

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037781.D
 Acq On : 3 Nov 2018 8:26
 Operator : JU/SJ
 Sample : J5767-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-110118-C

Quant Time: Nov 05 04:38:29 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	57075	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	257230	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	172186	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	384770	20.00	ng	0.00
76) Chrysene-d12	21.77	240	342875	20.00	ng	0.00
87) Perylene-d12	25.10	264	281589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	382661	112.09	ng	0.00
7) Phenol-d6	7.24	99	499879	96.83	ng	0.00
23) Nitrobenzene-d5	9.27	82	383756	83.57	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	189746	101.04	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	936701	82.03	ng	-0.02
79) Terphenyl-d14	20.08	244	1365263	85.08	ng	0.00

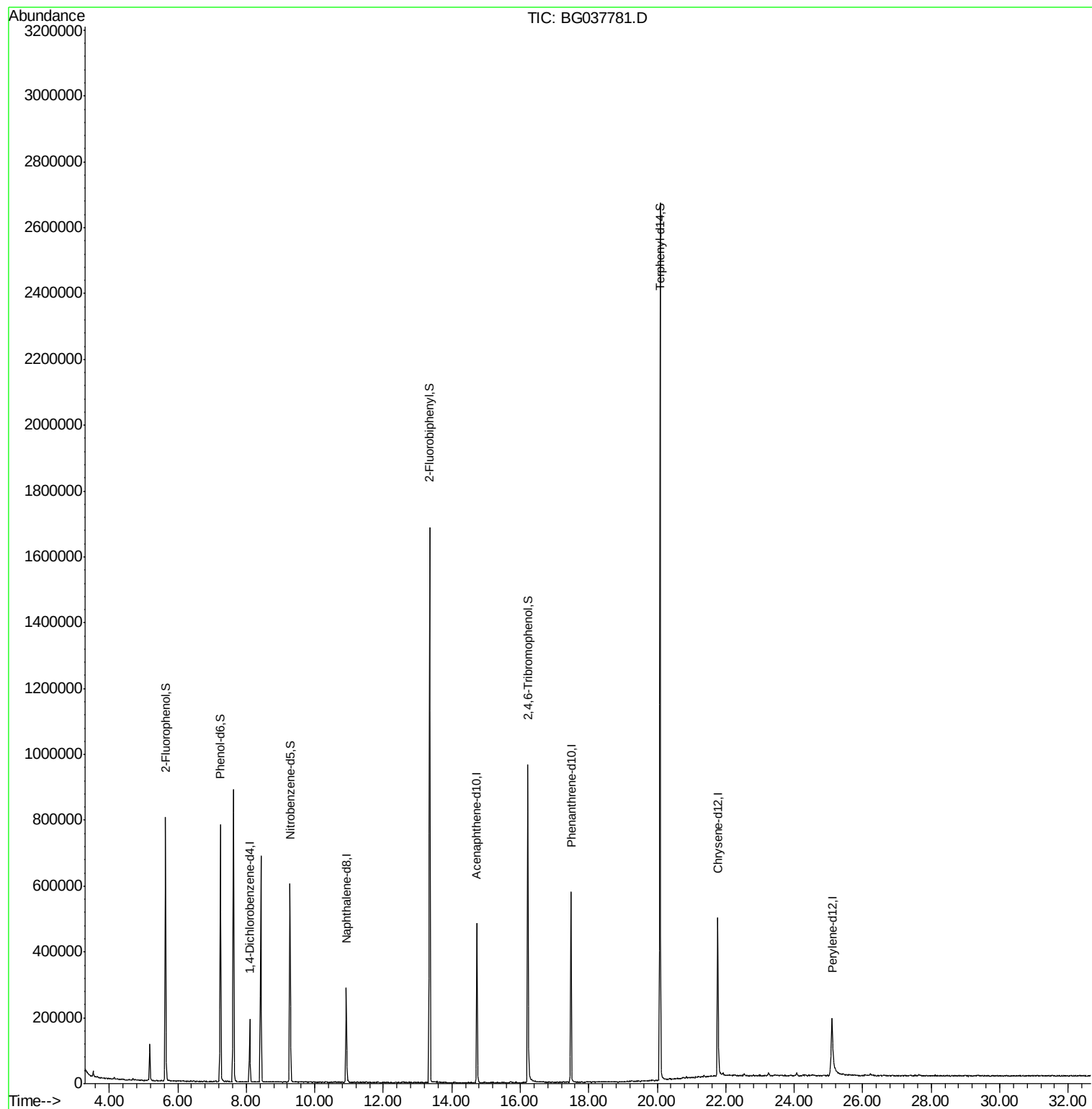
Target Compounds Qvalue

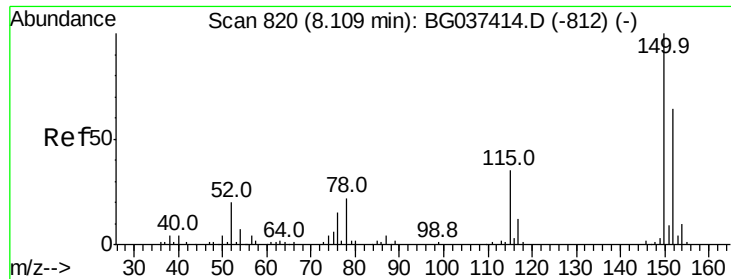
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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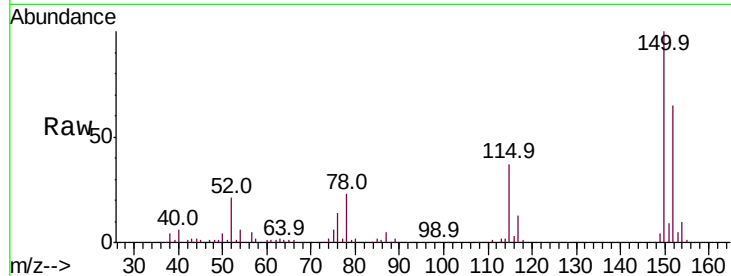


#1

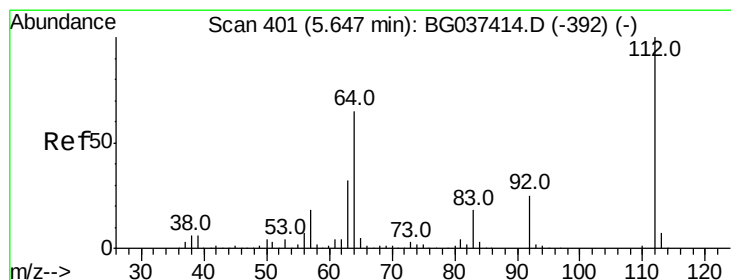
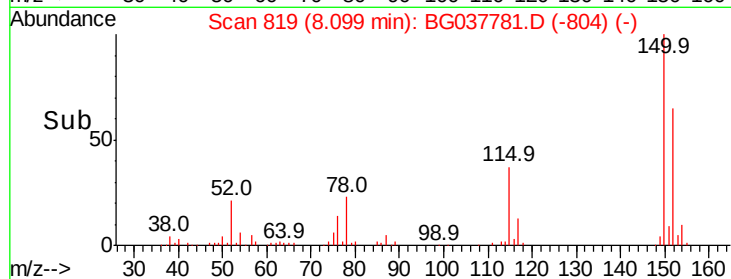
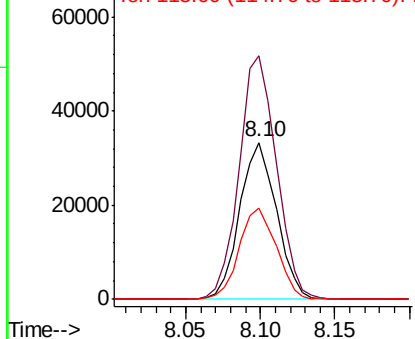
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037781.D
Acq: 3 Nov 2018 8:26

Instrument :
BNA_G
ClientSampleId :
CL-02-110118-C

Tot Ion:152 Resp: 57075
Ion Ratio Lower Upper
152 100
150 155.0 126.0 189.0
115 58.1 45.5 68.3



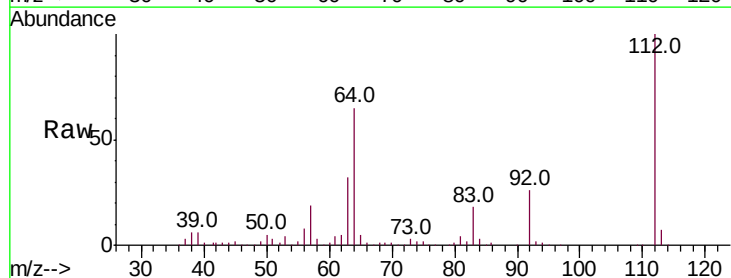
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



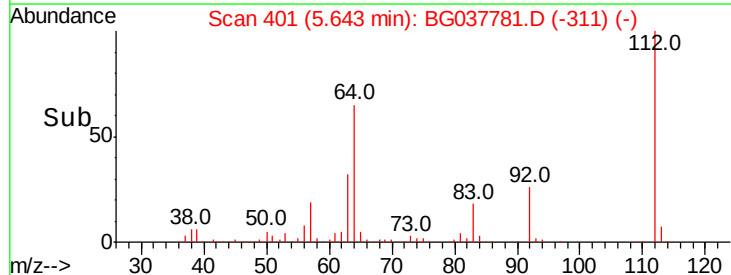
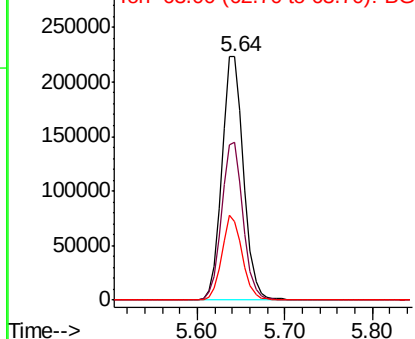
#5

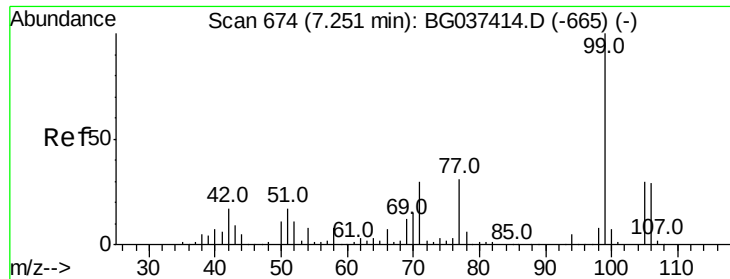
2-Fluorophenol
Concen: 112.090 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037781.D
Acq: 3 Nov 2018 8:26

Tgt Ion:112 Resp: 382661
Ion Ratio Lower Upper
112 100
64 64.6 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 96.834 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037781.D

Acq: 3 Nov 2018 8:26

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-C

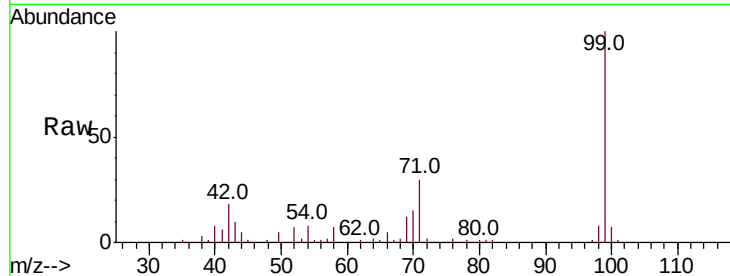
Tot Ion: 99 Resp: 499879

Ion Ratio Lower Upper

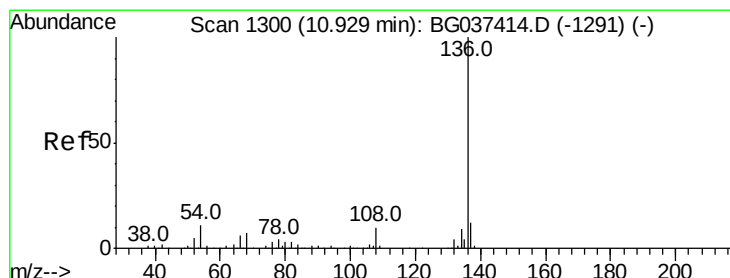
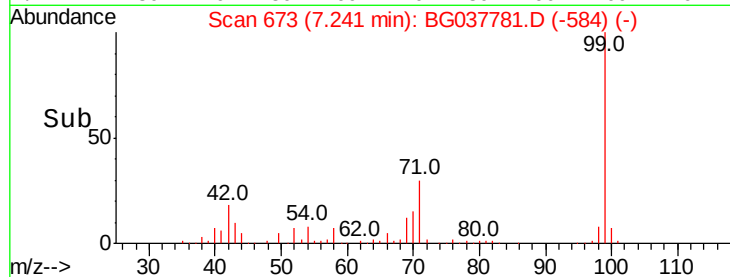
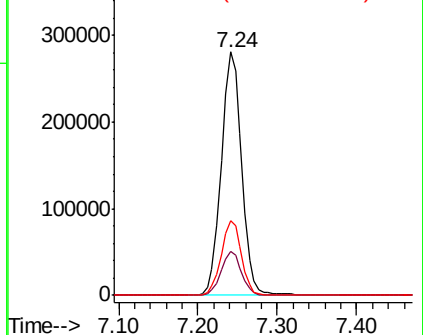
99 100

42 17.9 15.0 22.4

71 30.5 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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037781.D

Acq: 3 Nov 2018 8:26

Tgt Ion: 136 Resp: 257230

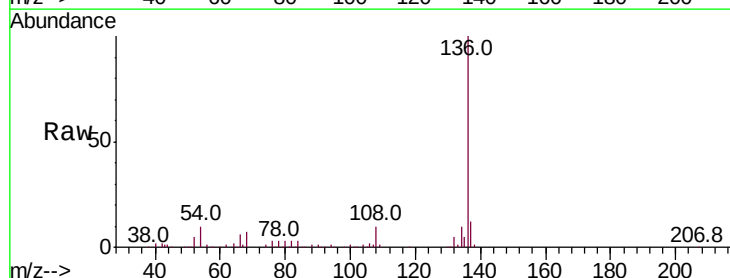
Ion Ratio Lower Upper

136 100

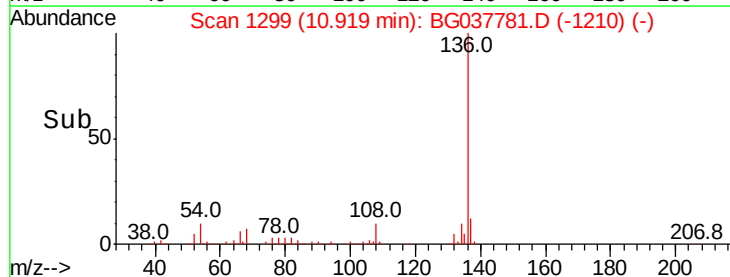
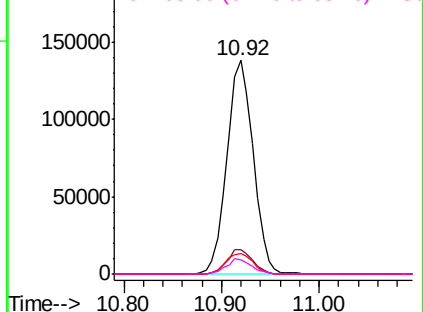
137 11.5 9.6 14.4

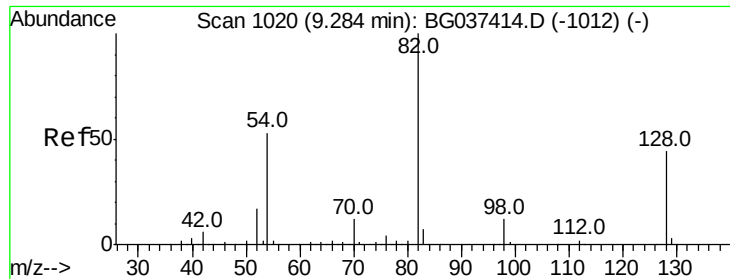
54 9.8 7.9 11.9

68 6.9 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

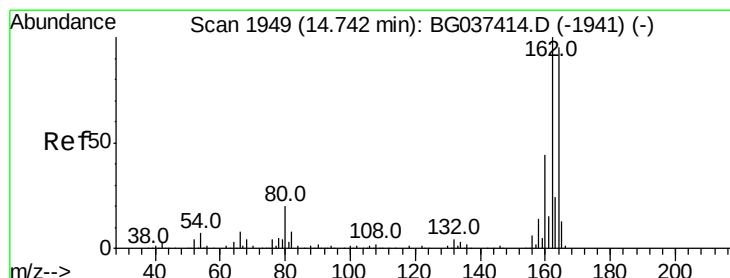
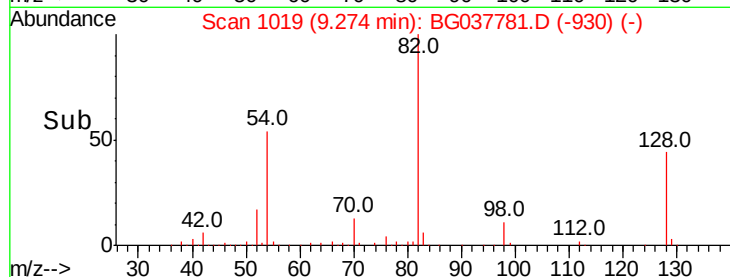
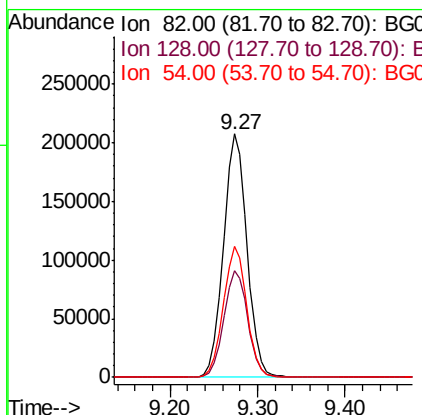
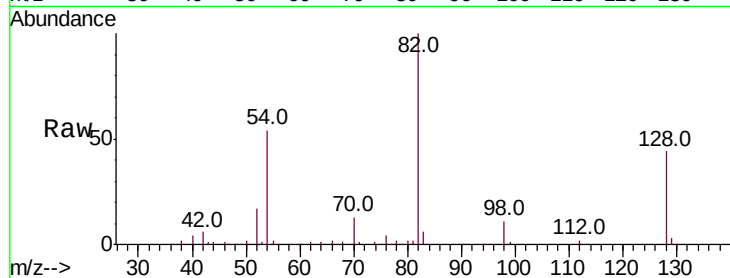




#23
 Nitrobenzene-d5
 Concen: 83.574 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037781.D
 Acq: 3 Nov 2018 8:26

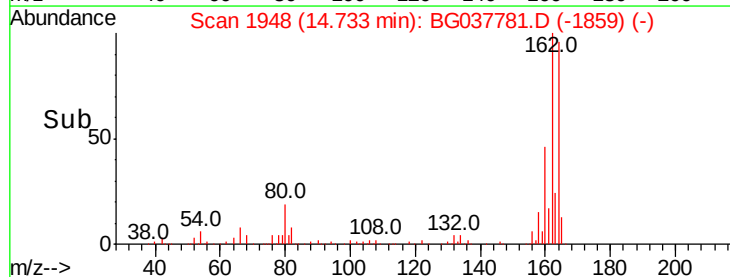
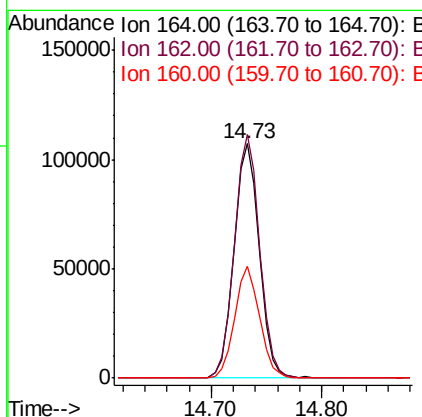
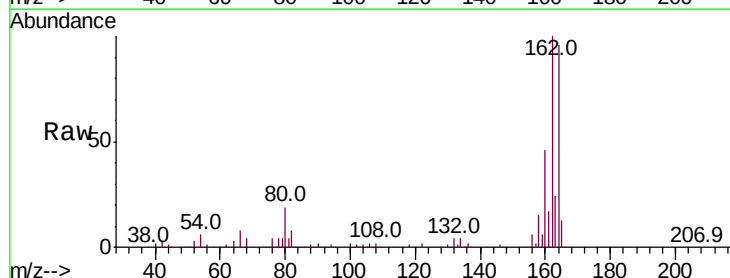
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-110118-C

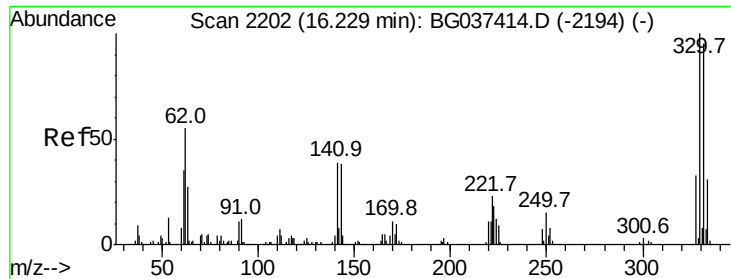
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	53.7	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037781.D
 Acq: 3 Nov 2018 8:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.3	121.9
160	47.5	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 101.035 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037781.D

Acq: 3 Nov 2018 8:26

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-C

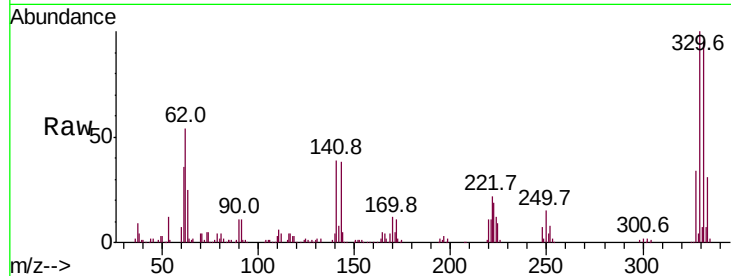
Tot Ion:330 Resp: 189746

Ion Ratio Lower Upper

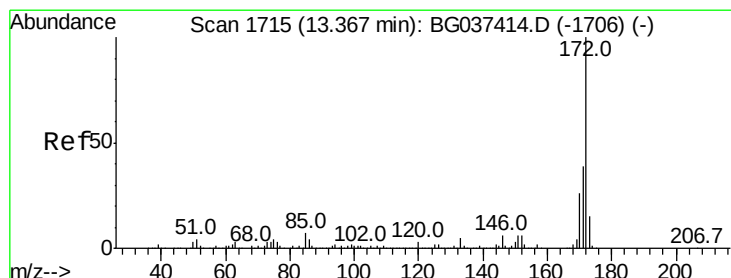
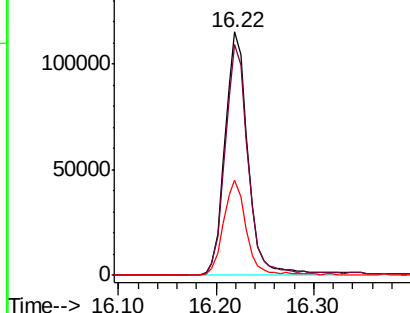
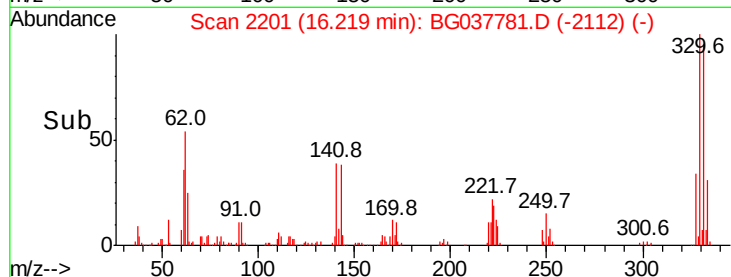
330 100

332 94.8 78.4 117.6

141 38.8 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: 82.033 ng

RT: 13.35 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BG037781.D

Acq: 3 Nov 2018 8:26

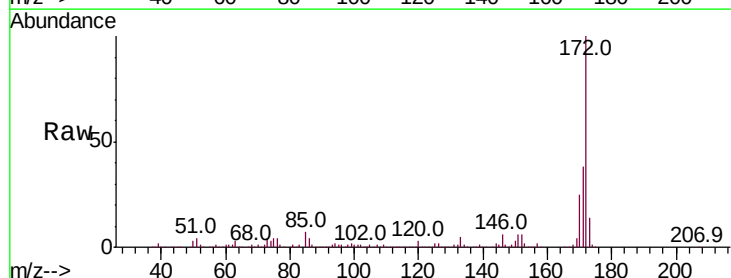
Tgt Ion:172 Resp: 936701

Ion Ratio Lower Upper

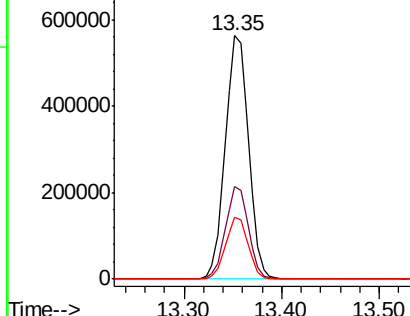
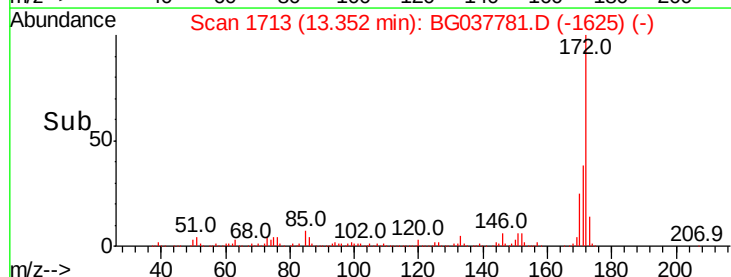
172 100

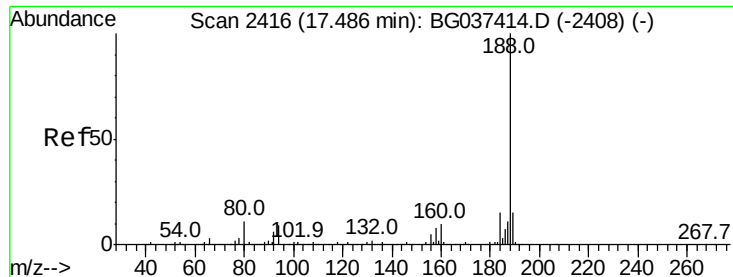
171 37.8 31.0 46.4

170 25.4 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

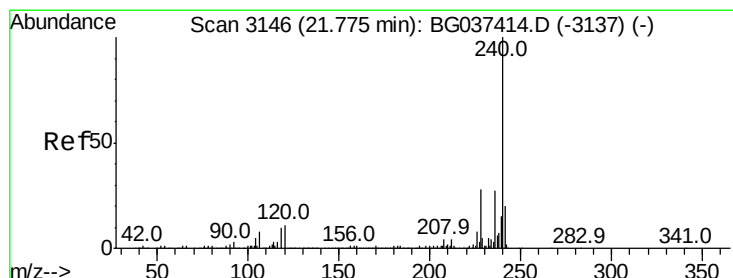
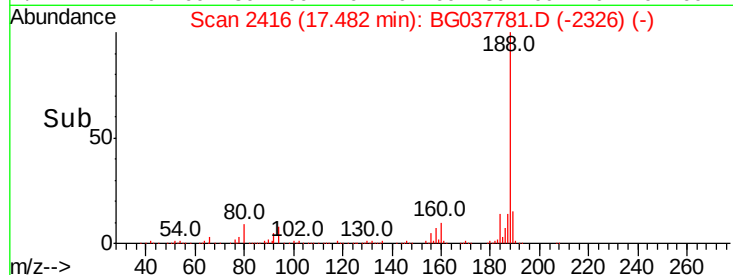
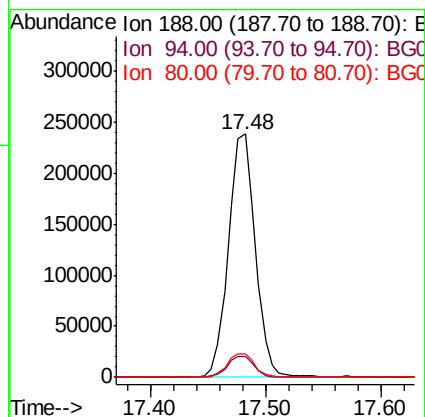
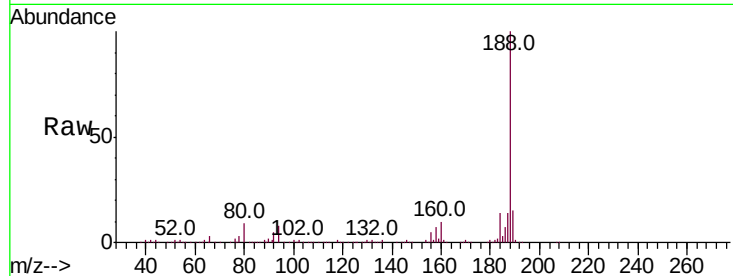




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037781.D
Acq: 3 Nov 2018 8:26

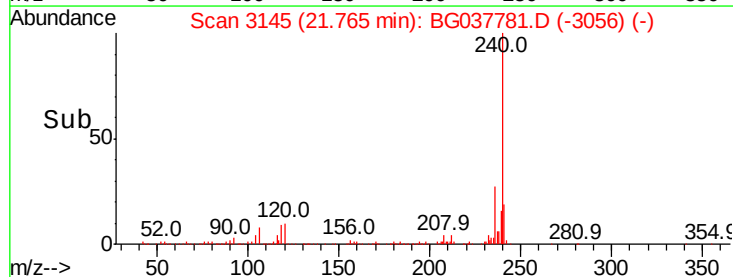
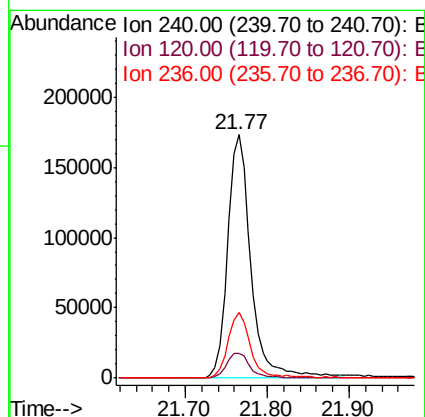
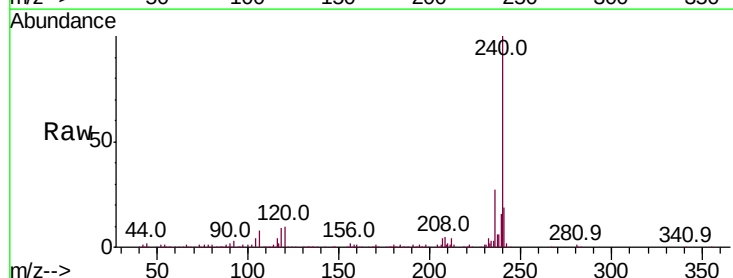
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CL-02-110118-C

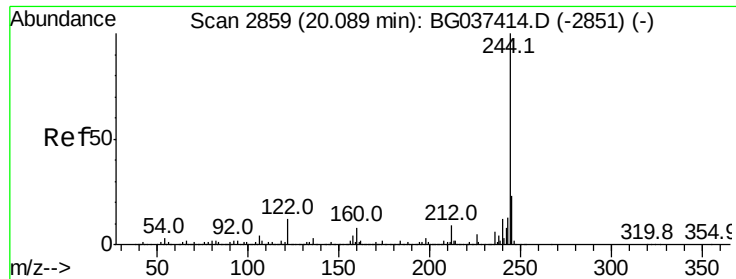
Tot Ion:188 Resp: 384770
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037781.D
Acq: 3 Nov 2018 8:26

Tgt Ion:240 Resp: 342875
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 27.1 21.4 32.0





#79

Terphenyl-d14

Concen: 85.082 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037781.D

Acq: 3 Nov 2018 8:26

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-C

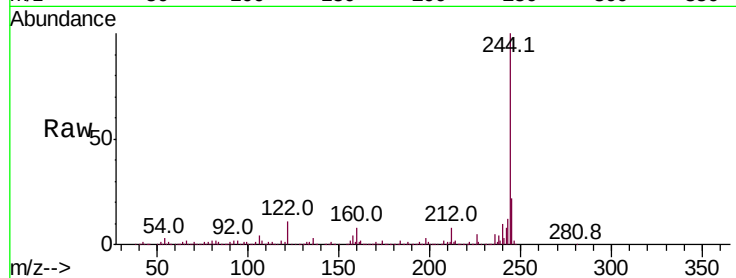
Tot Ion:244 Resp: 1365263

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

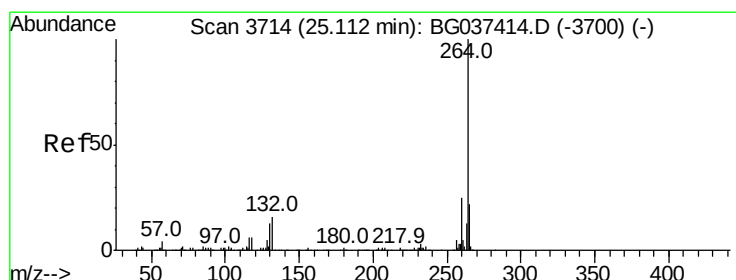
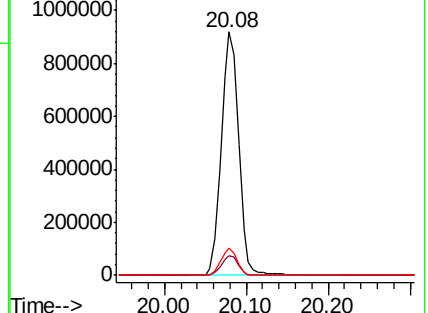
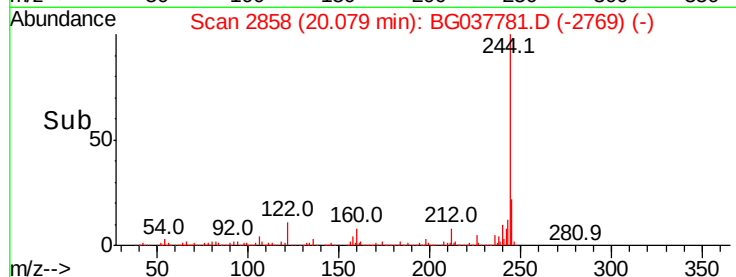
122 11.1 9.0 13.4



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: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037781.D

Acq: 3 Nov 2018 8:26

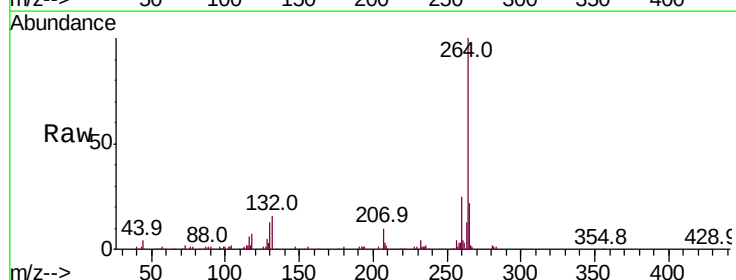
Tgt Ion:264 Resp: 281589

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

265 22.2 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

