

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037489.D
 Acq On : 23 Oct 2018 23:25
 Operator : JU/SJ
 Sample : J5626-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-2018.10.19-SW

Quant Time: Oct 24 05:37:54 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	8.11	152	57232	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	254766	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	174303	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	418099	20.00	ng	0.00
76) Chrysene-d12	21.77	240	378768	20.00	ng	0.00
87) Perylene-d12	25.11	264	374622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	198292	57.92	ng	0.00
7) Phenol-d6	7.24	99	178794	34.54	ng	0.00
23) Nitrobenzene-d5	9.28	82	380395	83.64	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	232240	122.16	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	924700	80.00	ng	0.00
79) Terphenyl-d14	20.09	244	1421150	80.17	ng	0.00

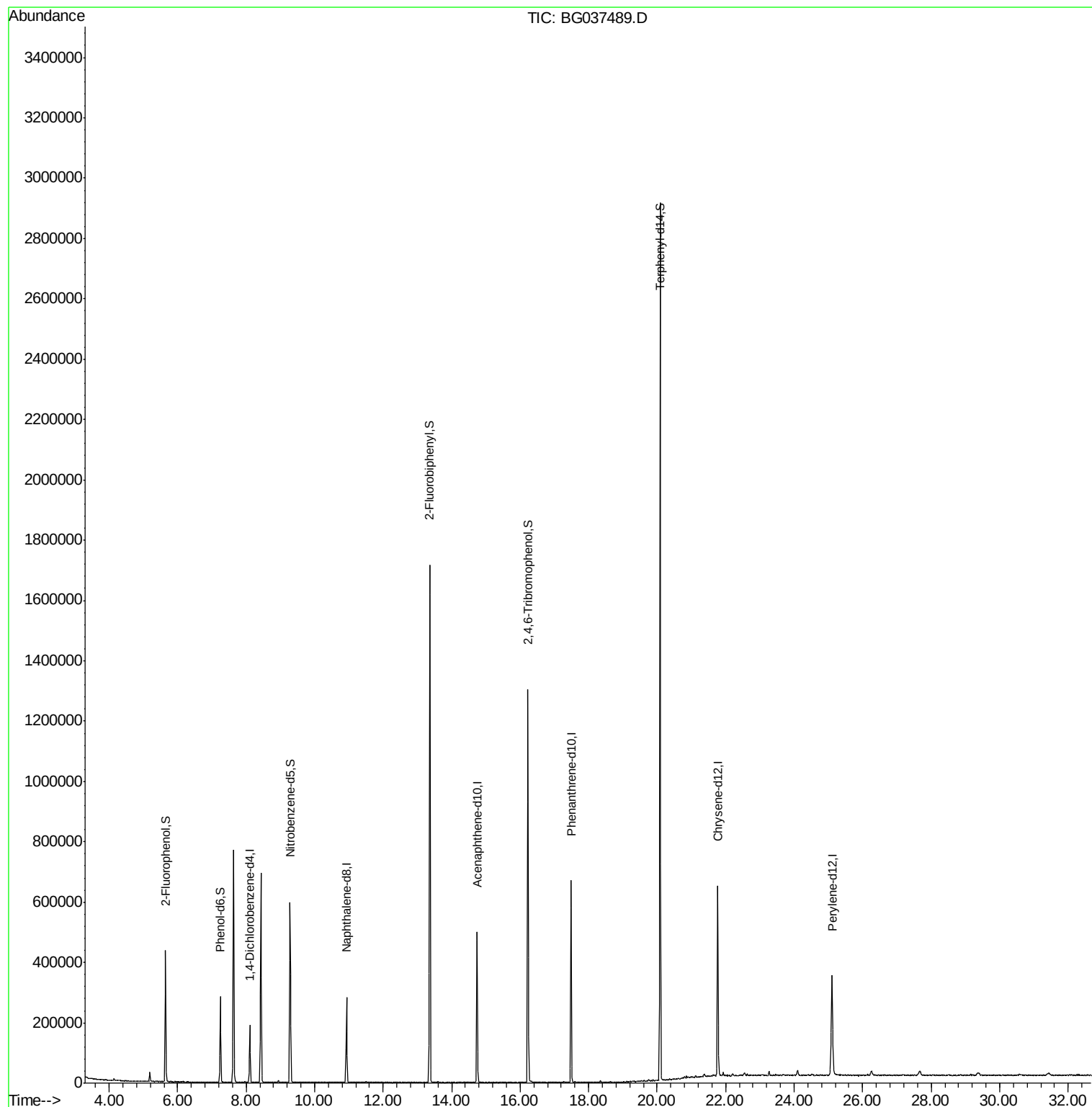
Target Compounds Qvalue

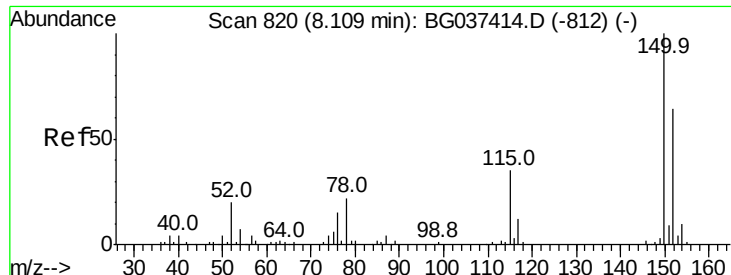
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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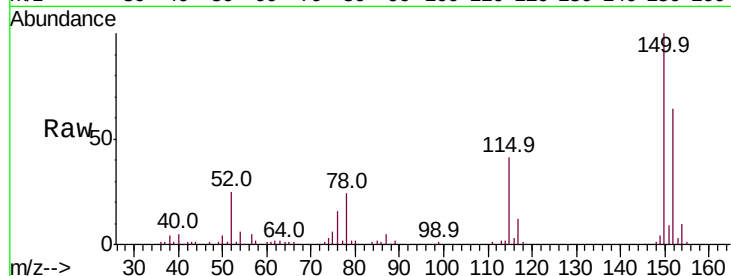


#1

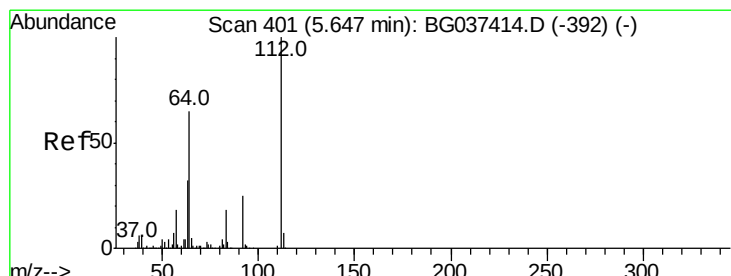
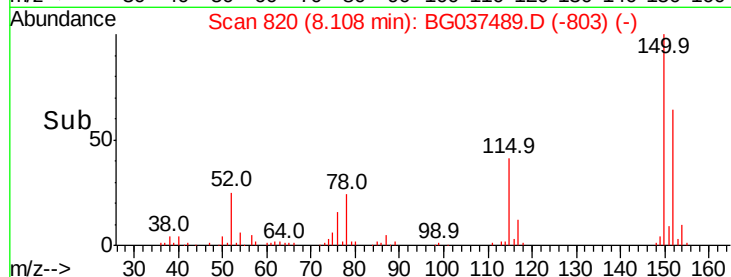
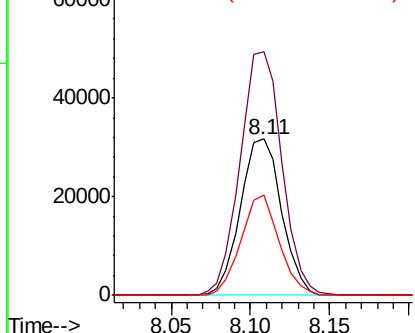
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037489.D
Acq: 23 Oct 2018 23:25

Instrument :
BNA_G
ClientSampleId :
EB-2018.10.19-SW

Tot Ion:152 Resp: 57232
Ion Ratio Lower Upper
152 100
150 155.8 126.0 189.0
115 64.4 45.5 68.3



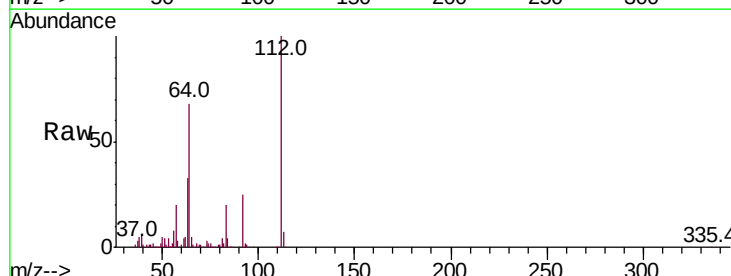
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



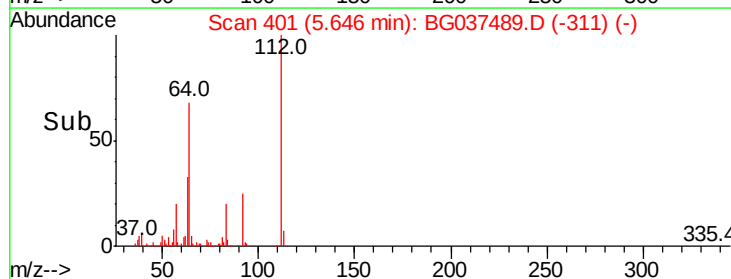
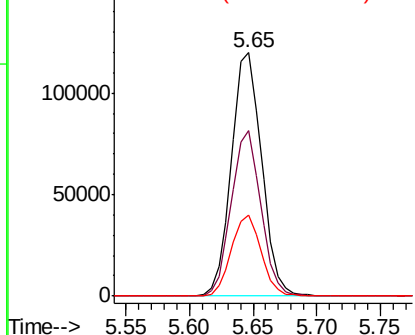
#5

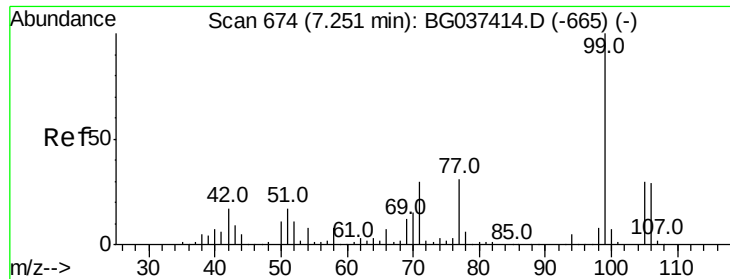
2-Fluorophenol
Concen: 57.925 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037489.D
Acq: 23 Oct 2018 23:25

Tgt Ion:112 Resp: 198292
Ion Ratio Lower Upper
112 100
64 67.9 53.1 79.7
63 33.4 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: 34.540 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037489.D

Acq: 23 Oct 2018 23:25

Instrument :

BNA_G

ClientSampleId :

EB-2018.10.19-SW

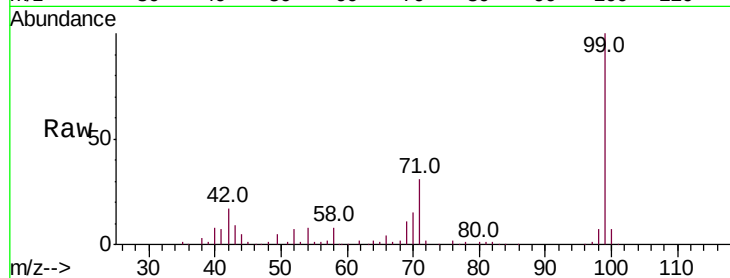
Tot Ion: 99 Resp: 178794

Ion Ratio Lower Upper

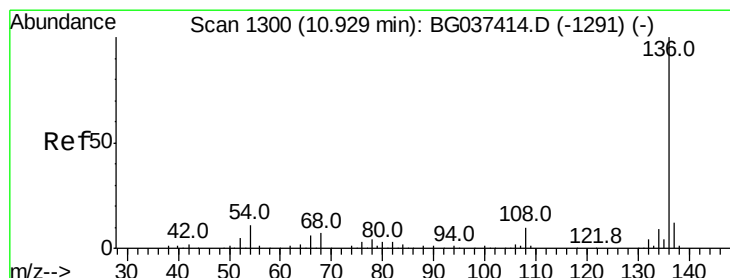
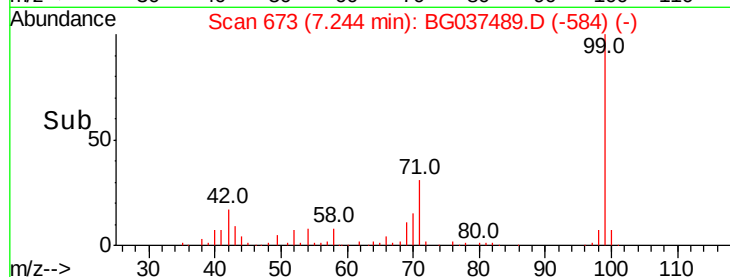
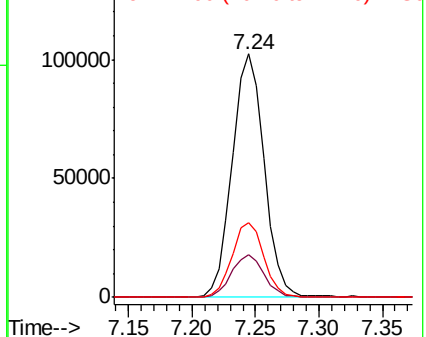
99 100

42 17.3 15.0 22.4

71 30.9 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# 1300

Delta R.T. -0.00 min

Lab File: BG037489.D

Acq: 23 Oct 2018 23:25

Tgt Ion: 136 Resp: 254766

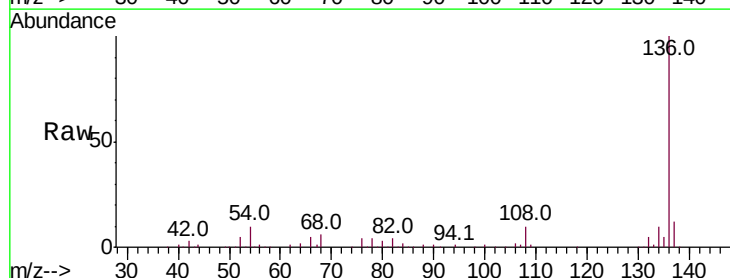
Ion Ratio Lower Upper

136 100

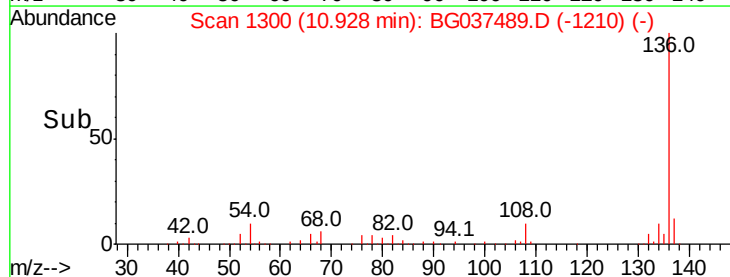
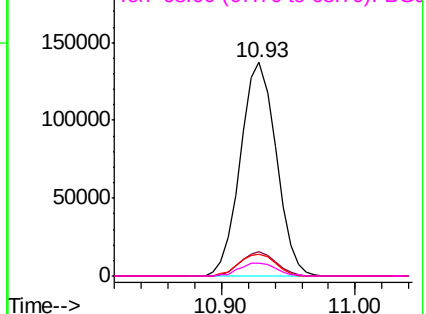
137 11.5 9.6 14.4

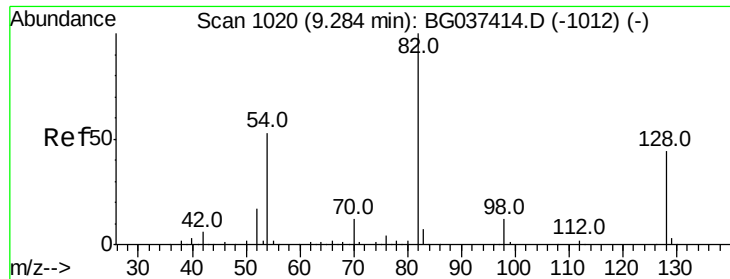
54 10.3 7.9 11.9

68 5.9 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

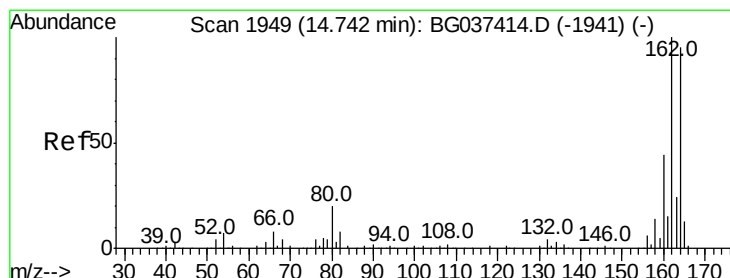
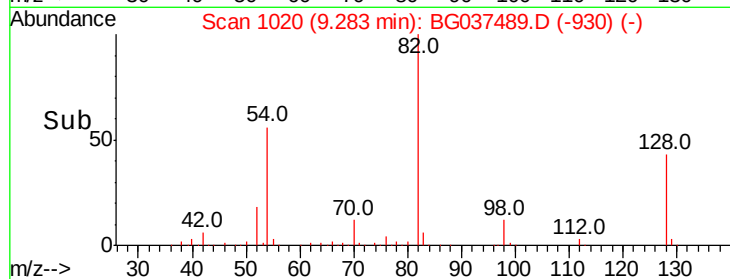
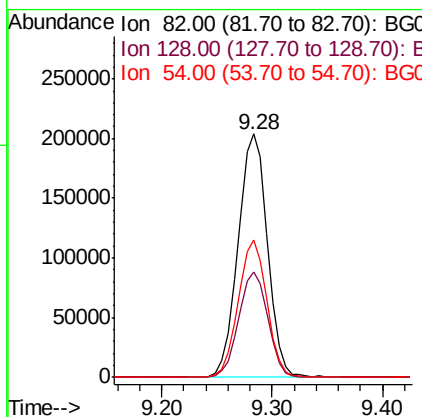
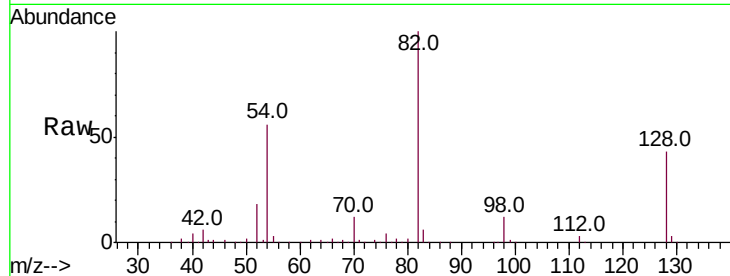




#23
 Nitrobenzene-d5
 Concen: 83.643 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037489.D
 Acq: 23 Oct 2018 23:25

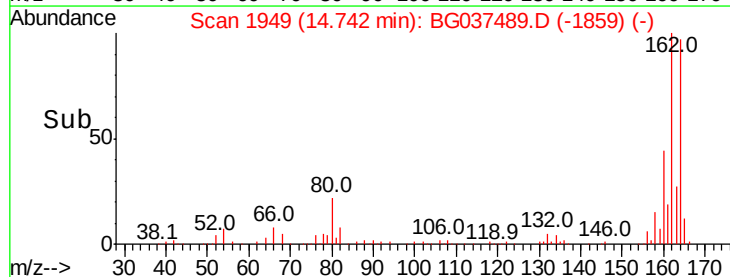
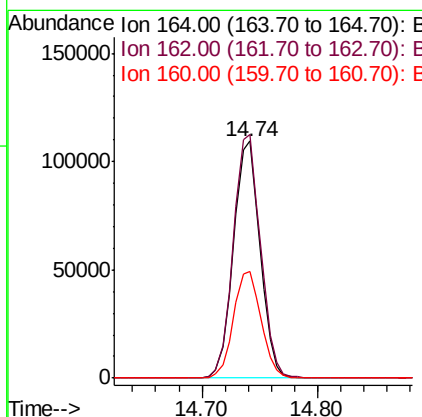
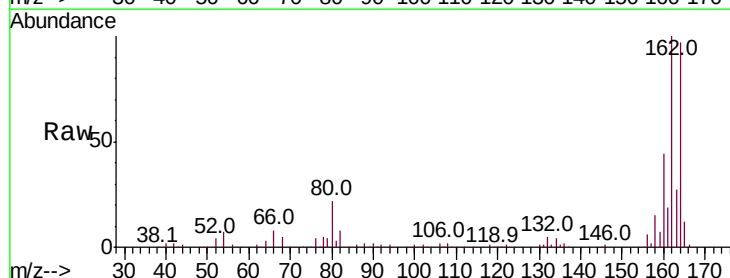
Instrument :
 BNA_G
 ClientSampleId :
 EB-2018.10.19-SW

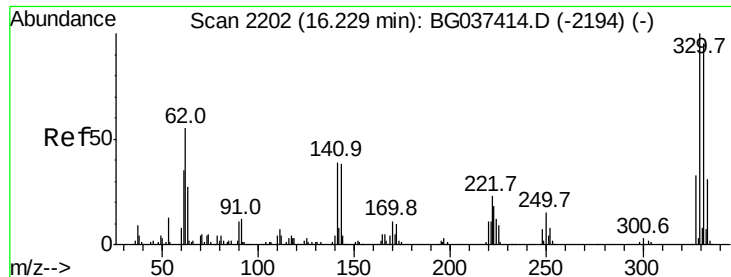
Tot Ion	82	Resp	380395
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	56.4	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037489.D
 Acq: 23 Oct 2018 23:25

Tgt Ion	164	Resp	174303
Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.3	121.9
160	45.0	36.3	54.5

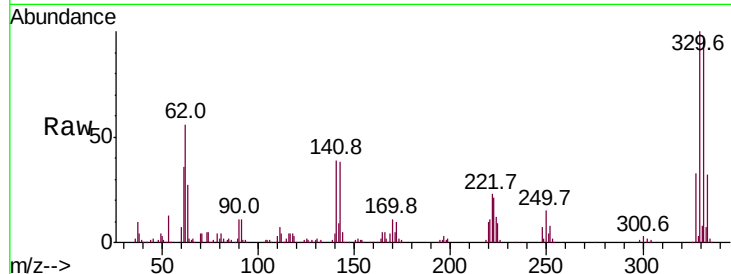




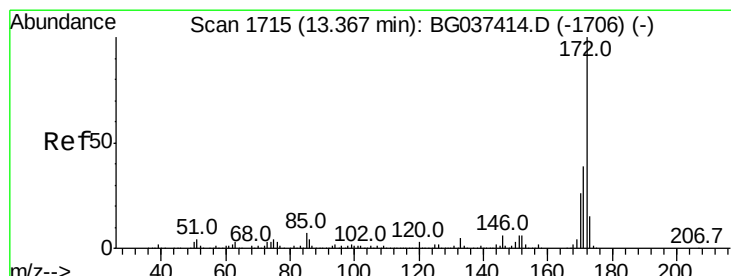
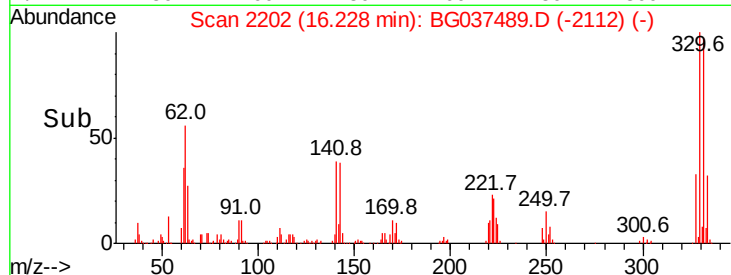
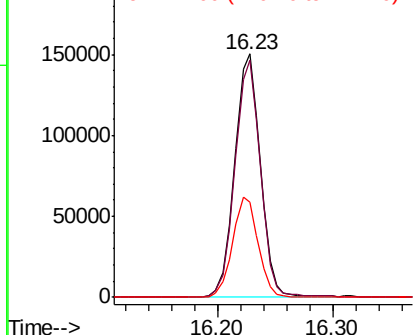
#42
 2,4,6-Tribromophenol
 Concen: 122.161 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037489.D
 Acq: 23 Oct 2018 23:25

Instrument :
 BNA_G
 ClientSampleId :
 EB-2018.10.19-SW

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.4	117.6
141	40.8	32.2	48.2

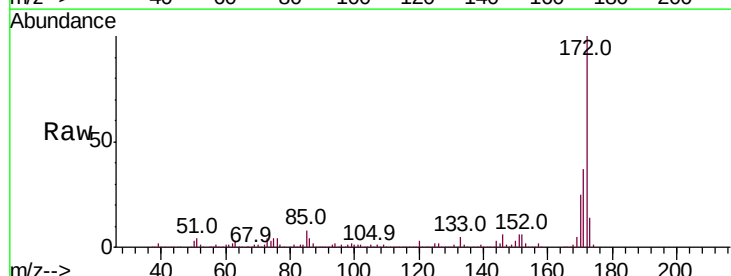


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

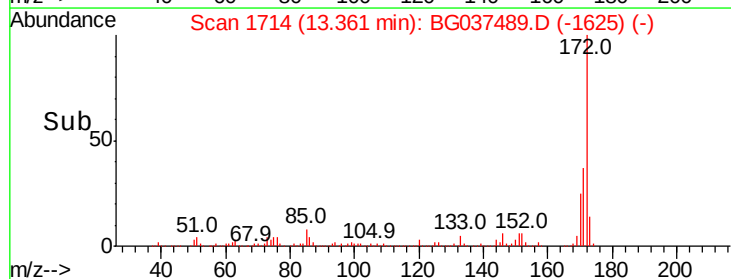
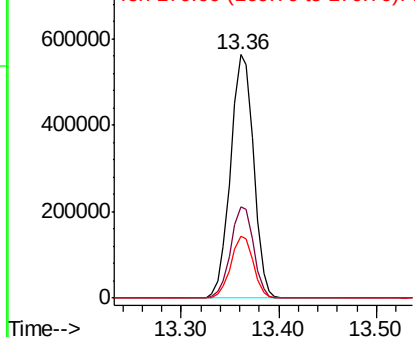


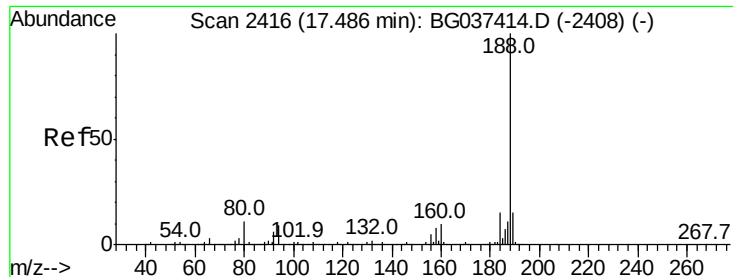
#45
 2-Fluorobiphenyl
 Concen: 79.998 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037489.D
 Acq: 23 Oct 2018 23:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	25.2	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# 2416

Delta R.T. -0.00 min

Lab File: BG037489.D

Acq: 23 Oct 2018 23:25

Instrument :

BNA_G

ClientSampleId :

EB-2018.10.19-SW

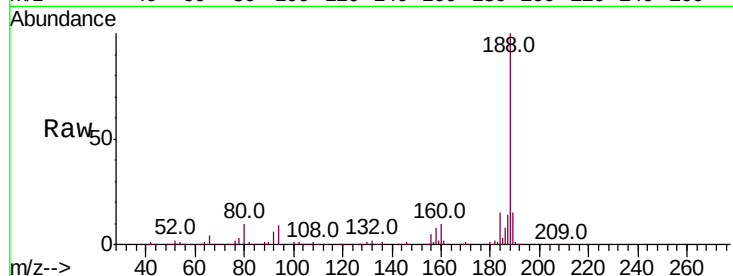
Tot Ion:188 Resp: 418099

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

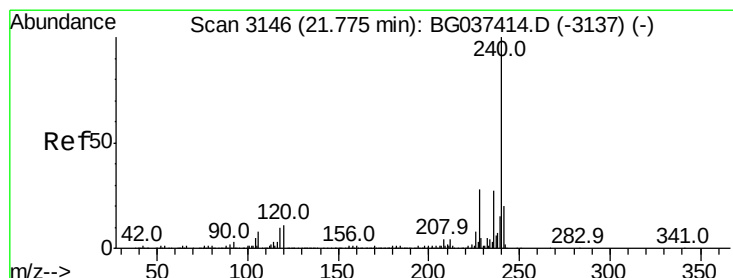
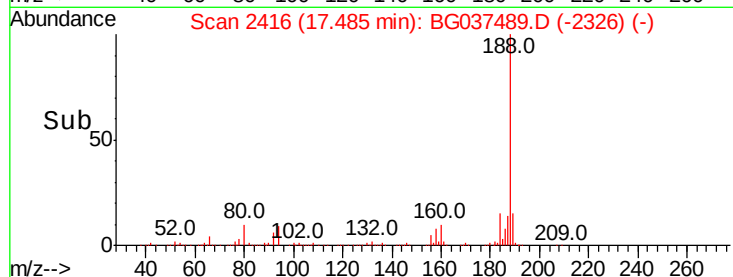
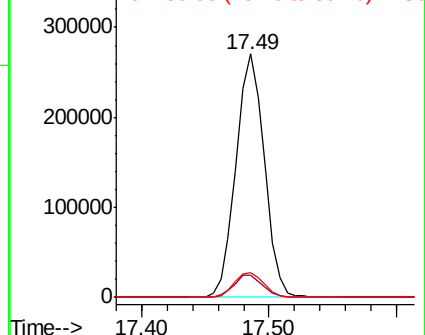
80 10.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037489.D

Acq: 23 Oct 2018 23:25

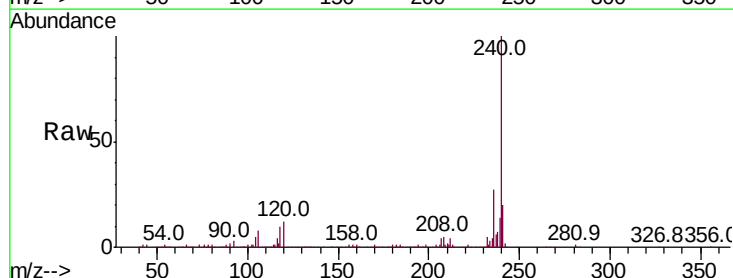
Tgt Ion:240 Resp: 378768

Ion Ratio Lower Upper

240 100

120 11.8 8.1 12.1

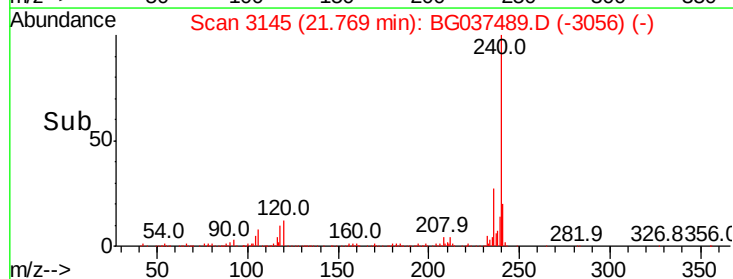
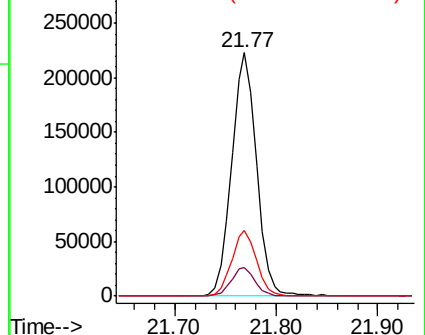
236 27.0 21.4 32.0

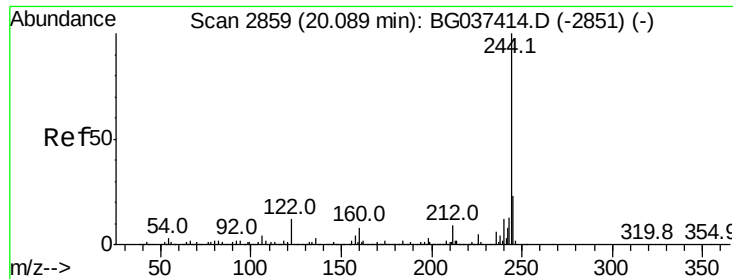


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.172 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037489.D

Acq: 23 Oct 2018 23:25

Instrument :

BNA_G

ClientSampleId :

EB-2018.10.19-SW

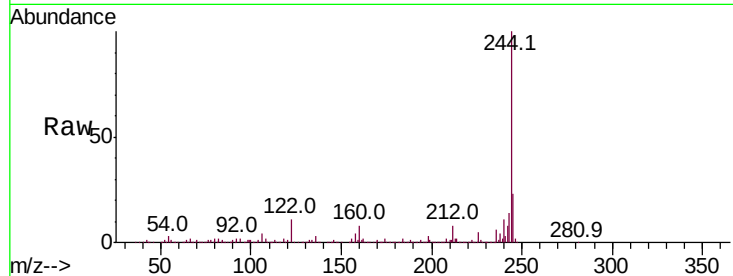
Tot Ion:244 Resp: 1421150

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

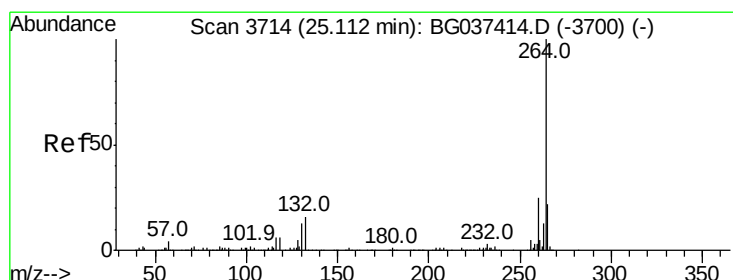
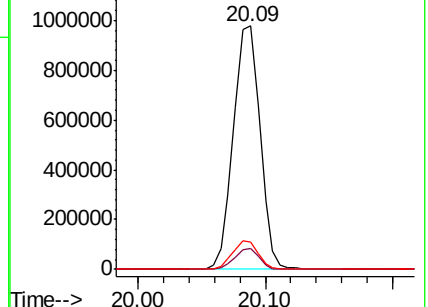
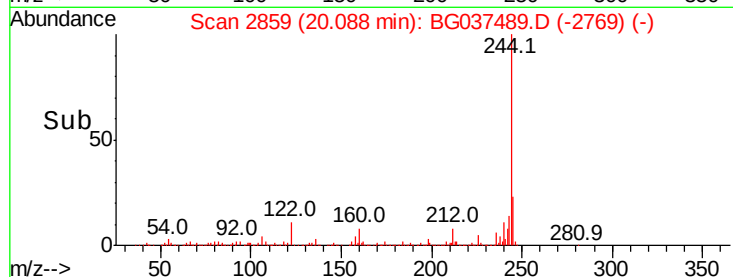
122 11.4 9.0 13.4



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# 3713

Delta R.T. -0.01 min

Lab File: BG037489.D

Acq: 23 Oct 2018 23:25

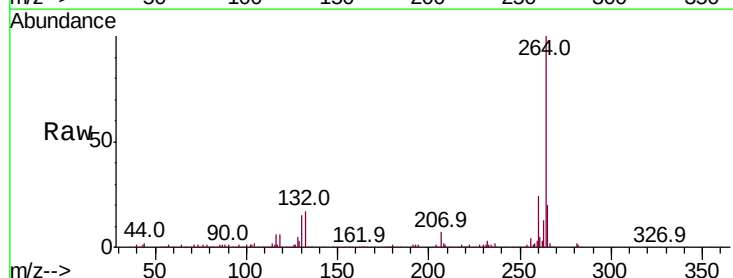
Tgt Ion:264 Resp: 374622

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 19.7 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

