

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110618\
 Data File : BG037853.D
 Acq On : 7 Nov 2018 00:35
 Operator : JU/SJ
 Sample : J5815-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HL-R37719-RT

Quant Time: Nov 07 09:45:14 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	8.10	152	52444	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	234196	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	151948	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	338866	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	294977	20.00	ng	-0.02
87) Perylene-d12	25.09	264	231383	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	345898	110.27	ng	-0.01
7) Phenol-d6	7.24	99	448711	94.60	ng	-0.01
23) Nitrobenzene-d5	9.27	82	363729	87.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	169975	102.56	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	891280	88.45	ng	-0.02
79) Terphenyl-d14	20.08	244	1258491	91.16	ng	-0.01

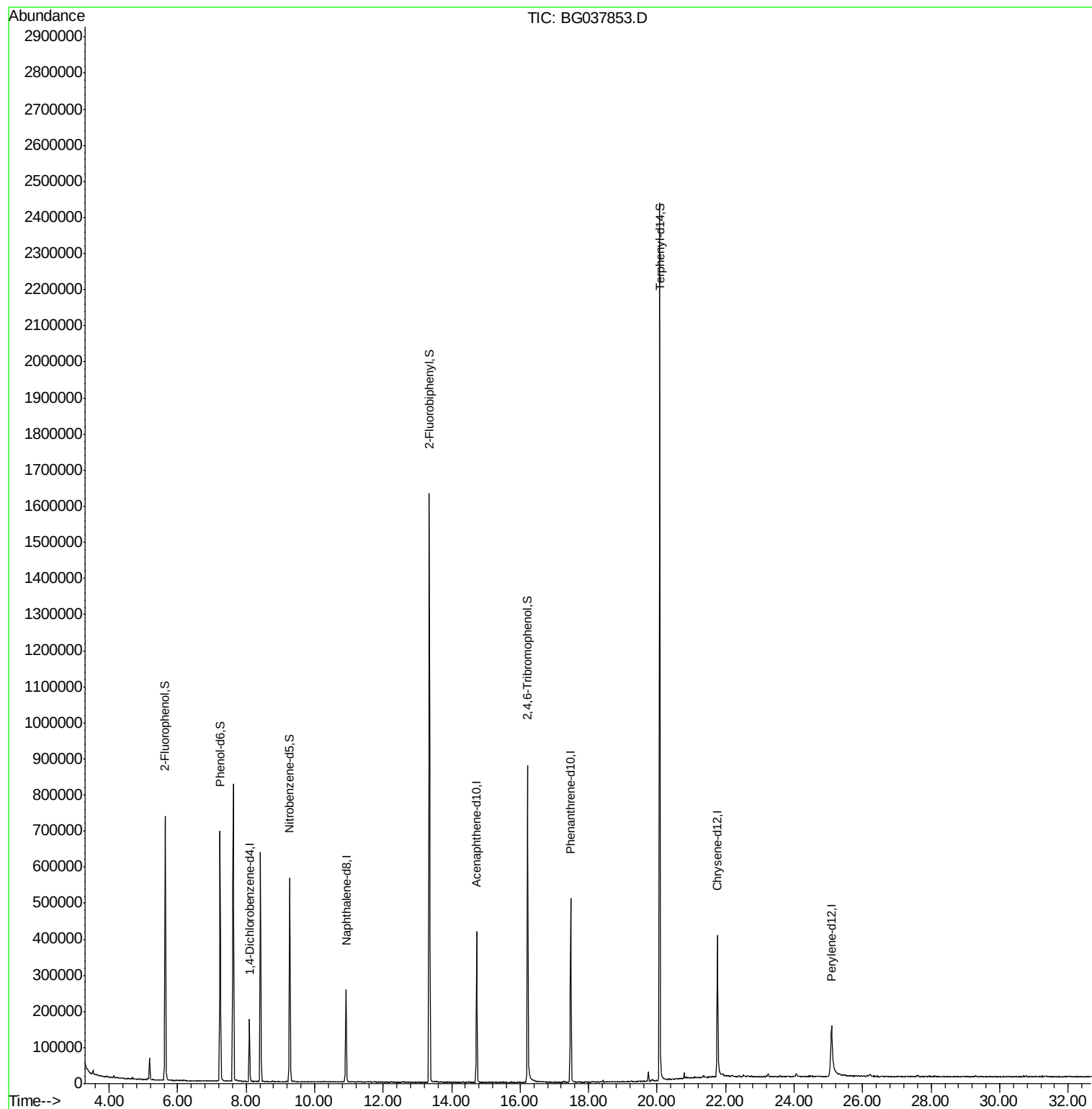
Target Compounds	Qvalue
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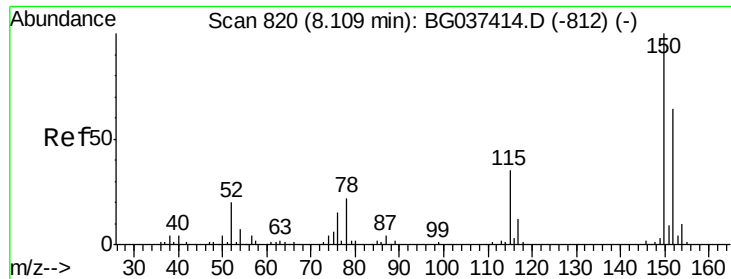
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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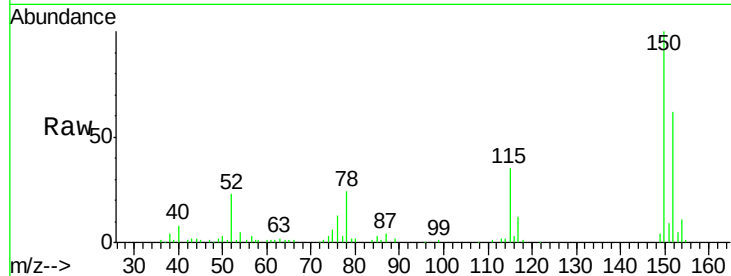


#1

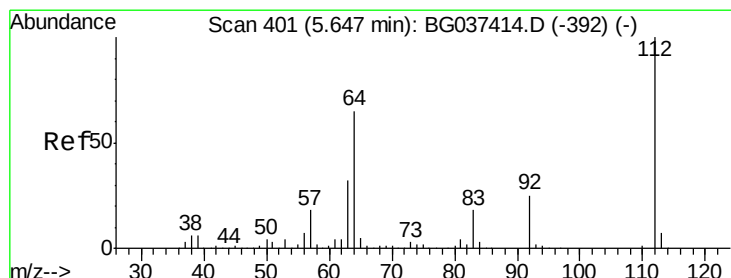
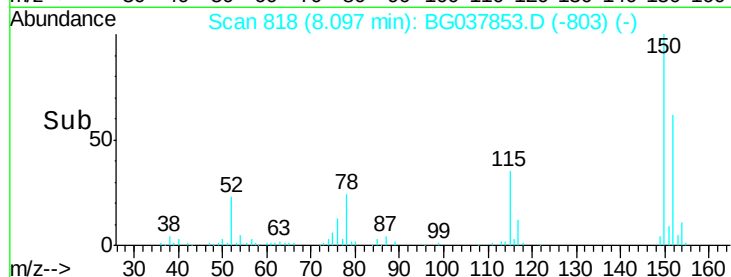
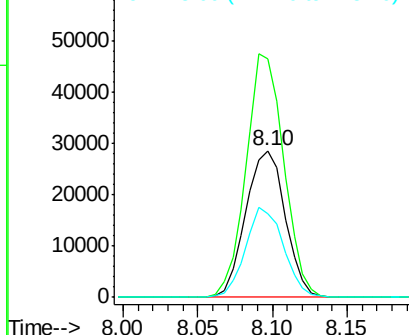
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037853.D
Acq: 7 Nov 2018 00:35

Instrument :
BNA_G
ClientSampleId :
HL-R37719-RT

Tgt Ion:152 Resp: 52444
Ion Ratio Lower Upper
152 100
150 162.2 126.0 189.0
115 56.8 45.5 68.3



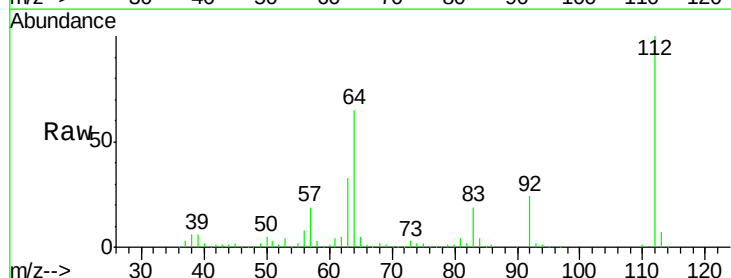
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



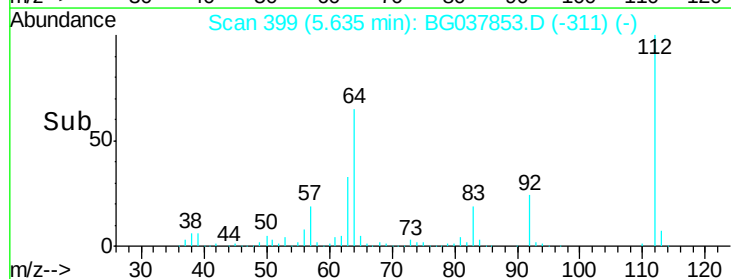
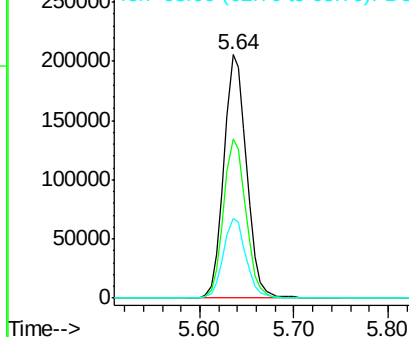
#5

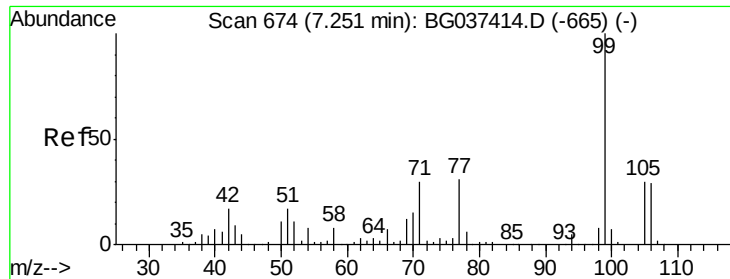
2-Fluorophenol
Concen: 110.268 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037853.D
Acq: 7 Nov 2018 00:35

Tgt Ion:112 Resp: 345898
Ion Ratio Lower Upper
112 100
64 65.2 53.1 79.7
63 32.5 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: 94.598 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037853.D

Acq: 7 Nov 2018 00:35

Instrument :

BNA_G

ClientSampleId :

HL-R37719-RT

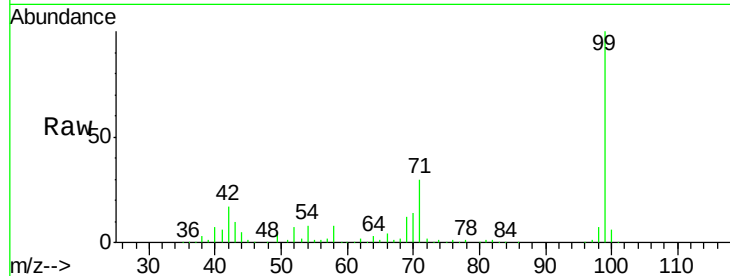
Tgt Ion: 99 Resp: 448711

Ion Ratio Lower Upper

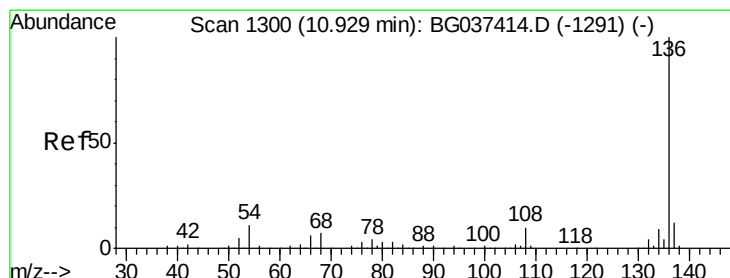
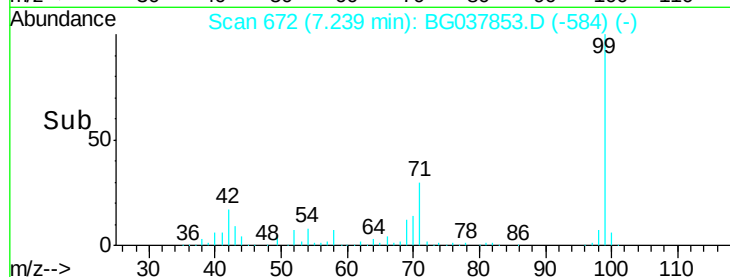
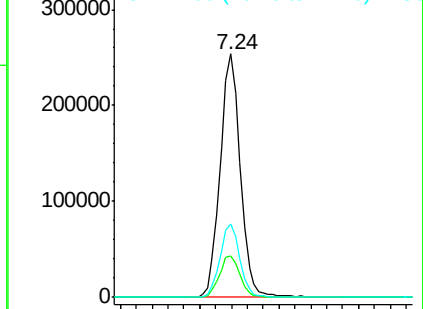
99 100

42 16.7 15.0 22.4

71 30.2 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# 1298

Delta R.T. -0.01 min

Lab File: BG037853.D

Acq: 7 Nov 2018 00:35

Tgt Ion: 136 Resp: 234196

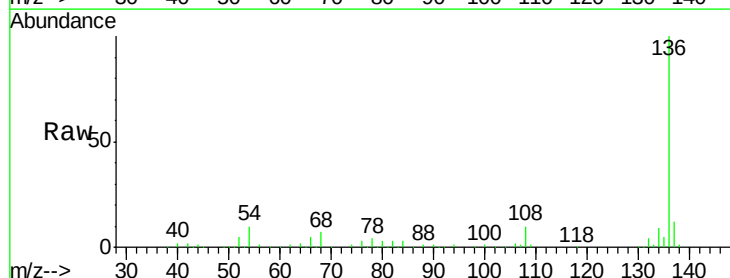
Ion Ratio Lower Upper

136 100

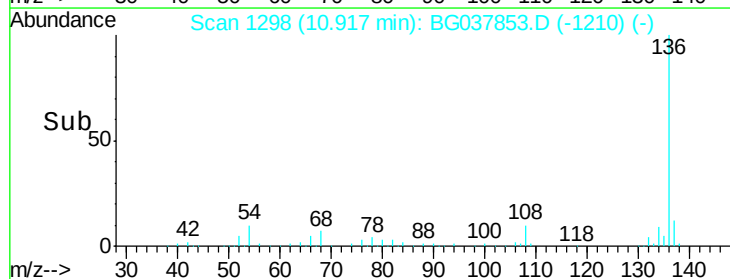
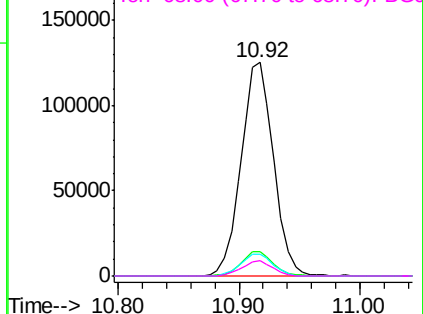
137 11.6 9.6 14.4

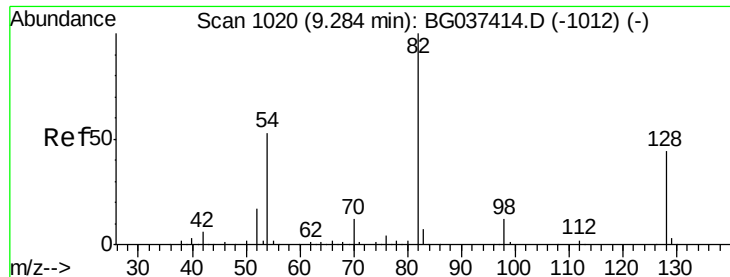
54 10.0 7.9 11.9

68 7.0 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

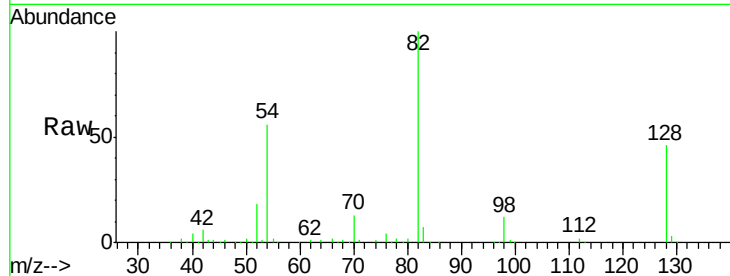




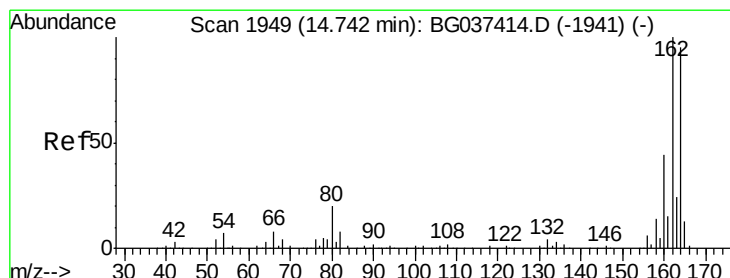
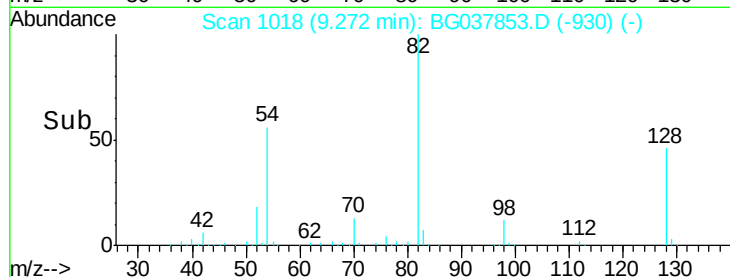
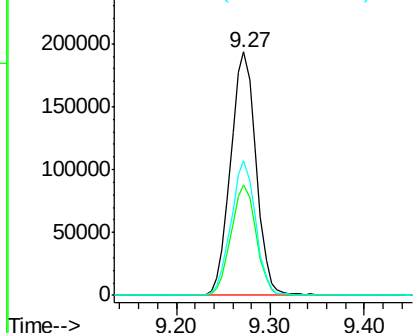
#23
 Nitrobenzene-d5
 Concen: 87.003 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037853.D
 Acq: 7 Nov 2018 00:35

Instrument :
 BNA_G
 ClientSampleId :
 HL-R37719-RT

Tgt Ion: 82 Resp: 363729
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.6 51.8
 54 55.5 45.3 67.9

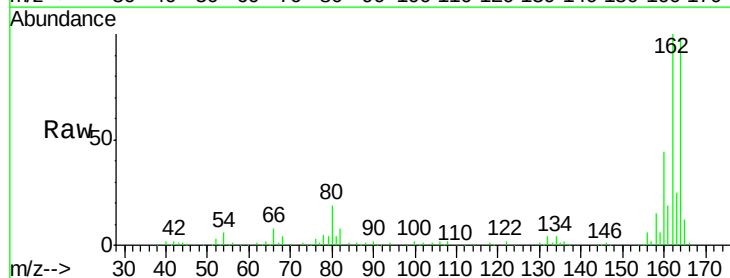


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

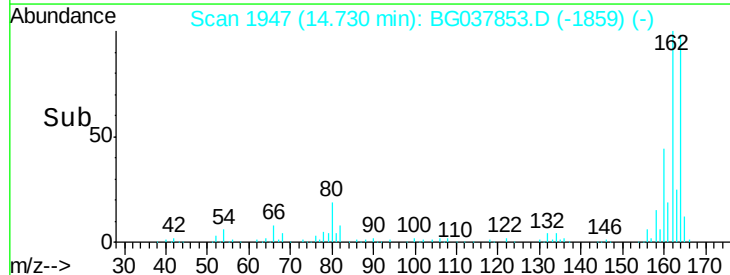
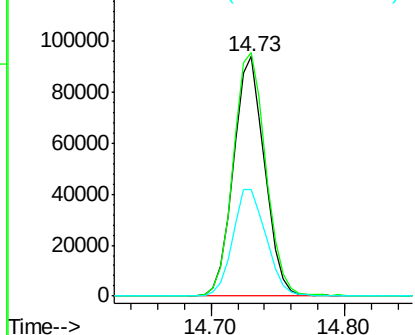


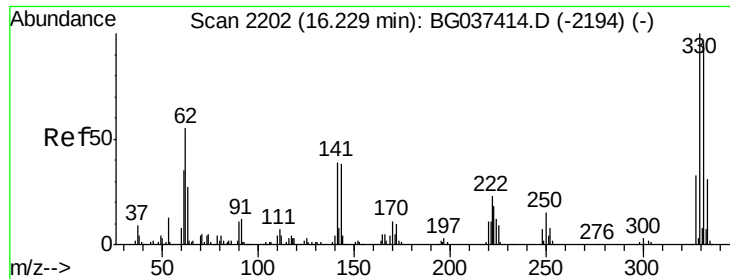
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037853.D
 Acq: 7 Nov 2018 00:35

Tgt Ion: 164 Resp: 151948
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.3 121.9
 160 44.3 36.3 54.5



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

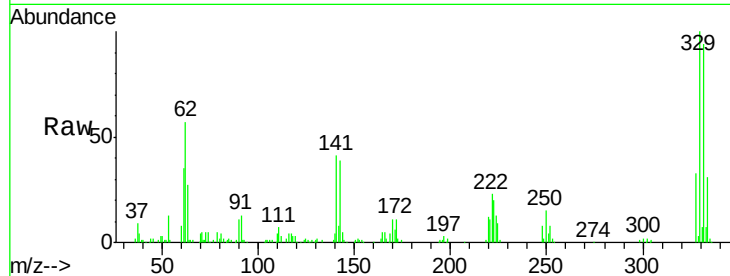




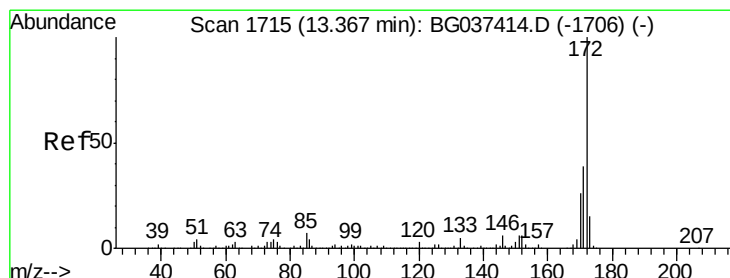
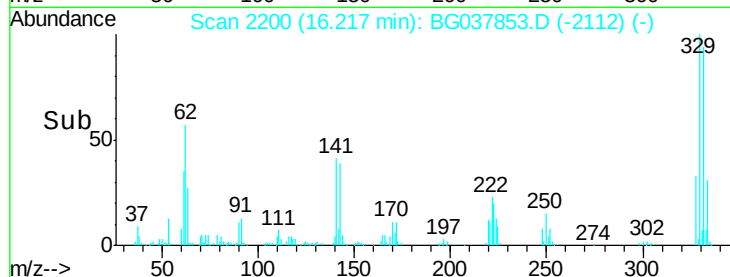
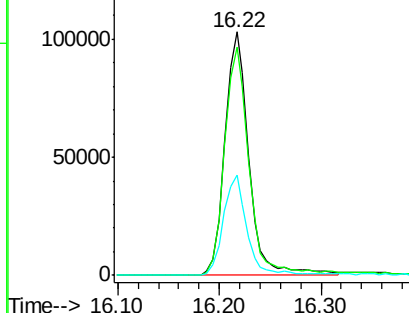
#42
 2,4,6-Tribromophenol
 Concen: 102.563 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037853.D
 Acq: 7 Nov 2018 00:35

Instrument :
 BNA_G
 ClientSampleId :
 HL-R37719-RT

Tgt Ion:330 Resp: 169975
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.4 117.6
 141 40.5 32.2 48.2

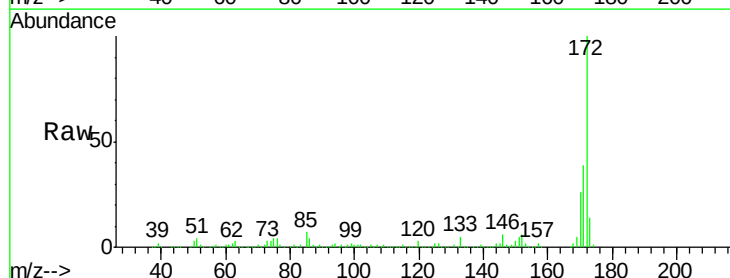


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

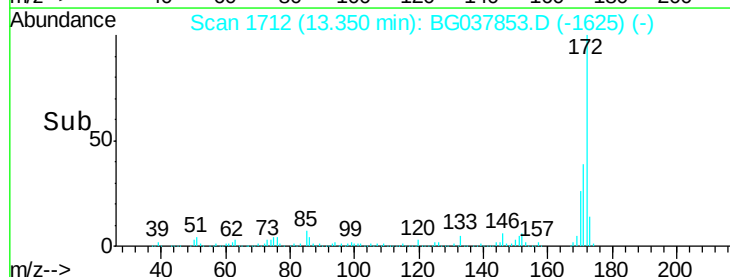
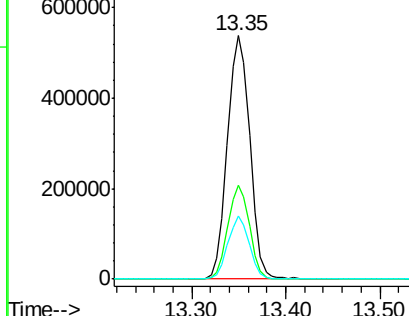


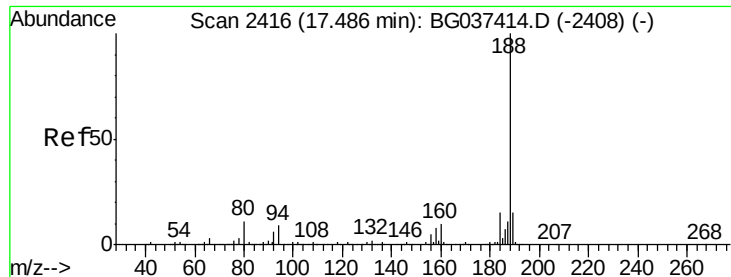
#45
 2-Fluorobiphenyl
 Concen: 88.451 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037853.D
 Acq: 7 Nov 2018 00:35

Tgt Ion:172 Resp: 891280
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.0 46.4
 170 25.9 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

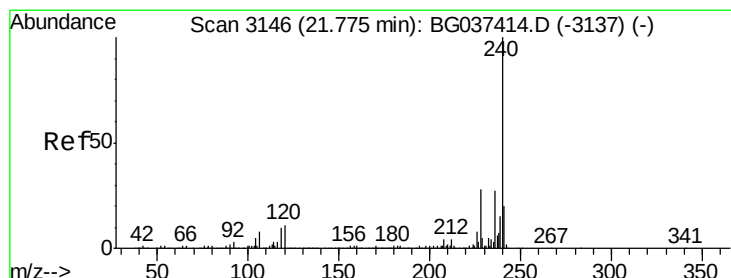
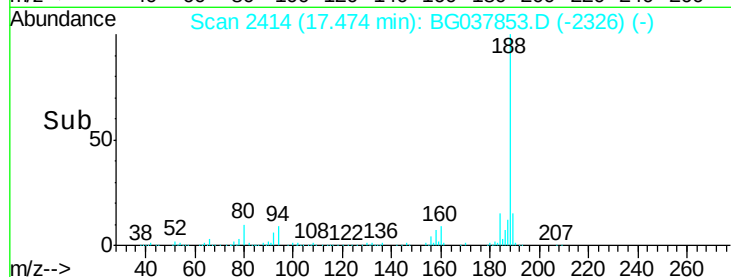
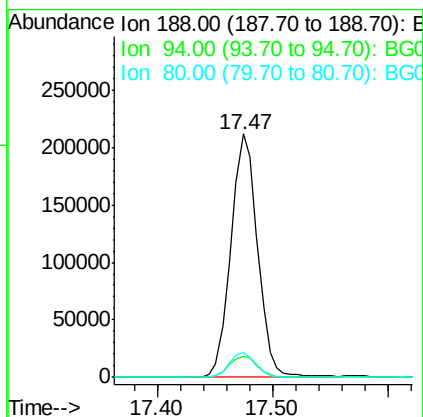
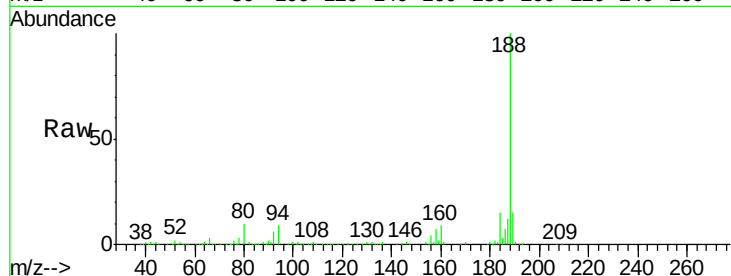




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037853.D
Acq: 7 Nov 2018 00:35

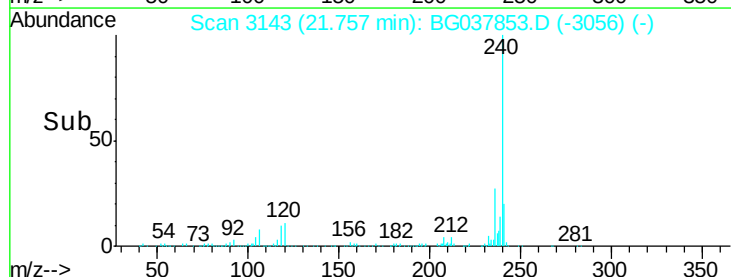
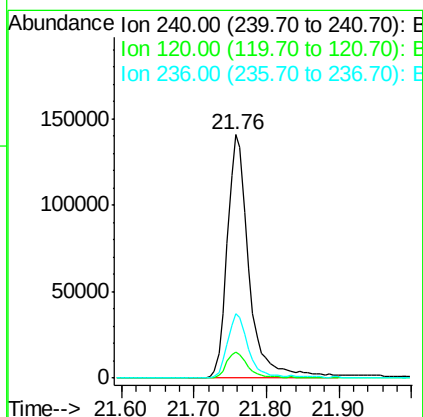
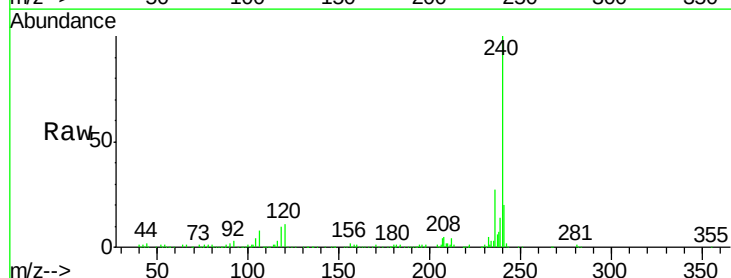
Instrument :
BNA_G
ClientSampleId :
HL-R37719-RT

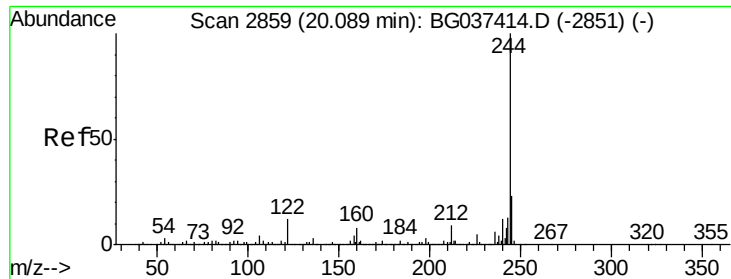
Tgt Ion:188 Resp: 338866
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037853.D
Acq: 7 Nov 2018 00:35

Tgt Ion:240 Resp: 294977
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 26.7 21.4 32.0





#79

Terphenyl-d14

Concen: 91.163 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037853.D

Acq: 7 Nov 2018 00:35

Instrument :

BNA_G

ClientSampleId :

HL-R37719-RT

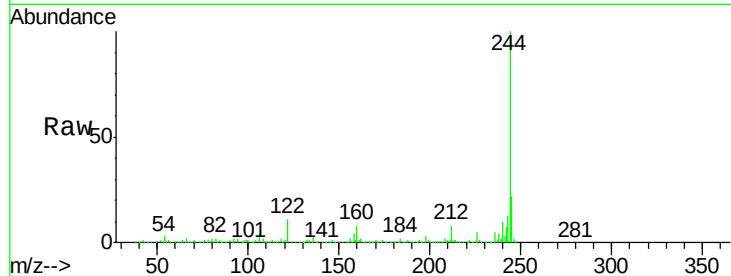
Tgt Ion:244 Resp: 1258491

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

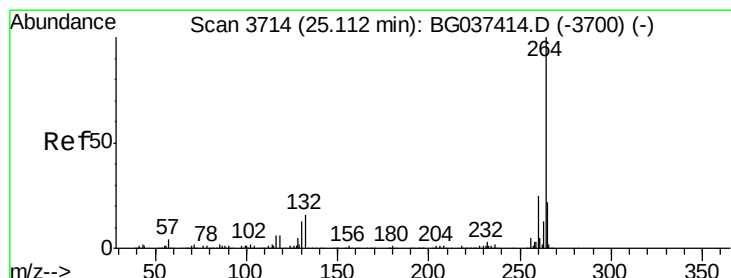
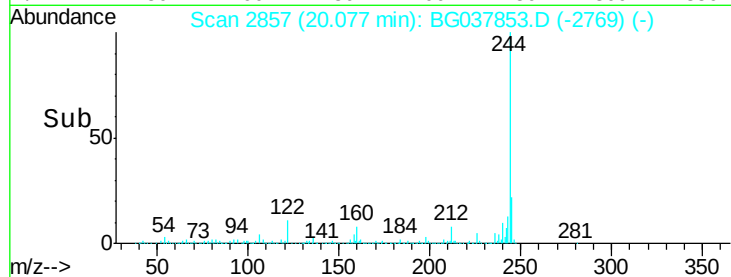
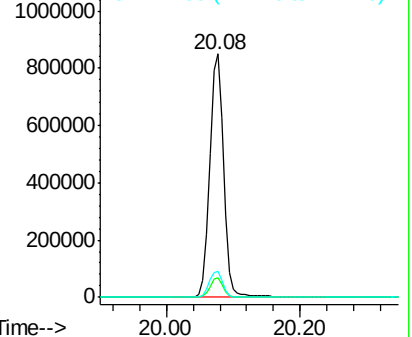
122 10.5 9.0 13.4



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. -0.02 min

Lab File: BG037853.D

Acq: 7 Nov 2018 00:35

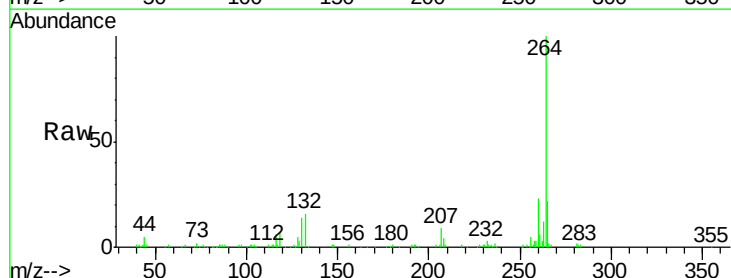
Tgt Ion:264 Resp: 231383

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 22.1 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

