

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037487.D
 Acq On : 23 Oct 2018 22:06
 Operator : JU/SJ
 Sample : J5626-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PA-TWP-01

Quant Time: Oct 24 05:32:36 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	67164	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	295646	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	200423	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	473142	20.00	ng	0.00
76) Chrysene-d12	21.77	240	433743	20.00	ng	0.00
87) Perylene-d12	25.10	264	436848	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	229751	57.19	ng	0.00
7) Phenol-d6	7.25	99	212735	35.02	ng	0.00
23) Nitrobenzene-d5	9.28	82	428566	81.20	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	267243	122.25	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	997577	75.06	ng	0.00
79) Terphenyl-d14	20.09	244	1511243	74.45	ng	0.00

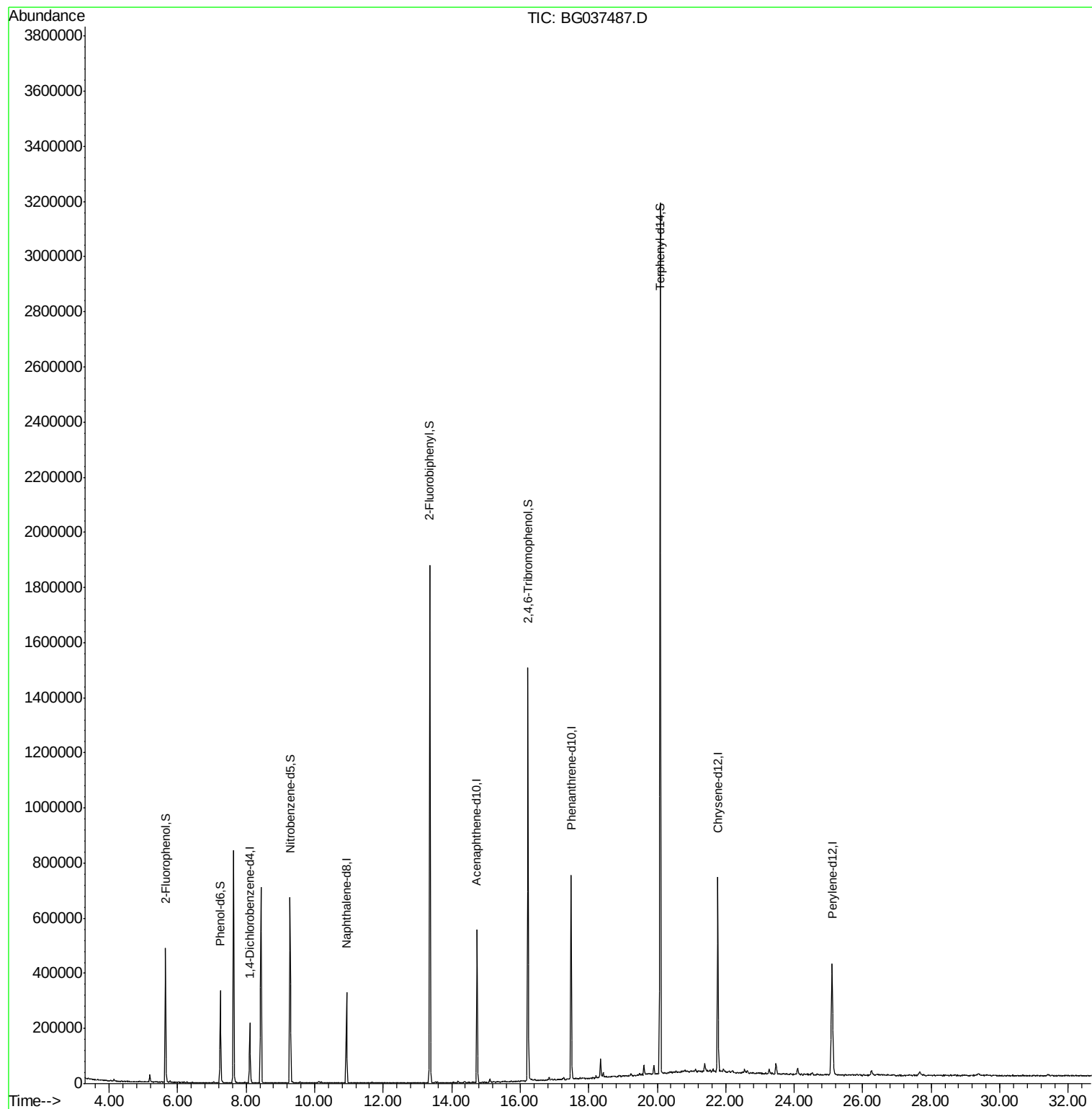
Target Compounds Qvalue

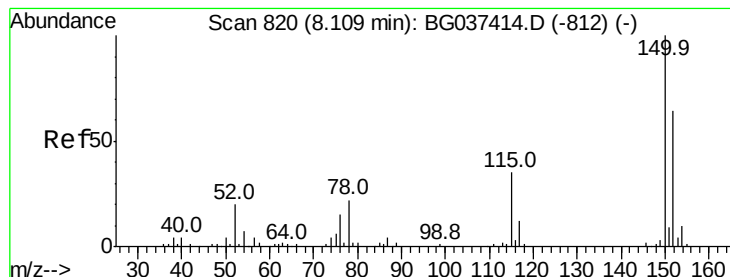
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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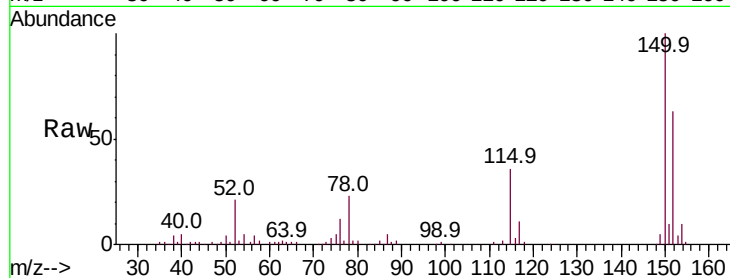


#1

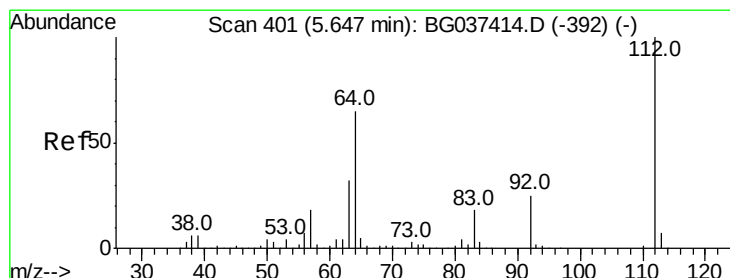
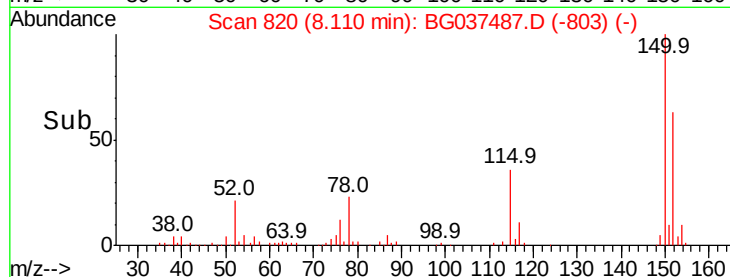
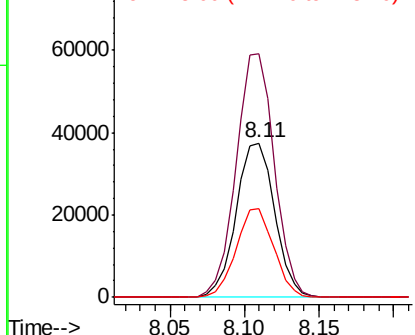
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG037487.D
 Acq: 23 Oct 2018 22:06

Instrument :
 BNA_G
 ClientSampleId :
 PA-TWP-01

Tot Ion:152 Resp: 67164
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.0 189.0
 115 57.6 45.5 68.3



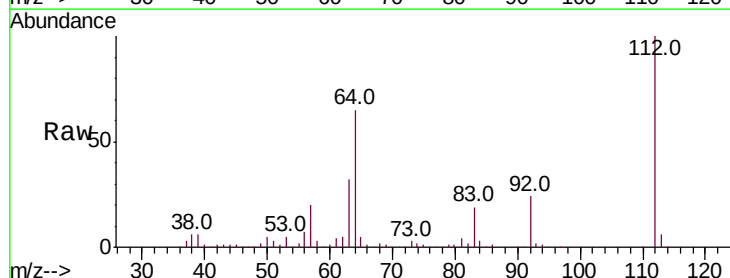
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



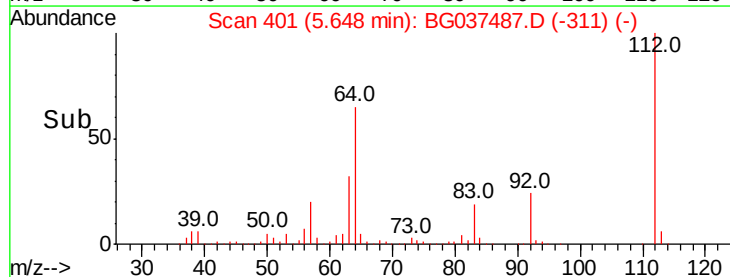
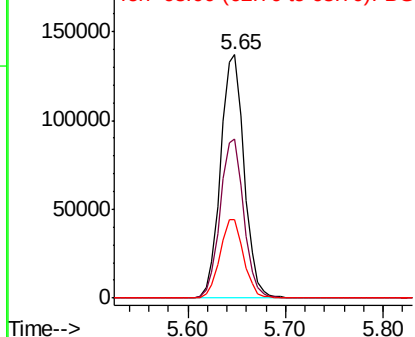
#5

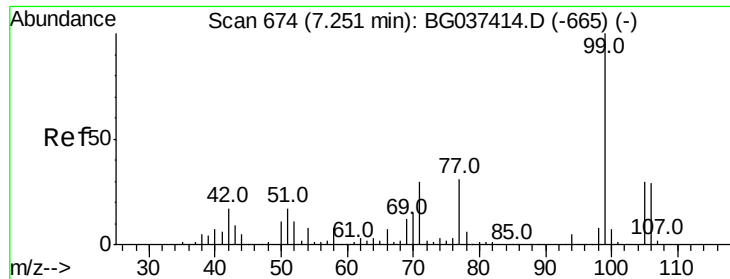
2-Fluorophenol
 Concen: 57.190 ng
 RT: 5.65 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BG037487.D
 Acq: 23 Oct 2018 22:06

Tgt Ion:112 Resp: 229751
 Ion Ratio Lower Upper
 112 100
 64 65.2 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: 35.020 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037487.D

Acq: 23 Oct 2018 22:06

Instrument :

BNA_G

ClientSampleId :

PA-TWP-01

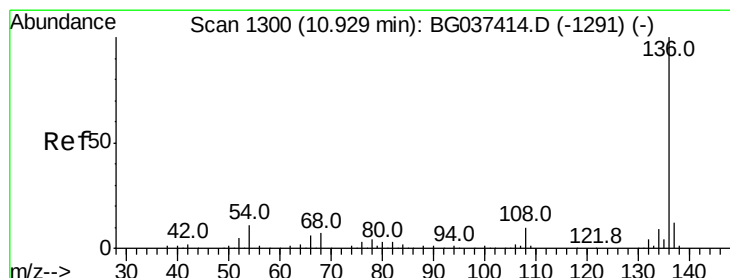
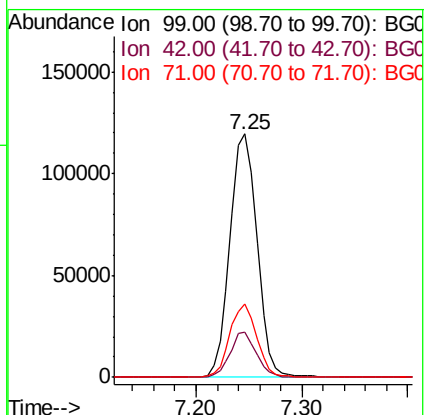
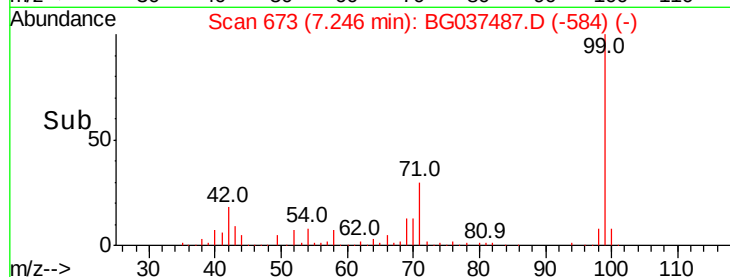
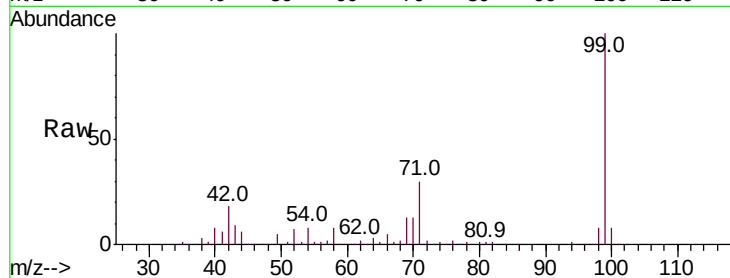
Tot Ion: 99 Resp: 212735

Ion Ratio Lower Upper

99 100

42 18.5 15.0 22.4

71 30.3 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG037487.D

Acq: 23 Oct 2018 22:06

Tgt Ion: 136 Resp: 295646

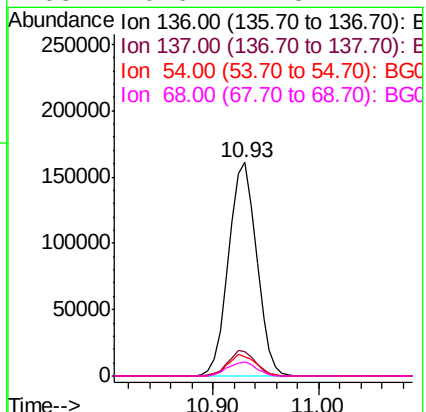
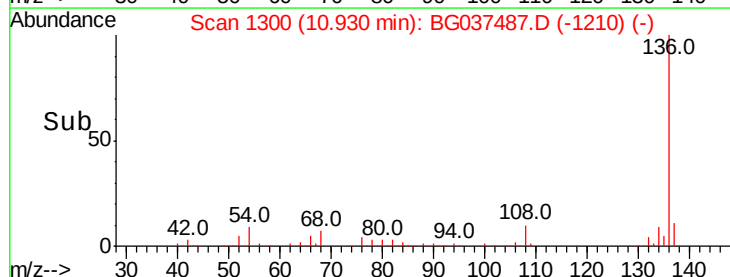
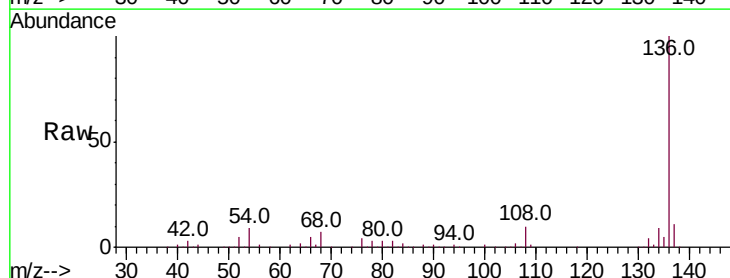
Ion Ratio Lower Upper

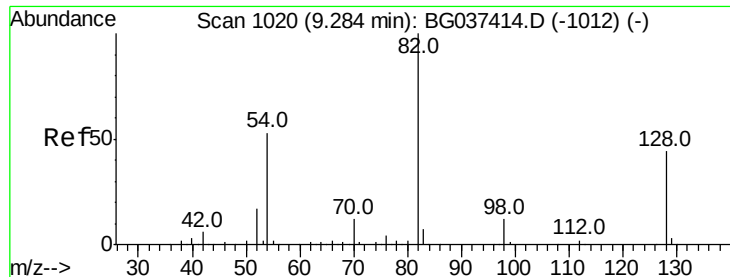
136 100

137 11.3 9.6 14.4

54 9.2 7.9 11.9

68 6.6 4.8 7.2

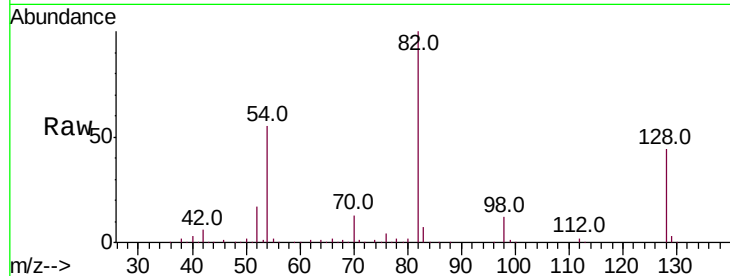




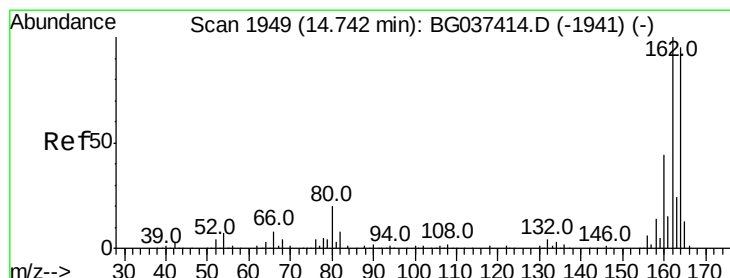
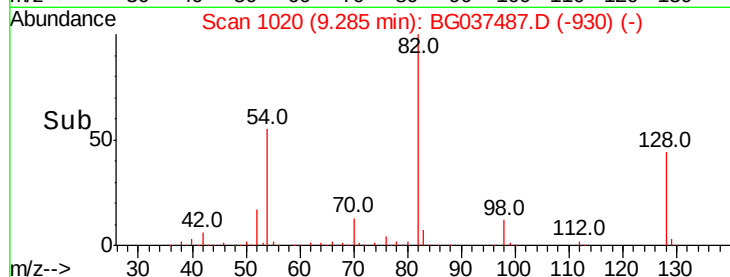
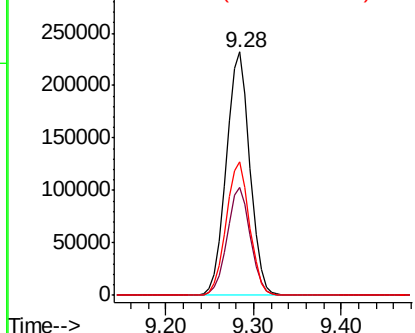
#23
Nitrobenzene-d5
Concen: 81.205 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG037487.D
Acq: 23 Oct 2018 22:06

Instrument :
BNA_G
ClientSampleId :
PA-TWP-01

Tot Ion: 82 Resp: 428566
Ion Ratio Lower Upper
82 100
128 44.3 34.6 51.8
54 54.7 45.3 67.9

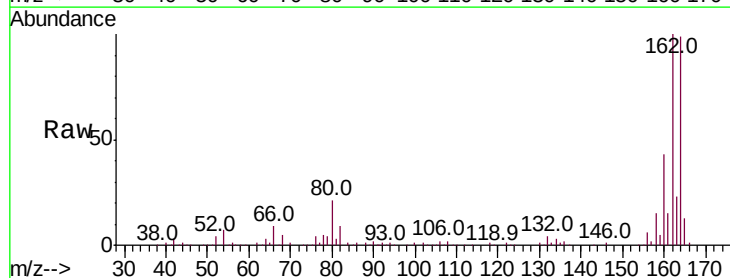


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

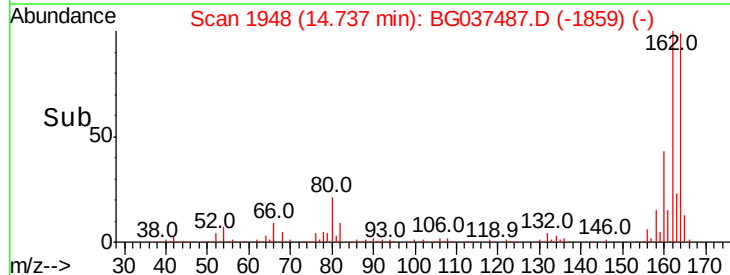
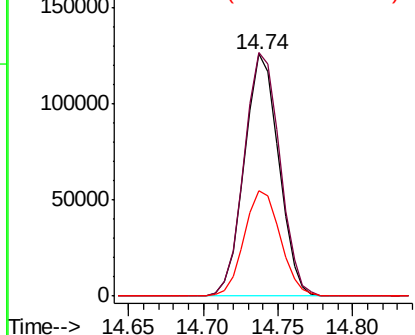


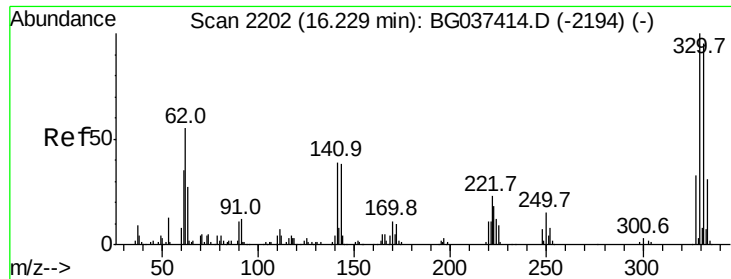
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037487.D
Acq: 23 Oct 2018 22:06

Tgt Ion: 164 Resp: 200423
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 43.6 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

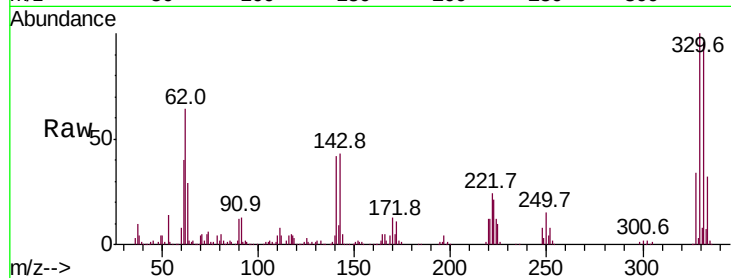




#42
 2,4,6-Tribromophenol
 Concen: 122.253 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037487.D
 Acq: 23 Oct 2018 22:06

Instrument :
 BNA_G
 ClientSampleId :
 PA-TWP-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.4	117.6
141	41.2	32.2	48.2

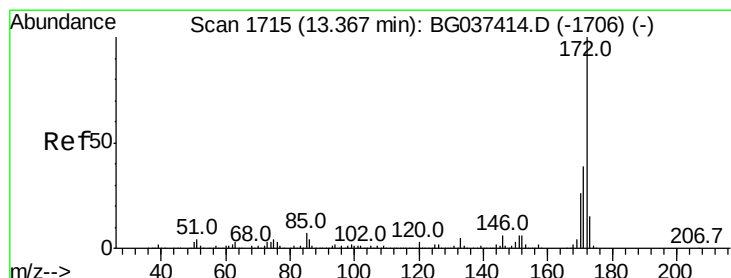
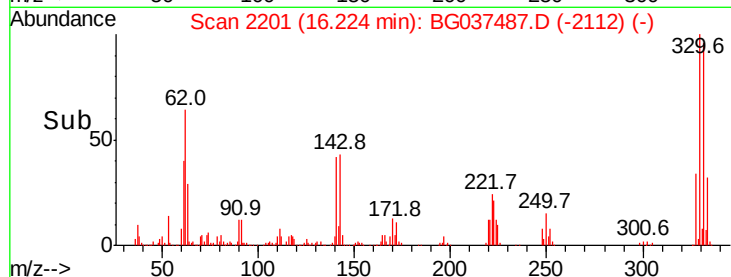
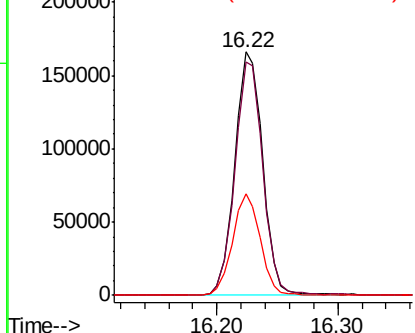


Abundance

Ion 329.80 (329.50 to 330.50): E

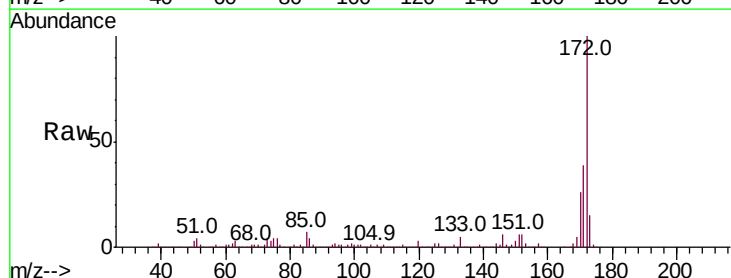
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.056 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037487.D
 Acq: 23 Oct 2018 22:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	26.1	20.2	30.2

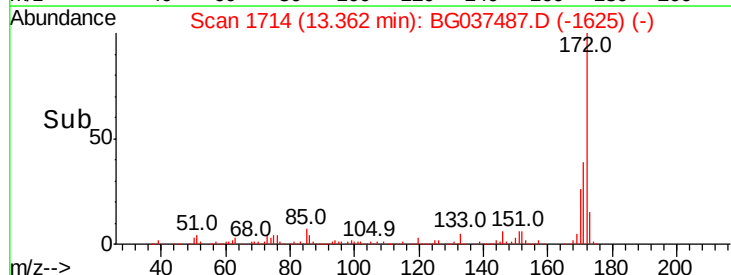
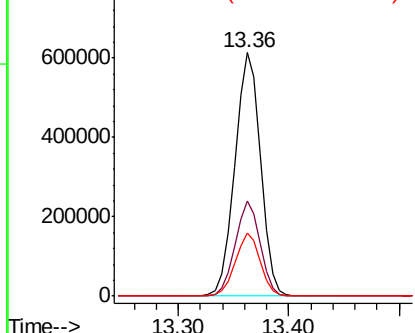


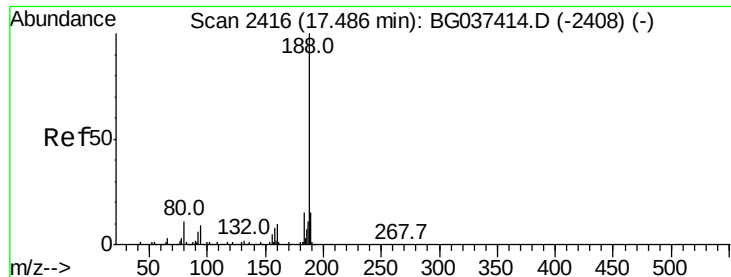
Abundance

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: BG037487.D

Acq: 23 Oct 2018 22:06

Instrument :

BNA_G

ClientSampleId :

PA-TWP-01

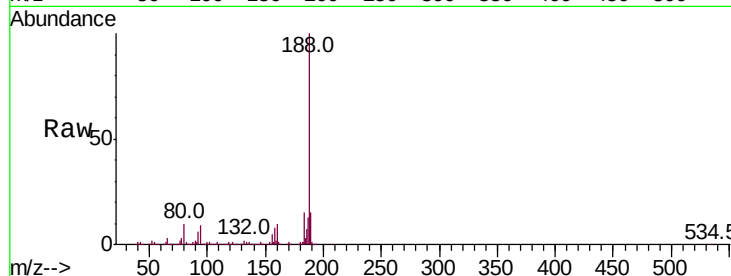
Tot Ion:188 Resp: 473142

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

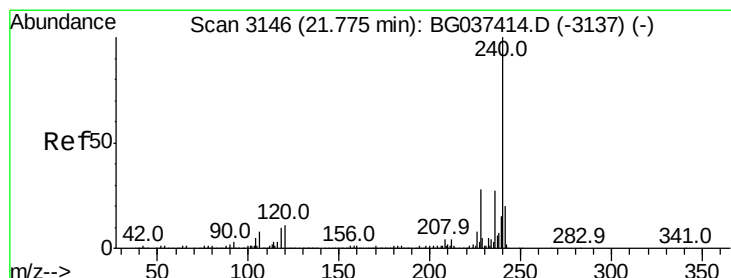
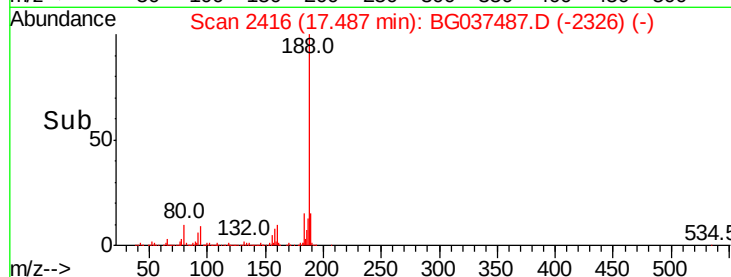
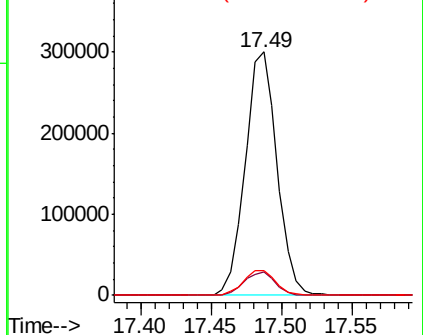
80 10.1 7.7 11.5



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: BG037487.D

Acq: 23 Oct 2018 22:06

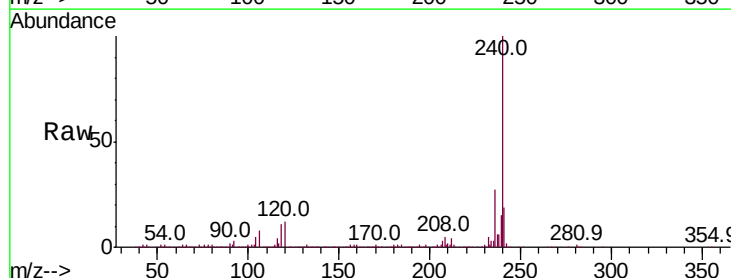
Tgt Ion:240 Resp: 433743

Ion Ratio Lower Upper

240 100

120 11.6 8.1 12.1

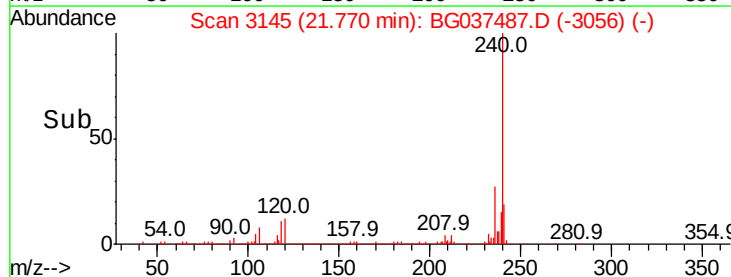
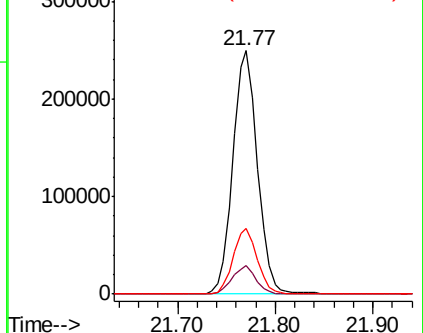
236 27.2 21.4 32.0

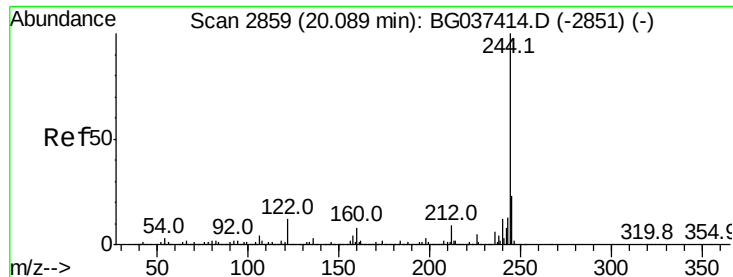


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.449 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG037487.D

Acq: 23 Oct 2018 22:06

Instrument :

BNA_G

ClientSampled :

PA-TWP-01

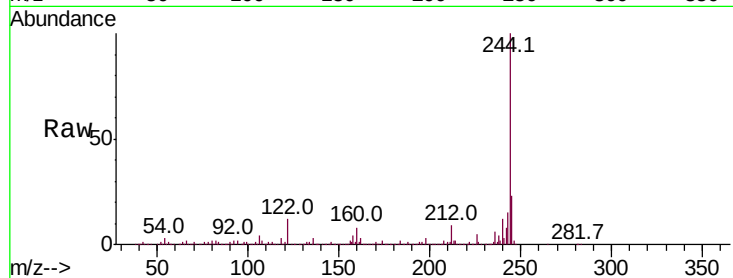
Tot Ion:244 Resp: 1511243

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

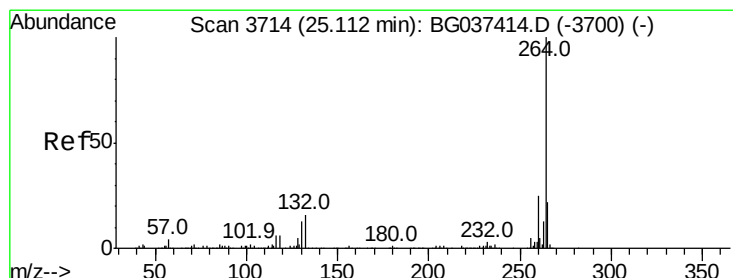
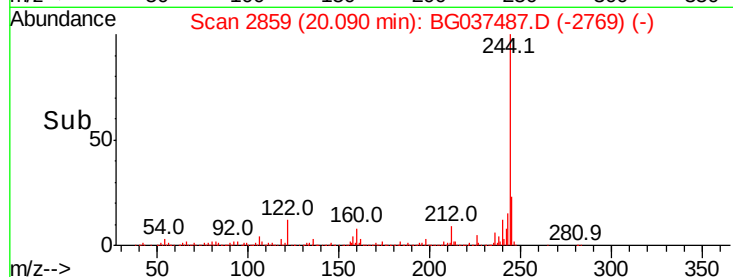
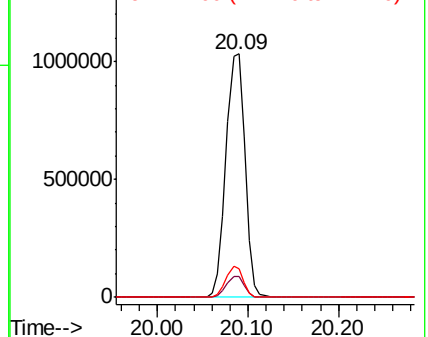
122 11.6 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037487.D

Acq: 23 Oct 2018 22:06

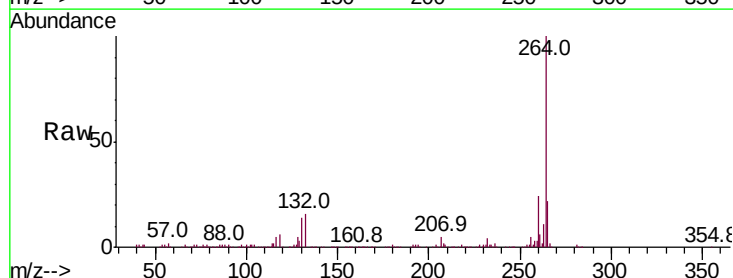
Tgt Ion:264 Resp: 436848

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.9 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

