

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041229.D
 Acq On : 13 Jun 2019 18:53
 Operator : HP/JU
 Sample : K3309-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LF001MW002-190610

Quant Time: Jun 14 09:02:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

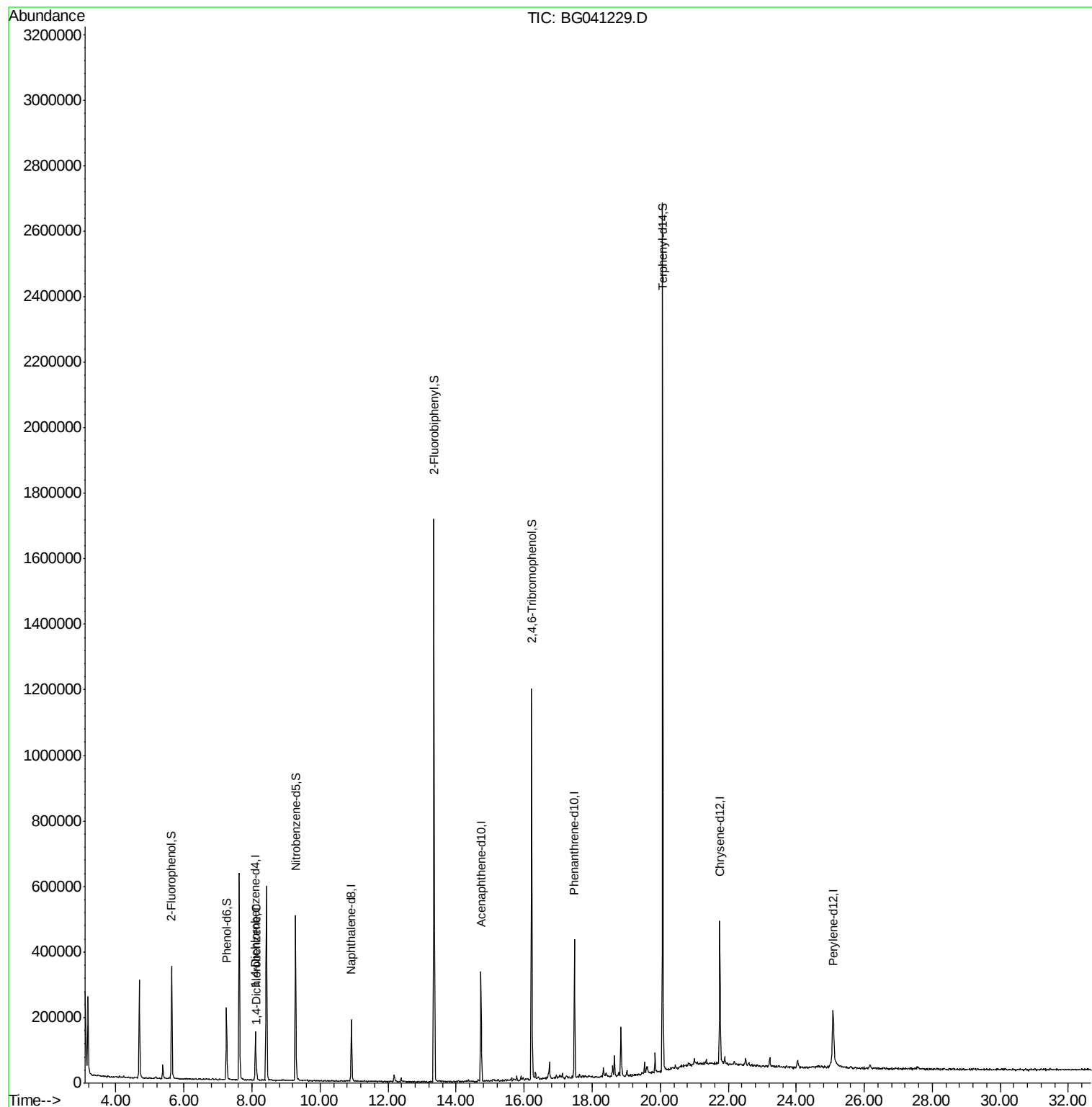
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	38994	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	157395	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	112965	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	270413	20.00	ng	0.00
76) Chrysene-d12	21.75	240	275191	20.00	ng	0.00
87) Perylene-d12	25.09	264	255268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	135724	62.76	ng	0.00
7) Phenol-d6	7.25	99	125125	37.47	ng	0.00
23) Nitrobenzene-d5	9.28	82	307146	86.63	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	216682	129.20	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	703720	89.71	ng	0.00
79) Terphenyl-d14	20.07	244	1202561	92.74	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	8.14	146	11095	3.560	ng	Qvalue 90

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

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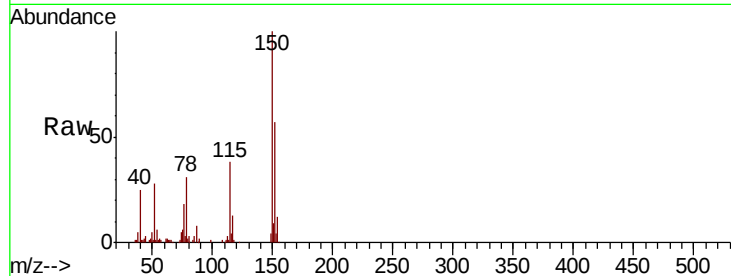


#1

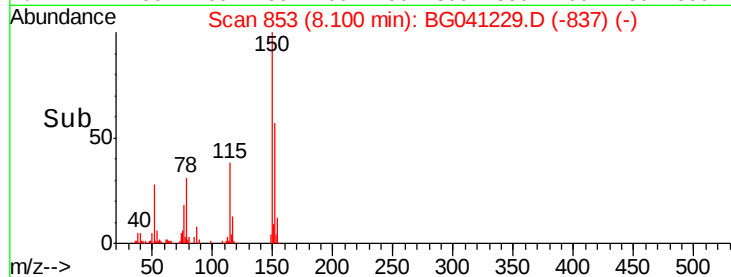
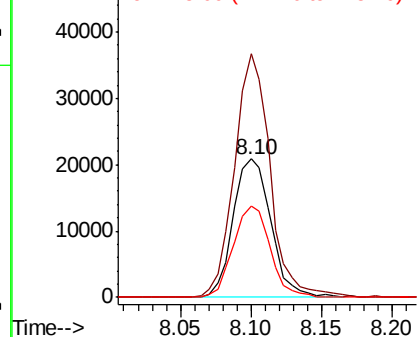
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BG041229.D
Acq: 13 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
LF001MW002-190610

Tot Ion:152 Resp: 38994
Ion Ratio Lower Upper
152 100
150 175.7 120.6 180.8
115 66.0 45.1 67.7



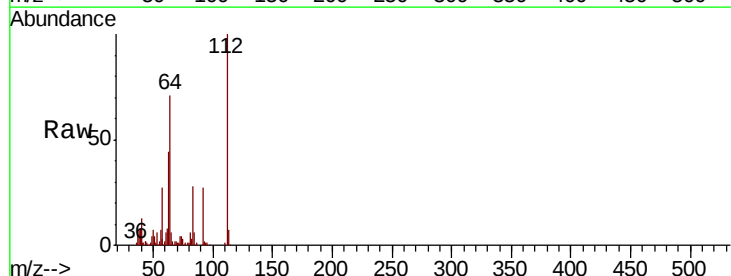
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



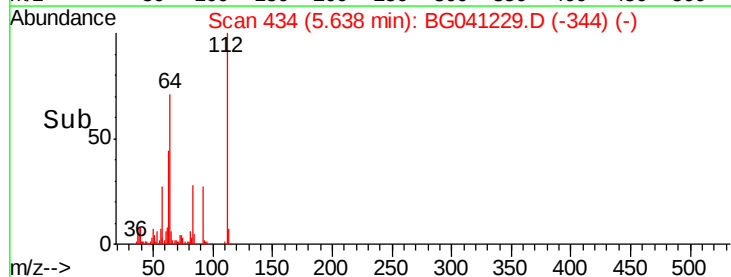
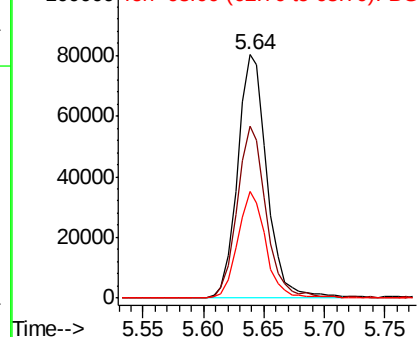
#5

2-Fluorophenol
Concen: 62.763 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041229.D
Acq: 13 Jun 2019 18:53

Tgt Ion:112 Resp: 135724
Ion Ratio Lower Upper
112 100
64 70.6 56.2 84.2
63 43.6 32.8 49.2



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: 37.466 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041229.D

Acq: 13 Jun 2019 18:53

Instrument :

BNA_G

ClientSampleId :

LF001MW002-190610

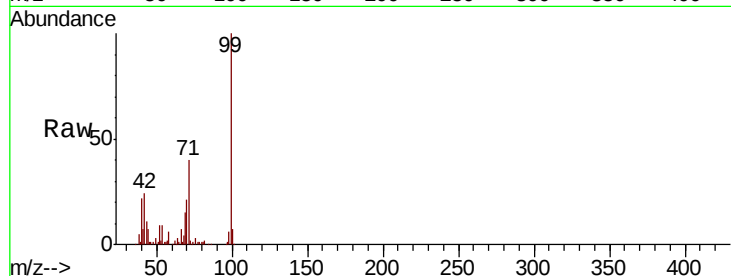
Tot Ion: 99 Resp: 125125

Ion Ratio Lower Upper

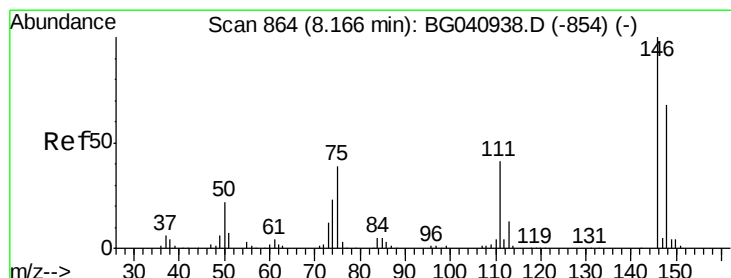
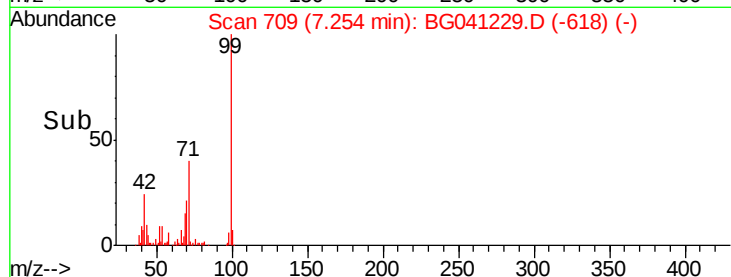
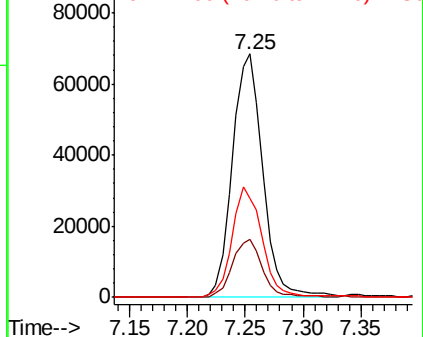
99 100

42 23.9 17.9 26.9

71 40.4 35.4 53.0



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



#13

1,4-Dichlorobenzene

Concen: 3.560 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG041229.D

Acq: 13 Jun 2019 18:53

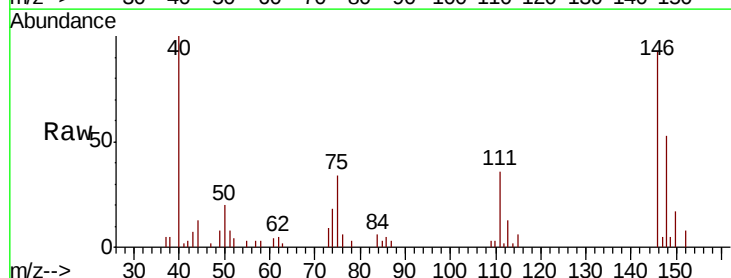
Tgt Ion: 146 Resp: 11095

Ion Ratio Lower Upper

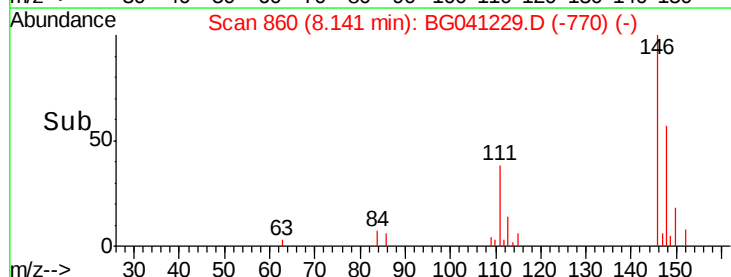
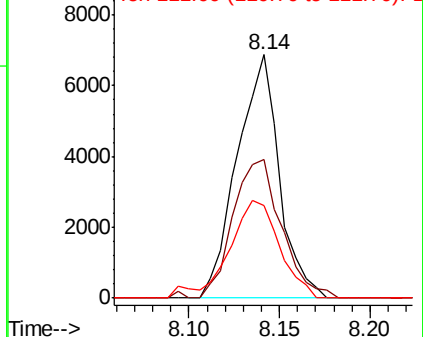
146 100

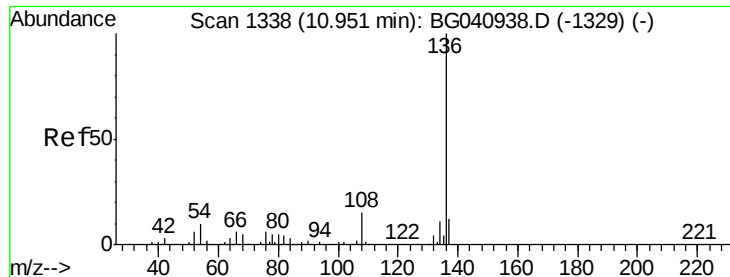
148 56.9 54.2 81.4

111 38.2 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

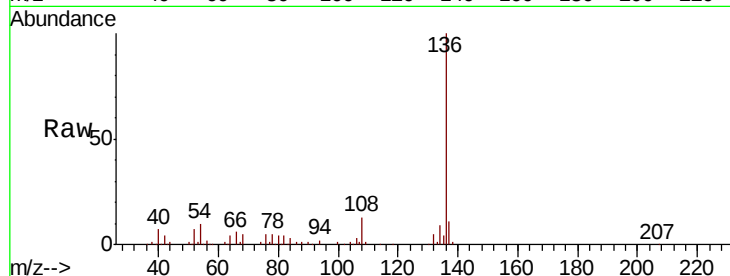




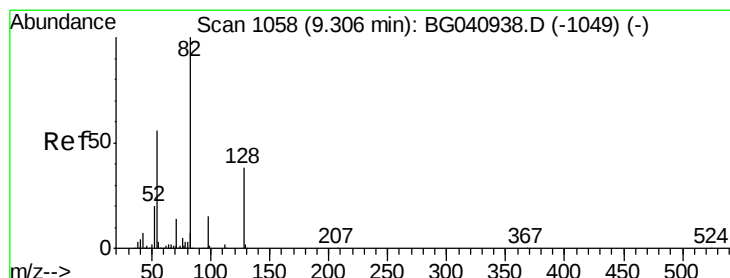
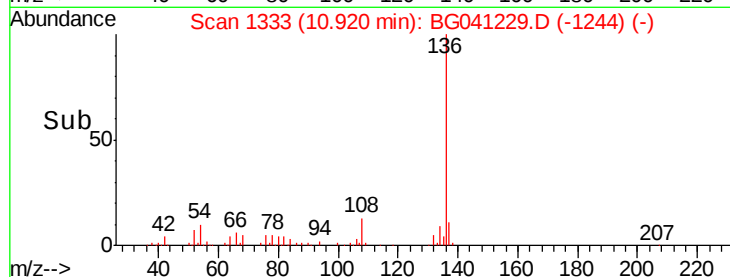
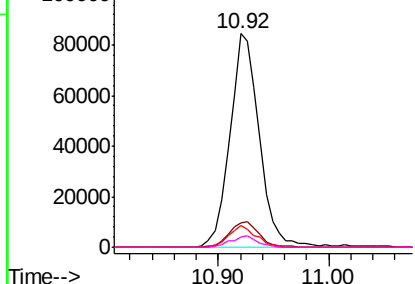
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG041229.D
Acq: 13 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
LF001MW002-190610

Tot Ion:136	Resp:	157395
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.5 14.3
54	9.9	7.6 11.4
68	4.6	3.9 5.9

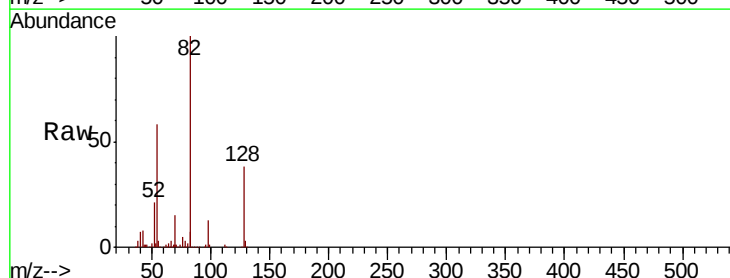


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

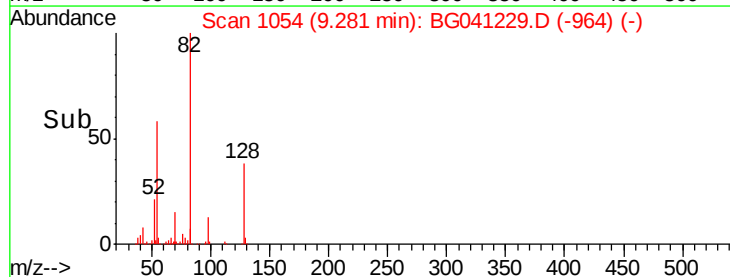
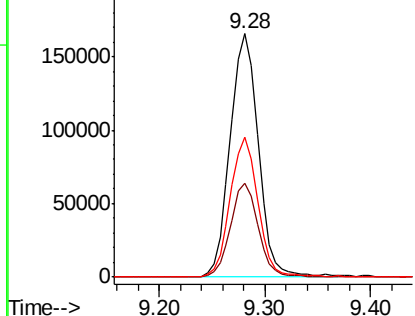


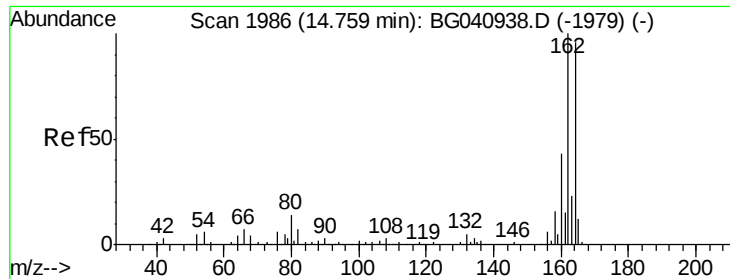
#23
Nitrobenzene-d5
Concen: 86.631 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041229.D
Acq: 13 Jun 2019 18:53

Tgt Ion: 82	Resp:	307146
Ion Ratio	Lower	Upper
82	100	
128	38.4	30.5 45.7
54	57.5	44.6 66.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG041229.D

Acq: 13 Jun 2019 18:53

Instrument :

BNA_G

ClientSampleId :

LF001MW002-190610

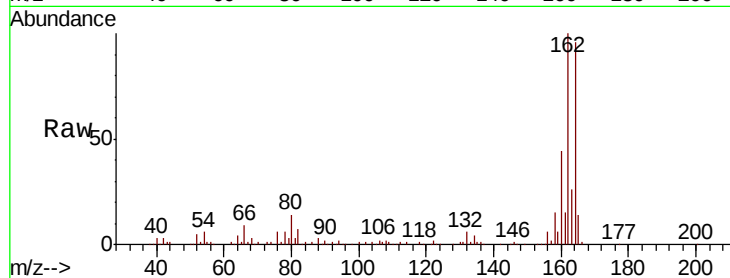
Tot Ion:164 Resp: 112965

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.4

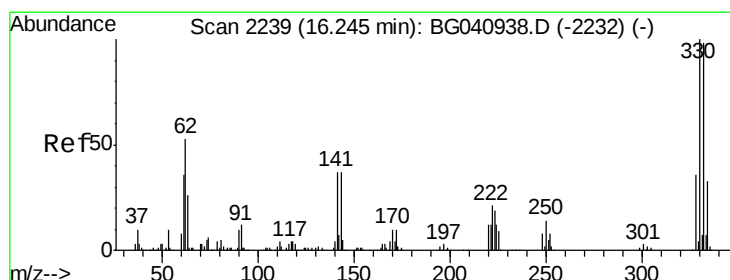
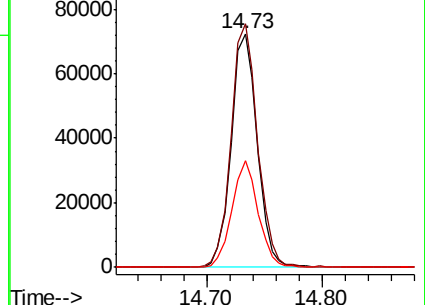
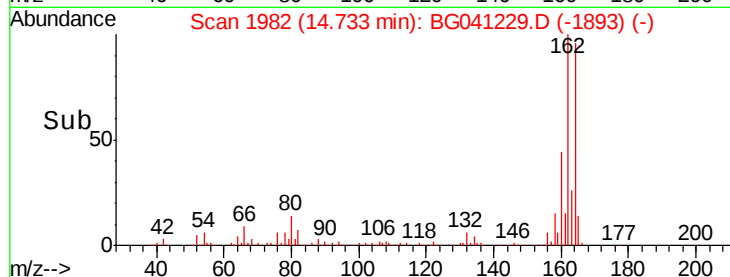
160 45.9 35.6 53.4



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: 129.205 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BG041229.D

Acq: 13 Jun 2019 18:53

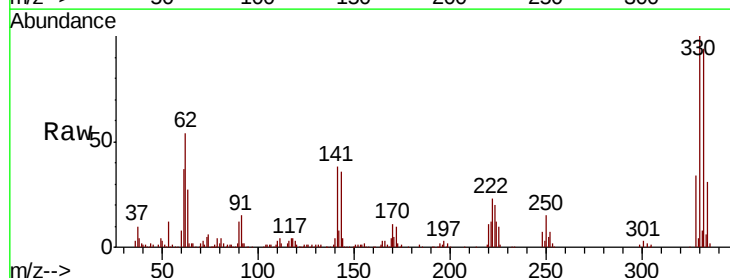
Tgt Ion:330 Resp: 216682

Ion Ratio Lower Upper

330 100

332 95.3 78.5 117.7

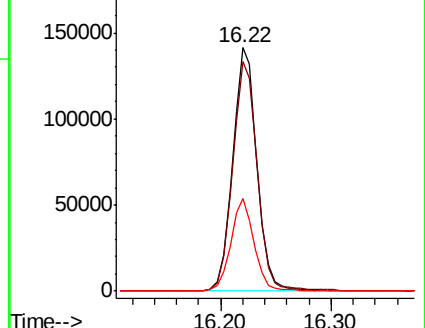
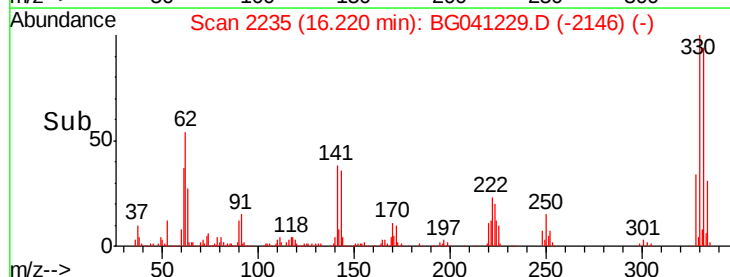
141 36.5 28.7 43.1

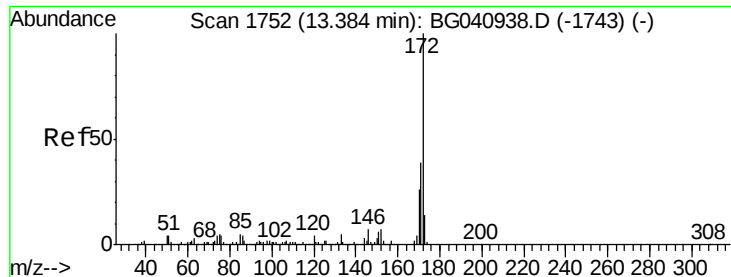


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

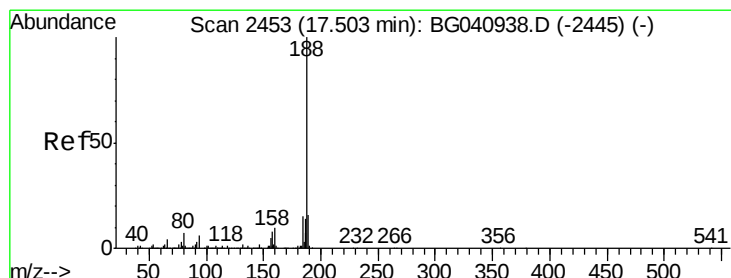
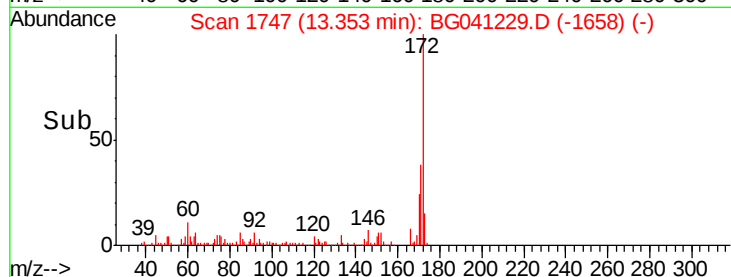
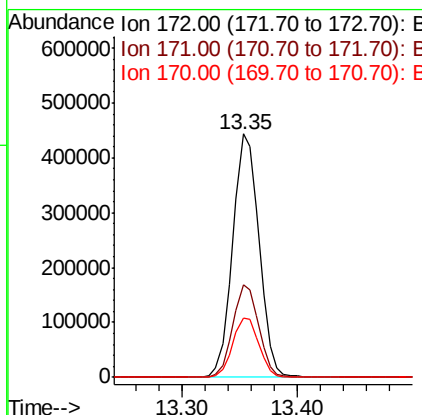
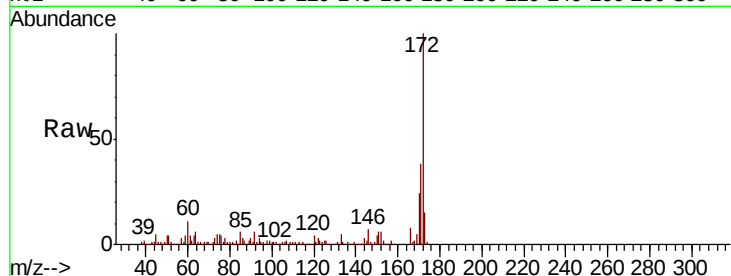




#45
 2-Fluorobiphenyl
 Concen: 89.712 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG041229.D
 Acq: 13 Jun 2019 18:53

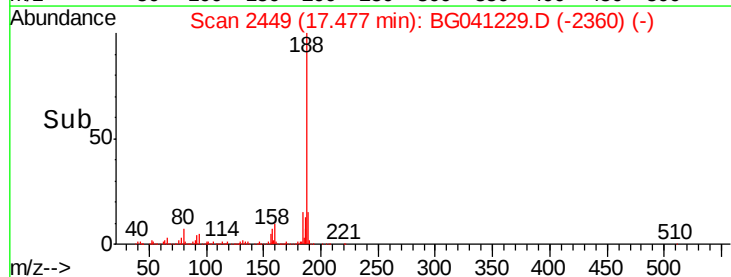
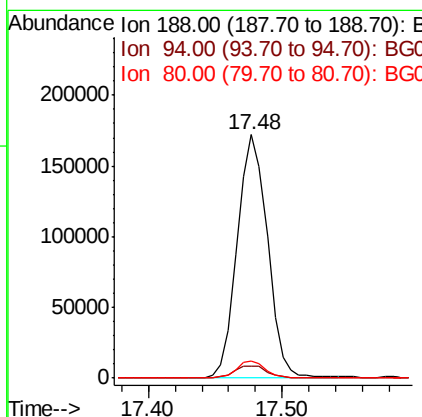
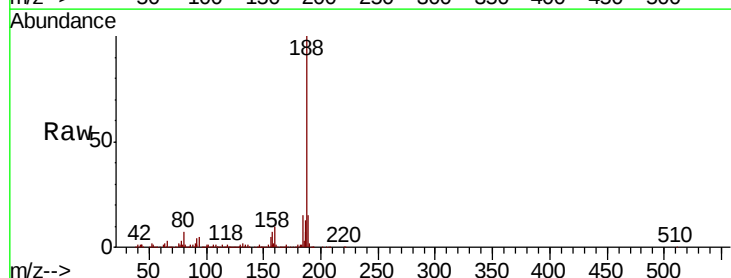
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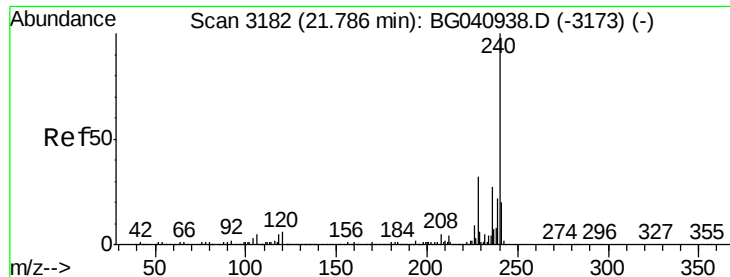
Tot Ion:	172	Resp:	703720
Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	24.5	20.5	30.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG041229.D
 Acq: 13 Jun 2019 18:53

Tgt Ion:	188	Resp:	270413
Ion	Ratio	Lower	Upper
188	100		
94	4.8	4.7	7.1
80	6.8	5.8	8.8

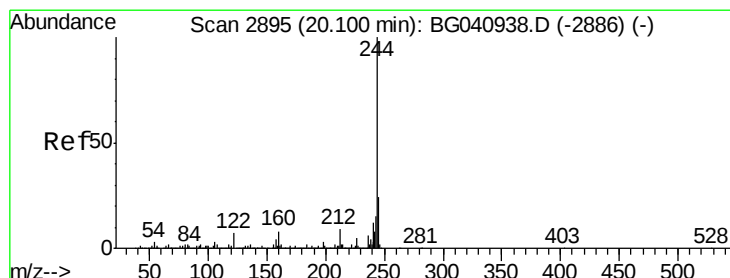
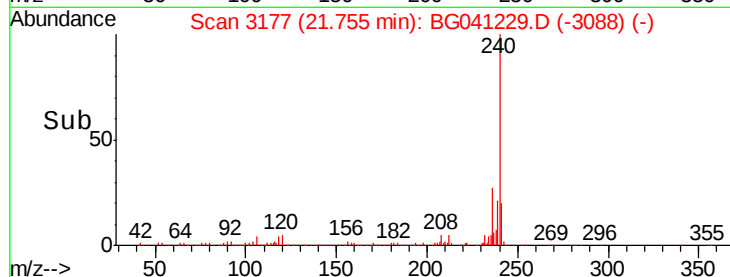
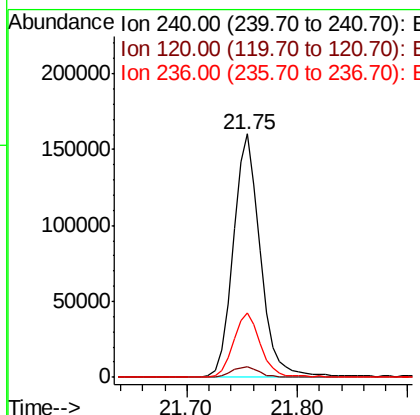
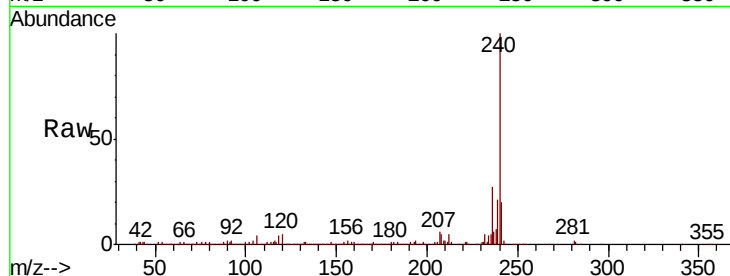




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG041229.D
 Acq: 13 Jun 2019 18:53

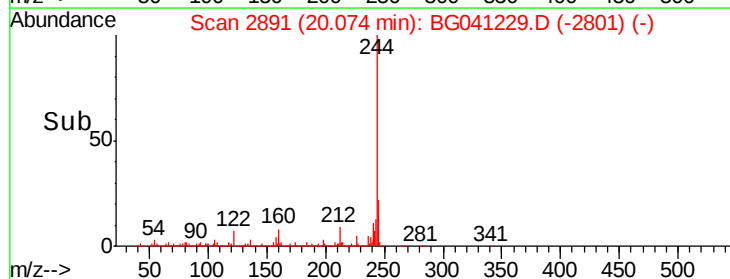
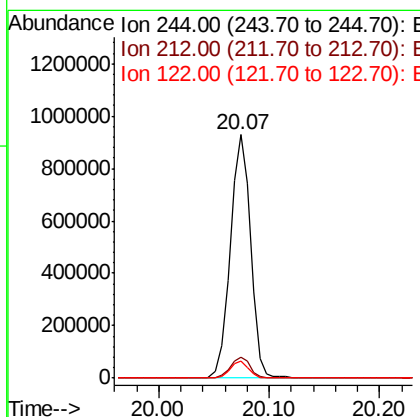
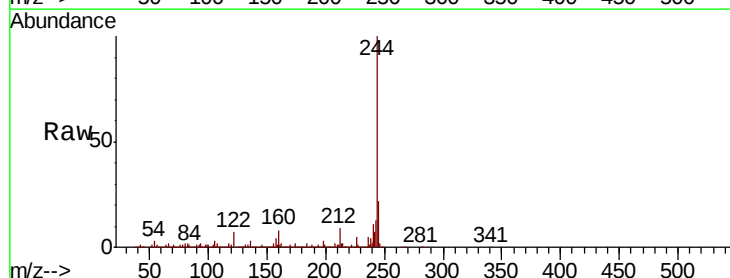
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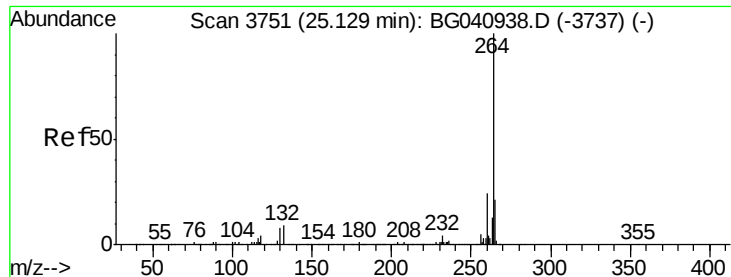
Tot Ion:240 Resp: 275191
 Ion Ratio Lower Upper
 240 100
 120 4.6 4.5 6.7
 236 26.6 21.3 31.9



#79
 Terphenyl-d14
 Concen: 92.745 ng
 RT: 20.07 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BG041229.D
 Acq: 13 Jun 2019 18:53

Tgt Ion:244 Resp: 1202561
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.0 10.4
 122 6.9 5.4 8.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041229.D
Acq: 13 Jun 2019 18:53

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.3	17.0	25.4

