

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037676.D
 Acq On : 31 Oct 2018 6:22
 Operator : JU/SJ
 Sample : J5722-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 102618-SIDI-F-U-B

Quant Time: Oct 31 09:29:40 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

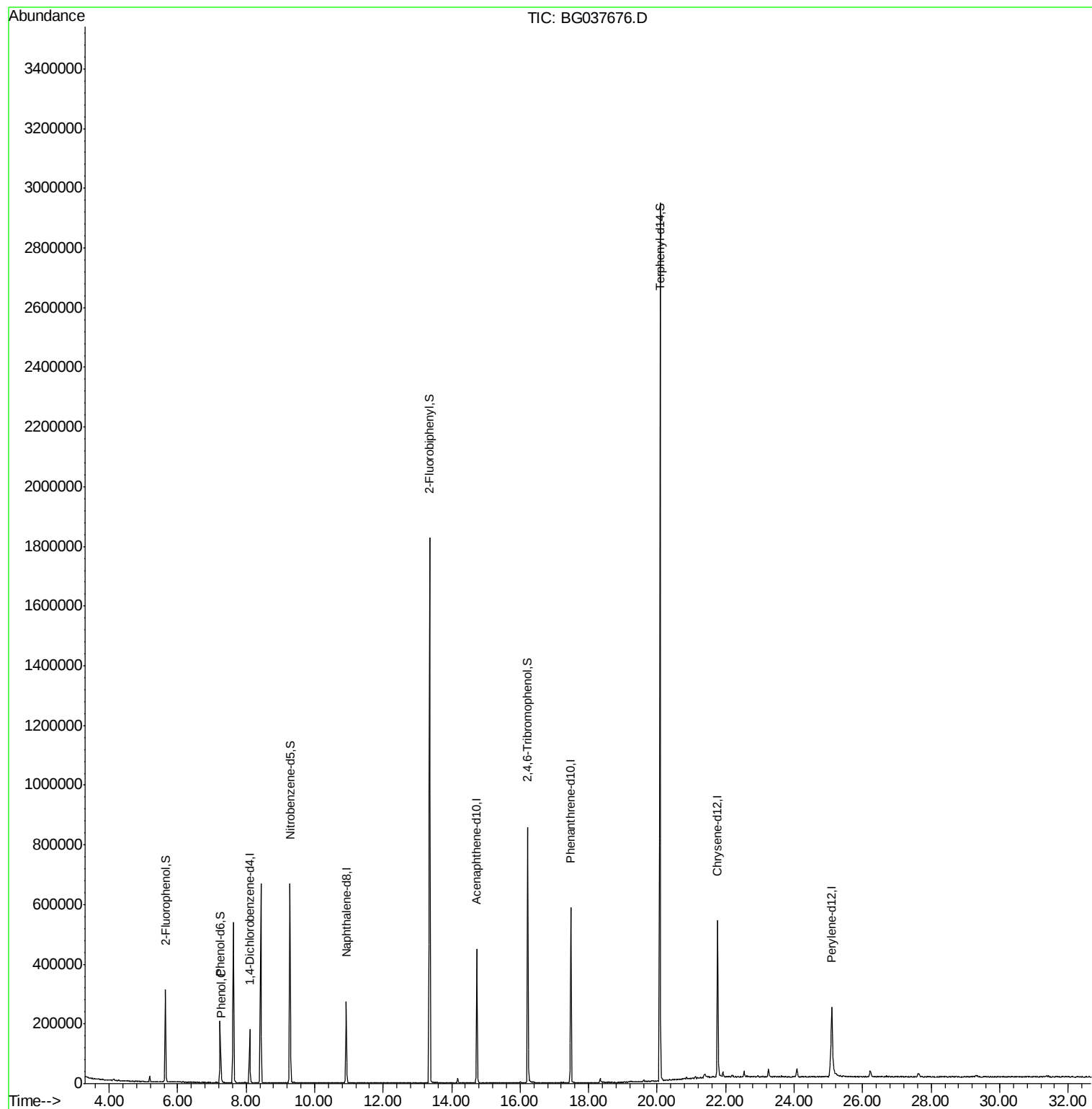
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54566	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	240511	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	164864	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	383372	20.00	ng	0.00
76) Chrysene-d12	21.76	240	342879	20.00	ng	-0.01
87) Perylene-d12	25.10	264	318101	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	142743	43.74	ng	0.00
7) Phenol-d6	7.24	99	133260	27.00	ng	-0.01
23) Nitrobenzene-d5	9.28	82	416393	96.98	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	159230	88.55	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	980936	89.72	ng	-0.01
79) Terphenyl-d14	20.08	244	1469542	91.58	ng	0.00
Target Compounds						
10) Phenol	7.27	94	19630	3.770	ng	Qvalue 90

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

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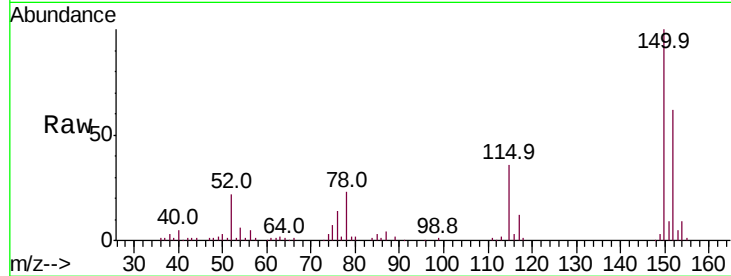


#1

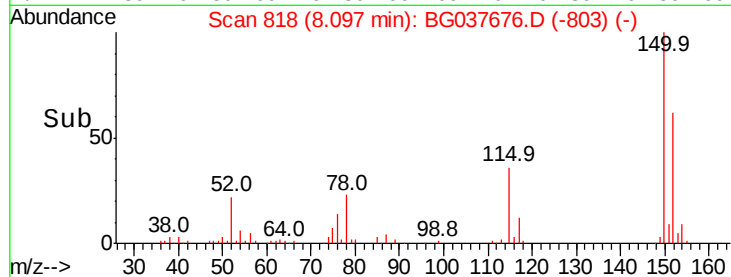
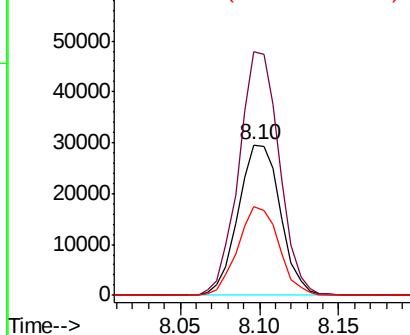
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Instrument :
BNA_G
ClientSampleId :
102618-SIDI-F-U-B

Tot Ion:152 Resp: 54566
Ion Ratio Lower Upper
152 100
150 162.0 126.0 189.0
115 58.9 45.5 68.3



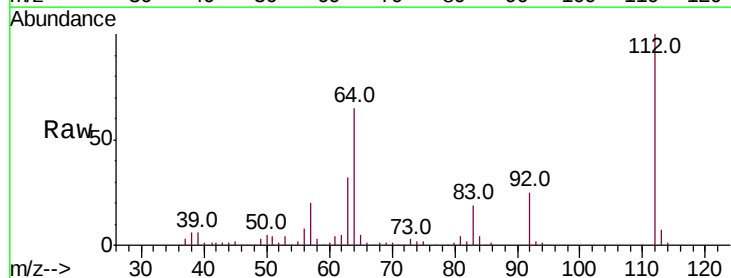
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



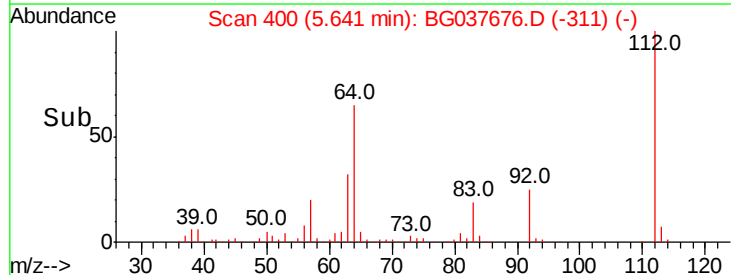
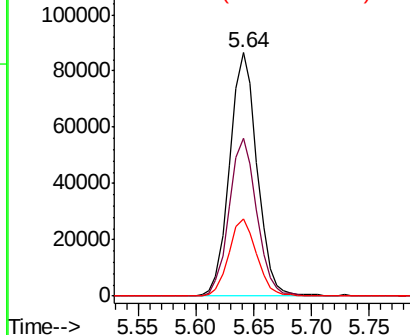
#5

2-Fluorophenol
Concen: 43.735 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Tgt Ion:112 Resp: 142743
Ion Ratio Lower Upper
112 100
64 64.8 53.1 79.7
63 31.7 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: 27.002 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037676.D

Acq: 31 Oct 2018 6:22

Instrument :

BNA_G

ClientSampleId :

102618-SIDI-F-U-B

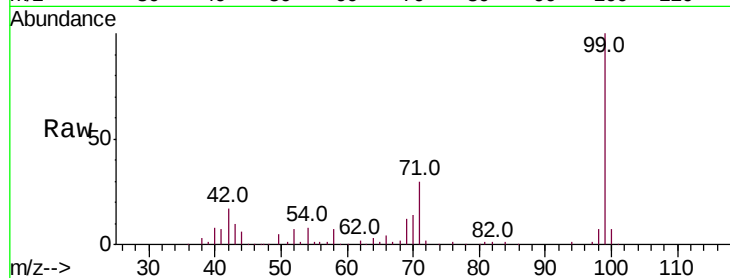
Tot Ion: 99 Resp: 133260

Ion Ratio Lower Upper

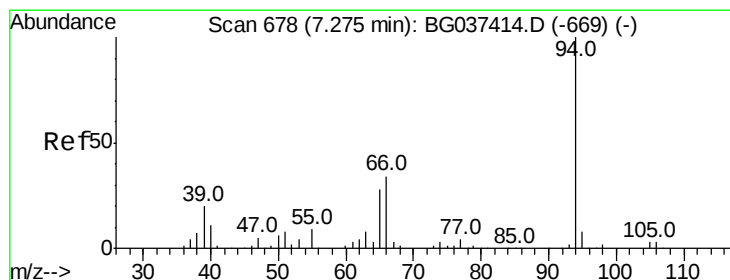
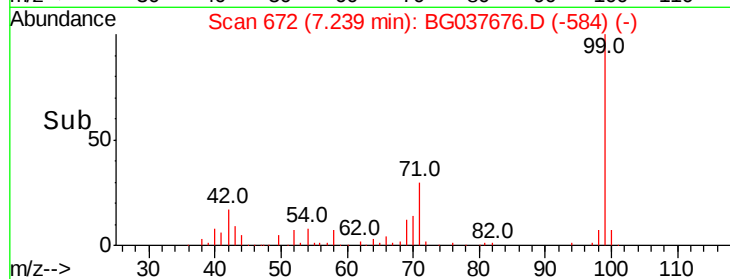
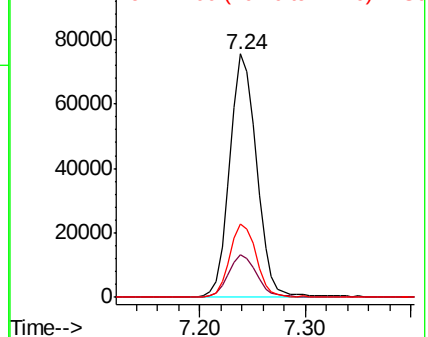
99 100

42 17.3 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



#10

Phenol

Concen: 3.770 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037676.D

Acq: 31 Oct 2018 6:22

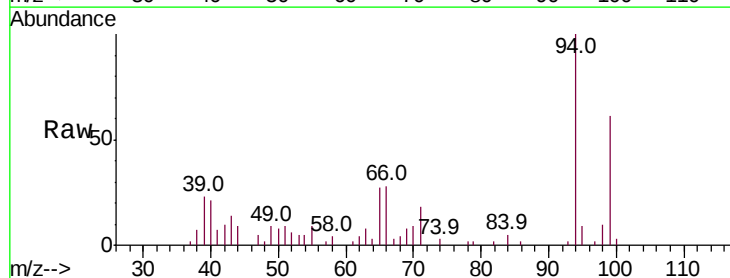
Tgt Ion: 94 Resp: 19630

Ion Ratio Lower Upper

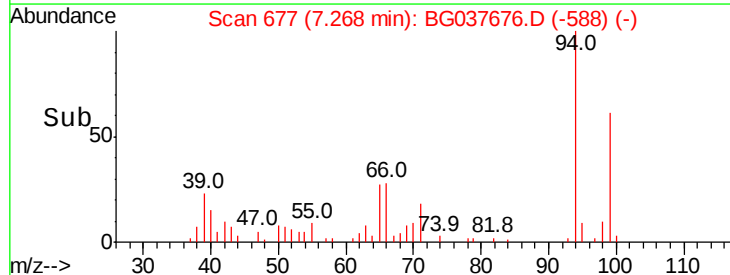
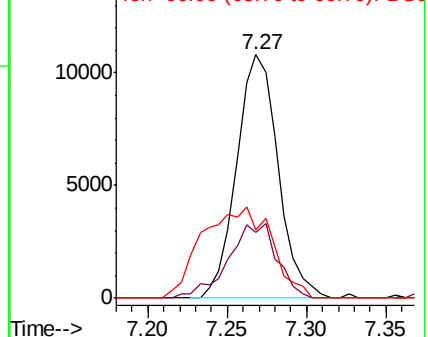
94 100

65 27.1 9.7 49.7

66 27.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

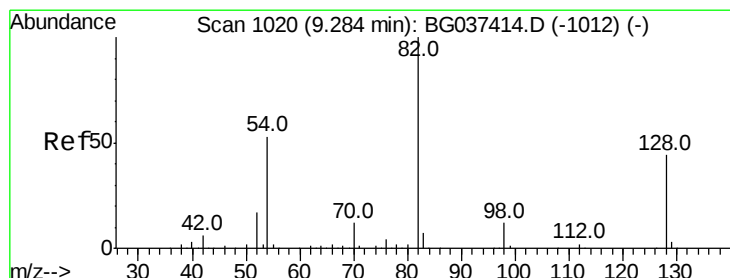
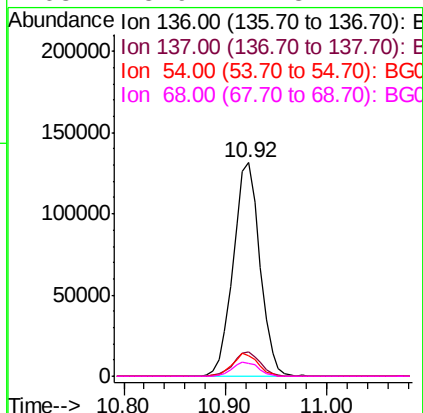
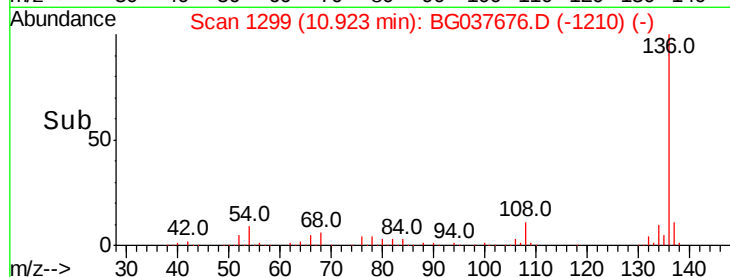
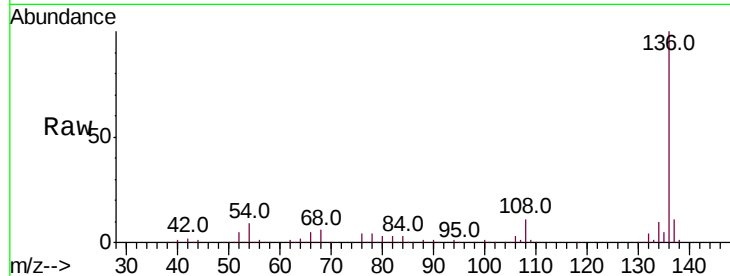




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

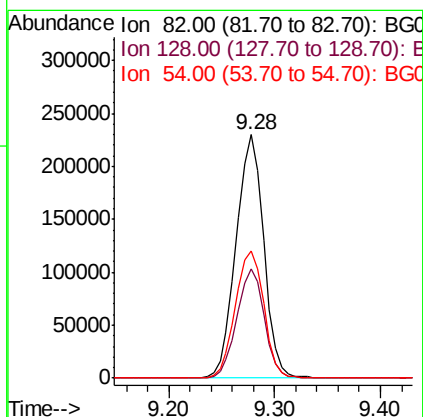
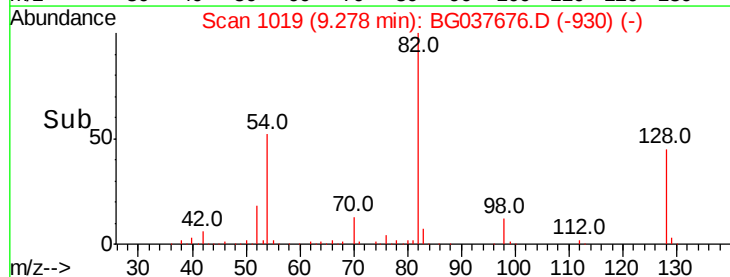
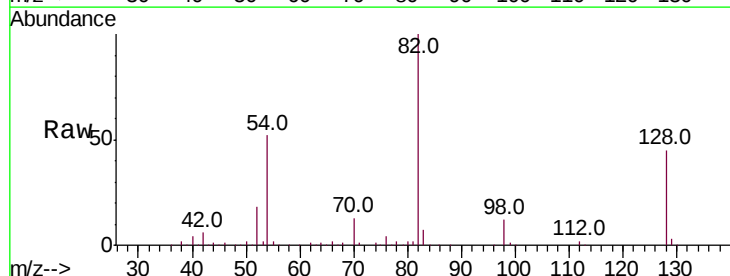
Instrument :
BNA_G
ClientSampleId :
102618-SIDI-F-U-B

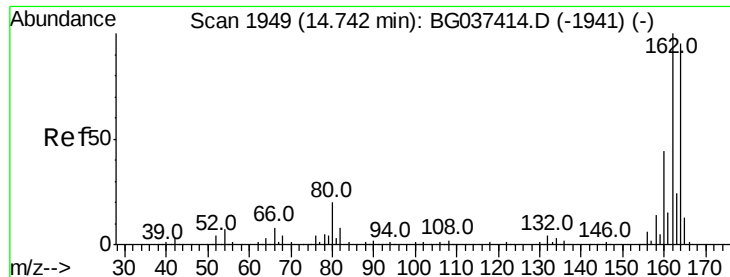
Tot Ion:	136	Resp:	240511
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.4	7.9	11.9
68	5.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 96.985 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Tgt Ion:	82	Resp:	416393
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	52.2	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037676.D

Acq: 31 Oct 2018 6:22

Instrument :

BNA_G

ClientSampleId :

102618-SIDI-F-U-B

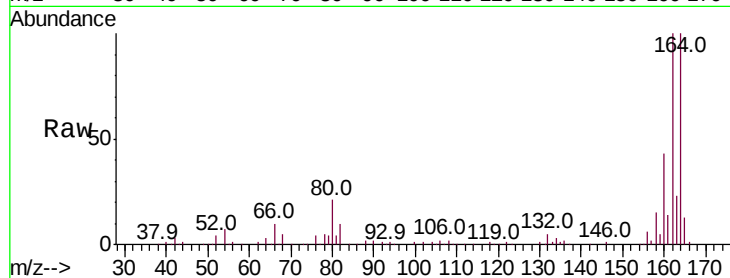
Tot Ion:164 Resp: 164864

Ion Ratio Lower Upper

164 100

162 100.1 81.3 121.9

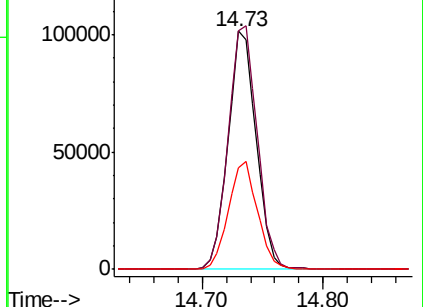
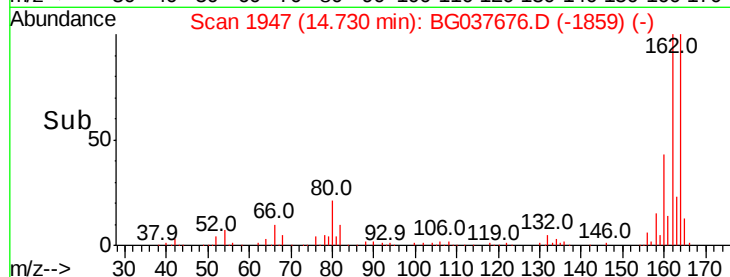
160 42.8 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 88.552 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037676.D

Acq: 31 Oct 2018 6:22

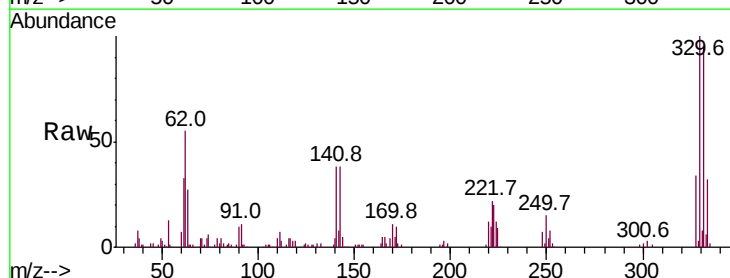
Tgt Ion:330 Resp: 159230

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

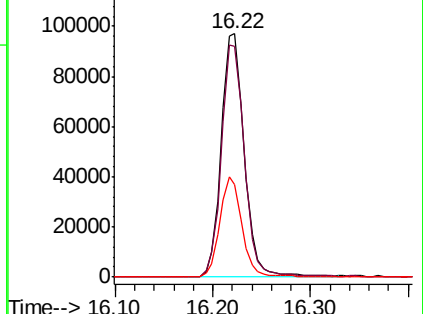
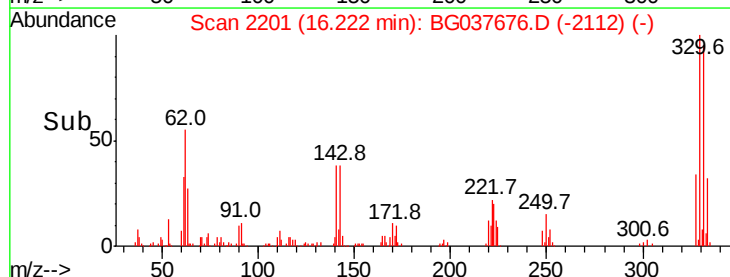
141 39.7 32.2 48.2



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

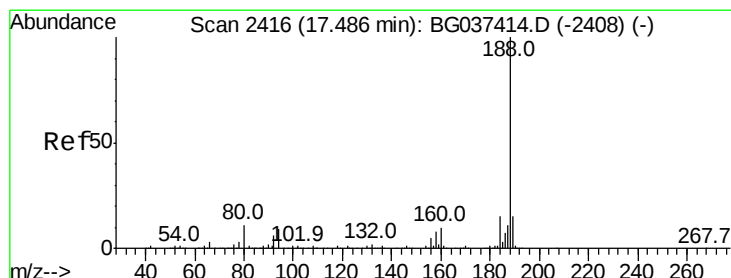
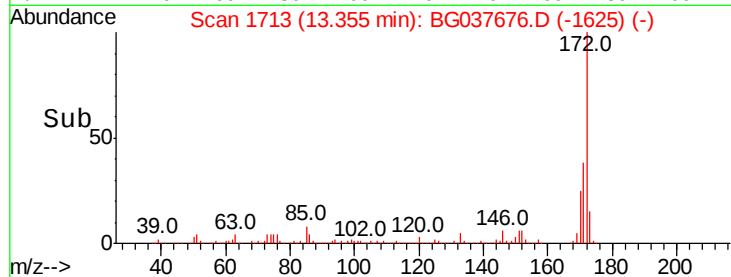
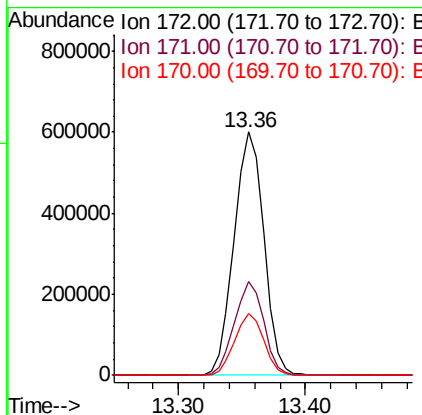
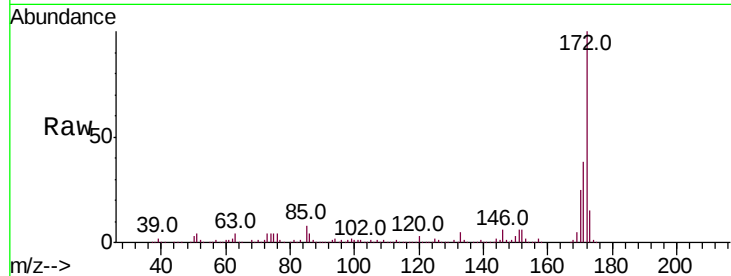




#45
 2-Fluorobiphenyl
 Concen: 89.722 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037676.D
 Acq: 31 Oct 2018 6:22

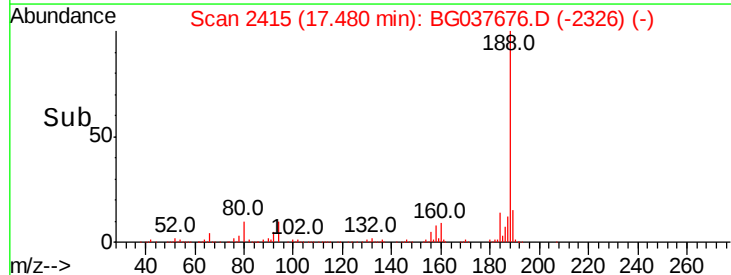
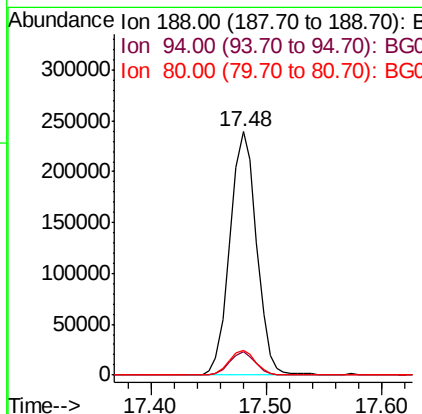
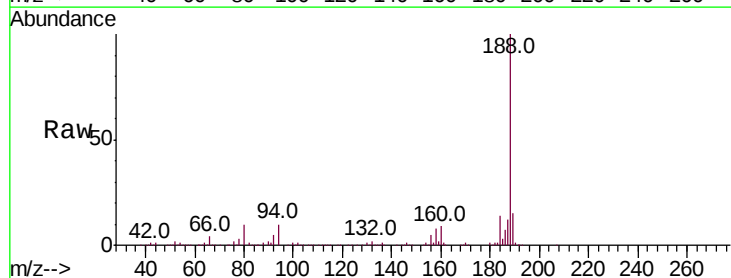
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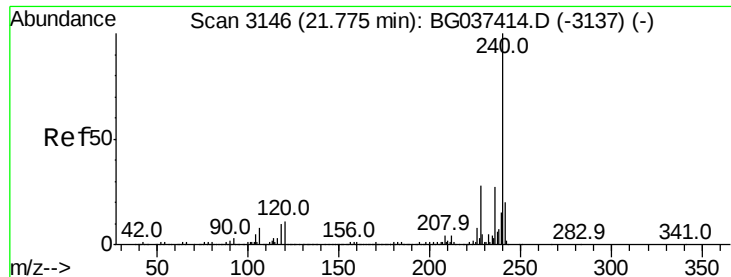
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.2	20.2	30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037676.D
 Acq: 31 Oct 2018 6:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.4	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037676.D

Acq: 31 Oct 2018 6:22

Instrument :

BNA_G

ClientSampleId :

102618-SIDI-F-U-B

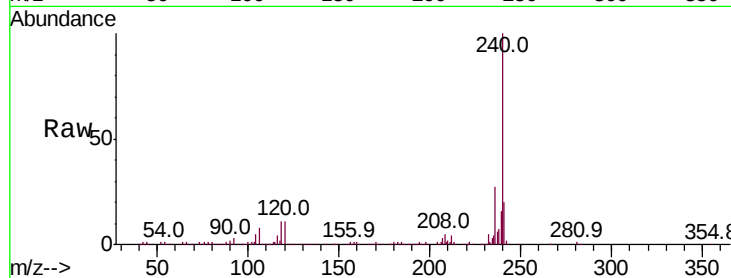
Tot Ion:240 Resp: 342879

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

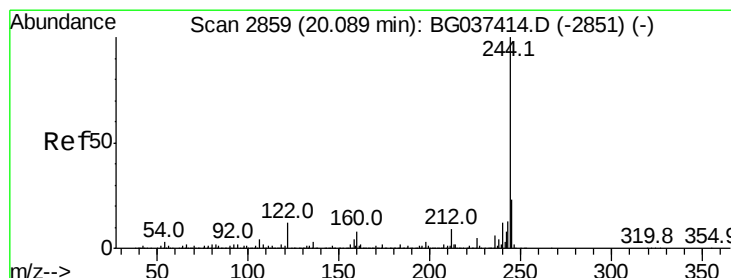
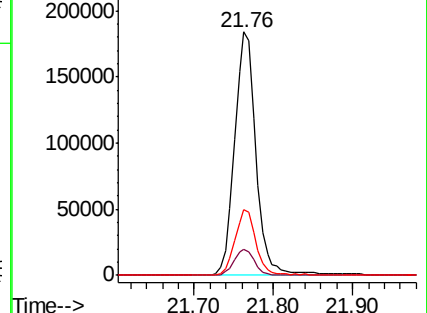
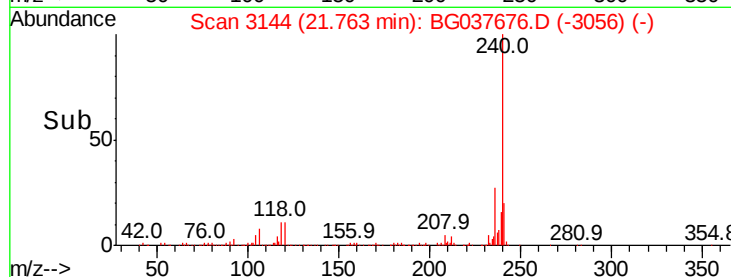
236 27.0 21.4 32.0



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: 91.579 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037676.D

Acq: 31 Oct 2018 6:22

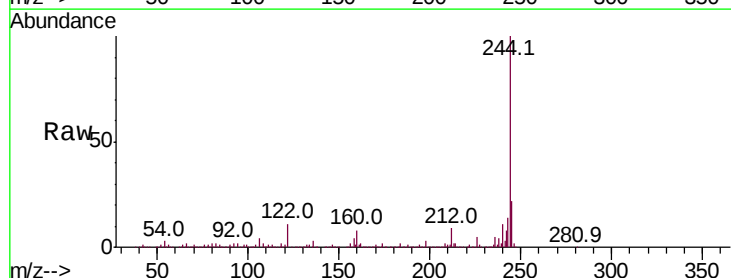
Tgt Ion:244 Resp: 1469542

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

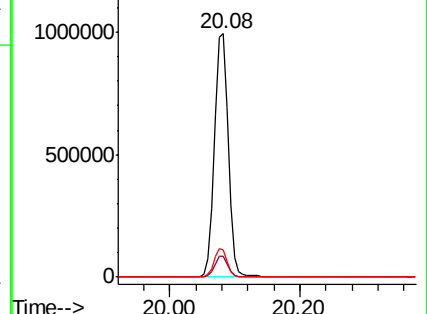
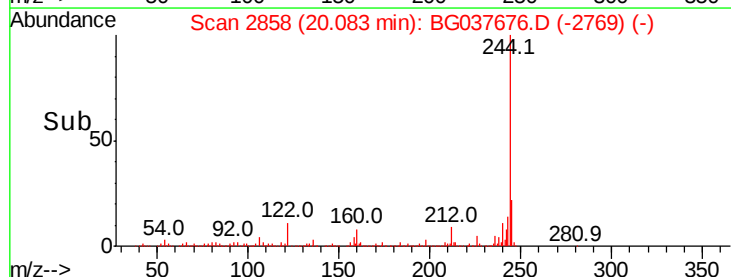
122 11.2 9.0 13.4

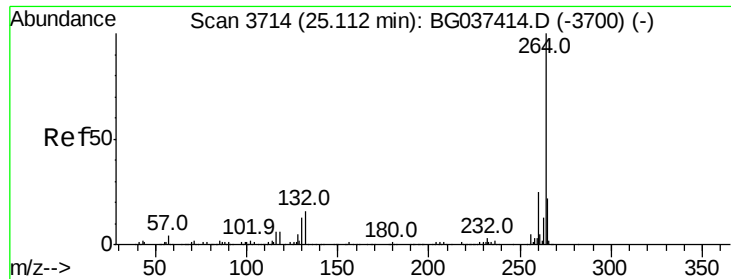


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037676.D
Acq: 31 Oct 2018 6:22

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	20.3	17.9	26.9

