

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
 Data File : BG038769.D
 Acq On : 20 Dec 2018 19:32
 Operator : JU/SJ
 Sample : J6482-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DPC-91468-OS-01

Quant Time: Dec 21 00:51:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	30286	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	114922	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	67223	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	146023	20.00	ng	0.03
76) Chrysene-d12	21.75	240	143154	20.00	ng	0.02
87) Perylene-d12	25.04	264	150874	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	167794	98.27	ng	0.00
7) Phenol-d6	7.21	99	227234	96.94	ng	0.00
23) Nitrobenzene-d5	9.23	82	149310	66.37	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	111372	120.21	ng	0.02
45) 2-Fluorobiphenyl	13.31	172	349999	71.43	ng	0.00
79) Terphenyl-d14	20.07	244	611180	92.92	ng	0.03

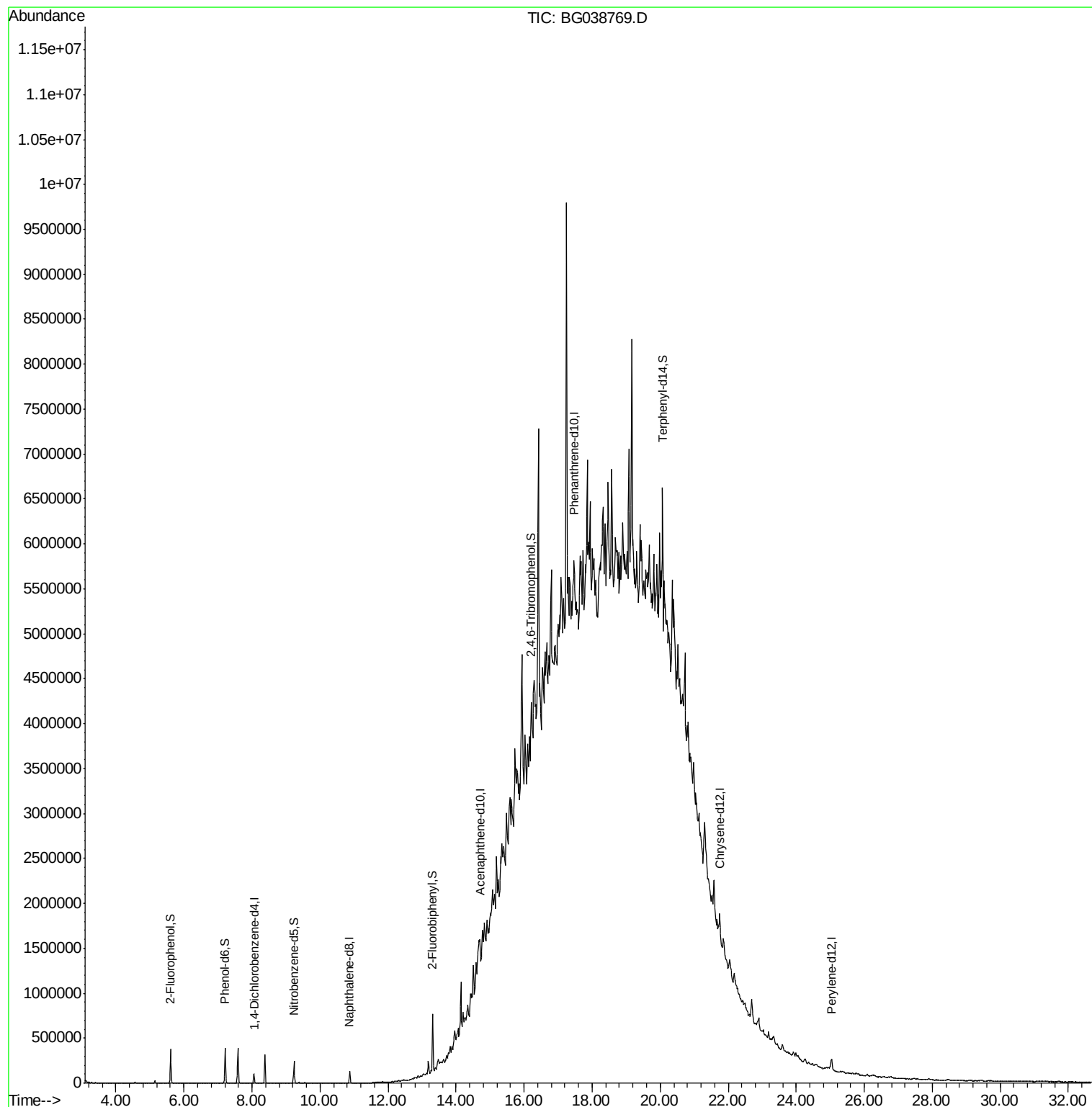
Target Compounds Qvalue

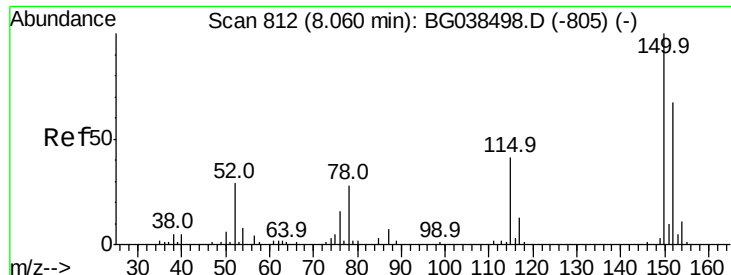
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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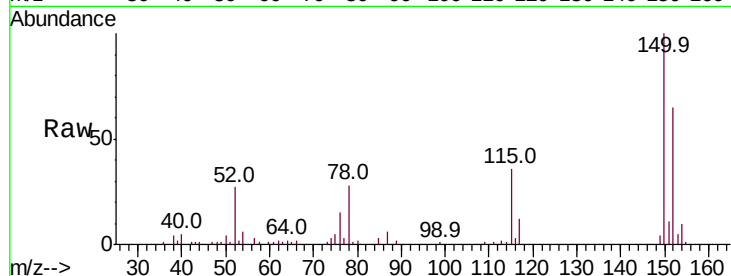


#1

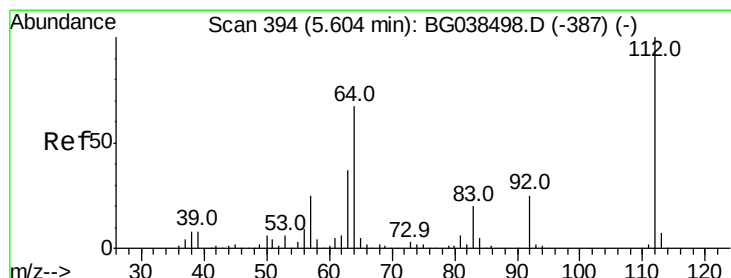
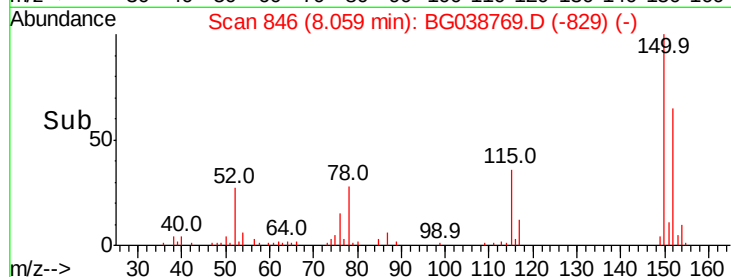
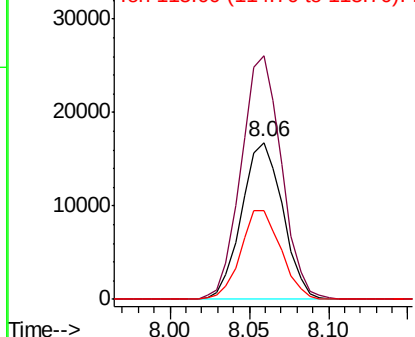
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038769.D
Acq: 20 Dec 2018 19:32

Instrument :
BNA_G
ClientSampleId :
DPC-91468-OS-01

Tot Ion:152 Resp: 30286
Ion Ratio Lower Upper
152 100
150 154.9 119.5 179.3
115 56.3 49.6 74.4



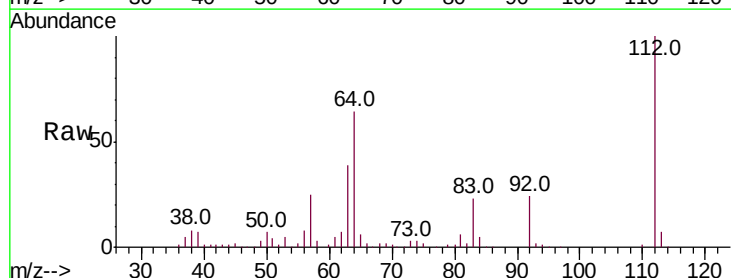
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



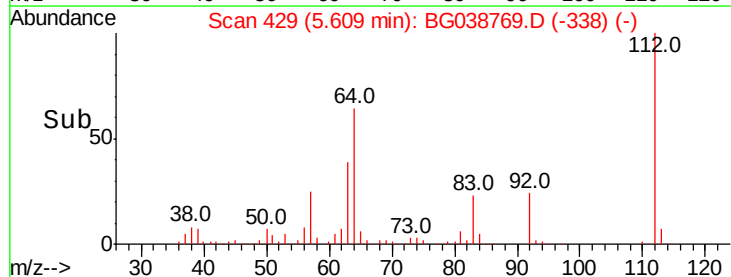
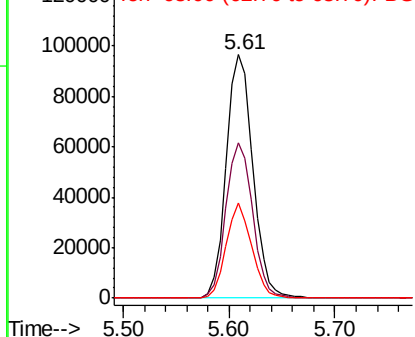
#5

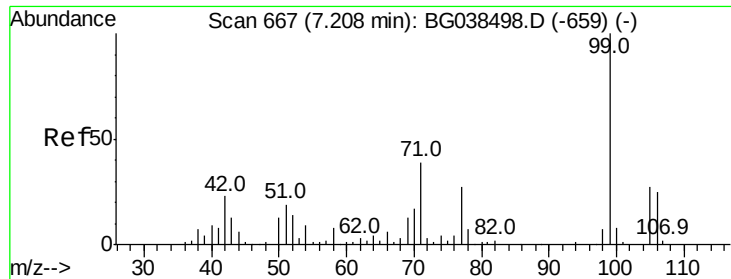
2-Fluorophenol
Concen: 98.266 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038769.D
Acq: 20 Dec 2018 19:32

Tgt Ion:112 Resp: 167794
Ion Ratio Lower Upper
112 100
64 63.9 53.4 80.2
63 38.9 29.3 43.9



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: 96.937 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038769.D

Acq: 20 Dec 2018 19:32

Instrument :

BNA_G

ClientSampleId :

DPC-91468-OS-01

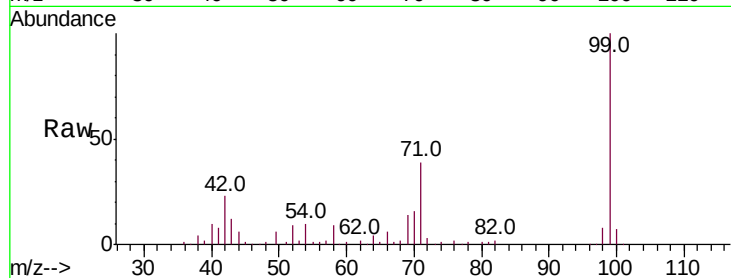
Tot Ion: 99 Resp: 227234

Ion Ratio Lower Upper

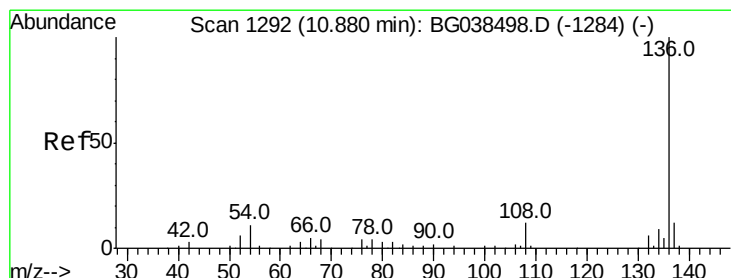
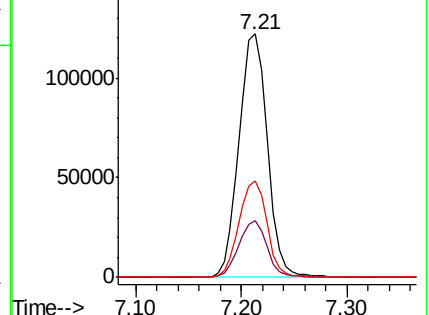
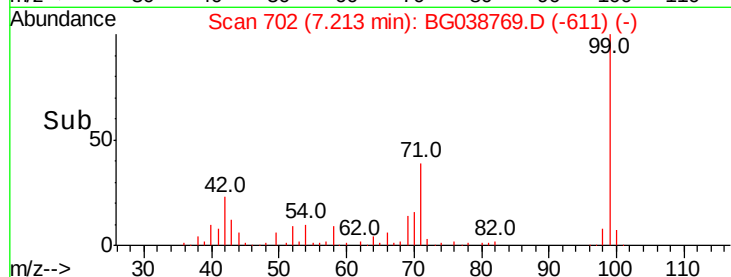
99 100

42 23.4 18.5 27.7

71 39.5 31.1 46.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038769.D

Acq: 20 Dec 2018 19:32

Tgt Ion: 136 Resp: 114922

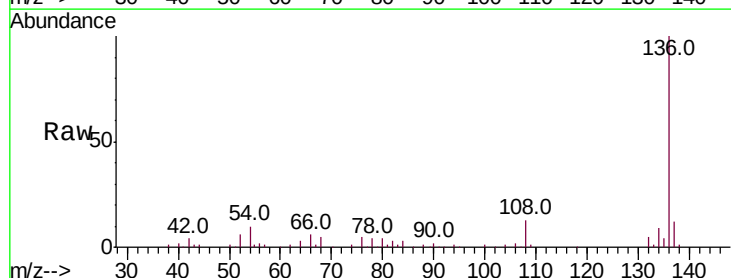
Ion Ratio Lower Upper

136 100

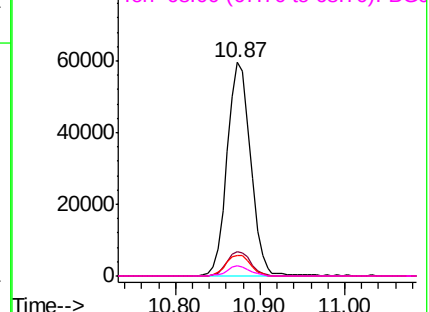
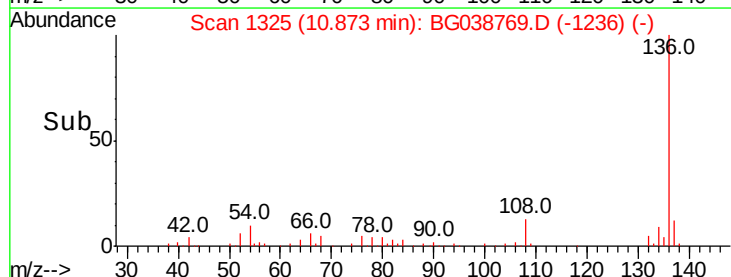
137 11.6 9.3 13.9

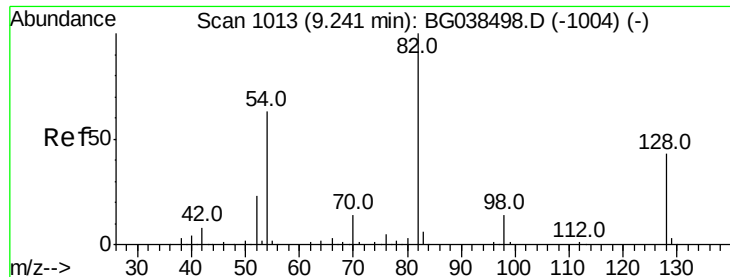
54 9.8 8.5 12.7

68 5.0 3.5 5.3



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

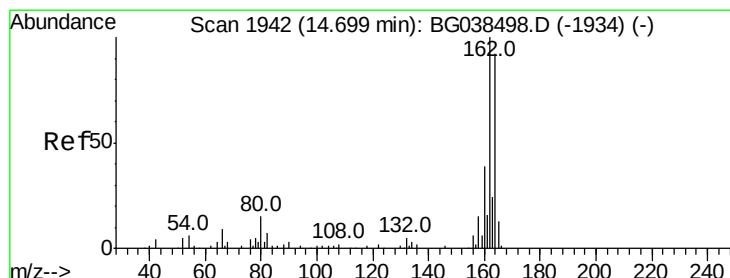
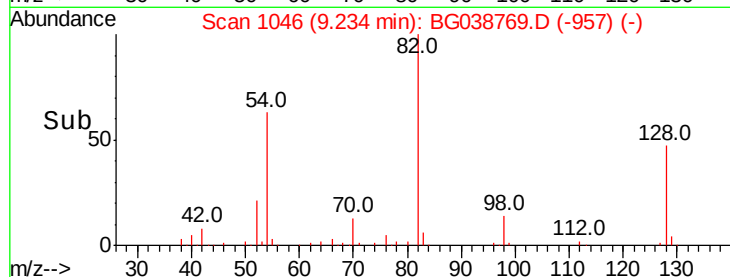
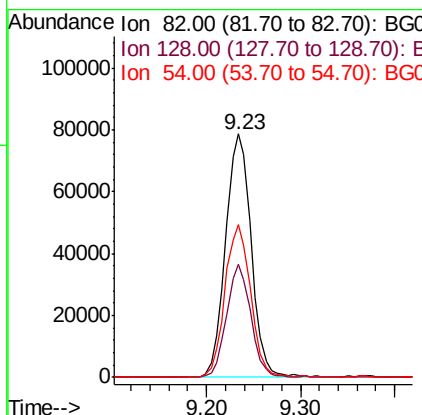
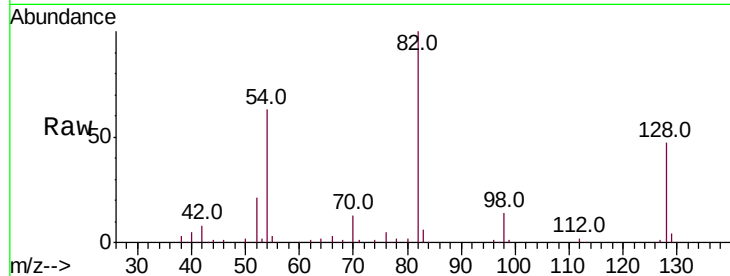




#23
Nitrobenzene-d5
Concen: 66.374 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038769.D
Acq: 20 Dec 2018 19:32

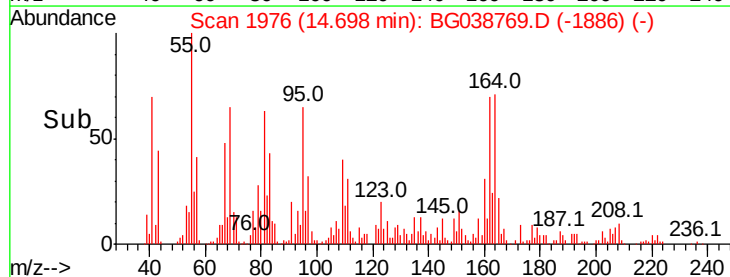
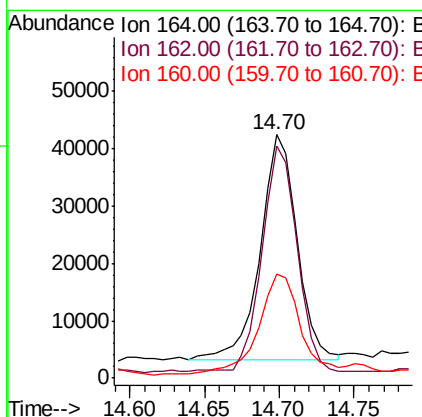
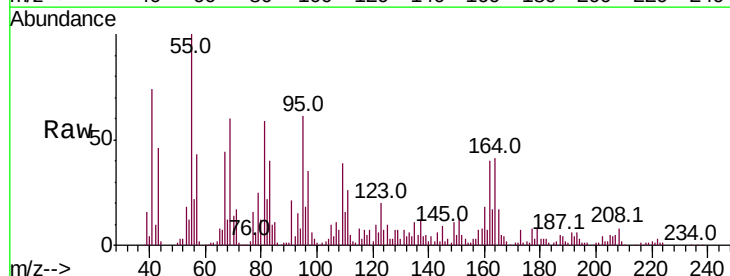
Instrument :
BNA_G
ClientSampleId :
DPC-91468-OS-01

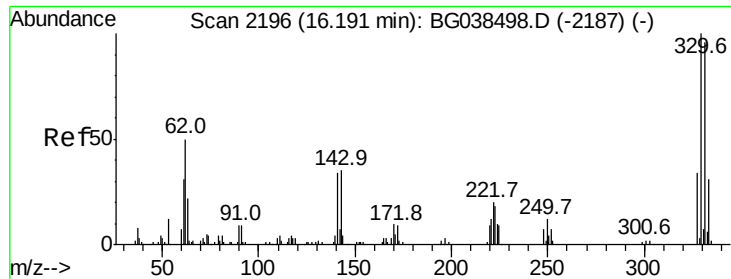
Tot Ion: 82 Resp: 149310
Ion Ratio Lower Upper
82 100
128 46.5 34.6 52.0
54 62.7 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038769.D
Acq: 20 Dec 2018 19:32

Tgt Ion:164 Resp: 67223
Ion Ratio Lower Upper
164 100
162 95.4 86.6 130.0
160 42.8 34.2 51.2

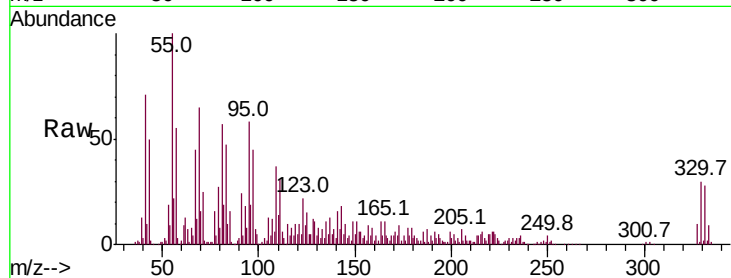




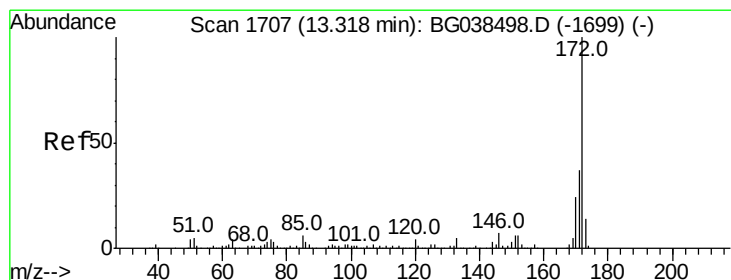
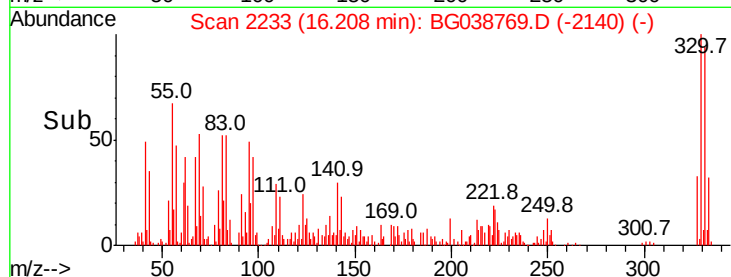
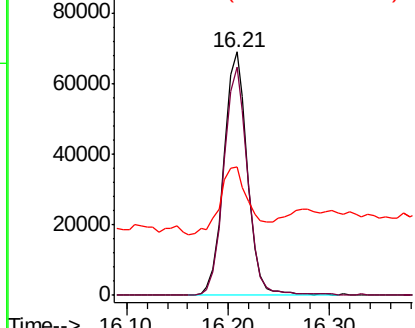
#42
 2,4,6-Tribromophenol
 Concen: 120.213 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.02 min
 Lab File: BG038769.D
 Acq: 20 Dec 2018 19:32

Instrument :
 BNA_G
 ClientSampleId :
 DPC-91468-OS-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.9	115.3
141	34.0	28.8	43.2

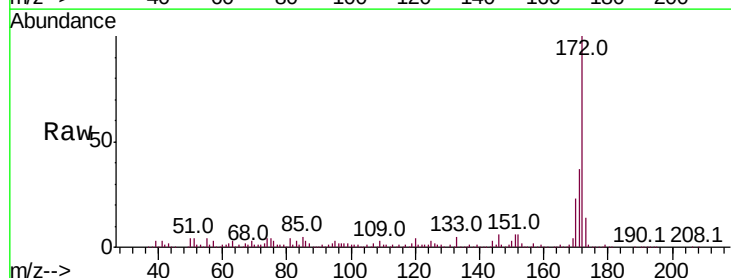


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

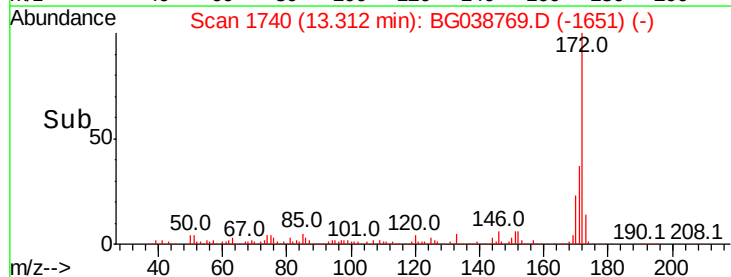
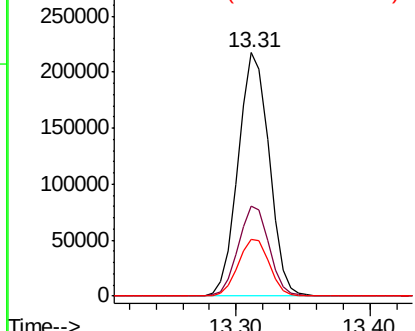


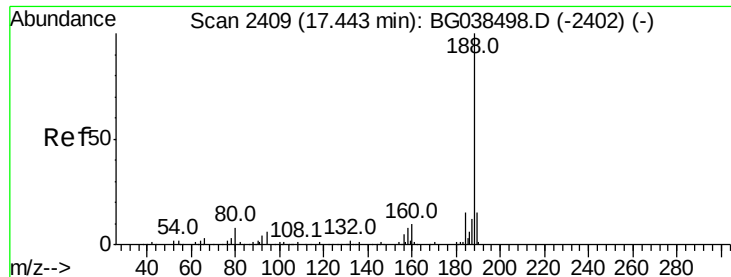
#45
 2-Fluorobiphenyl
 Concen: 71.426 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038769.D
 Acq: 20 Dec 2018 19:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	23.4	19.5	29.3



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# 2449

Delta R.T. 0.03 min

Lab File: BG038769.D

Acq: 20 Dec 2018 19:32

Instrument :

BNA_G

ClientSampleId :

DPC-91468-OS-01

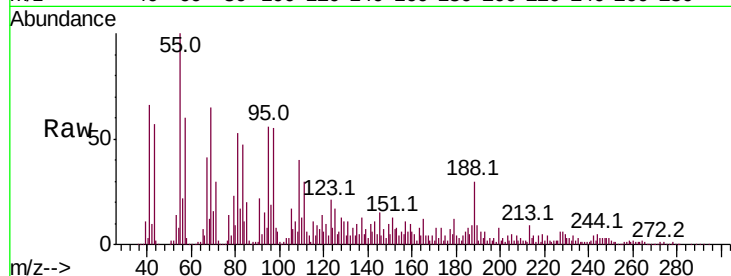
Tot Ion:188 Resp: 146023

Ion Ratio Lower Upper

188 100

94 27.7 5.1 7.7#

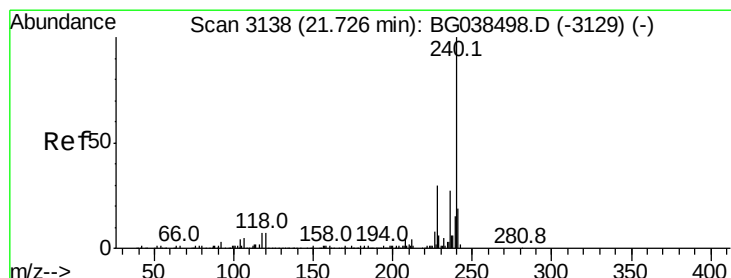
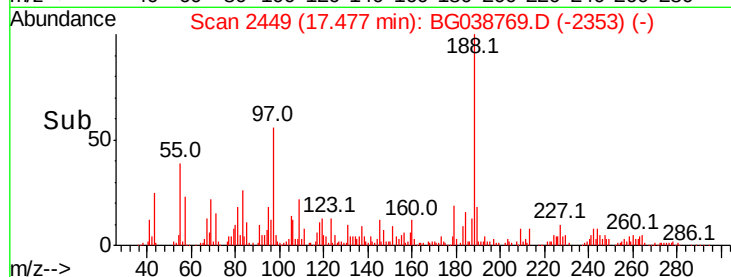
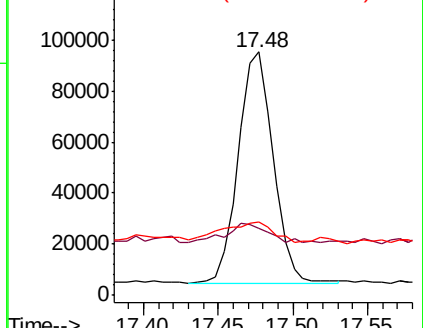
80 29.9 6.1 9.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.02 min

Lab File: BG038769.D

Acq: 20 Dec 2018 19:32

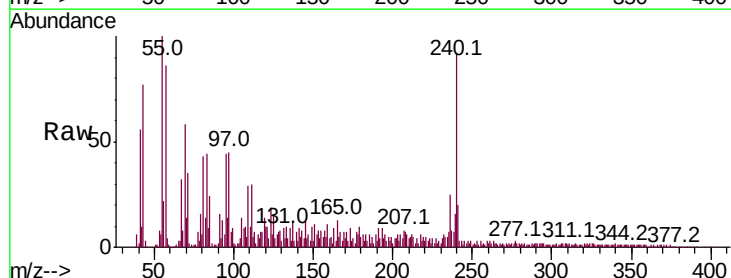
Tgt Ion:240 Resp: 143154

Ion Ratio Lower Upper

240 100

120 10.9 5.3 7.9#

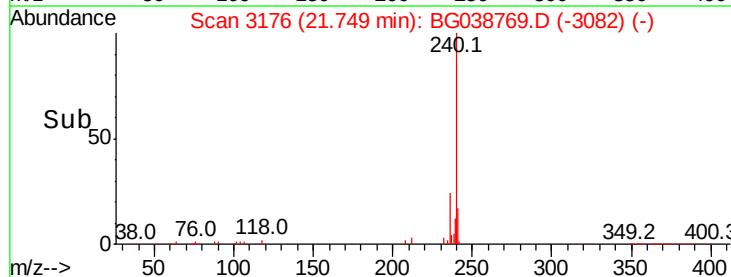
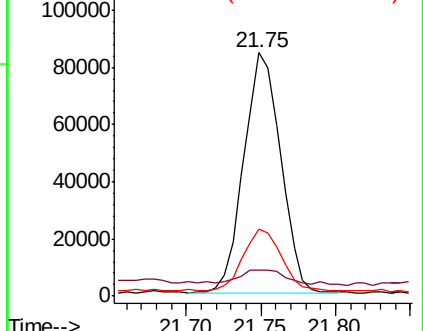
236 27.6 21.4 32.2

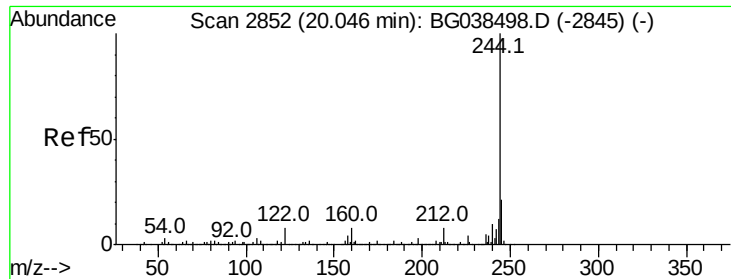


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.916 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.03 min

Lab File: BG038769.D

Acq: 20 Dec 2018 19:32

Instrument :

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DPC-91468-OS-01

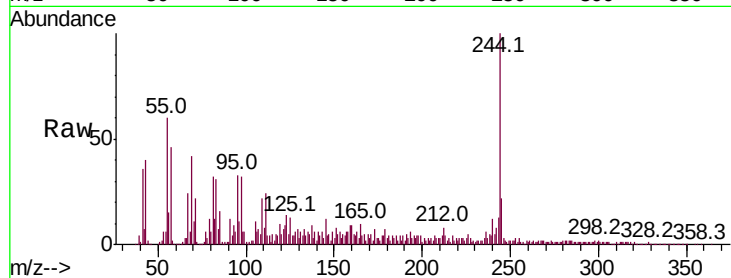
Tot Ion:244 Resp: 611180

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

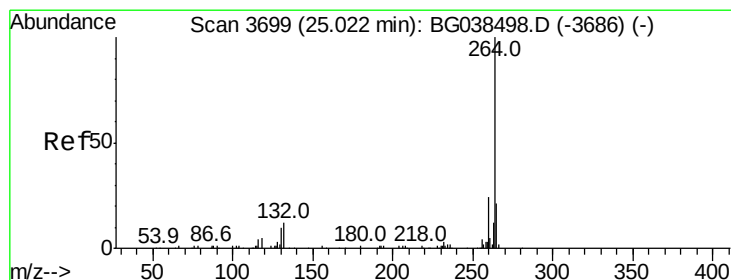
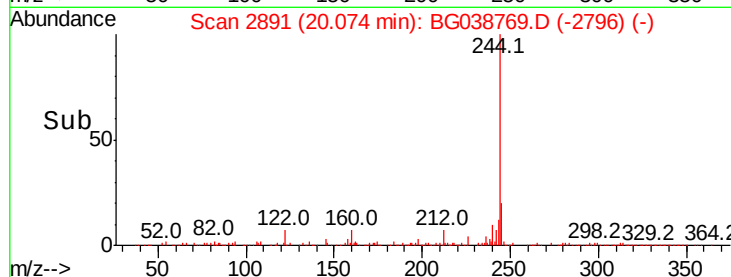
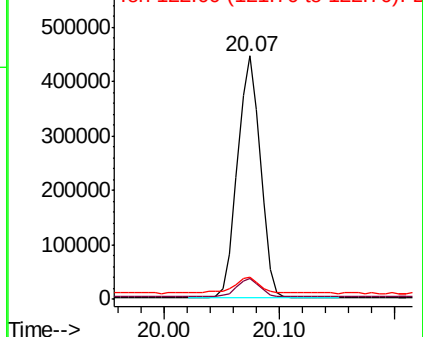
122 9.3 6.3 9.5



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: 25.04 min Scan# 3736

Delta R.T. 0.02 min

Lab File: BG038769.D

Acq: 20 Dec 2018 19:32

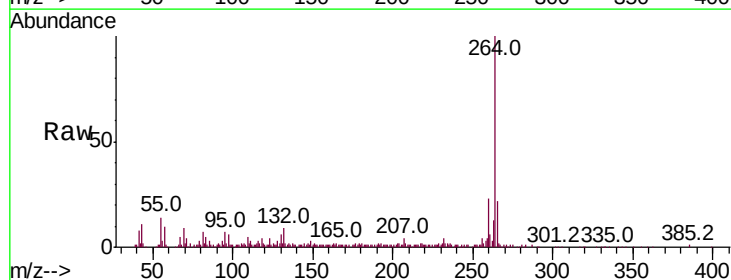
Tgt Ion:264 Resp: 150874

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.8 17.0 25.4



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

