

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037832.D
 Acq On : 6 Nov 2018 10:16
 Operator : JU/SJ
 Sample : J5764-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-110218-J

Quant Time: Nov 06 12:33:54 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	59815	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	265559	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	171852	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	375120	20.00	ng	0.00
76) Chrysene-d12	21.76	240	327327	20.00	ng	-0.02
87) Perylene-d12	25.09	264	272914	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	383562	107.21	ng	0.00
7) Phenol-d6	7.24	99	482784	89.24	ng	0.00
23) Nitrobenzene-d5	9.27	82	385558	81.33	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	187400	99.98	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	948215	83.20	ng	-0.02
79) Terphenyl-d14	20.07	244	1292921	84.40	ng	-0.02

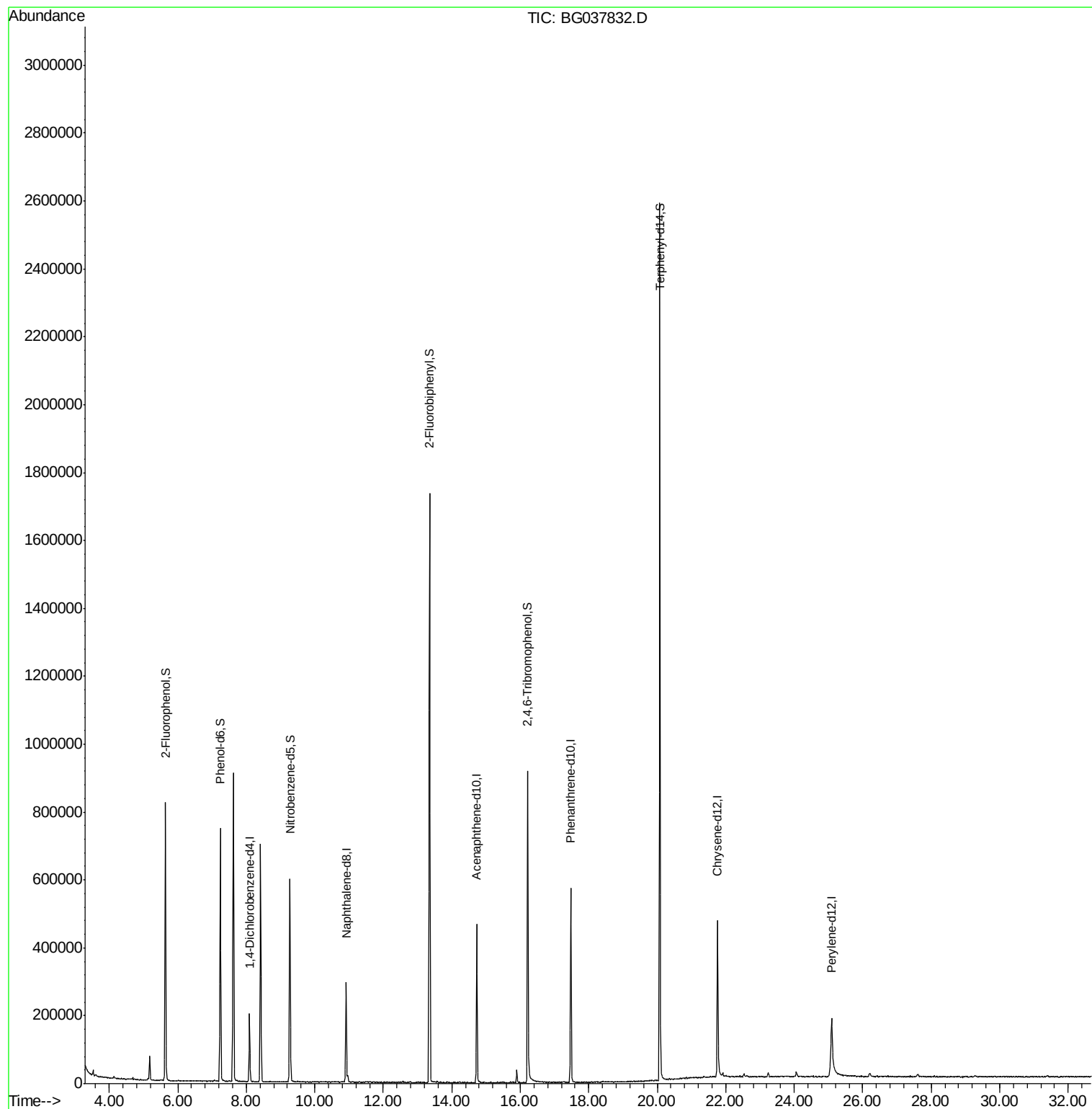
Target Compounds Qvalue

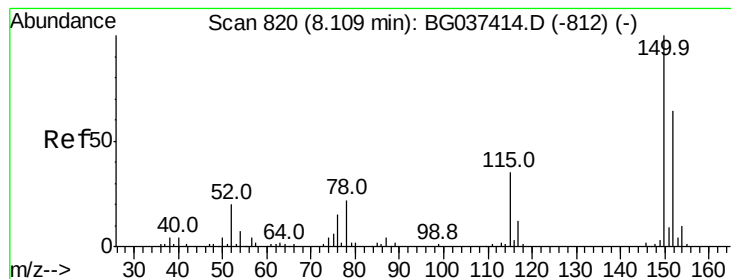
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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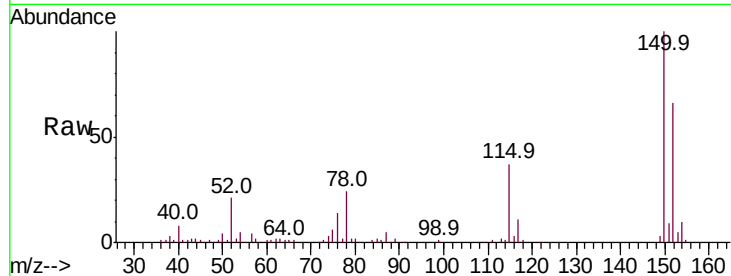


#1

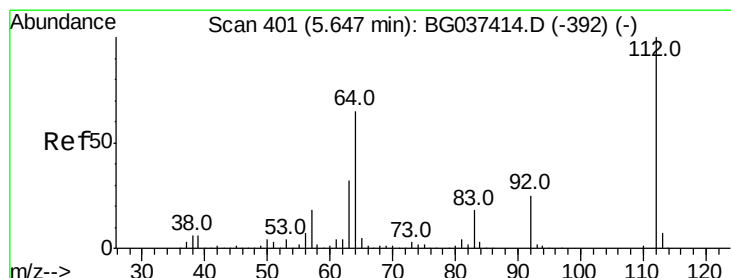
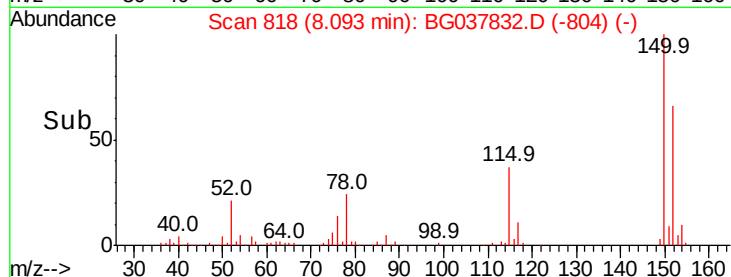
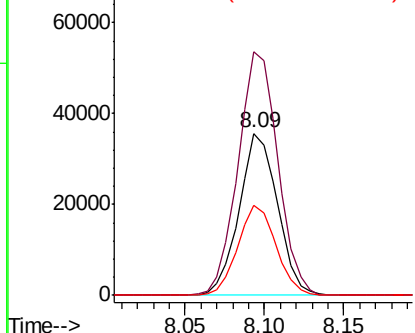
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037832.D
Acq: 6 Nov 2018 10:16

Instrument :
BNA_G
ClientSampleId :
JC-03-110218-J

Tot Ion:152 Resp: 59815
Ion Ratio Lower Upper
152 100
150 150.4 126.0 189.0
115 55.8 45.5 68.3



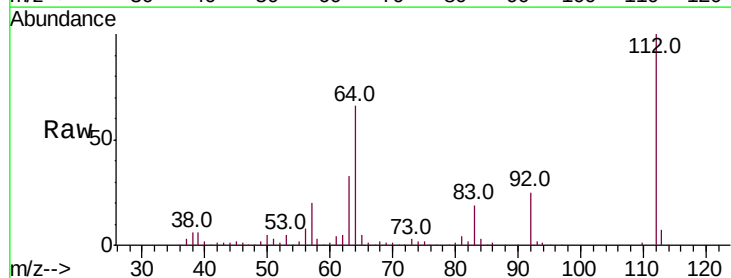
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



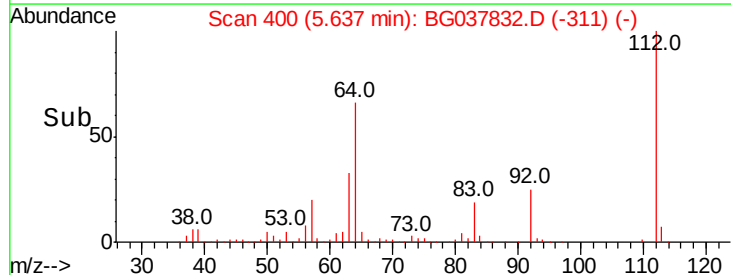
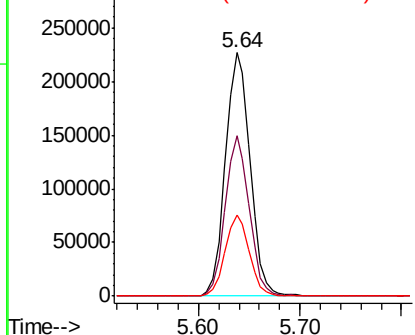
#5

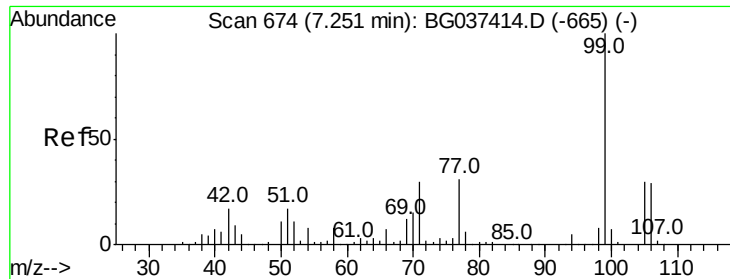
2-Fluorophenol
Concen: 107.207 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037832.D
Acq: 6 Nov 2018 10:16

Tgt Ion:112 Resp: 383562
Ion Ratio Lower Upper
112 100
64 66.0 53.1 79.7
63 33.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 89.239 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037832.D

Acq: 6 Nov 2018 10:16

Instrument :

BNA_G

ClientSampleId :

JC-03-110218-J

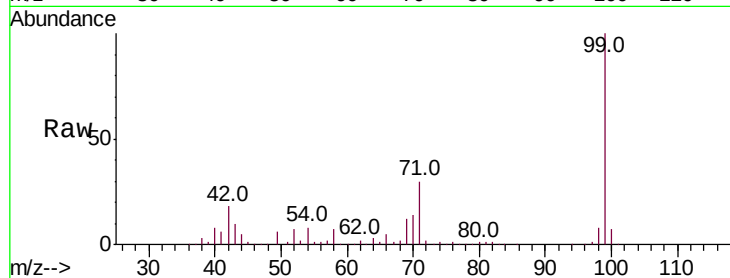
Tot Ion: 99 Resp: 482784

Ion Ratio Lower Upper

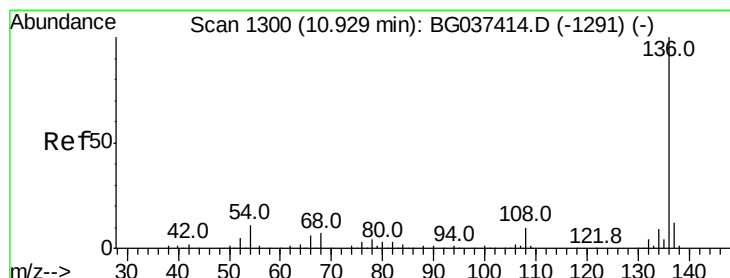
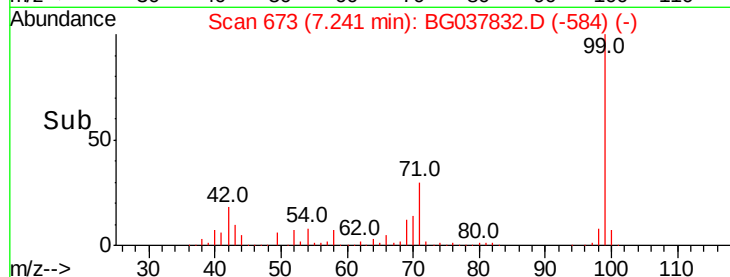
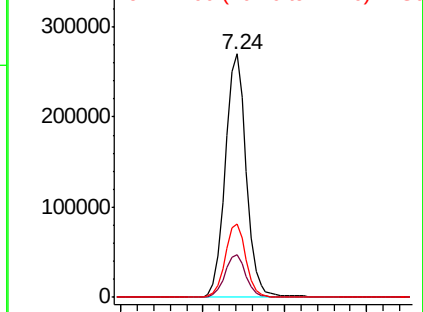
99 100

42 17.7 15.0 22.4

71 30.0 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. -0.02 min

Lab File: BG037832.D

Acq: 6 Nov 2018 10:16

Tgt Ion: 136 Resp: 265559

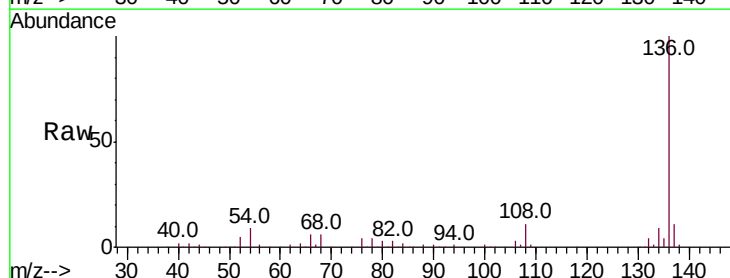
Ion Ratio Lower Upper

136 100

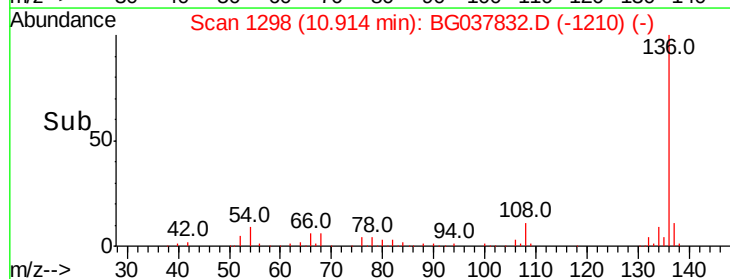
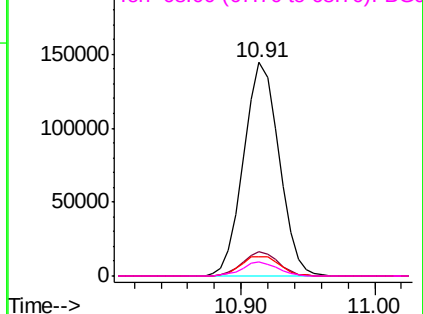
137 11.5 9.6 14.4

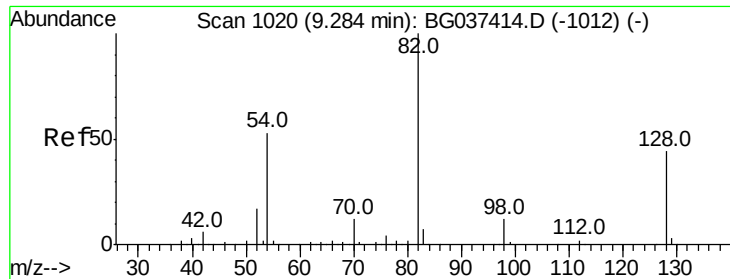
54 9.3 7.9 11.9

68 6.3 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

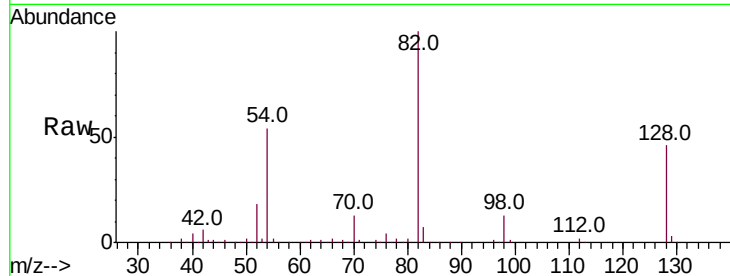




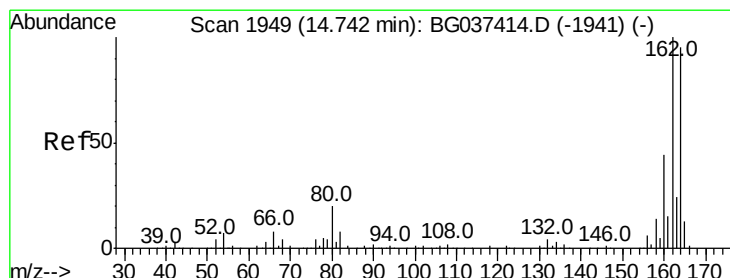
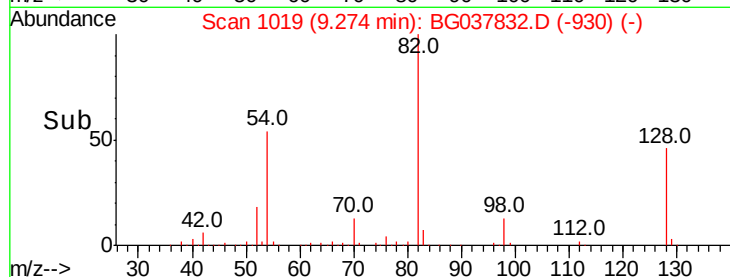
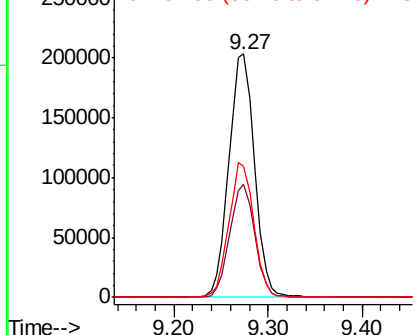
#23
Nitrobenzene-d5
Concen: 81.332 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037832.D
Acq: 6 Nov 2018 10:16

Instrument :
BNA_G
ClientSampleId :
JC-03-110218-J

Tot Ion: 82 Resp: 385558
Ion Ratio Lower Upper
82 100
128 46.2 34.6 51.8
54 53.7 45.3 67.9

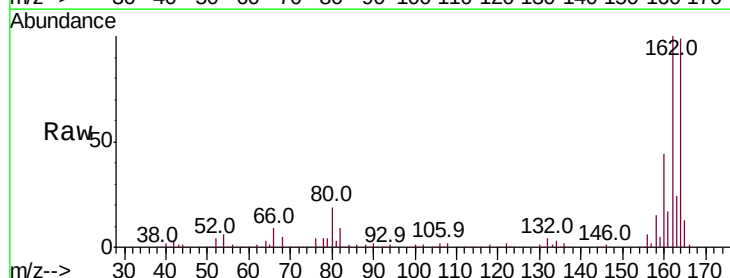


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

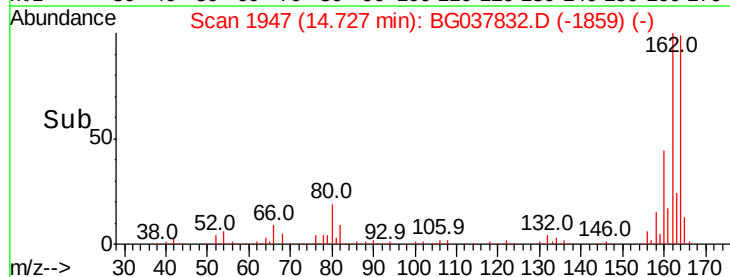
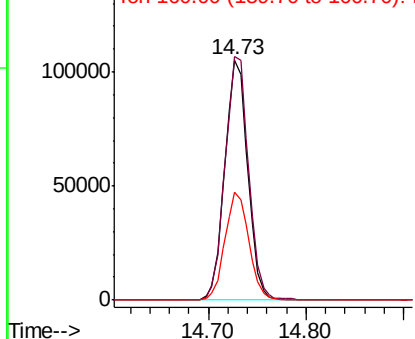


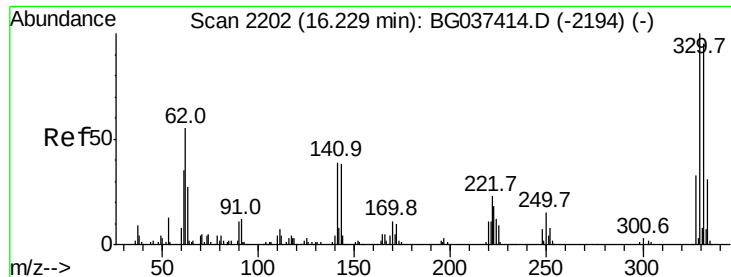
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG037832.D
Acq: 6 Nov 2018 10:16

Tgt Ion:164 Resp: 171852
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 44.7 36.3 54.5



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





#42

2,4,6-Tribromophenol

Concen: 99.980 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037832.D

Acq: 6 Nov 2018 10:16

Instrument :

BNA_G

ClientSampleId :

JC-03-110218-J

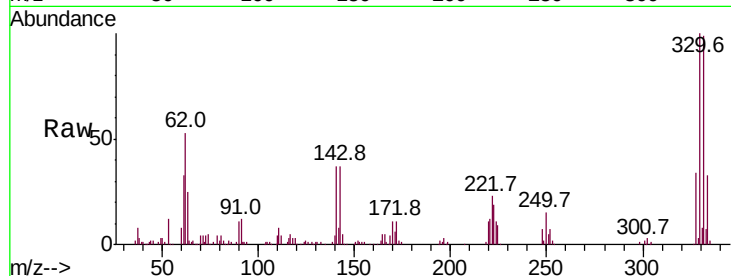
Tot Ion:330 Resp: 187400

Ion Ratio Lower Upper

330 100

332 97.1 78.4 117.6

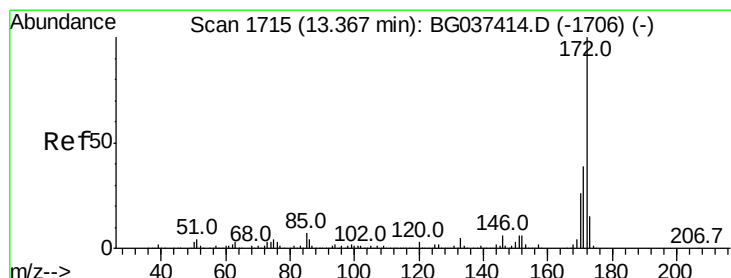
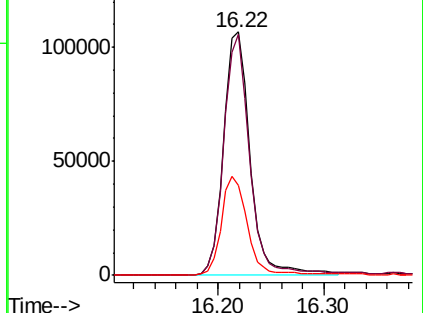
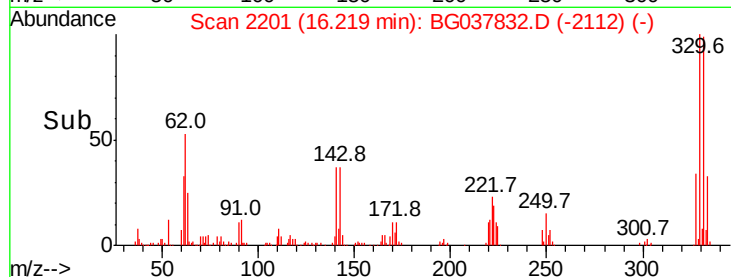
141 40.1 32.2 48.2



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: 83.203 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BG037832.D

Acq: 6 Nov 2018 10:16

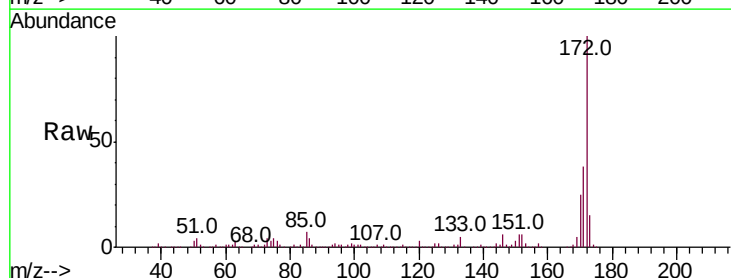
Tgt Ion:172 Resp: 948215

Ion Ratio Lower Upper

172 100

171 38.3 31.0 46.4

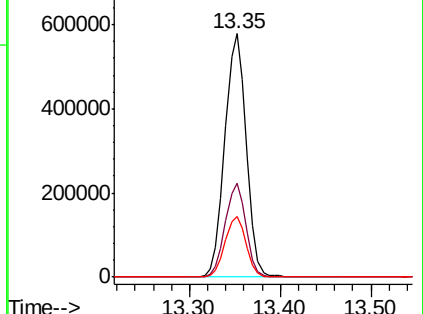
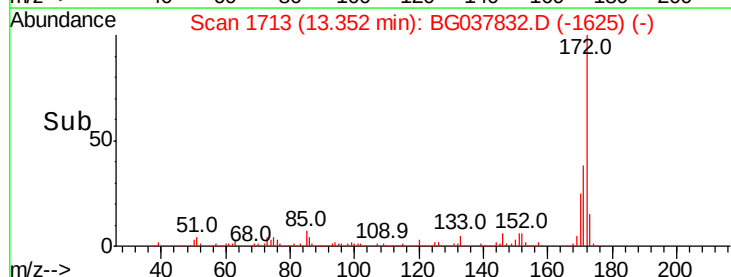
170 25.1 20.2 30.2

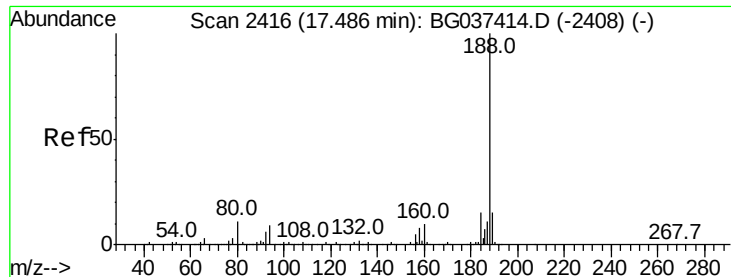


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

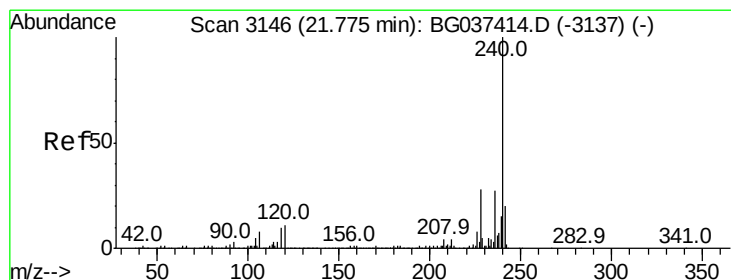
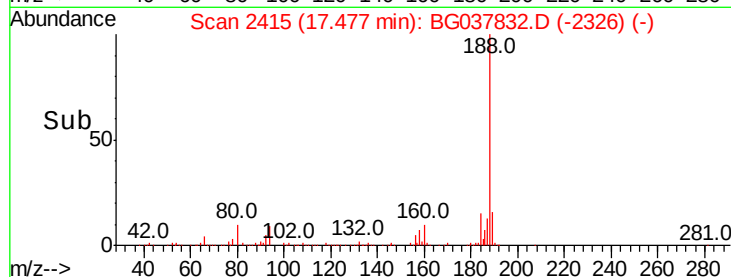
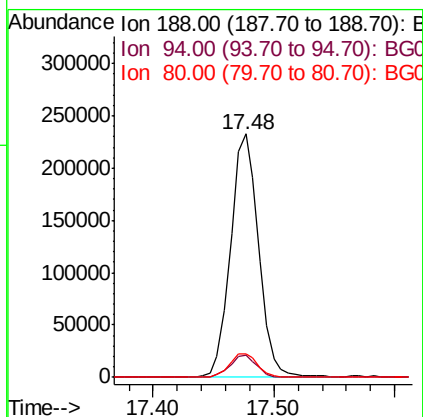
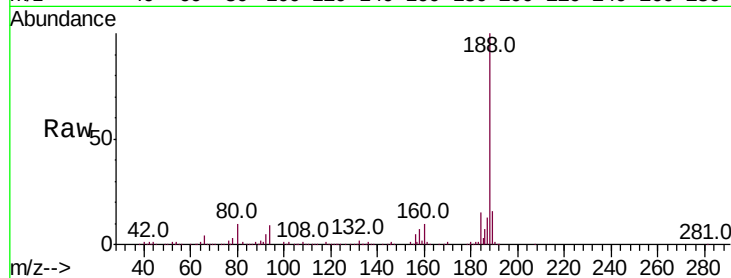




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037832.D
Acq: 6 Nov 2018 10:16

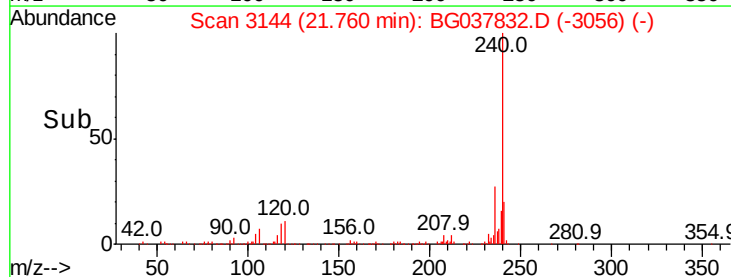
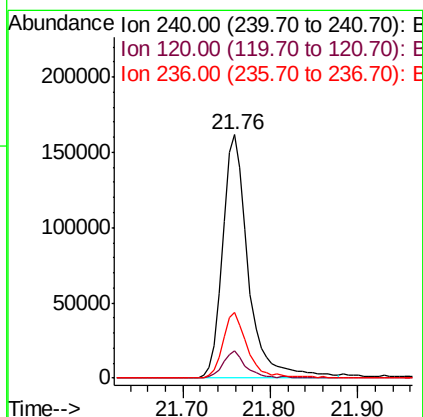
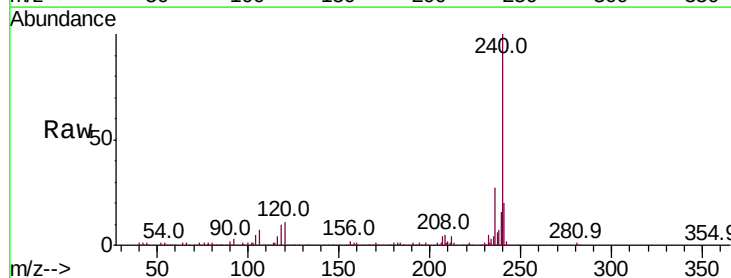
Instrument :
BNA_G
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JC-03-110218-J

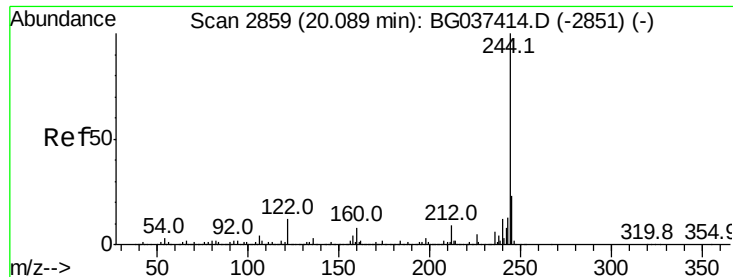
Tot Ion:188 Resp: 375120
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037832.D
Acq: 6 Nov 2018 10:16

Tgt Ion:240 Resp: 327327
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 26.8 21.4 32.0





#79

Terphenyl-d14

Concen: 84.401 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037832.D

Acq: 6 Nov 2018 10:16

Instrument :

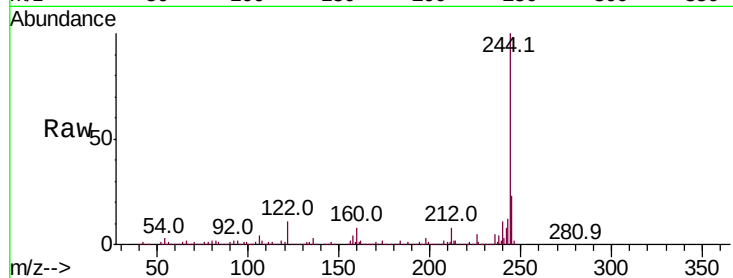
BNA_G

ClientSampleId :

JC-03-110218-J

Tot Ion:244 Resp: 1292921

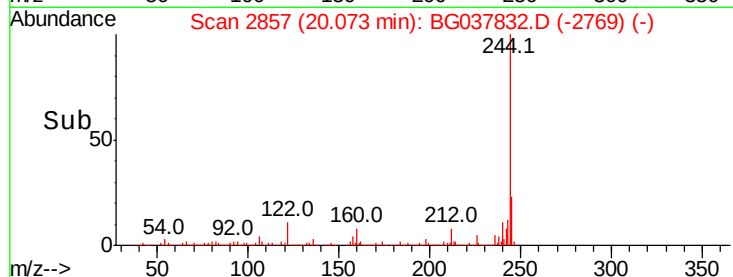
Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.3	9.0	13.4



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



20.07

800000

600000

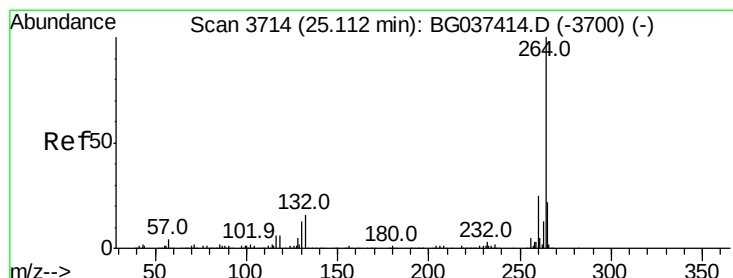
400000

200000

0

Time-->

20.00 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

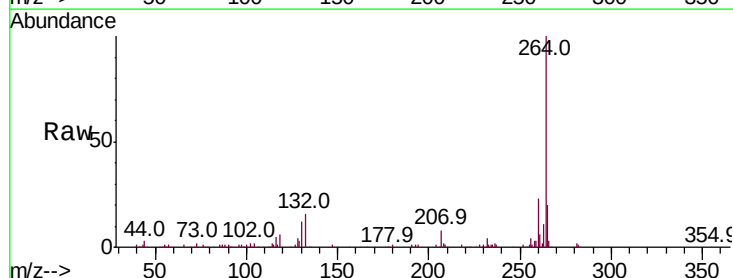
Delta R.T. -0.02 min

Lab File: BG037832.D

Acq: 6 Nov 2018 10:16

Tgt Ion:264 Resp: 272914

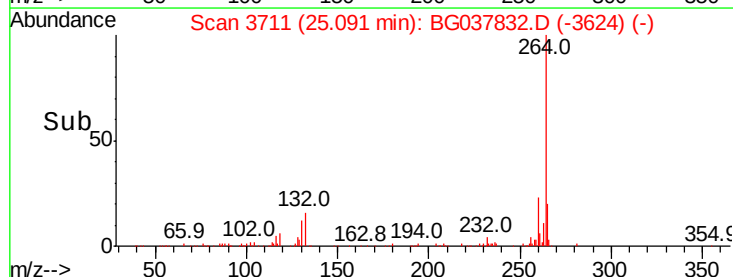
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.3	17.9	26.9



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



25.09

80000

60000

40000

20000

0

Time-->

25.00 25.20