

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038462.D
 Acq On : 11 Dec 2018 8:45
 Operator : JU/SJ
 Sample : J6316-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BORING-SAMPLE-CBH-591

Quant Time: Dec 11 10:26:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

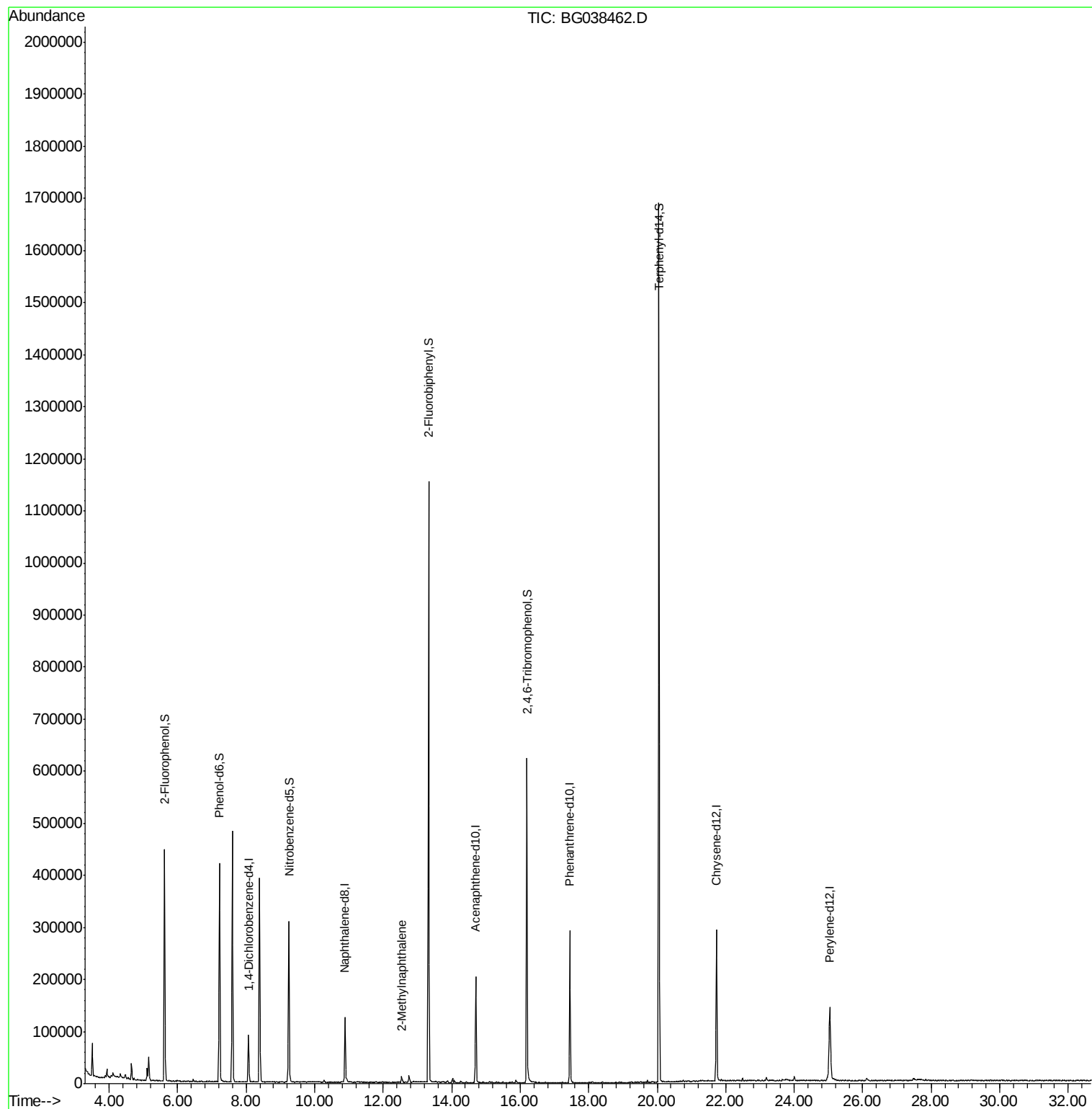
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26525	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	113505	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	75219	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	194203	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	192565	20.00	ng	-0.01
87) Perylene-d12	25.04	264	195089	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	190371	127.01	ng	0.00
7) Phenol-d6	7.22	99	239956	110.76	ng	0.00
23) Nitrobenzene-d5	9.25	82	188125	82.29	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	125489	135.90	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	616562	116.80	ng	0.00
79) Terphenyl-d14	20.05	244	830781	92.42	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.54	142	8128	2.105	ng	Qvalue 98

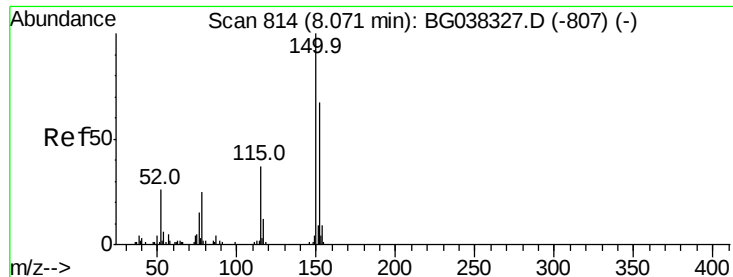
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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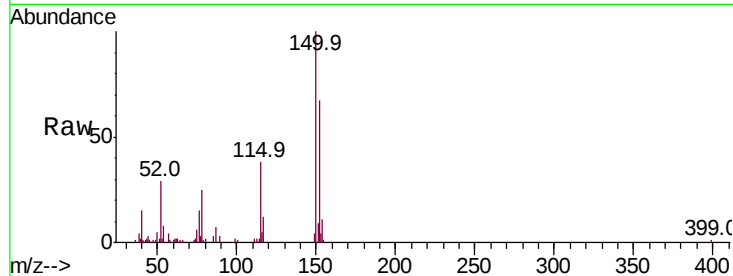


#1

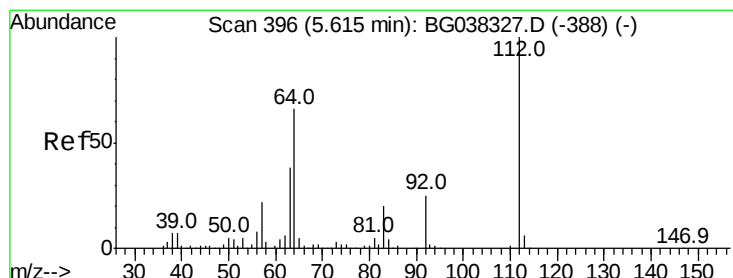
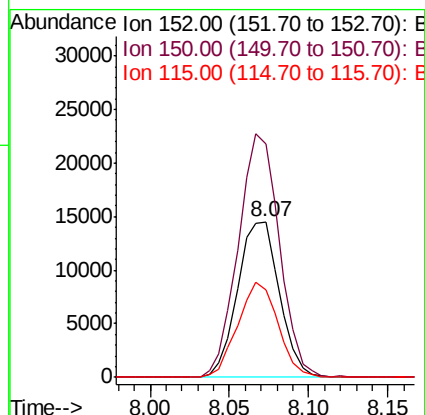
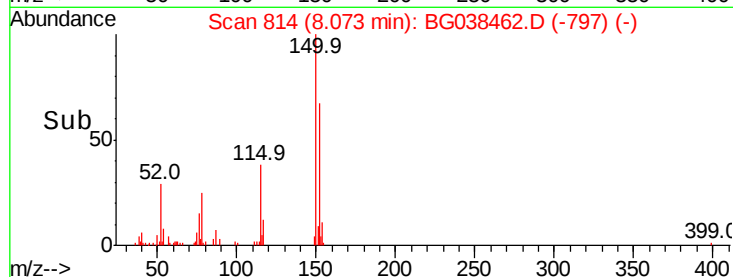
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038462.D
Acq: 11 Dec 2018 8:45

Instrument :
BNA_G
ClientSampleId :
BORING-SAMPLE-CBH-591

Tot Ion:152 Resp: 26525
Ion Ratio Lower Upper
152 100
150 149.7 126.0 189.0
115 56.2 45.5 68.3



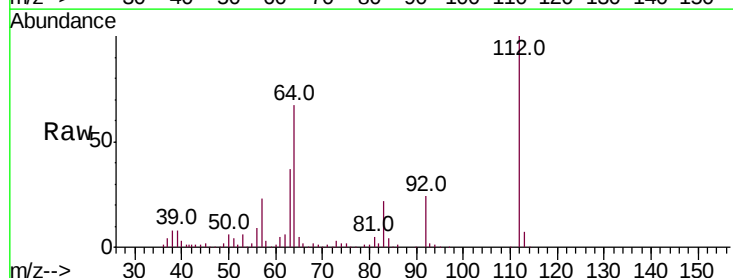
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



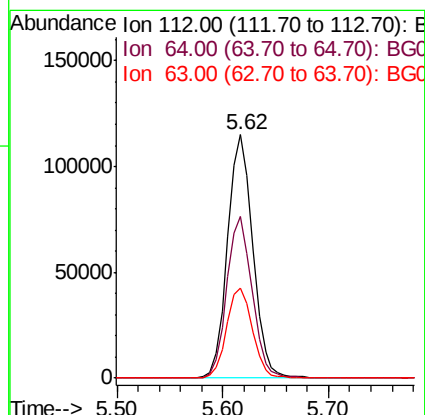
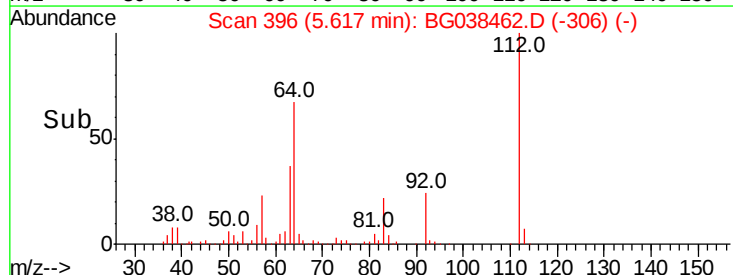
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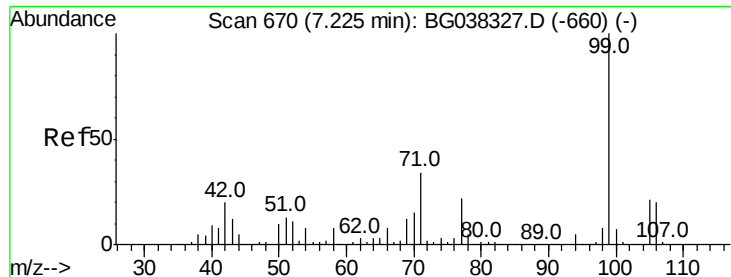
2-Fluorophenol
Concen: 127.008 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038462.D
Acq: 11 Dec 2018 8:45

Tgt Ion:112 Resp: 190371
Ion Ratio Lower Upper
112 100
64 66.6 53.1 79.7
63 37.1 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: 110.763 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038462.D

Acq: 11 Dec 2018 8:45

Instrument :

BNA_G

ClientSampleId :

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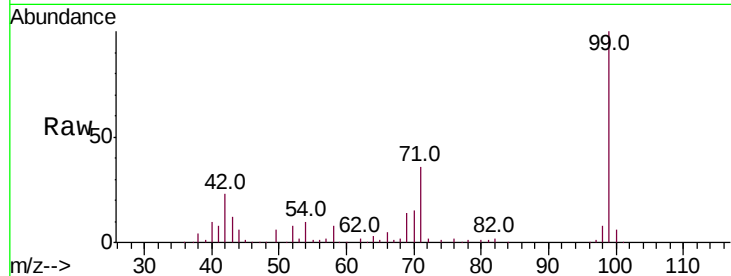
Tot Ion: 99 Resp: 239956

Ion Ratio Lower Upper

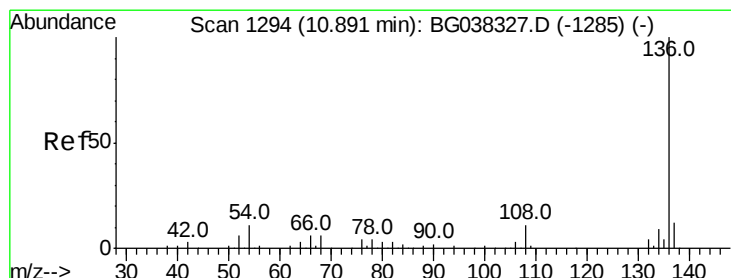
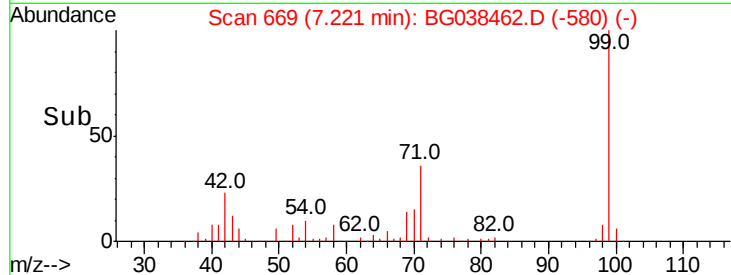
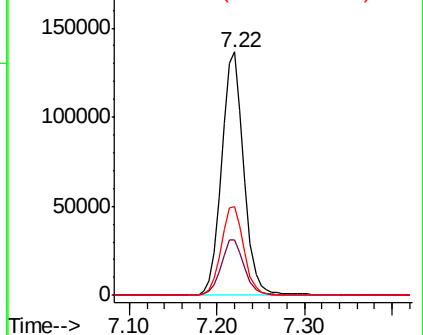
99 100

42 22.9 15.0 22.4#

71 36.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG038462.D

Acq: 11 Dec 2018 8:45

Tgt Ion:136 Resp: 113505

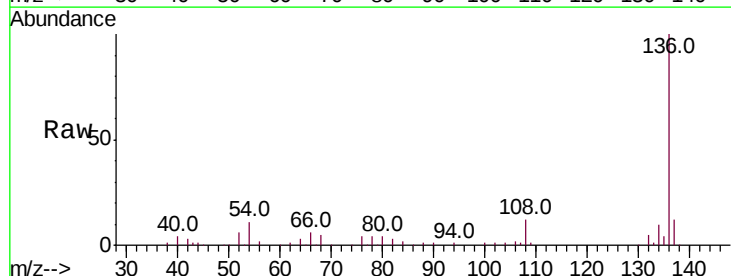
Ion Ratio Lower Upper

136 100

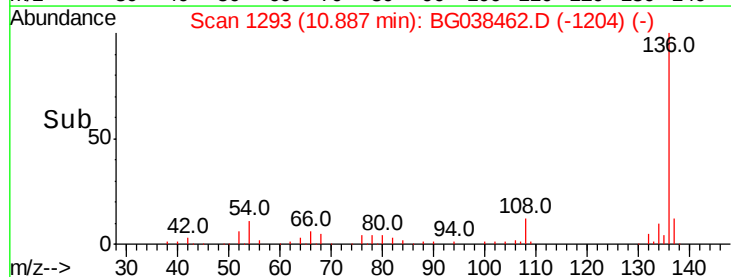
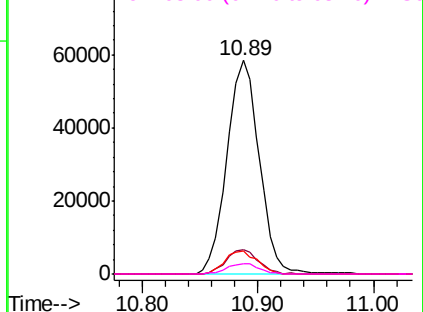
137 11.5 9.6 14.4

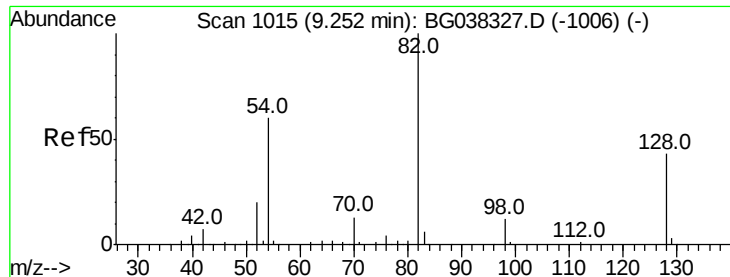
54 10.7 7.9 11.9

68 4.9 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): BGC
Ion 68.00 (67.70 to 68.70): BGC

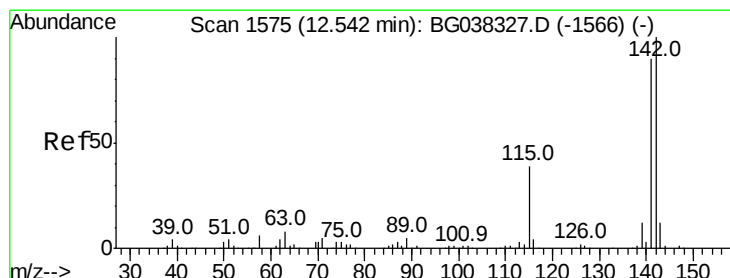
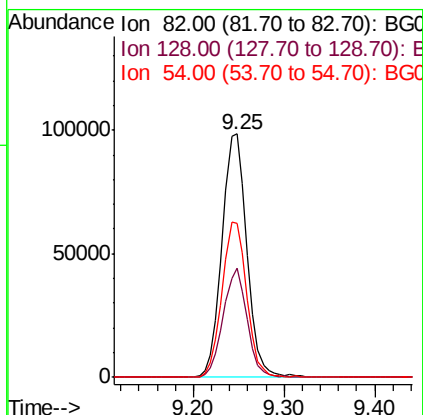
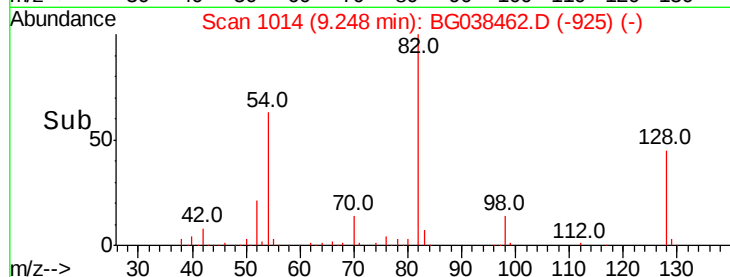
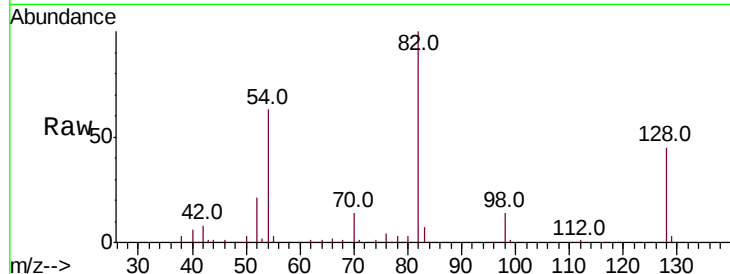




#23
Nitrobenzene-d5
Concen: 82.287 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038462.D
Acq: 11 Dec 2018 8:45

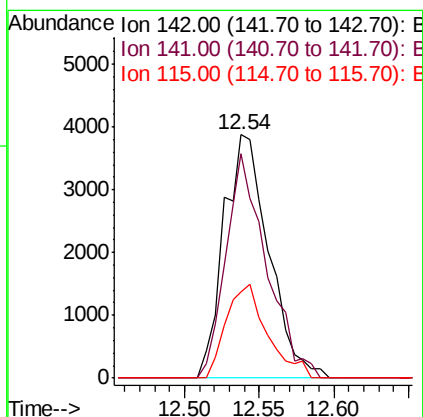
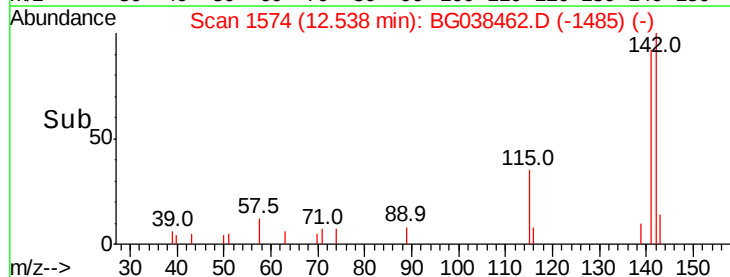
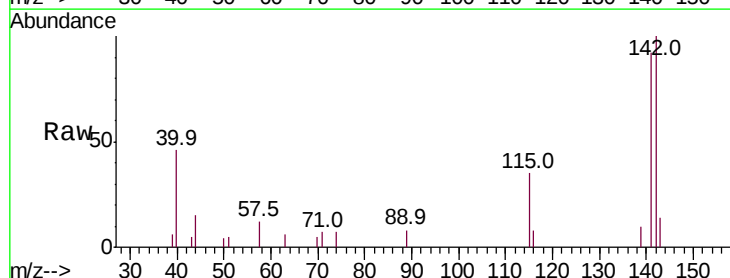
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BORING-SAMPLE-CBH-591

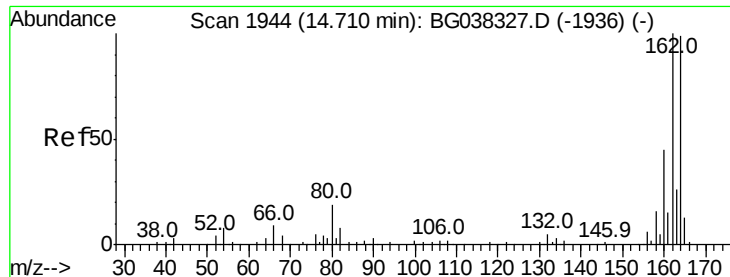
Tot Ion: 82 Resp: 188125
Ion Ratio Lower Upper
82 100
128 45.0 34.6 51.8
54 63.2 45.3 67.9



#37
2-Methylnaphthalene
Concen: 2.105 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG038462.D
Acq: 11 Dec 2018 8:45

Tgt Ion: 142 Resp: 8128
Ion Ratio Lower Upper
142 100
141 92.4 71.9 107.9
115 35.3 27.8 41.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038462.D

Acq: 11 Dec 2018 8:45

Instrument :

BNA_G

ClientSampleId :

BORING-SAMPLE-CBH-591

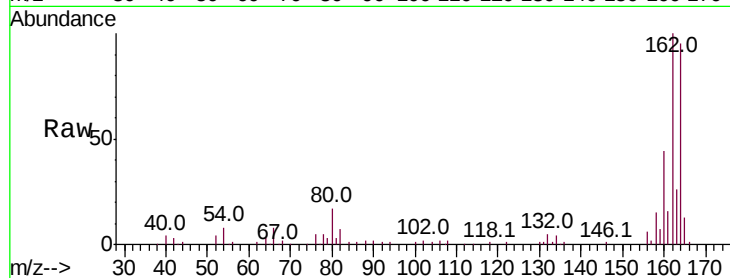
Tot Ion:164 Resp: 75219

Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

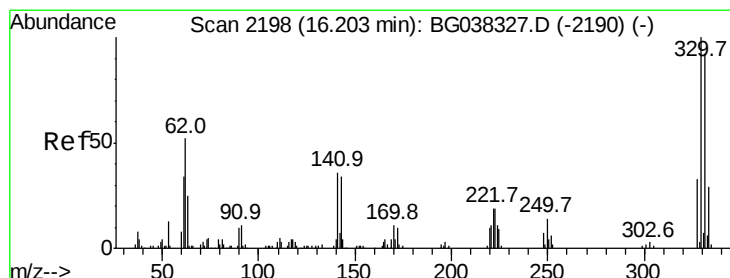
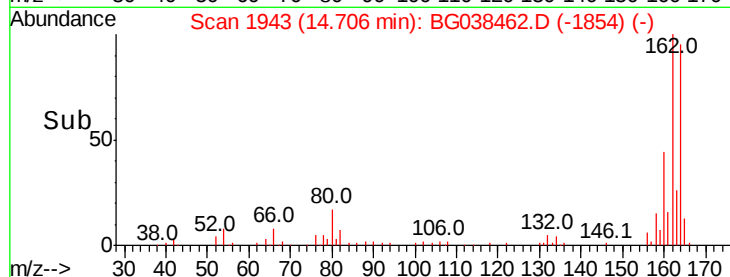
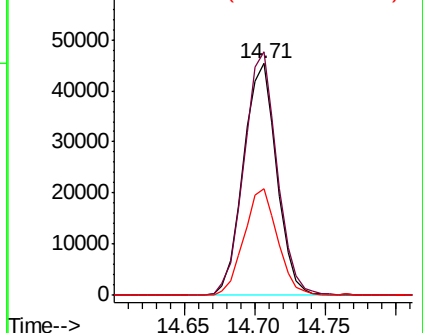
160 46.1 36.3 54.5



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: 135.898 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038462.D

Acq: 11 Dec 2018 8:45

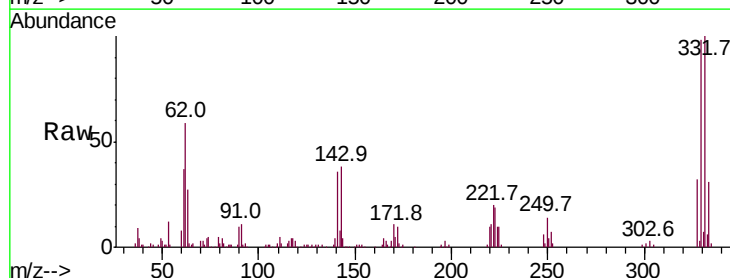
Tgt Ion:330 Resp: 125489

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

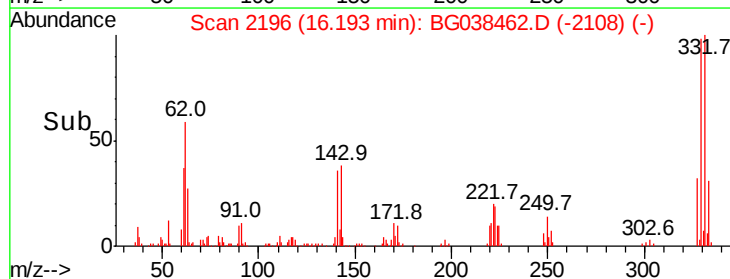
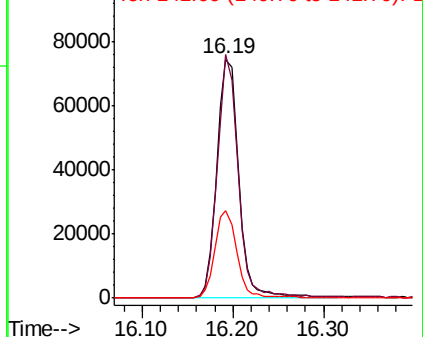
141 37.1 32.2 48.2

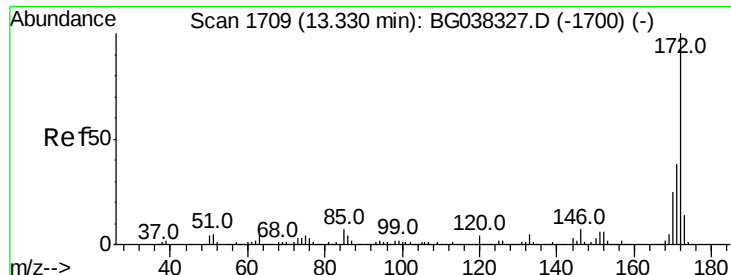


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

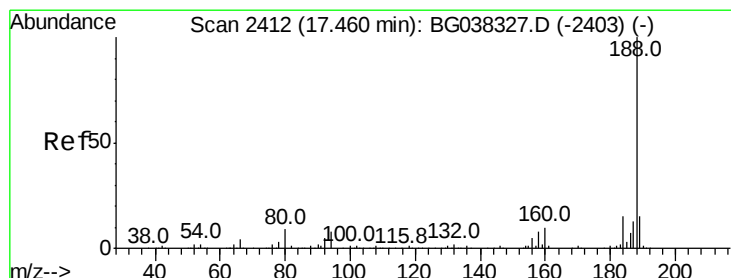
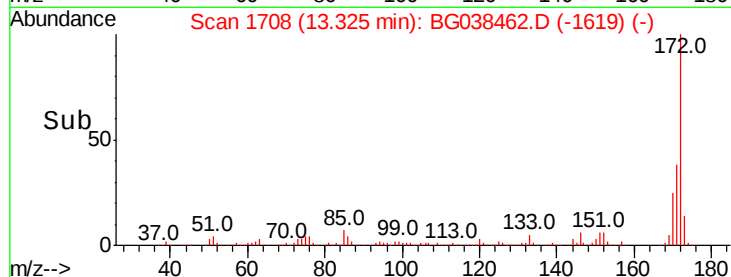
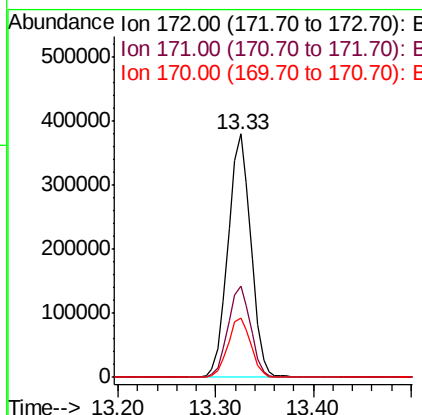
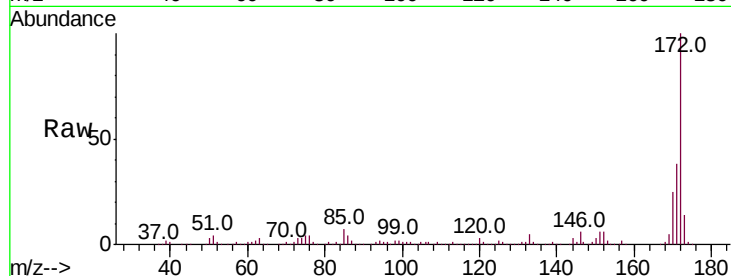




#45
 2-Fluorobiphenyl
 Concen: 116.799 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038462.D
 Acq: 11 Dec 2018 8:45

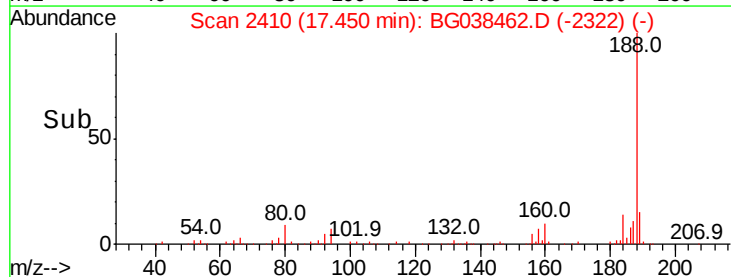
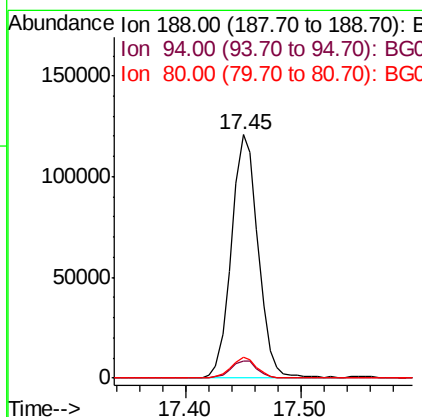
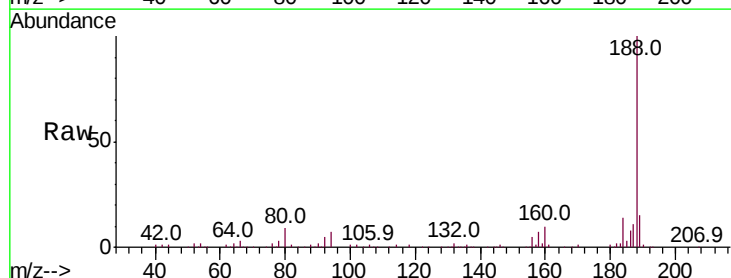
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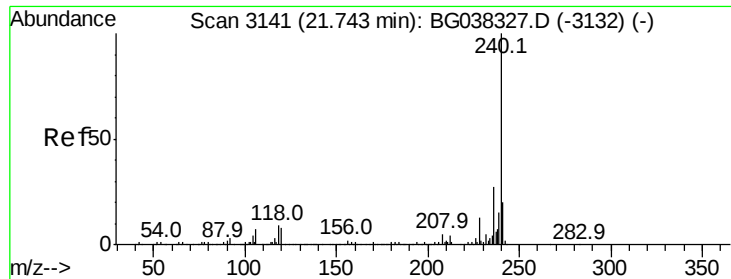
Tot Ion:172 Resp: 616562
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.0 46.4
 170 24.6 20.2 30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038462.D
 Acq: 11 Dec 2018 8:45

Tgt Ion:188 Resp: 194203
 Ion Ratio Lower Upper
 188 100
 94 6.9 7.2 10.8#
 80 8.6 7.7 11.5

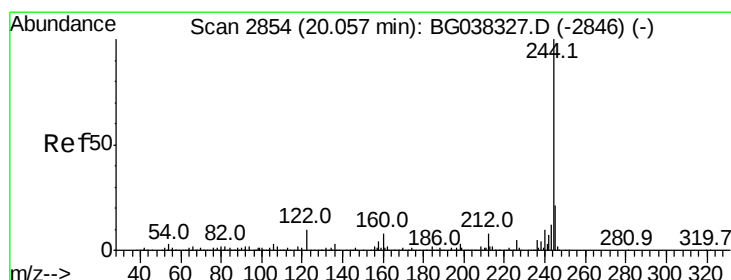
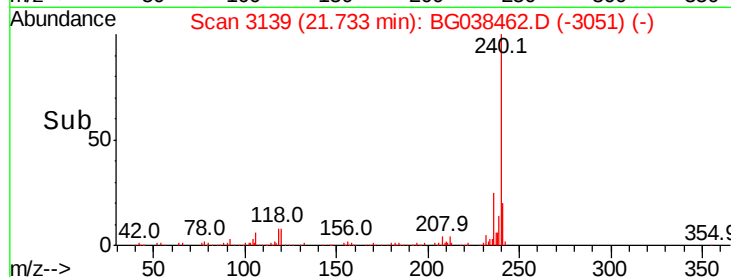
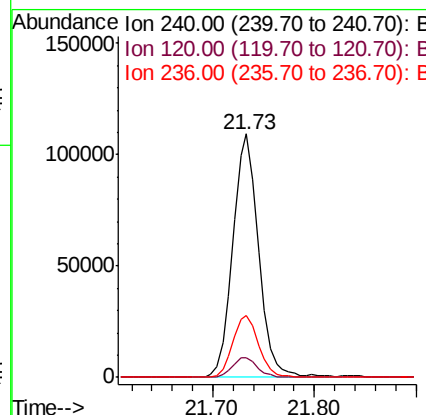
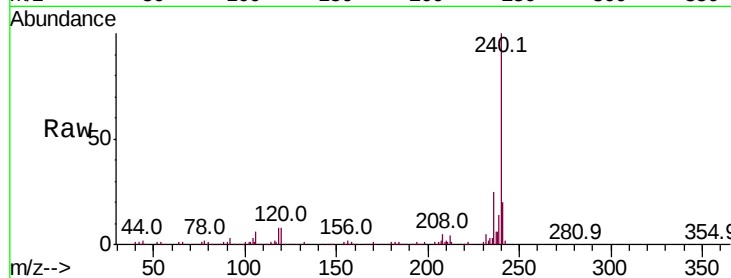




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038462.D
 Acq: 11 Dec 2018 8:45

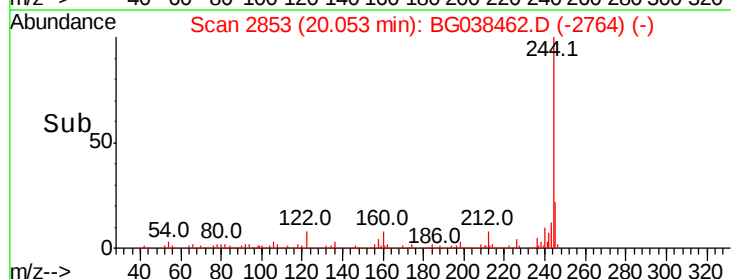
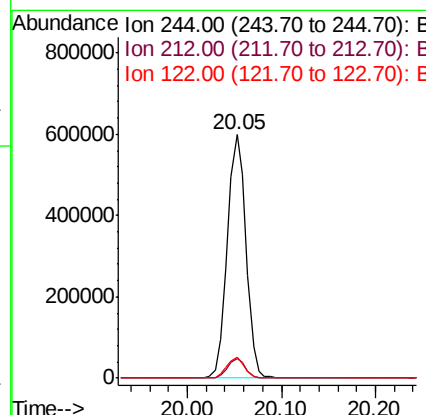
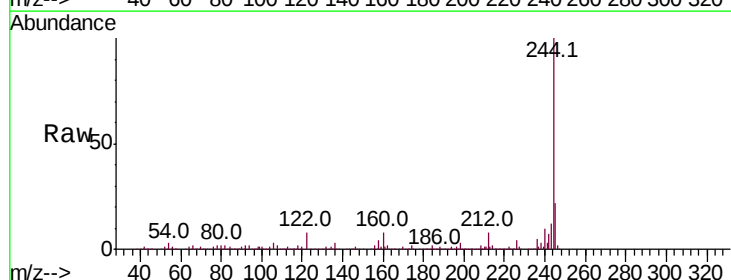
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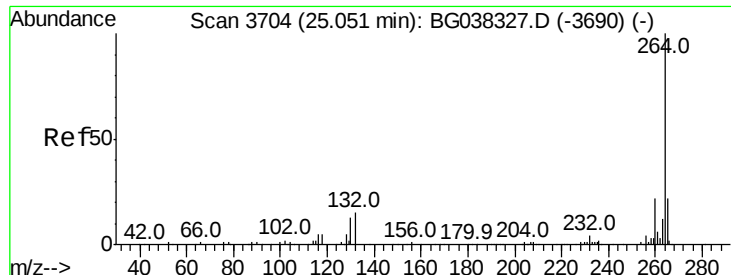
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	8.1	12.1
236	25.5	21.4	32.0



#79
 Terphenyl-d14
 Concen: 92.423 ng
 RT: 20.05 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BG038462.D
 Acq: 11 Dec 2018 8:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	8.3	9.0	13.4#

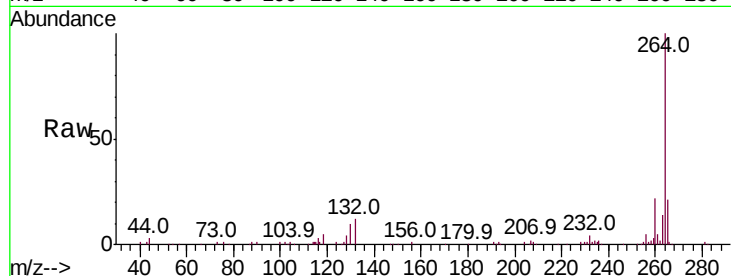




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3702
 Delta R.T. -0.01 min
 Lab File: BG038462.D
 Acq: 11 Dec 2018 8:45

Instrument :
 BNA_G
 ClientSampleId :
 BORING-SAMPLE-CBH-591

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	20.6	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

