

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028742.D
 Acq On : 14 Sep 2017 21:20
 Operator : SJ/JU
 Sample : I5216-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-091217-A

Quant Time: Sep 15 08:57:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	27727	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	105190	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	76909	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	227406	20.00	ng	0.00
75) Chrysene-d12	22.02	240	274230	20.00	ng	0.00
86) Perylene-d12	25.52	264	270756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	196817	117.13	ng	0.00
7) Phenol-d6	7.48	99	219827	86.89	ng	0.00
23) Nitrobenzene-d5	9.50	82	196343	89.29	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	188592	148.26	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	510534	88.51	ng	0.00
78) Terphenyl-d14	20.28	244	1163368	90.47	ng	0.00

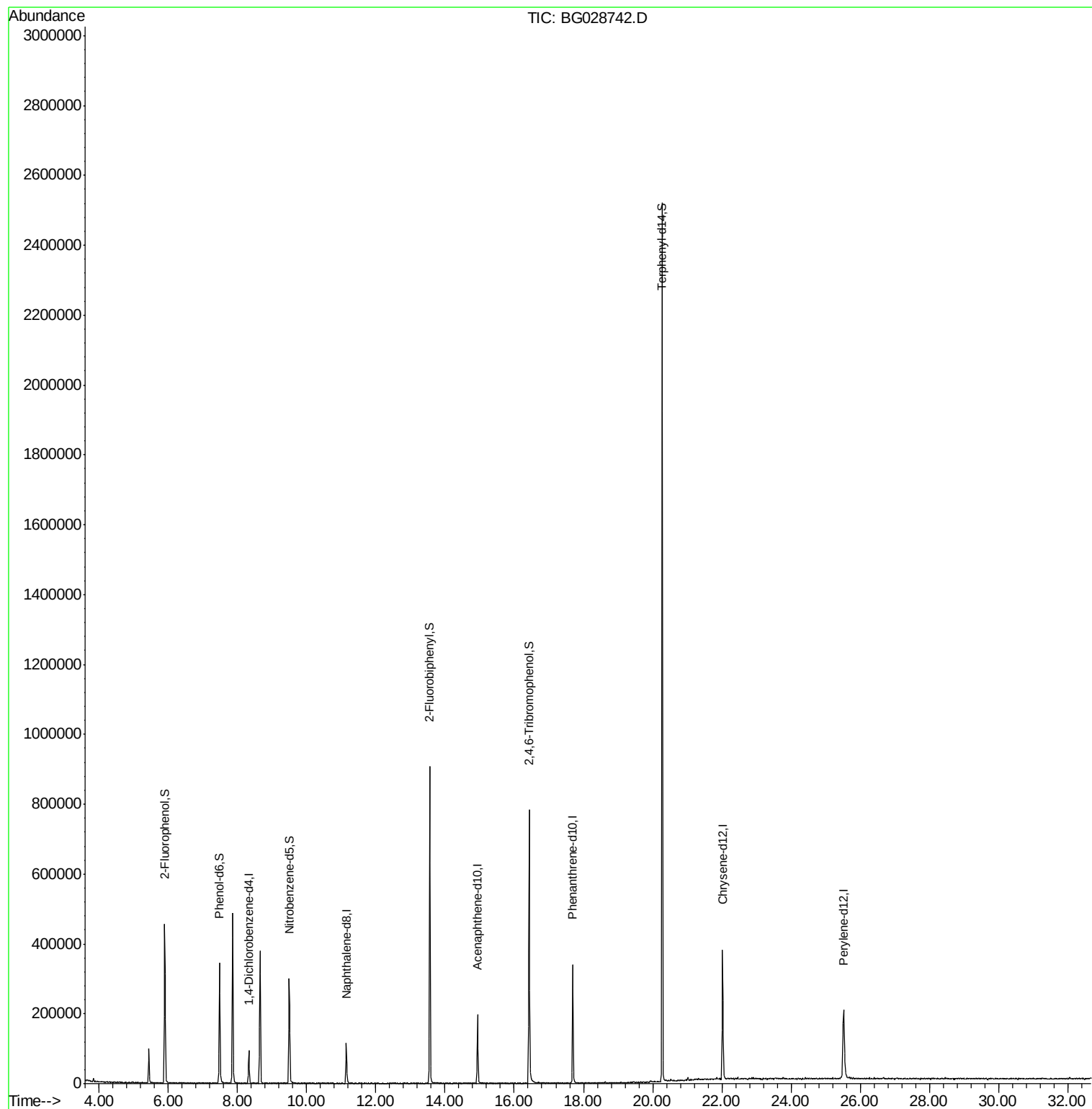
Target Compounds Qvalue

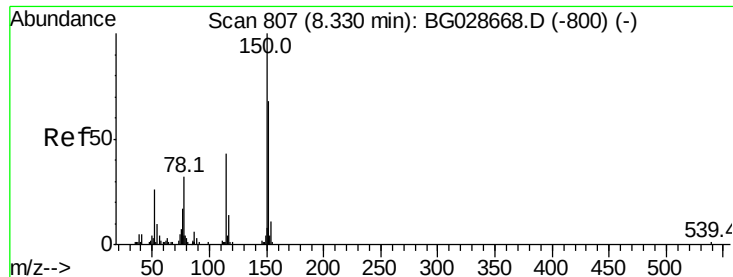
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. 0.00 min

Lab File: BG028742.D

Acq: 14 Sep 2017 21:20

Instrument :

BNA_G

ClientSampleId :

EO-02-091217-A

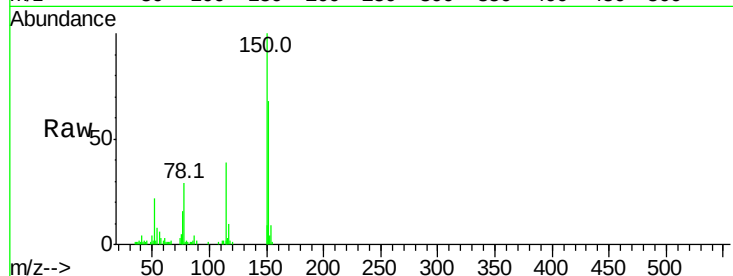
Tot Ion:152 Resp: 27727

Ion Ratio Lower Upper

152 100

150 146.0 114.0 171.0

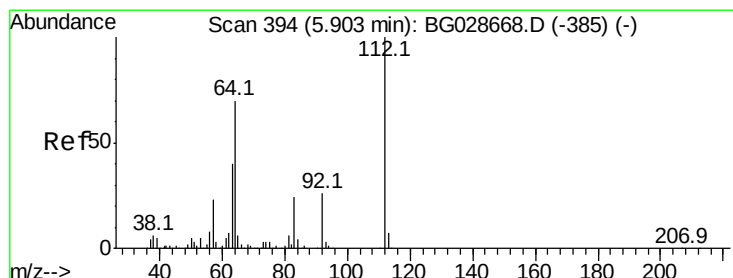
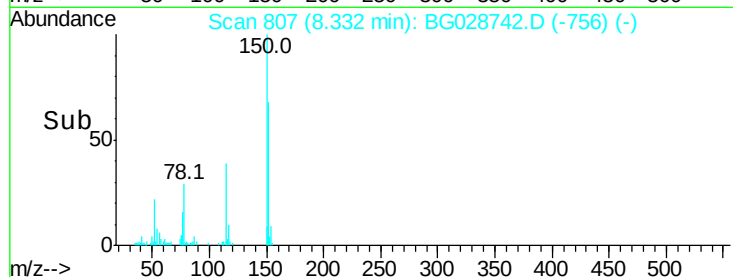
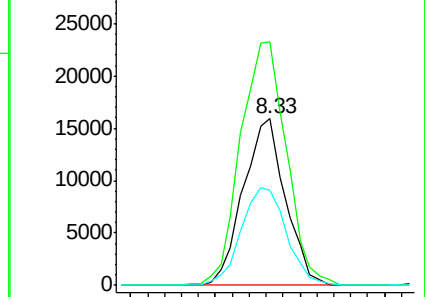
115 56.9 48.1 72.1



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: 117.127 ng

RT: 5.91 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028742.D

Acq: 14 Sep 2017 21:20

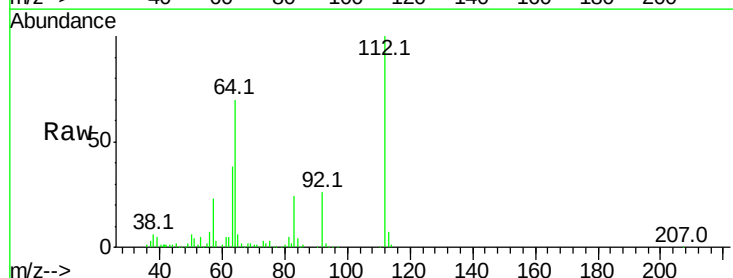
Tgt Ion:112 Resp: 196817

Ion Ratio Lower Upper

112 100

64 69.7 61.8 92.6

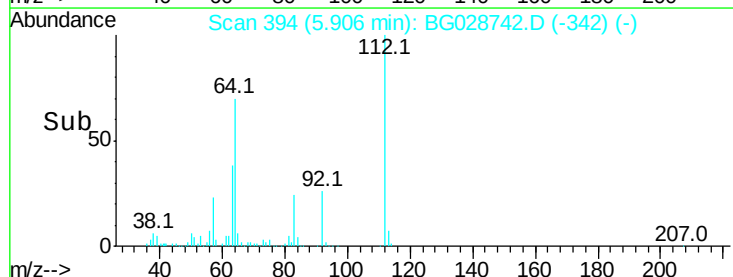
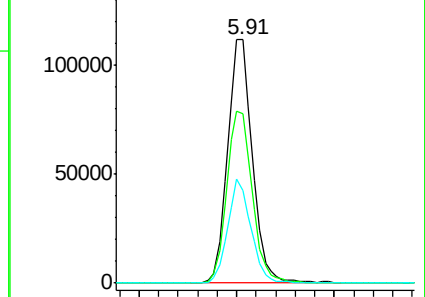
63 38.0 37.2 55.8

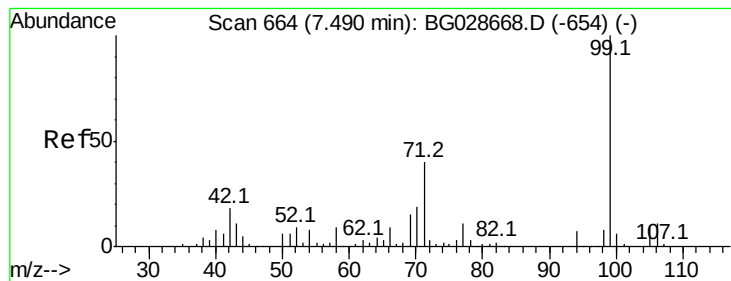


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 86.888 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028742.D

Acq: 14 Sep 2017 21:20

Instrument :

BNA_G

ClientSampleId :

EO-02-091217-A

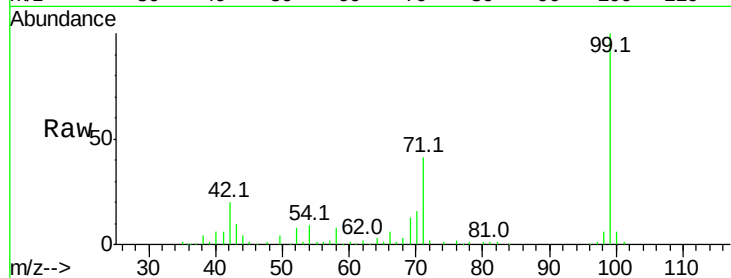
Tot Ion: 99 Resp: 219827

Ion Ratio Lower Upper

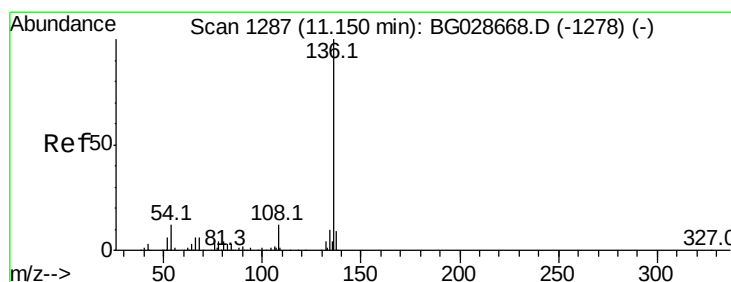
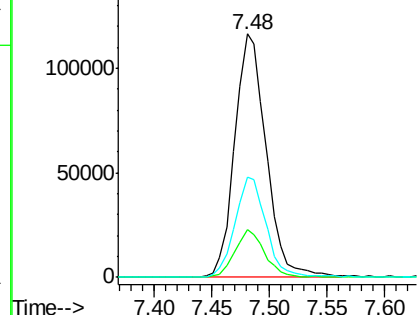
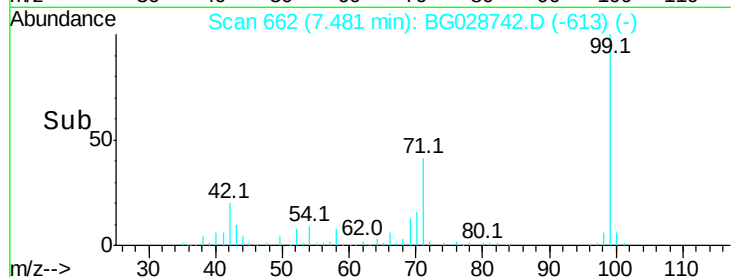
99 100

42 19.6 20.5 30.7#

71 41.1 37.6 56.4



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: 11.15 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG028742.D

Acq: 14 Sep 2017 21:20

Tgt Ion: 136 Resp: 105190

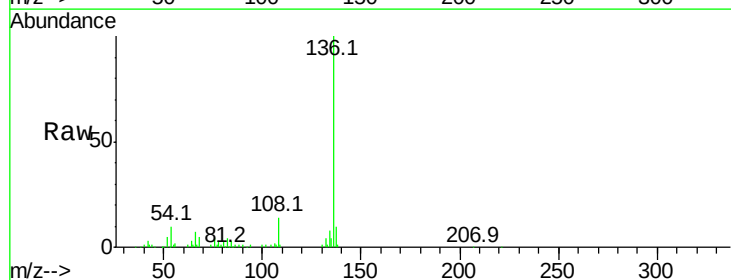
Ion Ratio Lower Upper

136 100

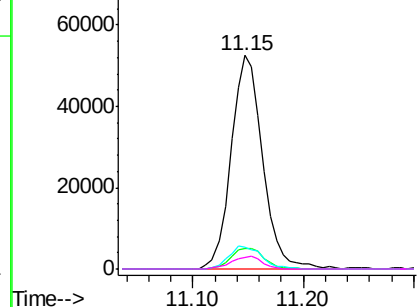
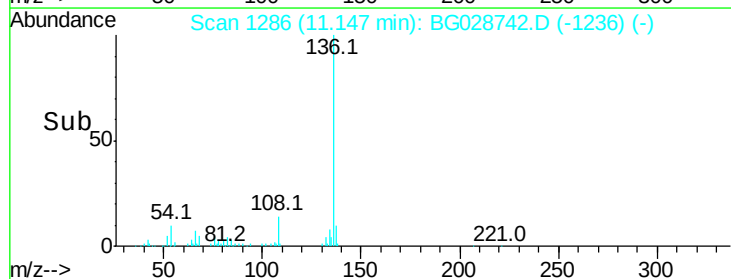
137 9.7 8.9 13.3

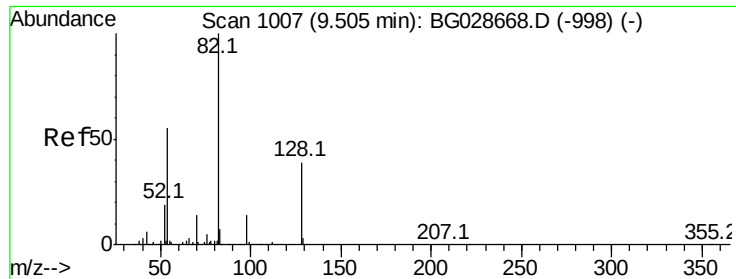
54 10.5 9.3 13.9

68 5.4 5.1 7.7



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: 89.291 ng

RT: 9.50 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BG028742.D

Acq: 14 Sep 2017 21:20

Instrument :

BNA_G

ClientSampleId :

EO-02-091217-A

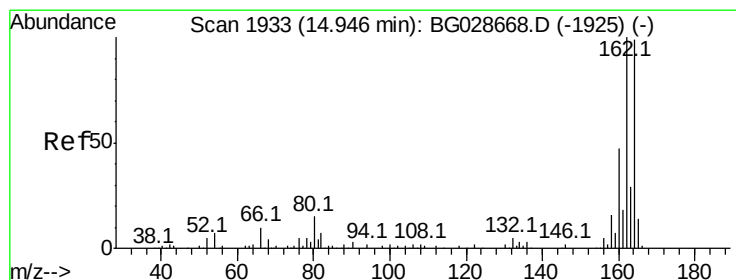
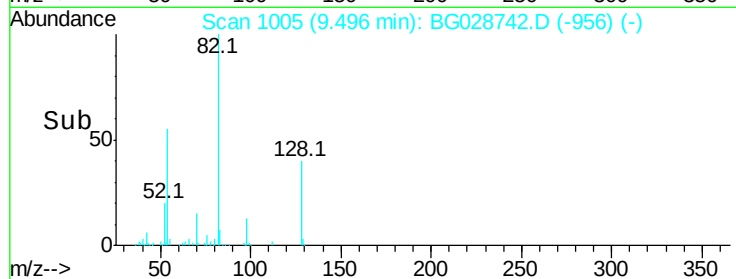
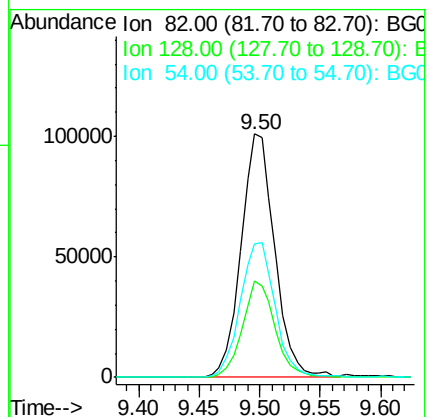
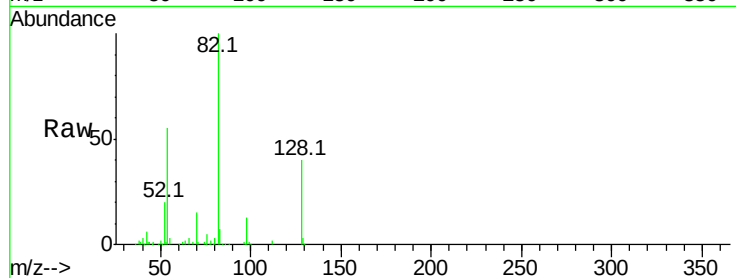
Tot Ion: 82 Resp: 196343

Ion Ratio Lower Upper

82 100

128 39.6 26.4 39.6

54 54.8 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG028742.D

Acq: 14 Sep 2017 21:20

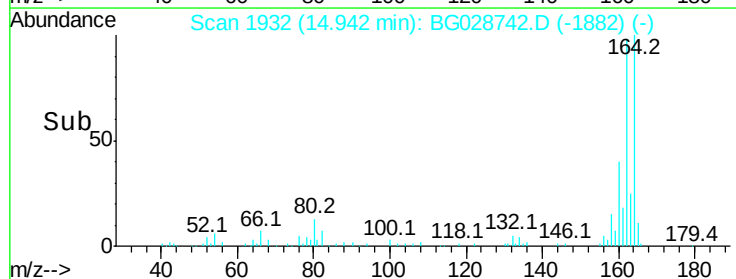
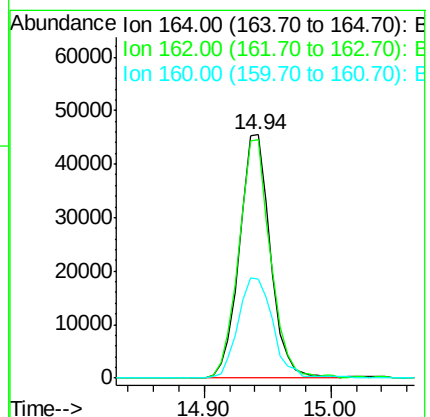
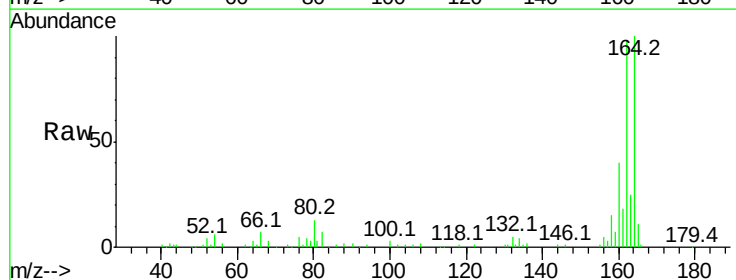
Tgt Ion: 164 Resp: 76909

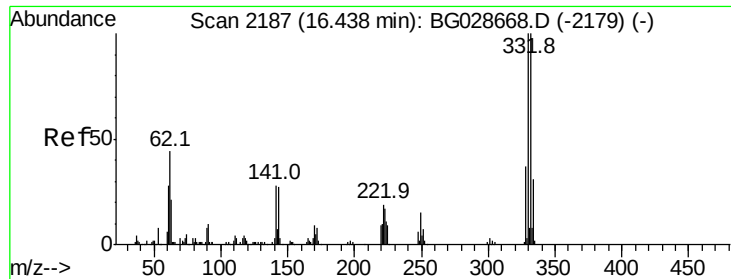
Ion Ratio Lower Upper

164 100

162 98.1 85.1 127.7

160 40.5 34.7 52.1

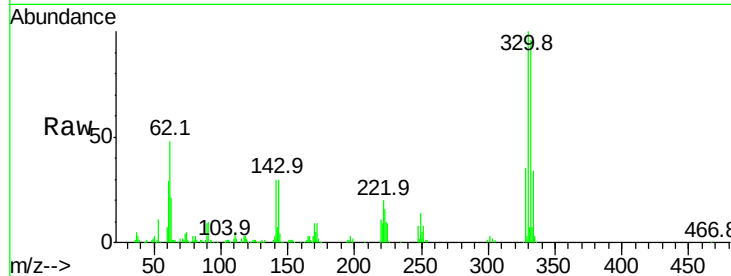




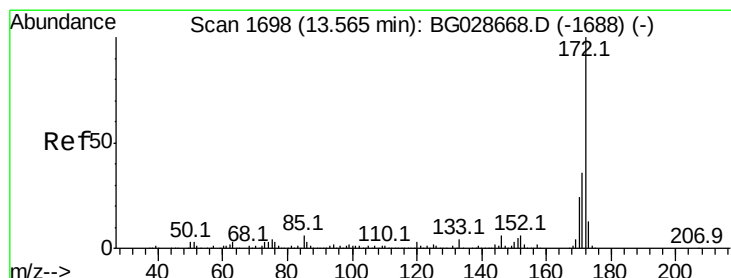
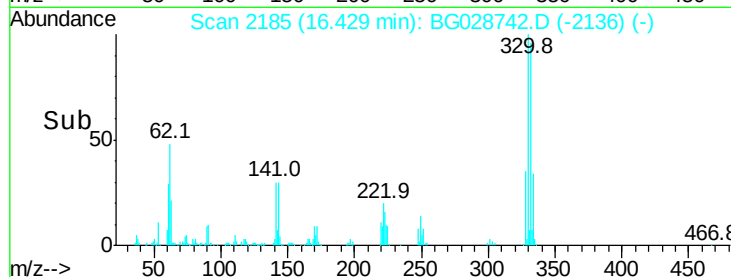
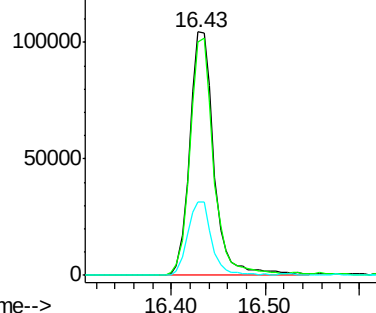
#41
2,4,6-Tribromophenol
Concen: 148.261 ng
RT: 16.43 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG028742.D
Acq: 14 Sep 2017 21:20

Instrument :
BNA_G
ClientSampleId :
EO-02-091217-A

Tot Ion:330 Resp: 188592
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 29.9 32.1 48.1#

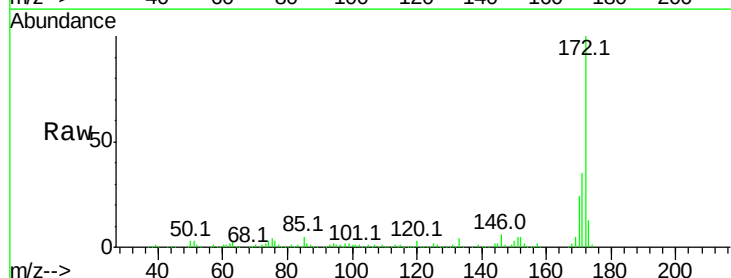


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

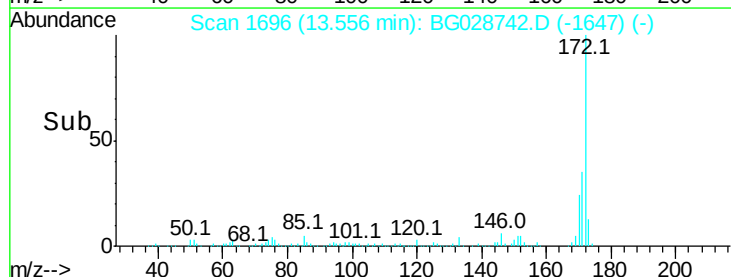
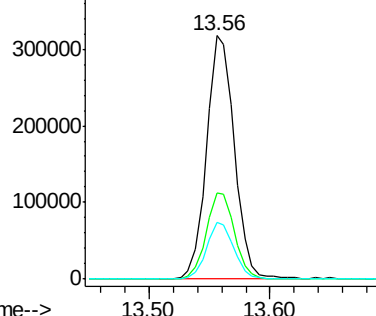


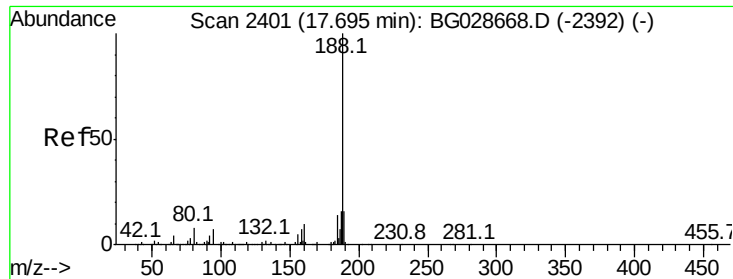
#44
2-Fluorobiphenyl
Concen: 88.515 ng
RT: 13.56 min Scan# 1696
Delta R.T. -0.01 min
Lab File: BG028742.D
Acq: 14 Sep 2017 21:20

Tgt Ion:172 Resp: 510534
Ion Ratio Lower Upper
172 100
171 35.3 32.2 48.2
170 23.5 21.8 32.6



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: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028742.D

Acq: 14 Sep 2017 21:20

Instrument :

BNA_G

ClientSampleId :

EO-02-091217-A

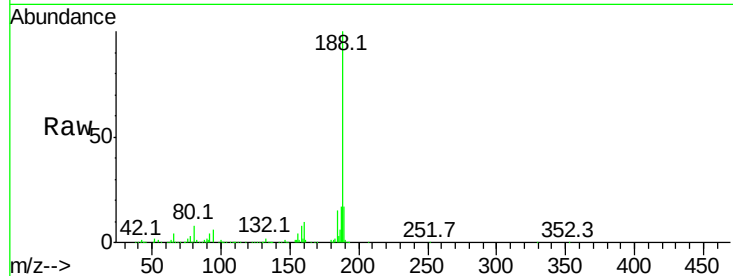
Tot Ion:188 Resp: 227406

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.8

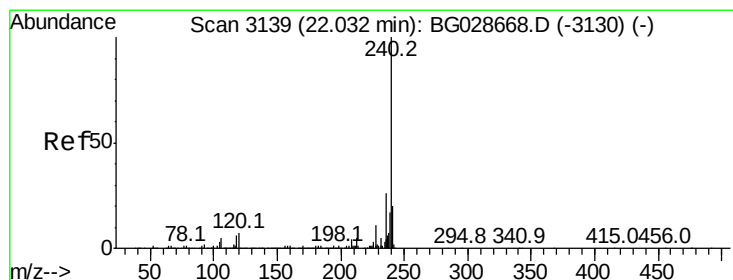
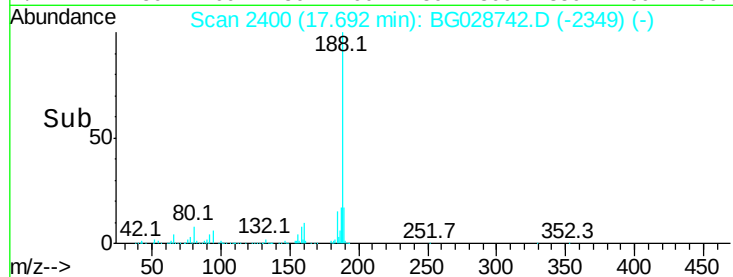
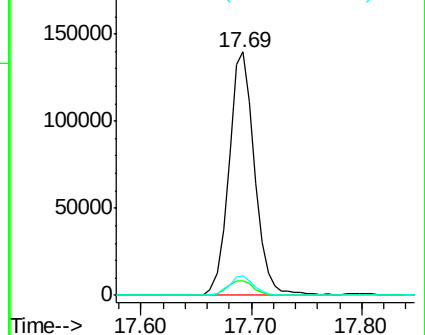
80 7.9 7.5 11.3



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: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028742.D

Acq: 14 Sep 2017 21:20

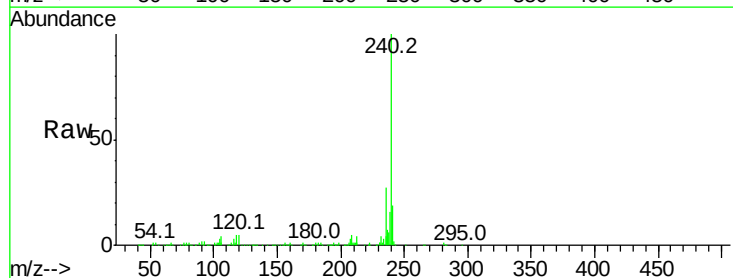
Tgt Ion:240 Resp: 274230

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

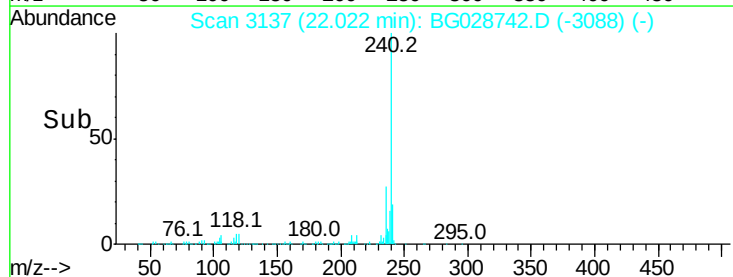
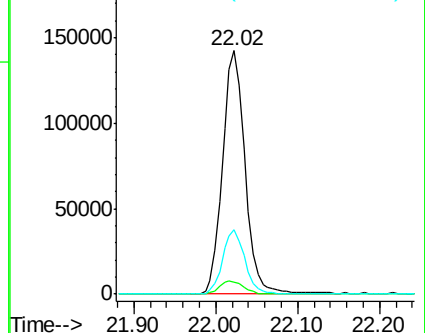
236 26.7 22.2 33.4

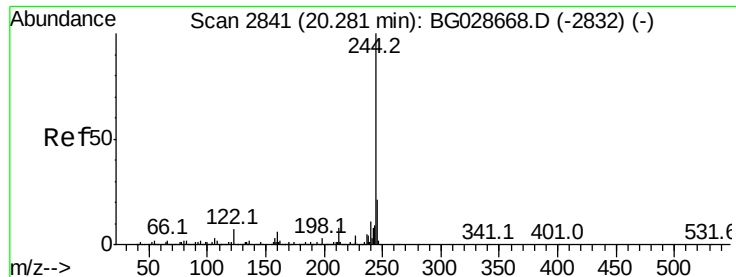


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.470 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028742.D

Acq: 14 Sep 2017 21:20

Instrument :

BNA_G

ClientSampleId :

EO-02-091217-A

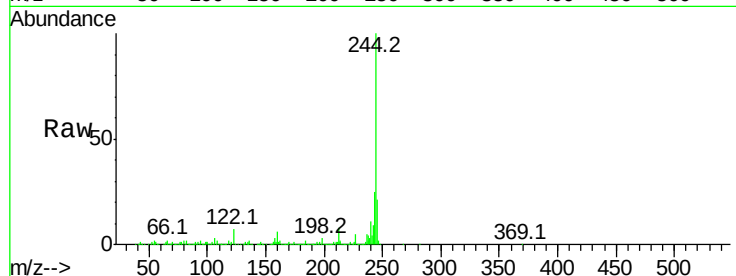
Tot Ion:244 Resp: 1163368

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

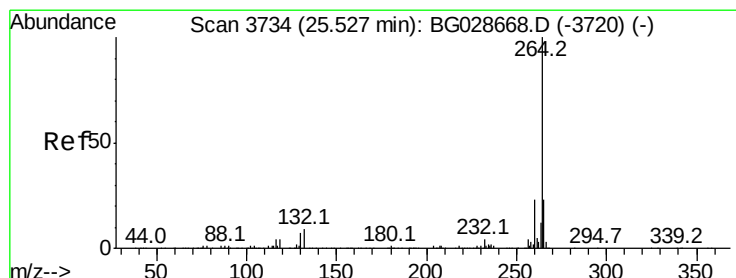
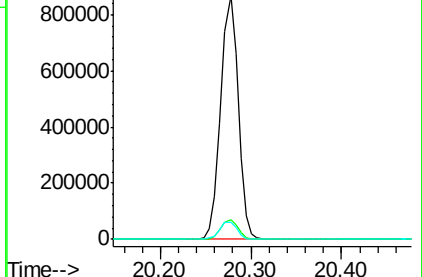
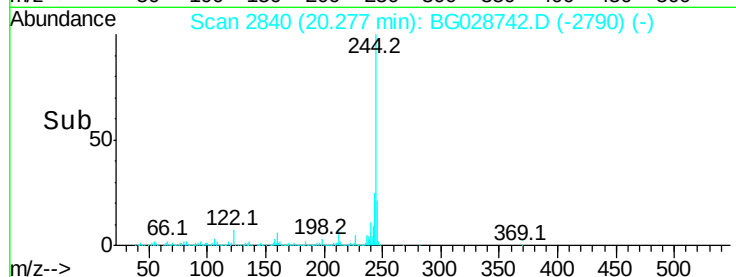
122 6.8 8.6 12.8#



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: 25.52 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028742.D

Acq: 14 Sep 2017 21:20

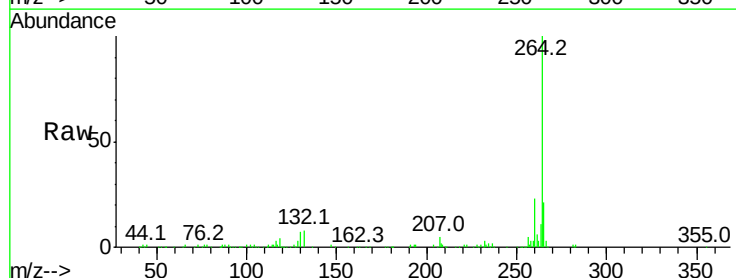
Tgt Ion:264 Resp: 270756

Ion Ratio Lower Upper

264 100

260 22.6 21.8 32.8

265 20.7 18.2 27.4



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

