

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037871.D
 Acq On : 7 Nov 2018 18:42
 Operator : JU/SJ
 Sample : J5822-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Quant Time: Nov 08 15:15:05 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

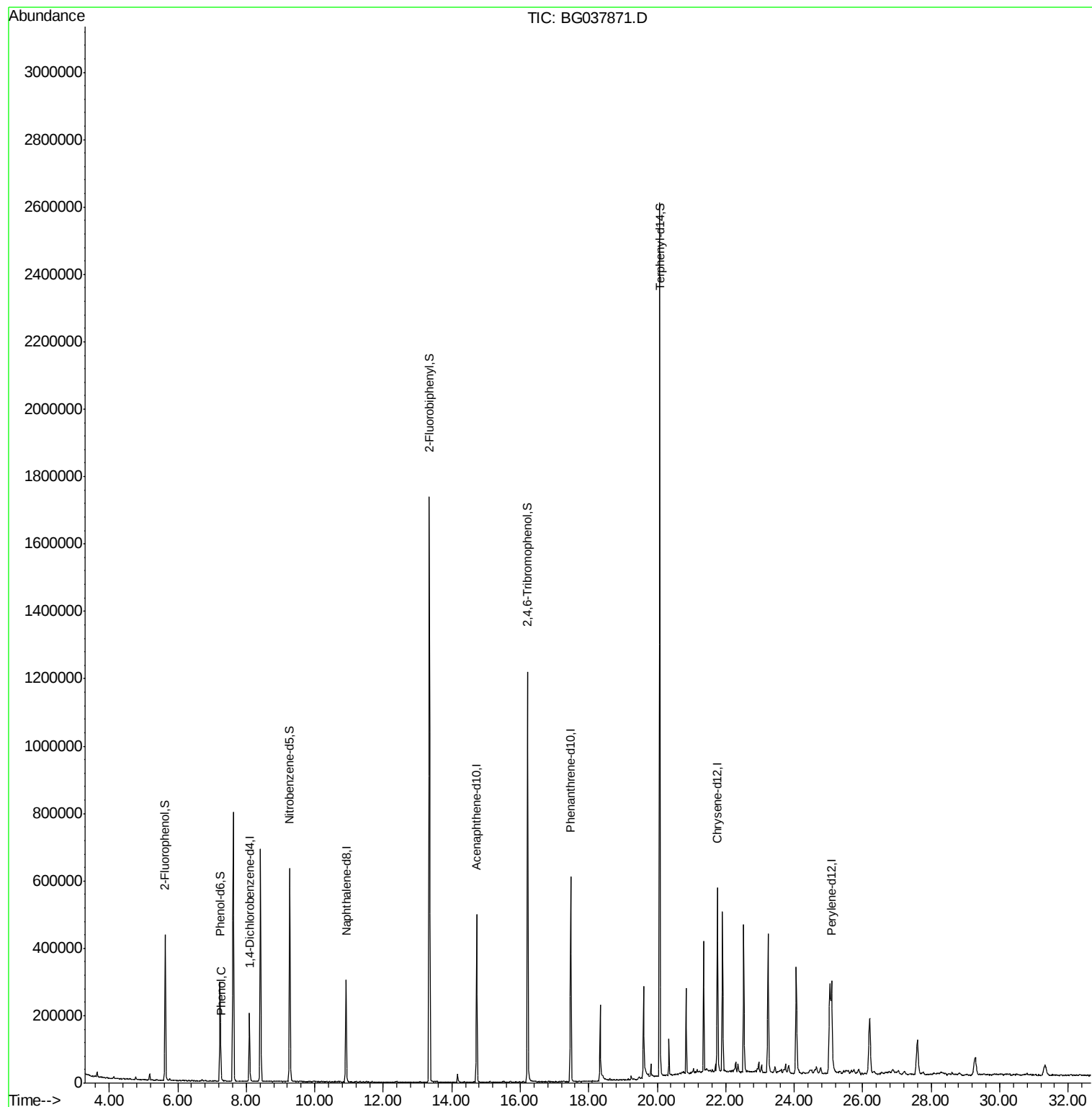
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	60689	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	279325	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	179609	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	394715	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	340725	20.00	ng	-0.02
87) Perylene-d12	25.09	264	325107	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	206779	56.96	ng	-0.01
7) Phenol-d6	7.24	99	194093	35.36	ng	-0.01
23) Nitrobenzene-d5	9.27	82	401339	80.49	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	227129	115.94	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	961748	80.75	ng	-0.02
79) Terphenyl-d14	20.07	244	1235679	77.49	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	18710	3.231	ng	Qvalue 98

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

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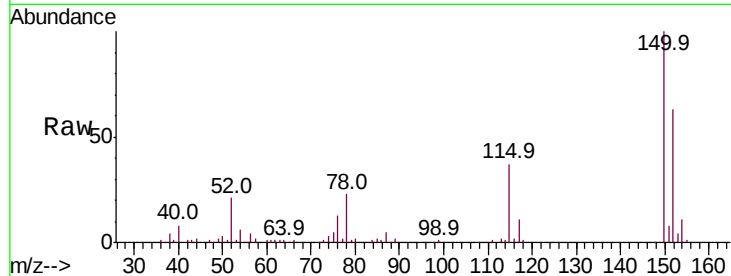


#1

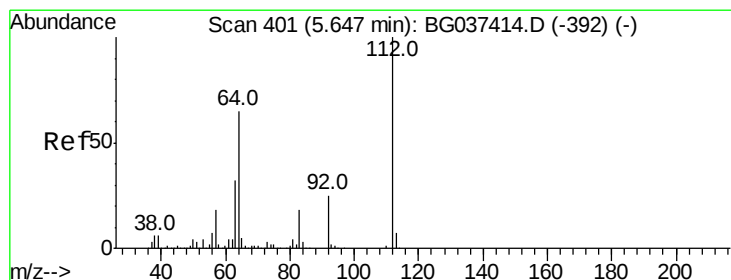
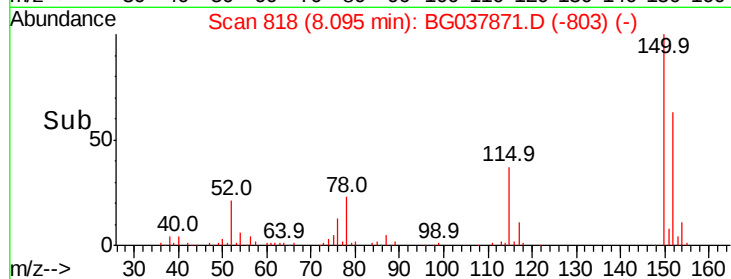
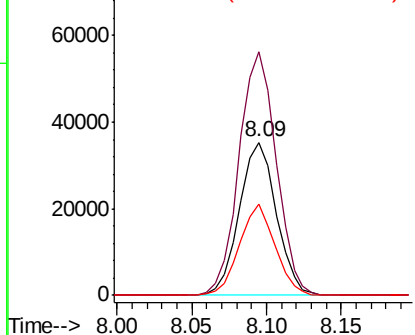
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037871.D
Acq: 7 Nov 2018 18:42

Instrument :
BNA_G
ClientSampleId :
MW-7

Tot Ion:152 Resp: 60689
Ion Ratio Lower Upper
152 100
150 159.1 126.0 189.0
115 59.3 45.5 68.3



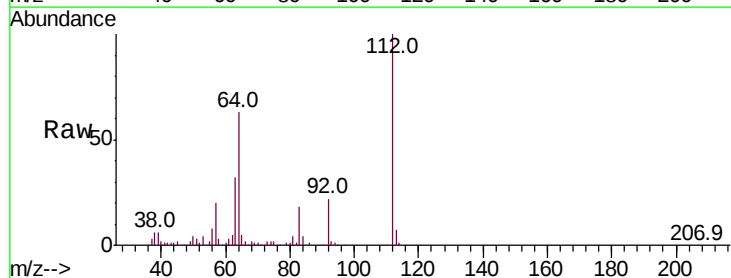
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



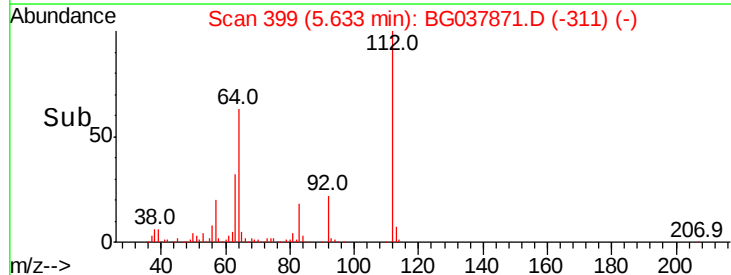
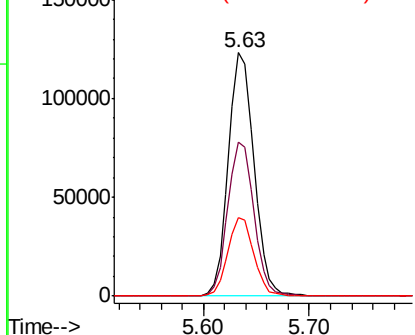
#5

2-Fluorophenol
Concen: 56.963 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037871.D
Acq: 7 Nov 2018 18:42

Tgt Ion:112 Resp: 206779
Ion Ratio Lower Upper
112 100
64 63.2 53.1 79.7
63 32.4 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: 35.360 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037871.D

Acq: 7 Nov 2018 18:42

Instrument :

BNA_G

ClientSampled :

MW-7

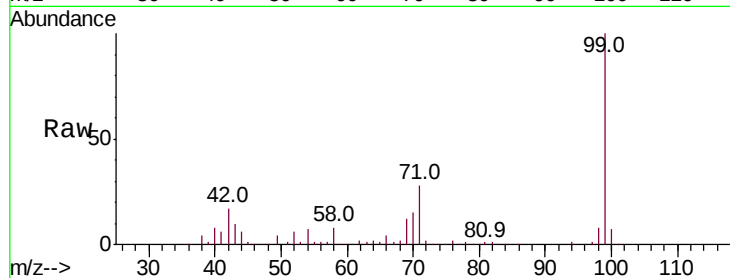
Tot Ion: 99 Resp: 194093

Ion Ratio Lower Upper

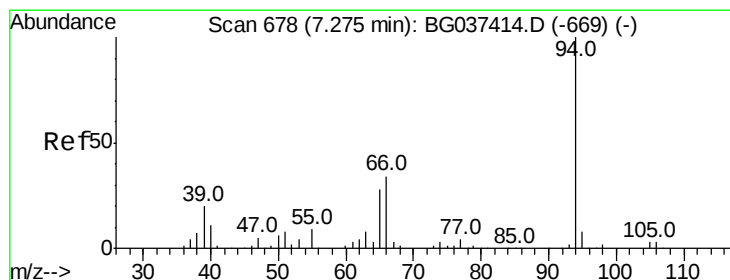
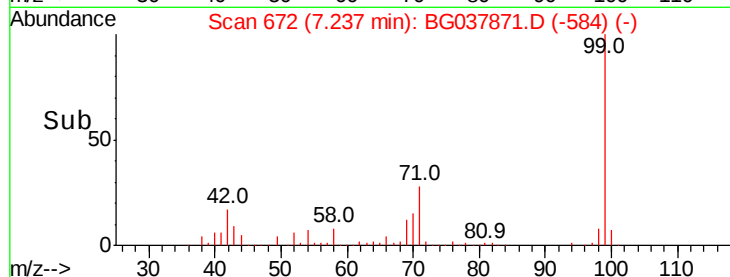
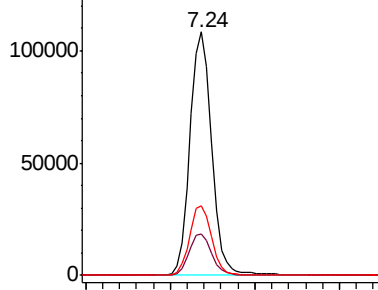
99 100

42 16.9 15.0 22.4

71 28.4 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: 3.231 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037871.D

Acq: 7 Nov 2018 18:42

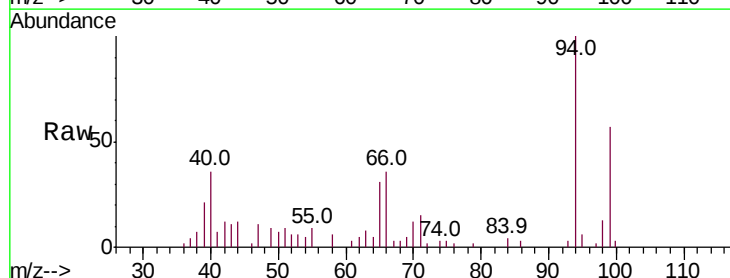
Tgt Ion: 94 Resp: 18710

Ion Ratio Lower Upper

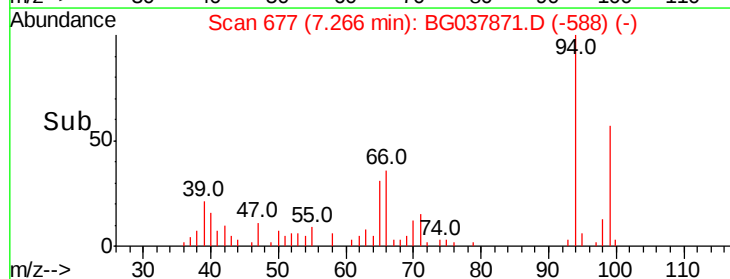
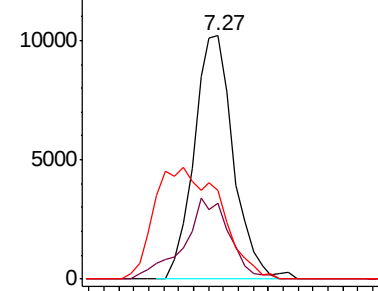
94 100

65 31.3 9.7 49.7

66 36.2 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

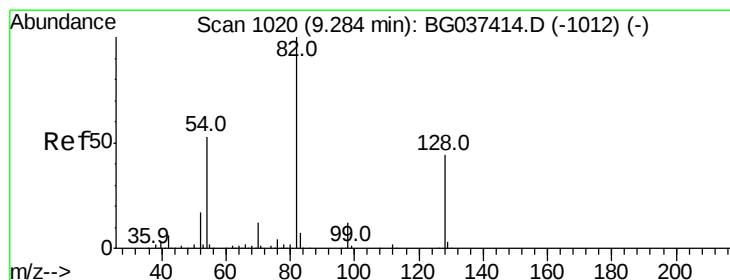
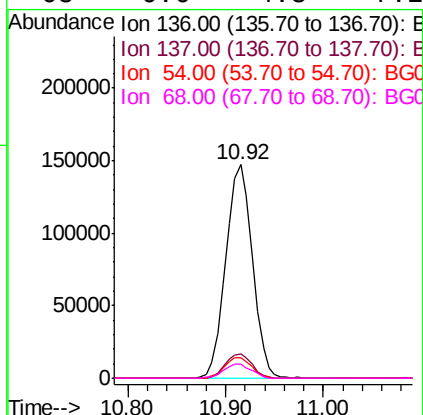
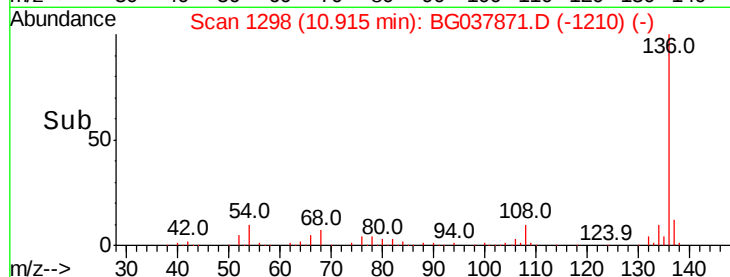
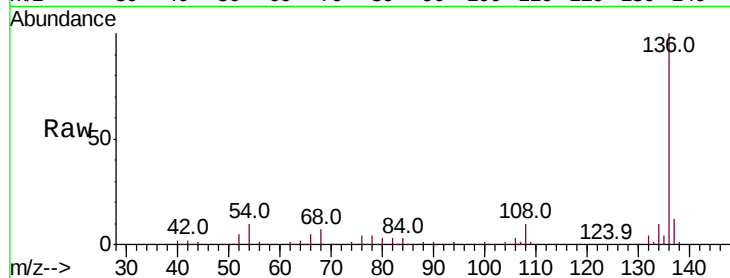




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037871.D
Acq: 7 Nov 2018 18:42

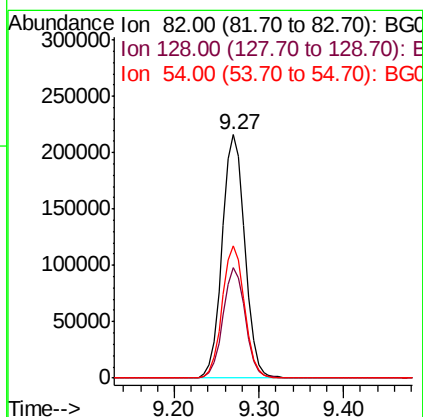
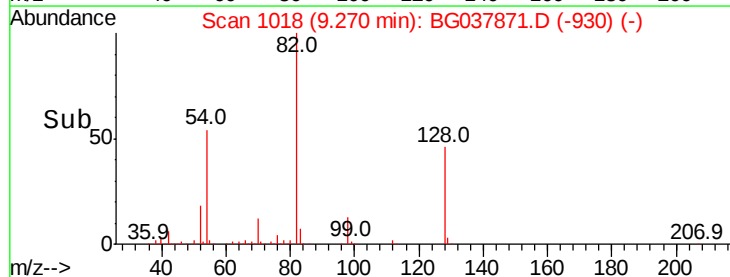
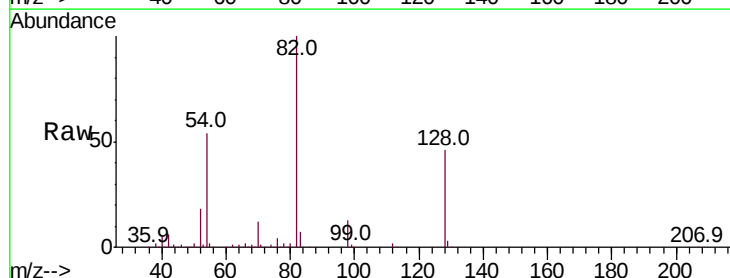
Instrument :
BNA_G
ClientSampleId :
MW-7

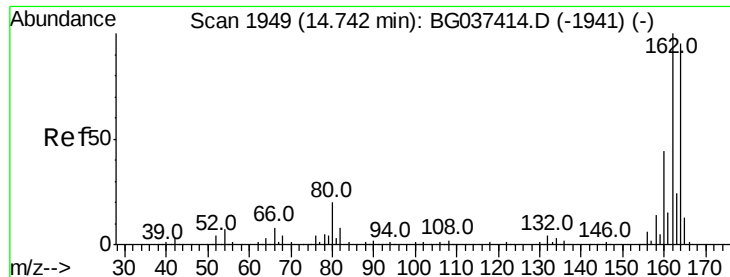
Tot Ion:136	Resp:	279325	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.6	14.4	
54 9.8	7.9	11.9	
68 6.6	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 80.489 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037871.D
Acq: 7 Nov 2018 18:42

Tgt Ion: 82	Resp: 401339
Ion Ratio	Lower Upper
82 100	
128 45.6	34.6 51.8
54 54.3	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: BG037871.D

Acq: 7 Nov 2018 18:42

Instrument :

BNA_G

ClientSampleId :

MW-7

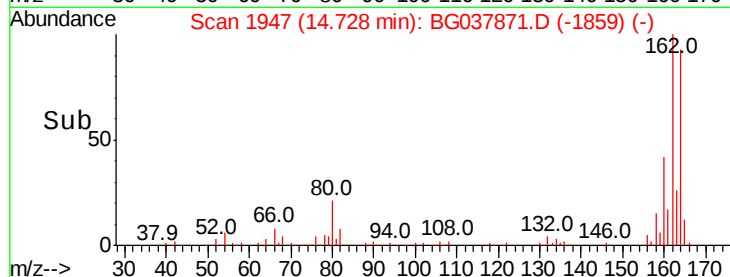
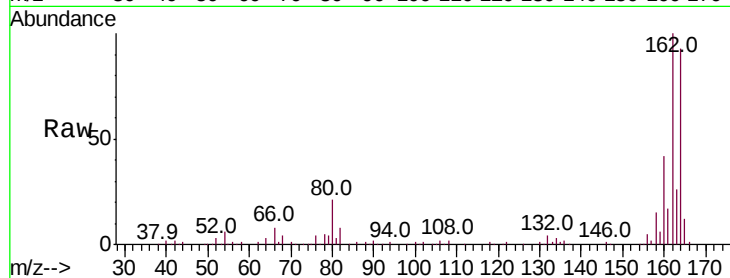
Tot Ion:164 Resp: 179609

Ion Ratio Lower Upper

164 100

162 107.6 81.3 121.9

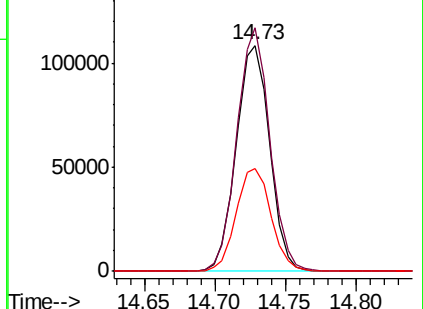
160 45.6 36.3 54.5



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: 115.943 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037871.D

Acq: 7 Nov 2018 18:42

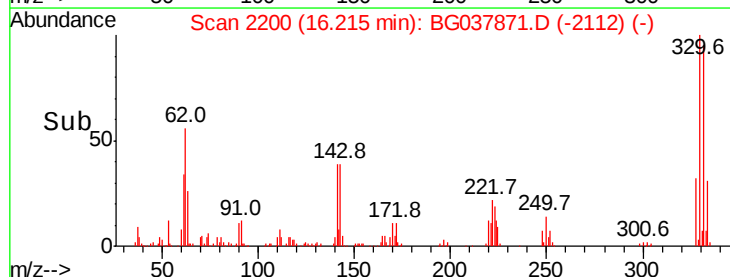
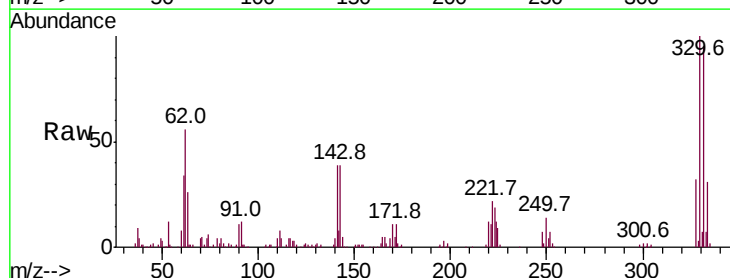
Tgt Ion:330 Resp: 227129

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

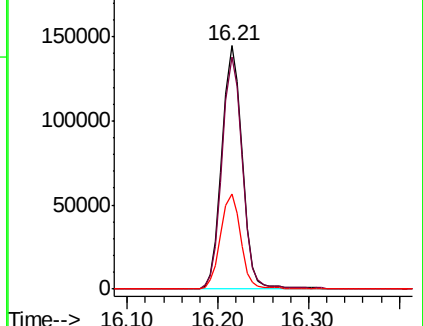
141 38.8 32.2 48.2



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

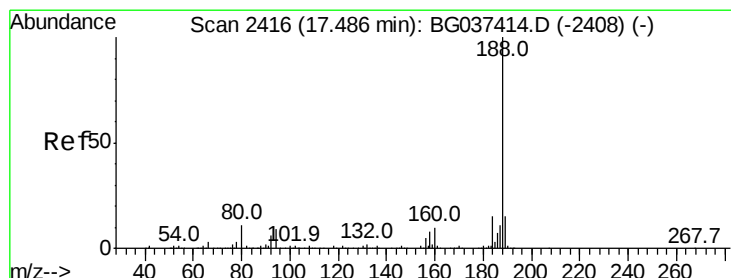
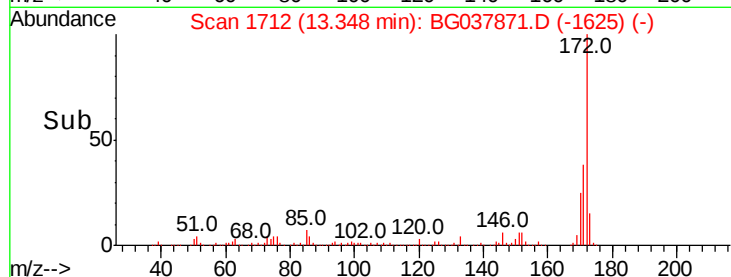
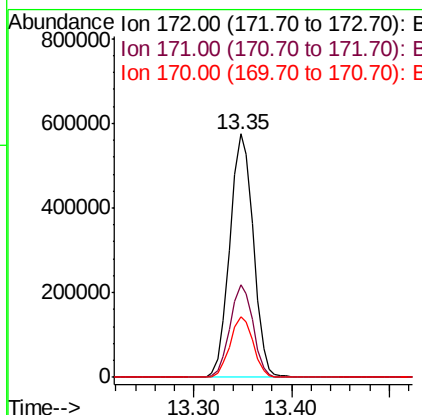
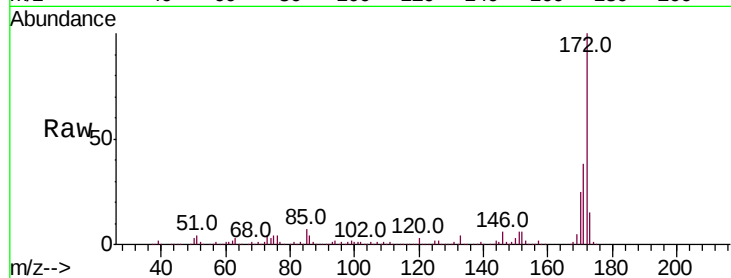




#45
 2-Fluorobiphenyl
 Concen: 80.746 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037871.D
 Acq: 7 Nov 2018 18:42

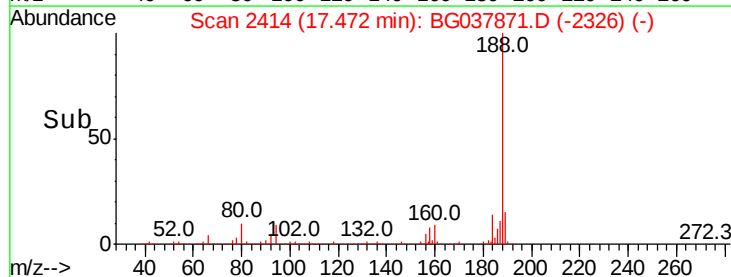
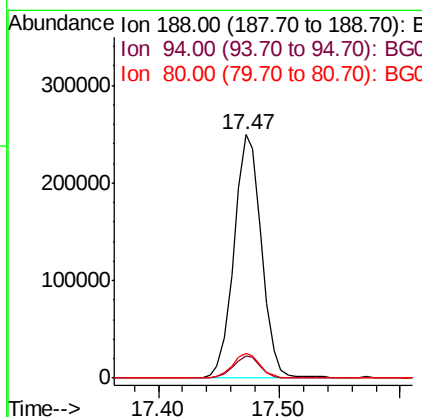
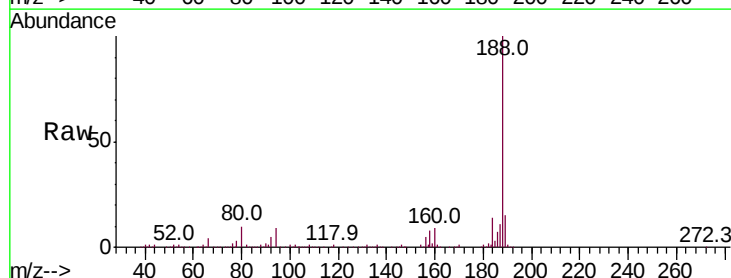
Instrument :
 BNA_G
 ClientSampleId :
 MW-7

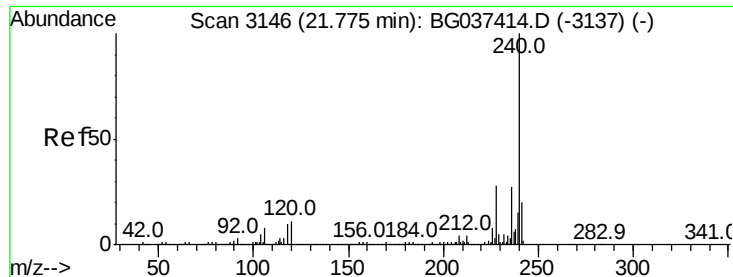
Tot Ion:172 Resp: 961748
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.0 46.4
 170 25.0 20.2 30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037871.D
 Acq: 7 Nov 2018 18:42

Tgt Ion:188 Resp: 394715
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 10.1 7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037871.D

Acq: 7 Nov 2018 18:42

Instrument :

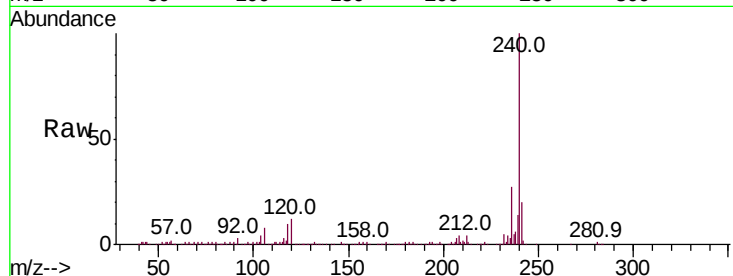
BNA_G

ClientSampleId :

MW-7

Tot Ion:240 Resp: 340725

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.1	12.1
236	27.0	21.4	32.0

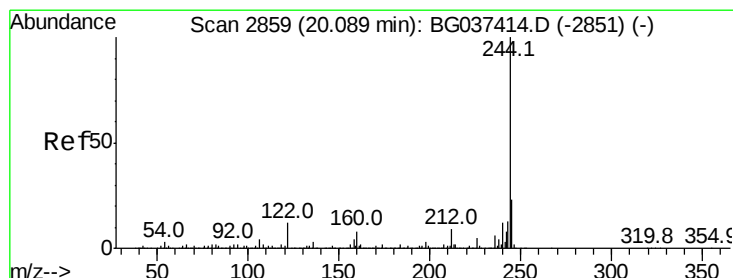
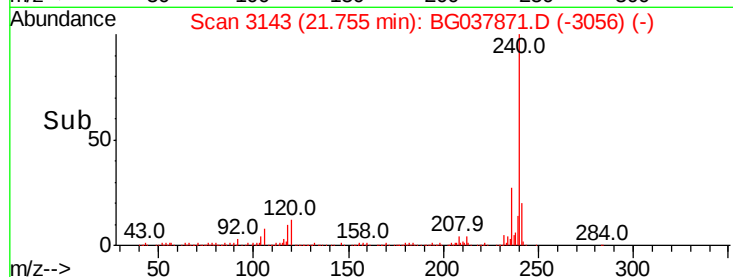
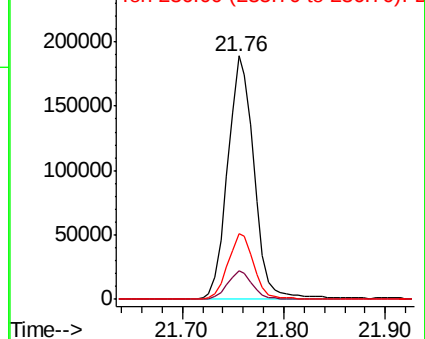


Abundance

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: 77.492 ng

RT: 20.07 min Scan# 2857

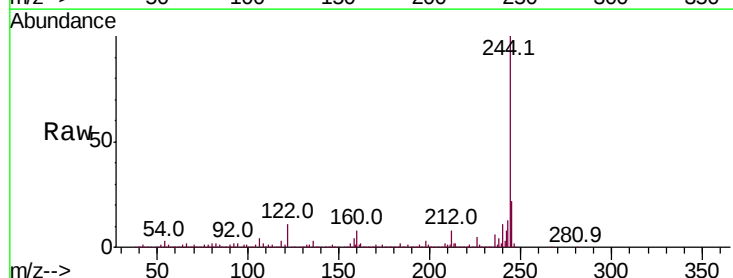
Delta R.T. -0.01 min

Lab File: BG037871.D

Acq: 7 Nov 2018 18:42

Tgt Ion:244 Resp: 1235679

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	10.8	9.0	13.4

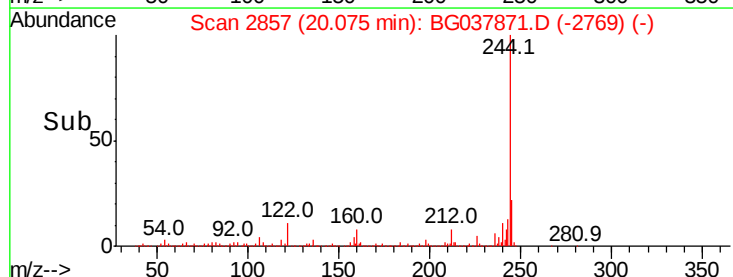
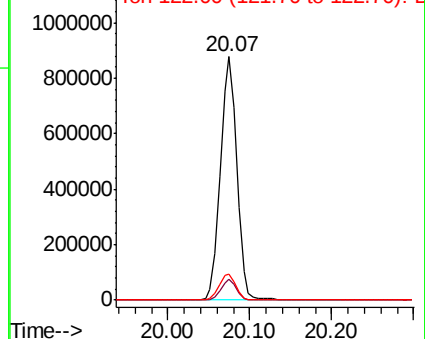


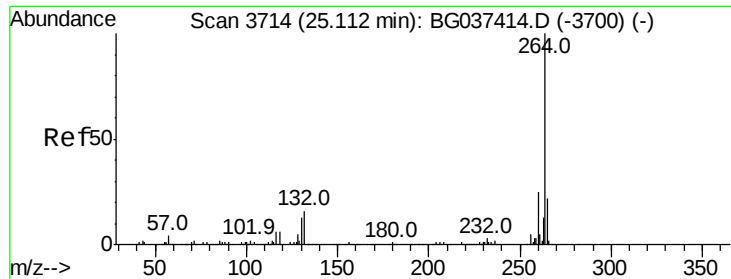
Abundance

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: BG037871.D
Acq: 7 Nov 2018 18:42

Instrument :
BNA_G
ClientSampleId :
MW-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	22.2	17.9	26.9

