

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037710.D
 Acq On : 1 Nov 2018 9:20
 Operator : JU/SJ
 Sample : J5731-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 103018-SIDI-E-D-M

Quant Time: Nov 01 11:26:35 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

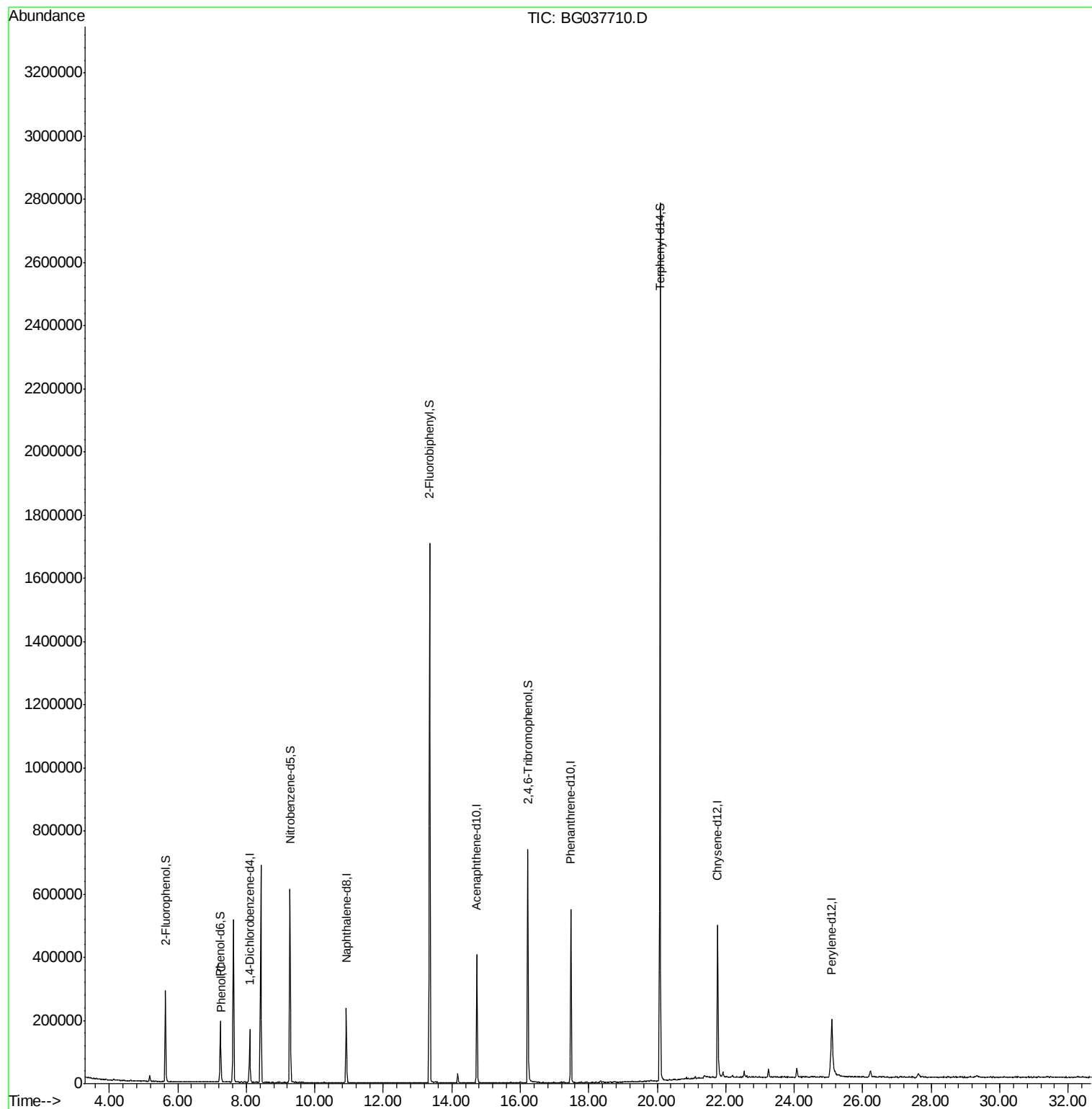
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	49129	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	212692	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	146811	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	349858	20.00	ng	0.00
76) Chrysene-d12	21.76	240	316910	20.00	ng	-0.01
87) Perylene-d12	25.10	264	268602	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	136746	46.53	ng	0.00
7) Phenol-d6	7.24	99	126139	28.39	ng	0.00
23) Nitrobenzene-d5	9.28	82	391537	103.12	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	144364	90.16	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	949324	97.51	ng	-0.01
79) Terphenyl-d14	20.08	244	1384284	93.34	ng	0.00
Target Compounds						
10) Phenol	7.27	94	21268	4.536	ng	Qvalue 99

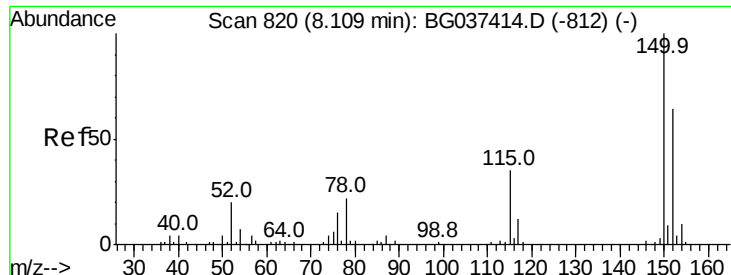
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037710.D

Acq: 1 Nov 2018 9:20

Instrument :

BNA_G

ClientSampleId :

103018-SIDI-E-D-M

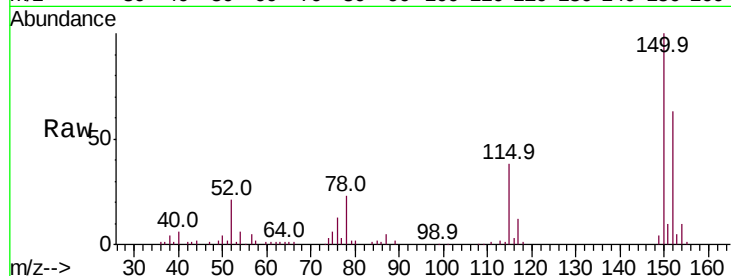
Tot Ion:152 Resp: 49129

Ion Ratio Lower Upper

152 100

150 158.1 126.0 189.0

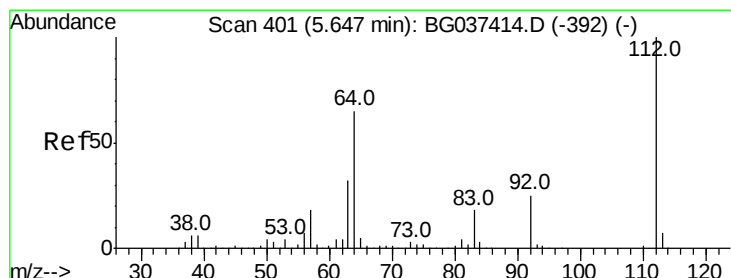
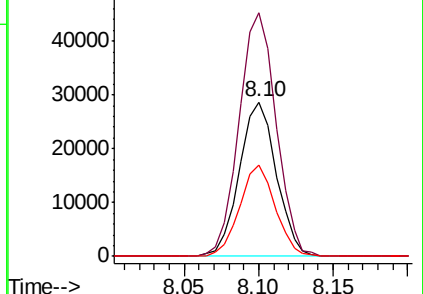
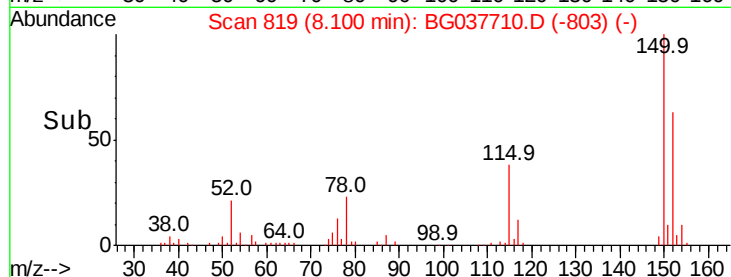
115 59.5 45.5 68.3



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: 46.534 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037710.D

Acq: 1 Nov 2018 9:20

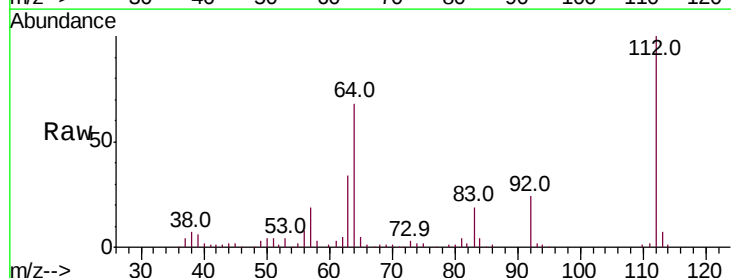
Tgt Ion:112 Resp: 136746

Ion Ratio Lower Upper

112 100

64 67.9 53.1 79.7

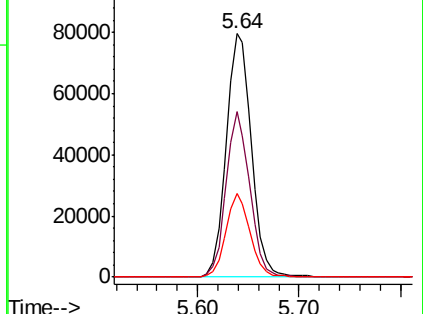
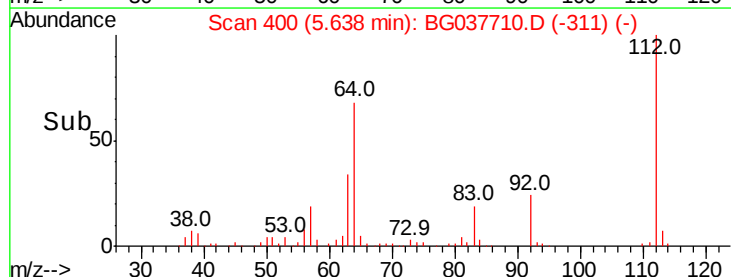
63 34.3 27.3 40.9

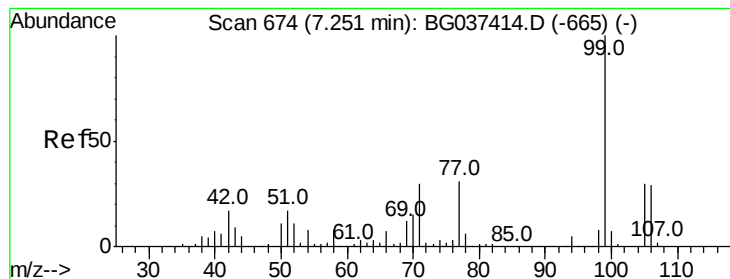


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 28.387 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037710.D

Acq: 1 Nov 2018 9:20

Instrument :

BNA_G

ClientSampleId :

103018-SIDI-E-D-M

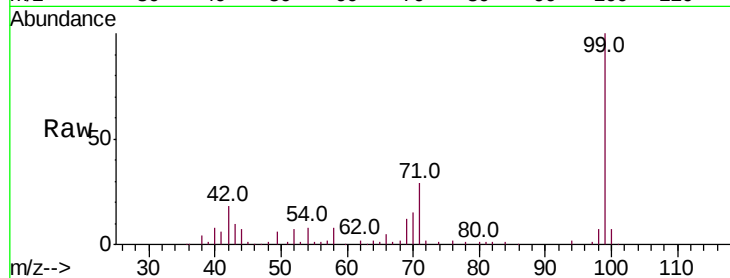
Tot Ion: 99 Resp: 126139

Ion Ratio Lower Upper

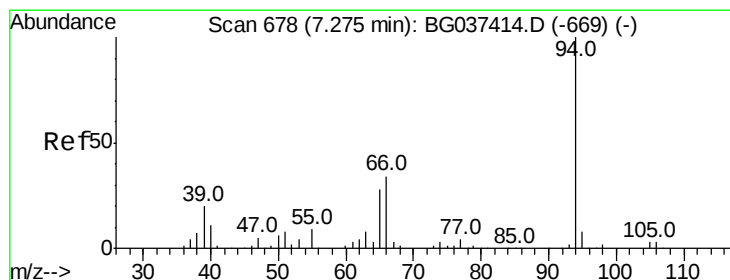
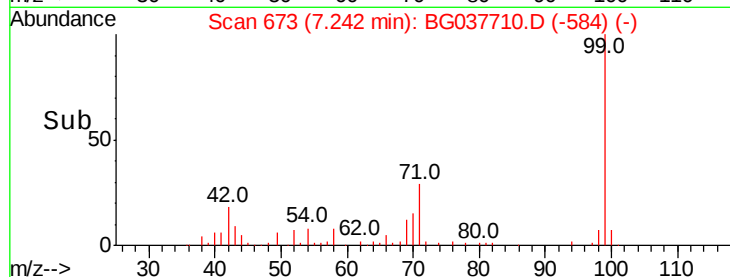
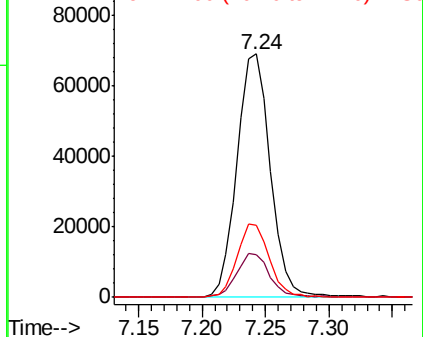
99 100

42 17.6 15.0 22.4

71 29.4 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: 4.536 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037710.D

Acq: 1 Nov 2018 9:20

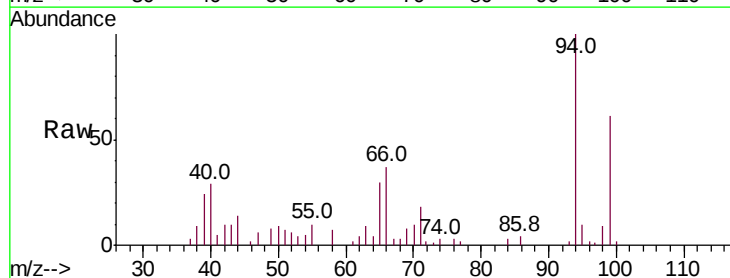
Tgt Ion: 94 Resp: 21268

Ion Ratio Lower Upper

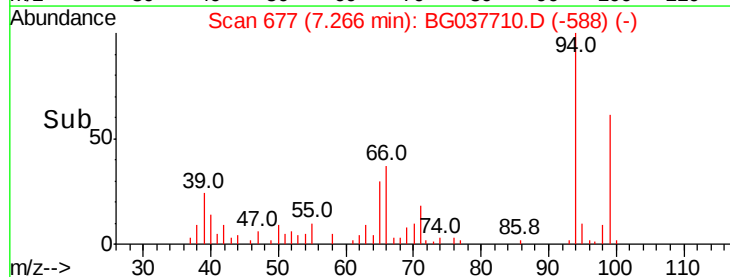
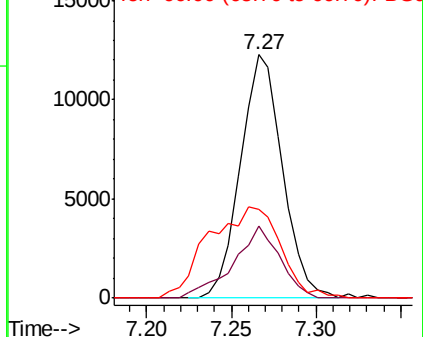
94 100

65 29.5 9.7 49.7

66 36.7 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

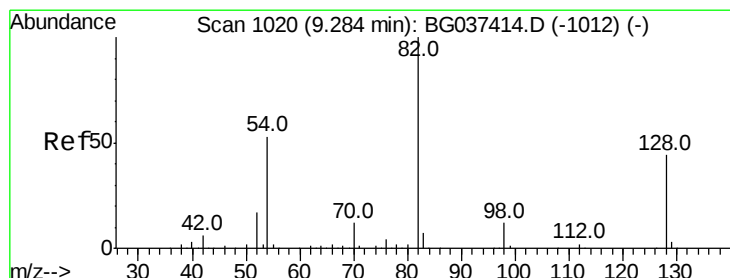
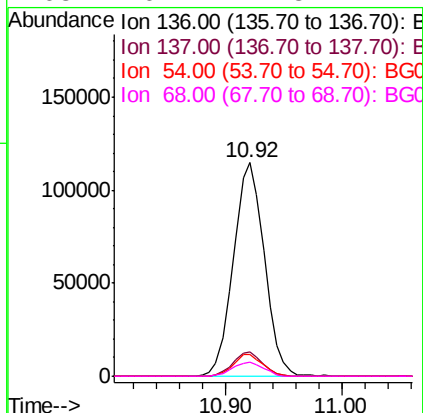
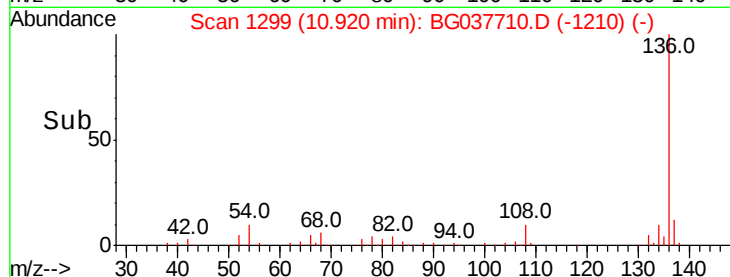
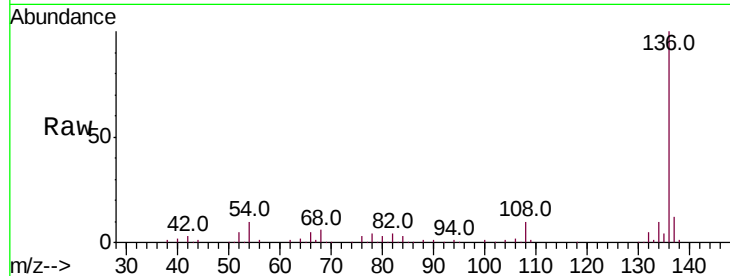




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037710.D
Acq: 1 Nov 2018 9:20

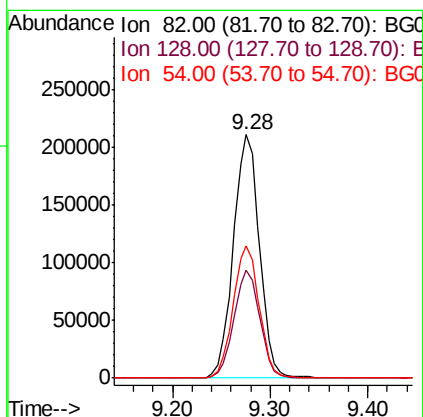
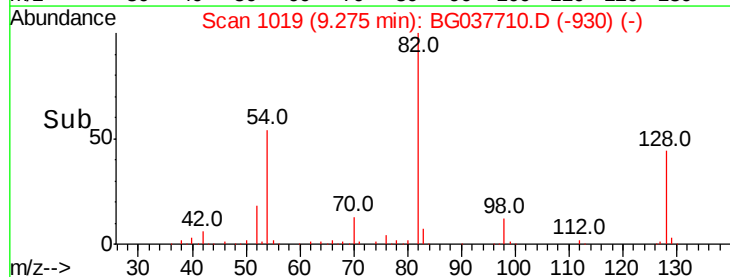
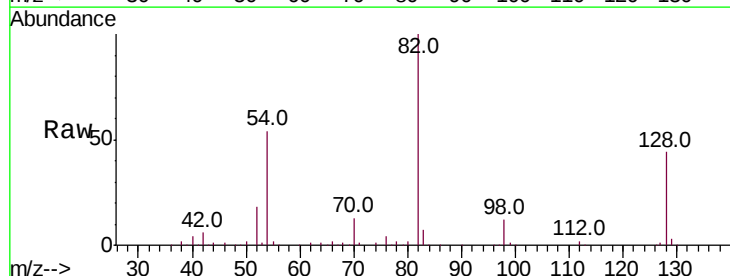
Instrument :
BNA_G
ClientSampleId :
103018-SIDI-E-D-M

Tot Ion:	136	Resp:	212692
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.0	7.9	11.9
68	6.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 103.123 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037710.D
Acq: 1 Nov 2018 9:20

Tgt Ion:	82	Resp:	391537
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	54.4	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037710.D

Acq: 1 Nov 2018 9:20

Instrument :

BNA_G

ClientSampleId :

103018-SIDI-E-D-M

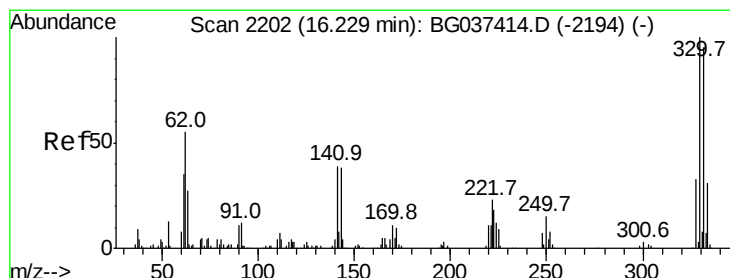
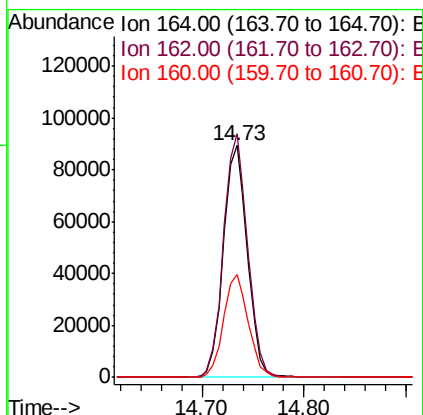
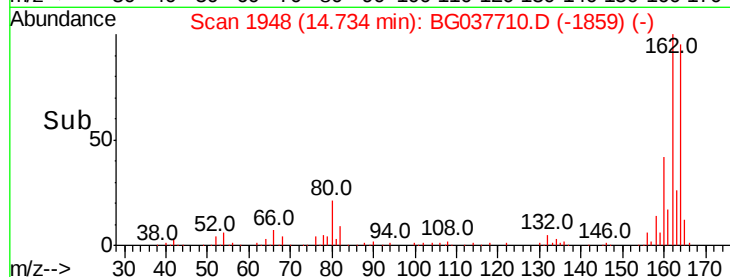
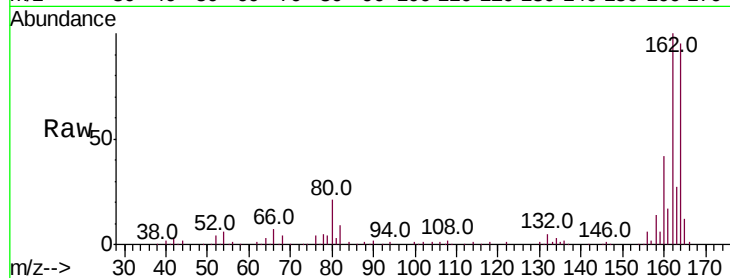
Tot Ion:164 Resp: 146811

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

160 44.6 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 90.157 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037710.D

Acq: 1 Nov 2018 9:20

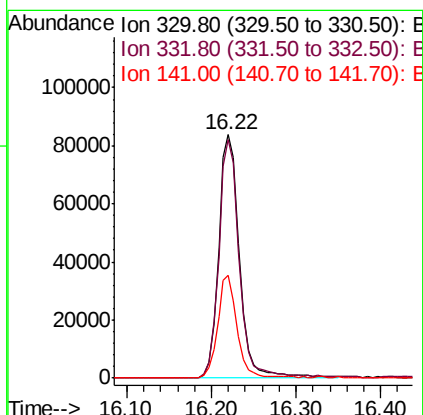
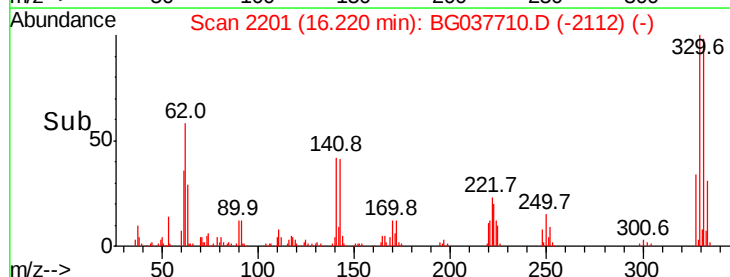
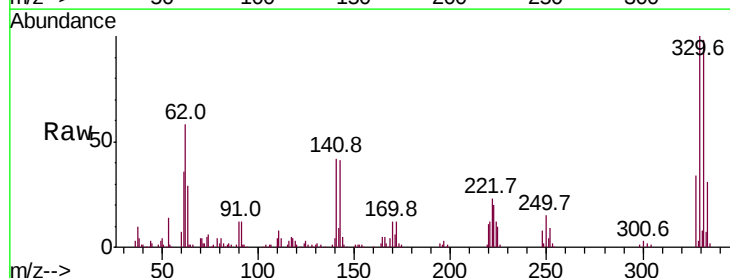
Tgt Ion:330 Resp: 144364

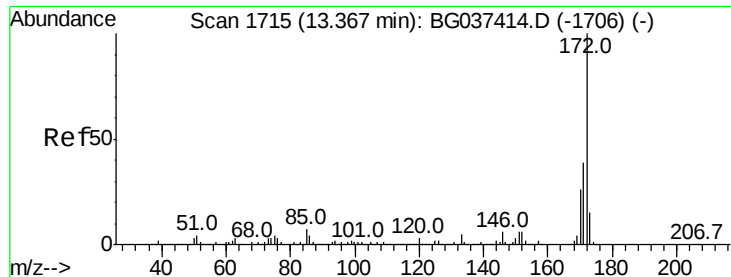
Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

141 39.8 32.2 48.2

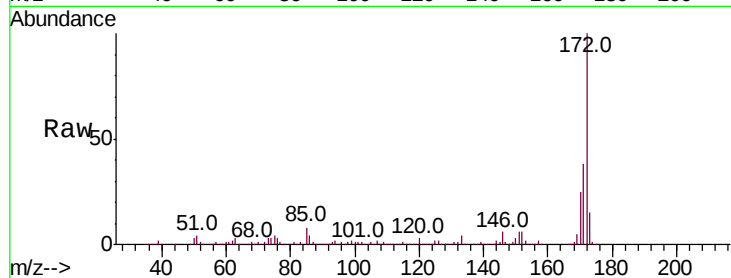




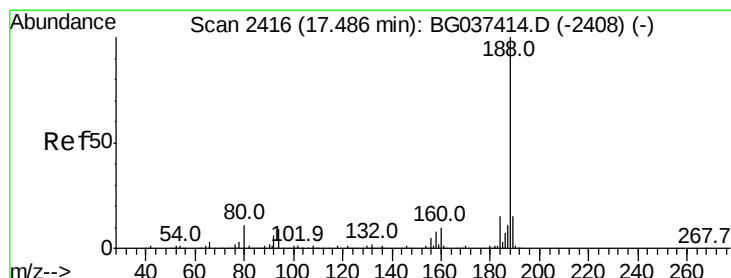
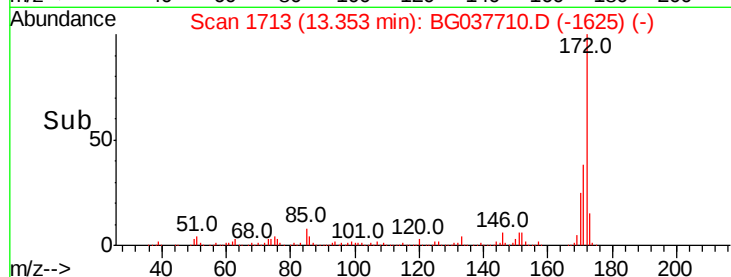
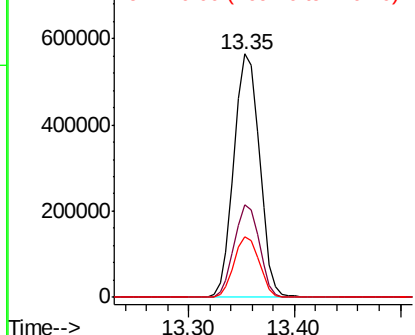
#45
 2-Fluorobiphenyl
 Concen: 97.508 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037710.D
 Acq: 1 Nov 2018 9:20

Instrument :
 BNA_G
 ClientSampleId :
 103018-SIDI-E-D-M

Tot Ion:172 Resp: 949324
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.0 46.4
 170 24.7 20.2 30.2

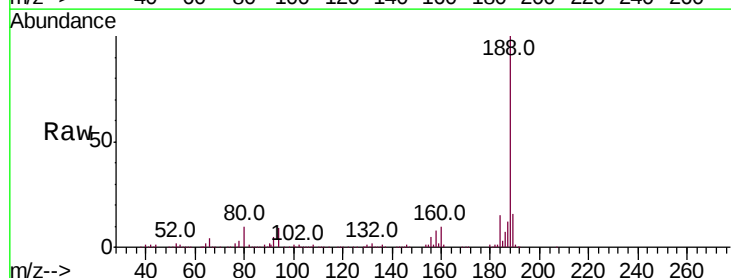


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

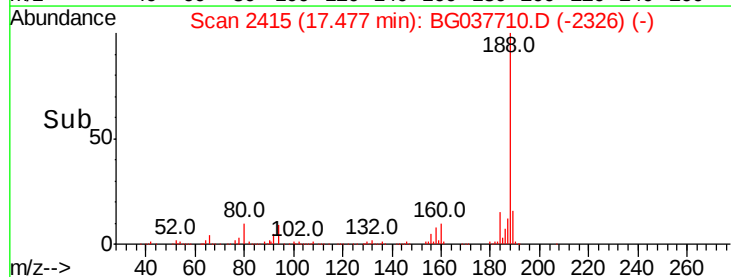
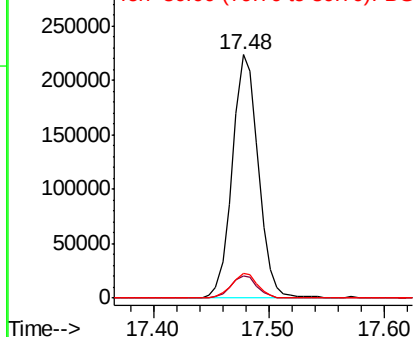


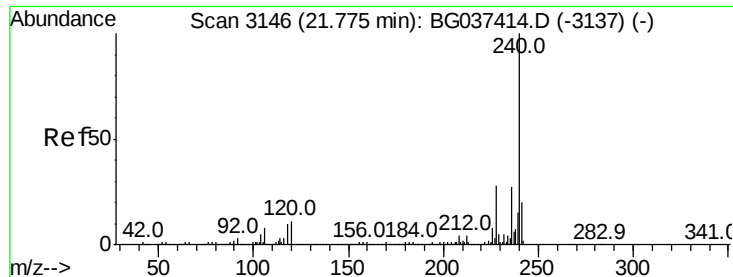
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037710.D
 Acq: 1 Nov 2018 9:20

Tgt Ion:188 Resp: 349858
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.2 10.8
 80 9.9 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: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037710.D

Acq: 1 Nov 2018 9:20

Instrument :

BNA_G

ClientSampleId :

103018-SIDI-E-D-M

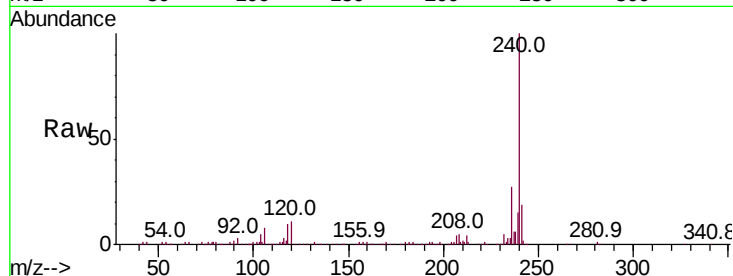
Tot Ion:240 Resp: 316910

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	27.3	21.4	32.0

240 100

120 11.4 8.1 12.1

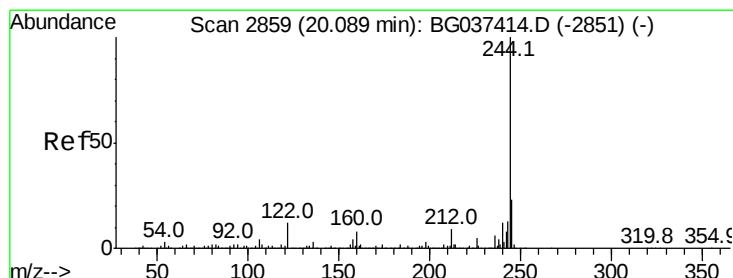
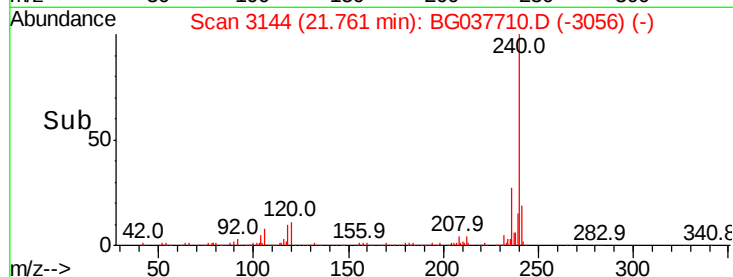
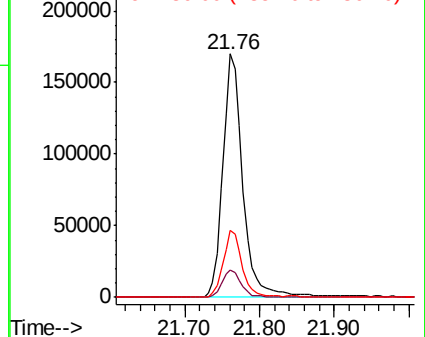
236 27.3 21.4 32.0



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: 93.335 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037710.D

Acq: 1 Nov 2018 9:20

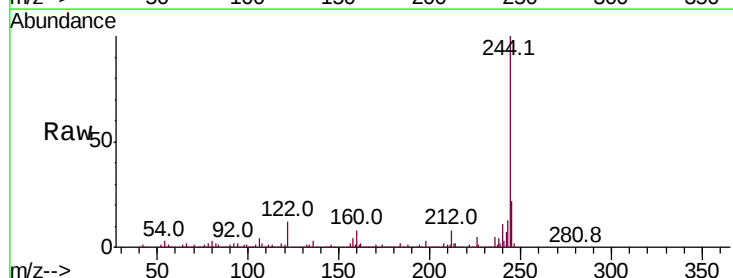
Tgt Ion:244 Resp: 1384284

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.5	9.0	13.4

244 100

212 8.4 6.5 9.7

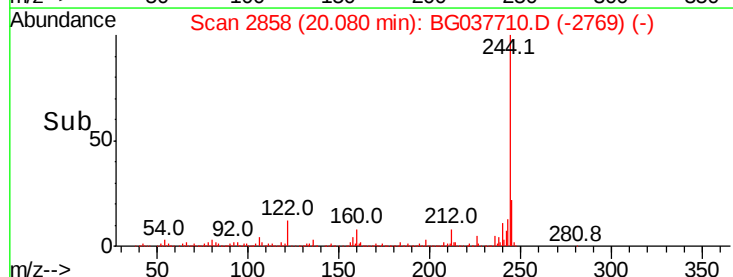
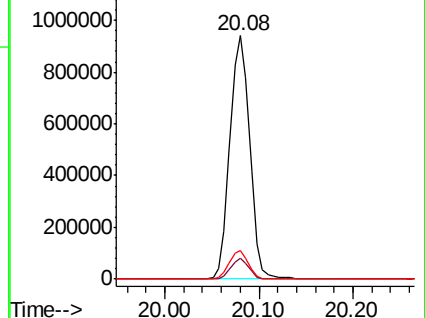
122 11.5 9.0 13.4

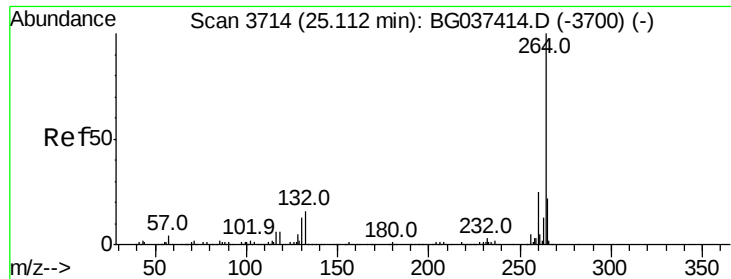


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037710.D
Acq: 1 Nov 2018 9:20

Instrument :
BNA_G
ClientSampleId :
103018-SIDI-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	22.7	17.9	26.9

