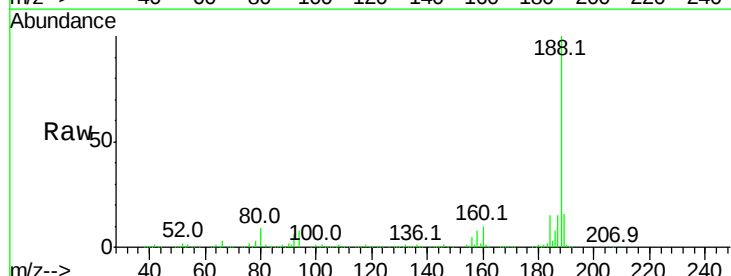


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

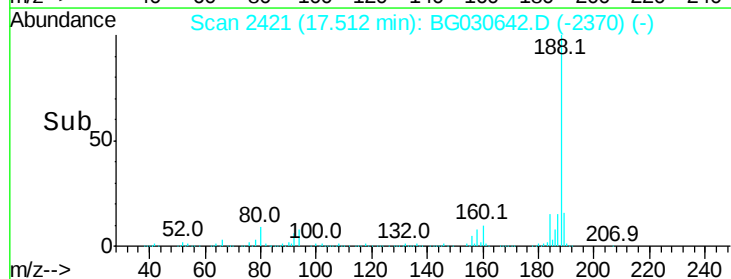
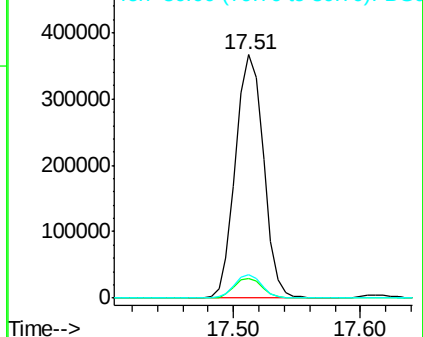


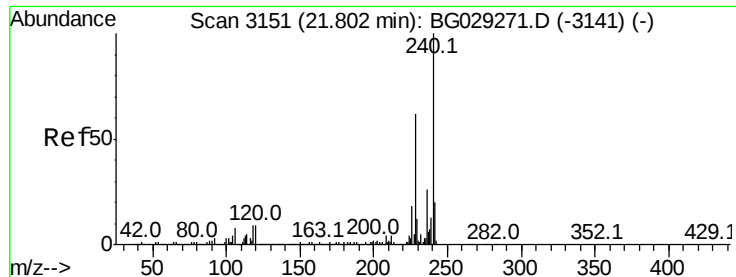
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG030642.D
 Acq: 1 Nov 2017 20:09

Tgt Ion:188 Resp: 563130
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.9 10.3
 80 9.5 7.7 11.5



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: 20.000 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG030642.D

Acq: 1 Nov 2017 20:09

Instrument :

BNA_G

ClientSampleId :

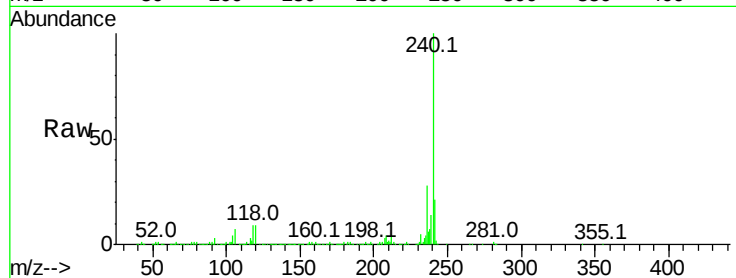
Tot Ion:240 Resp: 607943

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

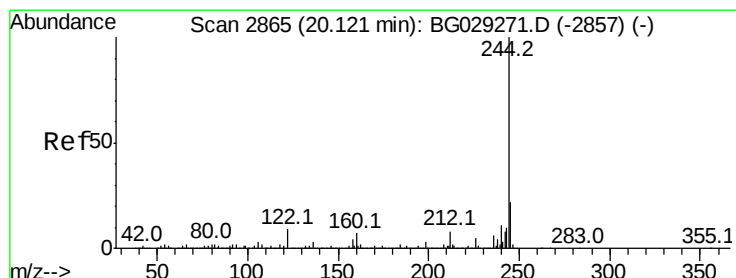
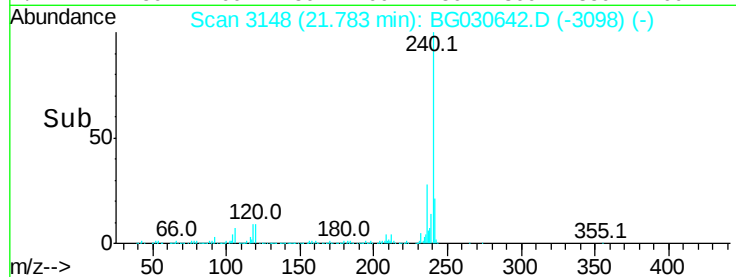
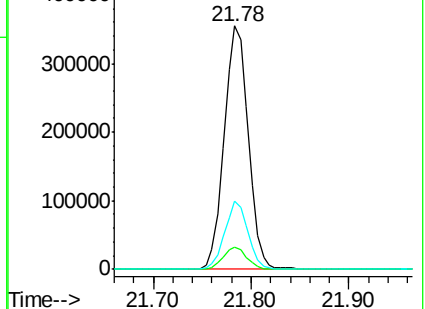
236 27.8 20.9 31.3



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: 90.473 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG030642.D

Acq: 1 Nov 2017 20:09

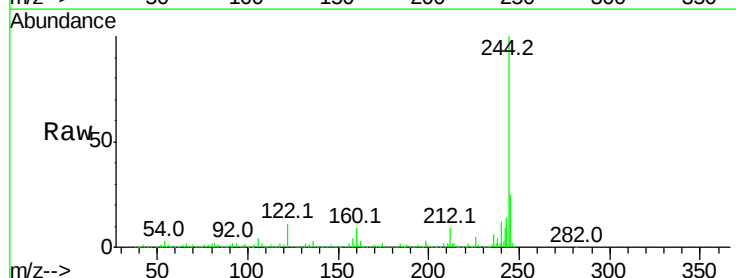
Tgt Ion:244 Resp: 2417763

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

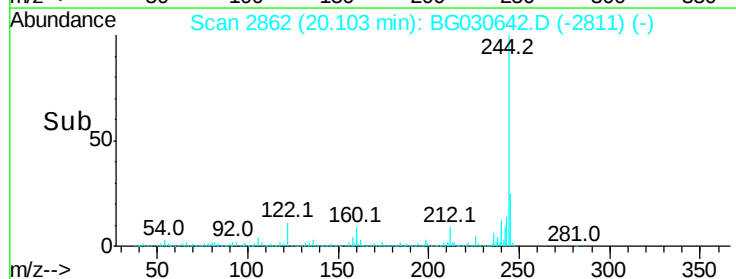
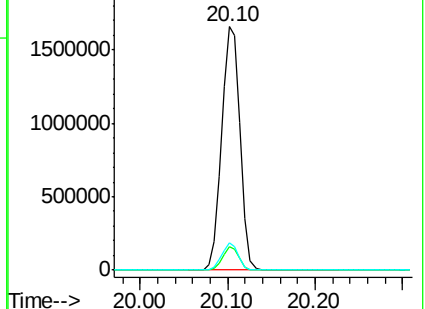
122 11.1 7.0 10.4#

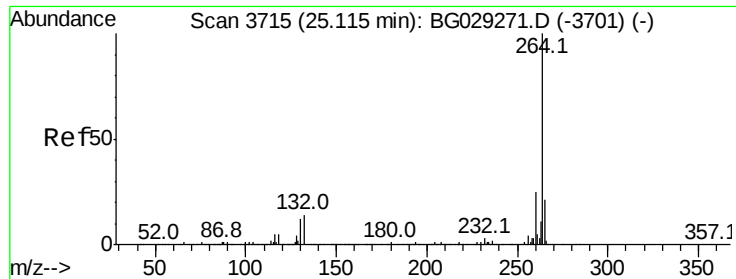


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

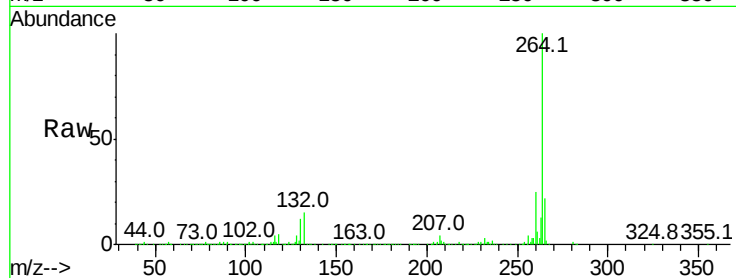




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.00 min
Lab File: BG030642.D
Acq: 1 Nov 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	21.7	17.7	26.5



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

