

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037870.D
 Acq On : 7 Nov 2018 18:04
 Operator : JU/SJ
 Sample : J5822-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Quant Time: Nov 08 15:14:32 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

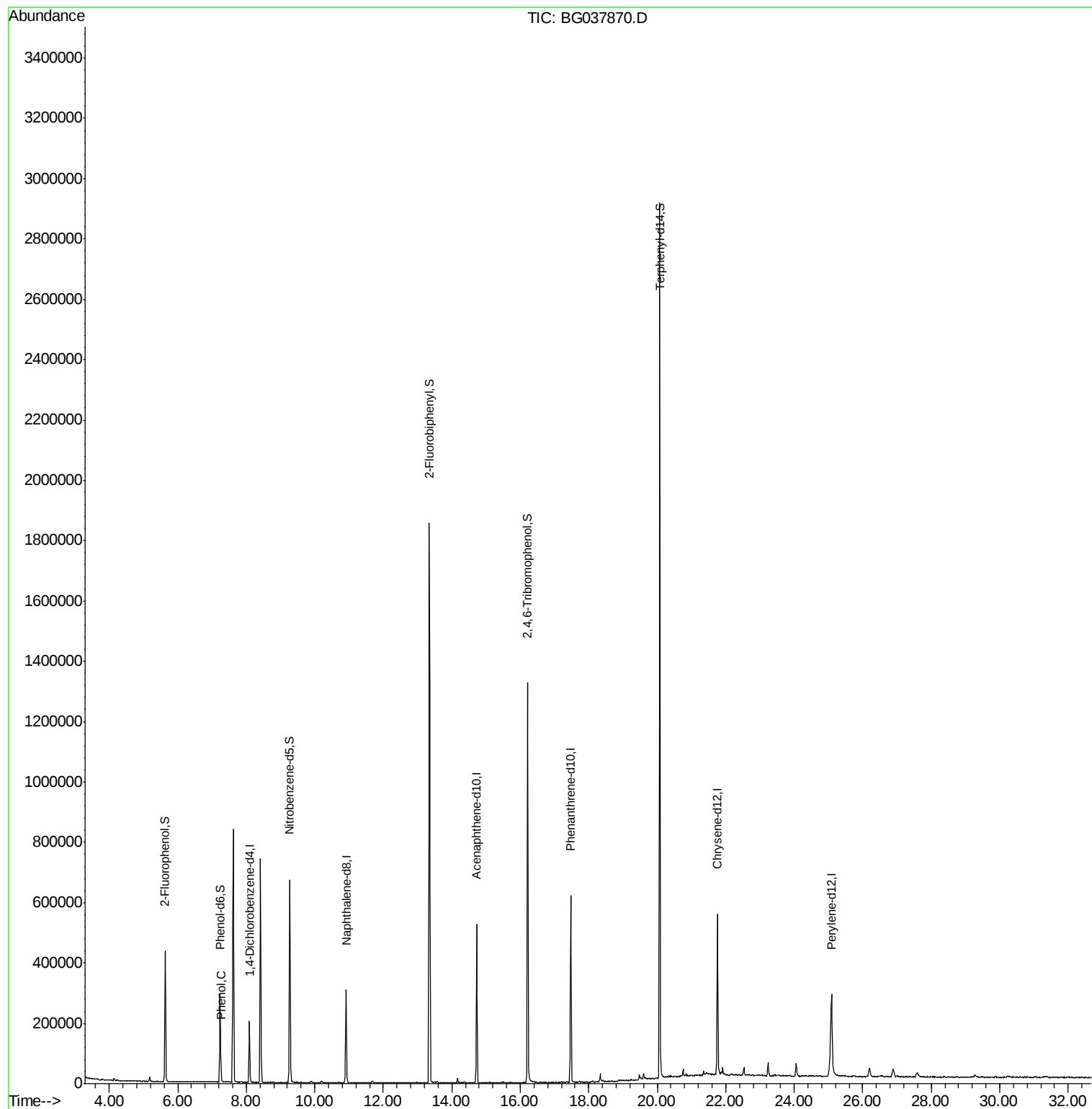
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	62017	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	281309	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	186151	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	401420	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	352945	20.00	ng	-0.02
87) Perylene-d12	25.09	264	340908	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	206139	55.57	ng	-0.01
7) Phenol-d6	7.24	99	192660	34.35	ng	-0.01
23) Nitrobenzene-d5	9.27	82	438315	87.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	249984	123.12	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1047353	84.84	ng	-0.02
79) Terphenyl-d14	20.07	244	1356142	82.10	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	13425	2.268	ng	Qvalue 88

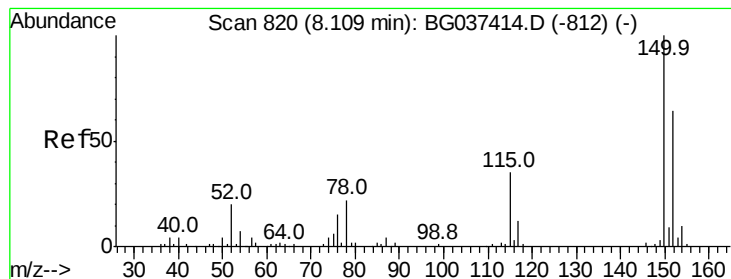
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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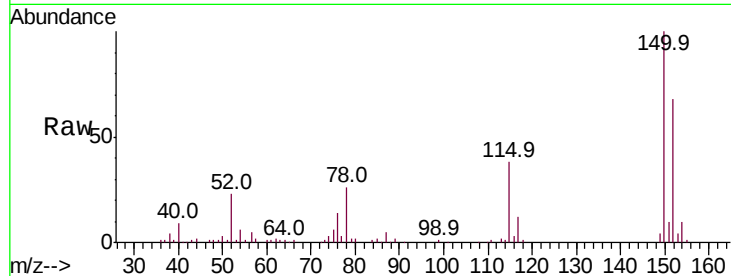


#1

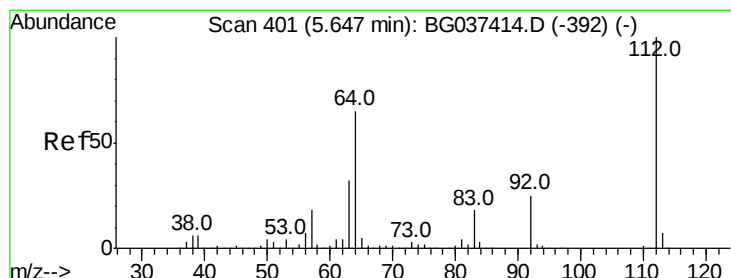
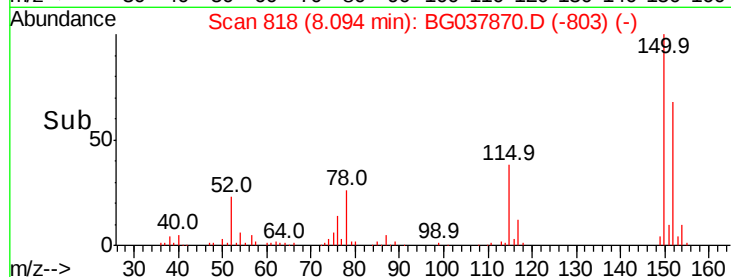
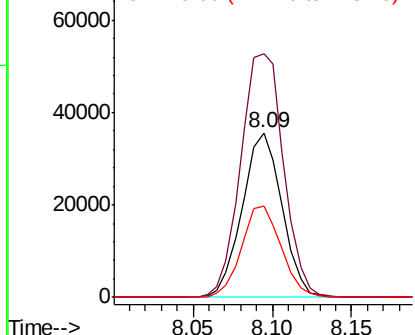
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037870.D
Acq: 7 Nov 2018 18:04

Instrument :
BNA_G
ClientSampleId :
MW-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.0	189.0
115	55.7	45.5	68.3



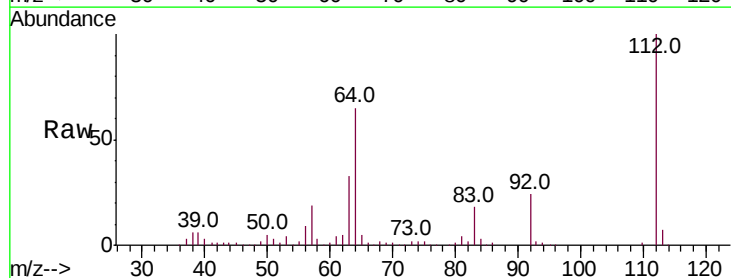
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



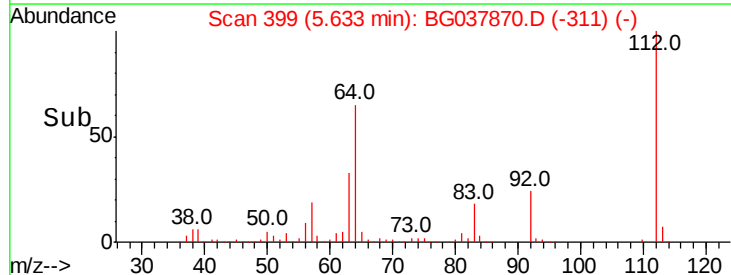
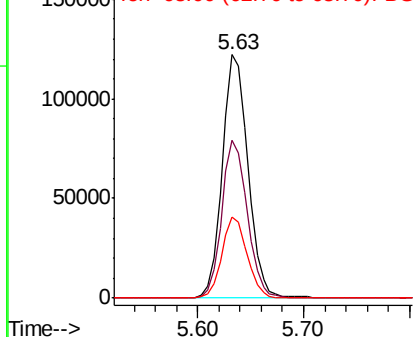
#5

2-Fluorophenol
Concen: 55.571 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037870.D
Acq: 7 Nov 2018 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	53.1	79.7
63	33.3	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: 34.347 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037870.D

Acq: 7 Nov 2018 18:04

Instrument :

BNA_G

ClientSampled :

MW-6

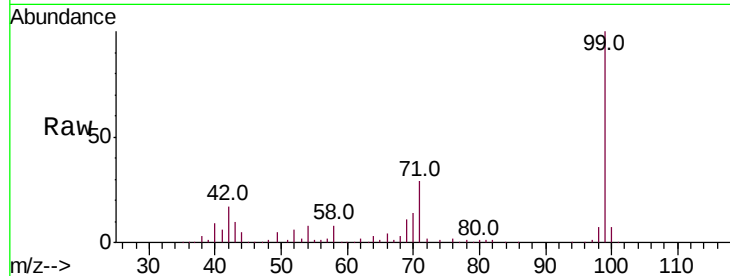
Tot Ion: 99 Resp: 192660

Ion Ratio Lower Upper

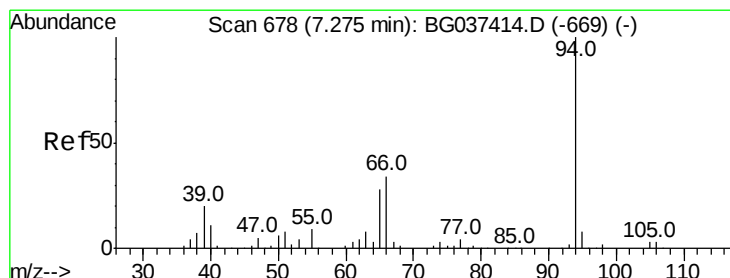
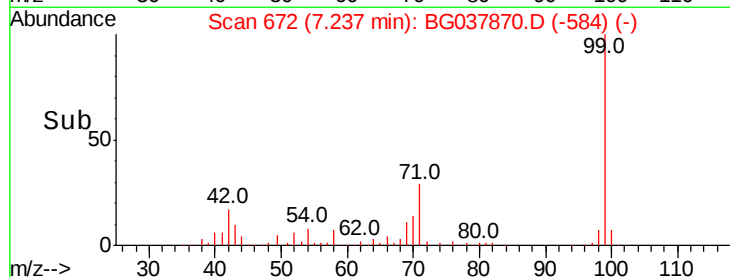
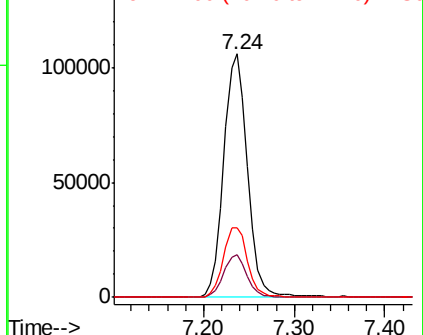
99 100

42 17.4 15.0 22.4

71 28.7 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: 2.268 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037870.D

Acq: 7 Nov 2018 18:04

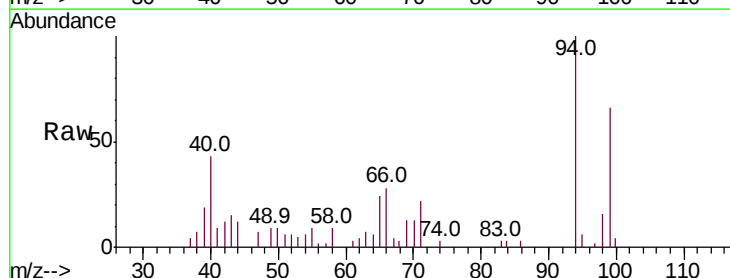
Tgt Ion: 94 Resp: 13425

Ion Ratio Lower Upper

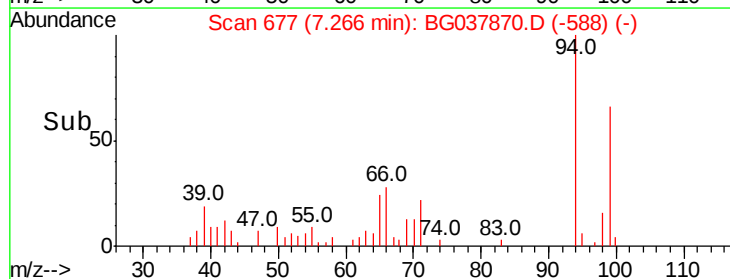
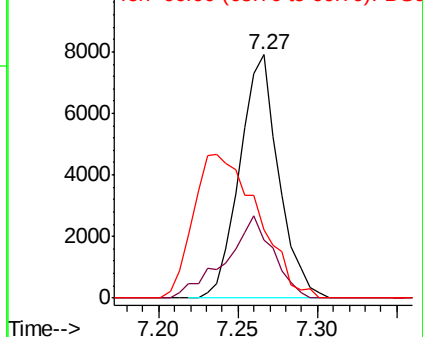
94 100

65 23.9 9.7 49.7

66 28.0 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

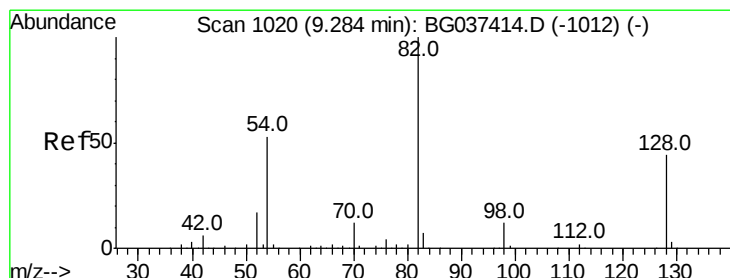
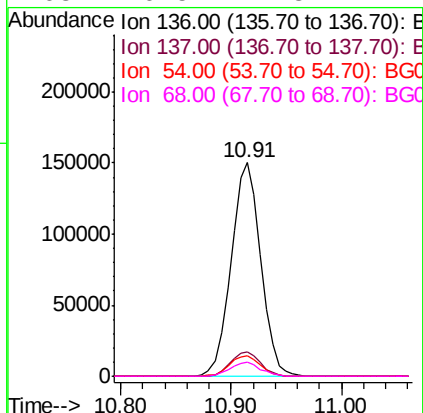
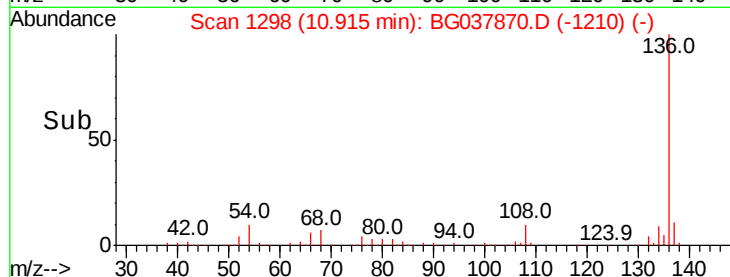
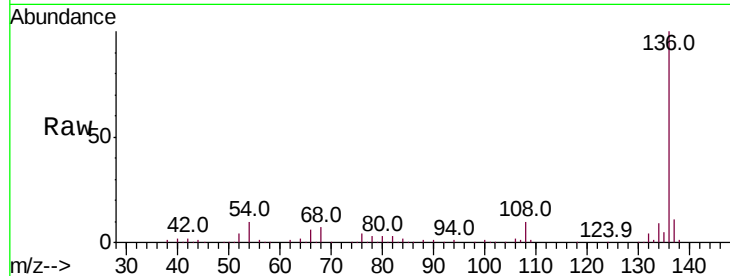




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037870.D
Acq: 7 Nov 2018 18:04

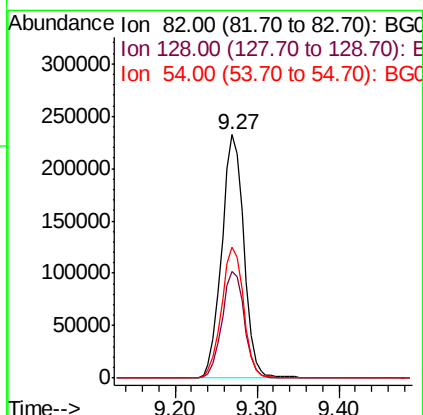
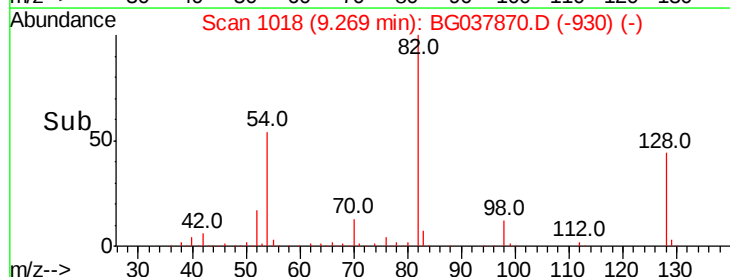
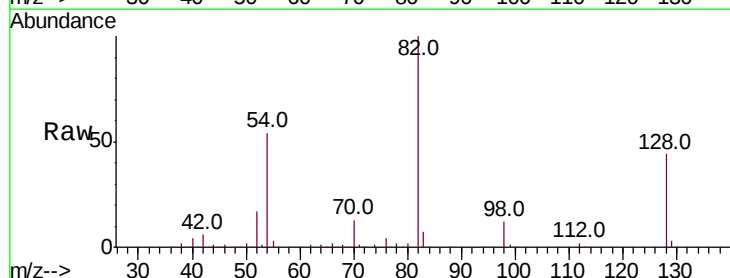
Instrument :
BNA_G
ClientSampleId :
MW-6

Tot Ion:	136	Resp:	281309
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.7	7.9	11.9
68	6.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 87.285 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037870.D
Acq: 7 Nov 2018 18:04

Tgt Ion:	82	Resp:	438315
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	54.0	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: BG037870.D

Acq: 7 Nov 2018 18:04

Instrument :

BNA_G

ClientSampleId :

MW-6

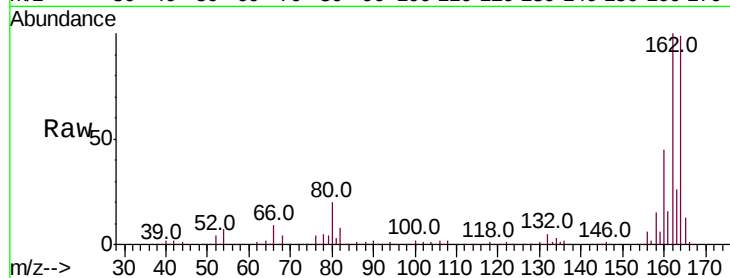
Tot Ion:164 Resp: 186151

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

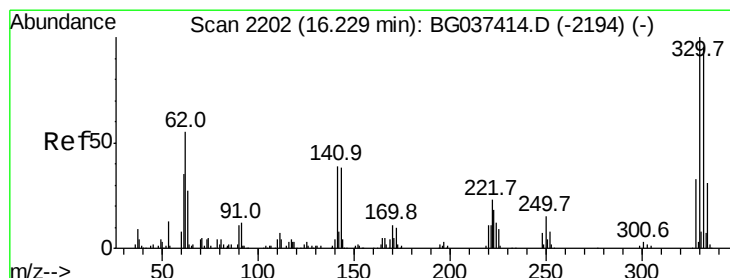
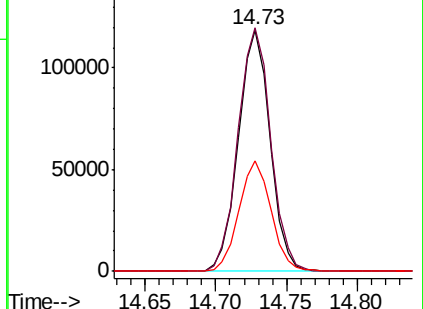
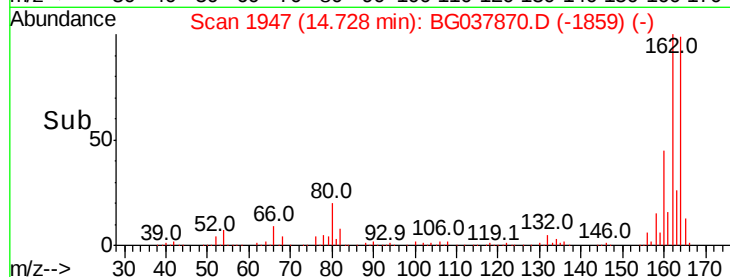
160 45.6 36.3 54.5



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: 123.125 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037870.D

Acq: 7 Nov 2018 18:04

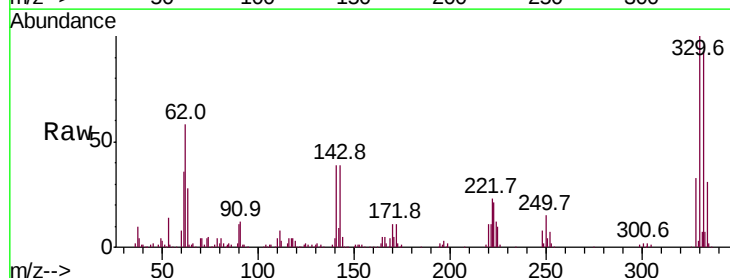
Tgt Ion:330 Resp: 249984

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

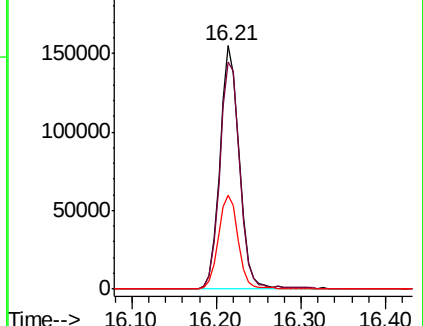
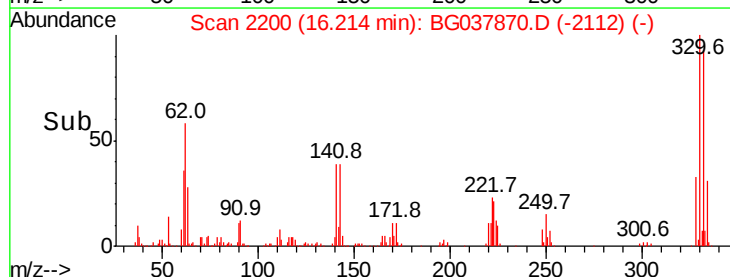
141 39.1 32.2 48.2



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



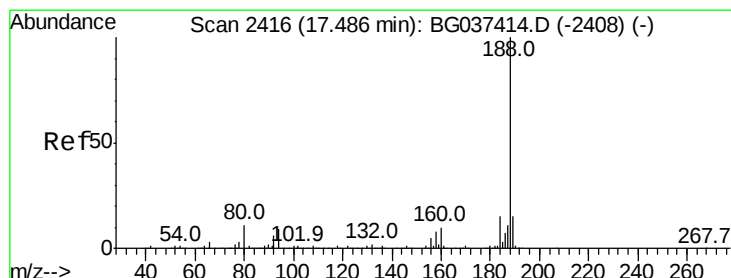
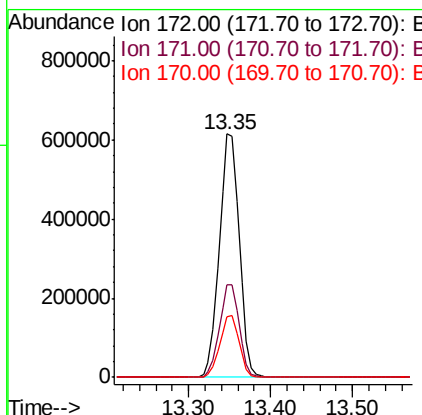
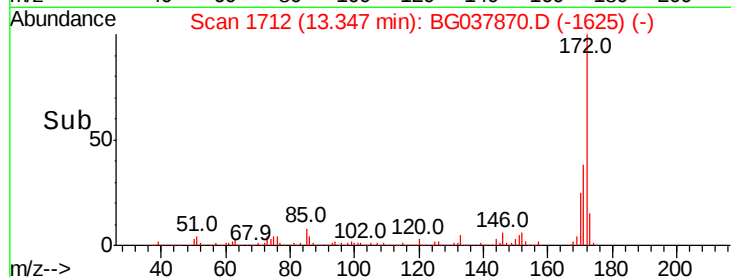
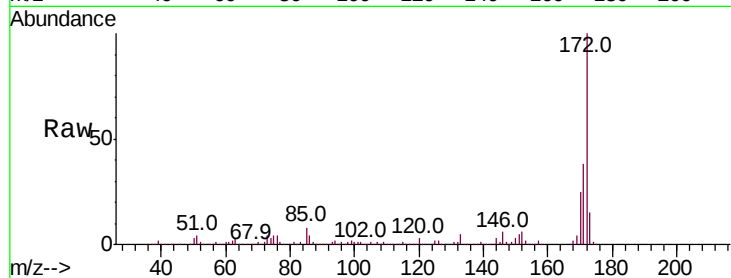


#45
 2-Fluorobiphenyl
 Concen: 84.842 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037870.D
 Acq: 7 Nov 2018 18:04

Instrument :
 BNA_G
 ClientSampleId :
 MW-6

Tot Ion:172 Resp: 1047353

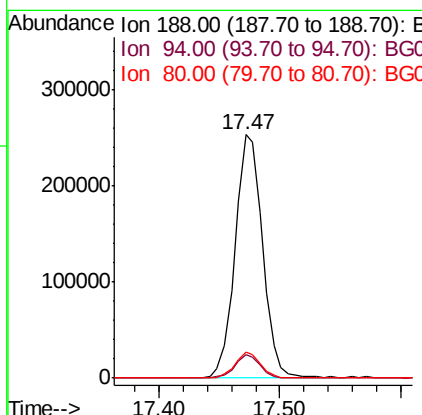
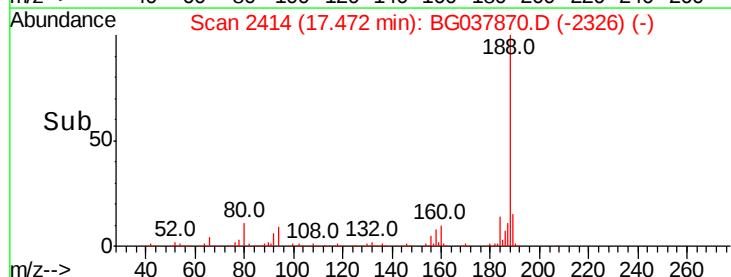
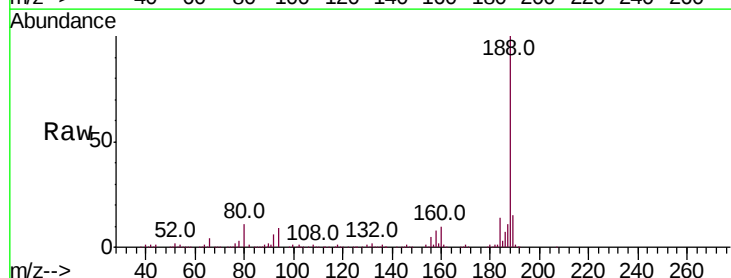
Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.1	20.2	30.2

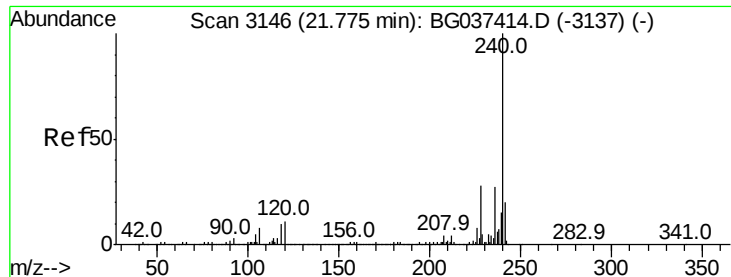


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037870.D
 Acq: 7 Nov 2018 18:04

Tgt Ion:188 Resp: 401420

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.9	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037870.D

Acq: 7 Nov 2018 18:04

Instrument :

BNA_G

ClientSampleId :

MW-6

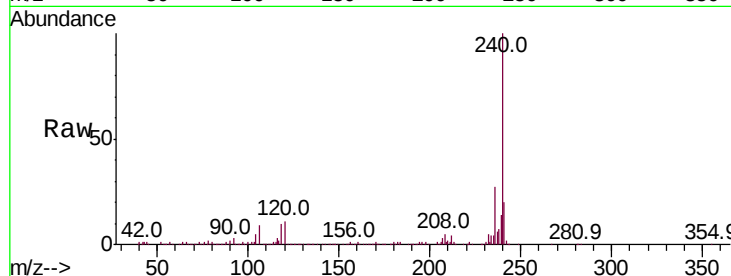
Tot Ion:240 Resp: 352945

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

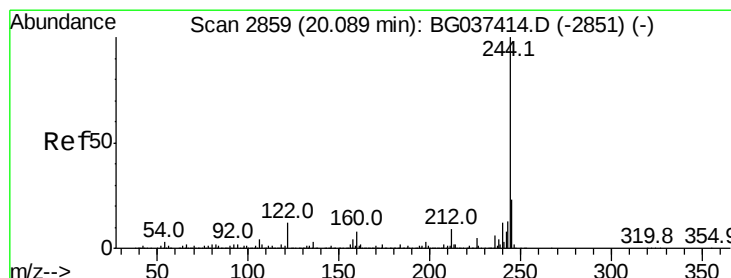
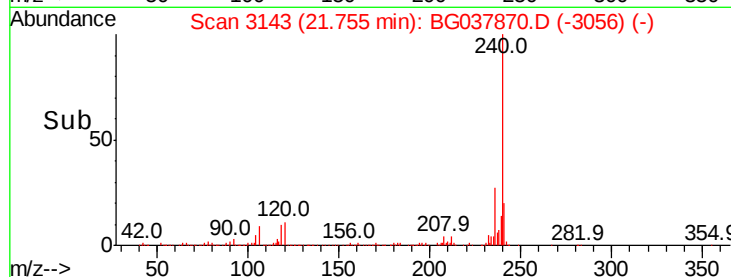
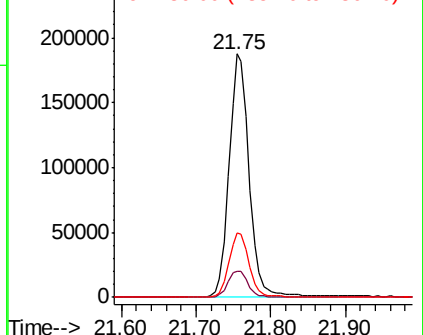
236 26.6 21.4 32.0



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: 82.102 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037870.D

Acq: 7 Nov 2018 18:04

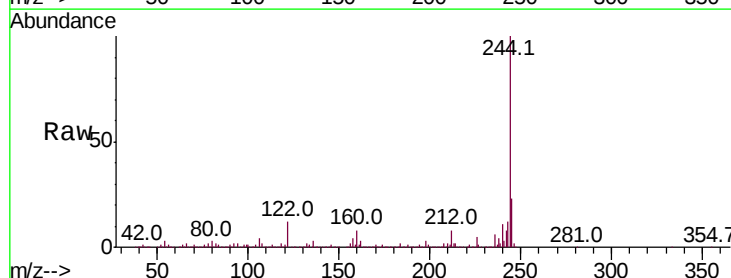
Tgt Ion:244 Resp: 1356142

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

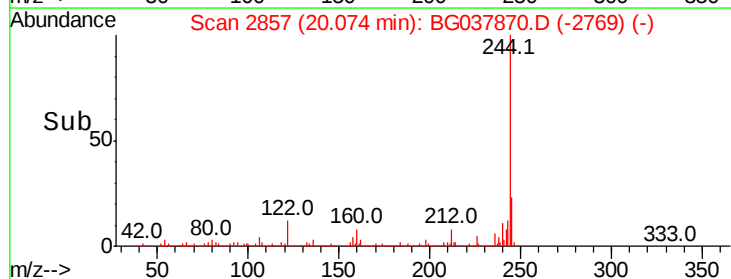
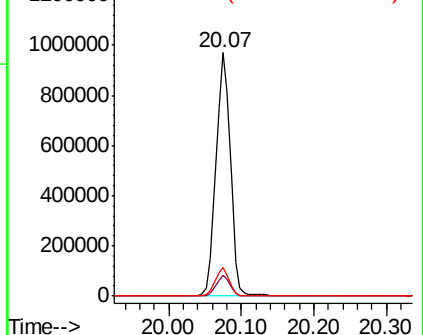
122 11.8 9.0 13.4

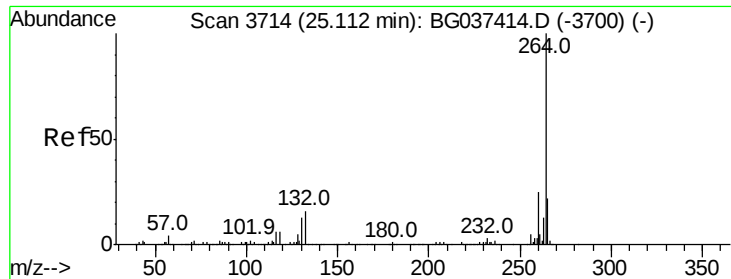


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

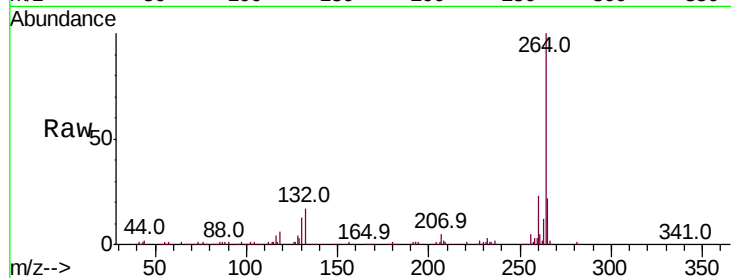




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037870.D
Acq: 7 Nov 2018 18:04

Instrument :
BNA_G
ClientSampleId :
MW-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.6	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

