

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110618\
 Data File : BG037848.D
 Acq On : 6 Nov 2018 21:20
 Operator : JU/SJ
 Sample : J5771-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-110218-B

Quant Time: Nov 07 09:39:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	55920	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	248536	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	164224	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	368316	20.00	ng	0.00
76) Chrysene-d12	21.76	240	322168	20.00	ng	-0.01
87) Perylene-d12	25.09	264	275520	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	358433	107.16	ng	0.00
7) Phenol-d6	7.24	99	470763	93.08	ng	0.00
23) Nitrobenzene-d5	9.27	82	357110	80.49	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	178218	99.50	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	885469	81.31	ng	-0.01
79) Terphenyl-d14	20.07	244	1281812	85.02	ng	-0.01

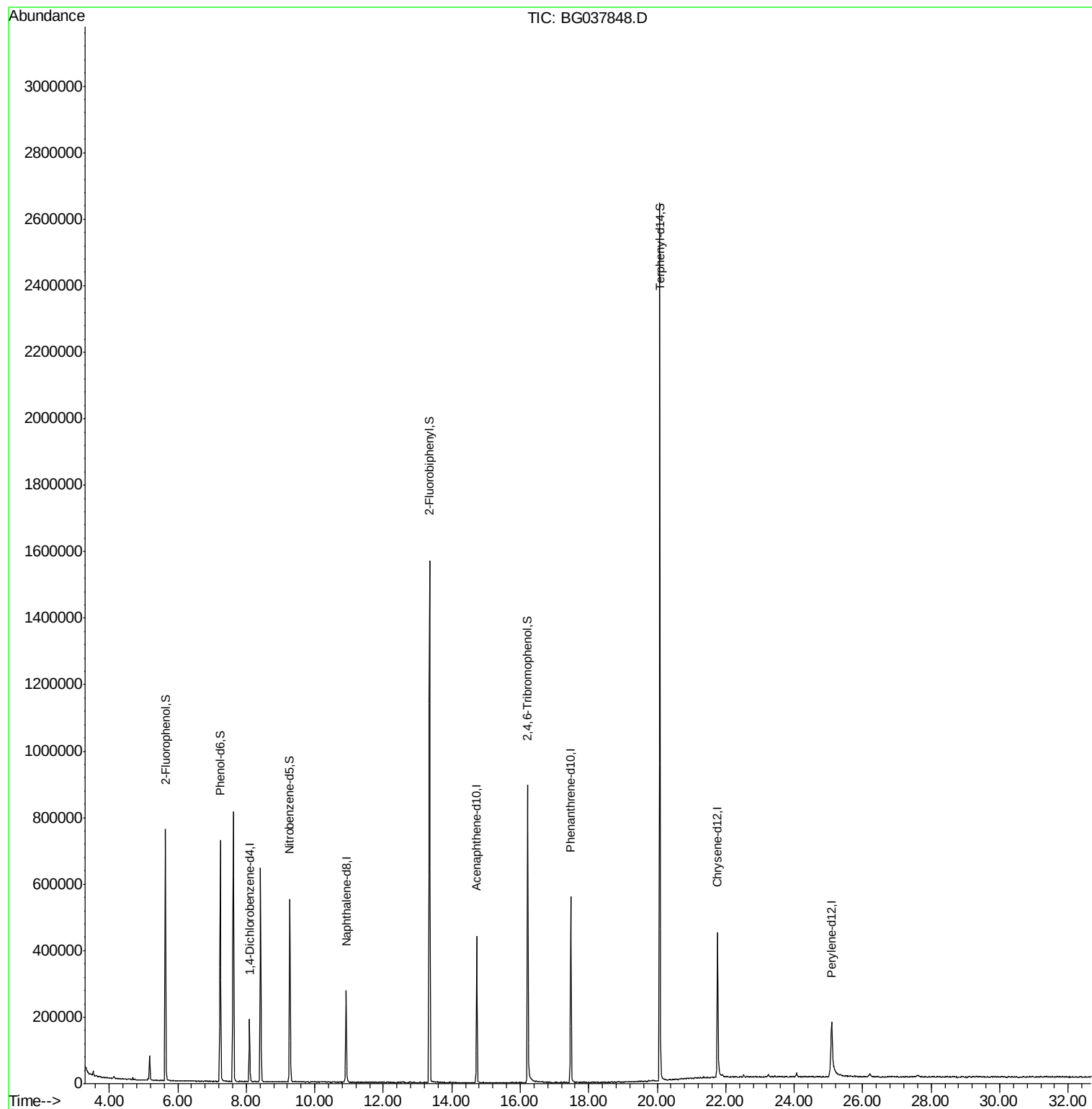
Target Compounds	Qvalue
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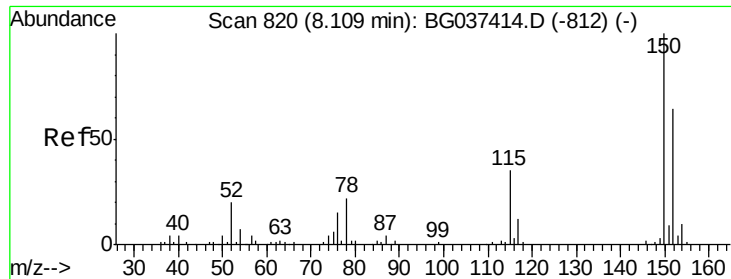
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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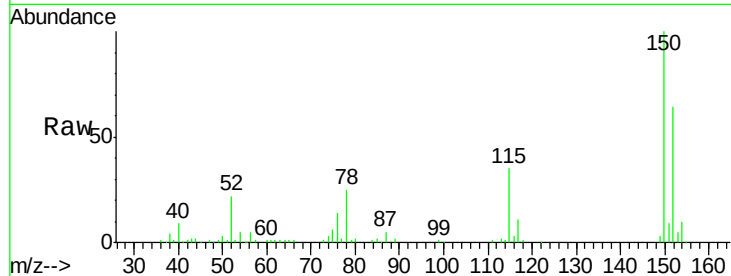


#1

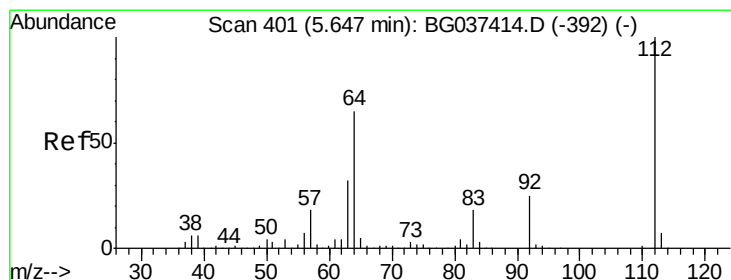
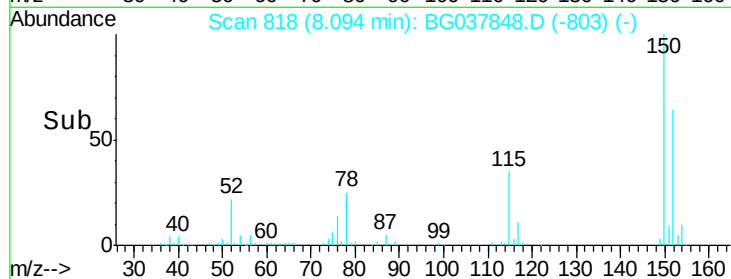
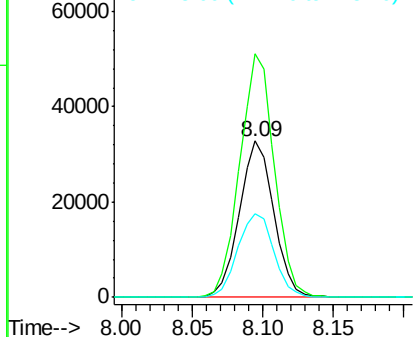
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037848.D
Acq: 6 Nov 2018 21:20

Instrument :
BNA_G
ClientSampleId :
EO-01-110218-B

Tgt Ion:152 Resp: 55920
Ion Ratio Lower Upper
152 100
150 155.9 126.0 189.0
115 53.8 45.5 68.3



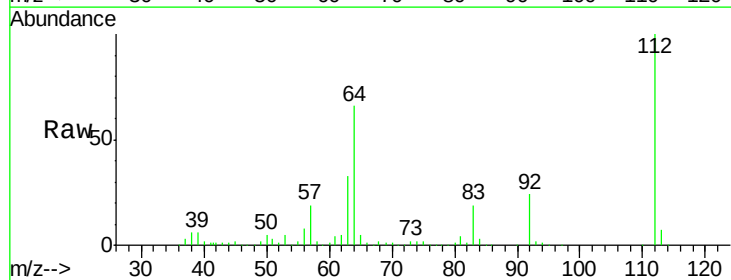
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



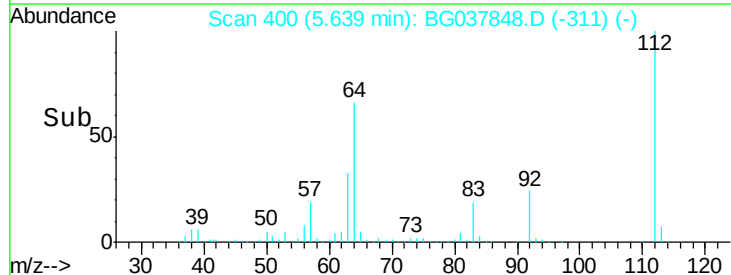
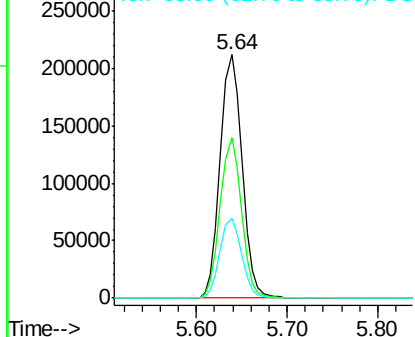
#5

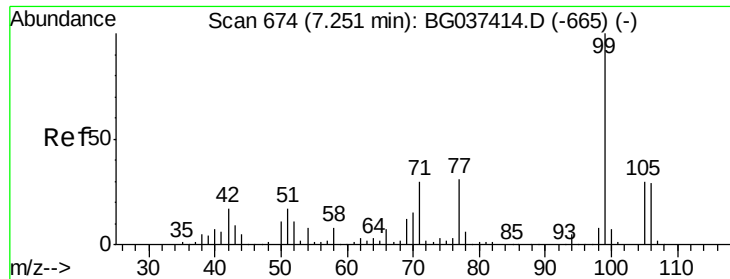
2-Fluorophenol
Concen: 107.162 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037848.D
Acq: 6 Nov 2018 21:20

Tgt Ion:112 Resp: 358433
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 32.6 27.3 40.9



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: 93.078 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037848.D

Acq: 6 Nov 2018 21:20

Instrument :

BNA_G

ClientSampleId :

EO-01-110218-B

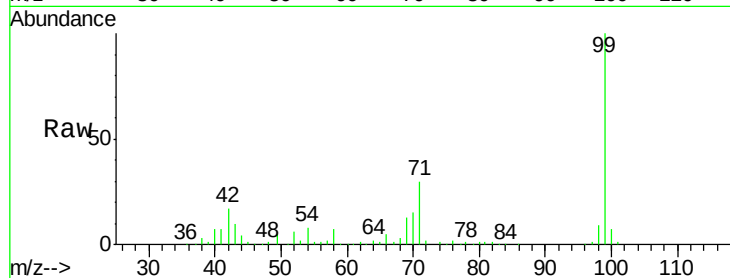
Tgt Ion: 99 Resp: 470763

Ion Ratio Lower Upper

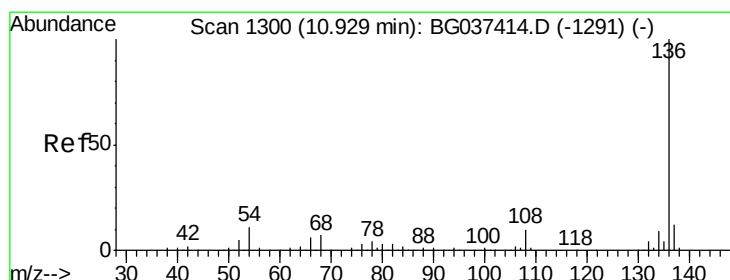
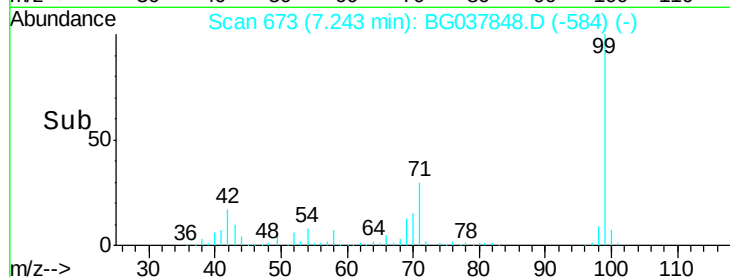
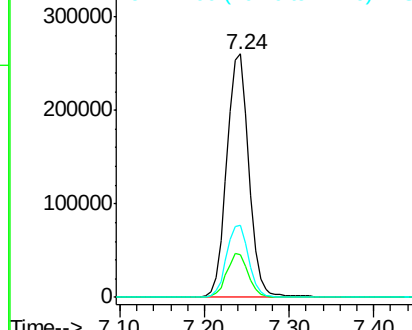
99 100

42 17.3 15.0 22.4

71 29.9 25.5 38.3



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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037848.D

Acq: 6 Nov 2018 21:20

Tgt Ion: 136 Resp: 248536

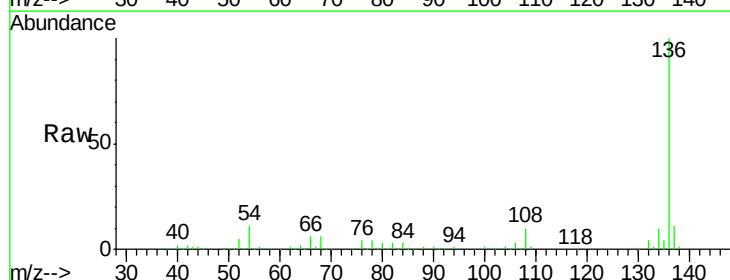
Ion Ratio Lower Upper

136 100

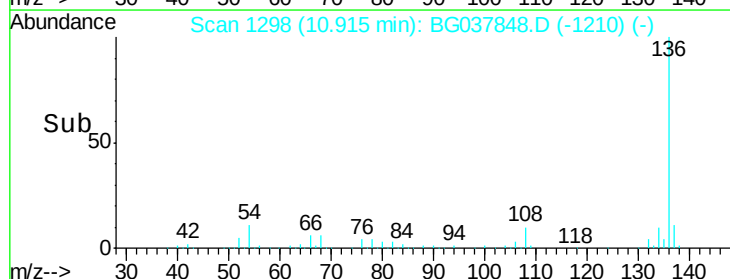
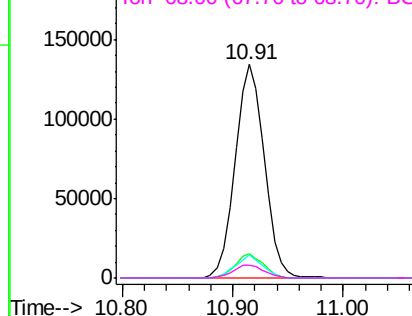
137 11.3 9.6 14.4

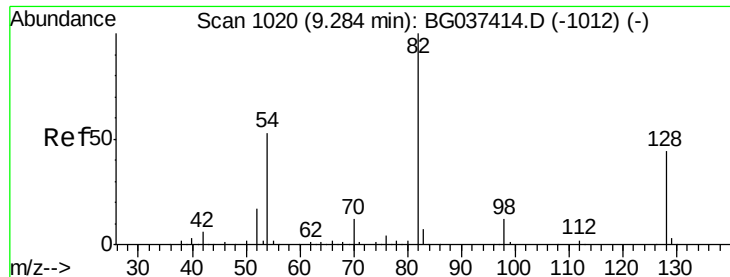
54 10.7 7.9 11.9

68 5.8 4.8 7.2



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

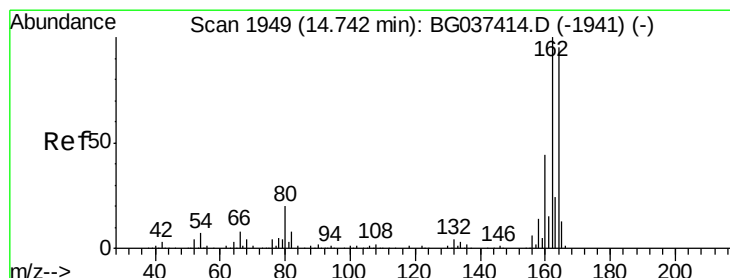
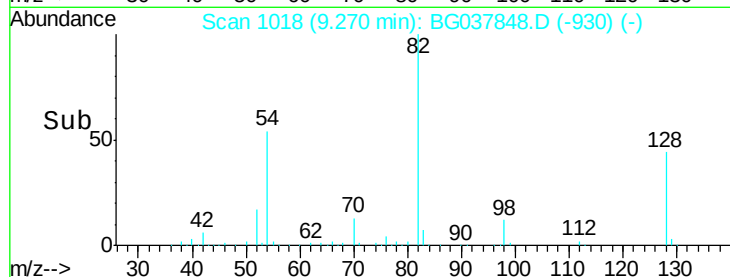
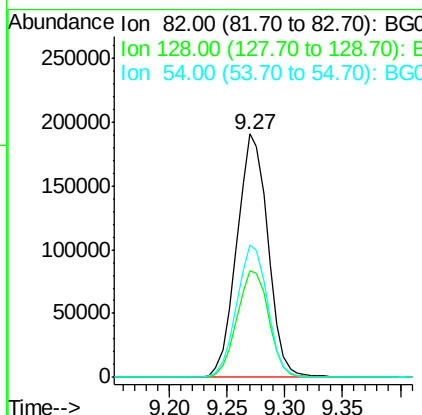
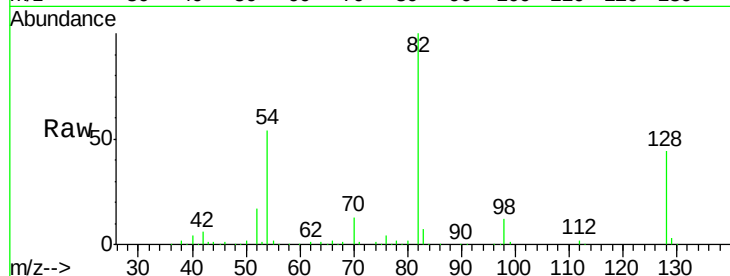




#23
 Nitrobenzene-d5
 Concen: 80.491 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037848.D
 Acq: 6 Nov 2018 21:20

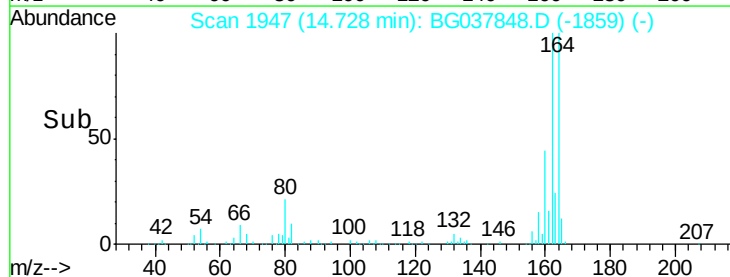
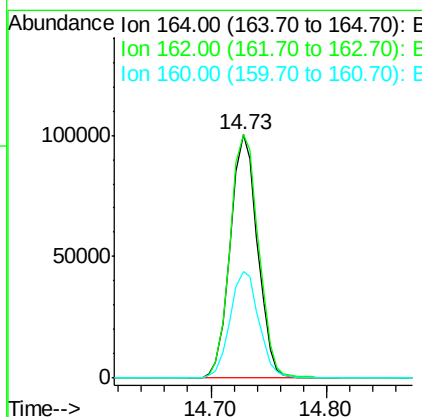
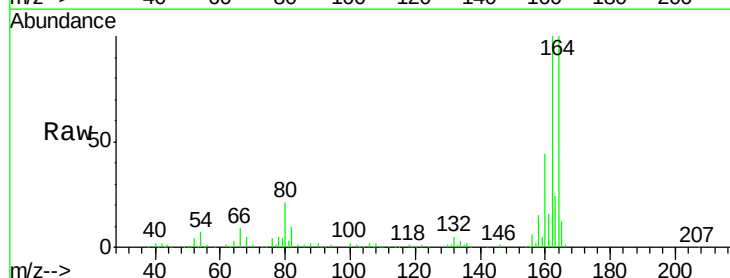
Instrument :
 BNA_G
 ClientSampleId :
 EO-01-110218-B

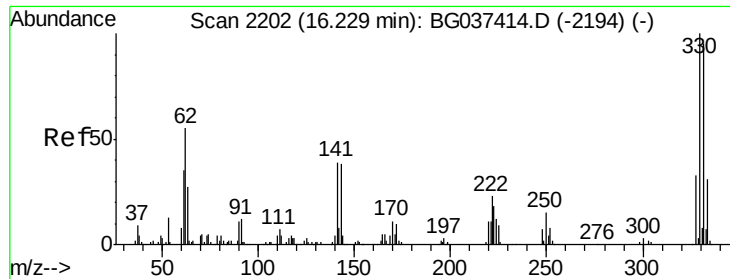
Tgt Ion: 82 Resp: 357110
 Ion Ratio Lower Upper
 82 100
 128 43.7 34.6 51.8
 54 54.4 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037848.D
 Acq: 6 Nov 2018 21:20

Tgt Ion: 164 Resp: 164224
 Ion Ratio Lower Upper
 164 100
 162 100.2 81.3 121.9
 160 44.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 99.498 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037848.D

Acq: 6 Nov 2018 21:20

Instrument :

BNA_G

ClientSampleId :

EO-01-110218-B

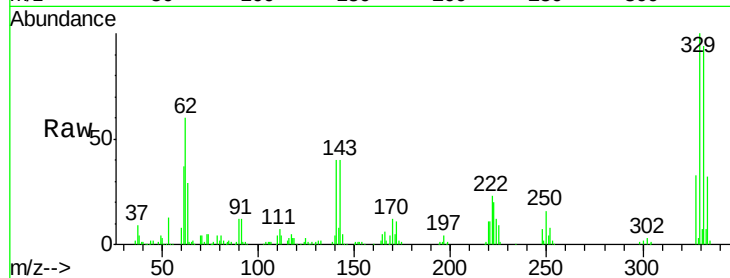
Tgt Ion:330 Resp: 178218

Ion Ratio Lower Upper

330 100

332 93.7 78.4 117.6

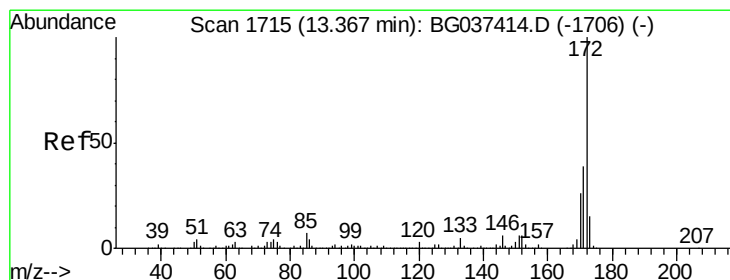
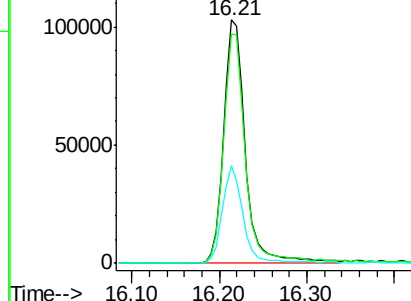
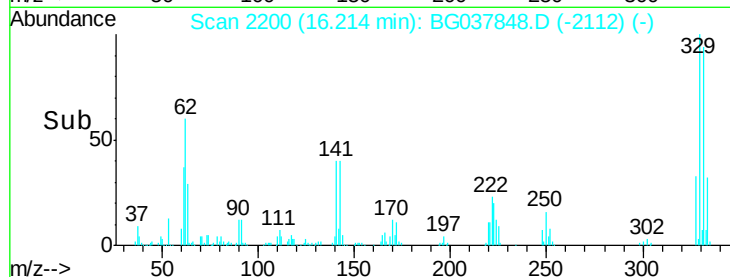
141 38.1 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 81.306 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG037848.D

Acq: 6 Nov 2018 21:20

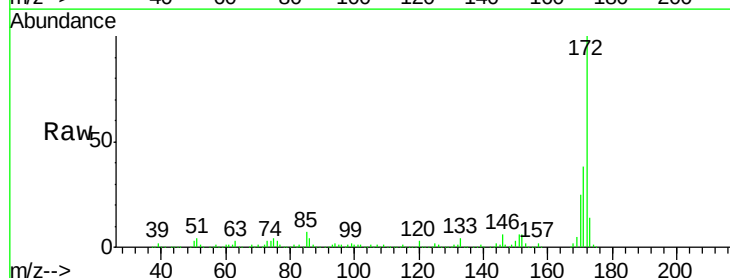
Tgt Ion:172 Resp: 885469

Ion Ratio Lower Upper

172 100

171 38.3 31.0 46.4

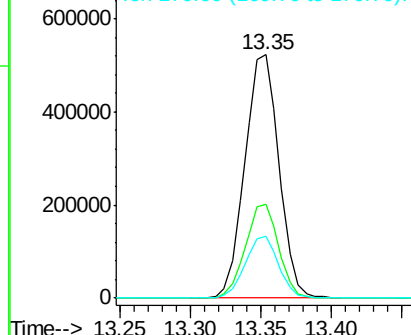
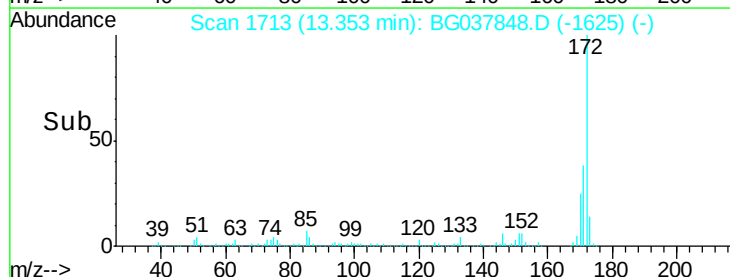
170 25.2 20.2 30.2

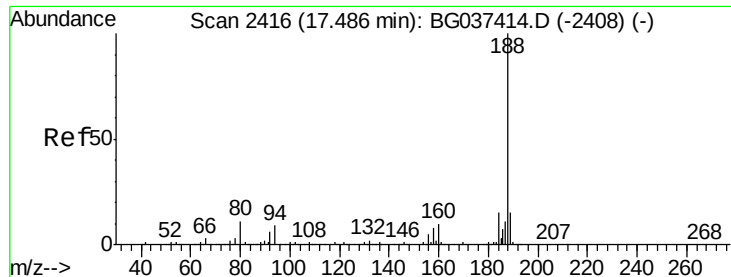


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037848.D

Acq: 6 Nov 2018 21:20

Instrument :

BNA_G

ClientSampleId :

EO-01-110218-B

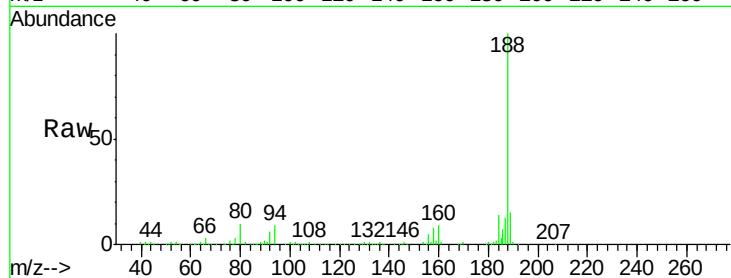
Tgt Ion:188 Resp: 368316

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 10.1 7.7 11.5

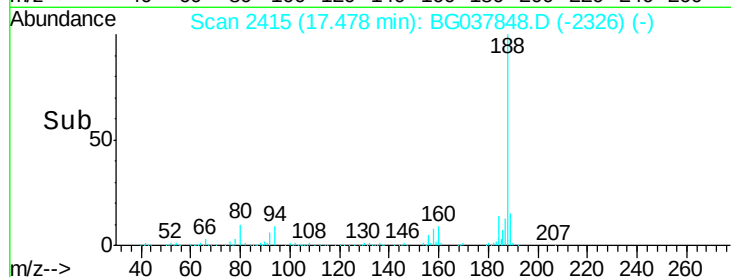


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



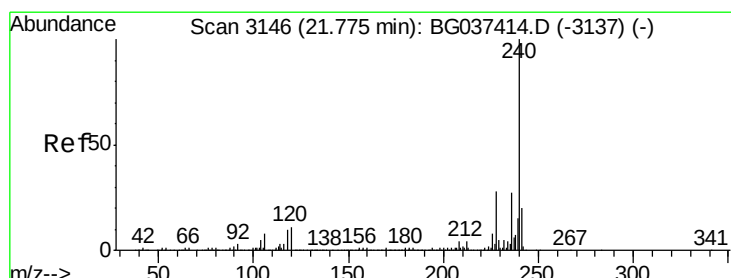
Abundance

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-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037848.D

Acq: 6 Nov 2018 21:20

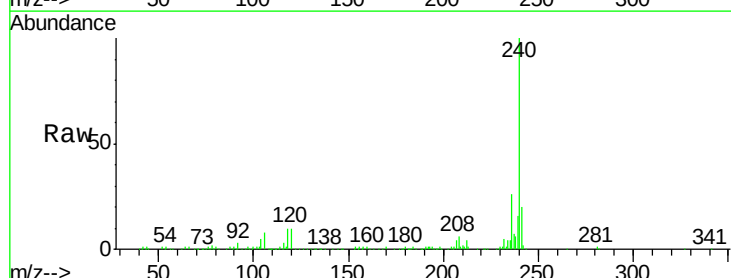
Tgt Ion:240 Resp: 322168

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

236 26.2 21.4 32.0

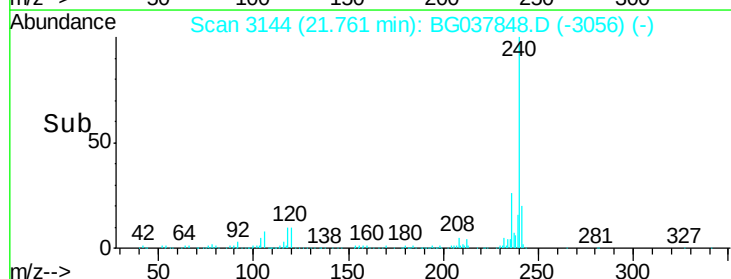


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



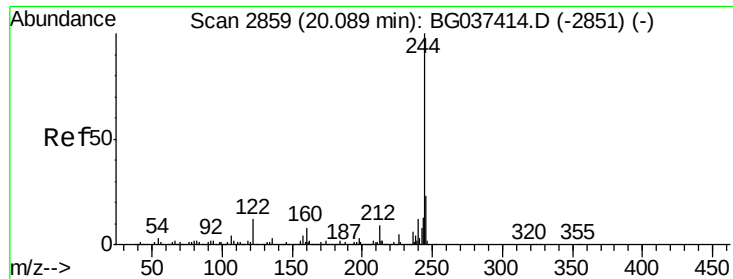
Abundance

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-->



#79

Terphenyl-d14

Concen: 85.016 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037848.D

Acq: 6 Nov 2018 21:20

Instrument :

BNA_G

ClientSampleId :

EO-01-110218-B

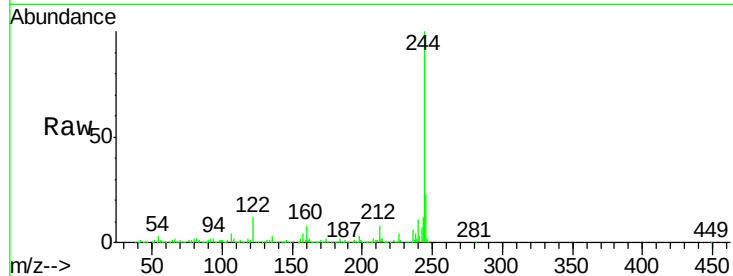
Tgt Ion:244 Resp: 1281812

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

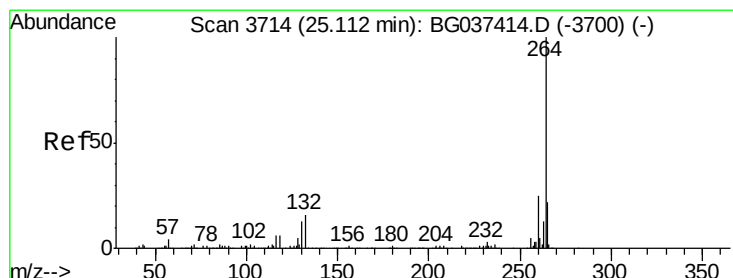
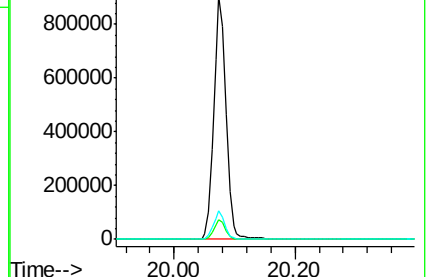
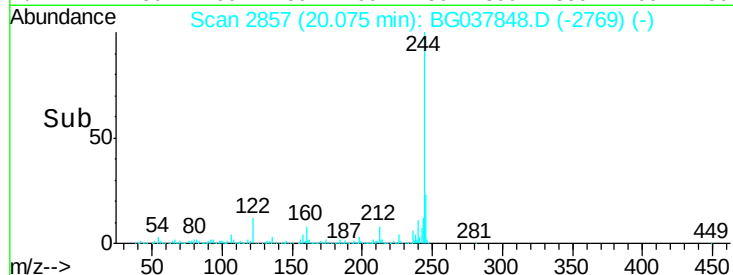
122 11.6 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.03 min

Lab File: BG037848.D

Acq: 6 Nov 2018 21:20

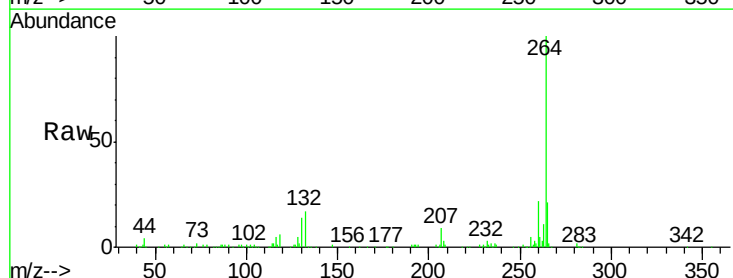
Tgt Ion:264 Resp: 275520

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

265 20.7 17.9 26.9



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

