

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
 Data File : BG037402.D
 Acq On : 17 Oct 2018 22:43
 Operator : JU/SJ
 Sample : J5541-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-D-B

Quant Time: Oct 18 12:02:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 15:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59637	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	272561	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	186085	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	459278	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	421929	20.00	ng	-0.02
87) Perylene-d12	25.11	264	419486	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	161111	47.54	ng	0.00
7) Phenol-d6	7.25	99	144882	28.17	ng	0.00
23) Nitrobenzene-d5	9.29	82	472920	114.07	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	202528	110.98	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	1161728	93.76	ng	-0.02
79) Terphenyl-d14	20.09	244	1667943	83.01	ng	-0.01

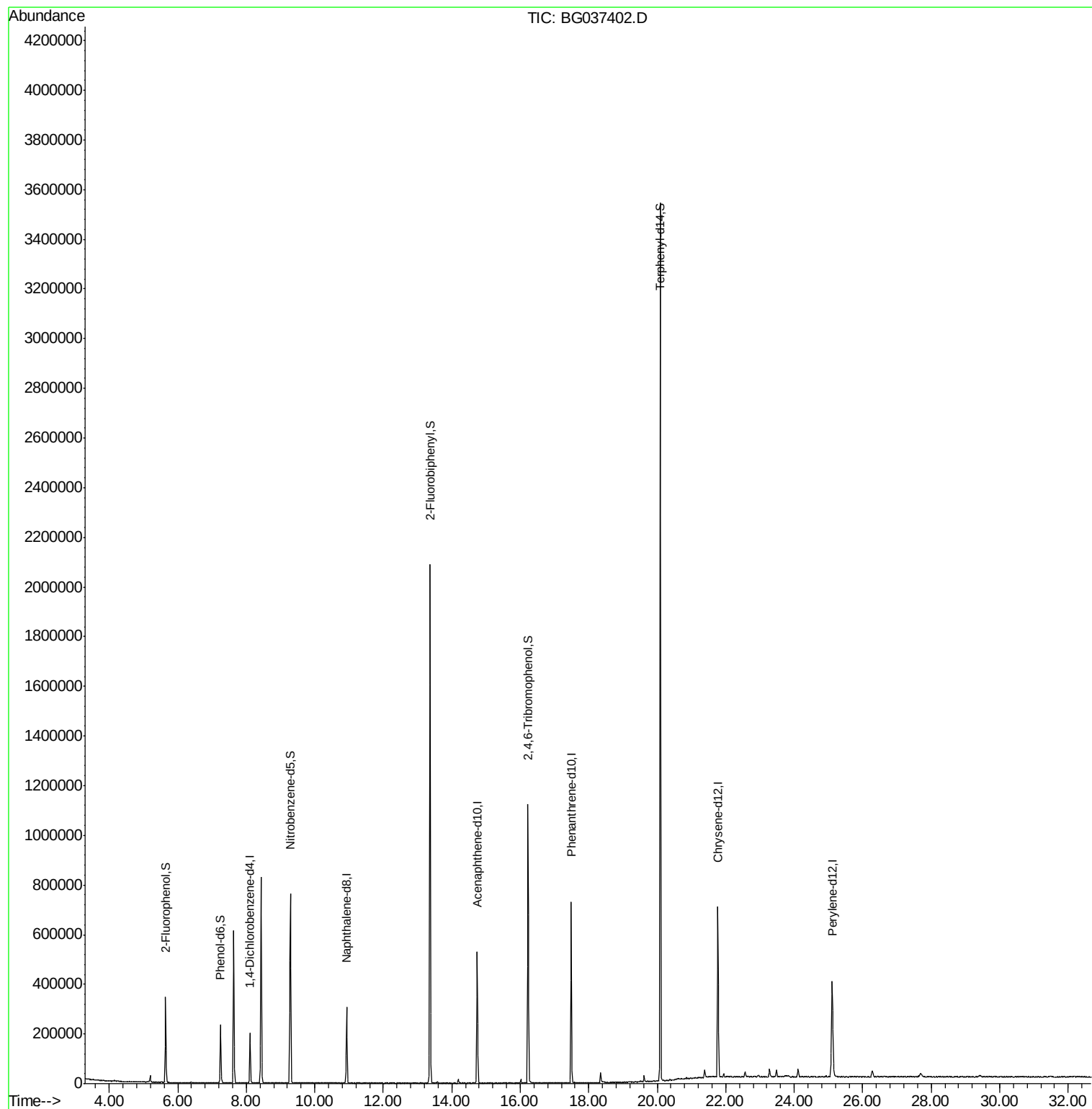
Target Compounds Qvalue

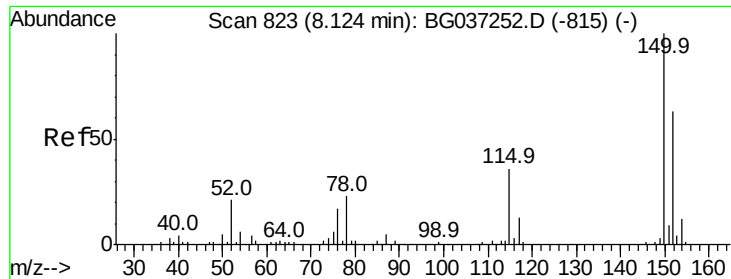
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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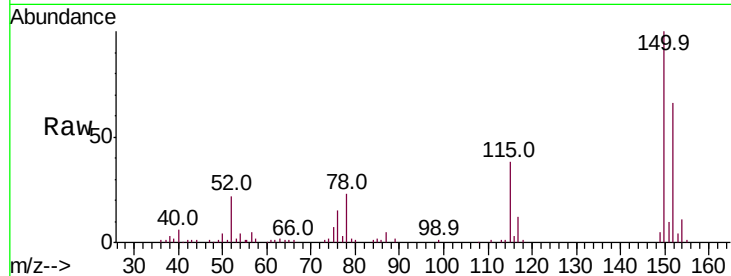


#1

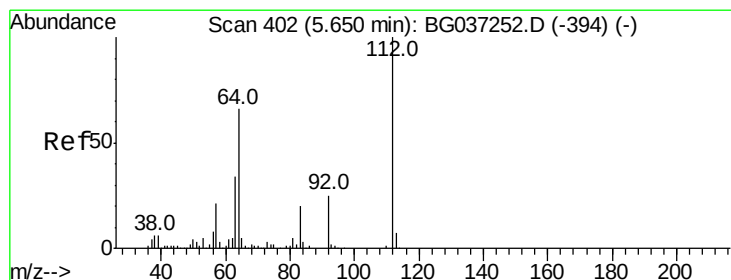
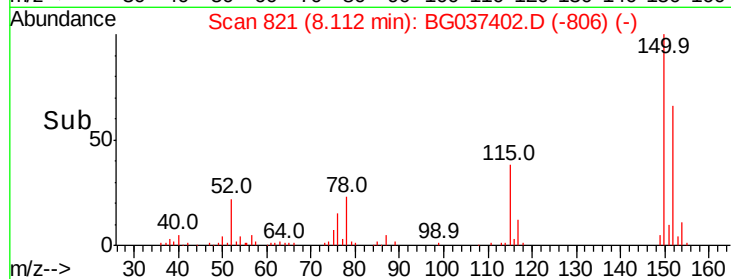
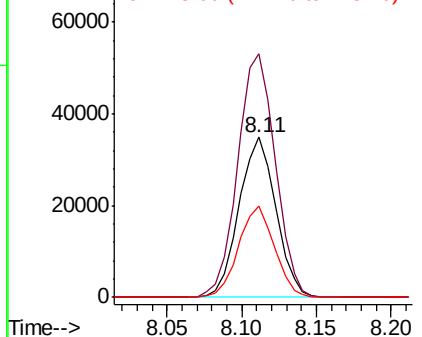
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-B

Tot Ion:152 Resp: 59637
Ion Ratio Lower Upper
152 100
150 152.2 126.0 189.0
115 57.1 45.5 68.3



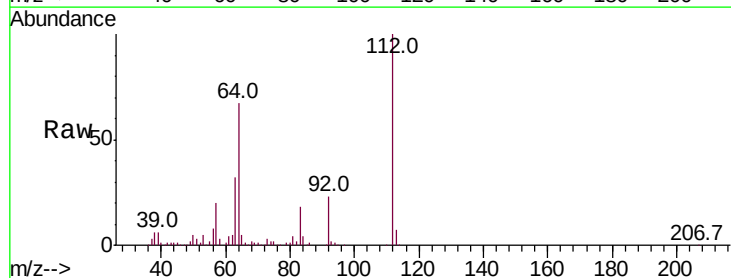
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



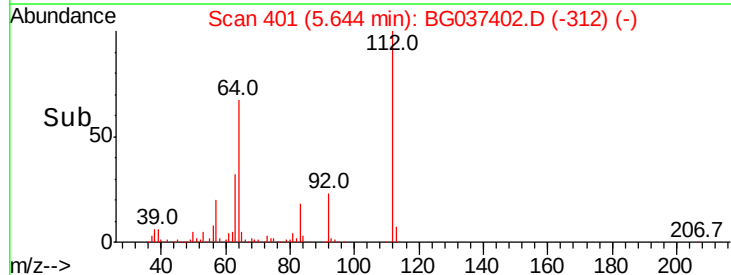
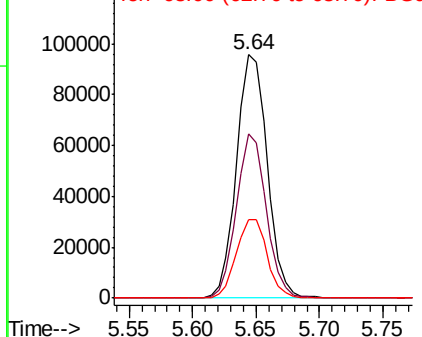
#5

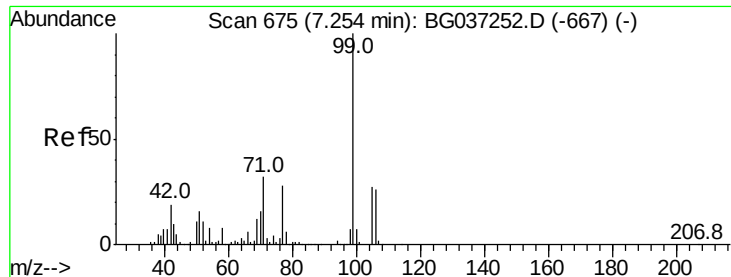
2-Fluorophenol
Concen: 47.544 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

Tgt Ion:112 Resp: 161111
Ion Ratio Lower Upper
112 100
64 67.5 53.1 79.7
63 32.0 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: 28.168 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037402.D

Acq: 17 Oct 2018 22:43

Instrument :

BNA_G

ClientSampled :

101518-SIDI-E-D-B

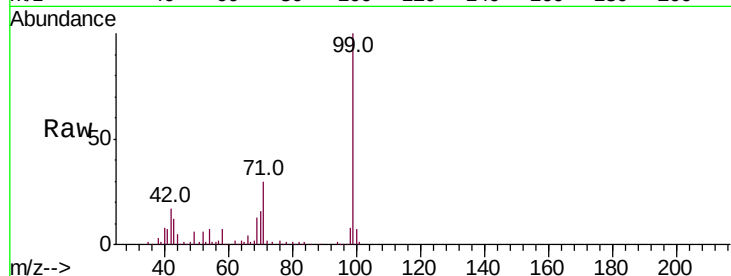
Tot Ion: 99 Resp: 144882

Ion Ratio Lower Upper

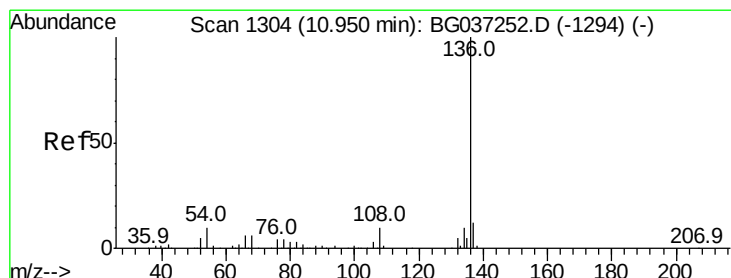
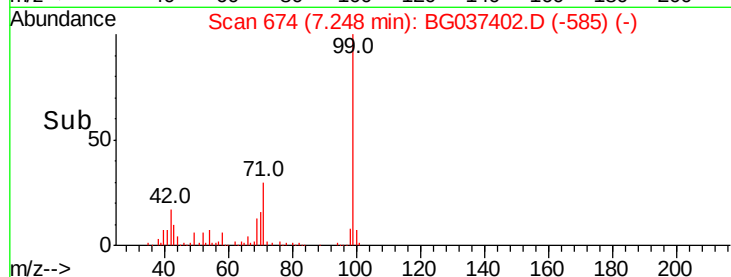
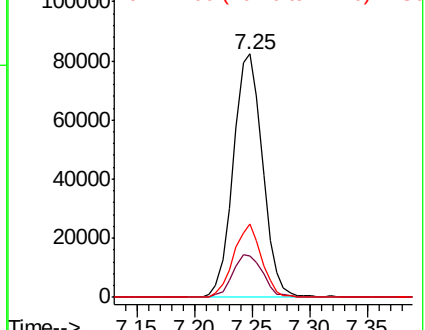
99 100

42 17.2 15.0 22.4

71 30.3 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: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037402.D

Acq: 17 Oct 2018 22:43

Tgt Ion: 136 Resp: 272561

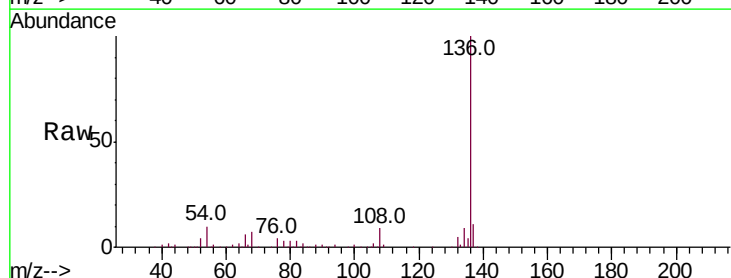
Ion Ratio Lower Upper

136 100

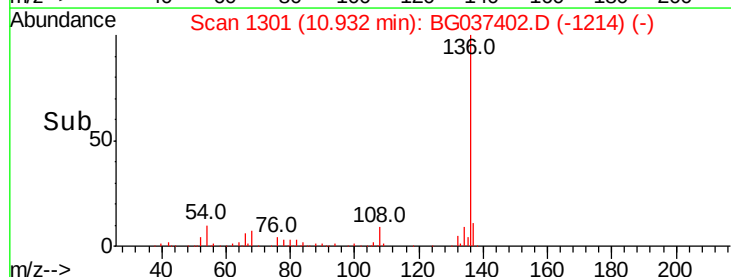
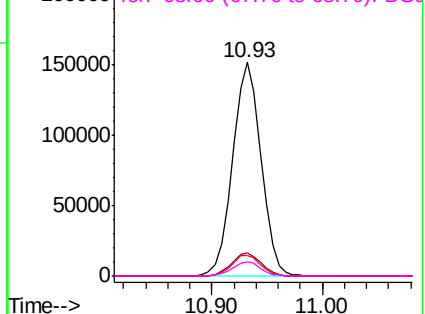
137 10.8 9.6 14.4

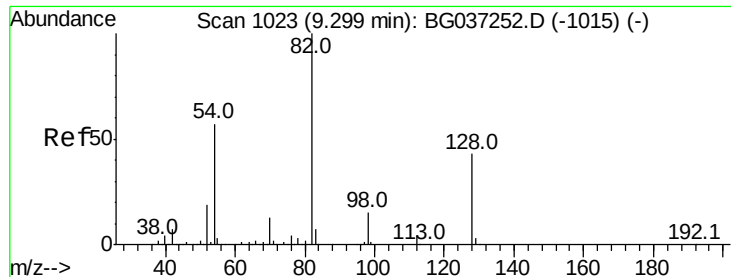
54 9.7 7.9 11.9

68 6.7 4.8 7.2



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

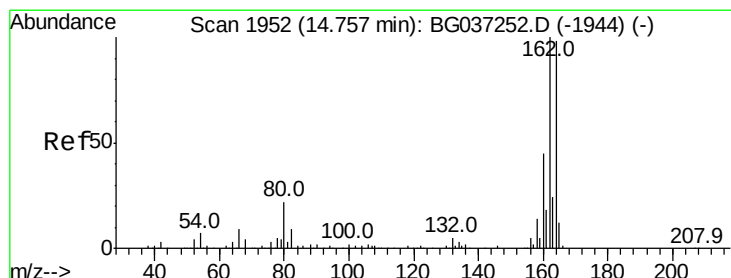
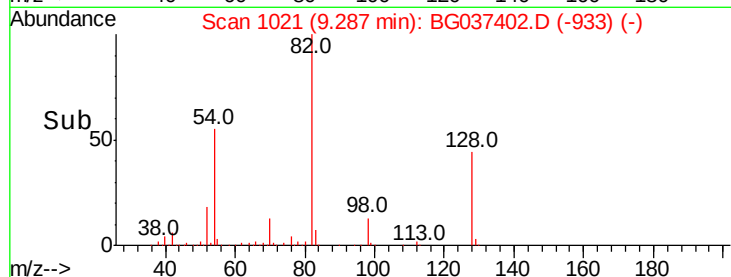
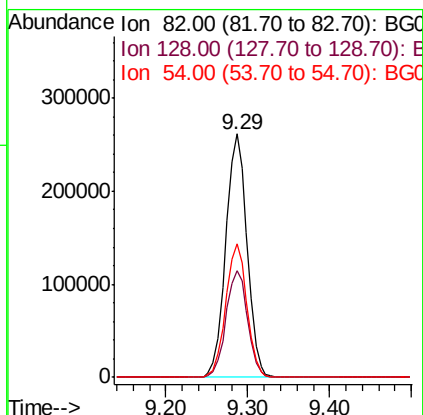
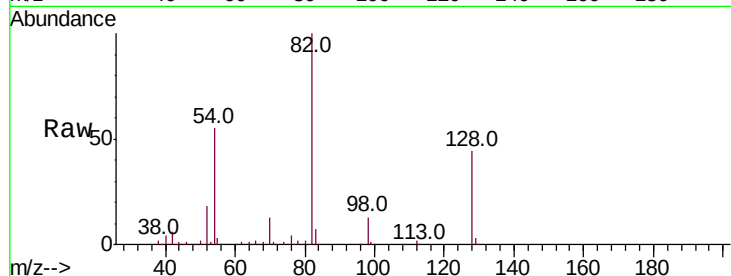




#23
Nitrobenzene-d5
Concen: 114.074 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

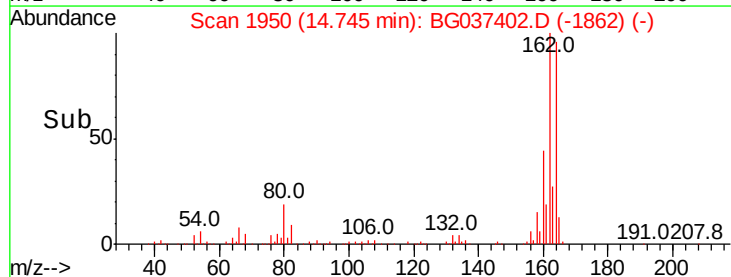
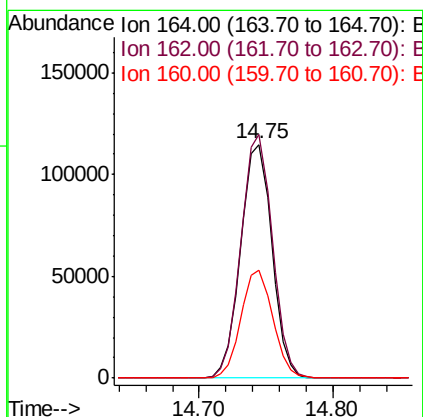
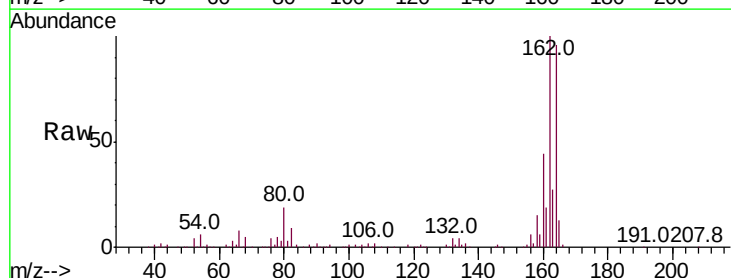
Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-B

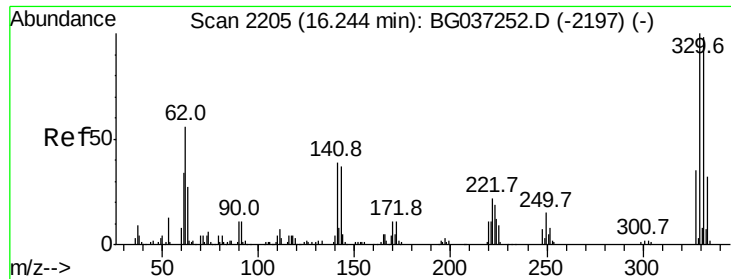
Tot Ion: 82 Resp: 472920
Ion Ratio Lower Upper
82 100
128 43.7 34.6 51.8
54 54.9 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037402.D
Acq: 17 Oct 2018 22:43

Tgt Ion:164 Resp: 186085
Ion Ratio Lower Upper
164 100
162 104.2 81.3 121.9
160 46.0 36.3 54.5

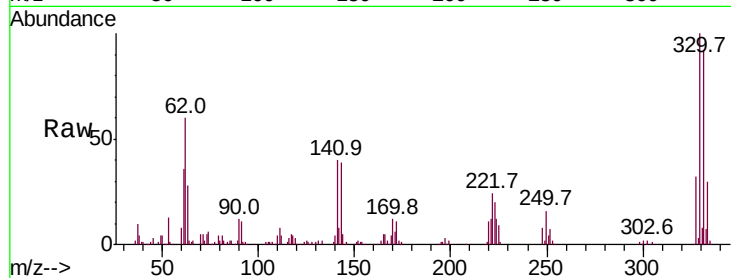




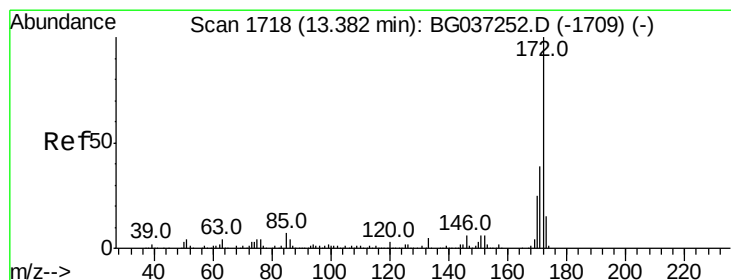
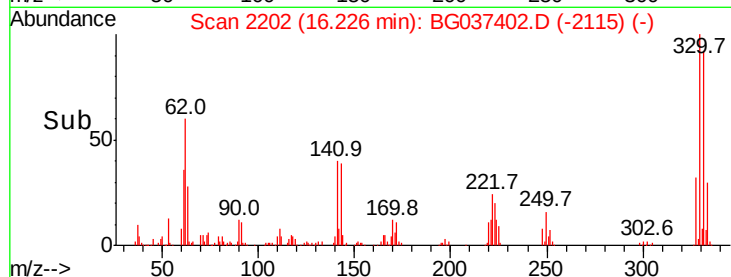
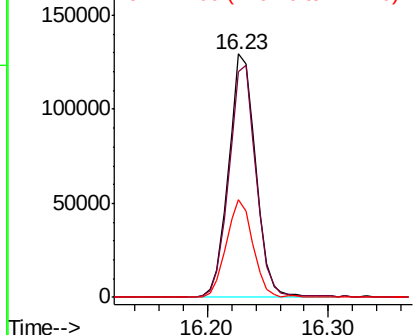
#42
 2,4,6-Tribromophenol
 Concen: 110.976 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG037402.D
 Acq: 17 Oct 2018 22:43

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.4	117.6
141	39.7	32.2	48.2

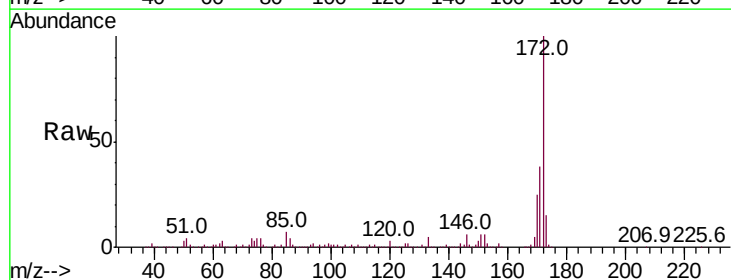


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

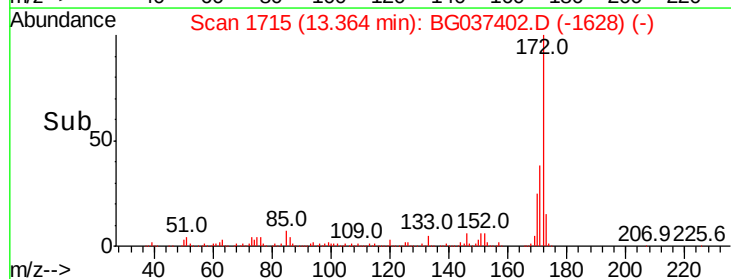
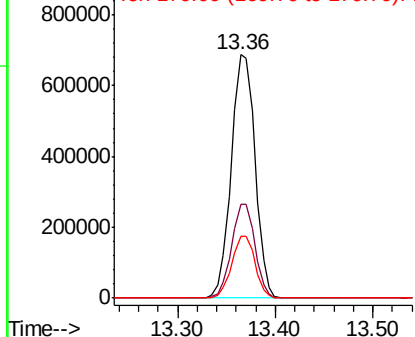


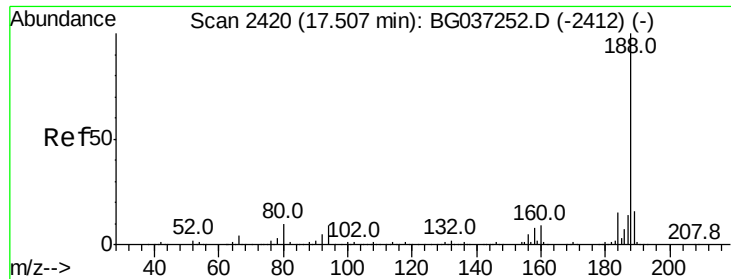
#45
 2-Fluorobiphenyl
 Concen: 93.755 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG037402.D
 Acq: 17 Oct 2018 22:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	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: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037402.D

Acq: 17 Oct 2018 22:43

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-B

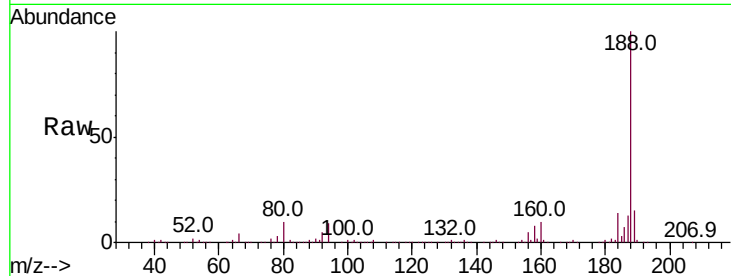
Tot Ion:188 Resp: 459278

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 10.0 7.7 11.5

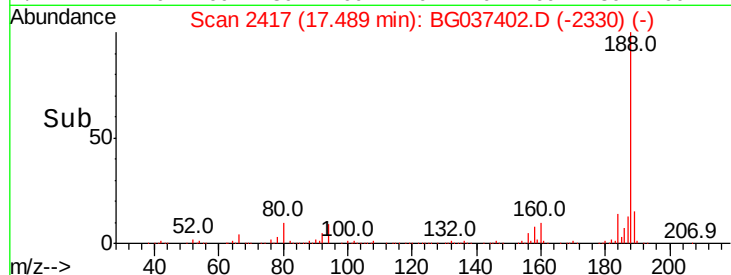


Abundance Ion 188.00 (187.70 to 188.70): E

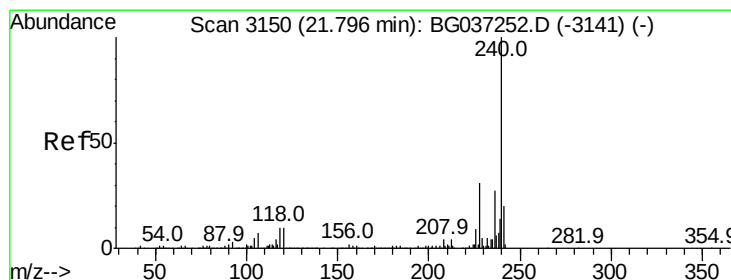
Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

17.49



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG037402.D

Acq: 17 Oct 2018 22:43

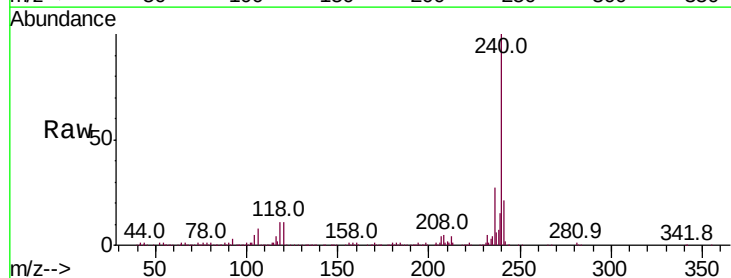
Tgt Ion:240 Resp: 421929

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

236 27.2 21.4 32.0

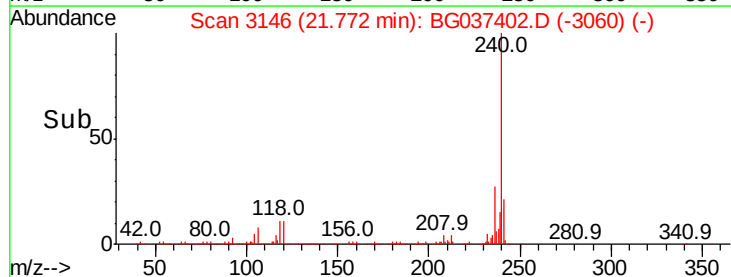


Abundance Ion 240.00 (239.70 to 240.70): E

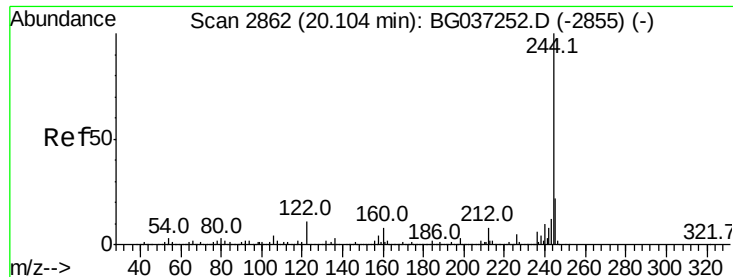
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.77



Time-->

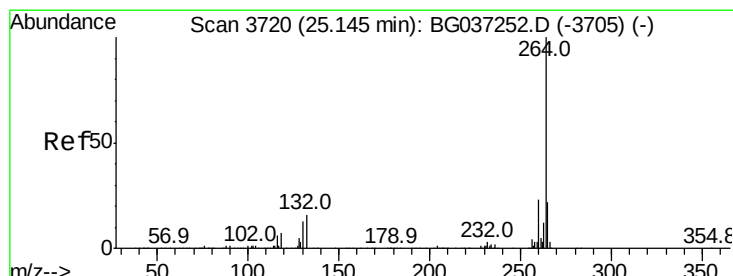
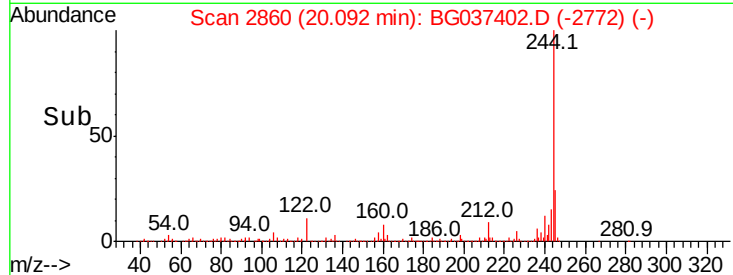
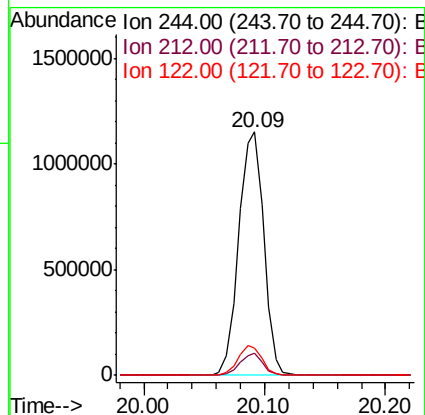
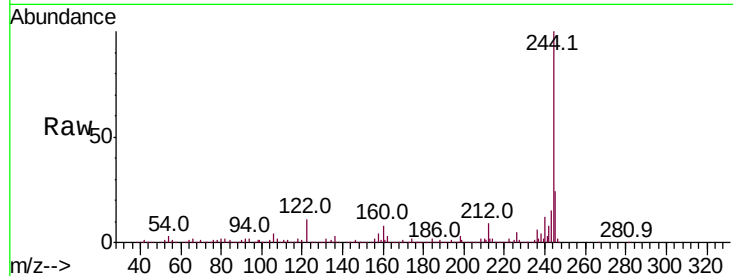


#79
 Terphenyl-d14
 Concen: 83.006 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG037402.D
 Acq: 17 Oct 2018 22:43

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-D-B

Tot Ion:244 Resp: 1667943

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.5	9.7
122	11.5	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.04 min
 Lab File: BG037402.D
 Acq: 17 Oct 2018 22:43

Tgt Ion:264 Resp: 419486

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.5	17.9	26.9

