

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031391.D
 Acq On : 7 Dec 2017 5:26
 Operator : SJ/JU
 Sample : I6683-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-120517-A

Quant Time: Dec 07 08:17:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	73820	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	310455	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	203729	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	522093	20.00	ng	0.00
75) Chrysene-d12	21.76	240	576803	20.00	ng	0.00
86) Perylene-d12	25.07	264	525791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	534611	124.18	ng	0.00
7) Phenol-d6	7.30	99	619256	106.77	ng	0.00
23) Nitrobenzene-d5	9.30	82	462307	88.24	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	337620	102.44	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1287542	90.81	ng	0.00
78) Terphenyl-d14	20.08	244	2234006	85.52	ng	0.00

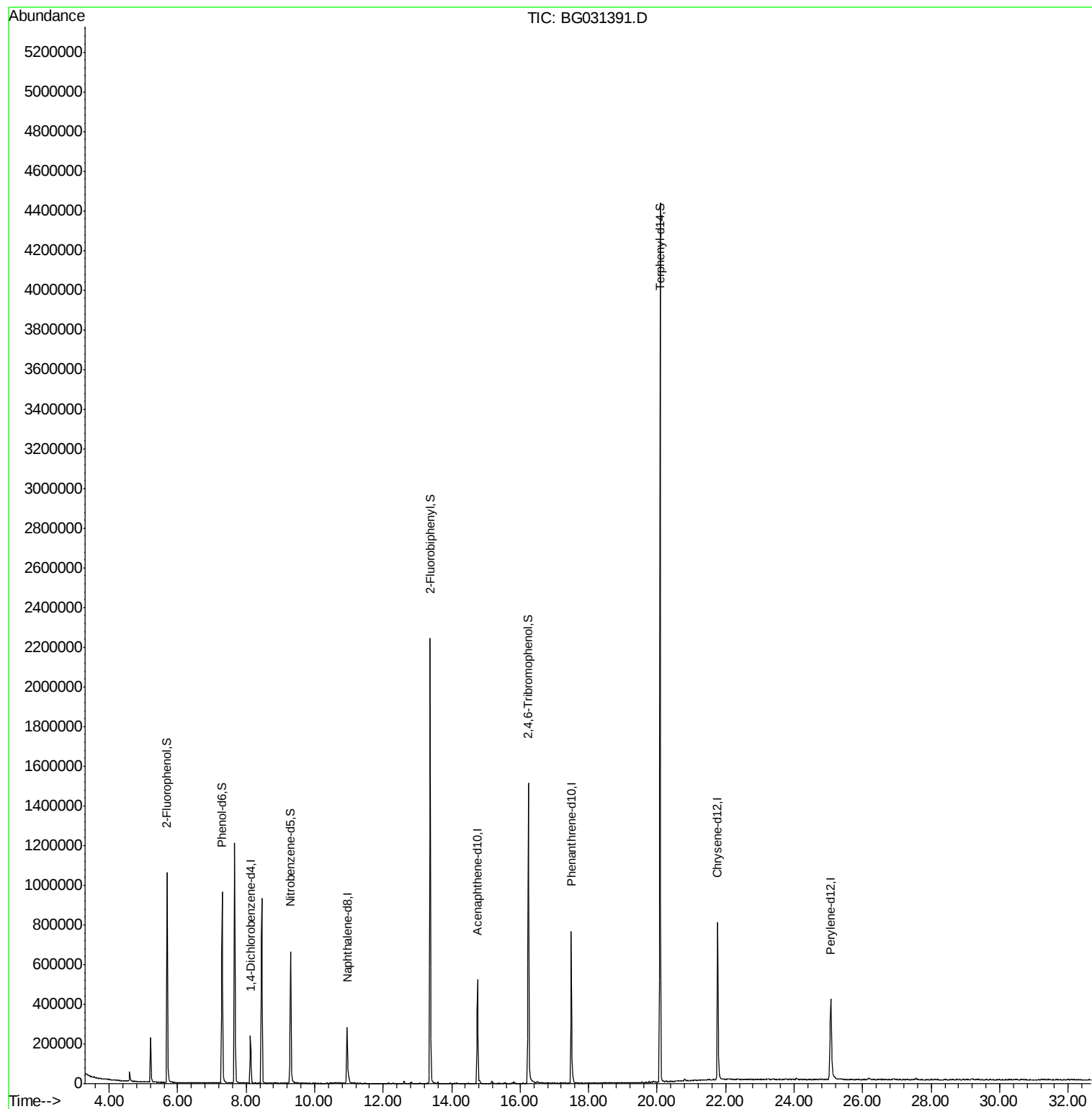
Target Compounds Qvalue

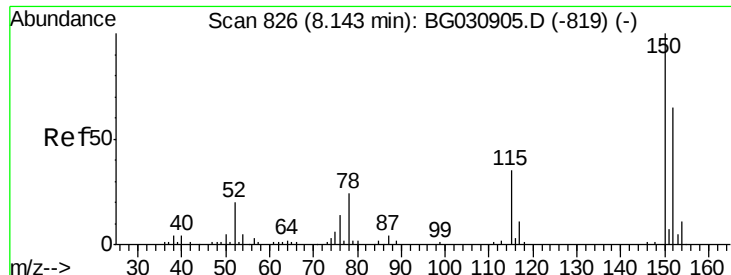
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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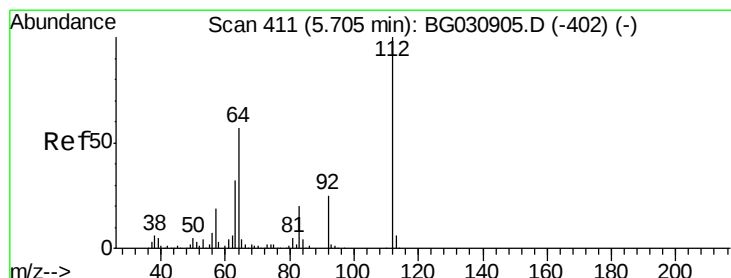
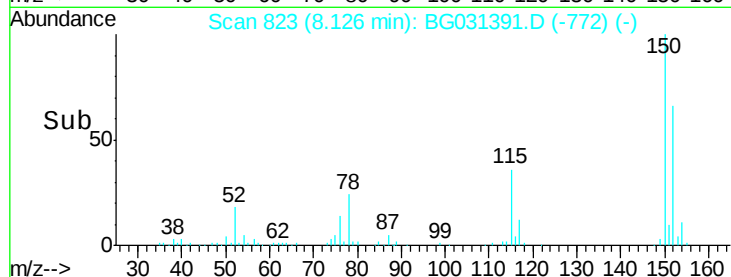
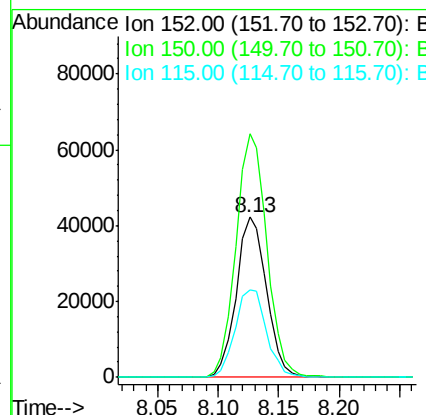
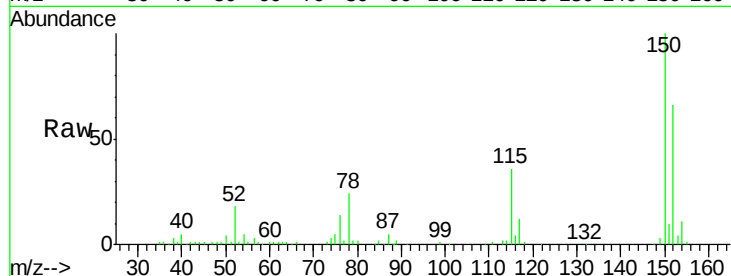


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031391.D
Acq: 7 Dec 2017 5:26

Instrument :
BNA_G
ClientSampleId :
EO-01-120517-A

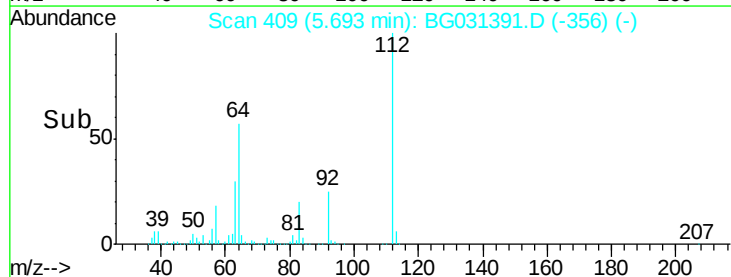
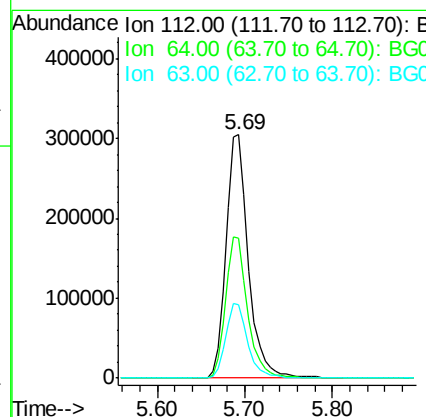
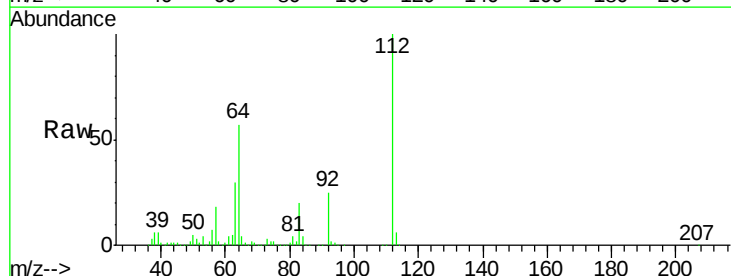
Tot Ion:152 Resp: 73820
Ion Ratio Lower Upper
152 100
150 152.0 126.6 189.8
115 54.3 53.0 79.4

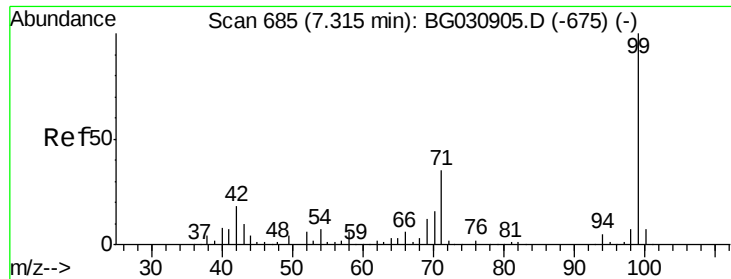


#5

2-Fluorophenol
Concen: 124.184 ng
RT: 5.69 min Scan# 409
Delta R.T. 0.01 min
Lab File: BG031391.D
Acq: 7 Dec 2017 5:26

Tgt Ion:112 Resp: 534611
Ion Ratio Lower Upper
112 100
64 57.3 56.3 84.5
63 30.3 30.1 45.1





#7

Phenol-d6

Concen: 106.773 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031391.D

Acq: 7 Dec 2017 5:26

Instrument :

BNA_G

ClientSampleId :

EO-01-120517-A

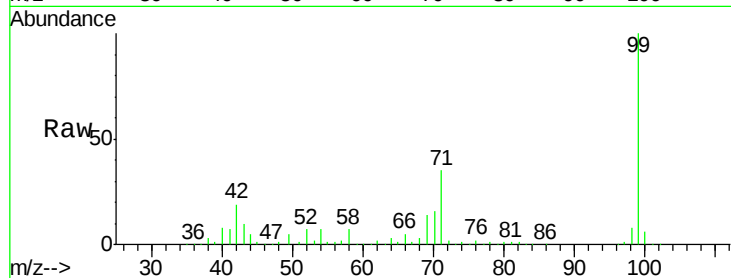
Tot Ion: 99 Resp: 619256

Ion Ratio Lower Upper

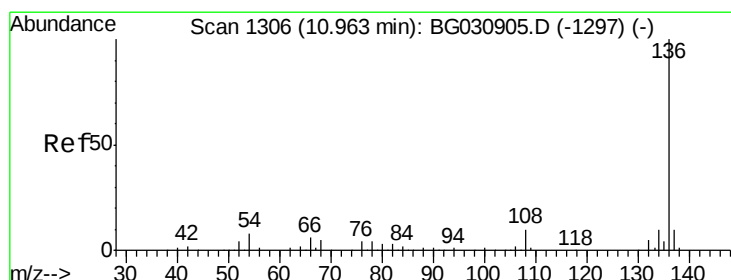
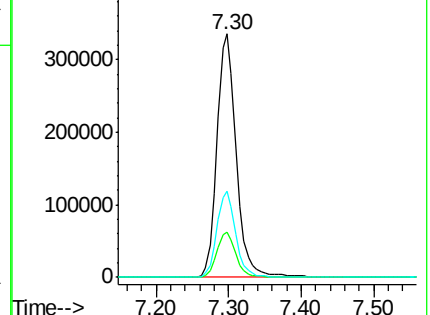
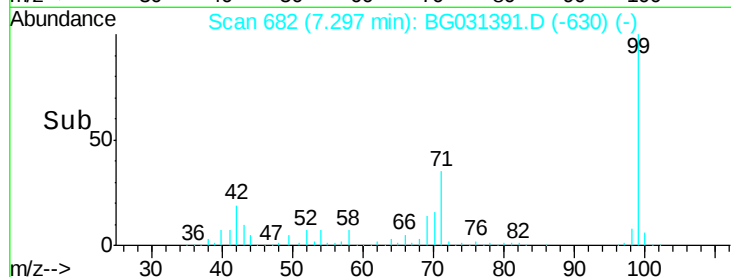
99 100

42 18.7 14.1 21.1

71 35.4 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: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031391.D

Acq: 7 Dec 2017 5:26

Tgt Ion: 136 Resp: 310455

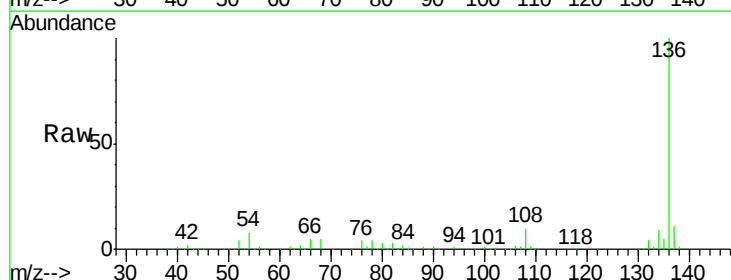
Ion Ratio Lower Upper

136 100

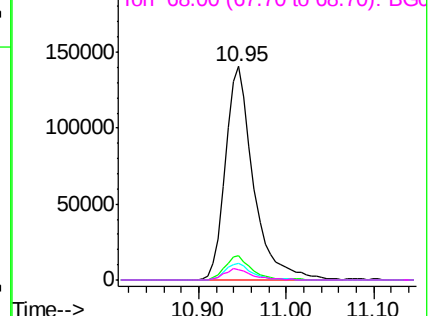
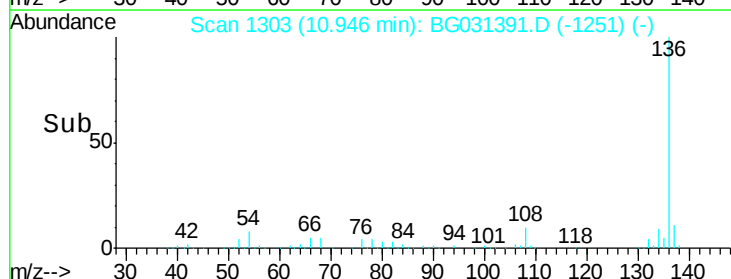
137 11.2 9.2 13.8

54 7.7 10.3 15.5#

68 4.8 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

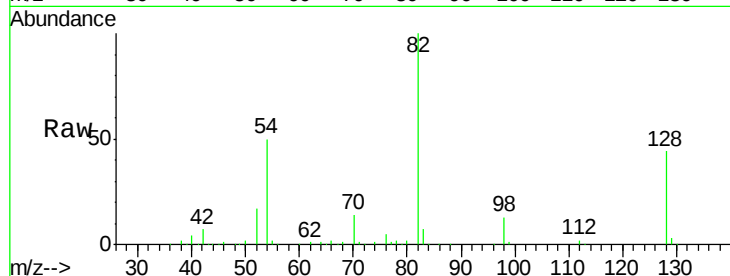




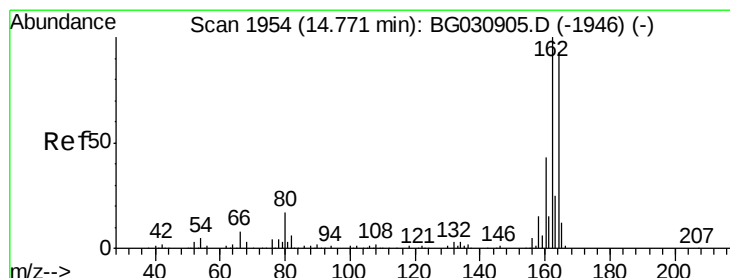
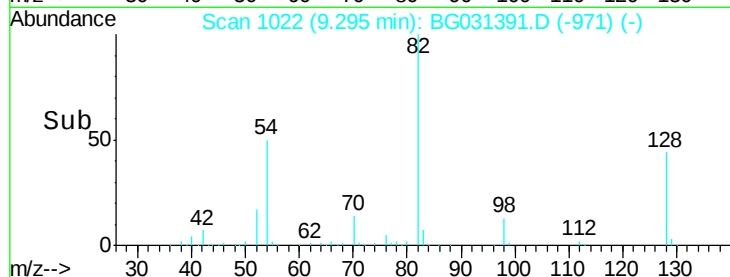
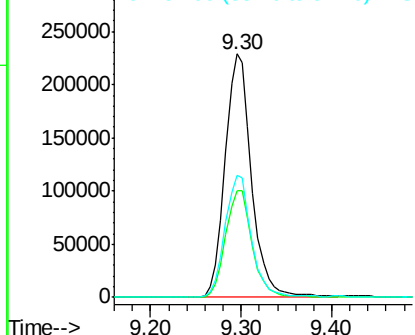
#23
Nitrobenzene-d5
Concen: 88.240 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031391.D
Acq: 7 Dec 2017 5:26

Instrument :
BNA_G
ClientSampleId :
EO-01-120517-A

Tot Ion	82	Resp	462307
Ion Ratio	100	Lower	Upper
128	44.0	29.7	44.5
54	50.3	43.1	64.7

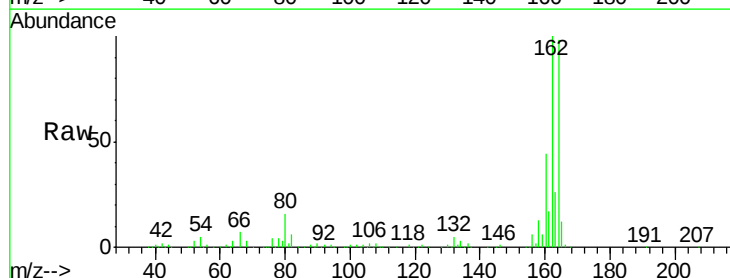


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

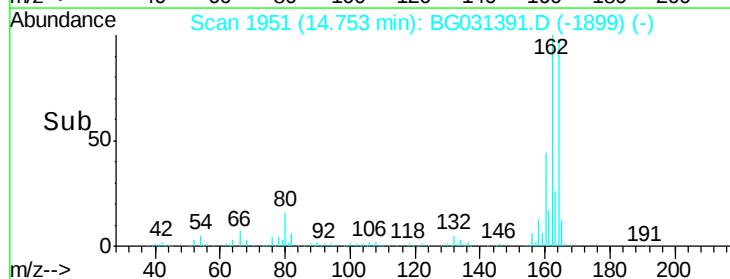
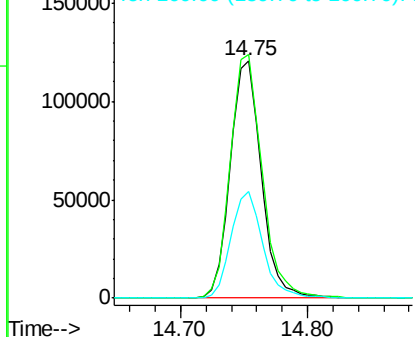


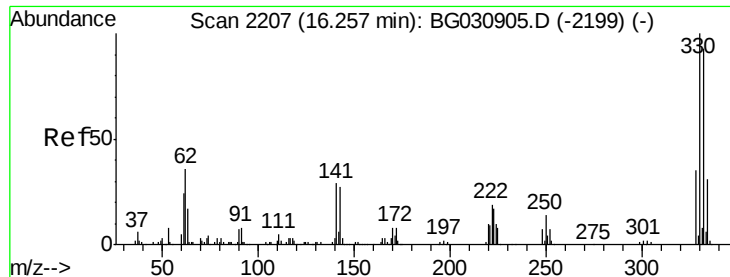
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031391.D
Acq: 7 Dec 2017 5:26

Tgt Ion	164	Resp	203729
Ion Ratio	100	Lower	Upper
162	102.4	78.8	118.2
160	44.6	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

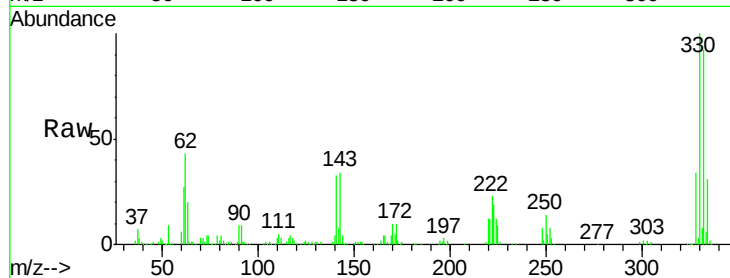




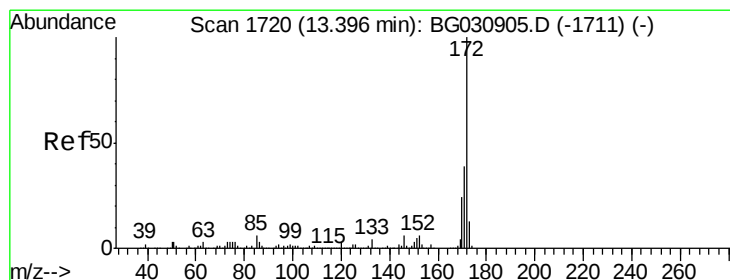
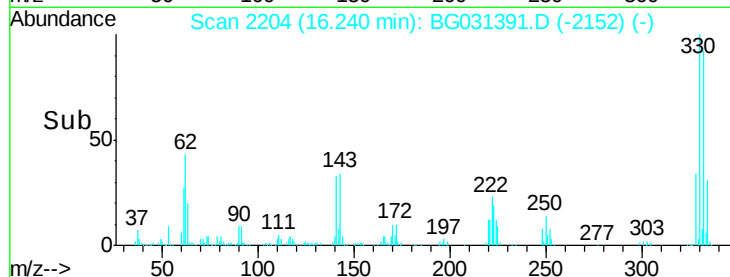
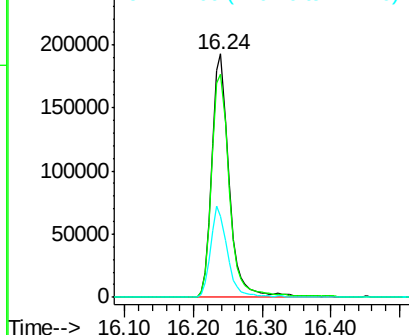
#41
 2,4,6-Tribromophenol
 Concen: 102.443 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031391.D
 Acq: 7 Dec 2017 5:26

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-120517-A

Tot Ion:330 Resp: 337620
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.0 115.6
 141 36.8 25.2 37.8

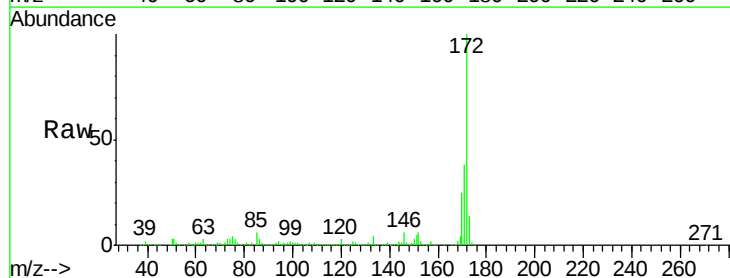


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

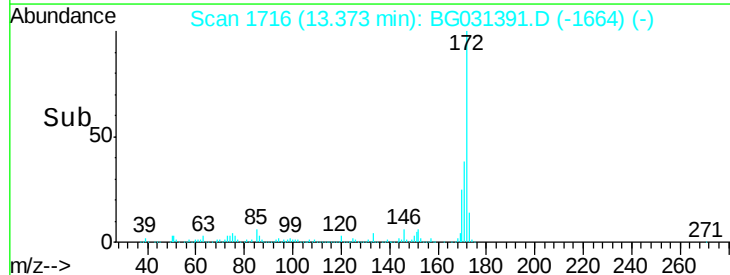
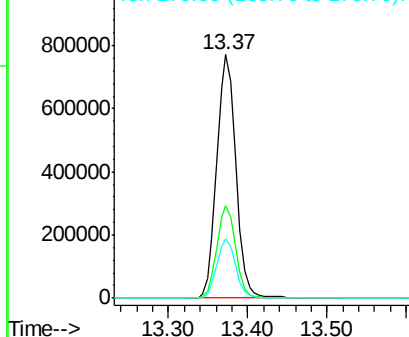


#44
 2-Fluorobiphenyl
 Concen: 90.810 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031391.D
 Acq: 7 Dec 2017 5:26

Tgt Ion:172 Resp: 1287542
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 24.6 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

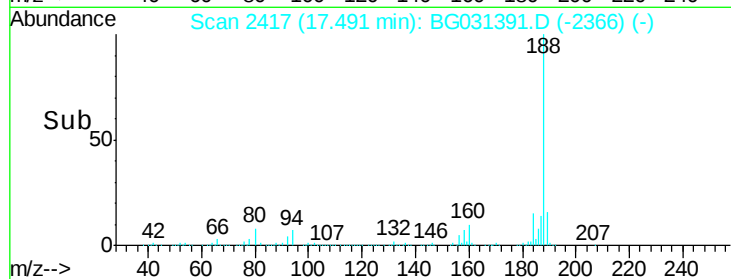
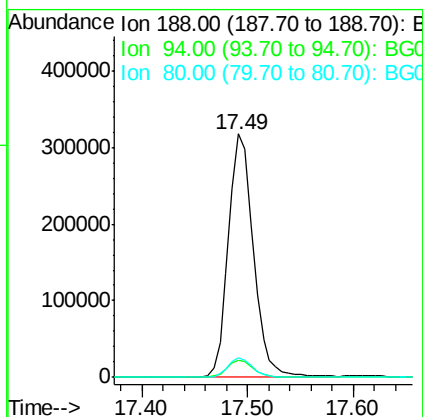
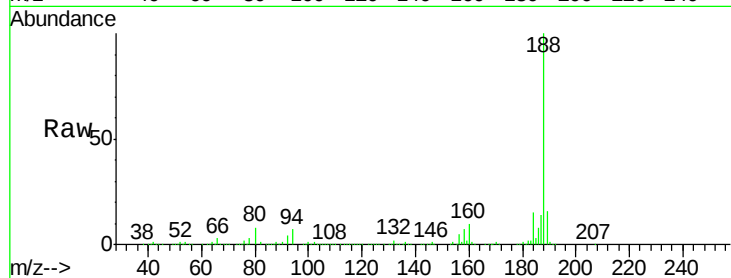




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031391.D
Acq: 7 Dec 2017 5:26

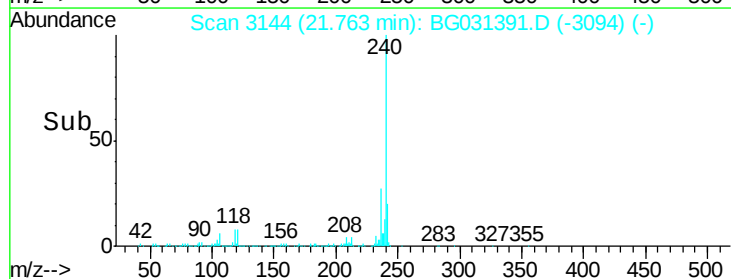
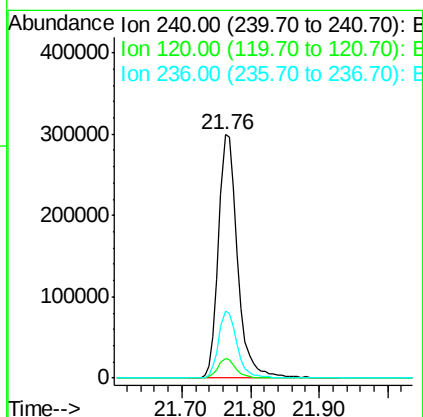
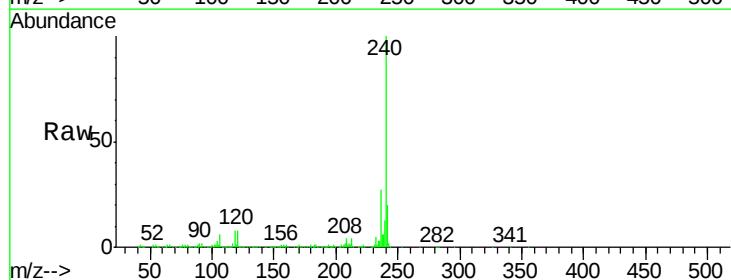
Instrument :
BNA_G
ClientSampleId :
EO-01-120517-A

Tot Ion:188 Resp: 522093
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG031391.D
Acq: 7 Dec 2017 5:26

Tgt Ion:240 Resp: 576803
Ion Ratio Lower Upper
240 100
120 8.1 6.8 10.2
236 27.5 20.9 31.3





#78

Terphenyl-d14

Concen: 85.521 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031391.D

Acq: 7 Dec 2017 5:26

Instrument :

BNA_G

ClientSampleId :

EO-01-120517-A

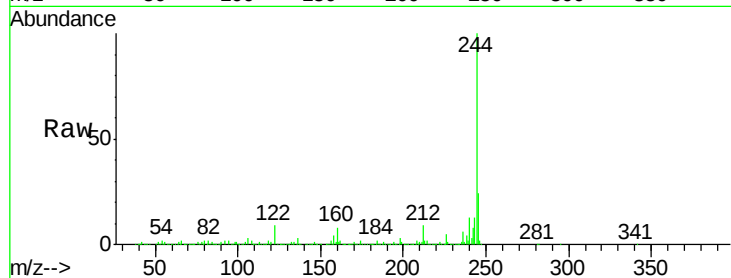
Tot Ion:244 Resp: 2234006

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

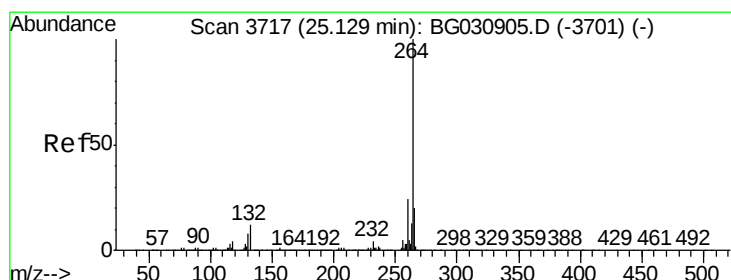
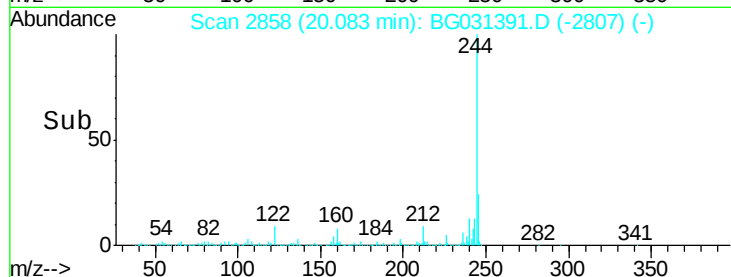
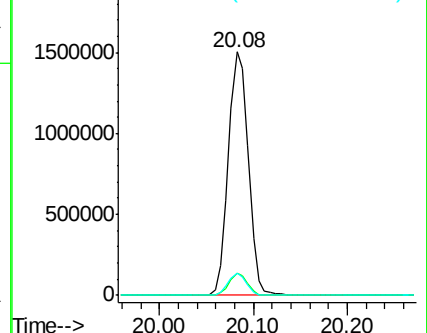
122 9.2 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BG031391.D

Acq: 7 Dec 2017 5:26

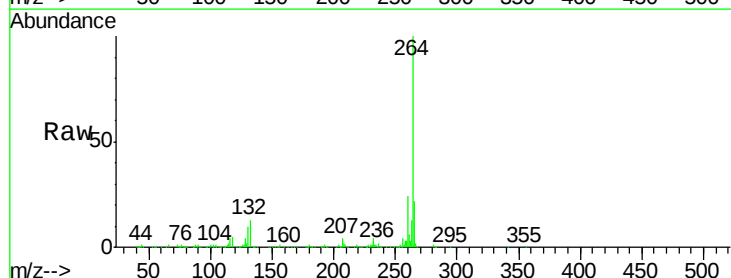
Tgt Ion:264 Resp: 525791

Ion Ratio Lower Upper

264 100

260 24.5 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

