

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\
 Data File : BG037990.D
 Acq On : 13 Nov 2018 23:14
 Operator : JU/SJ
 Sample : J5923-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-OILY-STONE

Quant Time: Nov 14 00:45:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	47262	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	197353	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	125512	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	308450	20.00	ng	0.00
76) Chrysene-d12	21.75	240	297504	20.00	ng	0.00
87) Perylene-d12	25.07	264	301428	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	304585	111.27	ng	0.00
7) Phenol-d6	7.23	99	379396	97.10	ng	0.00
23) Nitrobenzene-d5	9.26	82	295375	80.12	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	172312	120.38	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	677333	78.62	ng	0.00
79) Terphenyl-d14	20.07	244	1110929	87.87	ng	0.00

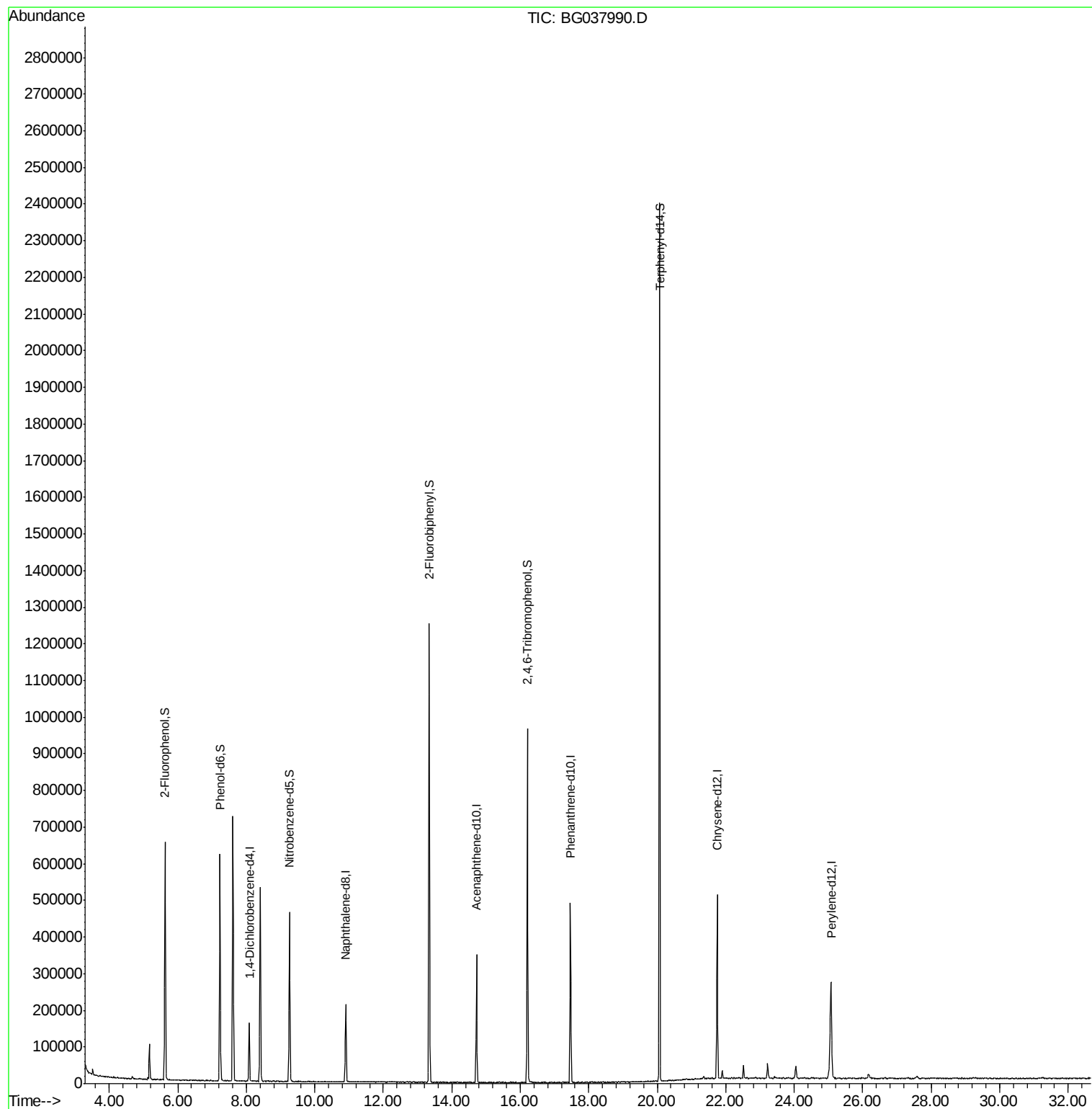
Target Compounds Qvalue

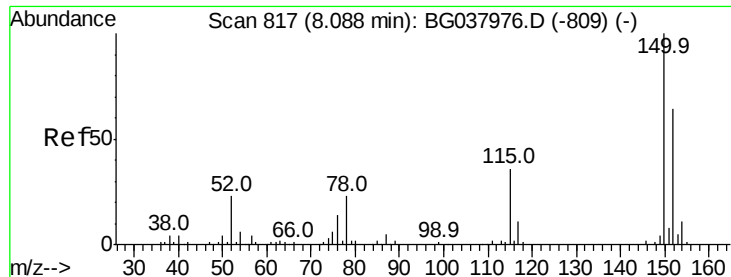
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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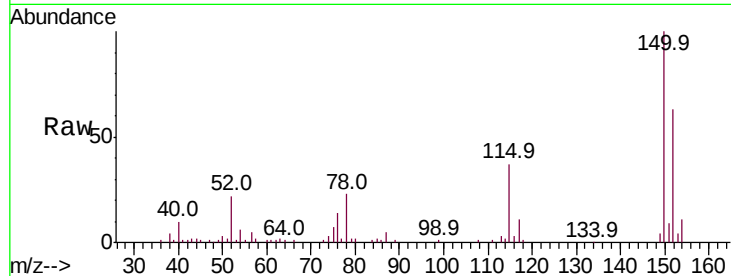


#1

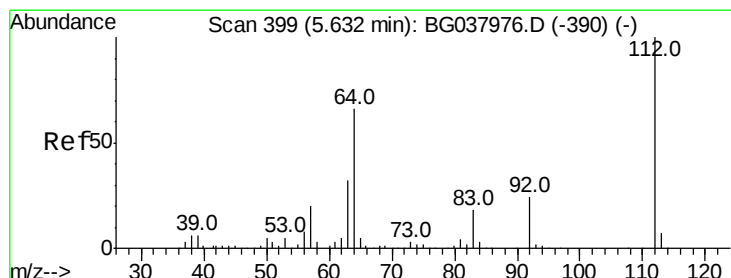
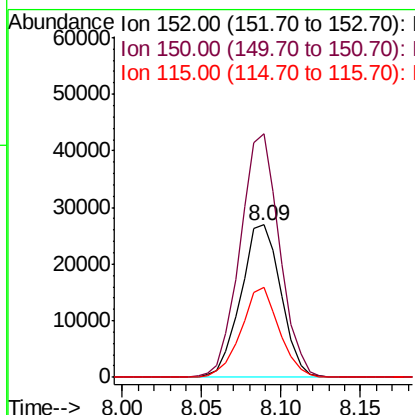
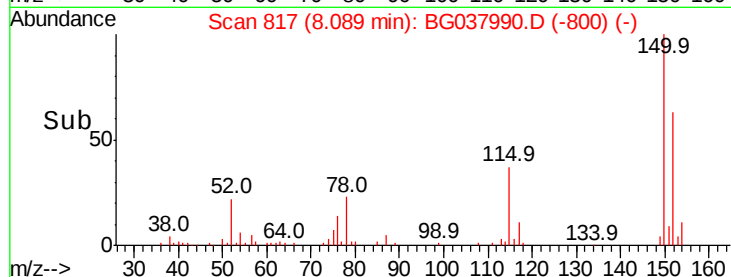
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Instrument :
BNA_G
ClientSampleId :
MS-OILY-STONE

Tot Ion:152 Resp: 47262
Ion Ratio Lower Upper
152 100
150 159.5 126.0 189.0
115 59.1 45.5 68.3



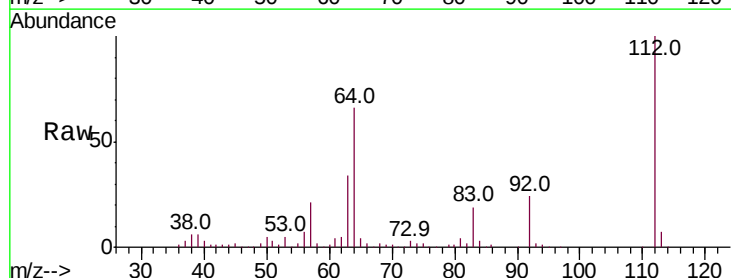
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



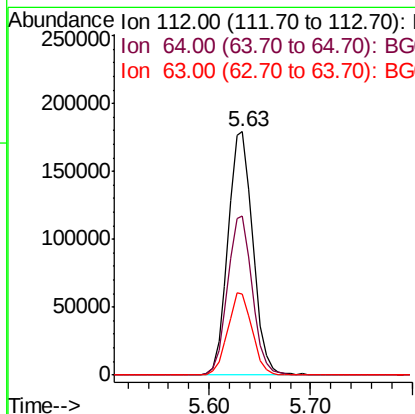
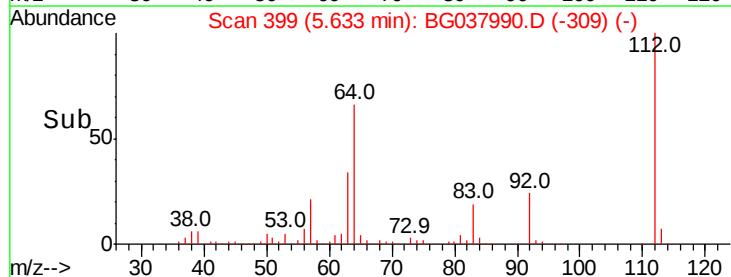
#5

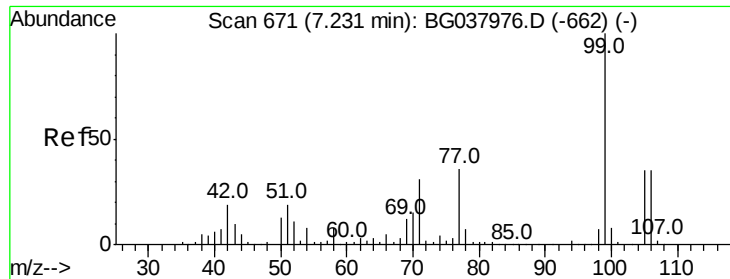
2-Fluorophenol
Concen: 111.270 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Tgt Ion:112 Resp: 304585
Ion Ratio Lower Upper
112 100
64 65.6 53.1 79.7
63 33.5 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: 97.097 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

Instrument :

BNA_G

ClientSampleId :

MS-OILY-STONE

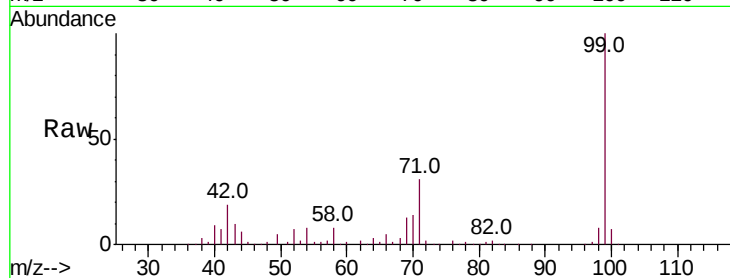
Tot Ion: 99 Resp: 379396

Ion Ratio Lower Upper

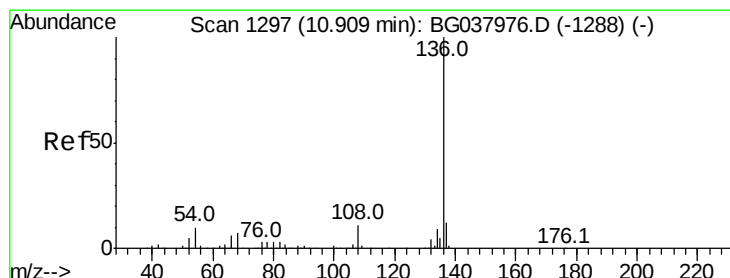
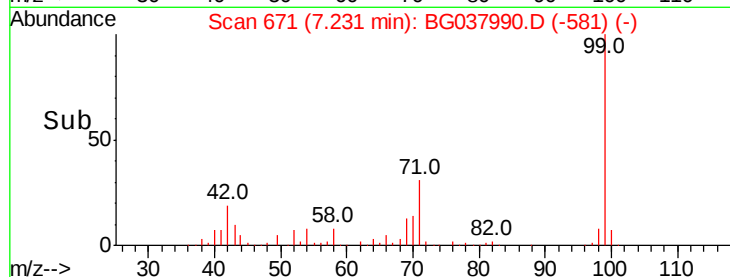
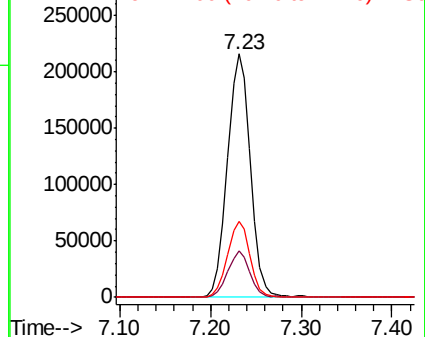
99 100

42 18.9 15.0 22.4

71 31.3 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: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

Tgt Ion: 136 Resp: 197353

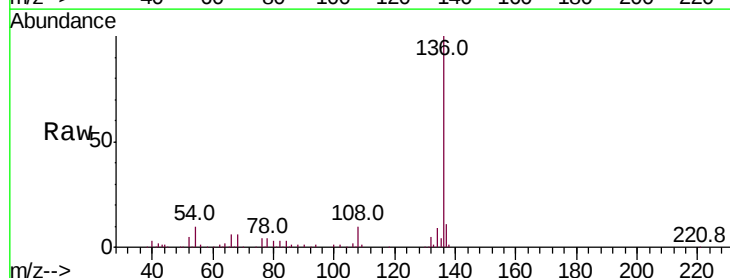
Ion Ratio Lower Upper

136 100

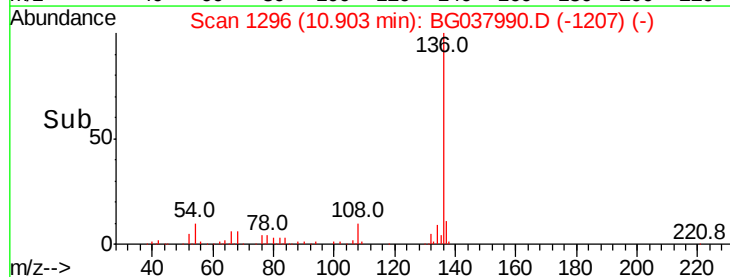
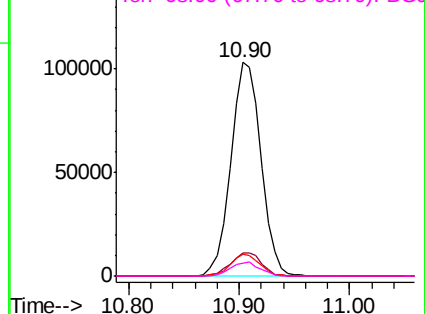
137 10.9 9.6 14.4

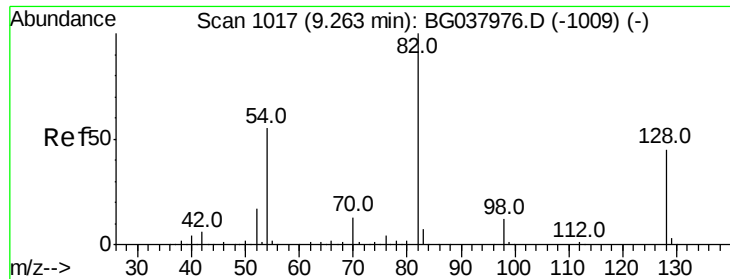
54 10.5 7.9 11.9

68 6.3 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

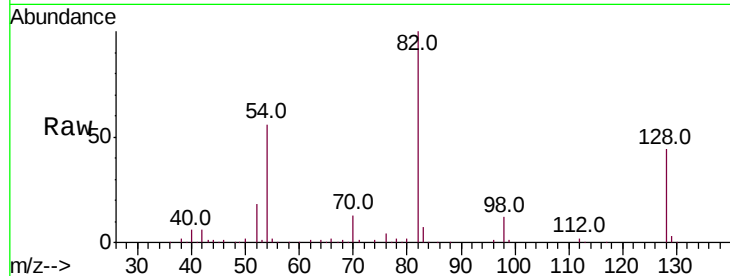




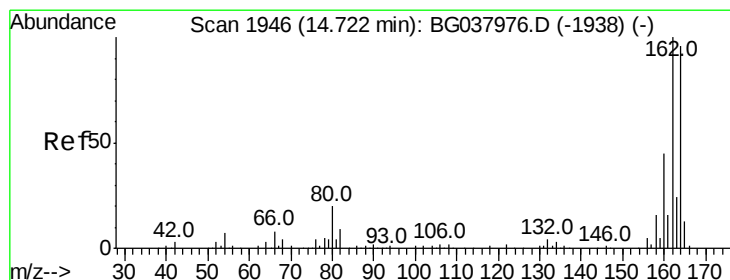
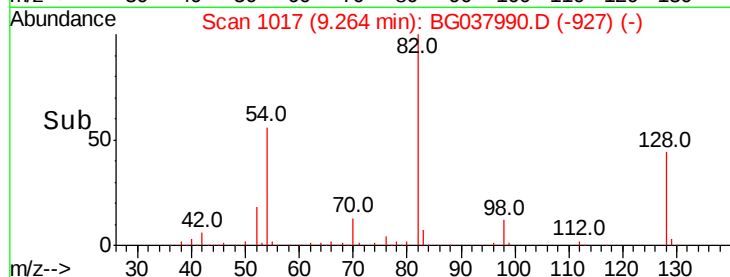
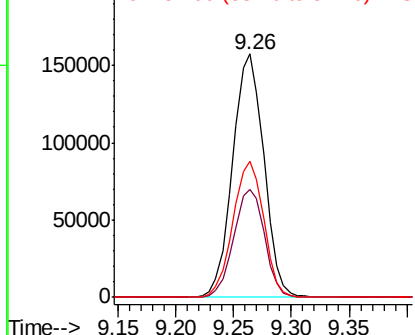
#23
Nitrobenzene-d5
Concen: 80.118 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Instrument :
BNA_G
ClientSampleId :
MS-OILY-STONE

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	55.9	45.3	67.9

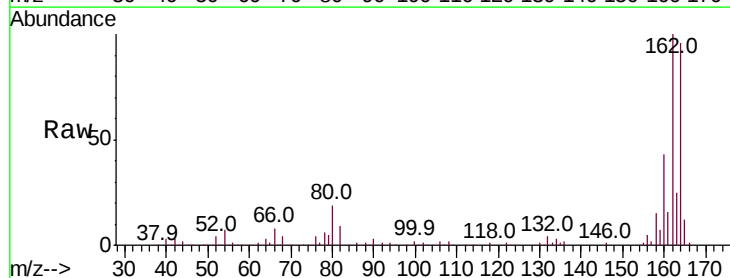


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

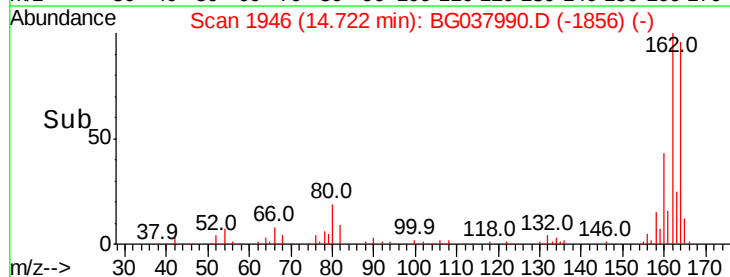
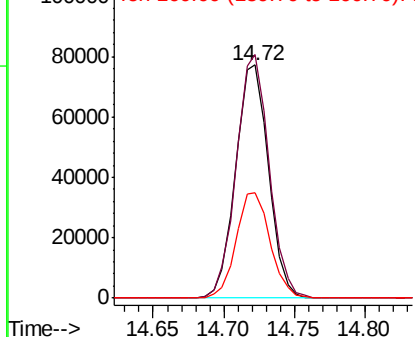


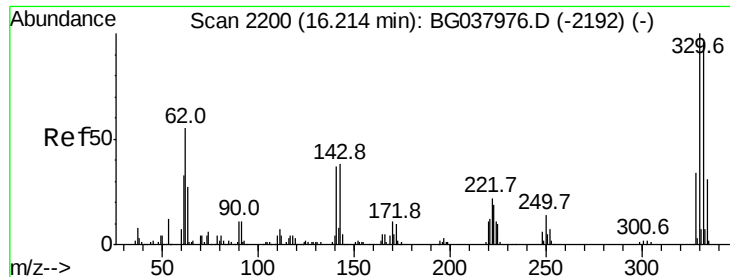
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG037990.D
Acq: 13 Nov 2018 23:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.3	121.9
160	45.1	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

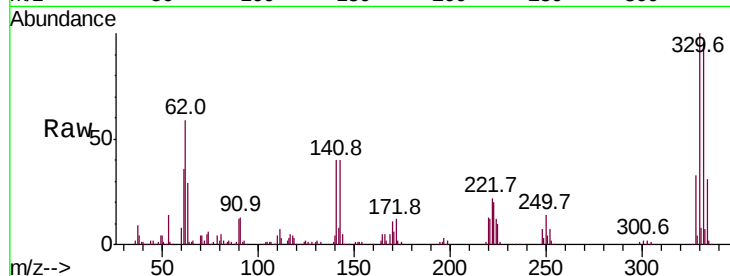




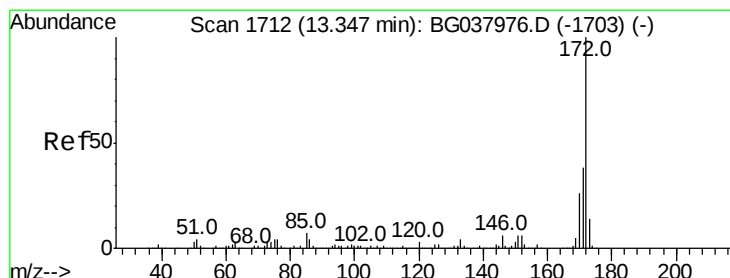
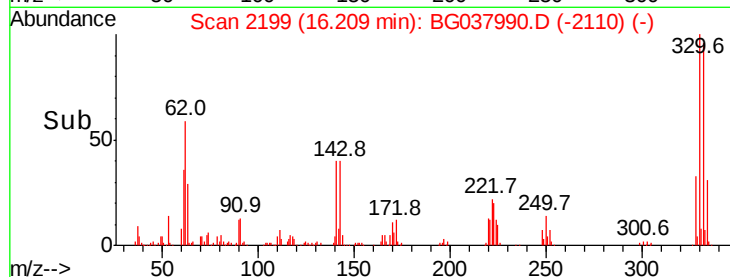
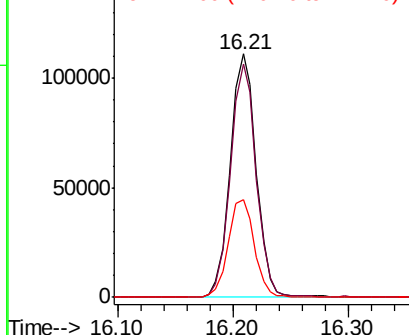
#42
 2,4,6-Tribromophenol
 Concen: 120.377 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG037990.D
 Acq: 13 Nov 2018 23:14

Instrument :
 BNA_G
 ClientSampleId :
 MS-OILY-STONE

Tot Ion:330 Resp: 172312
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.4 117.6
 141 40.7 32.2 48.2

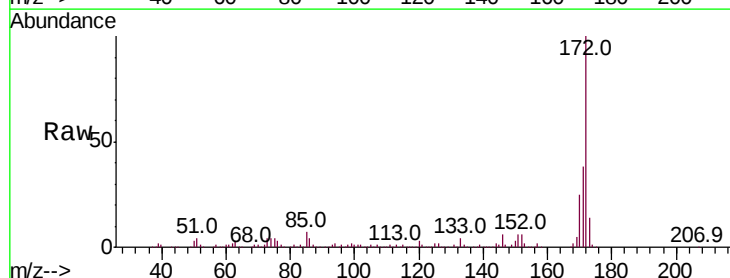


Abundance Ion 329.80 (329.50 to 330.50): E
 150000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

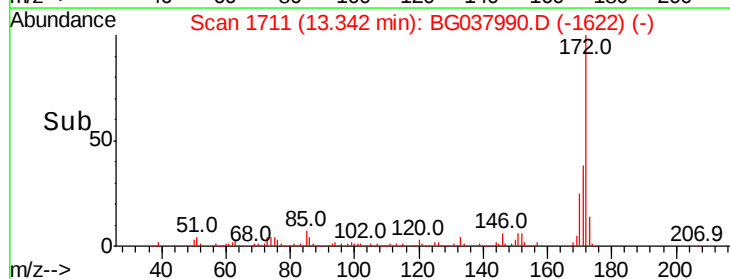
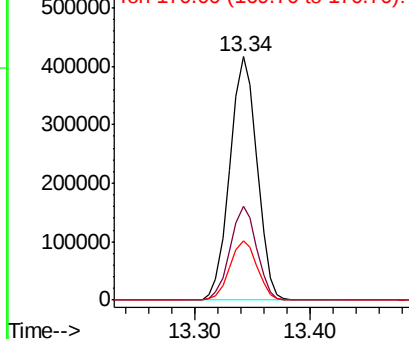


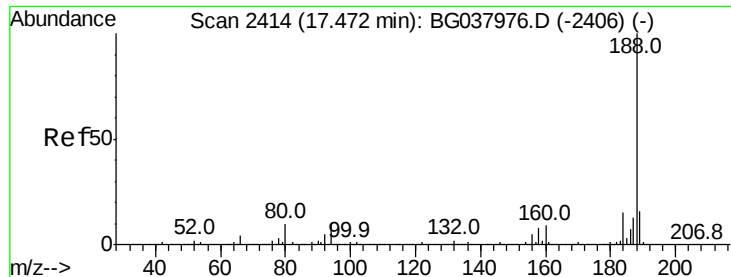
#45
 2-Fluorobiphenyl
 Concen: 78.620 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG037990.D
 Acq: 13 Nov 2018 23:14

Tgt Ion:172 Resp: 677333
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.0 46.4
 170 24.5 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# 2413

Delta R.T. -0.01 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

Instrument :

BNA_G

ClientSampleId :

MS-OILY-STONE

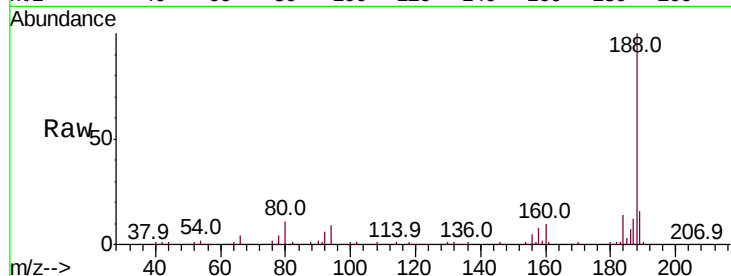
Tot Ion:188 Resp: 308450

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

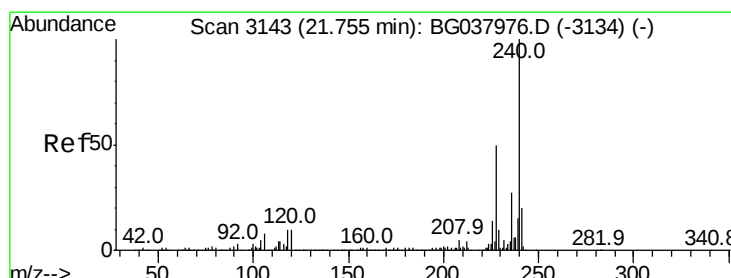
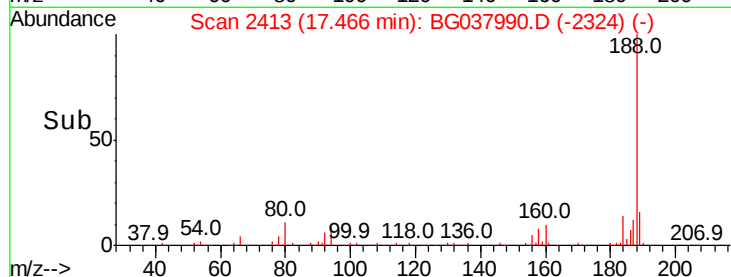
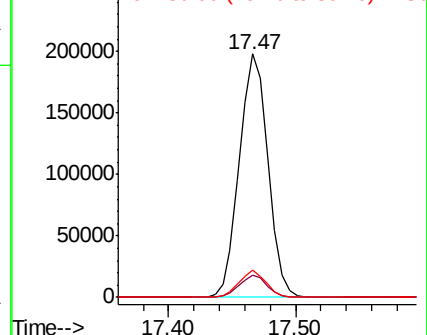
80 11.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

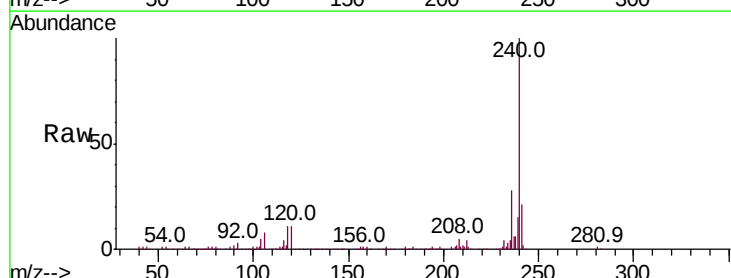
Tgt Ion:240 Resp: 297504

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

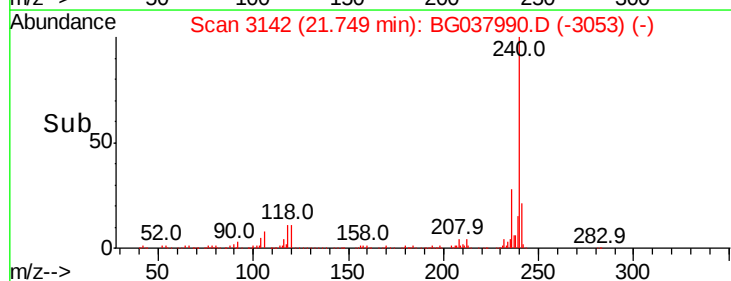
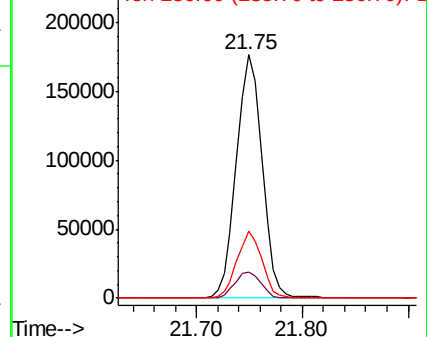
236 27.6 21.4 32.0

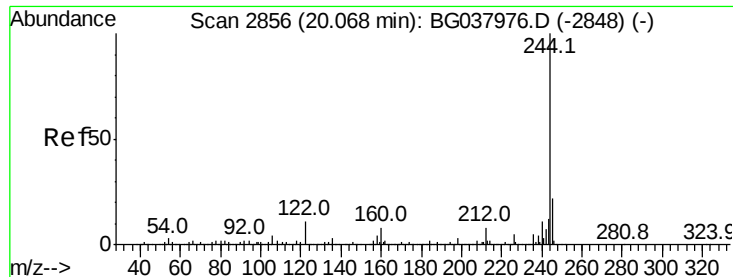


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.865 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

Instrument :

BNA_G

ClientSampleId :

MS-OILY-STONE

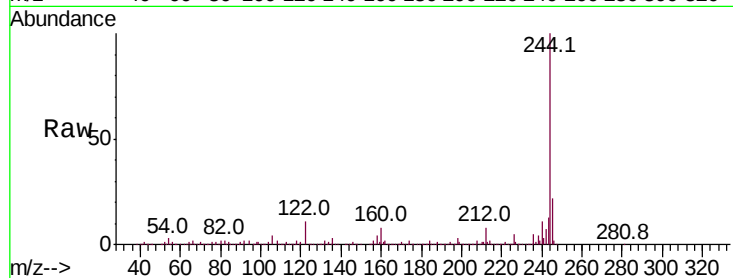
Tot Ion:244 Resp: 1110929

Ion Ratio Lower Upper

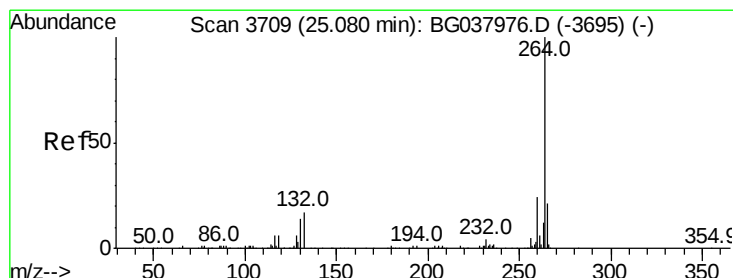
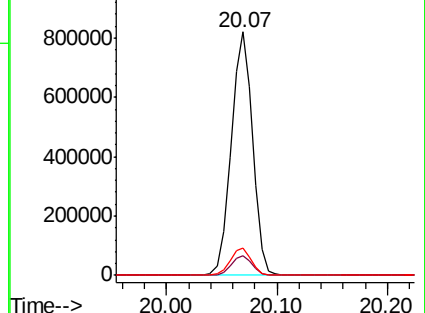
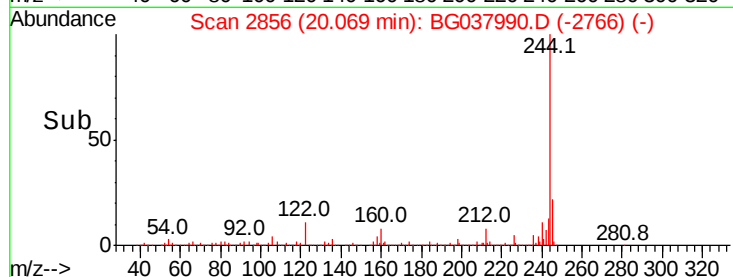
244 100

212 8.3 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: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG037990.D

Acq: 13 Nov 2018 23:14

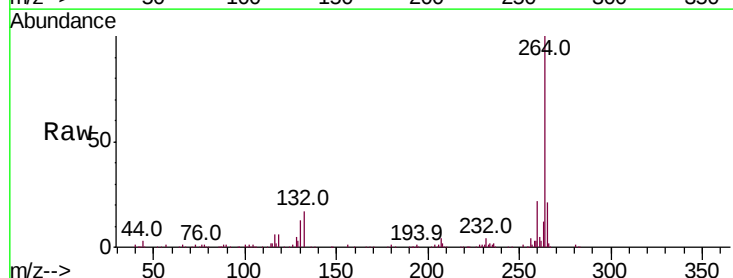
Tgt Ion:264 Resp: 301428

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

265 21.5 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

