

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037507.D
 Acq On : 24 Oct 2018 12:14
 Operator : JU/SJ
 Sample : J5623-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101918-SIDI-F-U-M

Quant Time: Oct 24 13:44:00 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	56147	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	262080	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	179353	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	419085	20.00	ng	0.00
76) Chrysene-d12	21.77	240	374049	20.00	ng	0.00
87) Perylene-d12	25.10	264	369662	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	149891	44.63	ng	0.00
7) Phenol-d6	7.24	99	134243	26.43	ng	0.00
23) Nitrobenzene-d5	9.28	82	468443	100.13	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	191978	98.14	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1151477	96.81	ng	0.00
79) Terphenyl-d14	20.09	244	1429426	81.66	ng	0.00

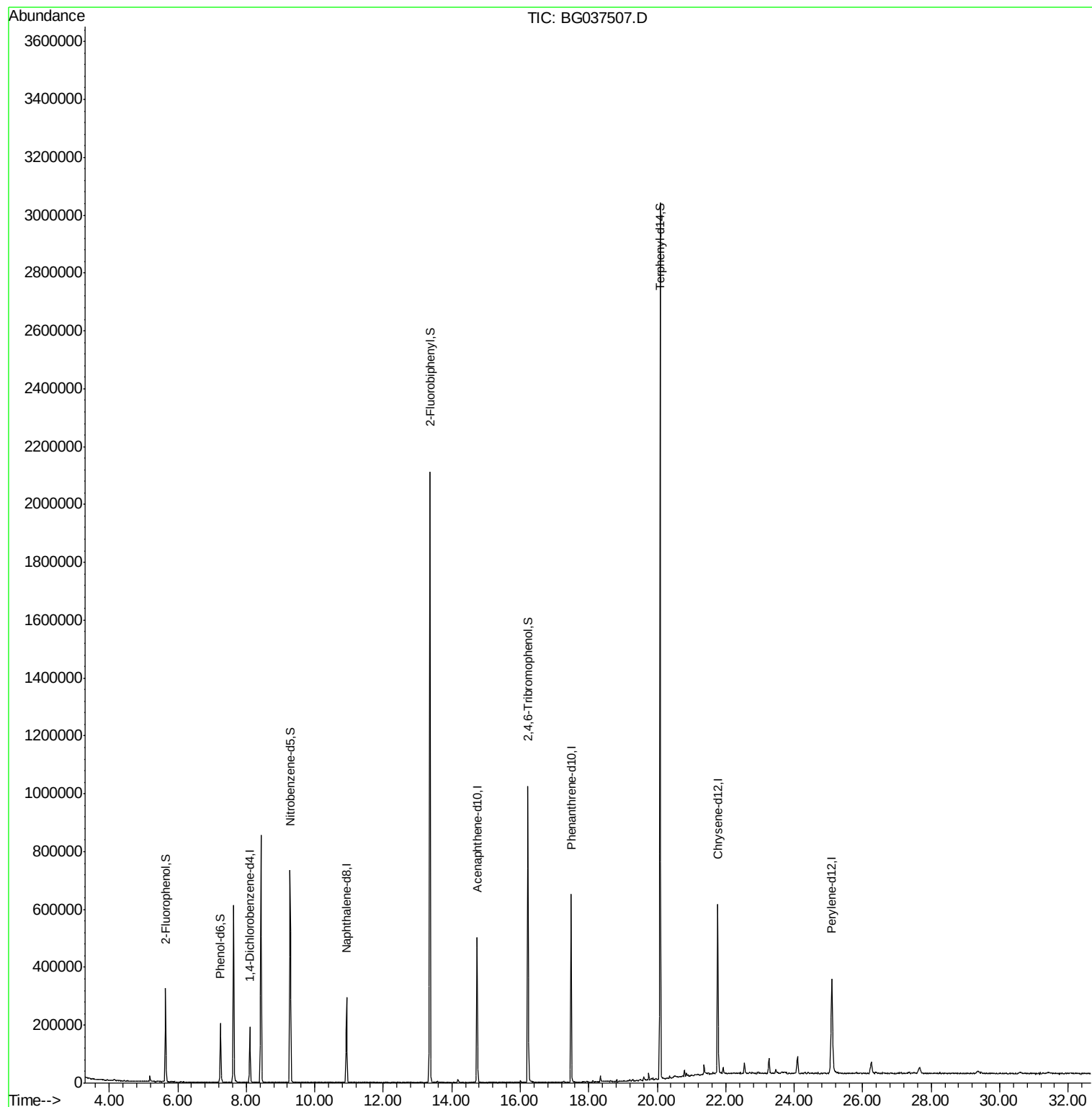
Target Compounds Qvalue

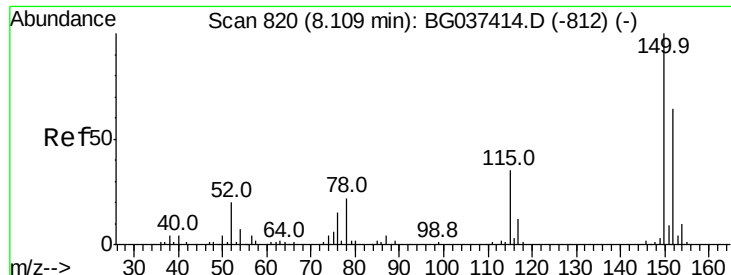
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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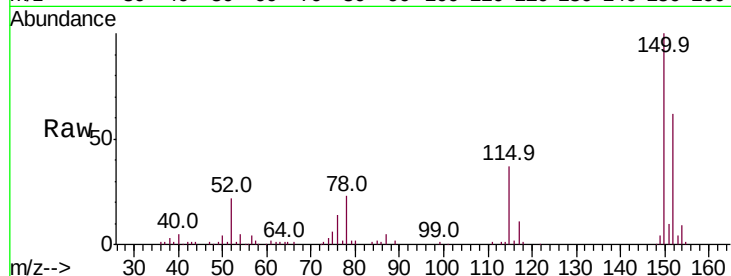


#1

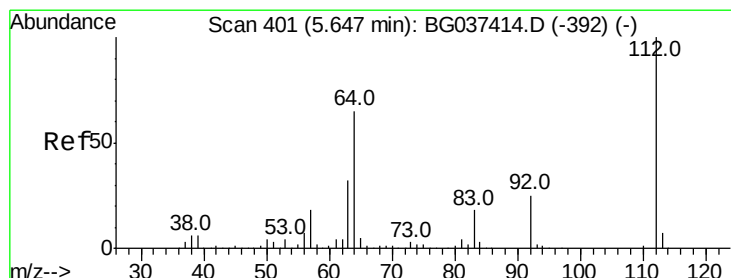
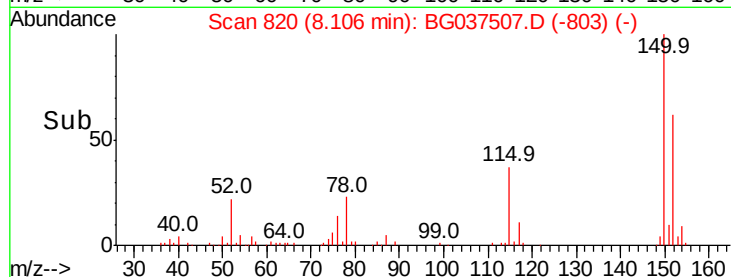
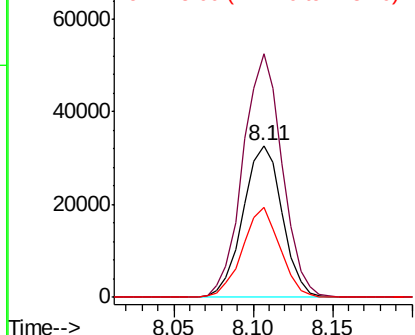
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037507.D
Acq: 24 Oct 2018 12:14

Instrument :
BNA_G
ClientSampleId :
101918-SIDI-F-U-M

Tot Ion:152 Resp: 56147
Ion Ratio Lower Upper
152 100
150 160.7 126.0 189.0
115 59.6 45.5 68.3



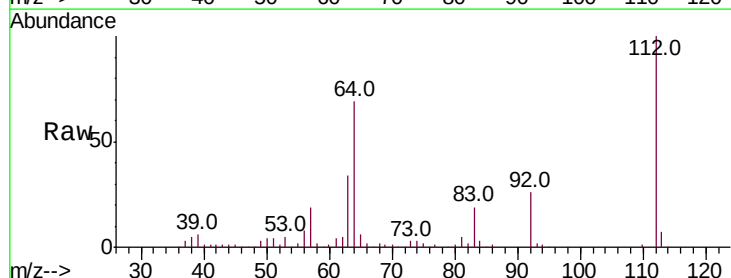
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



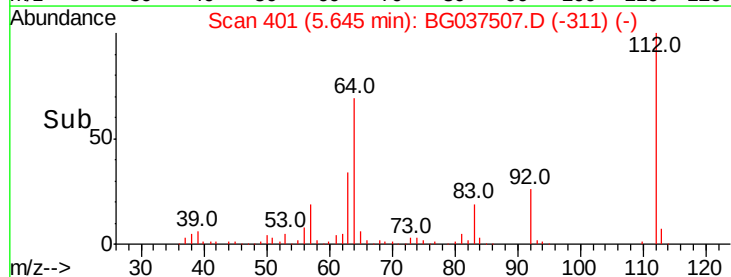
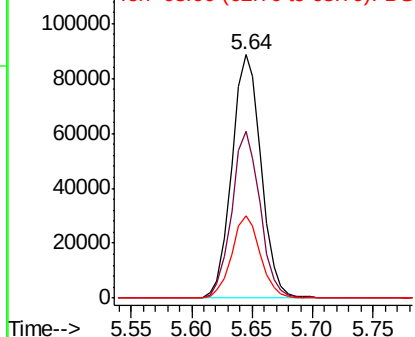
#5

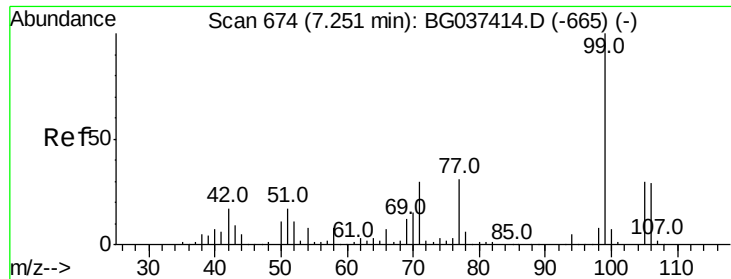
2-Fluorophenol
Concen: 44.632 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037507.D
Acq: 24 Oct 2018 12:14

Tgt Ion:112 Resp: 149891
Ion Ratio Lower Upper
112 100
64 68.7 53.1 79.7
63 33.9 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: 26.435 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037507.D

Acq: 24 Oct 2018 12:14

Instrument :

BNA_G

ClientSampleId :

101918-SIDI-F-U-M

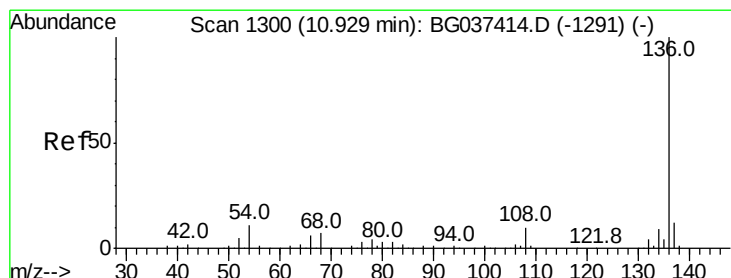
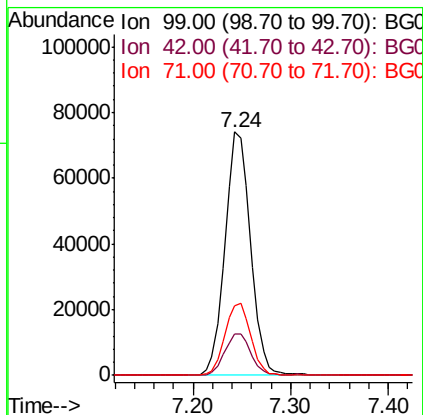
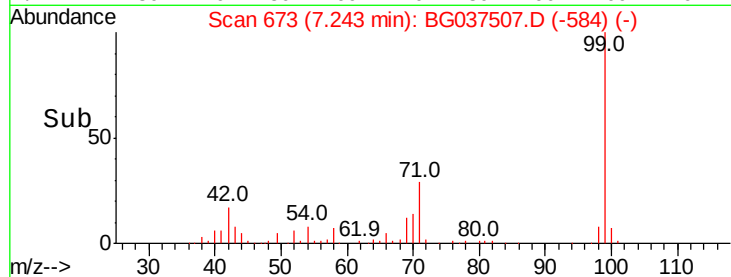
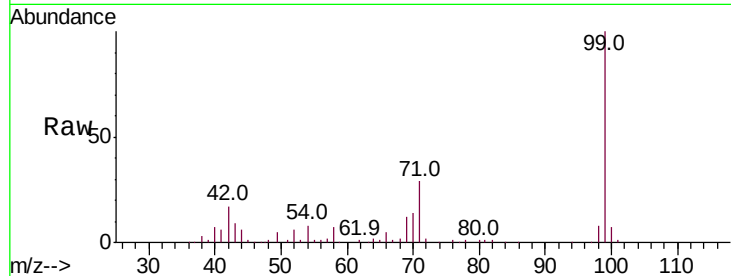
Tot Ion: 99 Resp: 134243

Ion Ratio Lower Upper

99 100

42 17.1 15.0 22.4

71 28.6 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: BG037507.D

Acq: 24 Oct 2018 12:14

Tgt Ion: 136 Resp: 262080

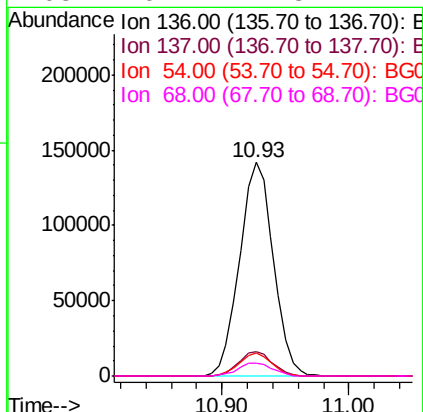
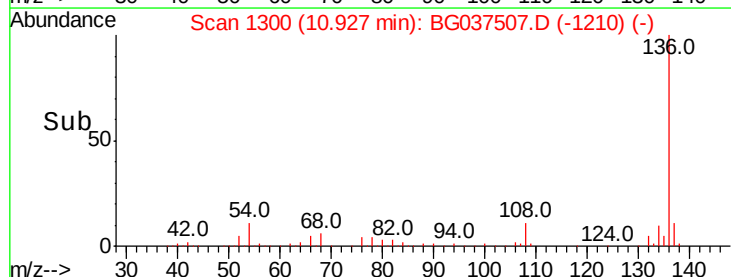
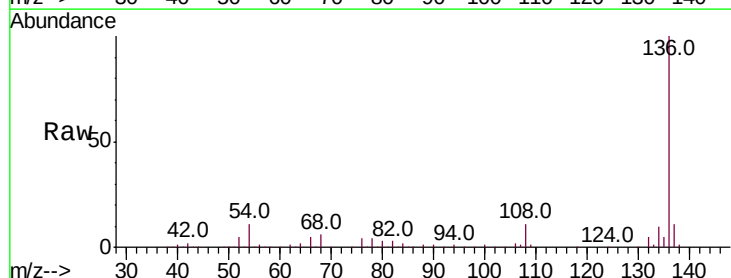
Ion Ratio Lower Upper

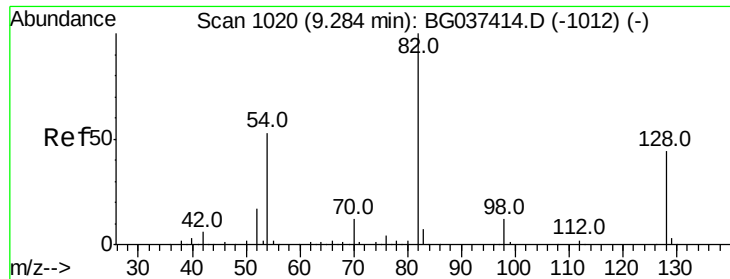
136 100

137 11.5 9.6 14.4

54 10.8 7.9 11.9

68 6.1 4.8 7.2

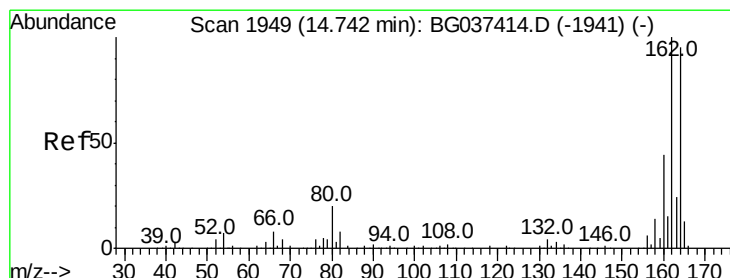
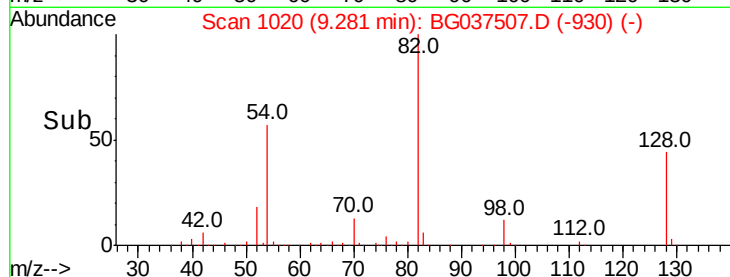
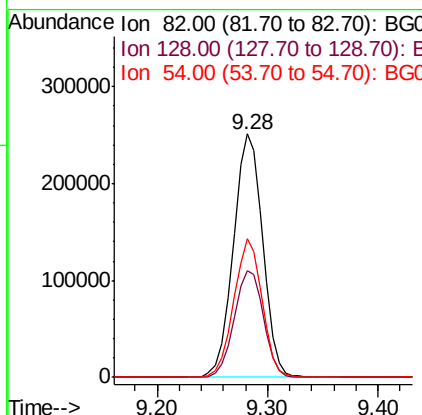
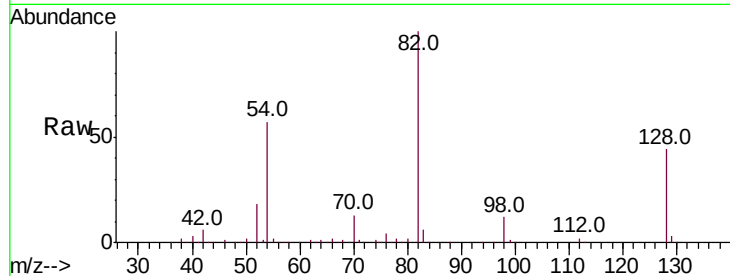




#23
 Nitrobenzene-d5
 Concen: 100.129 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037507.D
 Acq: 24 Oct 2018 12:14

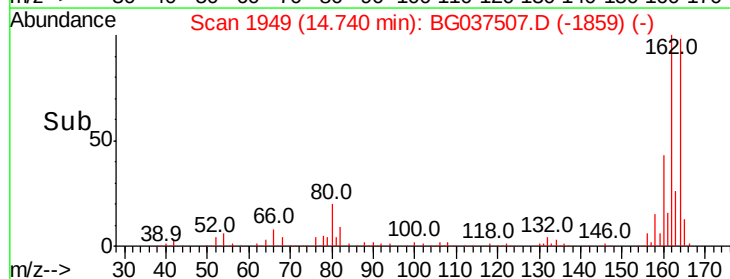
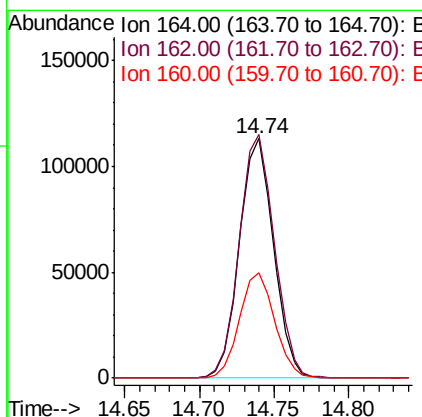
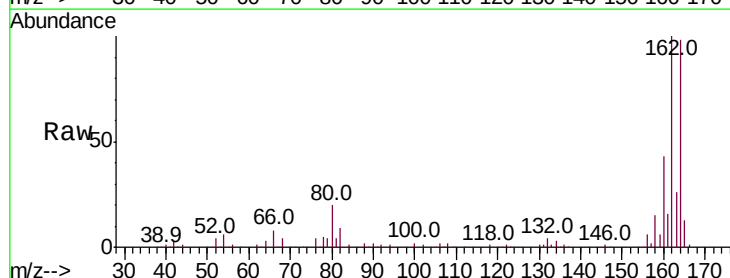
Instrument :
 BNA_G
 ClientSampleId :
 101918-SIDI-F-U-M

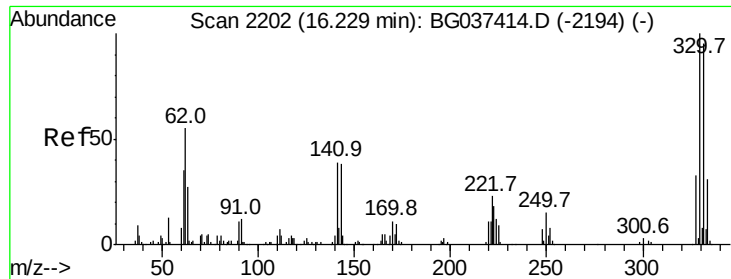
Tot Ion	82.00	Resp	468443
Ion Ratio	Lower	Upper	
82	100		
128	43.7	34.6	51.8
54	56.8	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037507.D
 Acq: 24 Oct 2018 12:14

Tgt Ion	164.00	Resp	179353
Ion Ratio	Lower	Upper	
164	100		
162	101.7	81.3	121.9
160	44.0	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 98.139 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037507.D

Acq: 24 Oct 2018 12:14

Instrument :

BNA_G

ClientSampleId :

101918-SIDI-F-U-M

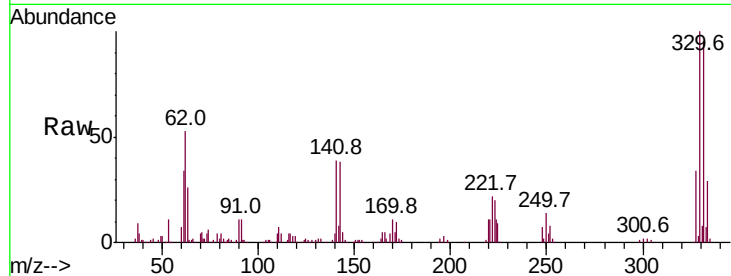
Tot Ion:330 Resp: 191978

Ion Ratio Lower Upper

330 100

332 95.0 78.4 117.6

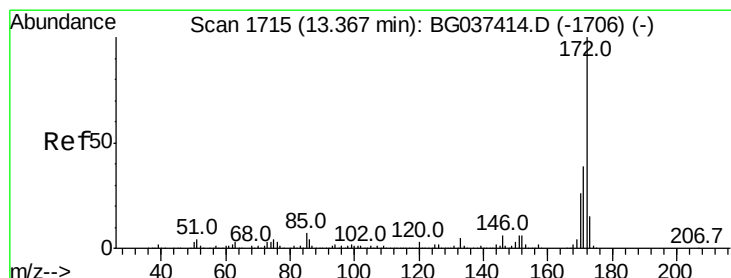
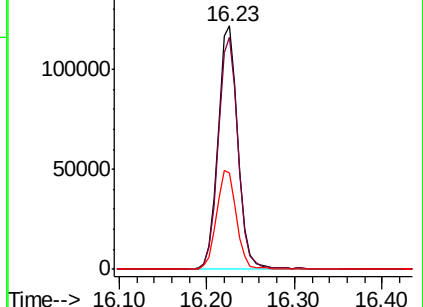
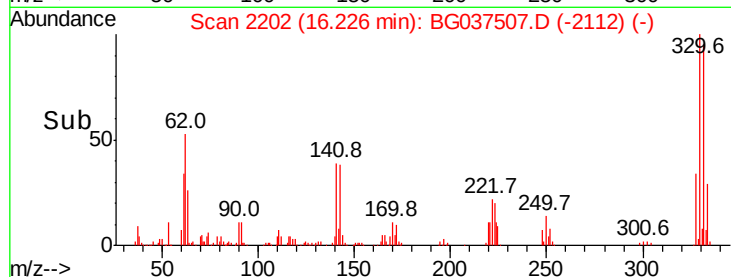
141 40.8 32.2 48.2



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: 96.813 ng

RT: 13.36 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG037507.D

Acq: 24 Oct 2018 12:14

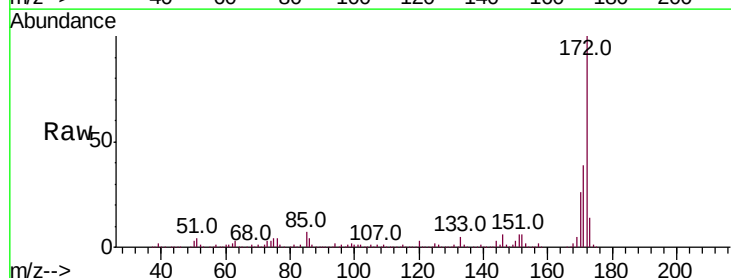
Tgt Ion:172 Resp: 1151477

Ion Ratio Lower Upper

172 100

171 38.8 31.0 46.4

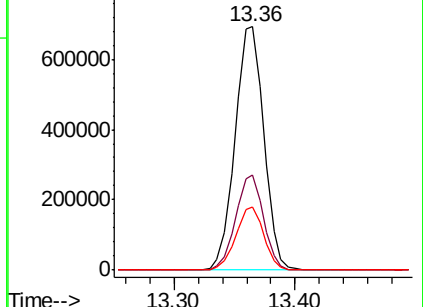
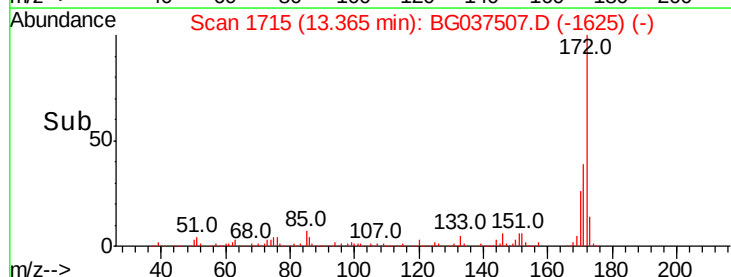
170 26.0 20.2 30.2

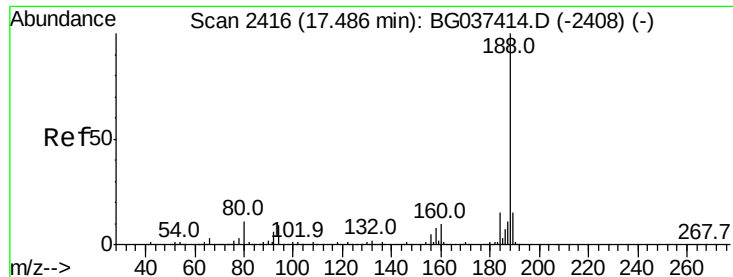


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037507.D

Acq: 24 Oct 2018 12:14

Instrument :

BNA_G

ClientSampleId :

101918-SIDI-F-U-M

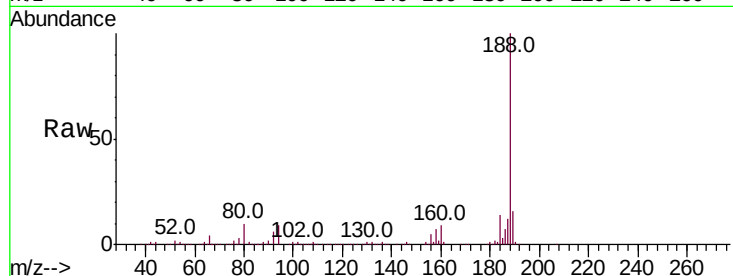
Tot Ion:188 Resp: 419085

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

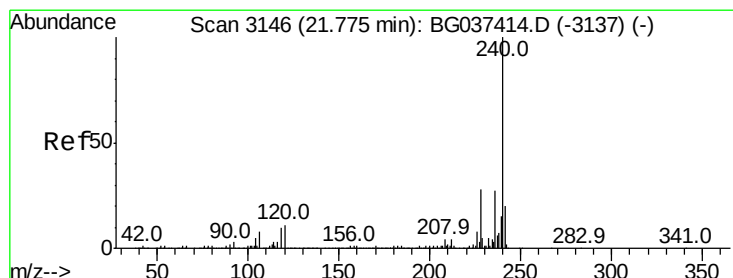
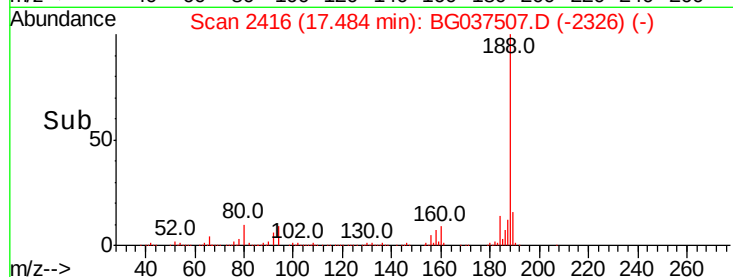
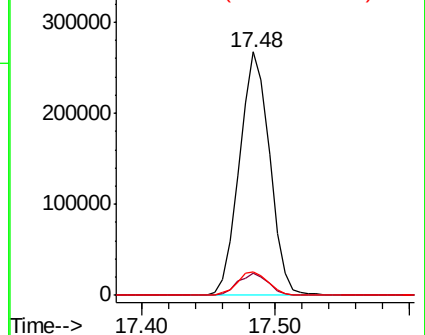
80 9.7 7.7 11.5



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# 3145

Delta R.T. -0.01 min

Lab File: BG037507.D

Acq: 24 Oct 2018 12:14

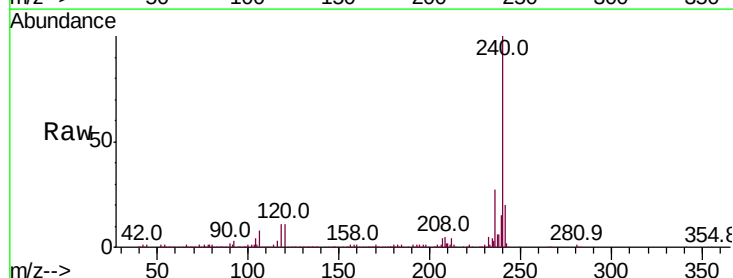
Tgt Ion:240 Resp: 374049

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

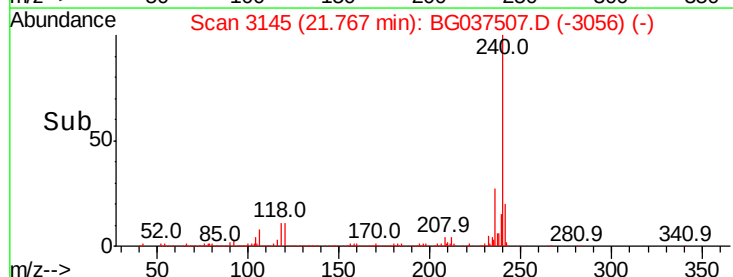
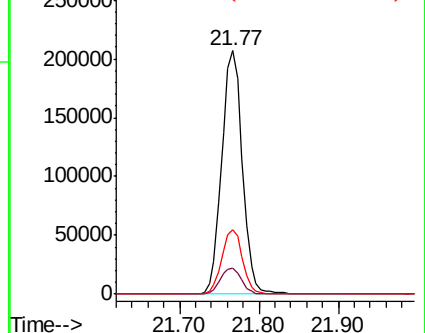
236 26.6 21.4 32.0

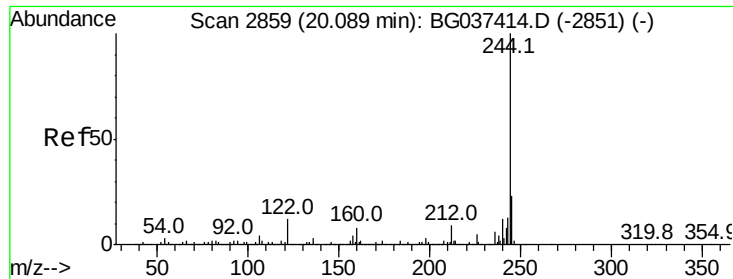


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.656 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037507.D

Acq: 24 Oct 2018 12:14

Instrument :

BNA_G

ClientSampleId :

101918-SIDI-F-U-M

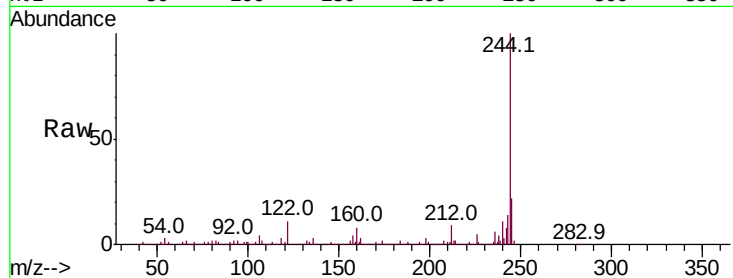
Tot Ion:244 Resp: 1429426

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.2	9.0	13.4

244 100

212 8.6 6.5 9.7

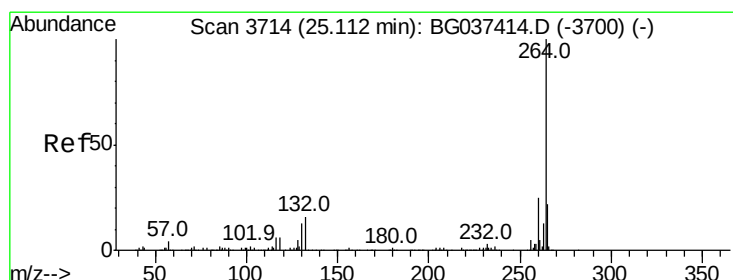
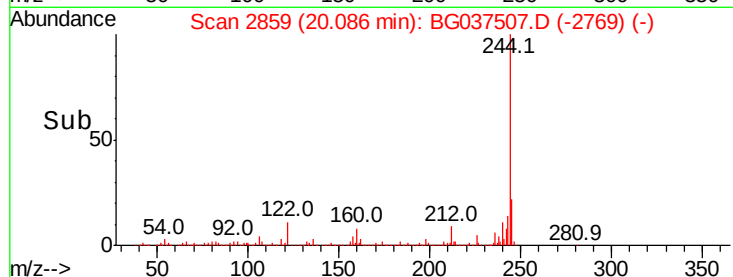
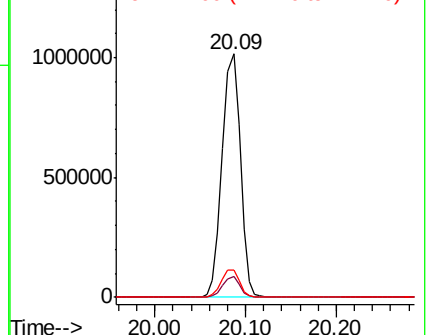
122 11.2 9.0 13.4



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: BG037507.D

Acq: 24 Oct 2018 12:14

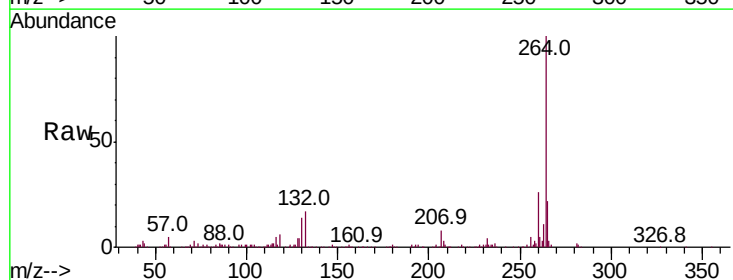
Tgt Ion:264 Resp: 369662

Ion	Ratio	Lower	Upper
264	100		
260	26.4	18.2	27.4
265	22.3	17.9	26.9

264 100

260 26.4 18.2 27.4

265 22.3 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

