

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028739.D
 Acq On : 14 Sep 2017 19:21
 Operator : SJ/JU
 Sample : I5216-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 15 07:51:20 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	22807	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	88830	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	69444	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	235637	20.00	ng	0.00
75) Chrysene-d12	22.02	240	285439	20.00	ng	0.00
86) Perylene-d12	25.52	264	291078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	185304	134.06	ng	0.00
7) Phenol-d6	7.48	99	211201	101.49	ng	0.00
23) Nitrobenzene-d5	9.50	82	180876	97.41	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	204550	178.09	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	464521	89.19	ng	0.00
78) Terphenyl-d14	20.28	244	1242366	92.82	ng	0.00

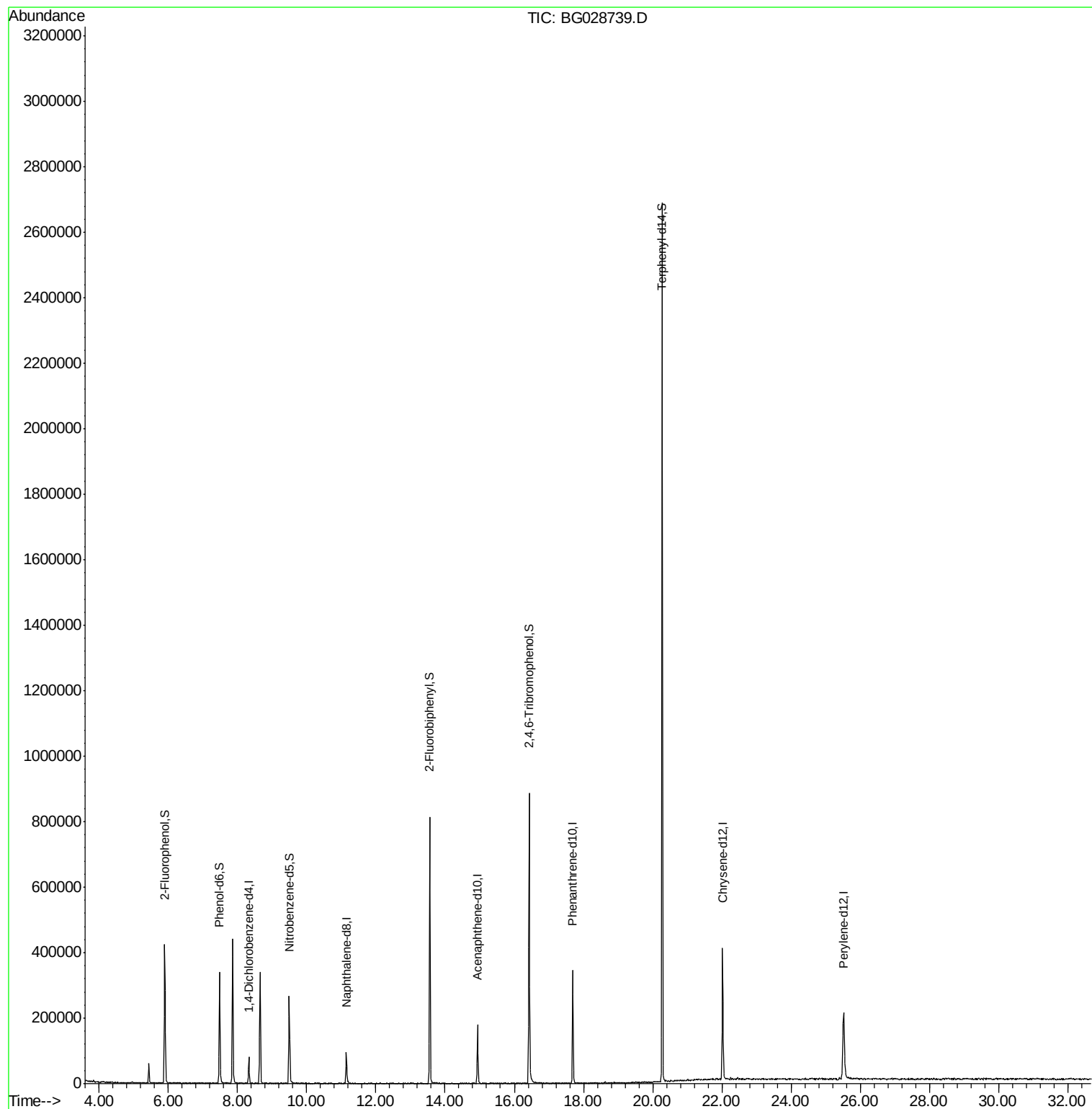
Target Compounds Qvalue

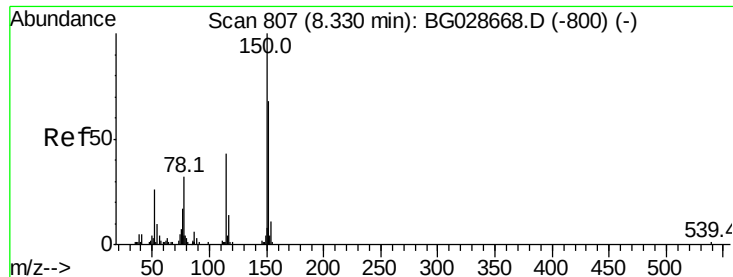
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG028739.D

Acq: 14 Sep 2017 19:21

Instrument :

BNA_G

ClientSampleId :

EO-02-091217-B

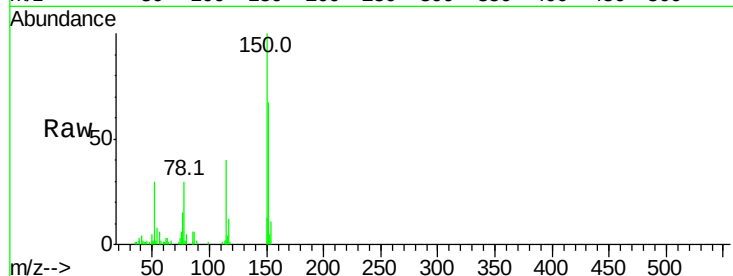
Tot Ion:152 Resp: 22807

Ion Ratio Lower Upper

152 100

150 148.4 114.0 171.0

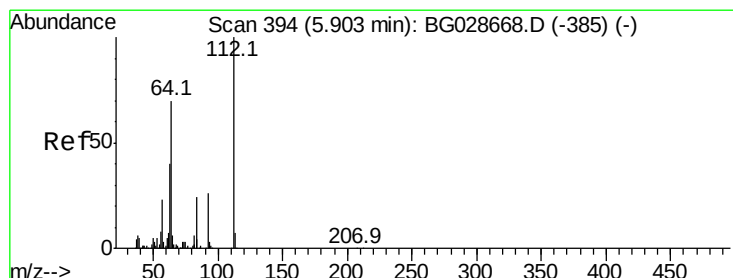
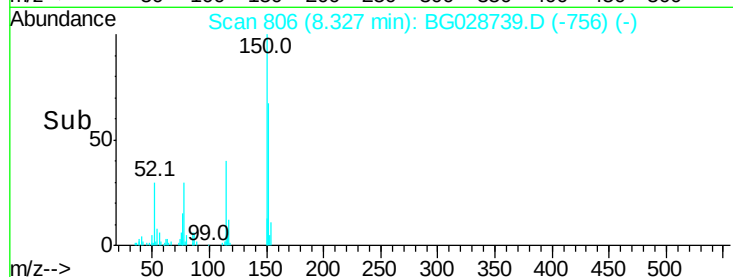
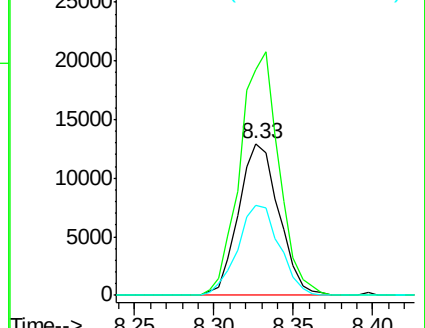
115 59.3 48.1 72.1



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: 134.064 ng

RT: 5.90 min Scan# 393

Delta R.T. -0.00 min

Lab File: BG028739.D

Acq: 14 Sep 2017 19:21

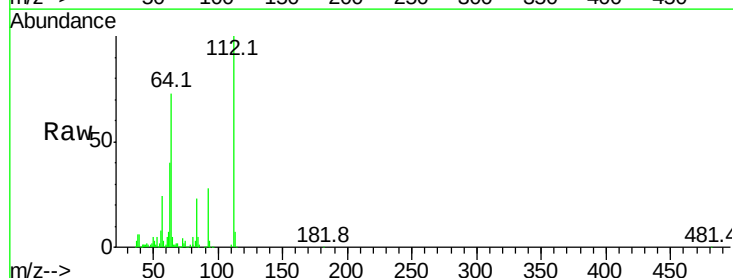
Tgt Ion:112 Resp: 185304

Ion Ratio Lower Upper

112 100

64 72.8 61.8 92.6

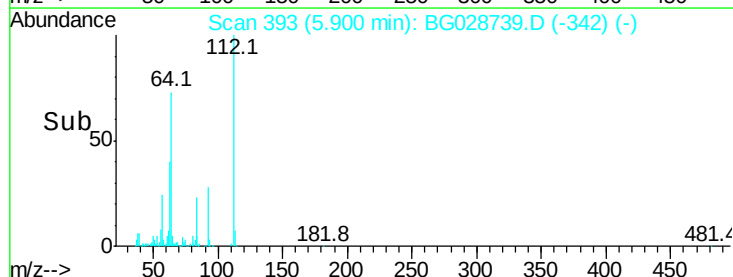
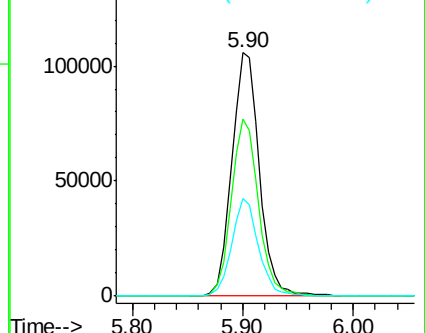
63 40.4 37.2 55.8

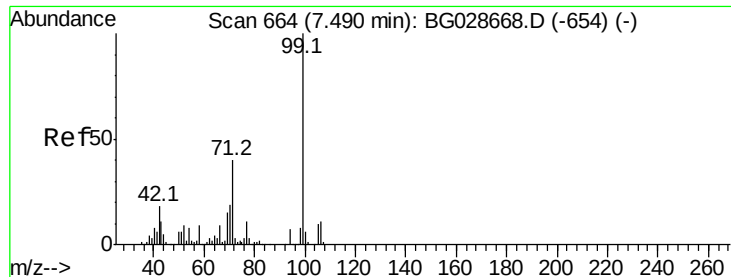


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 101.487 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028739.D

Acq: 14 Sep 2017 19:21

Instrument :

BNA_G

ClientSampleId :

EO-02-091217-B

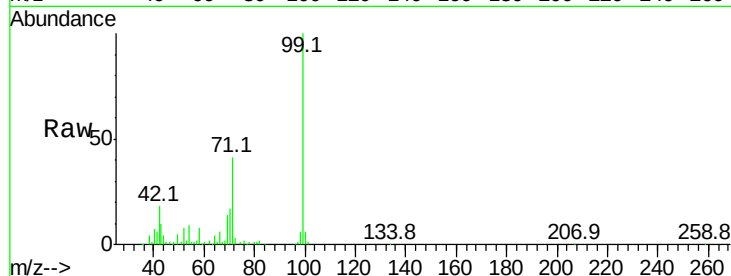
Tot Ion: 99 Resp: 211201

Ion Ratio Lower Upper

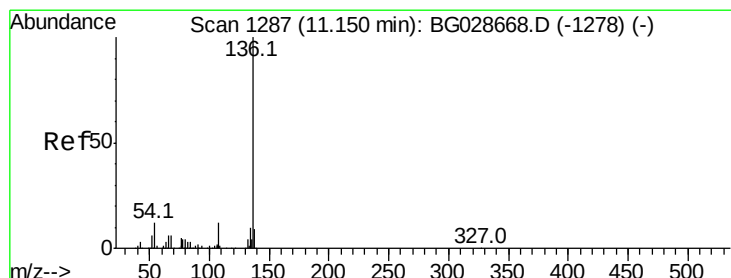
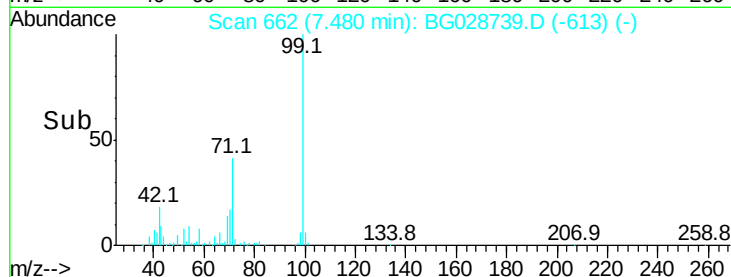
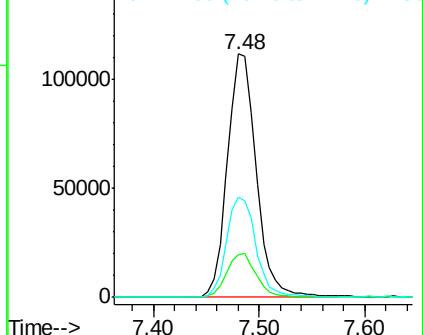
99 100

42 17.7 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: BG028739.D

Acq: 14 Sep 2017 19:21

Tgt Ion: 136 Resp: 88830

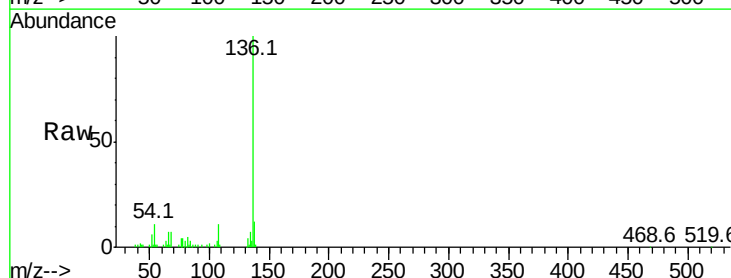
Ion Ratio Lower Upper

136 100

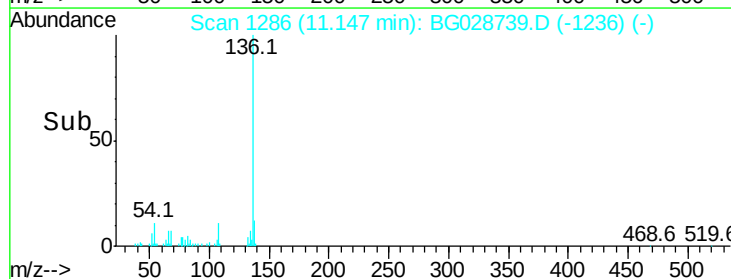
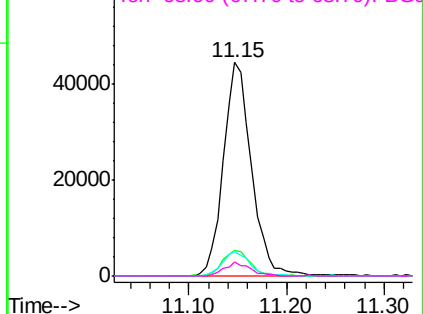
137 11.9 8.9 13.3

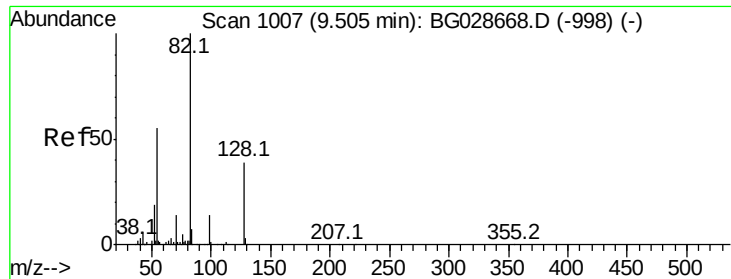
54 11.5 9.3 13.9

68 6.7 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

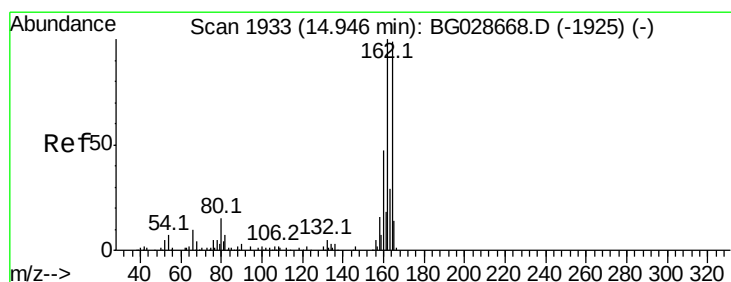
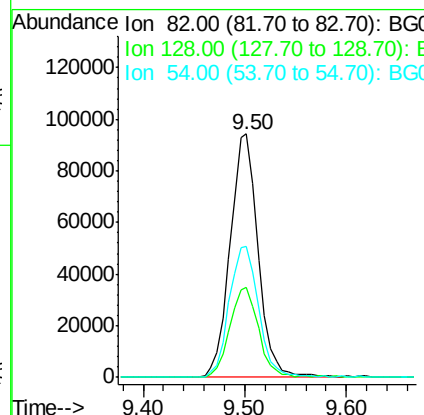
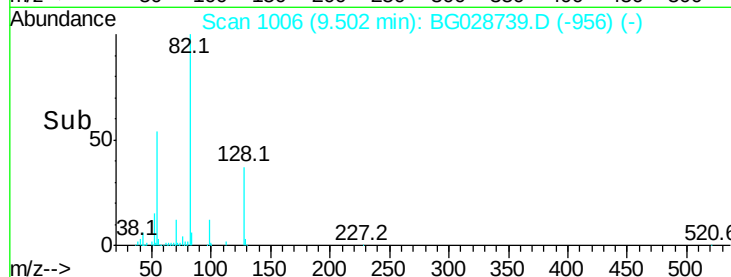
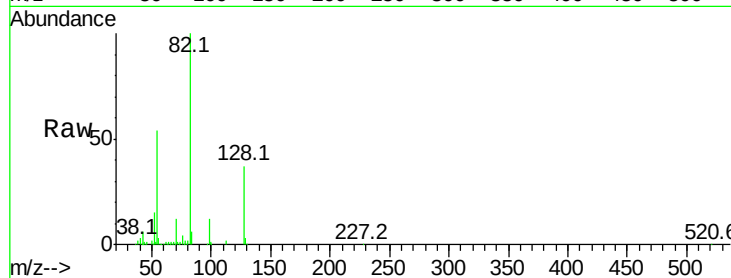




#23
Nitrobenzene-d5
Concen: 97.407 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028739.D
Acq: 14 Sep 2017 19:21

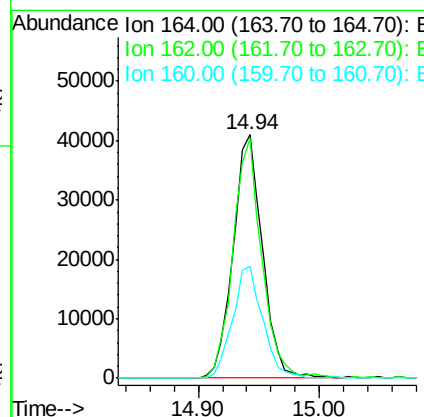
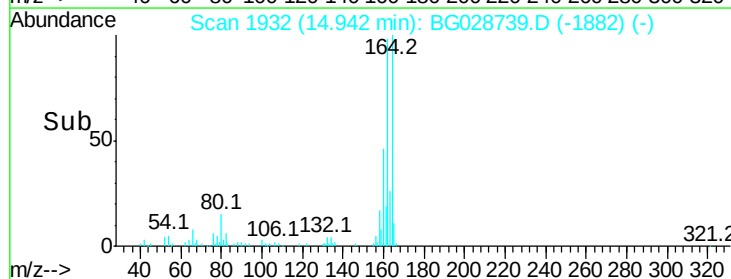
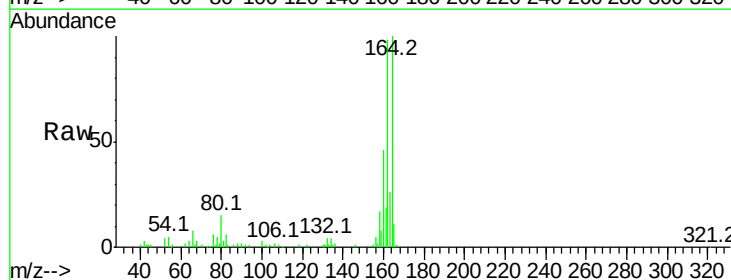
Instrument :
BNA_G
ClientSampleId :
EO-02-091217-B

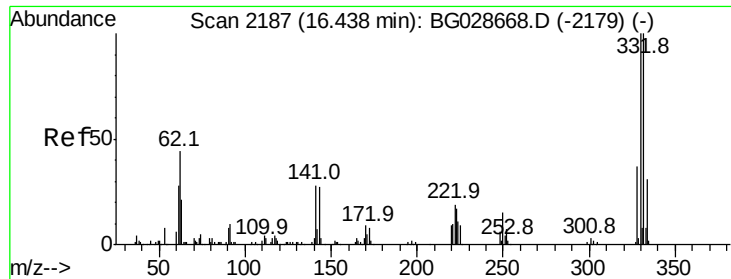
Tot Ion: 82 Resp: 180876
Ion Ratio Lower Upper
82 100
128 36.9 26.4 39.6
54 53.6 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028739.D
Acq: 14 Sep 2017 19:21

Tgt Ion: 164 Resp: 69444
Ion Ratio Lower Upper
164 100
162 98.3 85.1 127.7
160 45.8 34.7 52.1

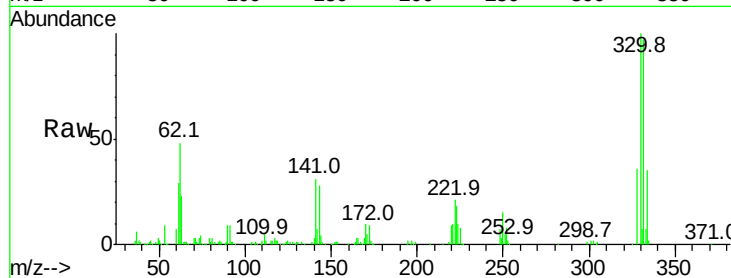




#41
 2,4,6-Tribromophenol
 Concen: 178.092 ng
 RT: 16.43 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG028739.D
 Acq: 14 Sep 2017 19:21

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	30.9	32.1	48.1#

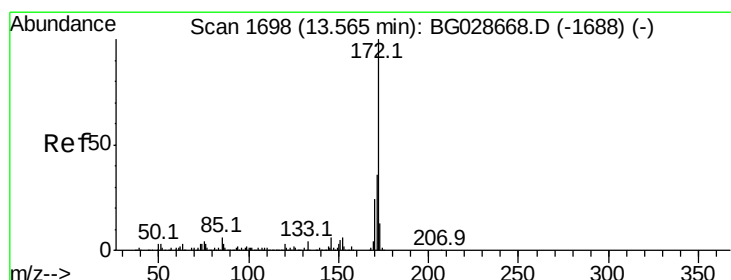
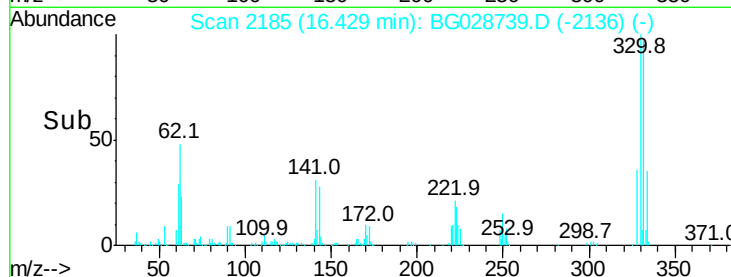
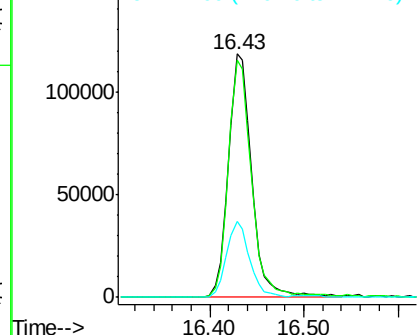


Abundance

Ion 329.80 (329.50 to 330.50): E

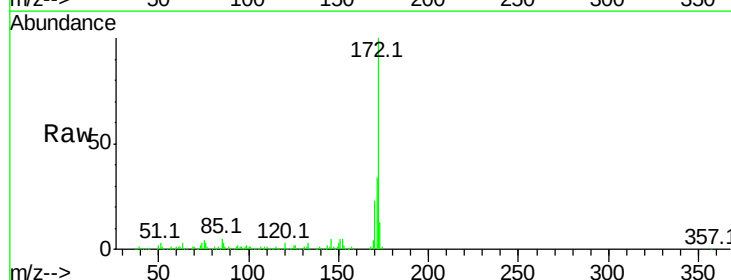
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.195 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG028739.D
 Acq: 14 Sep 2017 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	32.2	48.2
170	22.8	21.8	32.6

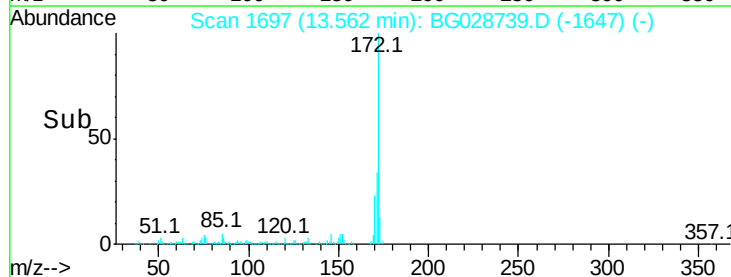
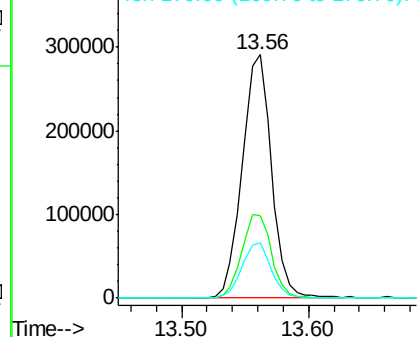


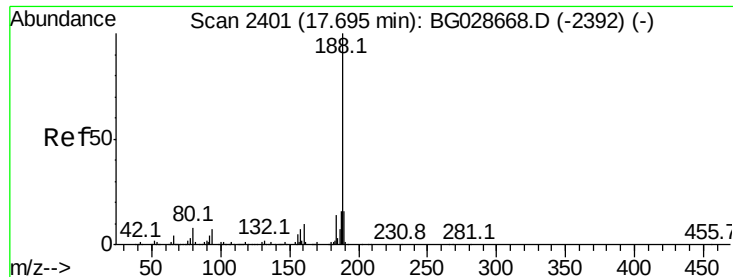
Abundance

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: BG028739.D

Acq: 14 Sep 2017 19:21

Instrument :

BNA_G

ClientSampleId :

EO-02-091217-B

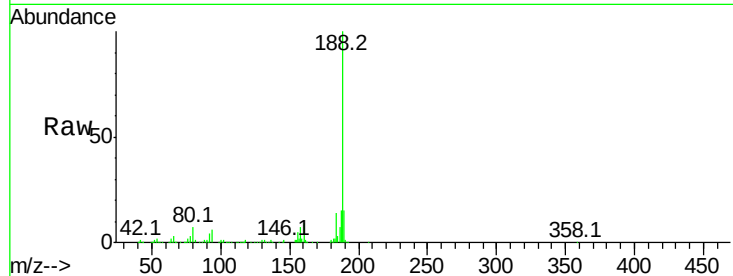
Tot Ion:188 Resp: 235637

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

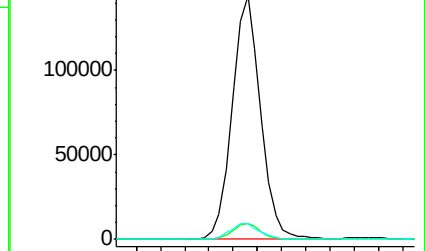
80 6.5 7.5 11.3#



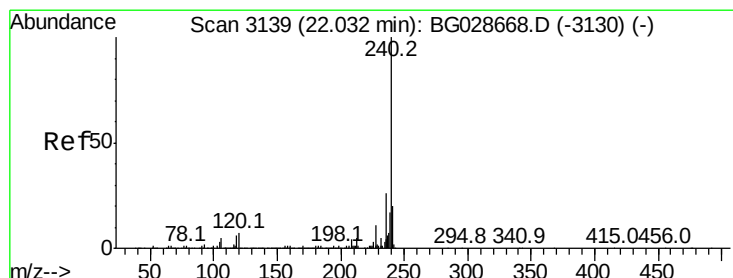
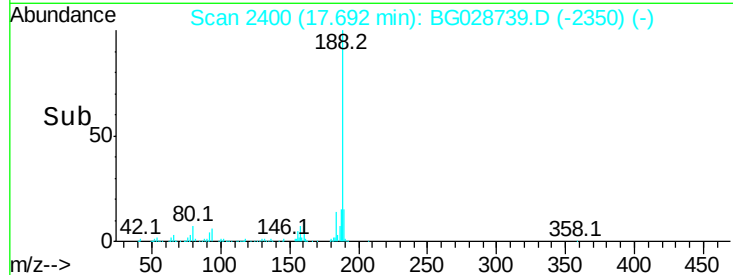
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.60 17.70 17.80



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028739.D

Acq: 14 Sep 2017 19:21

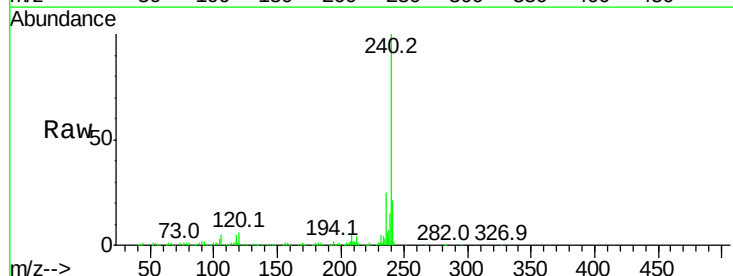
Tgt Ion:240 Resp: 285439

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

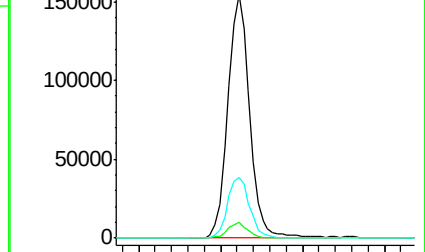
236 25.1 22.2 33.4



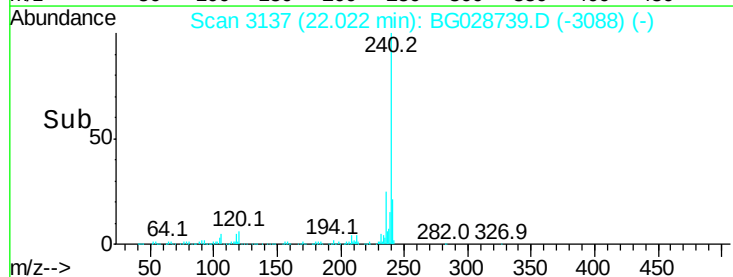
Abundance Ion 240.00 (239.70 to 240.70): E

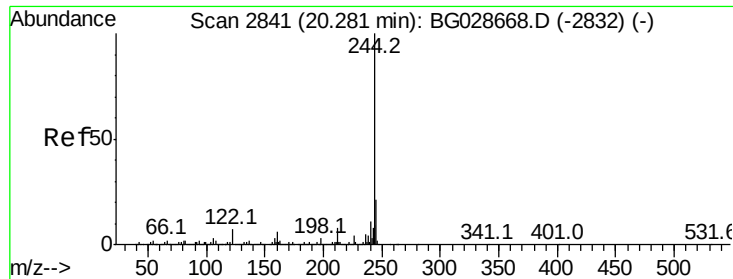
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.90 22.00 22.10 22.20





#78

Terphenyl-d14

Concen: 92.819 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028739.D

Acq: 14 Sep 2017 19:21

Instrument :

BNA_G

ClientSampleId :

EO-02-091217-B

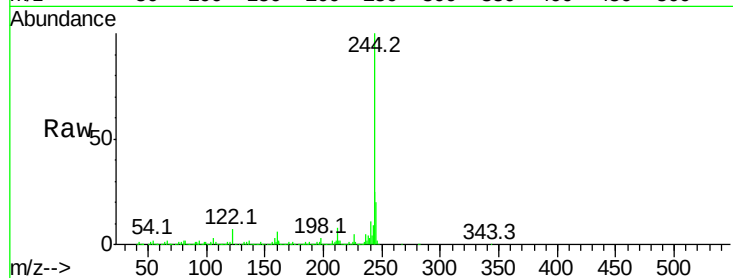
Tot Ion:244 Resp: 1242366

Ion Ratio Lower Upper

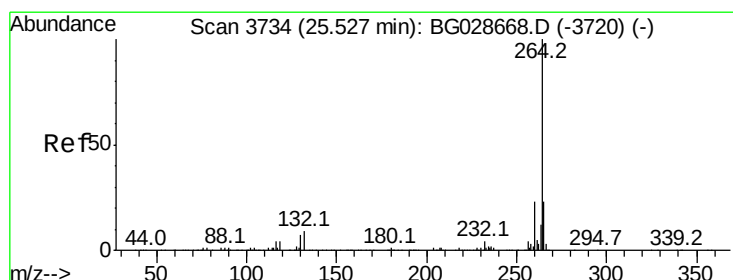
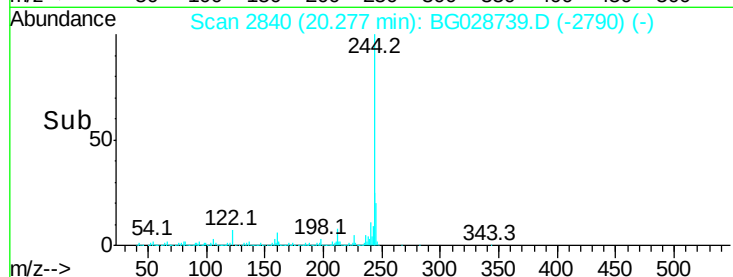
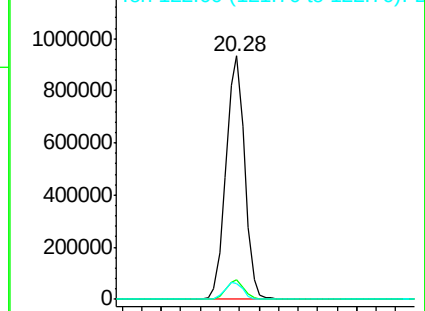
244 100

212 7.8 10.0 15.0#

122 6.7 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# 3733

Delta R.T. -0.00 min

Lab File: BG028739.D

Acq: 14 Sep 2017 19:21

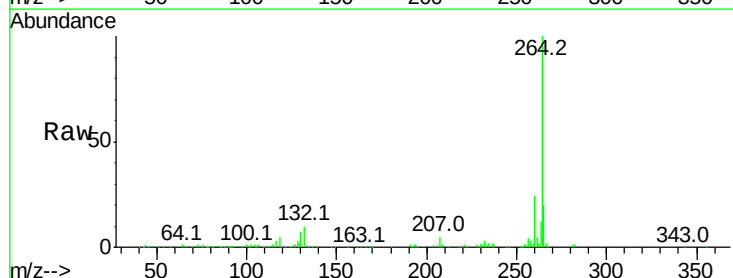
Tgt Ion:264 Resp: 291078

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 19.9 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

