

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030632.D
 Acq On : 1 Nov 2017 13:03
 Operator : SJ/JU
 Sample : I6206-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-102717-C

Quant Time: Nov 01 17:49:06 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

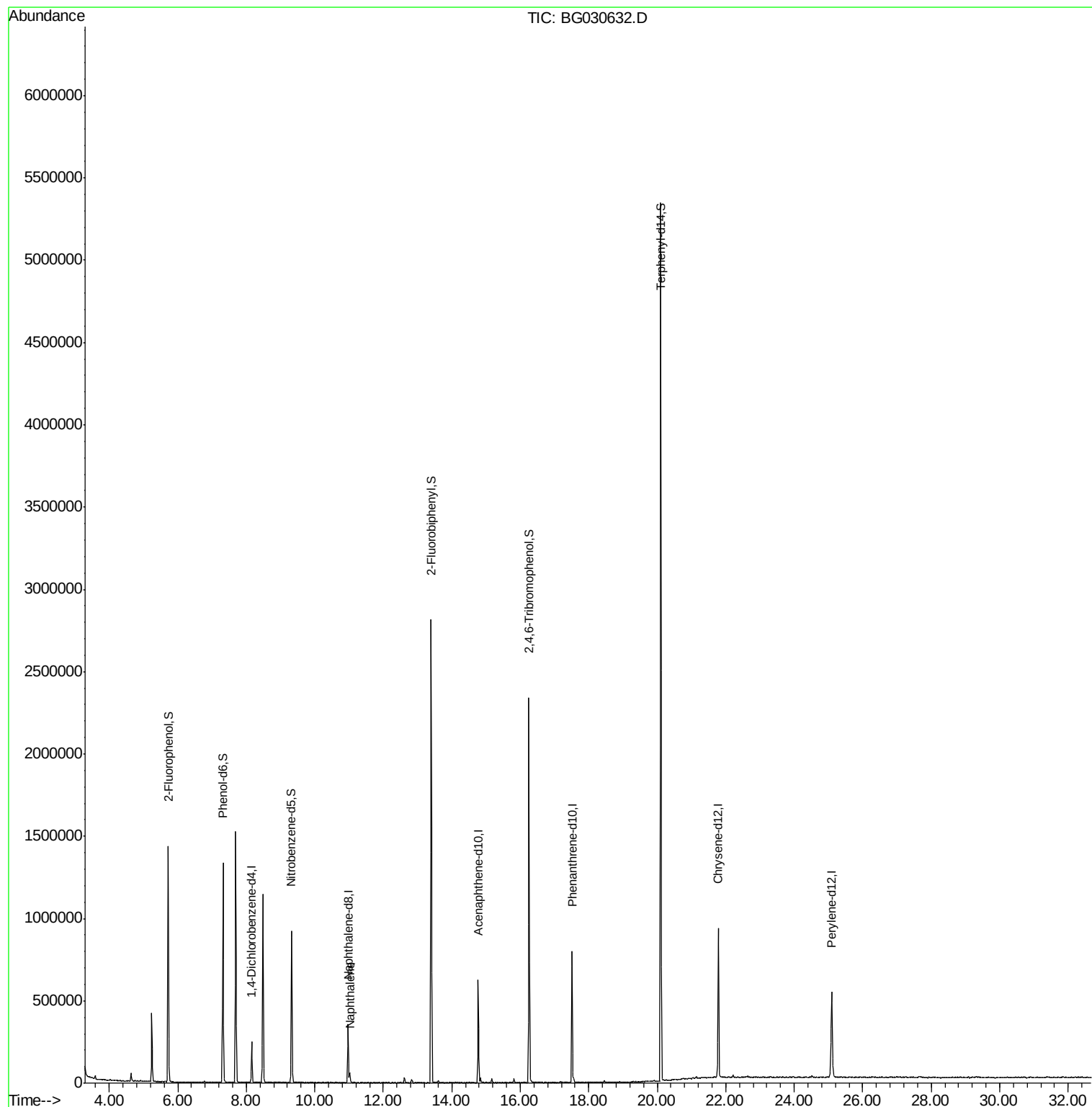
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	71364	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	325322	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	214983	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	516729	20.00	ng	0.00
75) Chrysene-d12	21.78	240	554976	20.00	ng	0.00
86) Perylene-d12	25.09	264	554619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	663837	155.40	ng	0.00
7) Phenol-d6	7.32	99	809097	134.93	ng	0.00
23) Nitrobenzene-d5	9.32	82	562140	109.81	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	492928	177.59	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1499903	102.33	ng	0.00
78) Terphenyl-d14	20.10	244	2368170	97.07	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	52083	3.212	ng	Qvalue 96

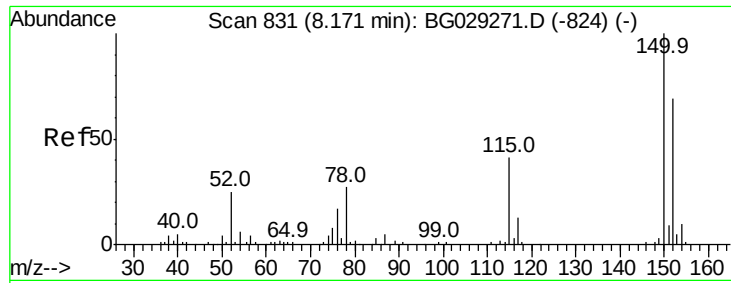
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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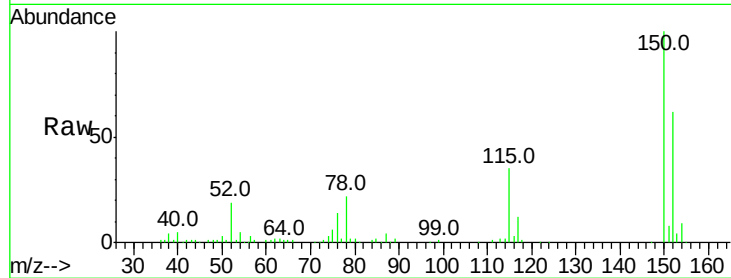


#1

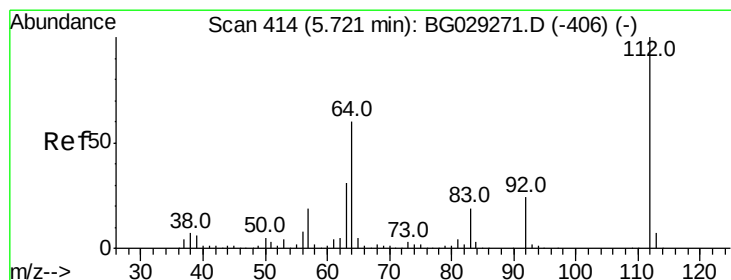
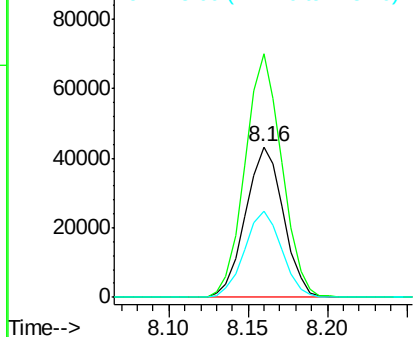
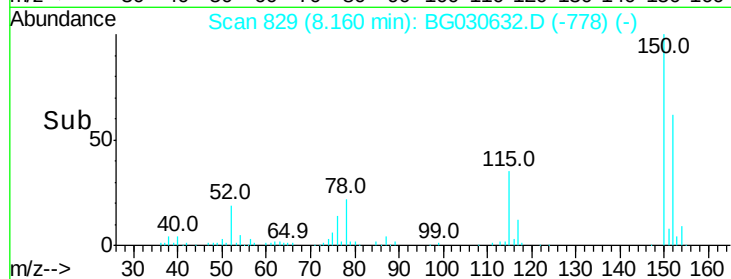
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG030632.D
Acq: 1 Nov 2017 13:03

Instrument :
BNA_G
ClientSampleId :
EO-01-102717-C

Tot Ion:152 Resp: 71364
Ion Ratio Lower Upper
152 100
150 161.9 126.6 189.8
115 56.9 53.0 79.4



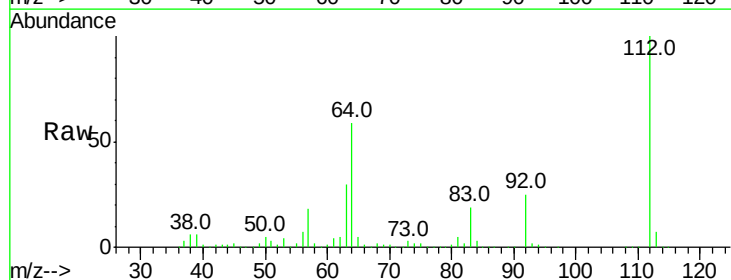
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



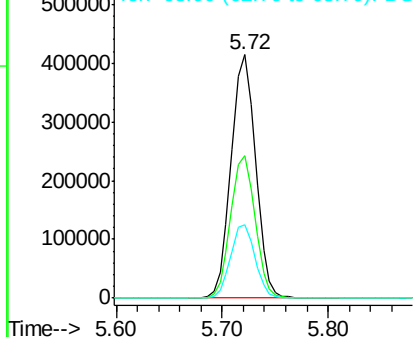
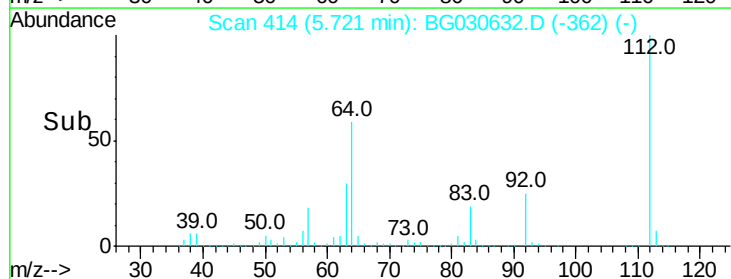
#5

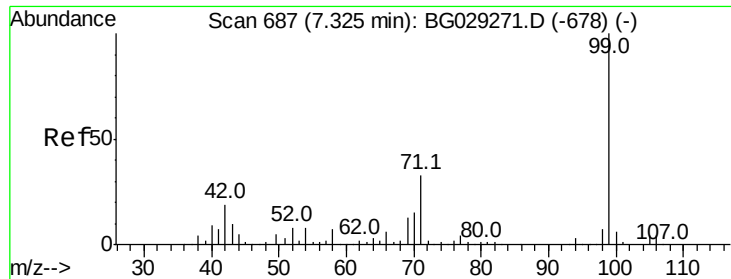
2-Fluorophenol
Concen: 155.397 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG030632.D
Acq: 1 Nov 2017 13:03

Tgt Ion:112 Resp: 663837
Ion Ratio Lower Upper
112 100
64 58.5 56.3 84.5
63 30.3 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: 134.934 ng

RT: 7.32 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG030632.D

Acq: 1 Nov 2017 13:03

Instrument :

BNA_G

ClientSampleId :

EO-01-102717-C

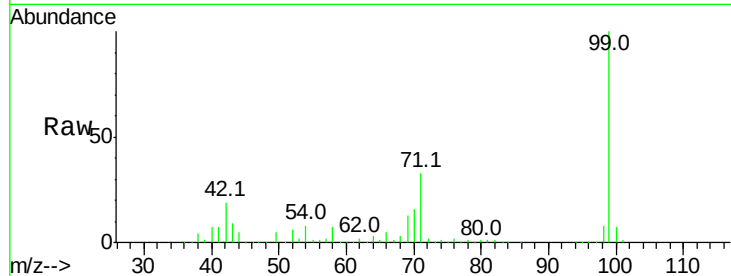
Tot Ion: 99 Resp: 809097

Ion Ratio Lower Upper

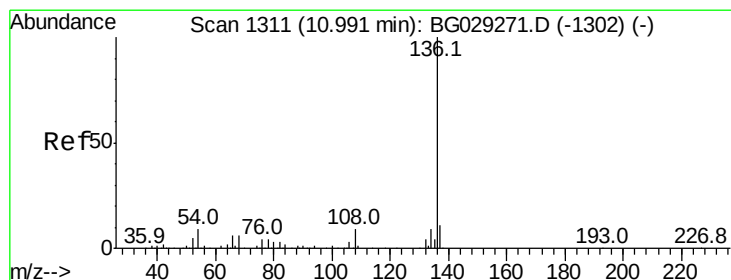
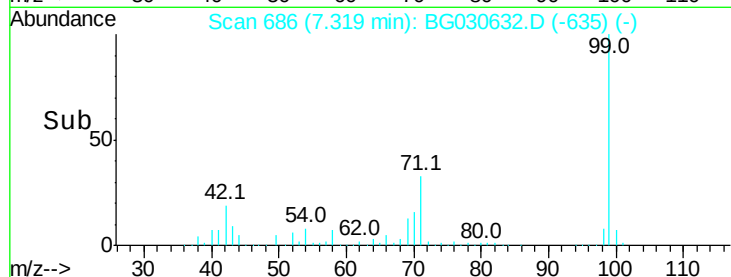
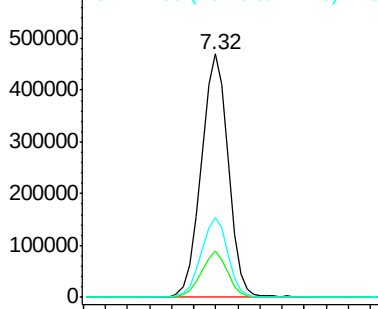
99 100

42 19.0 14.1 21.1

71 32.7 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: BG030632.D

Acq: 1 Nov 2017 13:03

Tgt Ion: 136 Resp: 325322

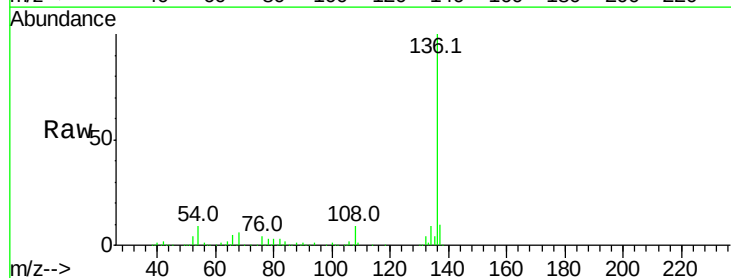
Ion Ratio Lower Upper

136 100

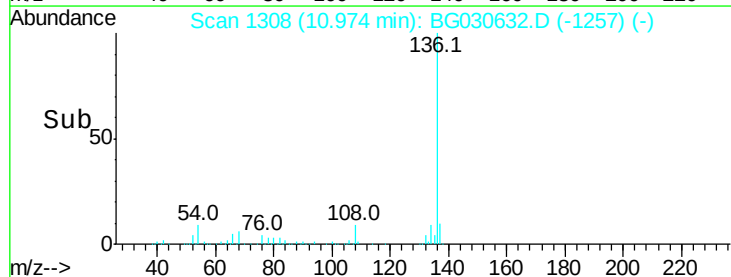
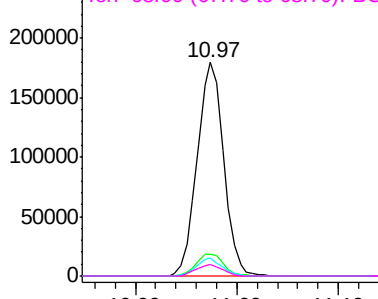
137 10.0 9.2 13.8

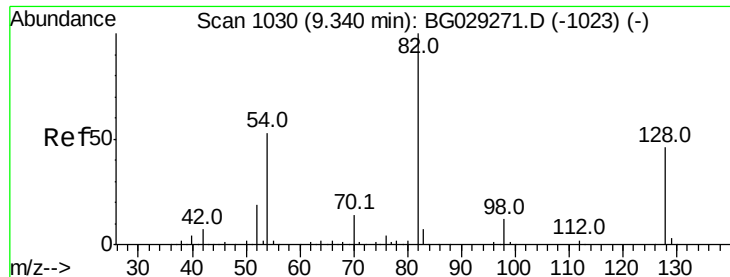
54 8.5 10.3 15.5#

68 5.5 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

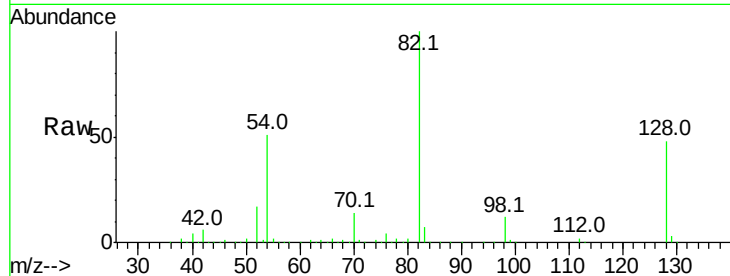




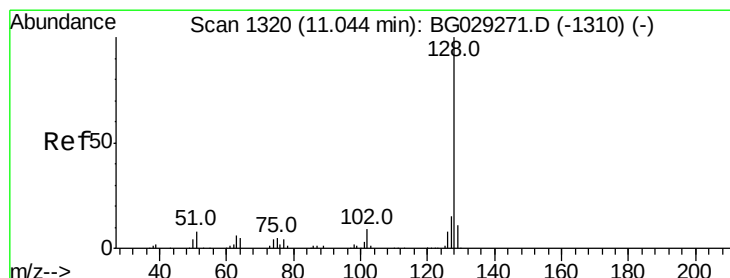
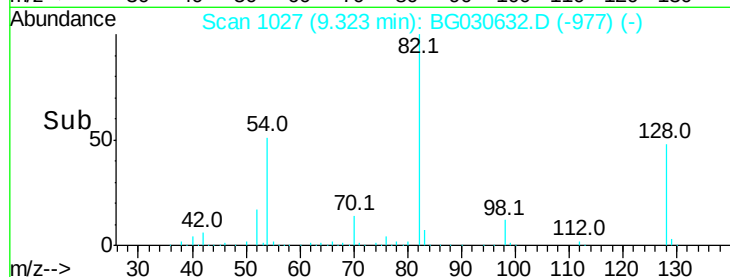
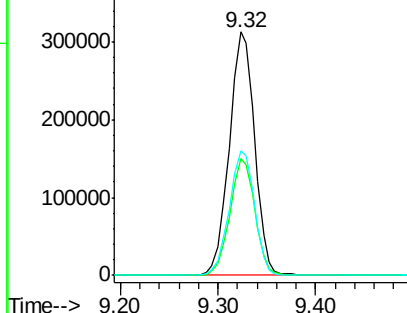
#23
Nitrobenzene-d5
Concen: 109.806 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG030632.D
Acq: 1 Nov 2017 13:03

Instrument :
BNA_G
ClientSampleId :
EO-01-102717-C

Tot Ion: 82 Resp: 562140
Ion Ratio Lower Upper
82 100
128 47.9 29.7 44.5#
54 51.0 43.1 64.7

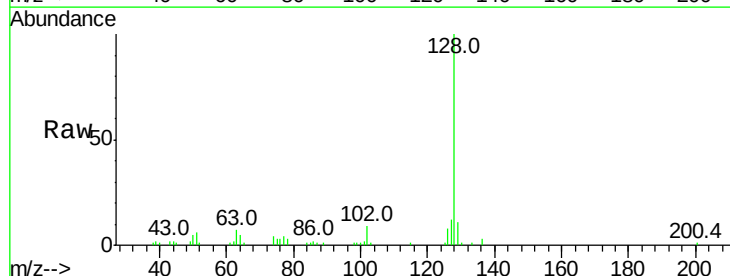


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

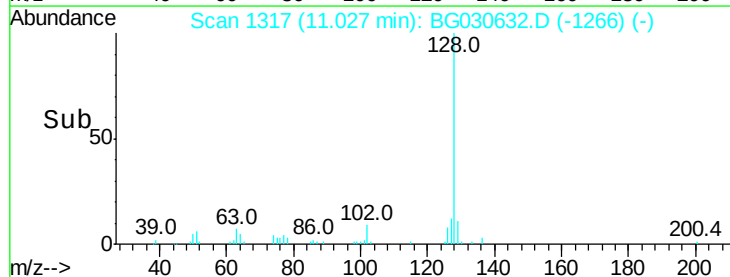
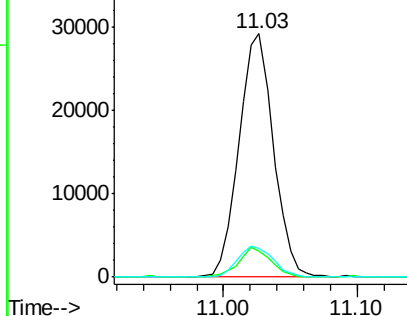


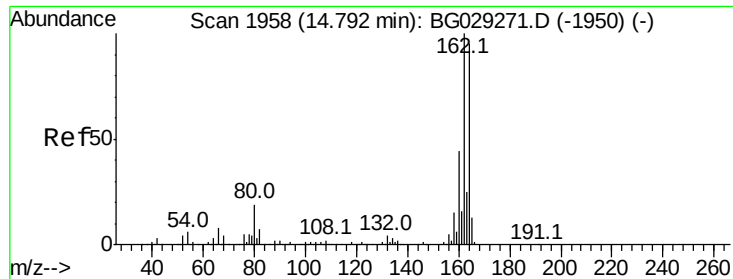
#31
Naphthalene
Concen: 3.212 ng
RT: 11.03 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG030632.D
Acq: 1 Nov 2017 13:03

Tgt Ion: 128 Resp: 52083
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 11.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG030632.D

Acq: 1 Nov 2017 13:03

Instrument :

BNA_G

ClientSampleId :

EO-01-102717-C

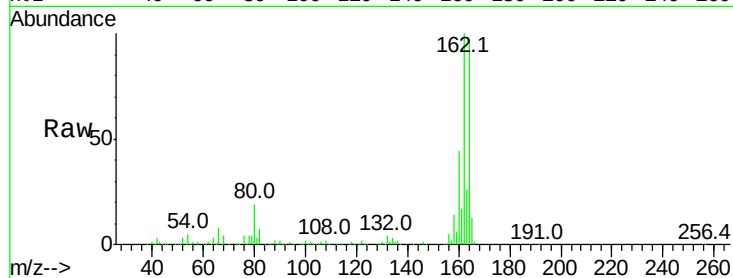
Tot Ion:164 Resp: 214983

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

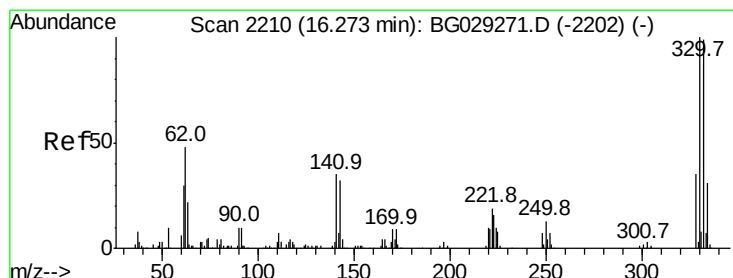
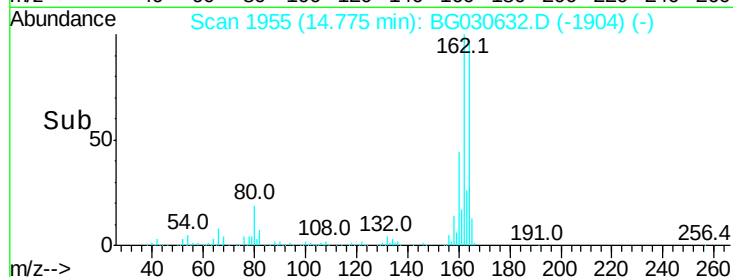
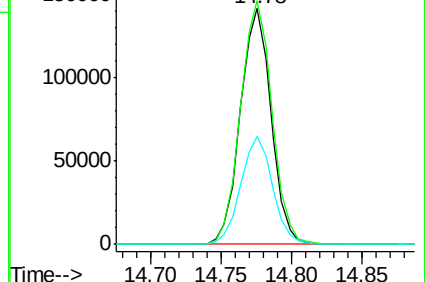
160 45.6 35.4 53.0



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: 177.590 ng

RT: 16.26 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG030632.D

Acq: 1 Nov 2017 13:03

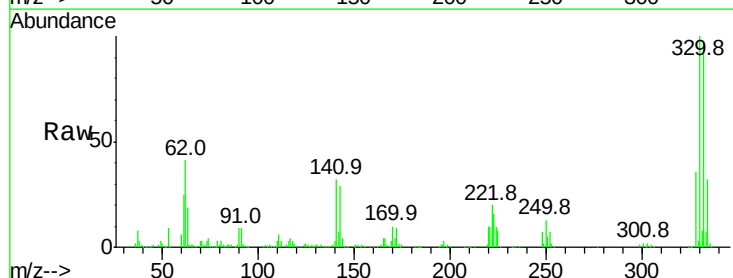
Tgt Ion:330 Resp: 492928

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

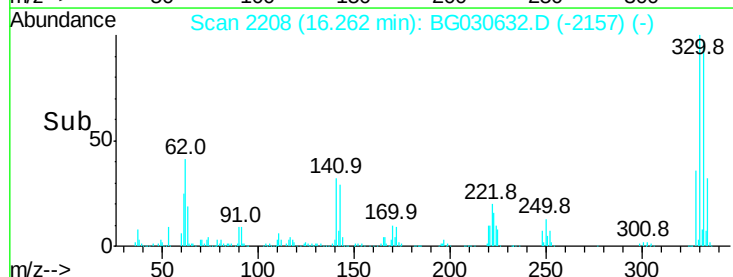
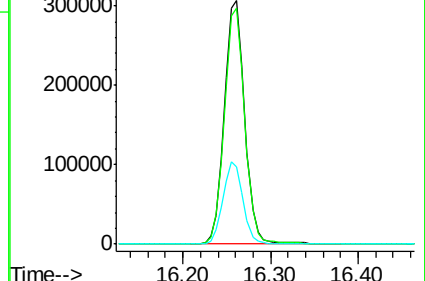
141 33.1 25.2 37.8

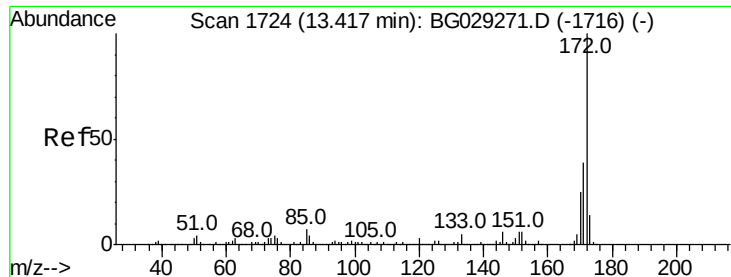


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



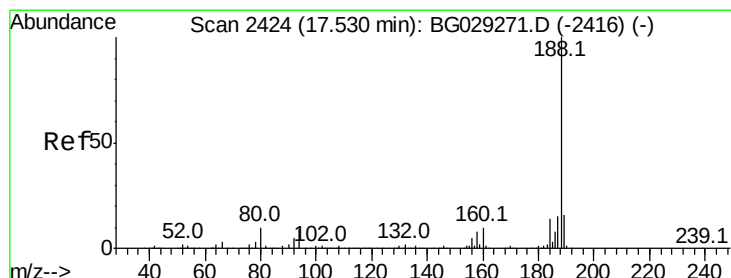
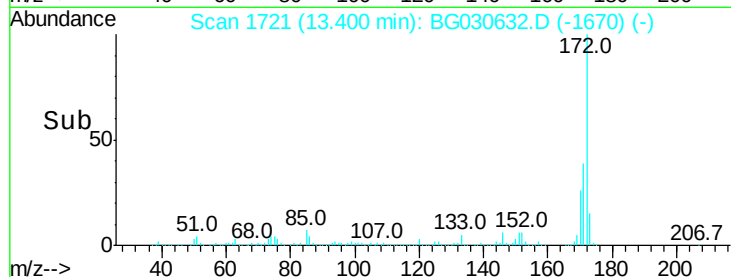
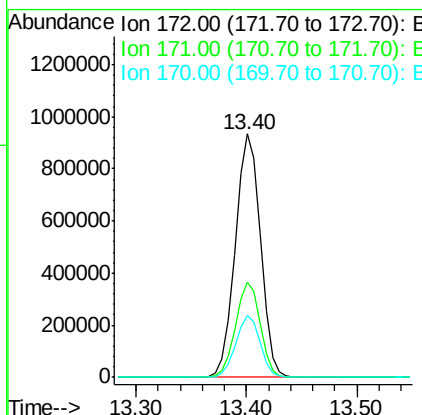
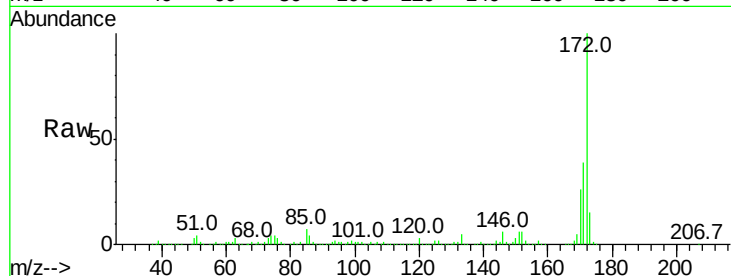


#44
 2-Fluorobiphenyl
 Concen: 102.326 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030632.D
 Acq: 1 Nov 2017 13:03

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-102717-C

Tot Ion:172 Resp: 1499903

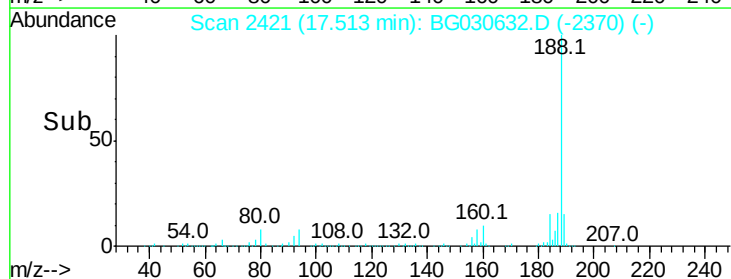
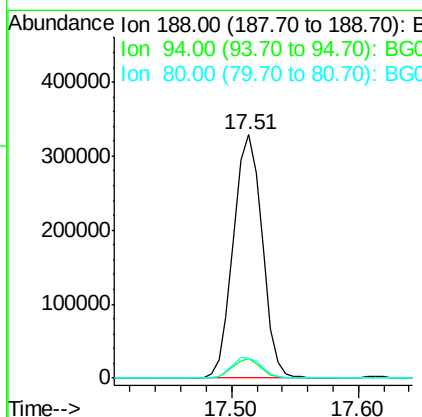
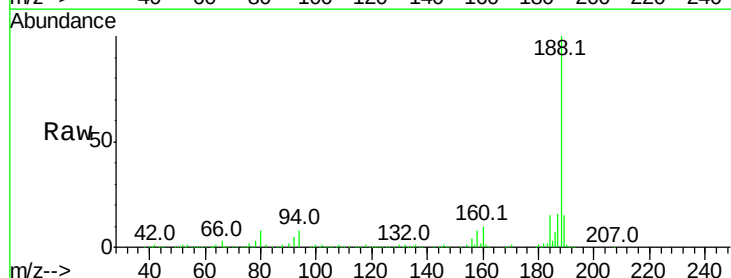
Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.0	45.0
170	25.6	19.5	29.3

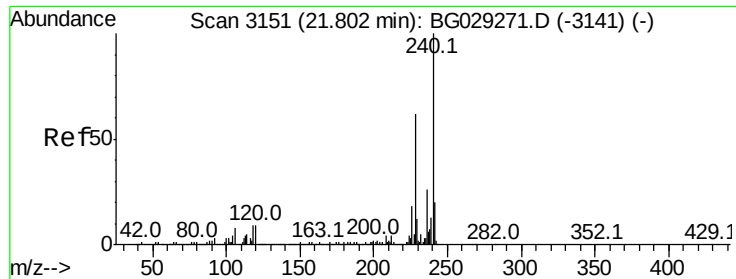


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG030632.D
 Acq: 1 Nov 2017 13:03

Tgt Ion:188 Resp: 516729

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.3	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG030632.D

Acq: 1 Nov 2017 13:03

Instrument :

BNA_G

ClientSampleId :

EO-01-102717-C

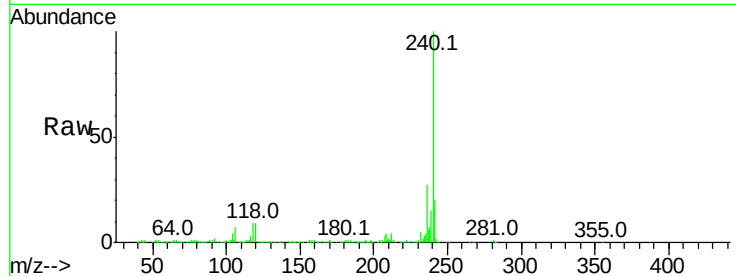
Tot Ion:240 Resp: 554976

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

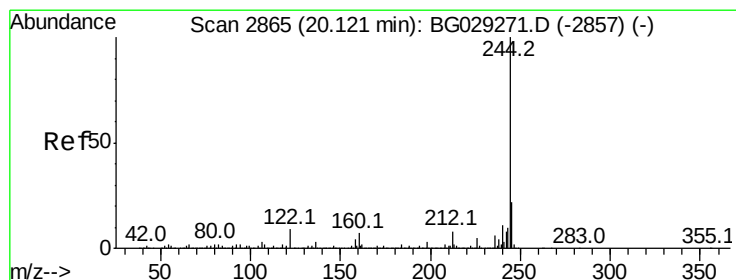
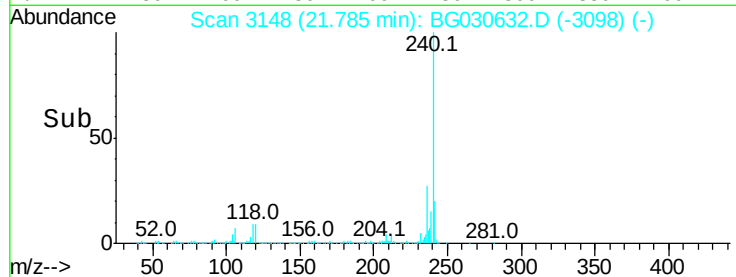
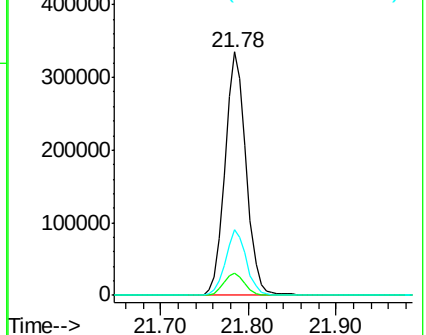
236 26.9 20.9 31.3



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: 97.075 ng

RT: 20.10 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG030632.D

Acq: 1 Nov 2017 13:03

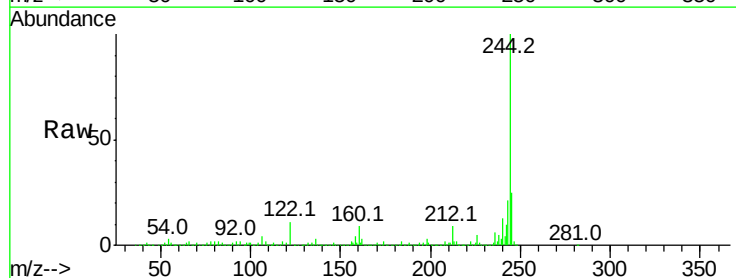
Tgt Ion:244 Resp: 2368170

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

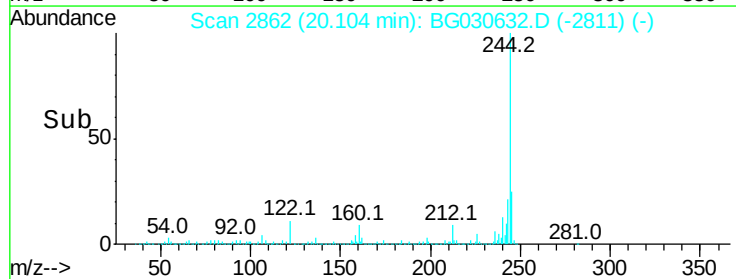
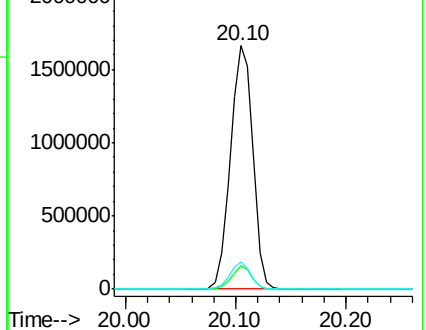
122 11.2 7.0 10.4#

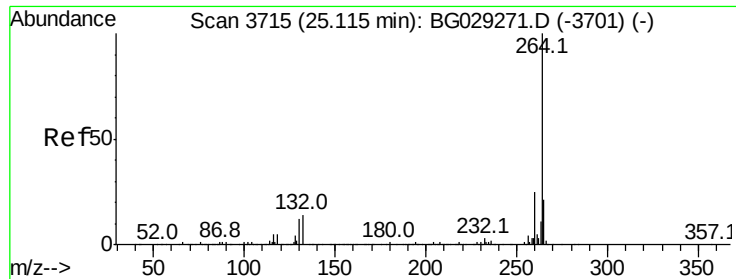


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.09 min Scan# 3711
 Delta R.T. -0.00 min
 Lab File: BG030632.D
 Acq: 1 Nov 2017 13:03

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-102717-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.5	17.7	26.5

