

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110618\
 Data File : BG037841.D
 Acq On : 6 Nov 2018 16:47
 Operator : JU/SJ
 Sample : PB114487BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114487BL

Quant Time: Nov 06 17:29:41 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	52050	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	237579	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	159148	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	351968	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	316978	20.00	ng	-0.01
87) Perylene-d12	25.09	264	241191	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	389069	124.97	ng	-0.01
7) Phenol-d6	7.24	99	573025	121.72	ng	-0.01
23) Nitrobenzene-d5	9.27	82	341661	80.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	183325	105.61	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	876542	83.05	ng	-0.02
79) Terphenyl-d14	20.08	244	1246170	84.01	ng	-0.01

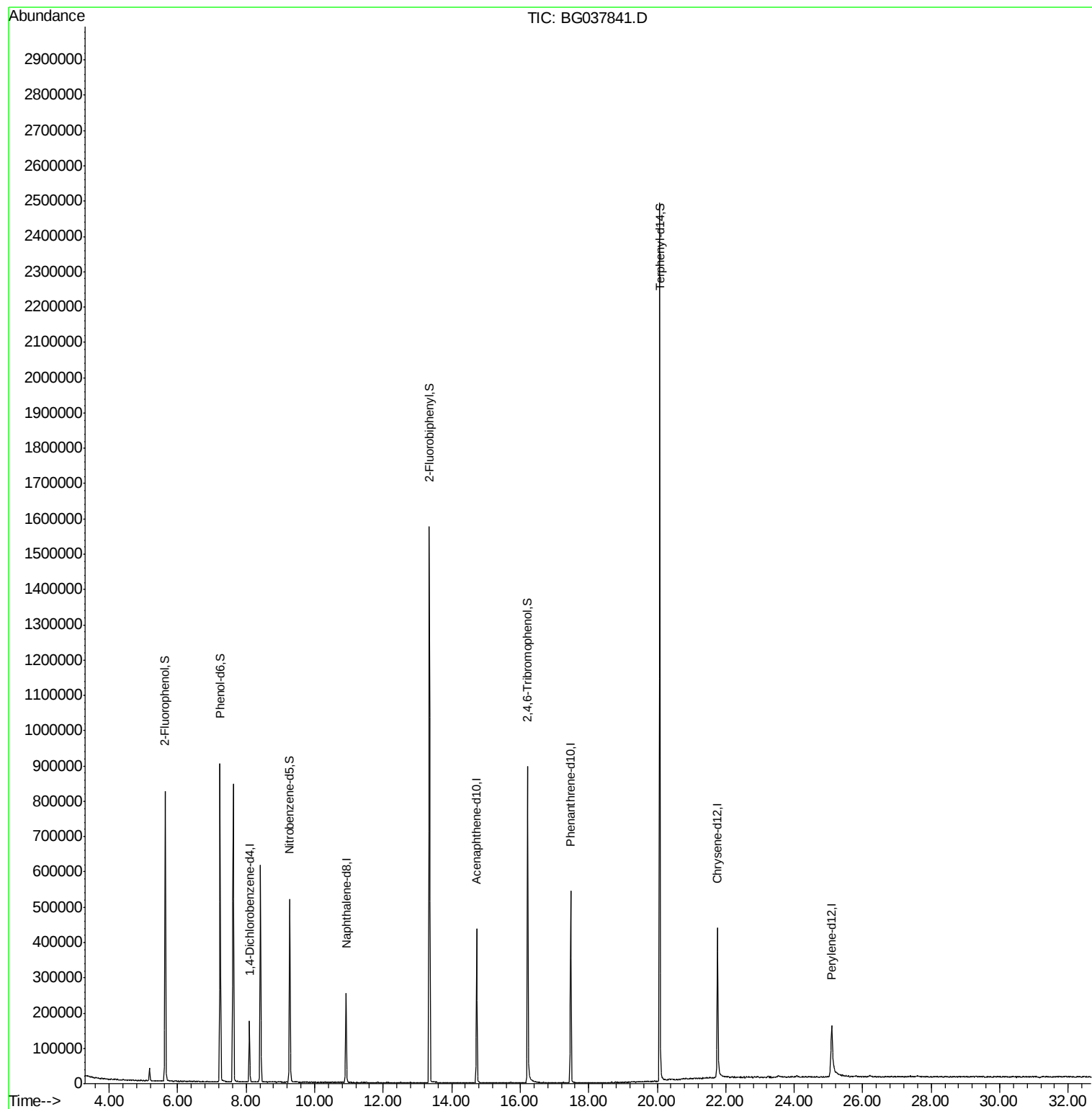
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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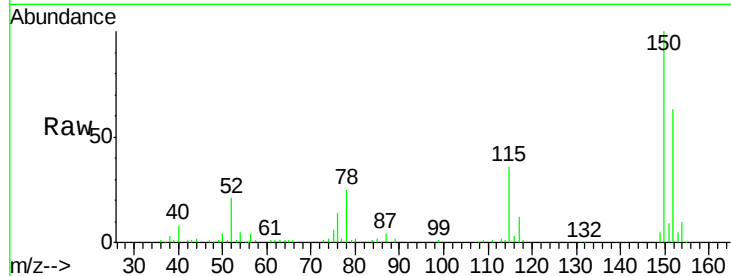


#1

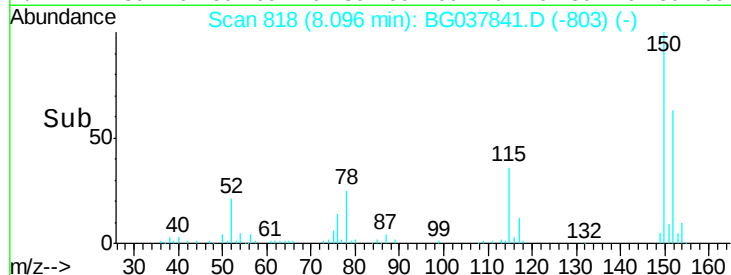
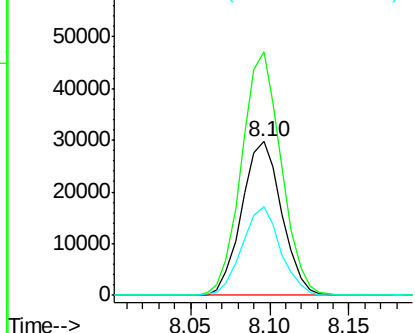
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037841.D
Acq: 6 Nov 2018 16:47

Instrument :
BNA_G
ClientSampleId :
PB114487BL

Tgt Ion:152 Resp: 52050
Ion Ratio Lower Upper
152 100
150 158.3 126.0 189.0
115 57.8 45.5 68.3



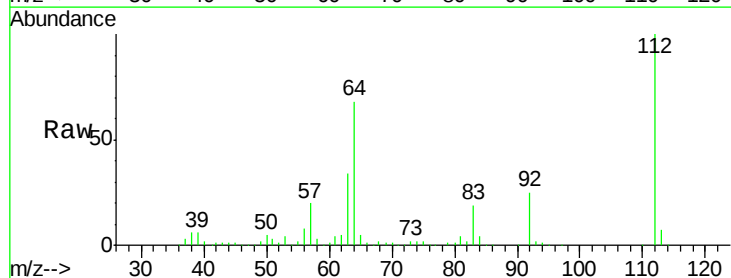
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



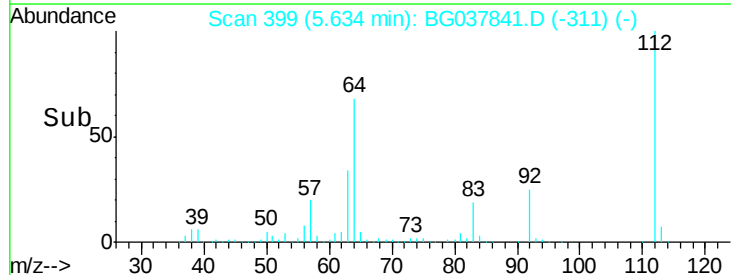
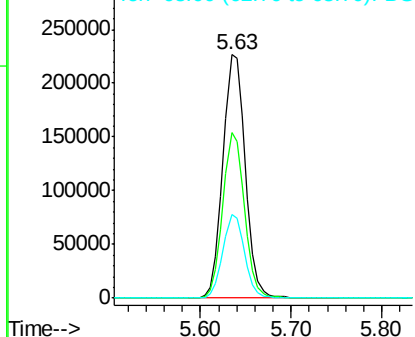
#5

2-Fluorophenol
Concen: 124.970 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037841.D
Acq: 6 Nov 2018 16:47

Tgt Ion:112 Resp: 389069
Ion Ratio Lower Upper
112 100
64 67.7 53.1 79.7
63 34.2 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: 121.720 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037841.D

Acq: 6 Nov 2018 16:47

Instrument :

BNA_G

ClientSampleId :

PB114487BL

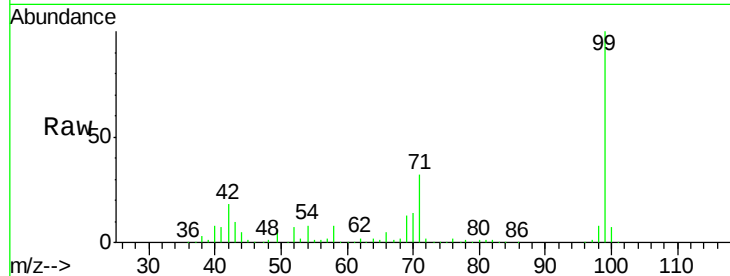
Tgt Ion: 99 Resp: 573025

Ion Ratio Lower Upper

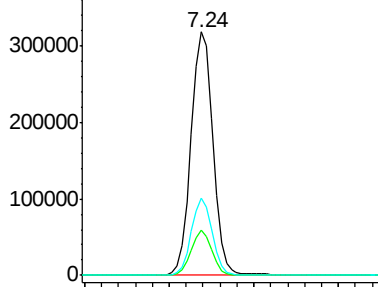
99 100

42 18.5 15.0 22.4

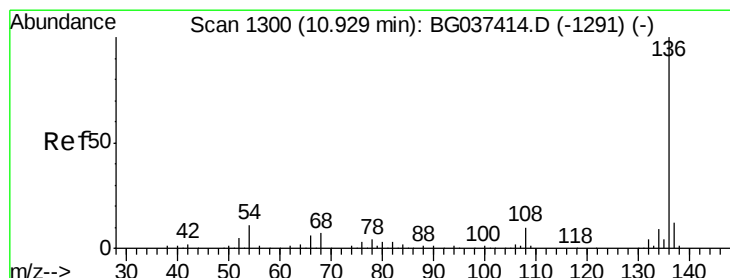
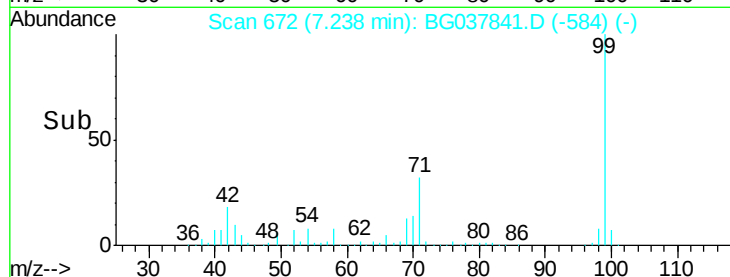
71 31.6 25.5 38.3



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



Time--> 7.10 7.20 7.30 7.40



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037841.D

Acq: 6 Nov 2018 16:47

Tgt Ion: 136 Resp: 237579

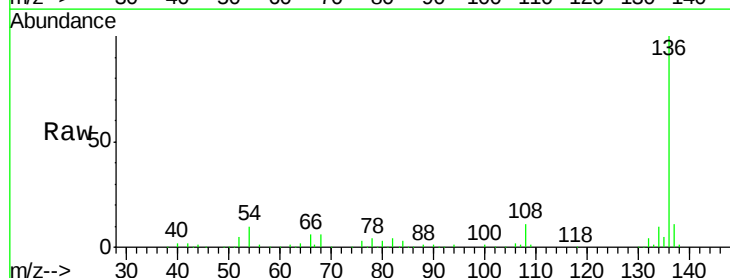
Ion Ratio Lower Upper

136 100

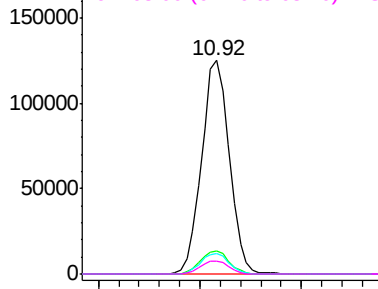
137 10.6 9.6 14.4

54 9.5 7.9 11.9

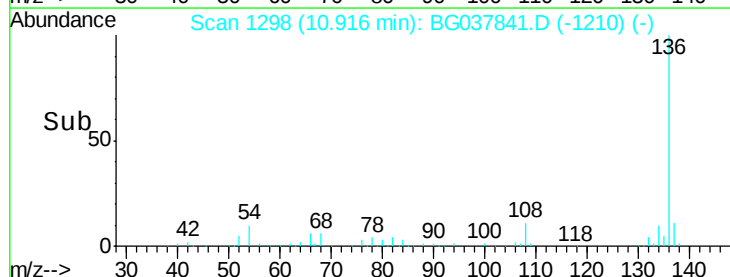
68 6.2 4.8 7.2

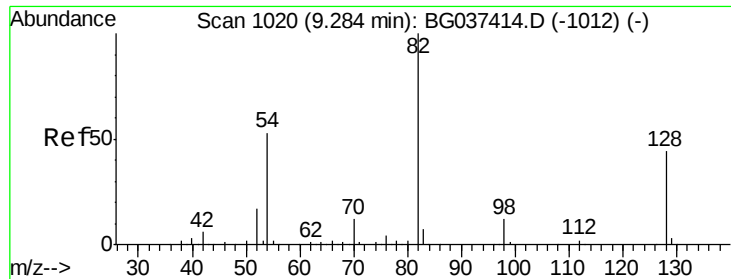


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.80 10.90 11.00

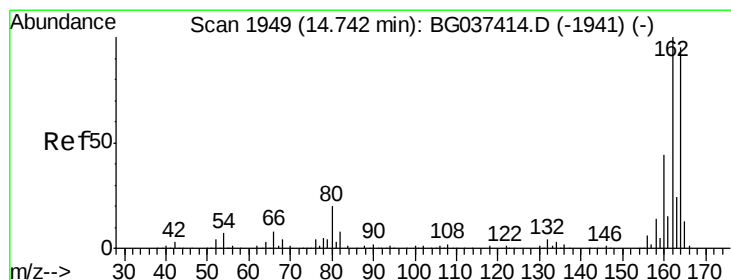
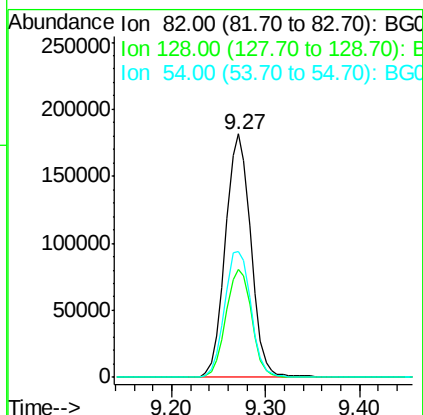
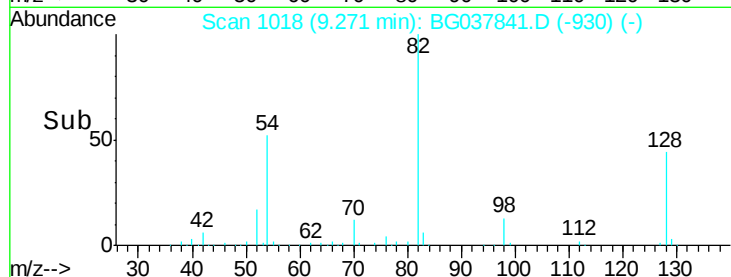
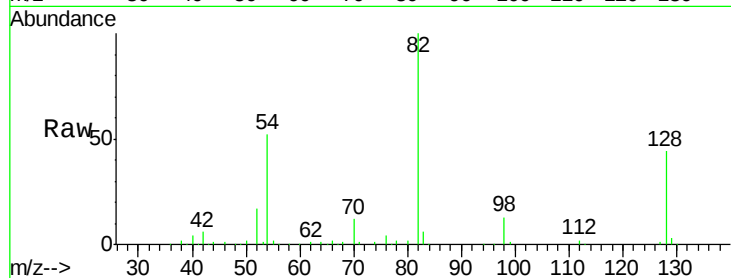




#23
 Nitrobenzene-d5
 Concen: 80.561 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037841.D
 Acq: 6 Nov 2018 16:47

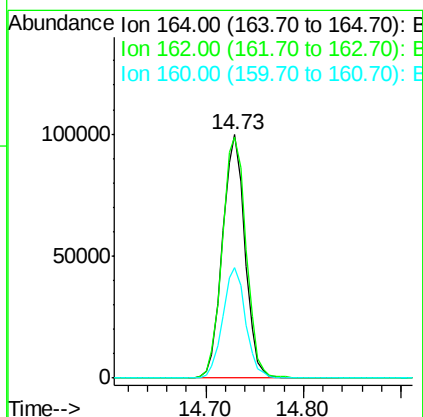
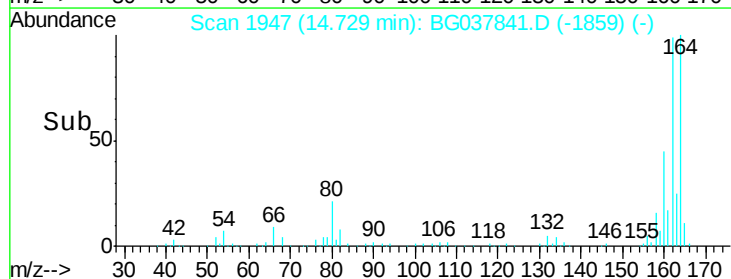
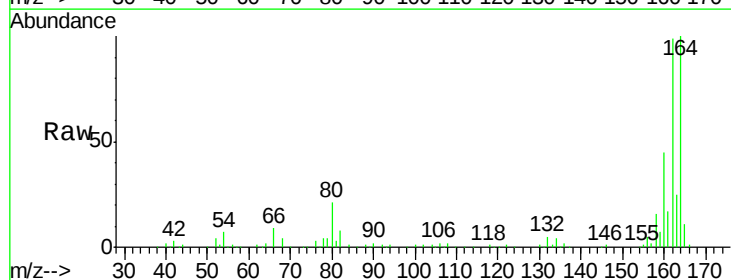
Instrument :
 BNA_G
 ClientSampleID :
 PB114487BL

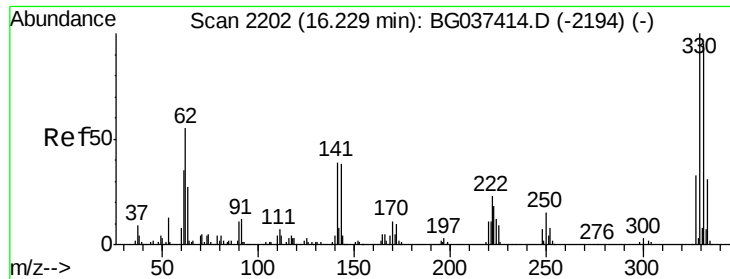
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	51.8	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037841.D
 Acq: 6 Nov 2018 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.3	121.9
160	45.4	36.3	54.5

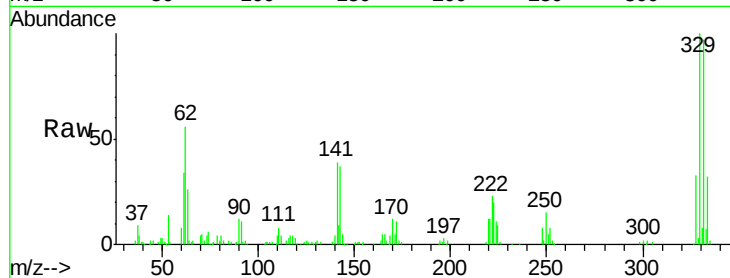




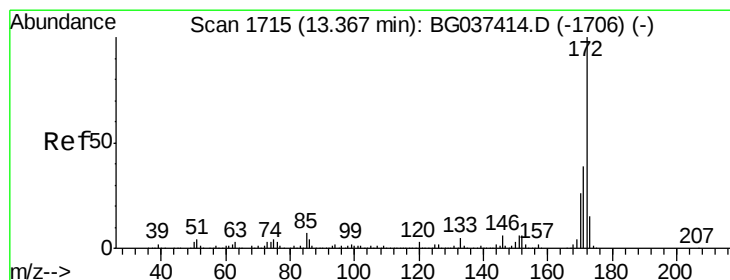
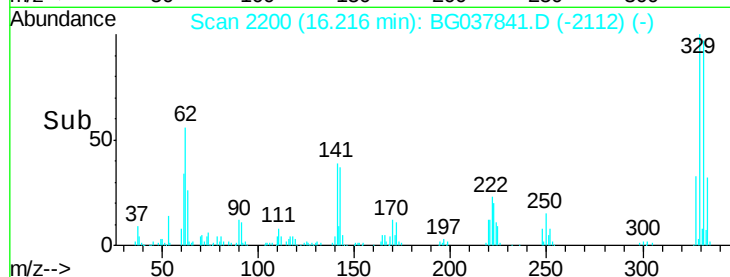
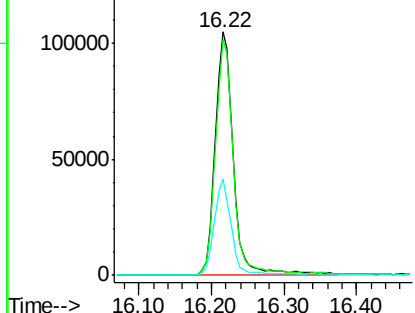
#42
 2,4,6-Tribromophenol
 Concen: 105.614 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037841.D
 Acq: 6 Nov 2018 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB114487BL

Tgt Ion:330 Resp: 183325
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.4 117.6
 141 37.5 32.2 48.2

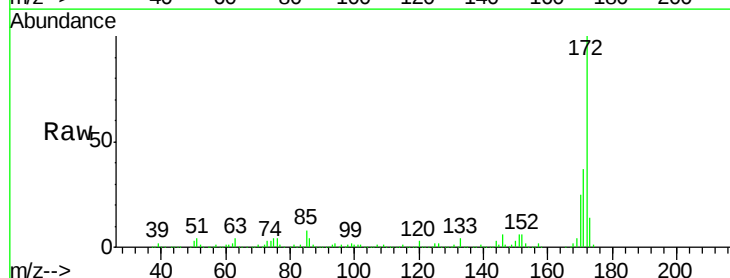


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

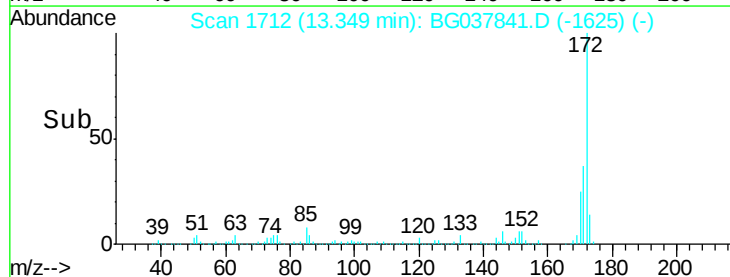
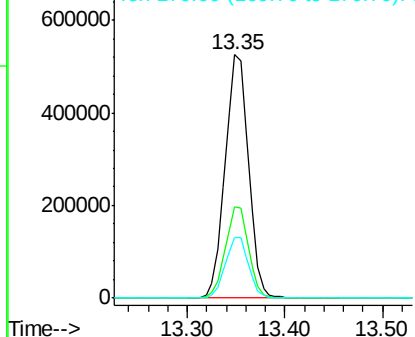


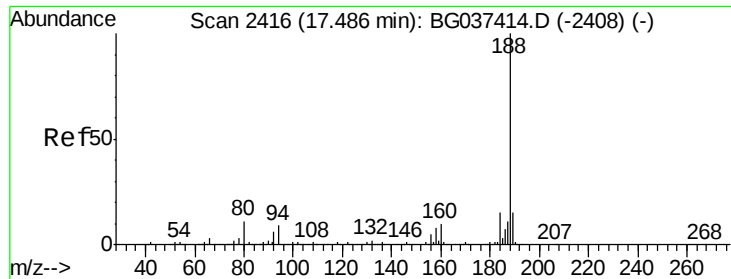
#45
 2-Fluorobiphenyl
 Concen: 83.053 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037841.D
 Acq: 6 Nov 2018 16:47

Tgt Ion:172 Resp: 876542
 Ion Ratio Lower Upper
 172 100
 171 37.5 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

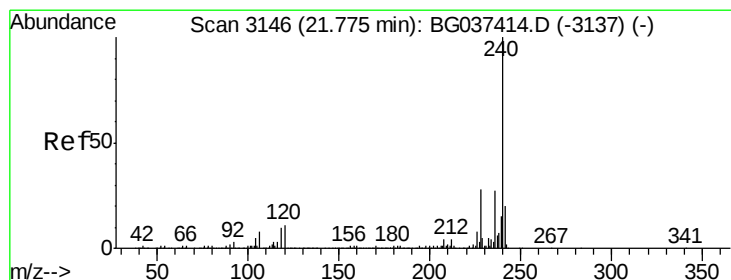
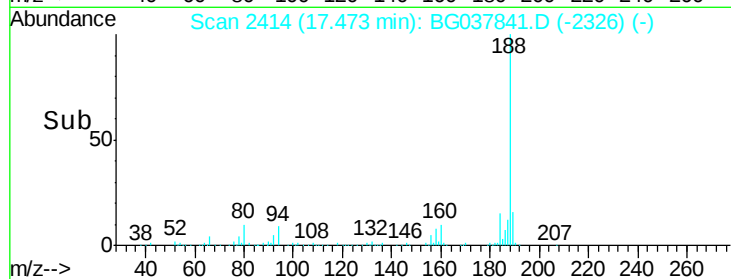
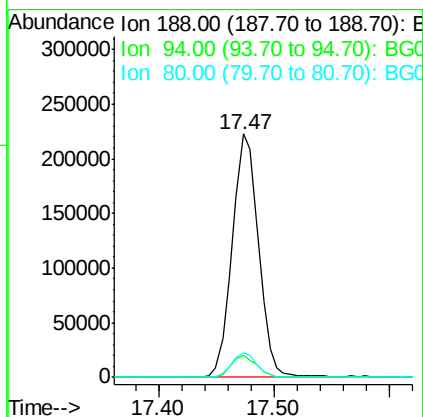
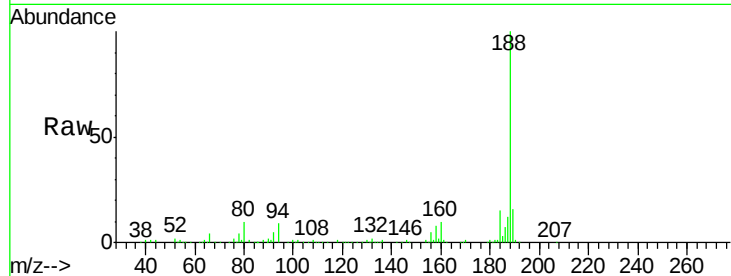




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037841.D
Acq: 6 Nov 2018 16:47

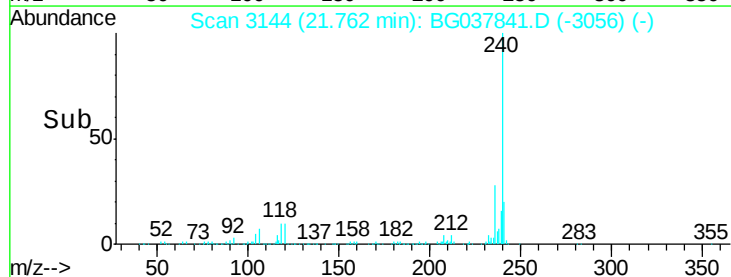
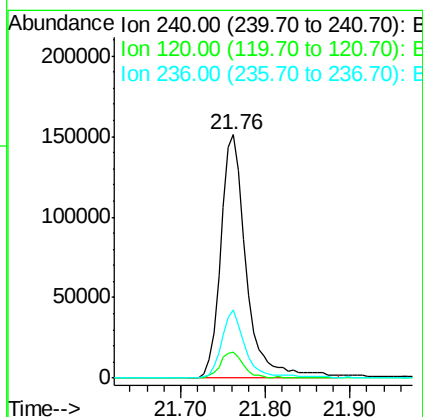
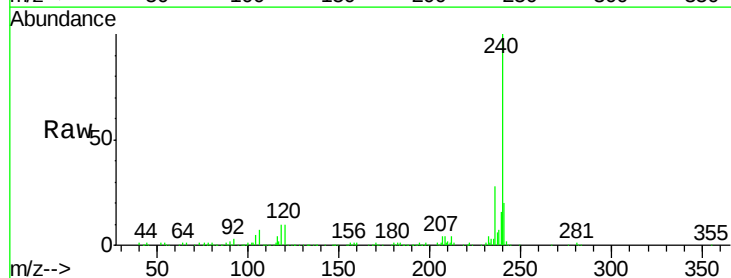
Instrument :
BNA_G
ClientSampleId :
PB114487BL

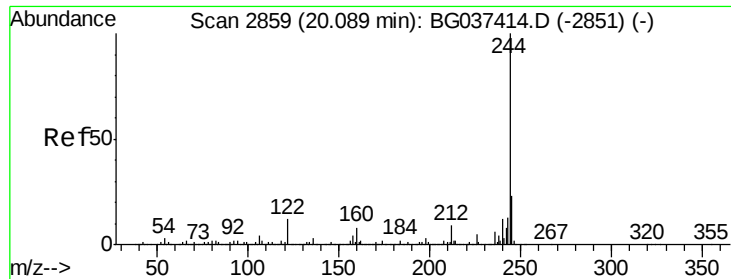
Tgt Ion:188 Resp: 351968
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037841.D
Acq: 6 Nov 2018 16:47

Tgt Ion:240 Resp: 316978
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 28.0 21.4 32.0





#79

Terphenyl-d14

Concen: 84.005 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037841.D

Acq: 6 Nov 2018 16:47

Instrument :

BNA_G

ClientSampleId :

PB114487BL

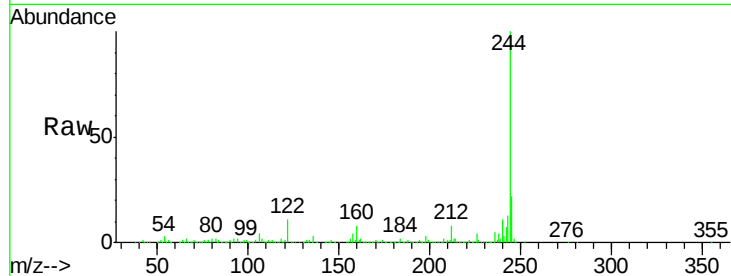
Tgt Ion:244 Resp: 1246170

Ion Ratio Lower Upper

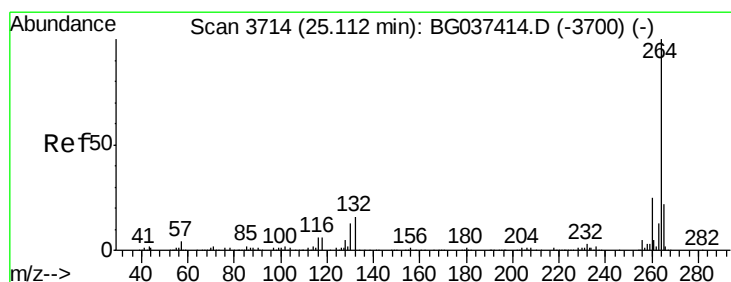
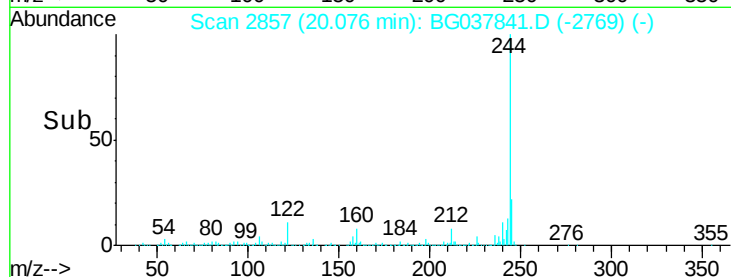
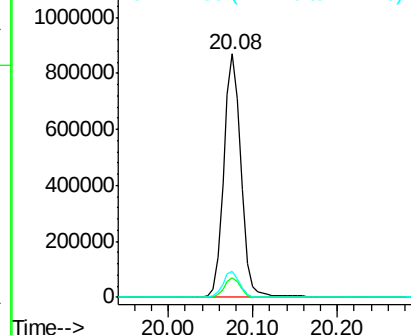
244 100

212 8.3 6.5 9.7

122 10.7 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# 3711

Delta R.T. -0.02 min

Lab File: BG037841.D

Acq: 6 Nov 2018 16:47

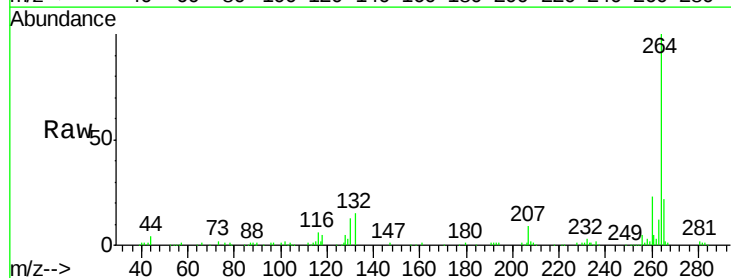
Tgt Ion:264 Resp: 241191

Ion Ratio Lower Upper

264 100

260 23.2 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

