

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037707.D
 Acq On : 1 Nov 2018 7:23
 Operator : JU/SJ
 Sample : J5731-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Nov 01 09:27:38 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

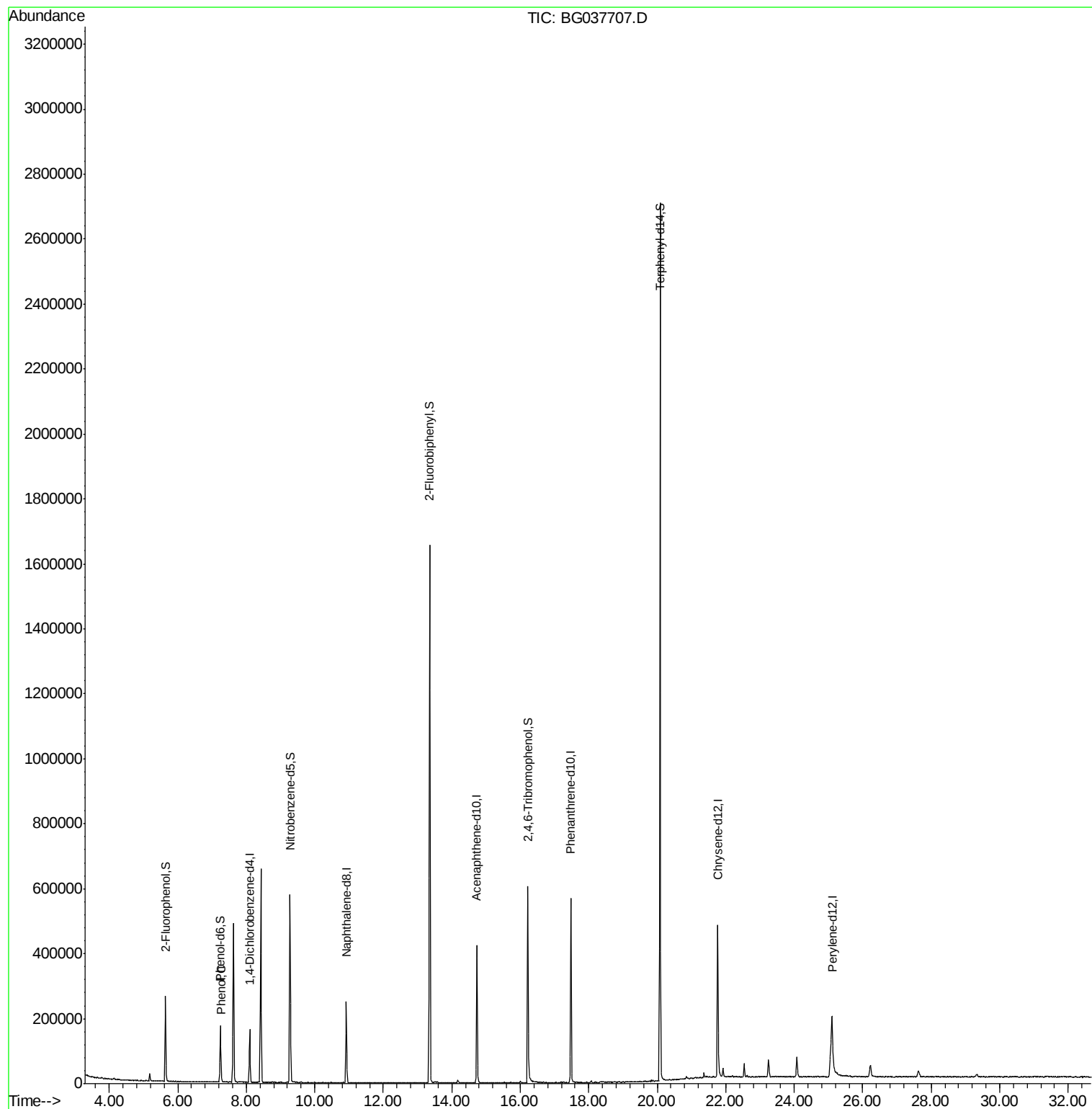
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	50071	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	219371	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	153322	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	362279	20.00	ng	0.00
76) Chrysene-d12	21.77	240	323918	20.00	ng	0.00
87) Perylene-d12	25.10	264	256236	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	123038	41.08	ng	0.00
7) Phenol-d6	7.24	99	113635	25.09	ng	0.00
23) Nitrobenzene-d5	9.27	82	368459	94.09	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	122438	73.22	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	917242	90.21	ng	-0.02
79) Terphenyl-d14	20.08	244	1340441	88.42	ng	0.00
Target Compounds						
10) Phenol	7.27	94	14340	3.001	ng	Qvalue 91

(#) = 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: BG037707.D

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Instrument :

BNA_G

ClientSampleId :

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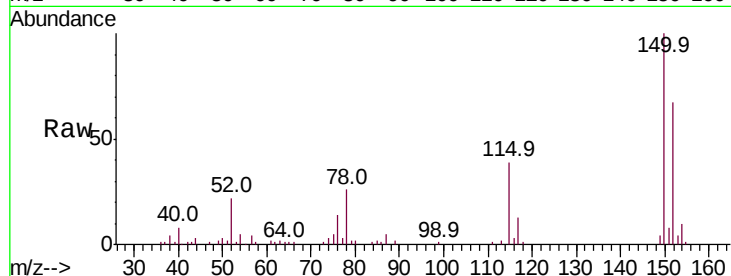
Tot Ion:152 Resp: 50071

Ion Ratio Lower Upper

152 100

150 149.8 126.0 189.0

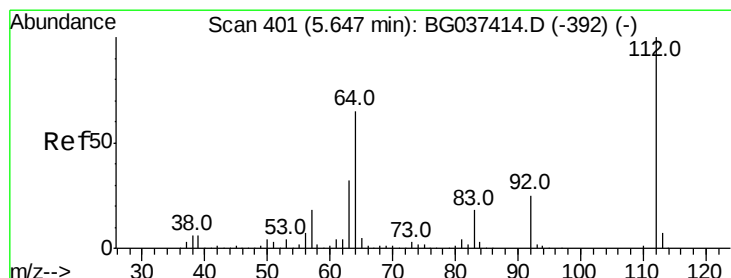
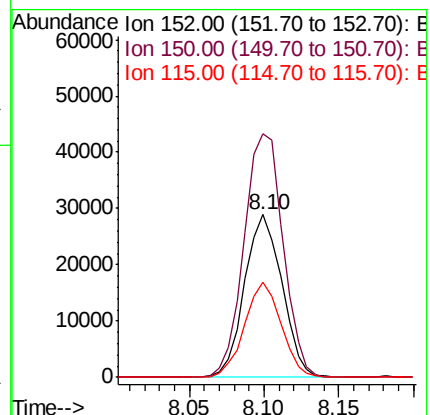
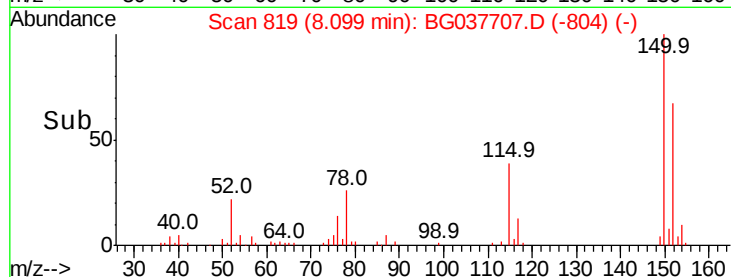
115 58.4 45.5 68.3



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: 41.082 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037707.D

Acq: 1 Nov 2018 7:23

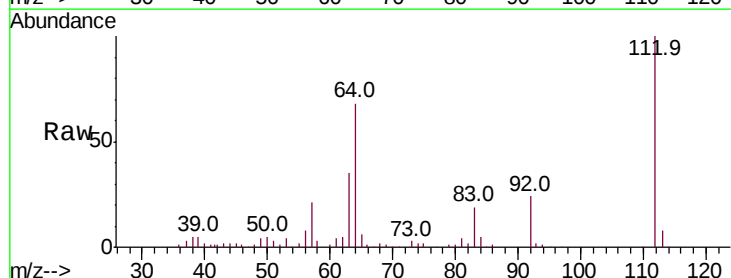
Tgt Ion:112 Resp: 123038

Ion Ratio Lower Upper

112 100

64 68.2 53.1 79.7

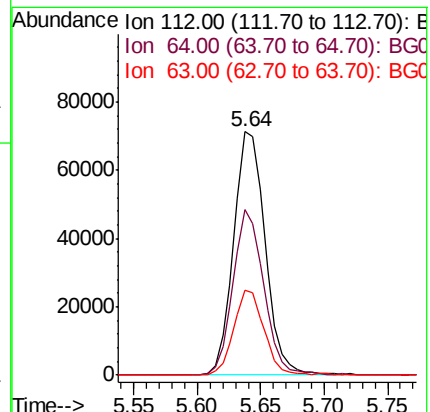
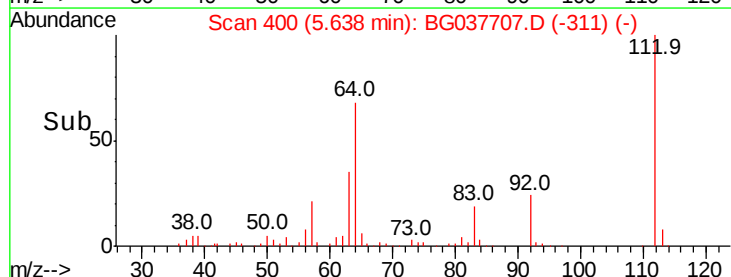
63 34.8 27.3 40.9



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: 25.092 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037707.D

Acq: 1 Nov 2018 7:23

Instrument :

BNA_G

ClientSampleId :

103018-TIPC-E-D-M

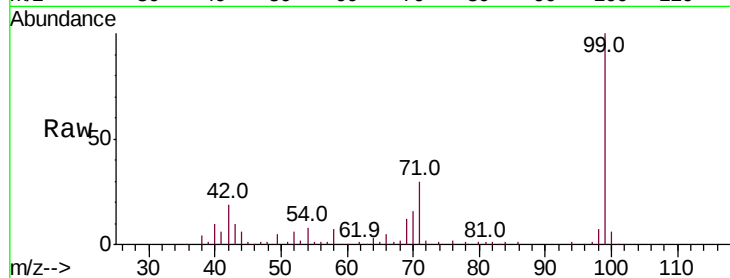
Tot Ion: 99 Resp: 113635

Ion Ratio Lower Upper

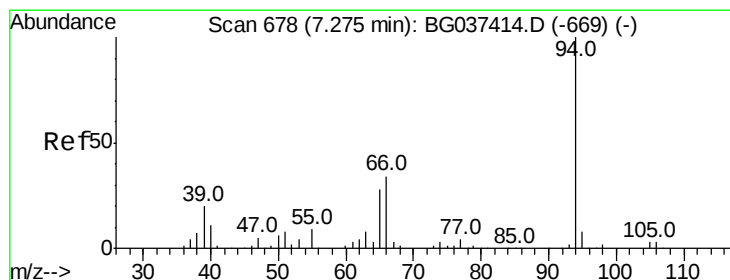
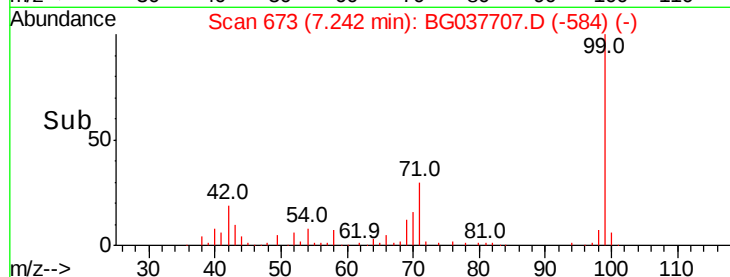
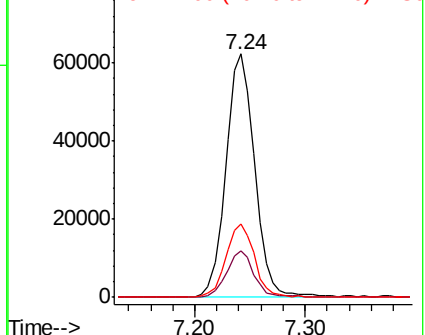
99 100

42 18.9 15.0 22.4

71 30.0 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: 3.001 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037707.D

Acq: 1 Nov 2018 7:23

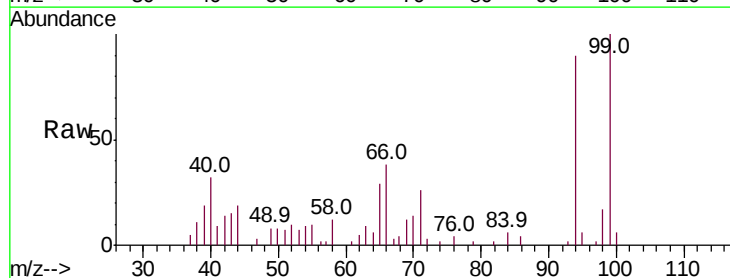
Tgt Ion: 94 Resp: 14340

Ion Ratio Lower Upper

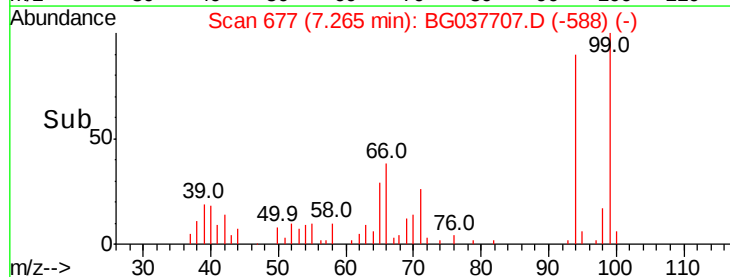
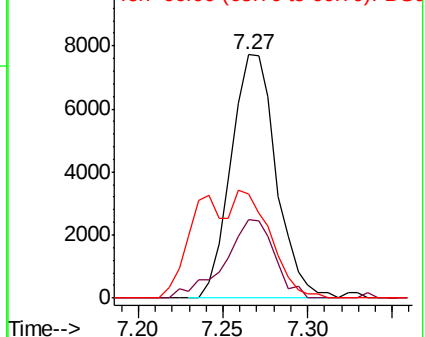
94 100

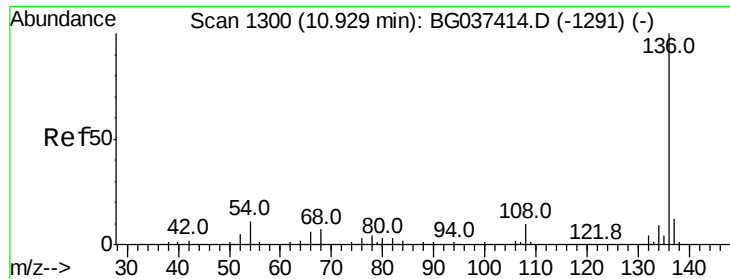
65 32.5 9.7 49.7

66 42.6 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

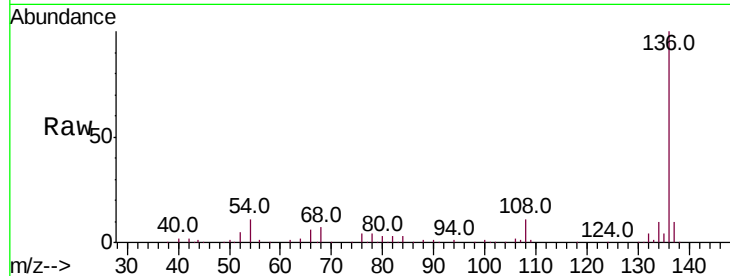




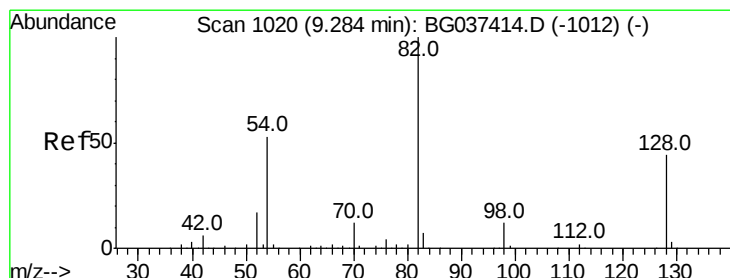
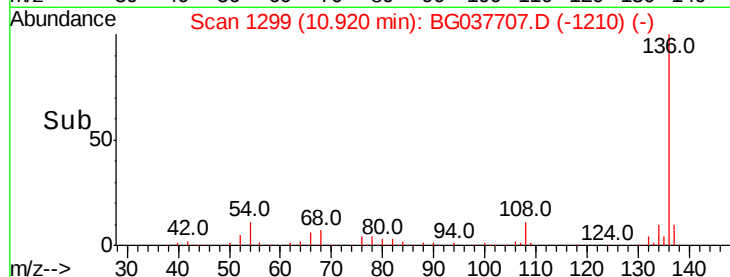
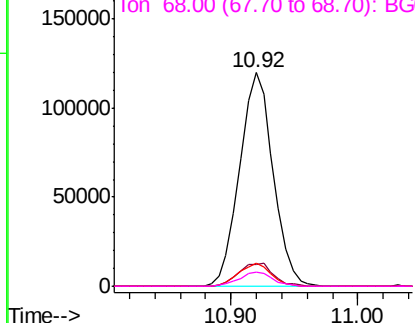
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037707.D
Acq: 1 Nov 2018 7:23

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

Tot Ion:	136	Resp:	219371
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	11.0	7.9	11.9
68	6.8	4.8	7.2

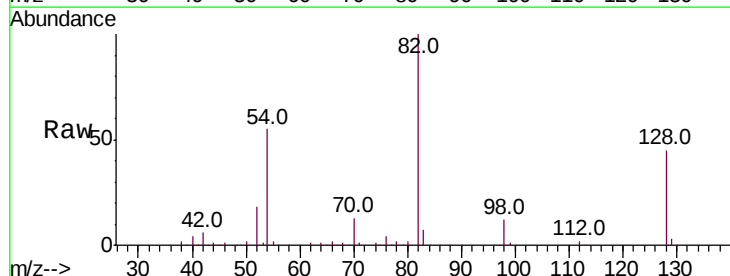


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

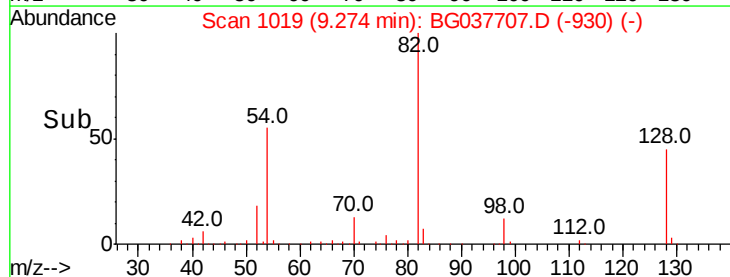
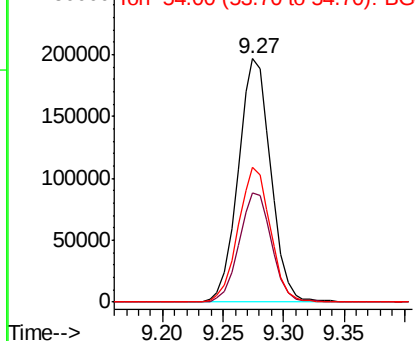


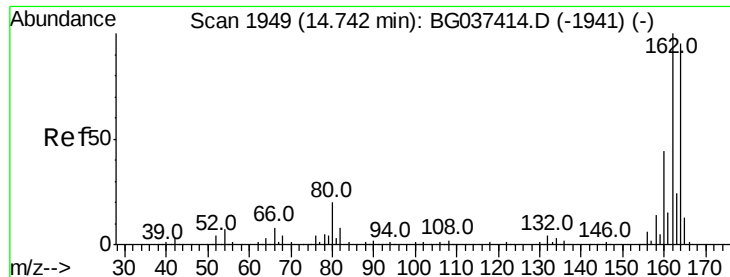
#23
Nitrobenzene-d5
Concen: 94.090 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037707.D
Acq: 1 Nov 2018 7:23

Tgt Ion:	82	Resp:	368459
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	55.4	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037707.D

Acq: 1 Nov 2018 7:23

Instrument :

BNA_G

ClientSampleId :

103018-TIPC-E-D-M

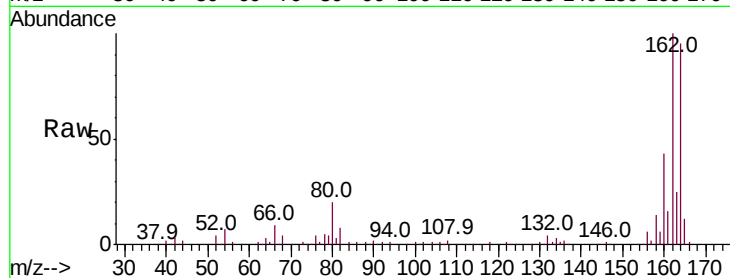
Tot Ion:164 Resp: 153322

Ion Ratio Lower Upper

164 100

162 105.7 81.3 121.9

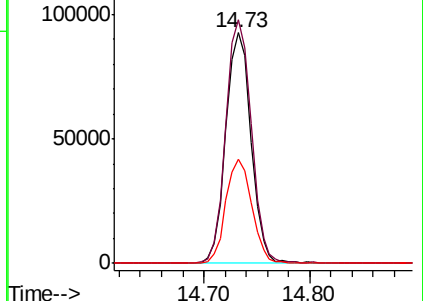
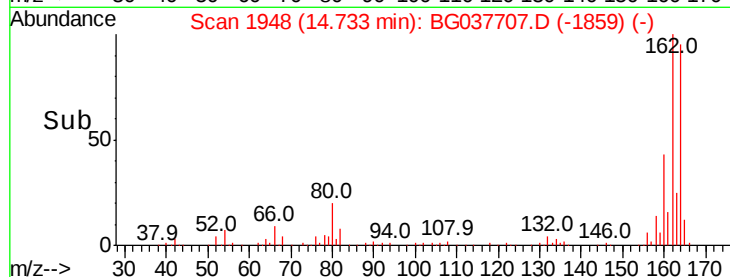
160 45.4 36.3 54.5



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: 73.217 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037707.D

Acq: 1 Nov 2018 7:23

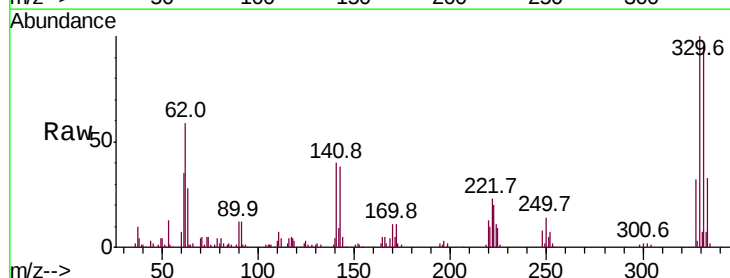
Tgt Ion:330 Resp: 122438

Ion Ratio Lower Upper

330 100

332 93.7 78.4 117.6

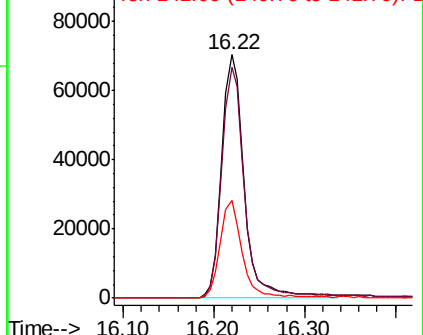
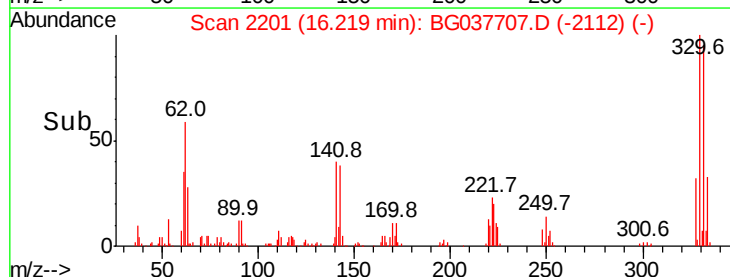
141 39.0 32.2 48.2



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

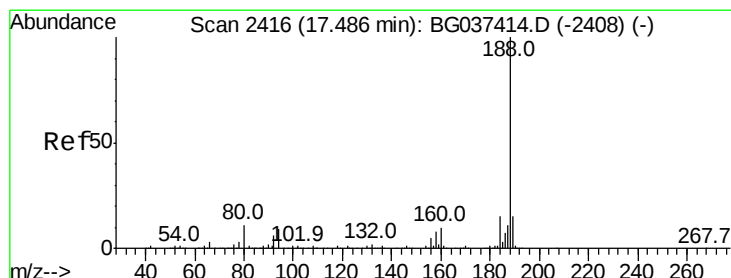
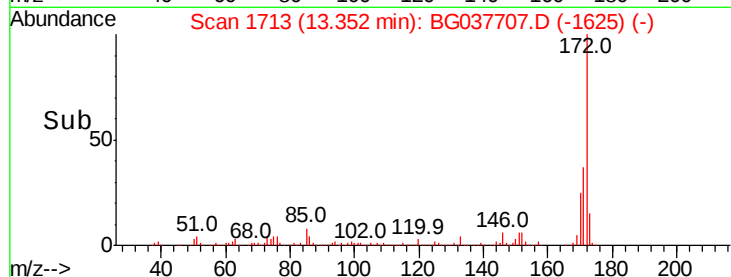
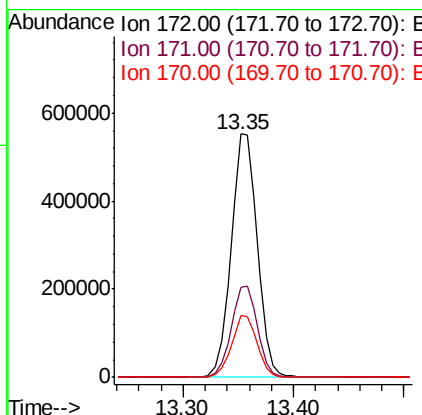
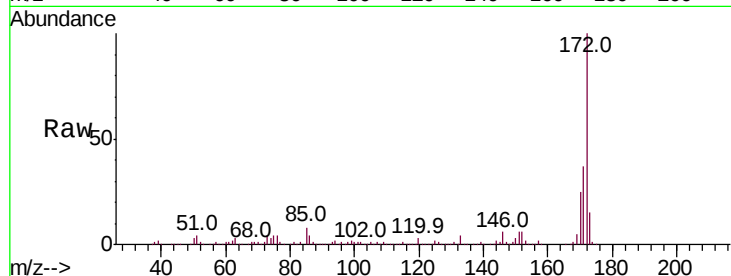




#45
2-Fluorobiphenyl
Concen: 90.212 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BG037707.D
Acq: 1 Nov 2018 7:23

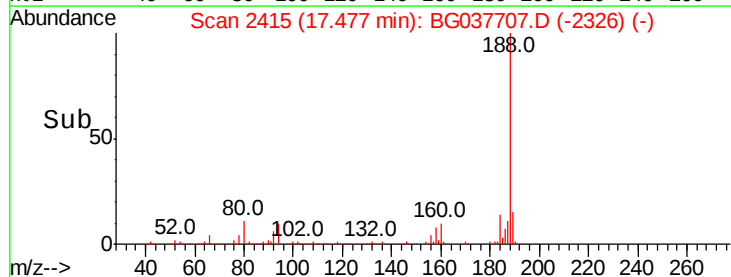
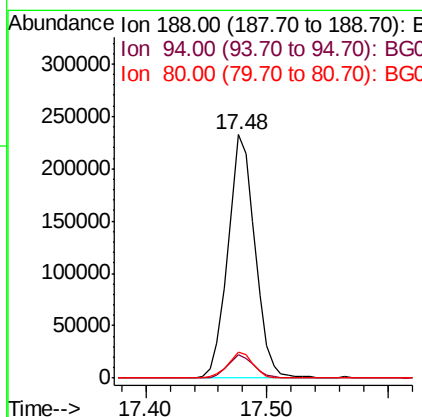
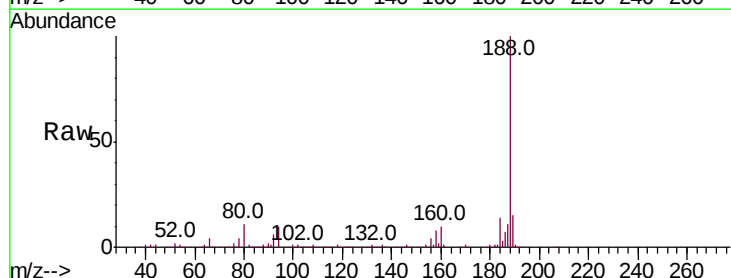
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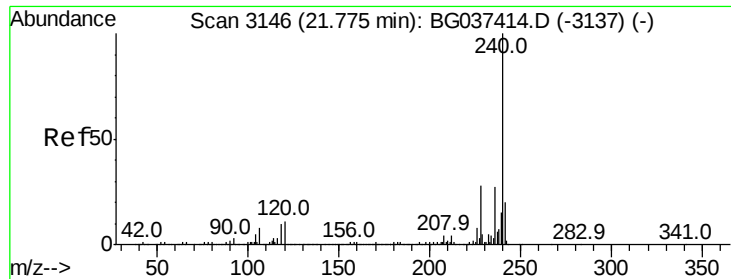
Tot Ion:172 Resp: 917242
Ion Ratio Lower Upper
172 100
171 36.9 31.0 46.4
170 25.3 20.2 30.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037707.D
Acq: 1 Nov 2018 7:23

Tgt Ion:188 Resp: 362279
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.6 7.7 11.5

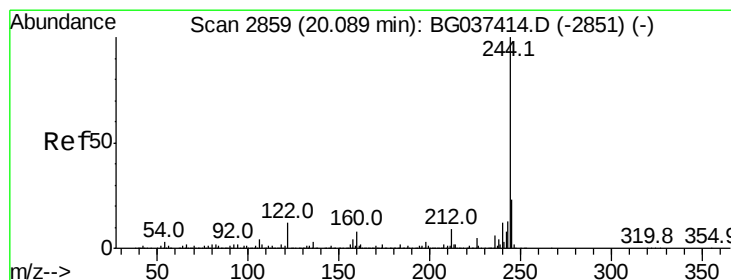
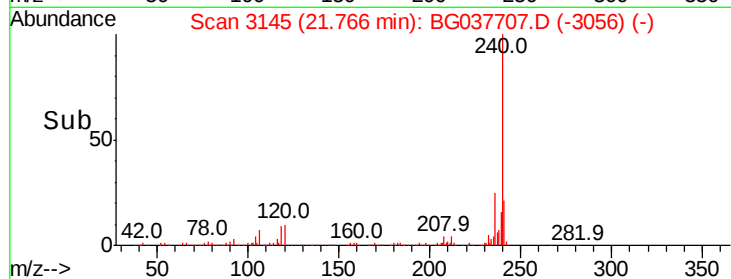
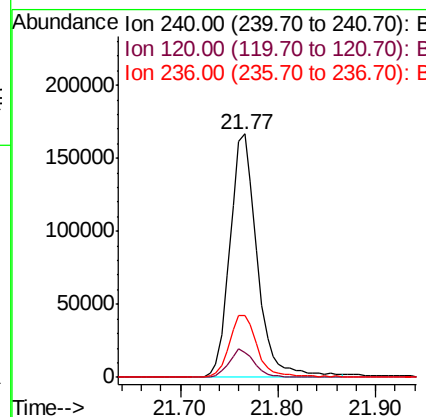
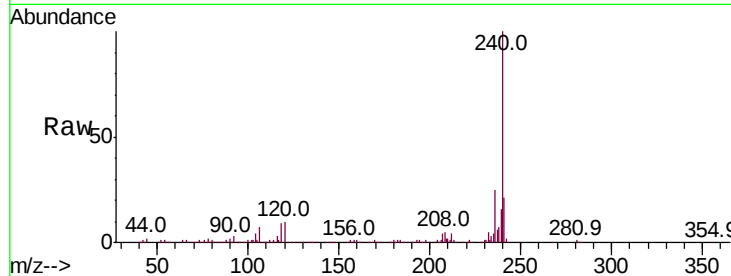




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037707.D
 Acq: 1 Nov 2018 7:23

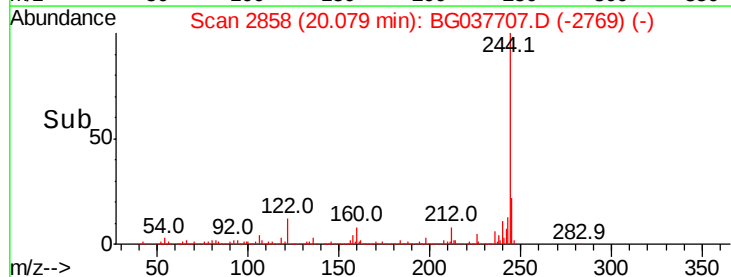
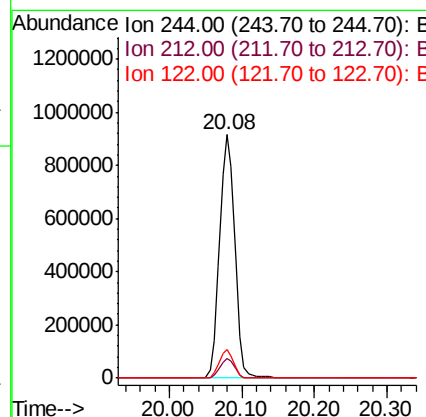
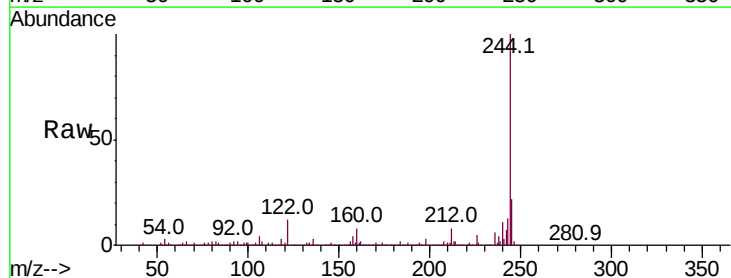
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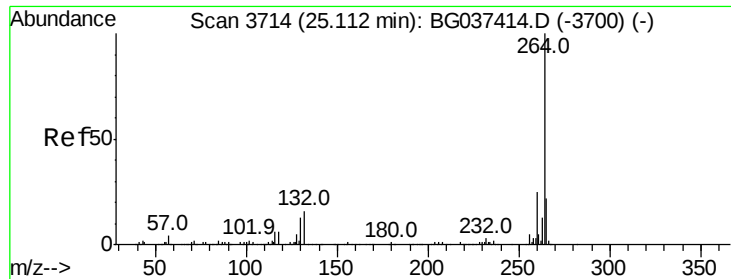
Tot Ion:240 Resp: 323918
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.1 12.1
 236 25.3 21.4 32.0



#79
 Terphenyl-d14
 Concen: 88.424 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037707.D
 Acq: 1 Nov 2018 7:23

Tgt Ion:244 Resp: 1340441
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 11.7 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037707.D
Acq: 1 Nov 2018 7:23

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.0	17.9	26.9

