

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030627.D
 Acq On : 1 Nov 2017 9:55
 Operator : SJ/JU
 Sample : I6206-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Nov 01 17:43:32 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	73223	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	334253	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	226470	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	528997	20.00	ng	0.00
75) Chrysene-d12	21.79	240	567995	20.00	ng	0.00
86) Perylene-d12	25.10	264	570212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	648298	147.91	ng	0.00
7) Phenol-d6	7.32	99	800799	130.16	ng	0.00
23) Nitrobenzene-d5	9.32	82	556807	105.86	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	491238	168.00	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1530821	99.14	ng	0.00
78) Terphenyl-d14	20.11	244	2355146	94.33	ng	0.00

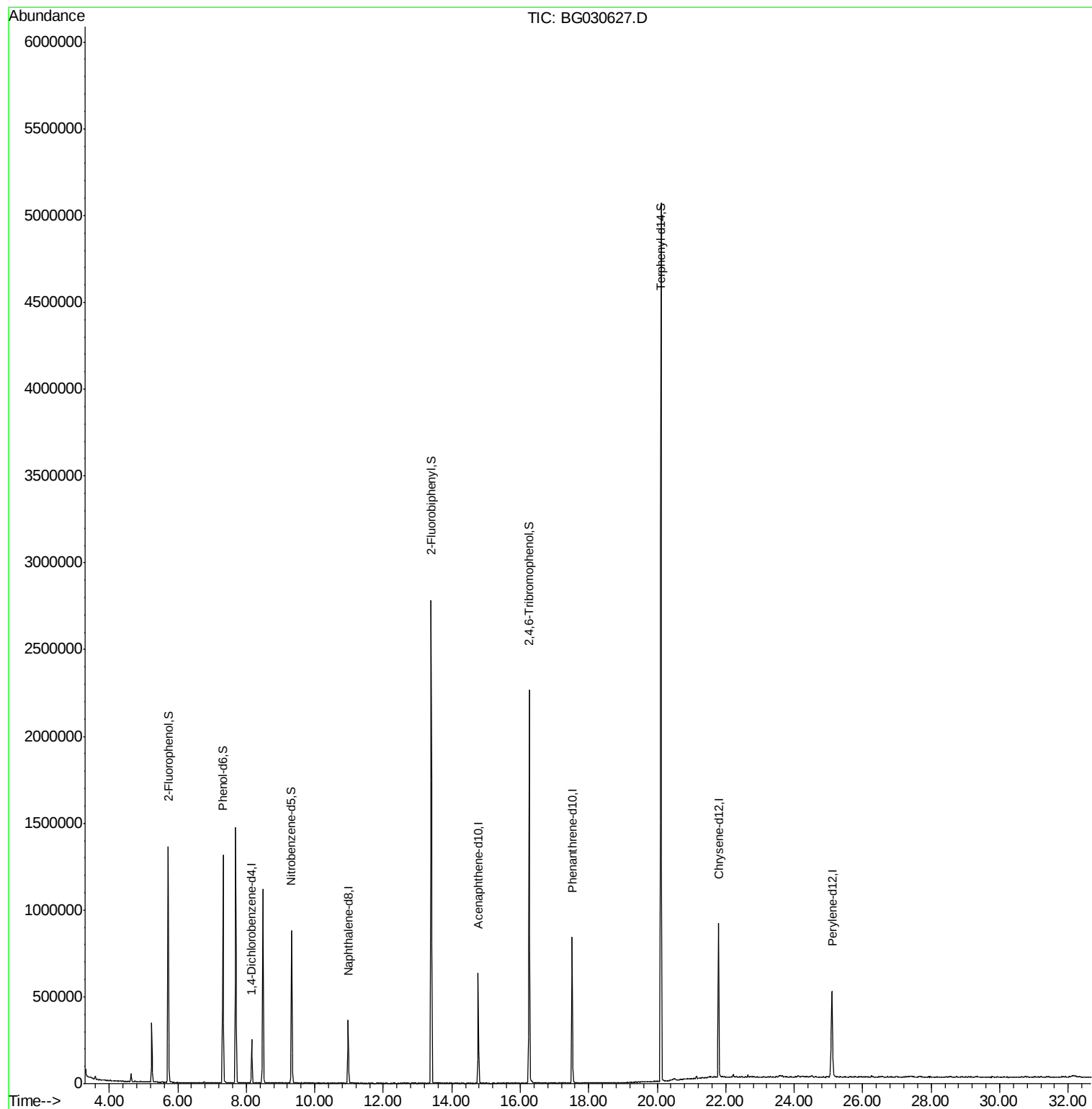
Target Compounds Qvalue

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

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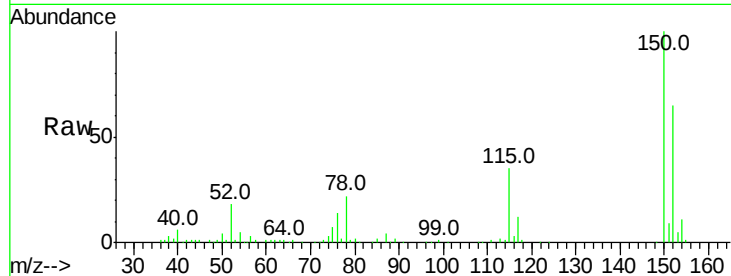


#1

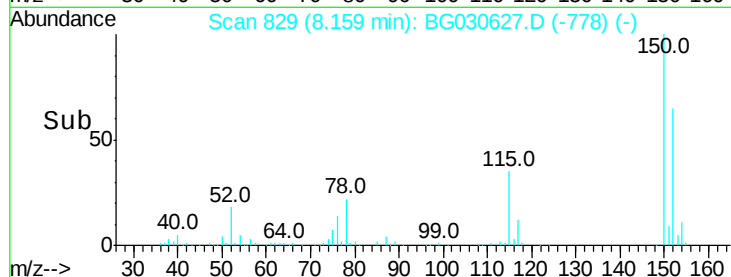
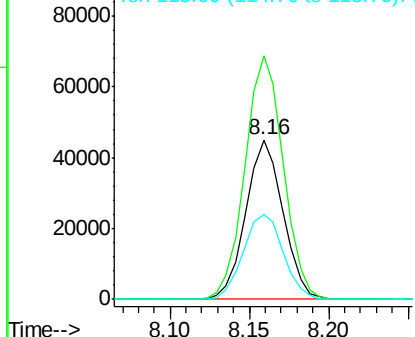
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG030627.D
Acq: 1 Nov 2017 9:55

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

Tot Ion:152 Resp: 73223
Ion Ratio Lower Upper
152 100
150 152.9 126.6 189.8
115 53.3 53.0 79.4



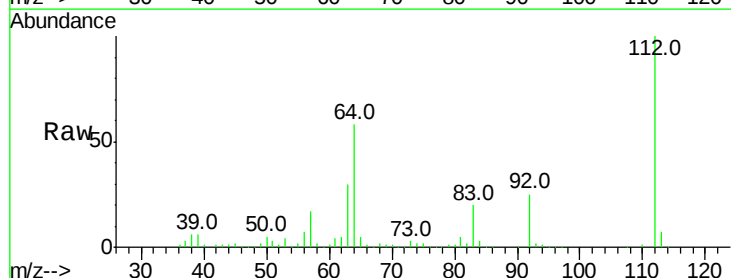
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



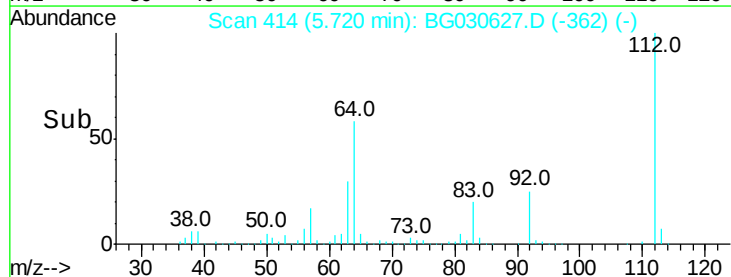
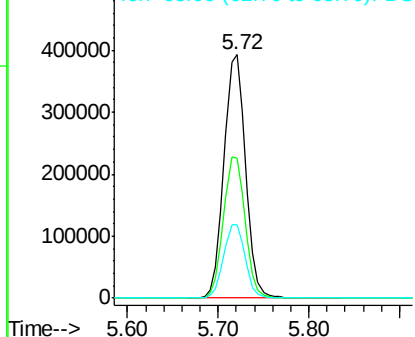
#5

2-Fluorophenol
Concen: 147.907 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG030627.D
Acq: 1 Nov 2017 9:55

Tgt Ion:112 Resp: 648298
Ion Ratio Lower Upper
112 100
64 57.7 56.3 84.5
63 30.4 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: 130.159 ng

RT: 7.32 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG030627.D

Acq: 1 Nov 2017 9:55

Instrument :

BNA_G

ClientSampleId :

EO-01-102717-A

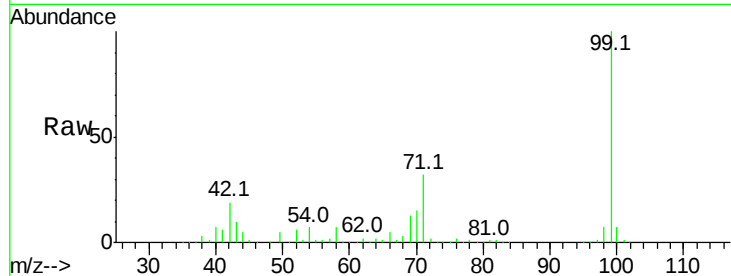
Tot Ion: 99 Resp: 800799

Ion Ratio Lower Upper

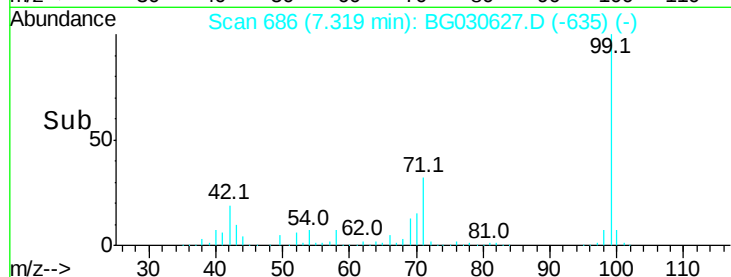
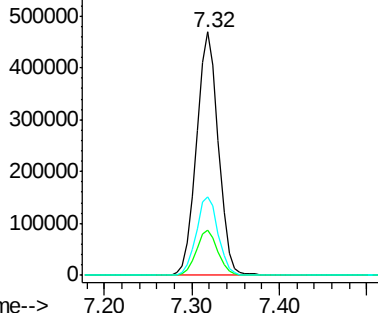
99 100

42 18.7 14.1 21.1

71 32.0 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: BG030627.D

Acq: 1 Nov 2017 9:55

Tgt Ion: 136 Resp: 334253

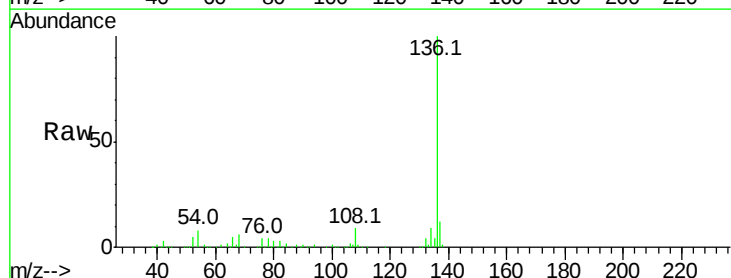
Ion Ratio Lower Upper

136 100

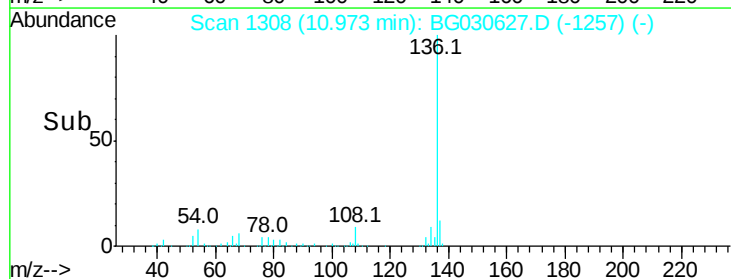
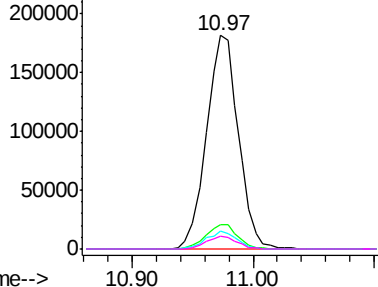
137 11.5 9.2 13.8

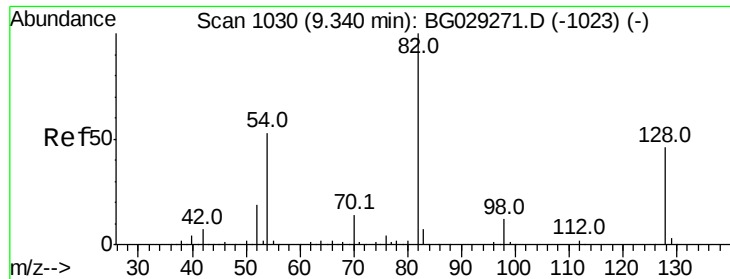
54 8.3 10.3 15.5#

68 6.2 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

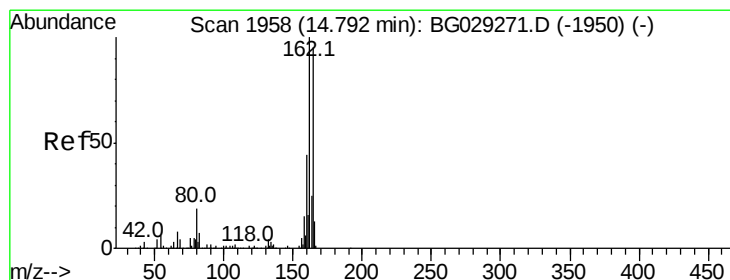
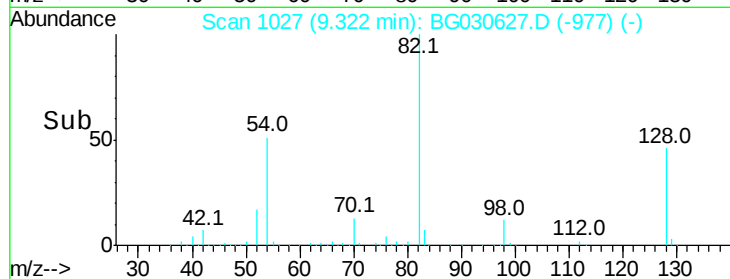
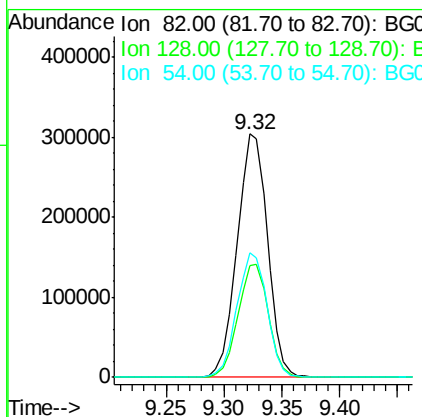
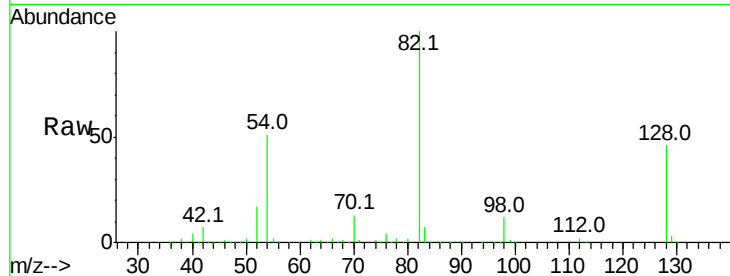




#23
 Nitrobenzene-d5
 Concen: 105.859 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG030627.D
 Acq: 1 Nov 2017 9:55

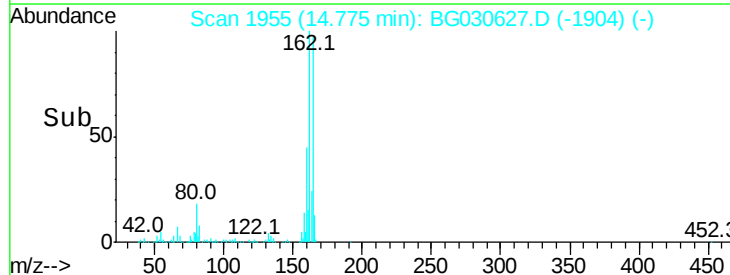
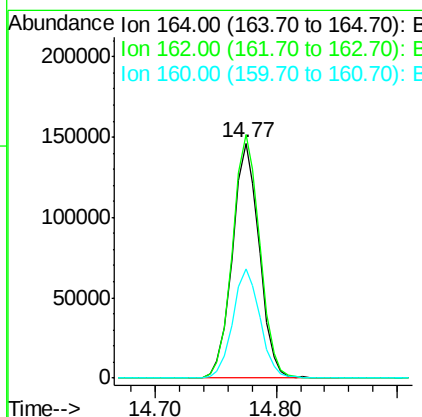
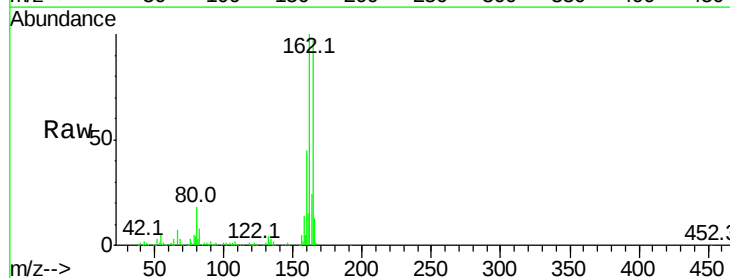
Instrument :
 BNA_G
 ClientSampleId :
 EO-01-102717-A

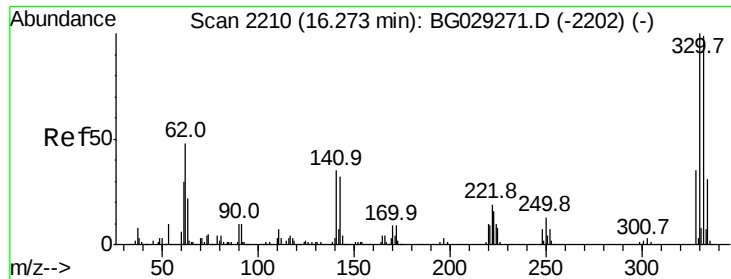
Tot Ion	82	Resp	556807
Ion Ratio	100	Lower	Upper
128	45.9	29.7	44.5#
54	51.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: BG030627.D
 Acq: 1 Nov 2017 9:55

Tgt Ion	164	Resp	226470
Ion Ratio	100	Lower	Upper
162	103.5	78.8	118.2
160	46.4	35.4	53.0

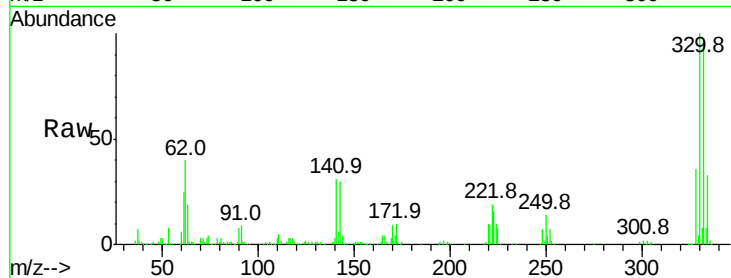




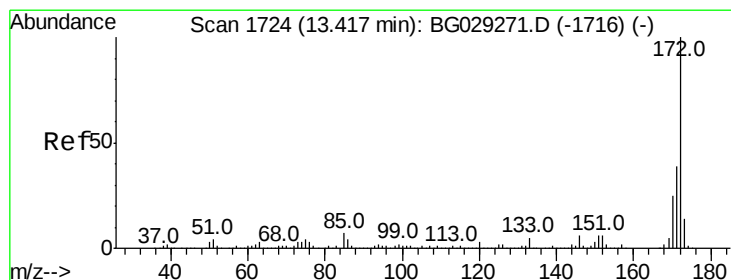
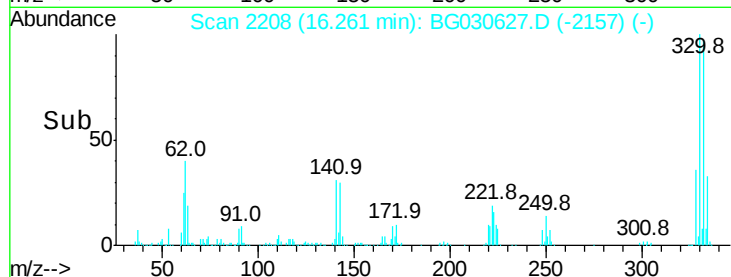
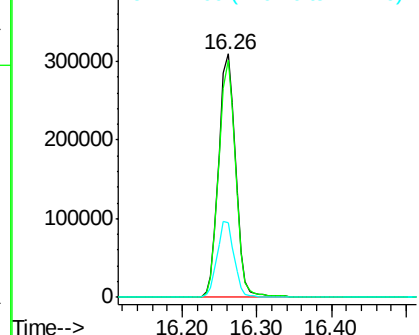
#41
 2,4,6-Tribromophenol
 Concen: 168.004 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BG030627.D
 Acq: 1 Nov 2017 9:55

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

Tot Ion:330 Resp: 491238
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 31.1 25.2 37.8

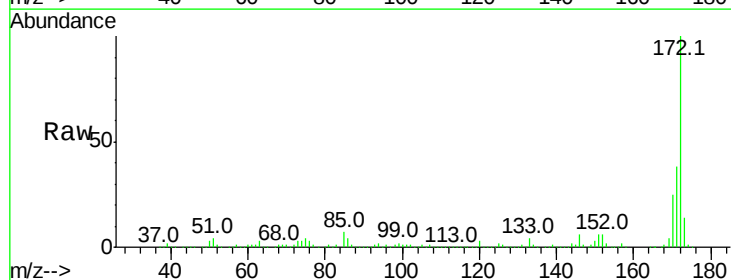


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

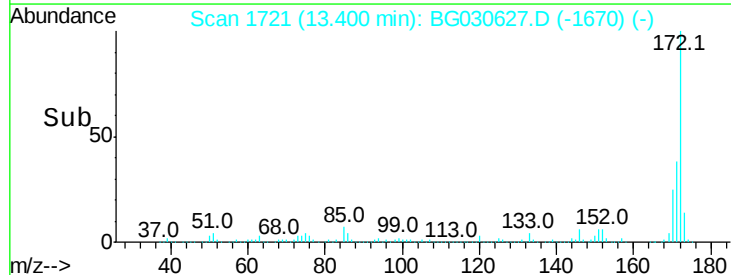
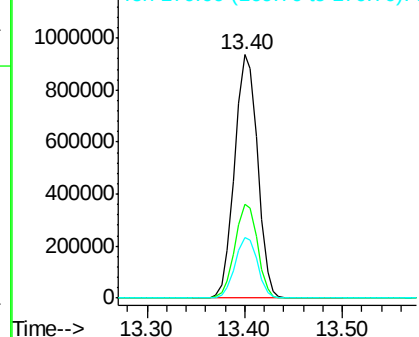


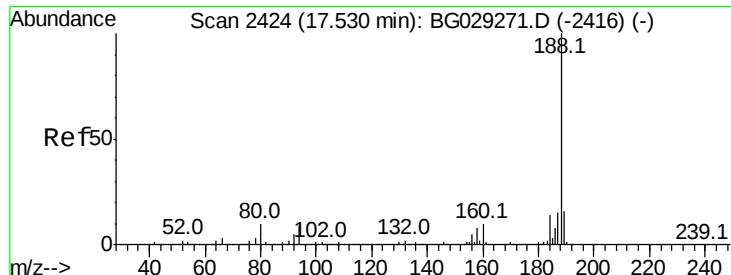
#44
 2-Fluorobiphenyl
 Concen: 99.138 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030627.D
 Acq: 1 Nov 2017 9:55

Tgt Ion:172 Resp: 1530821
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 25.1 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

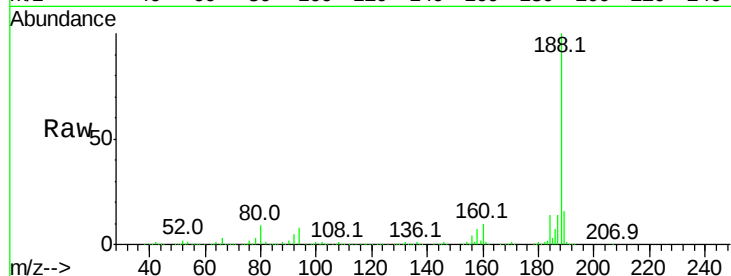




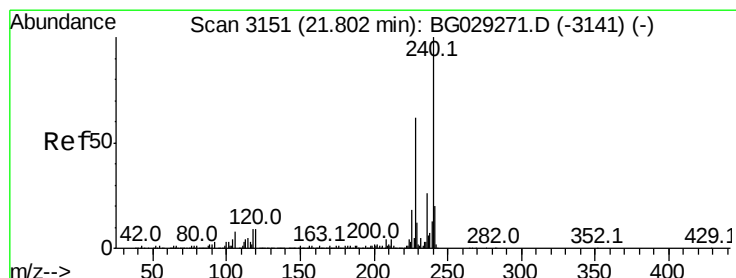
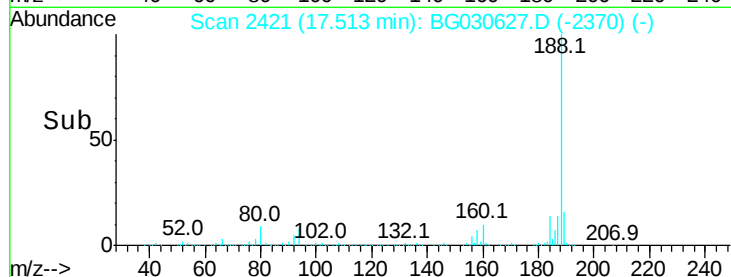
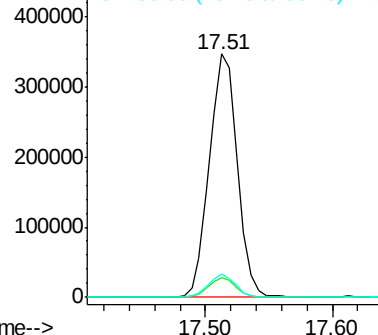
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG030627.D
Acq: 1 Nov 2017 9:55

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

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.4	7.7	11.5

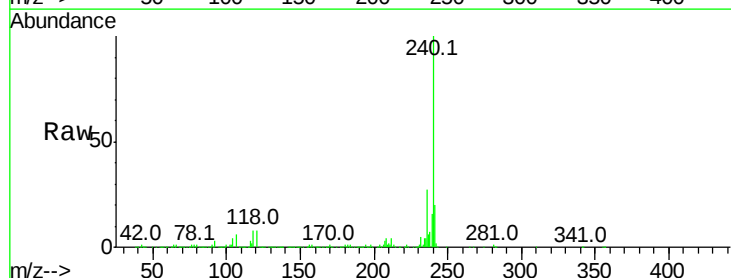


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

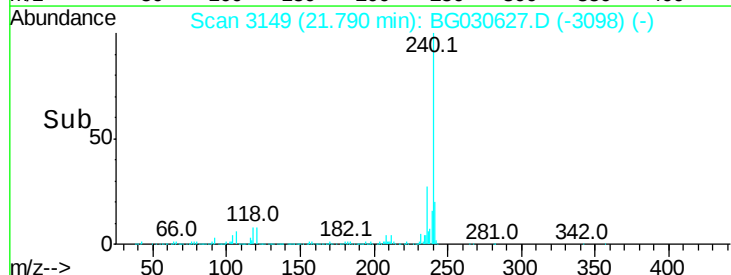
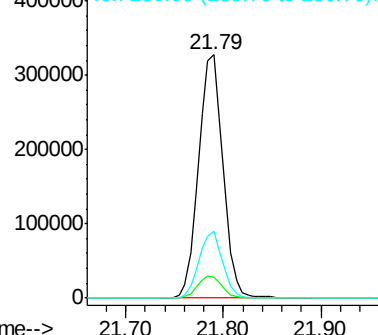


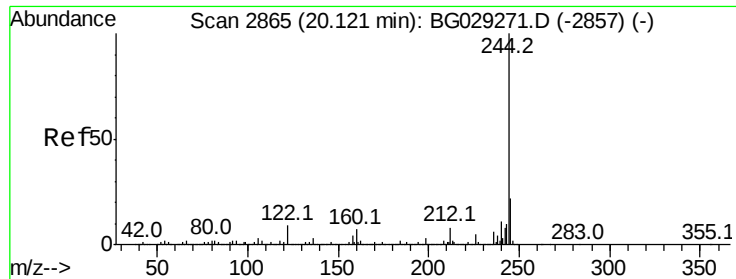
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG030627.D
Acq: 1 Nov 2017 9:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.8	10.2
236	27.3	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: 94.328 ng

RT: 20.11 min Scan# 2863

Delta R.T. 0.01 min

Lab File: BG030627.D

Acq: 1 Nov 2017 9:55

Instrument :

BNA_G

ClientSampleId :

EO-01-102717-A

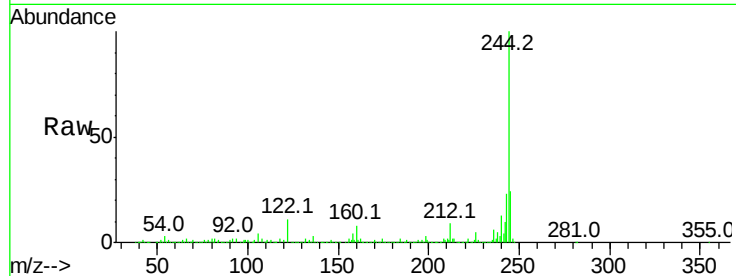
Tot Ion:244 Resp: 2355146

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

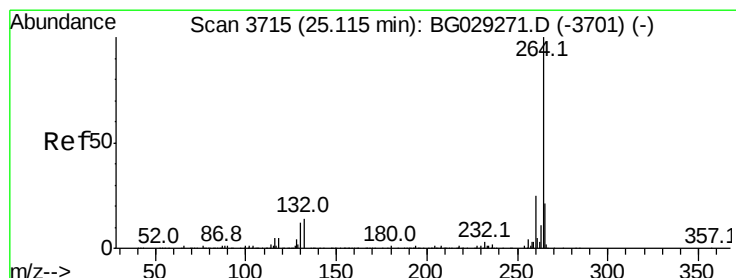
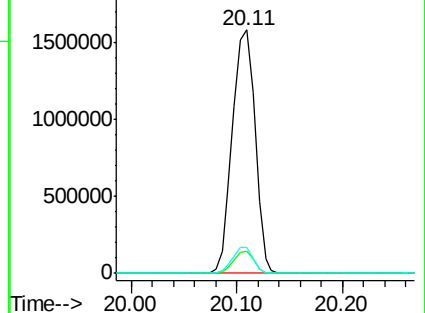
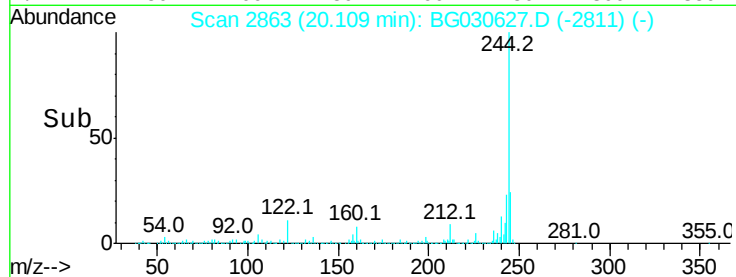
122 10.6 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. 0.00 min

Lab File: BG030627.D

Acq: 1 Nov 2017 9:55

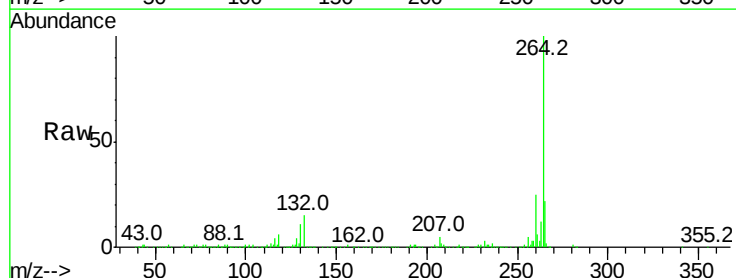
Tgt Ion:264 Resp: 570212

Ion Ratio Lower Upper

264 100

260 24.9 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

