

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037379.D
 Acq On : 17 Oct 2018 6:57
 Operator : JU/SJ
 Sample : J5198-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-101218-E

Quant Time: Oct 17 08:41:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	64472	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	275356	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	185782	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	442589	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	403630	20.00	ng	-0.02
87) Perylene-d12	25.11	264	431743	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	392124	107.04	ng	0.00
7) Phenol-d6	7.25	99	510441	91.80	ng	0.00
23) Nitrobenzene-d5	9.29	82	361212	86.24	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	194935	106.99	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	904244	73.09	ng	-0.01
79) Terphenyl-d14	20.09	244	1307054	68.00	ng	-0.01

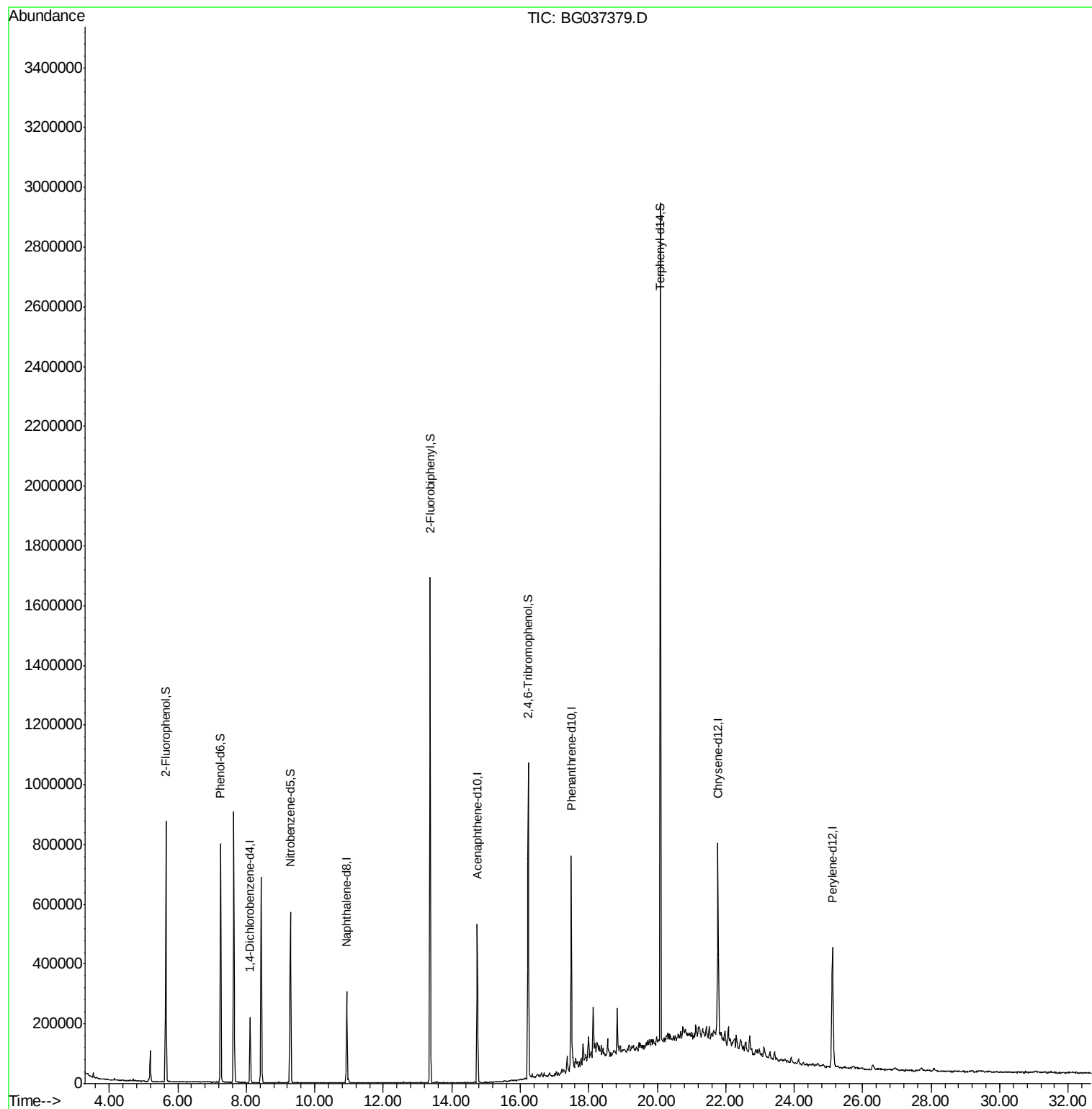
Target Compounds Qvalue

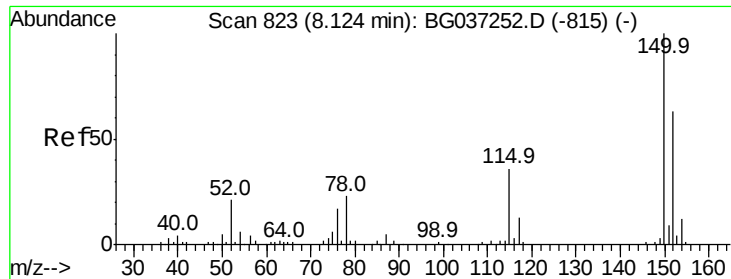
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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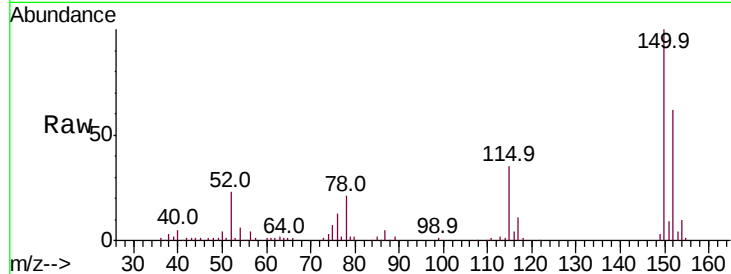


#1

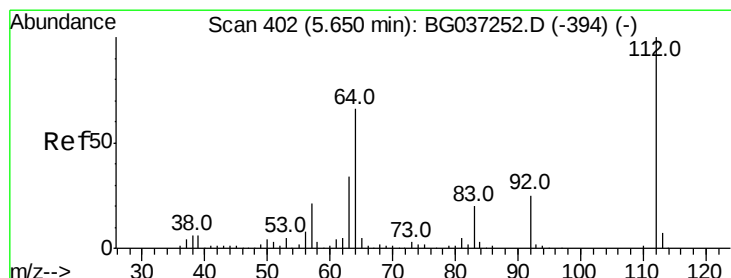
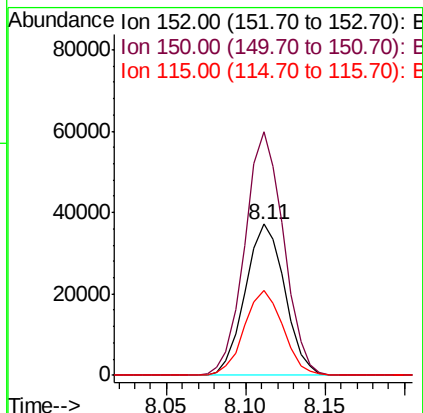
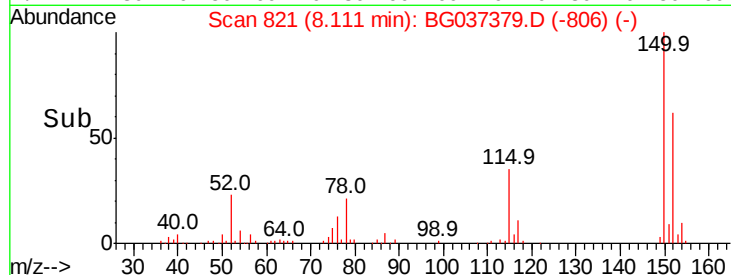
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037379.D
Acq: 17 Oct 2018 6:57

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-E

Tot Ion:152 Resp: 64472
Ion Ratio Lower Upper
152 100
150 161.4 126.0 189.0
115 56.2 45.5 68.3



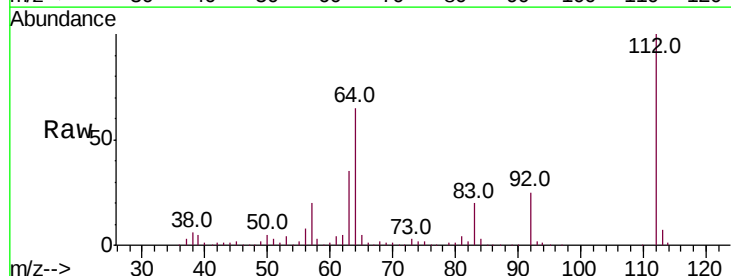
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



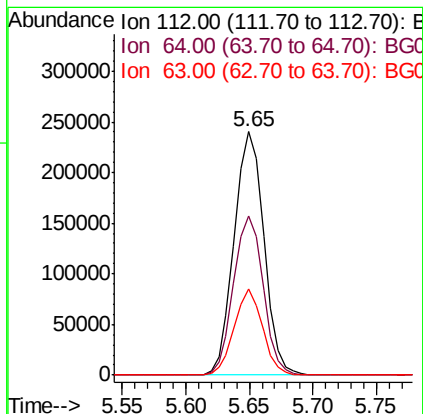
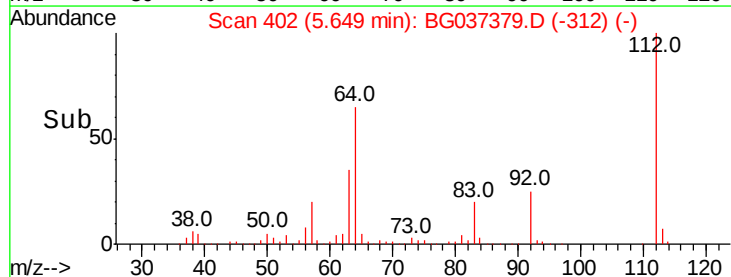
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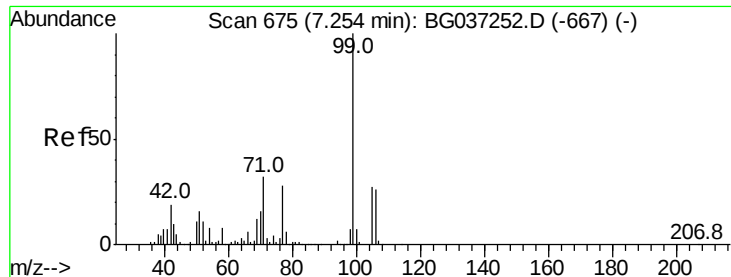
2-Fluorophenol
Concen: 107.039 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037379.D
Acq: 17 Oct 2018 6:57

Tgt Ion:112 Resp: 392124
Ion Ratio Lower Upper
112 100
64 65.1 53.1 79.7
63 35.2 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: 91.799 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037379.D

Acq: 17 Oct 2018 6:57

Instrument :

BNA_G

ClientSampleId :

CL-02-101218-E

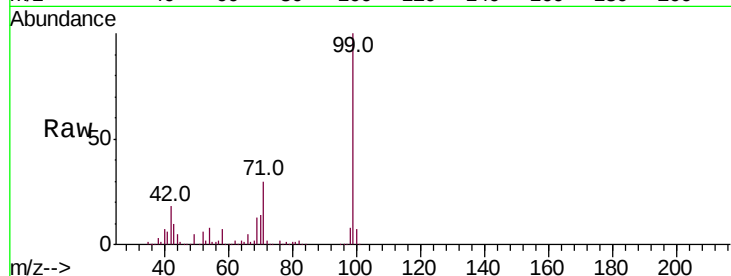
Tot Ion: 99 Resp: 510441

Ion Ratio Lower Upper

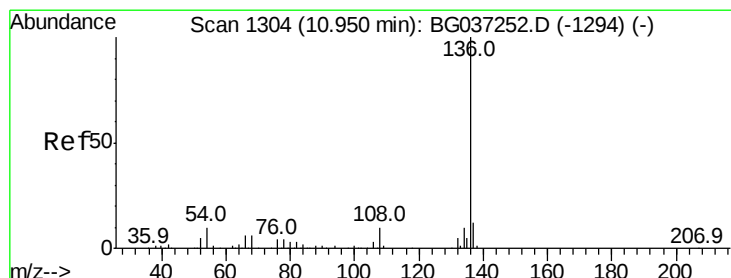
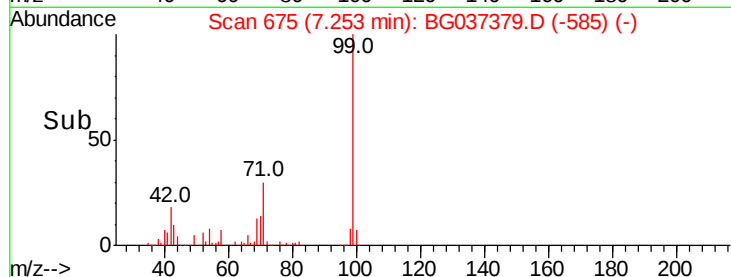
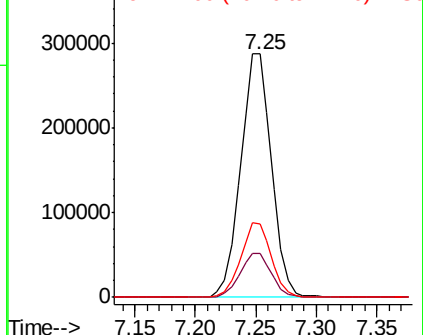
99 100

42 18.2 15.0 22.4

71 30.1 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: BG037379.D

Acq: 17 Oct 2018 6:57

Tgt Ion: 136 Resp: 275356

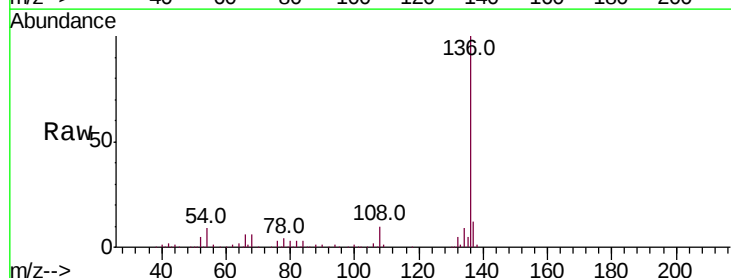
Ion Ratio Lower Upper

136 100

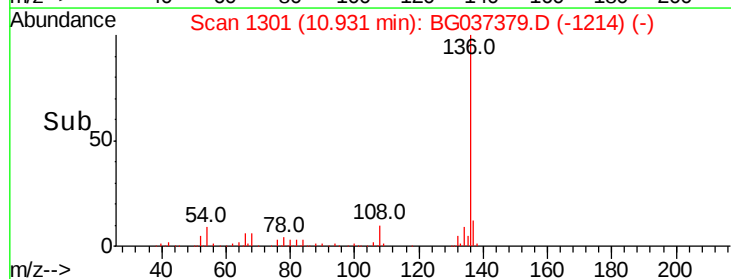
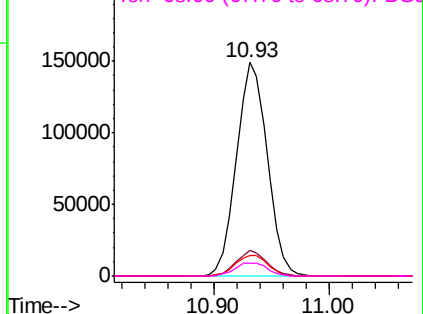
137 11.7 9.6 14.4

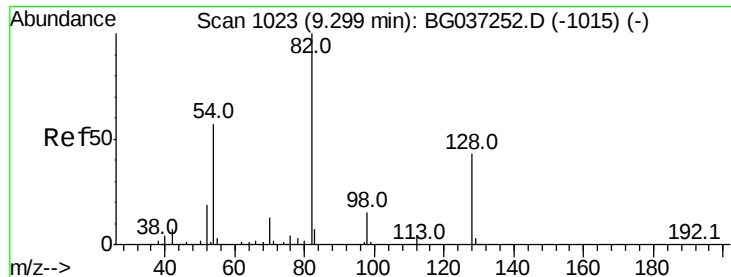
54 9.4 7.9 11.9

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

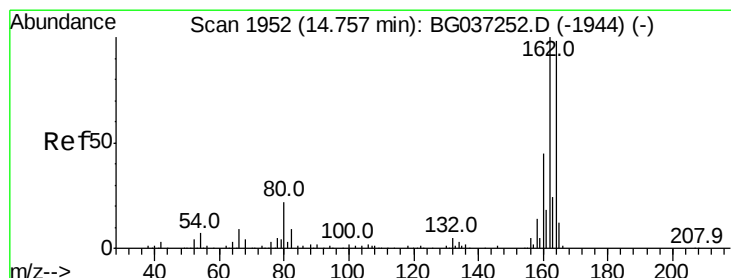
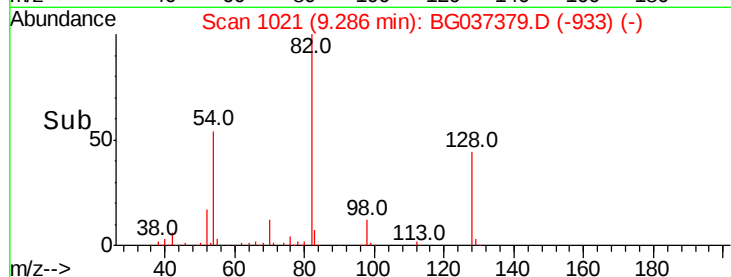
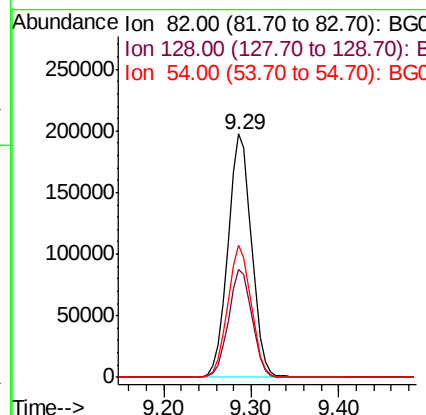
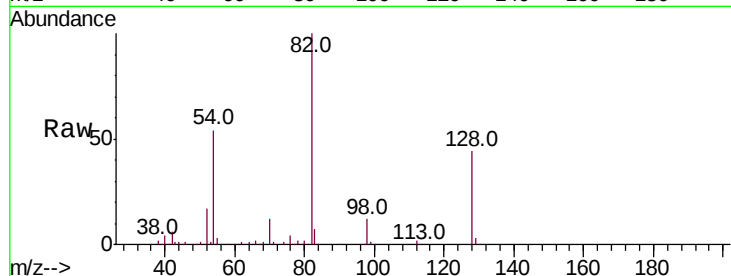




#23
 Nitrobenzene-d5
 Concen: 86.244 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG037379.D
 Acq: 17 Oct 2018 6:57

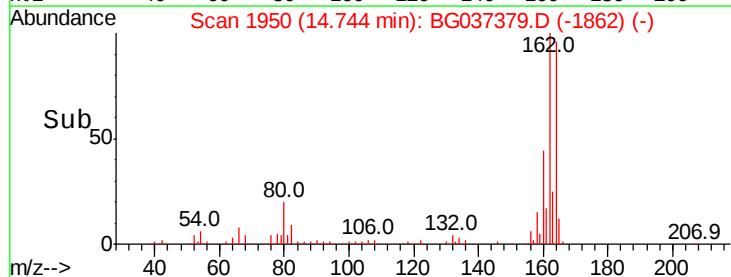
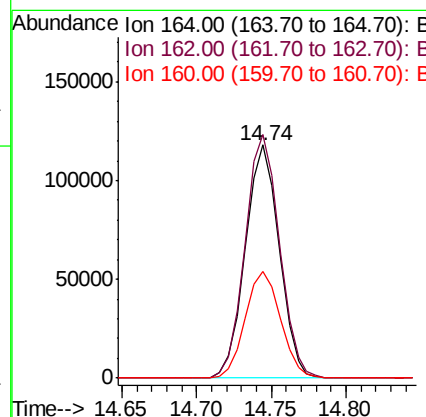
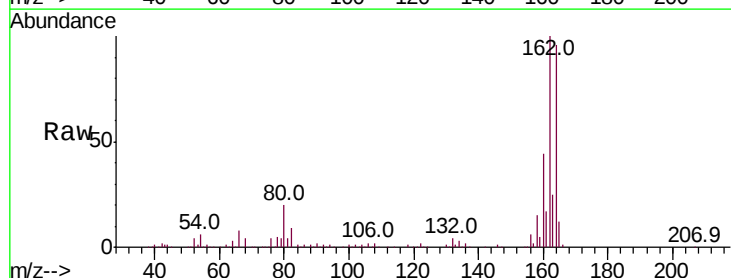
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-101218-E

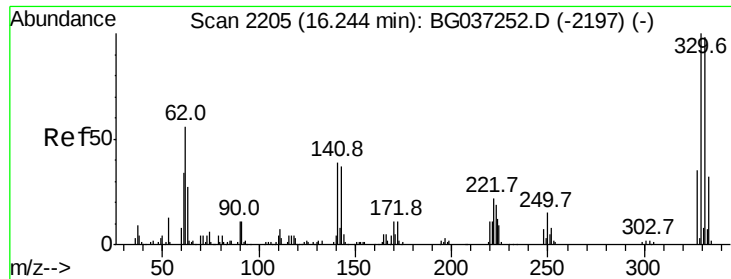
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	54.2	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG037379.D
 Acq: 17 Oct 2018 6:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.3	121.9
160	46.0	36.3	54.5

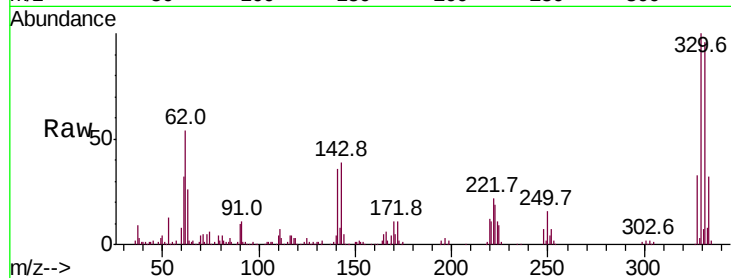




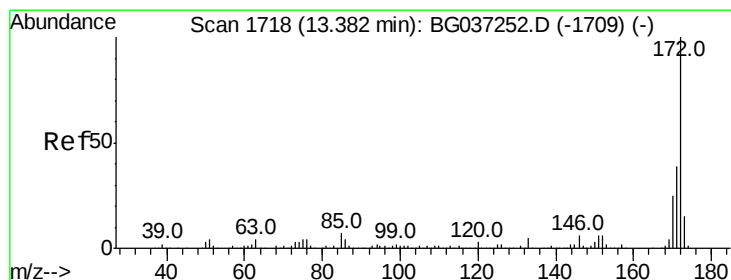
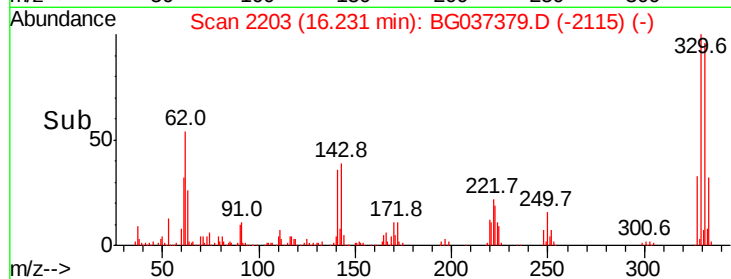
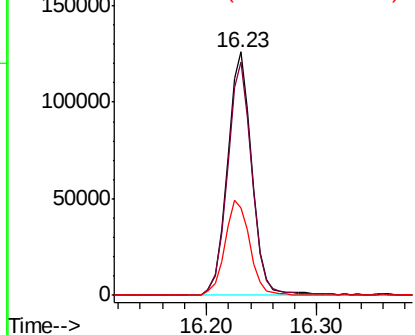
#42
 2,4,6-Tribromophenol
 Concen: 106.989 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG037379.D
 Acq: 17 Oct 2018 6:57

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-101218-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.4	117.6
141	39.8	32.2	48.2

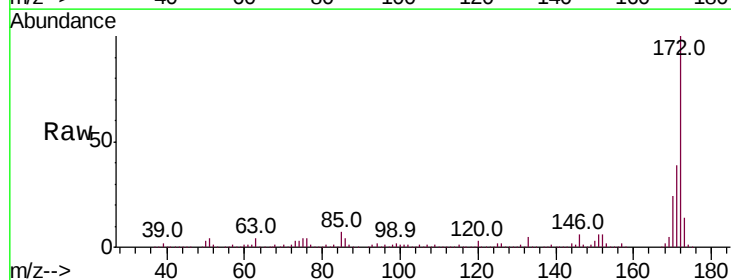


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

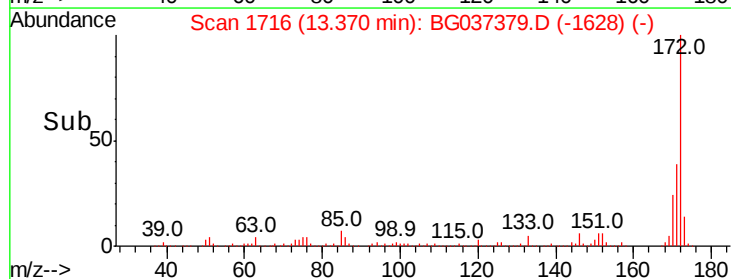
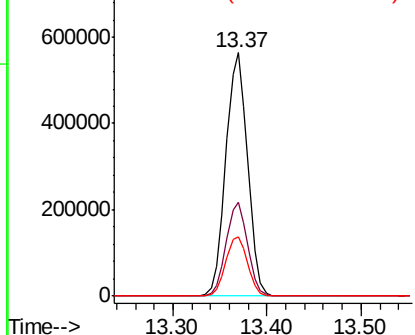


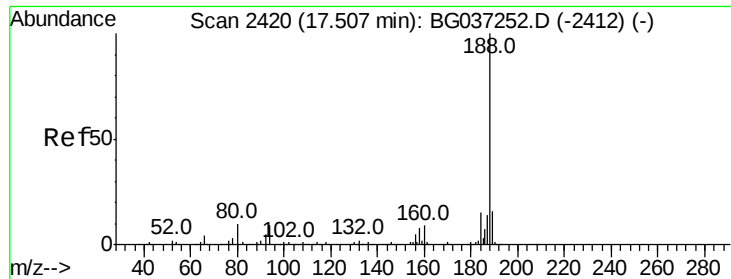
#45
 2-Fluorobiphenyl
 Concen: 73.094 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037379.D
 Acq: 17 Oct 2018 6:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	24.3	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

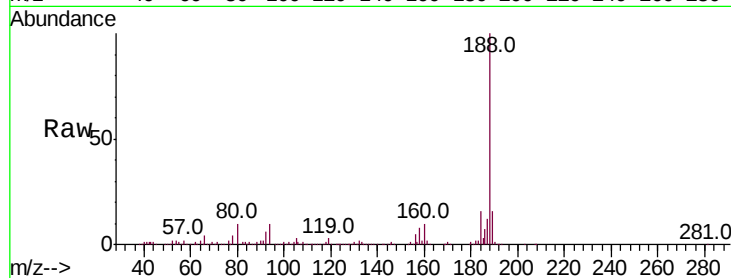




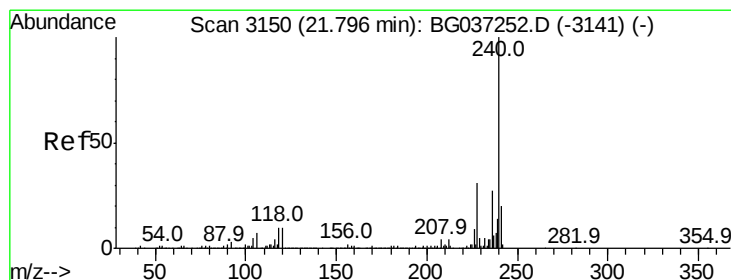
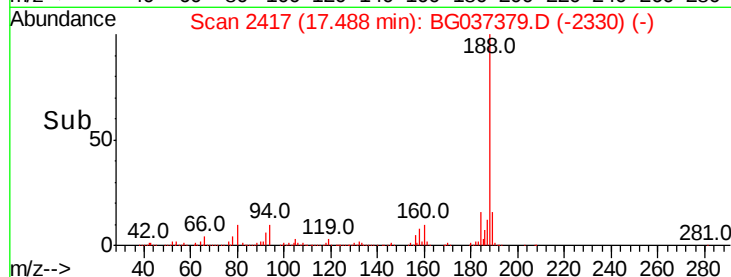
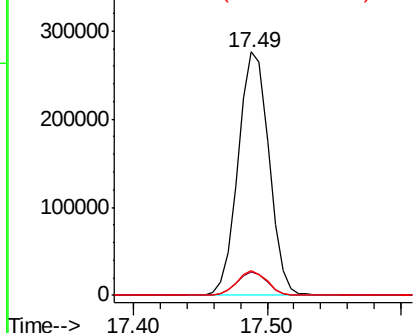
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037379.D
Acq: 17 Oct 2018 6:57

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-E

Tot Ion:188 Resp: 442589
Ion Ratio Lower Upper
188 100
94 9.8 7.2 10.8
80 10.2 7.7 11.5

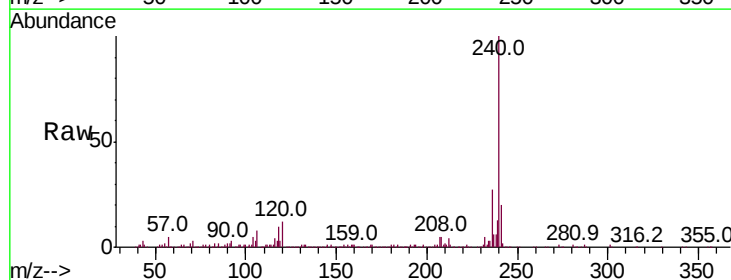


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

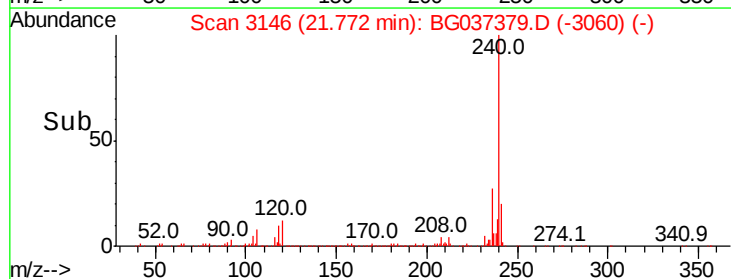
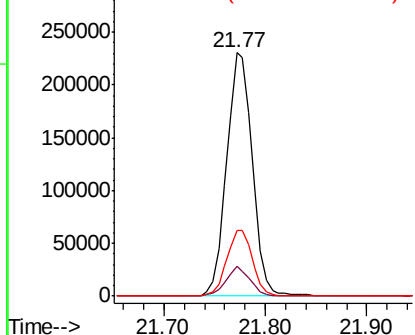


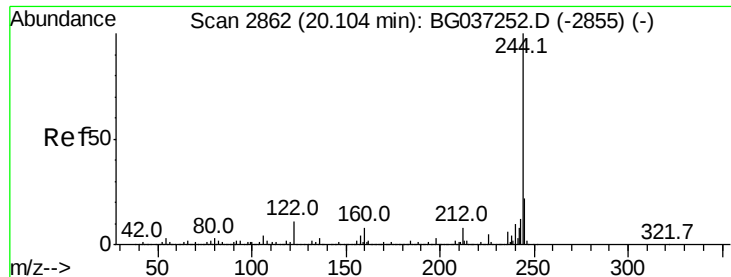
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037379.D
Acq: 17 Oct 2018 6:57

Tgt Ion:240 Resp: 403630
Ion Ratio Lower Upper
240 100
120 12.1 8.1 12.1
236 27.0 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: 67.995 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037379.D

Acq: 17 Oct 2018 6:57

Instrument :

BNA_G

ClientSampleId :

CL-02-101218-E

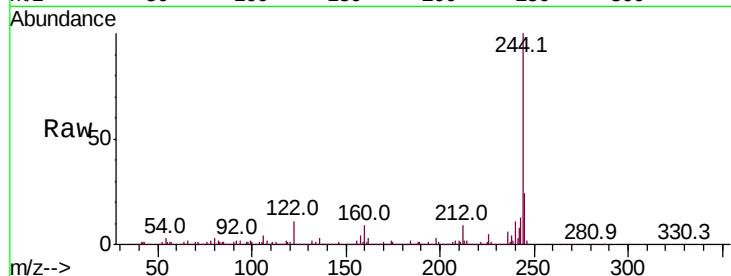
Tot Ion:244 Resp: 1307054

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

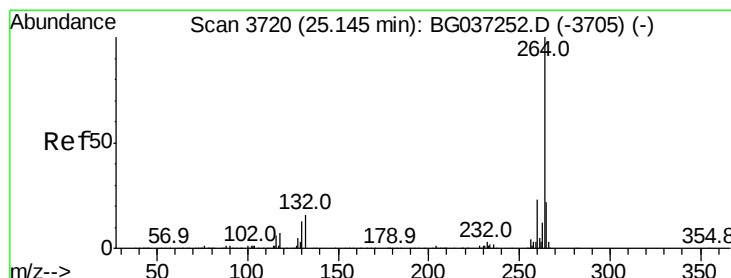
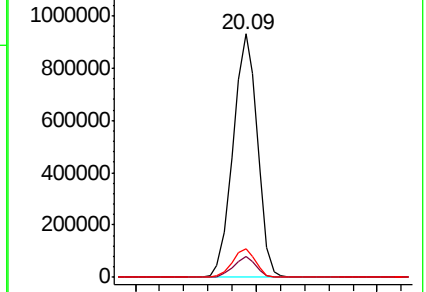
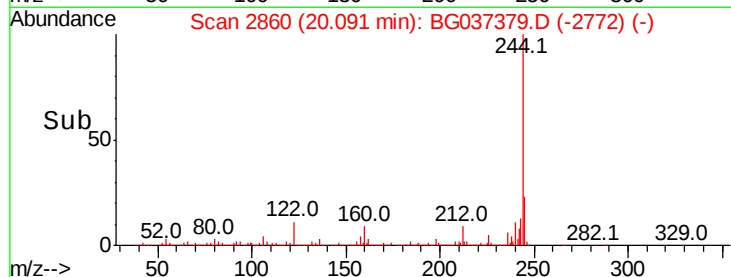
122 11.5 9.0 13.4



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: 25.11 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037379.D

Acq: 17 Oct 2018 6:57

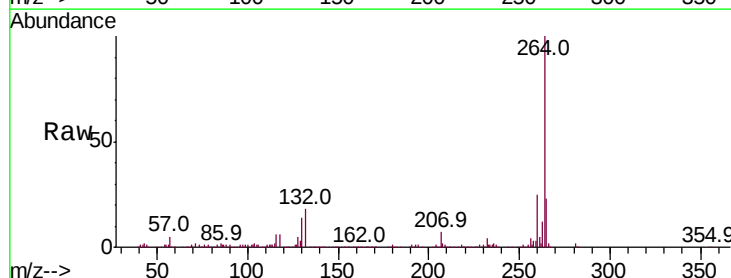
Tgt Ion:264 Resp: 431743

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 22.6 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

