

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037834.D
 Acq On : 6 Nov 2018 11:34
 Operator : JU/SJ
 Sample : J5764-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Nov 06 12:36:38 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	8.10	152	60590	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	272128	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	175537	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	391922	20.00	ng	0.00
76) Chrysene-d12	21.76	240	351953	20.00	ng	-0.02
87) Perylene-d12	25.09	264	289081	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	398049	109.83	ng	0.00
7) Phenol-d6	7.24	99	502791	91.75	ng	0.00
23) Nitrobenzene-d5	9.27	82	407409	83.87	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	196750	102.76	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	988101	84.88	ng	-0.02
79) Terphenyl-d14	20.07	244	1392786	84.56	ng	-0.02

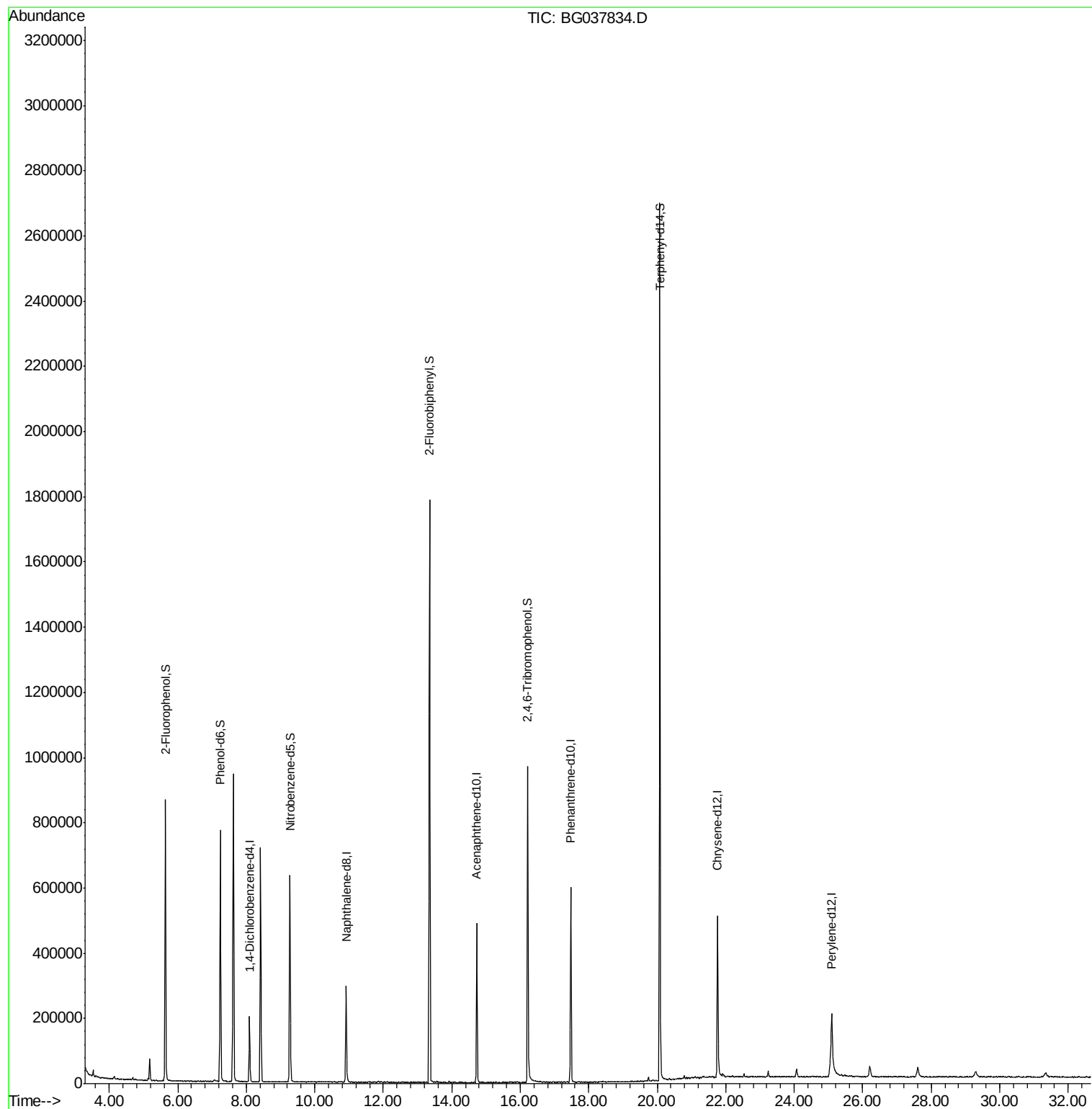
Target Compounds Qvalue

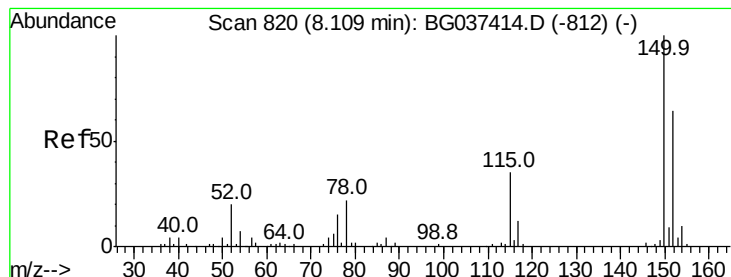
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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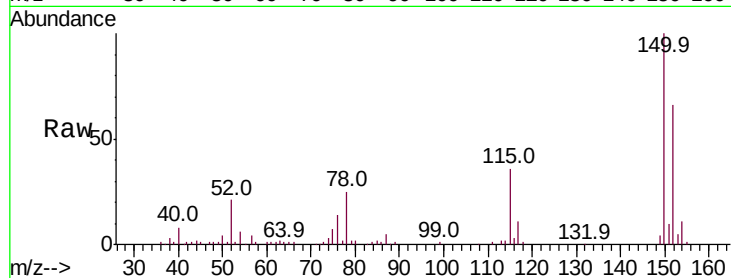


#1

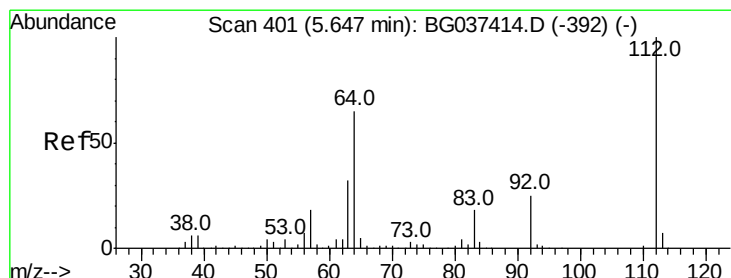
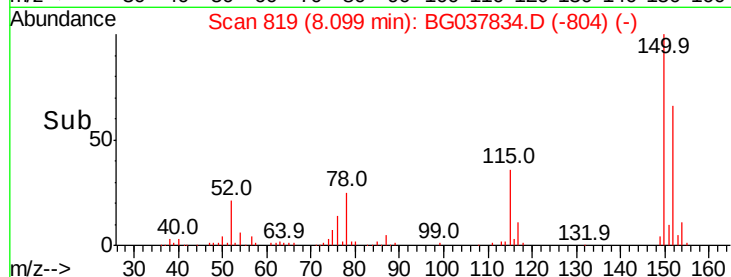
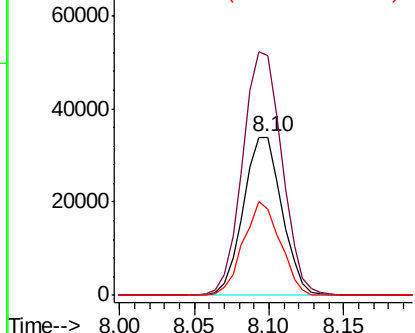
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037834.D
Acq: 6 Nov 2018 11:34

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

Tot Ion:152 Resp: 60590
Ion Ratio Lower Upper
152 100
150 151.3 126.0 189.0
115 54.1 45.5 68.3



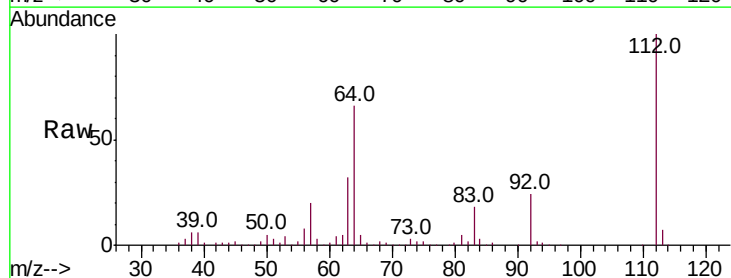
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



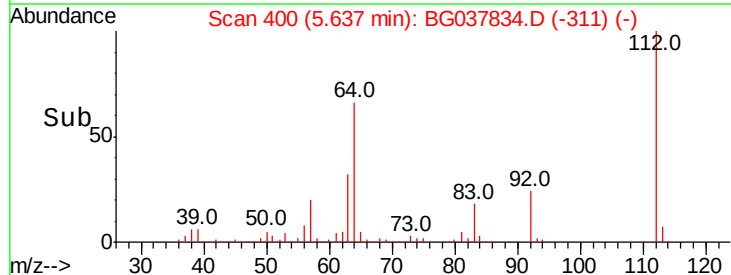
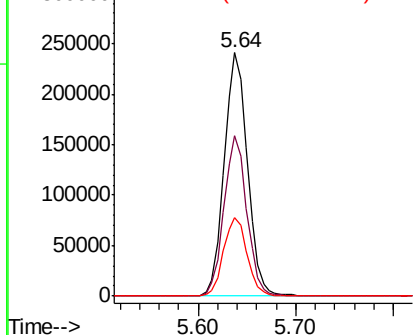
#5

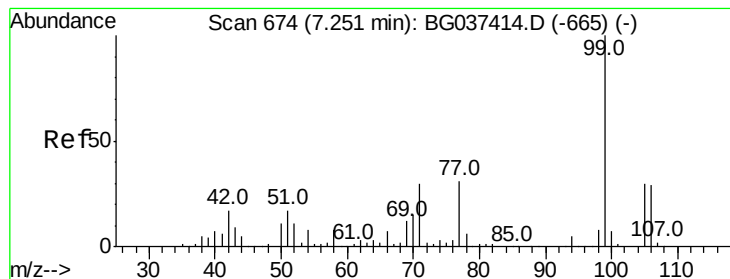
2-Fluorophenol
Concen: 109.833 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037834.D
Acq: 6 Nov 2018 11:34

Tgt Ion:112 Resp: 398049
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 32.1 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: 91.748 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037834.D

Acq: 6 Nov 2018 11:34

Instrument :

BNA_G

ClientSampleId :

JC-03-110218-H

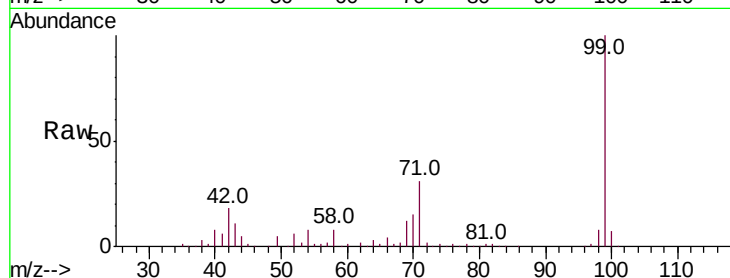
Tot Ion: 99 Resp: 502791

Ion Ratio Lower Upper

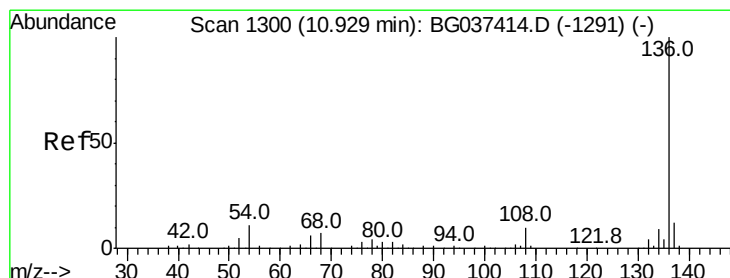
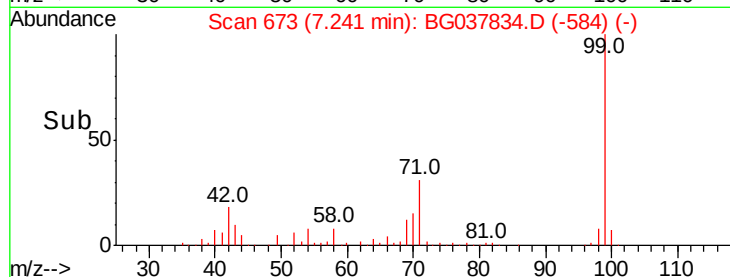
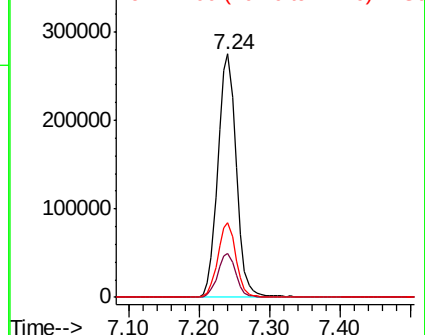
99 100

42 17.9 15.0 22.4

71 30.7 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: BG037834.D

Acq: 6 Nov 2018 11:34

Tgt Ion: 136 Resp: 272128

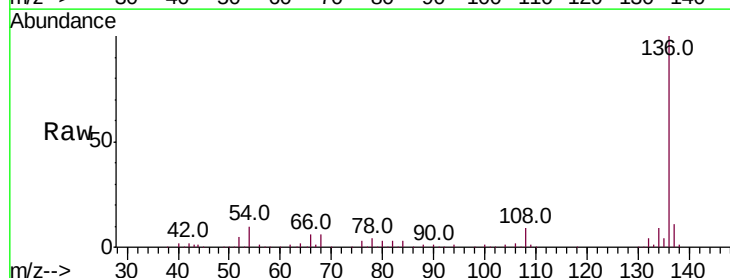
Ion Ratio Lower Upper

136 100

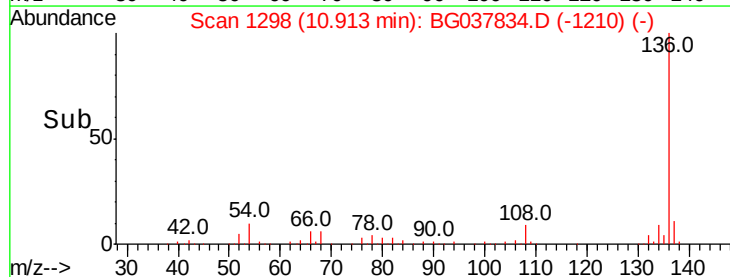
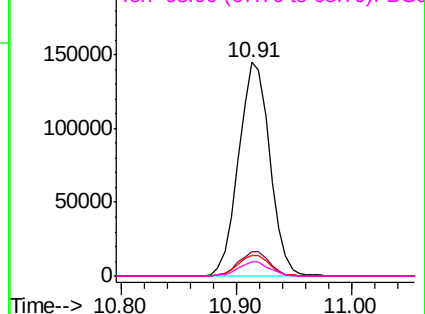
137 11.3 9.6 14.4

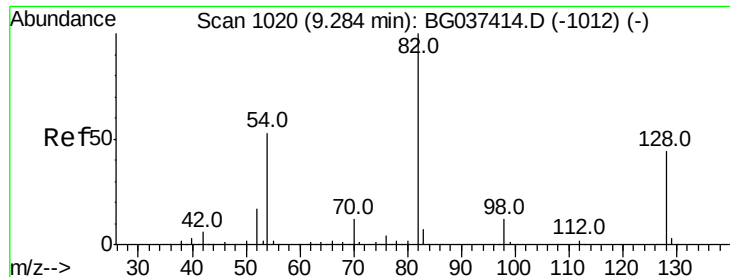
54 9.8 7.9 11.9

68 6.4 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

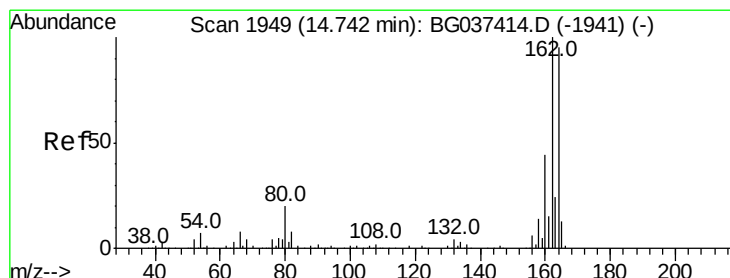
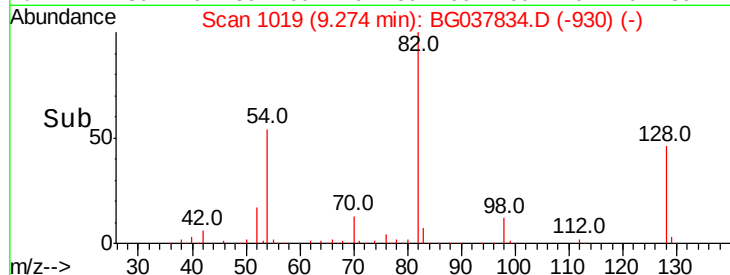
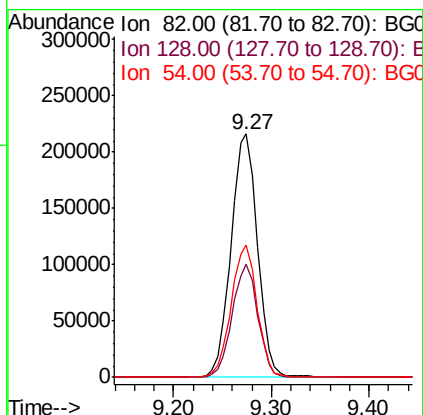
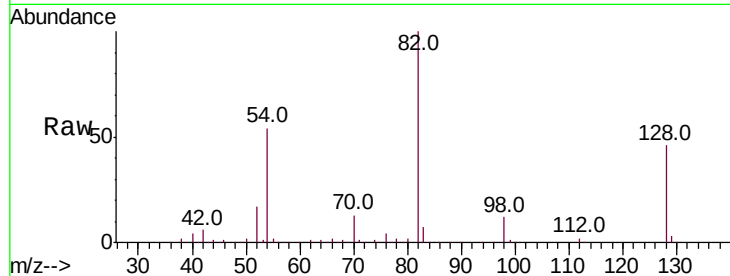




#23
Nitrobenzene-d5
Concen: 83.867 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037834.D
Acq: 6 Nov 2018 11:34

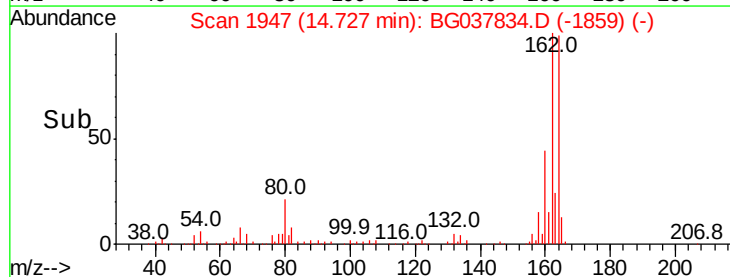
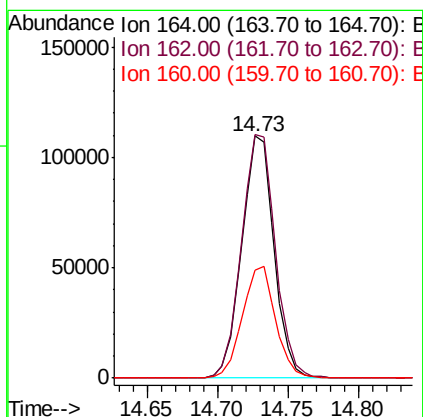
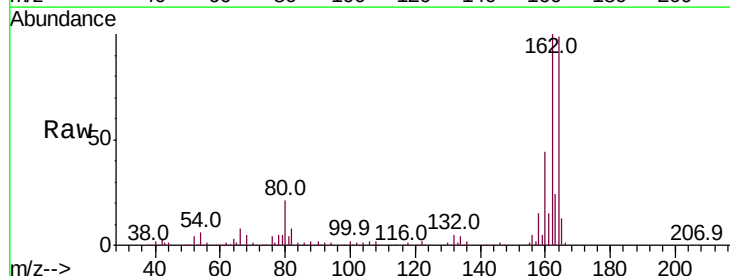
Instrument :
BNA_G
ClientSampleId :
JC-03-110218-H

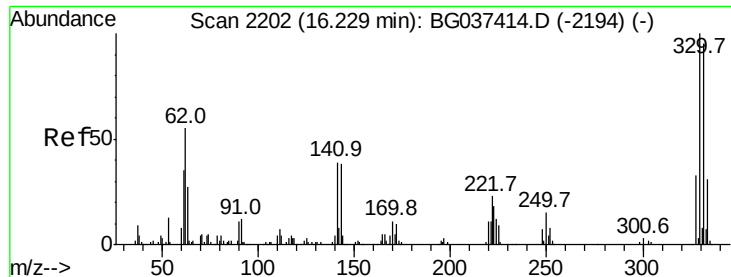
Tot Ion: 82 Resp: 407409
Ion Ratio Lower Upper
82 100
128 46.4 34.6 51.8
54 54.5 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG037834.D
Acq: 6 Nov 2018 11:34

Tgt Ion: 164 Resp: 175537
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 44.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 102.765 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037834.D

Acq: 6 Nov 2018 11:34

Instrument :

BNA_G

ClientSampleId :

JC-03-110218-H

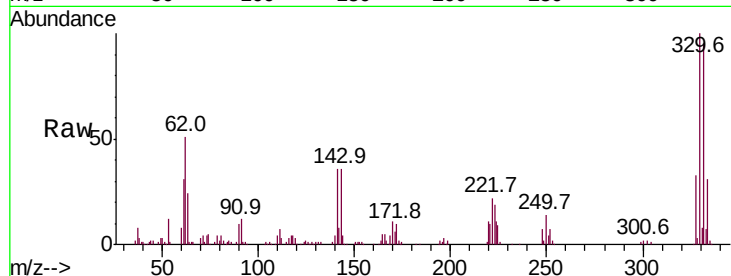
Tot Ion:330 Resp: 196750

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

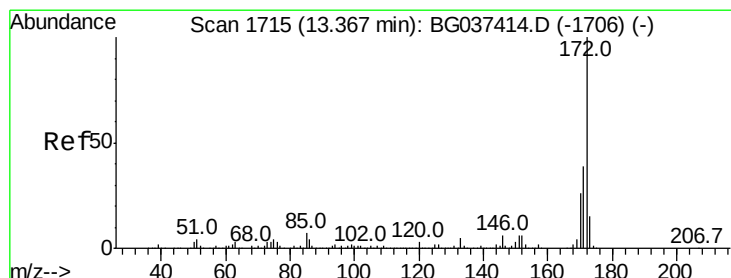
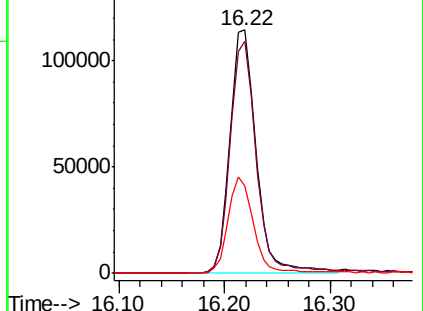
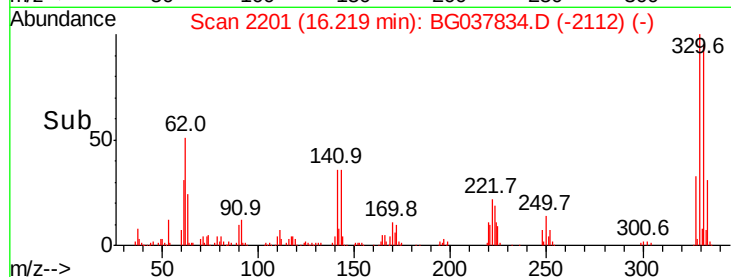
141 38.4 32.2 48.2



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: 84.882 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BG037834.D

Acq: 6 Nov 2018 11:34

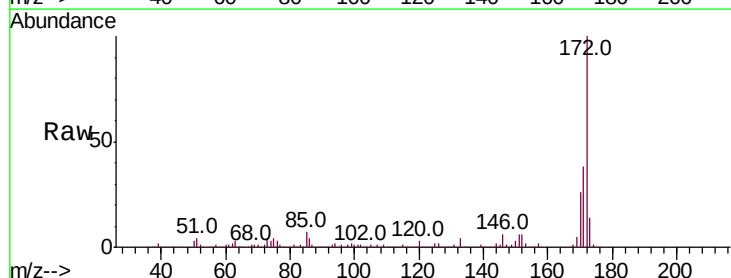
Tgt Ion:172 Resp: 988101

Ion Ratio Lower Upper

172 100

171 38.4 31.0 46.4

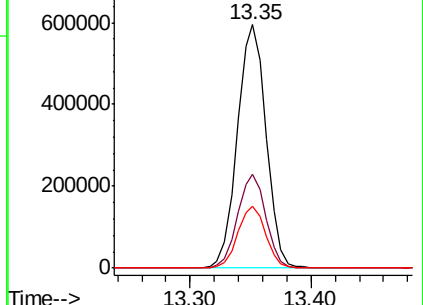
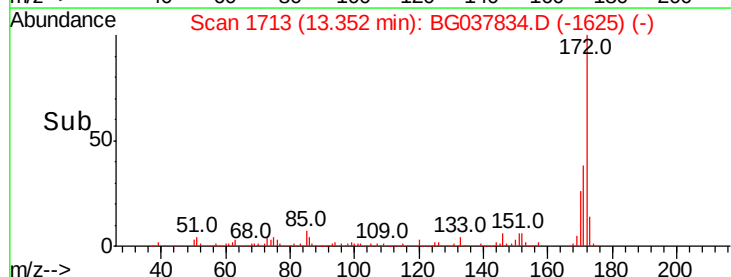
170 25.6 20.2 30.2

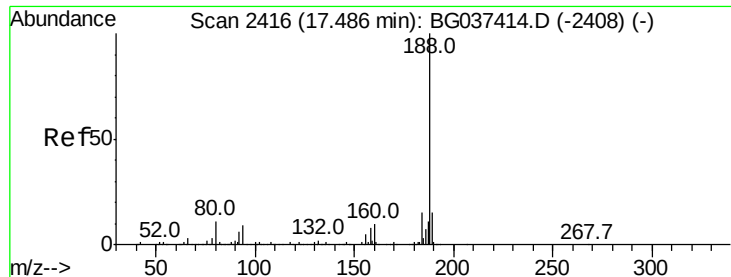


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

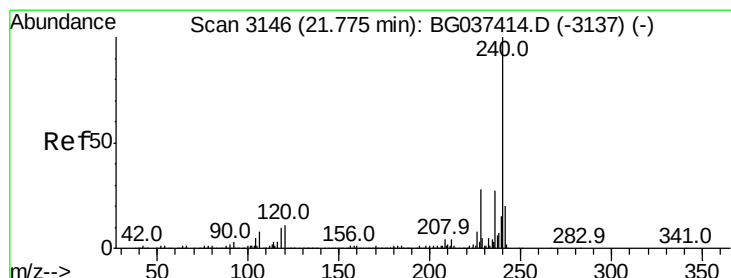
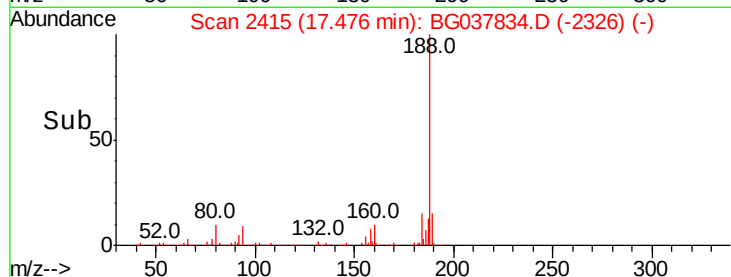
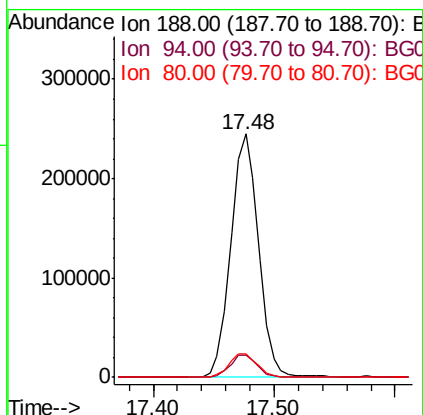
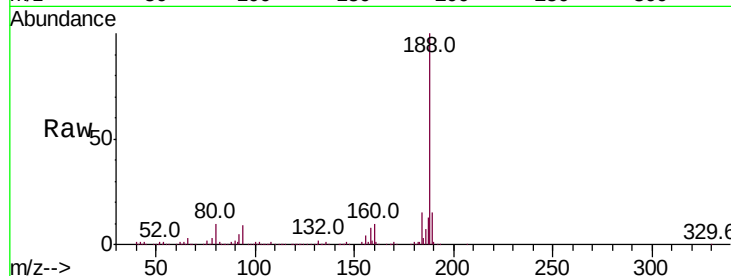




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037834.D
Acq: 6 Nov 2018 11:34

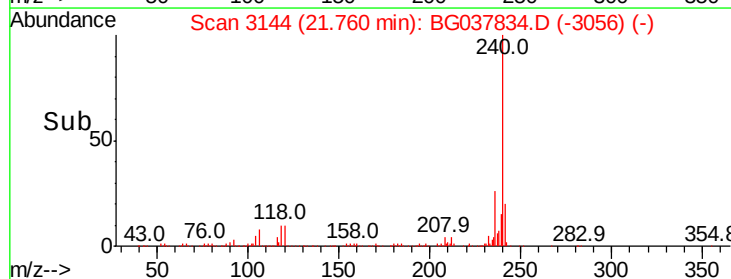
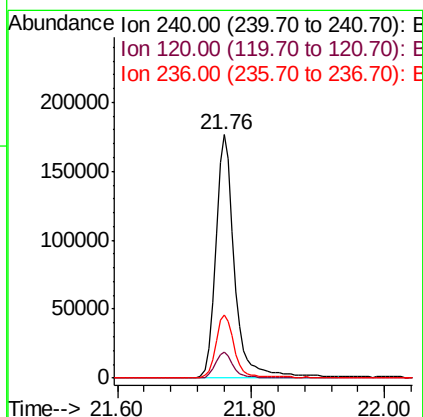
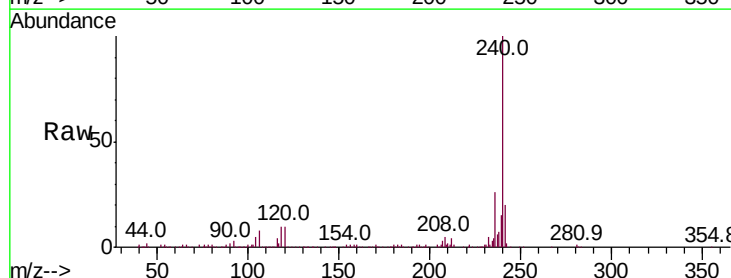
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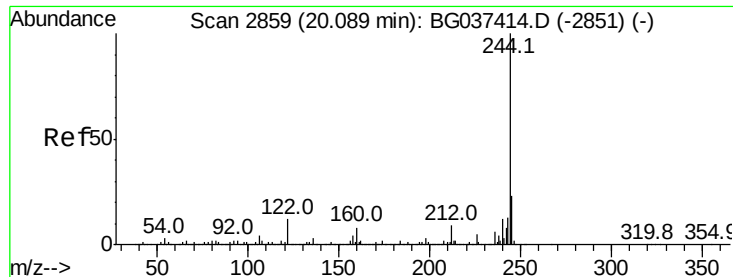
Tot Ion:188 Resp: 391922
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037834.D
Acq: 6 Nov 2018 11:34

Tgt Ion:240 Resp: 351953
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 26.2 21.4 32.0





#79

Terphenyl-d14

Concen: 84.558 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037834.D

Acq: 6 Nov 2018 11:34

Instrument :

BNA_G

ClientSampleId :

JC-03-110218-H

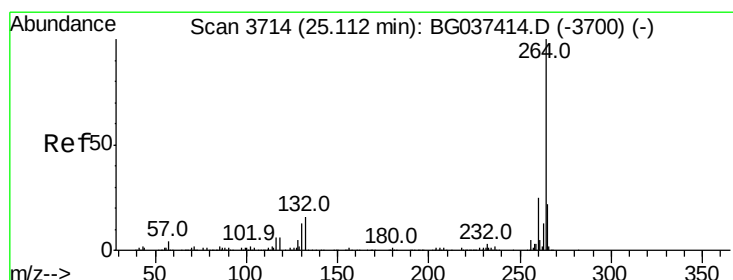
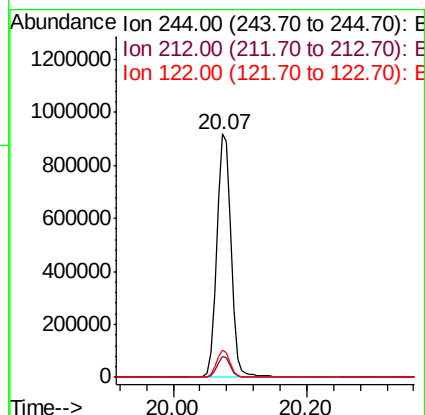
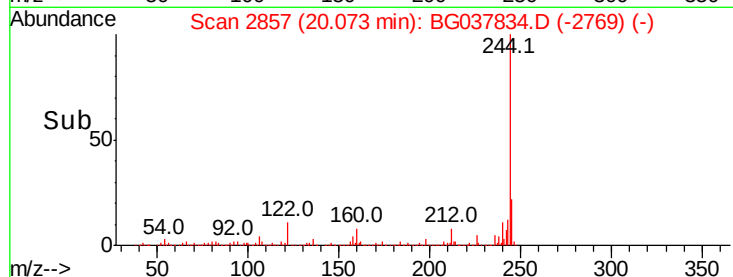
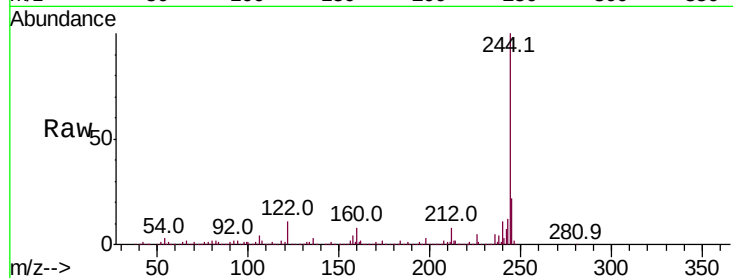
Tot Ion:244 Resp: 1392786

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 11.5 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037834.D

Acq: 6 Nov 2018 11:34

Tgt Ion:264 Resp: 289081

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

265 20.8 17.9 26.9

