

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
 Data File : BG043288.D
 Acq On : 18 Oct 2019 23:13
 Operator : JU
 Sample : K5411-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T1-658

Quant Time: Oct 19 01:25:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

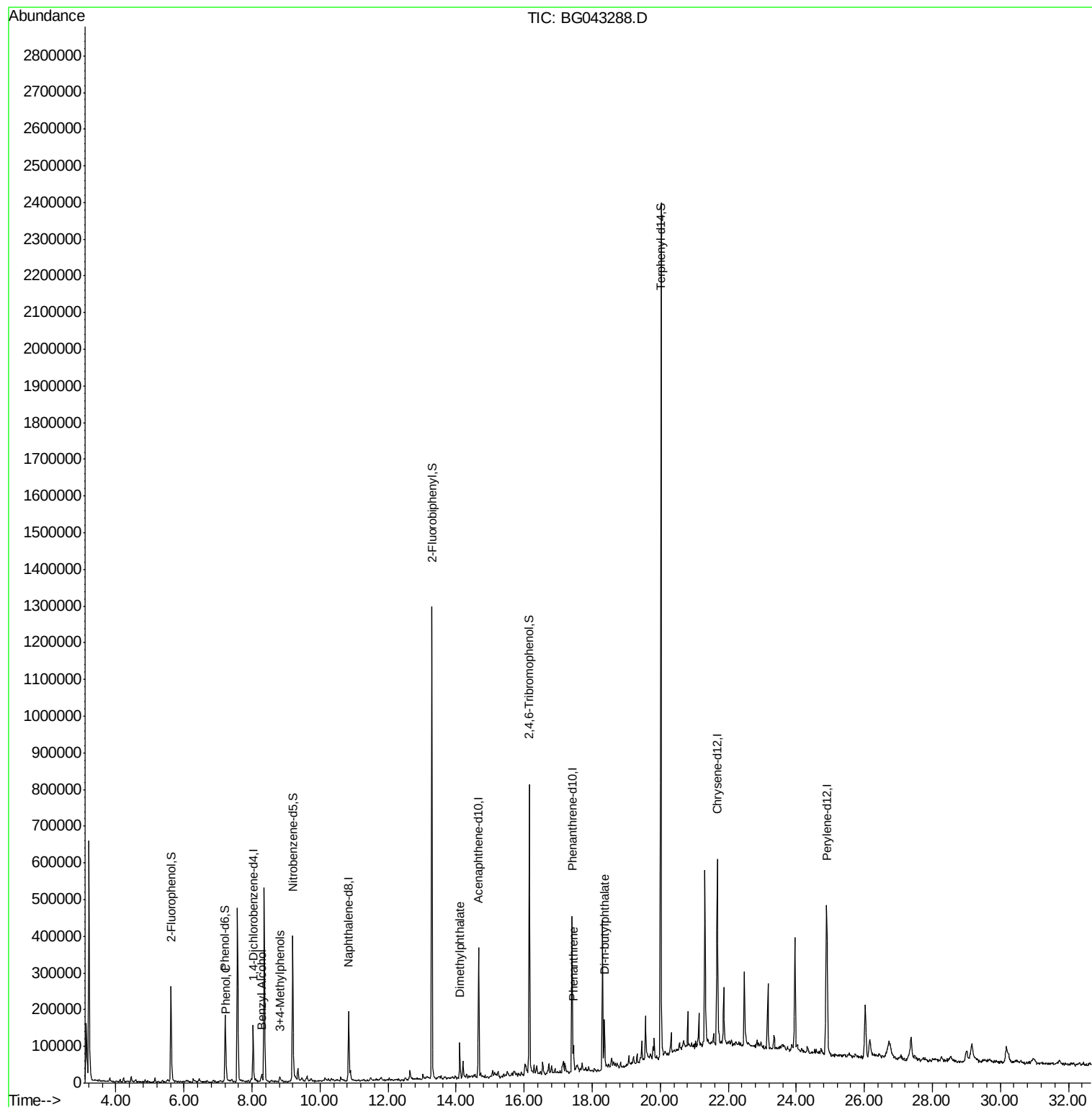
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48301	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	178447	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	125440	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	281851	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	320506	20.00	ng	-0.01
87) Perylene-d12	24.89	264	375083	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	127651	47.16	ng	-0.02
7) Phenol-d6	7.21	99	114716	29.43	ng	-0.02
23) Nitrobenzene-d5	9.20	82	263788	71.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	183101	84.89	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	696631	80.51	ng	-0.02
79) Terphenyl-d14	20.02	244	1266575	84.21	ng	0.00
Target Compounds						
10) Phenol	7.24	94	14818	4.144	ng	93
15) Benzyl Alcohol	8.28	79	9113	3.110	ng	89
20) 3+4-Methylphenols	8.83	107	7777	2.268	ng	83
50) Dimethylphthalate	14.11	163	65615	6.981	ng	99
71) Phenanthrene	17.45	178	36551	2.656	ng	98
74) Di-n-butylphthalate	18.36	149	86864	5.715	ng	100

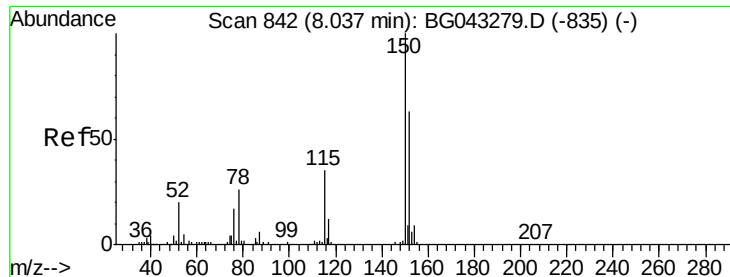
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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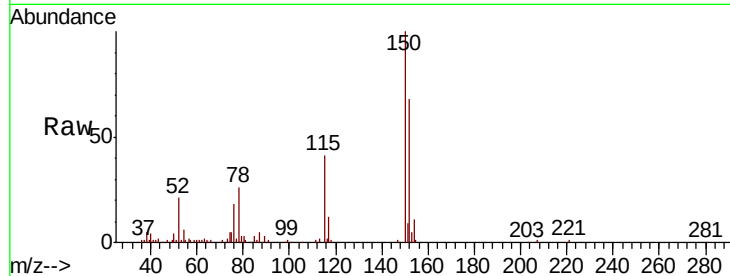


#1

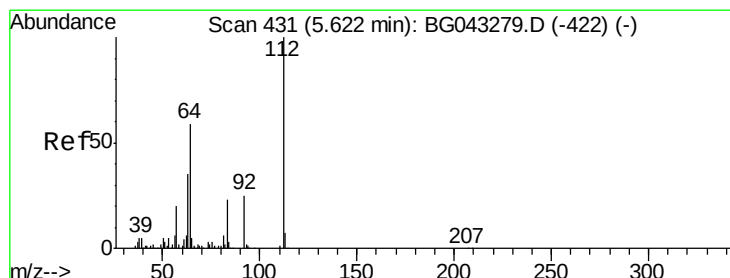
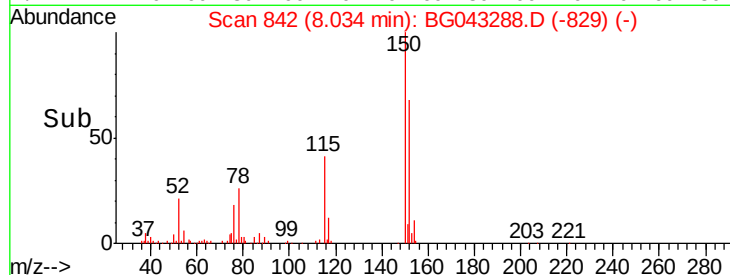
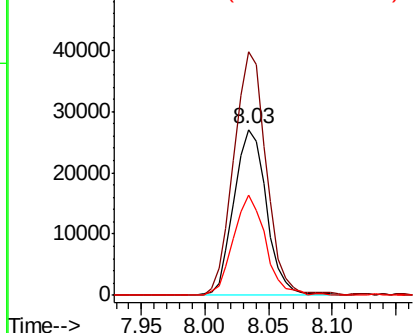
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Instrument :
BNA_G
ClientSampleId :
T1-658

Tot Ion:152 Resp: 48301
Ion Ratio Lower Upper
152 100
150 147.1 115.0 172.4
115 60.5 47.0 70.6



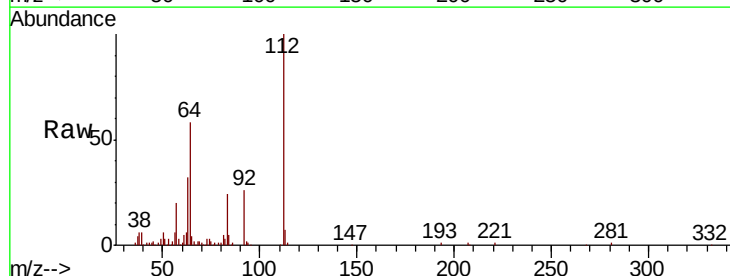
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



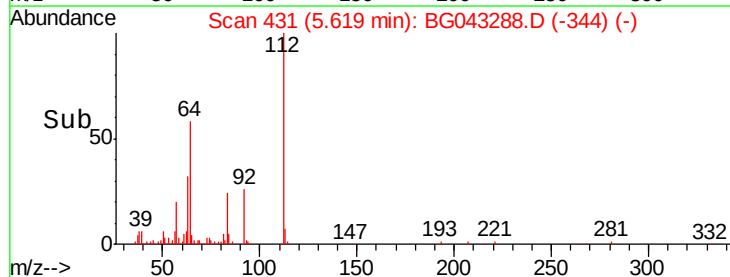
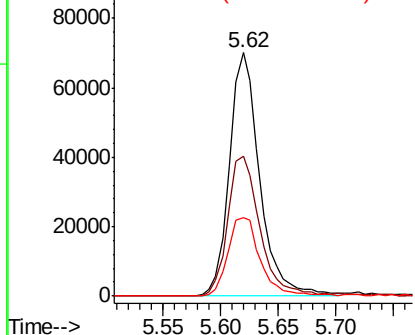
#5

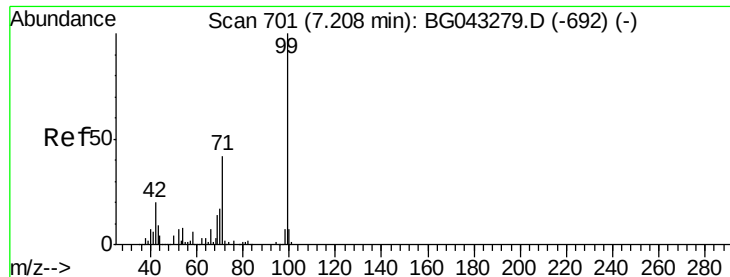
2-Fluorophenol
Concen: 47.164 ng
RT: 5.62 min Scan# 431
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Tgt Ion:112 Resp: 127651
Ion Ratio Lower Upper
112 100
64 57.7 56.6 84.8
63 32.1 35.1 52.7#



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: 29.433 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG043288.D

Acq: 18 Oct 2019 23:13

Instrument :

BNA_G

ClientSampleId :

T1-658

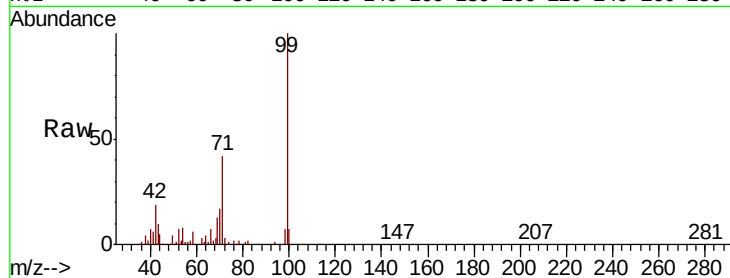
Tot Ion: 99 Resp: 114716

Ion Ratio Lower Upper

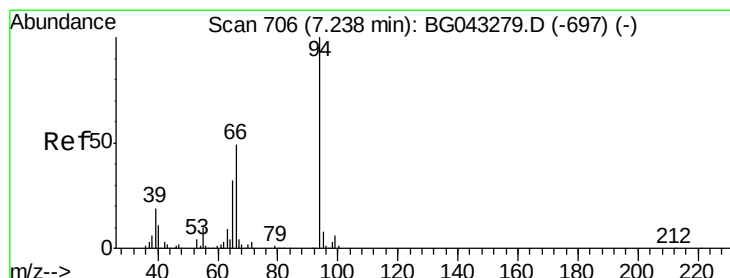
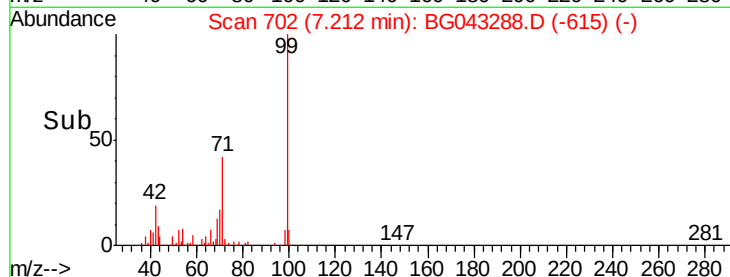
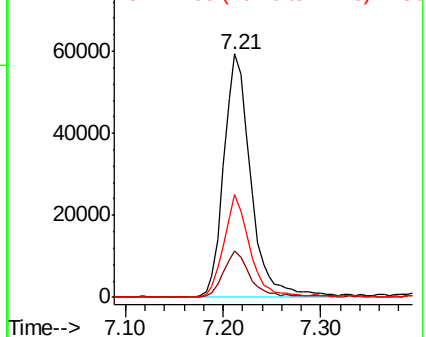
99 100

42 19.2 17.2 25.8

71 42.4 33.1 49.7



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: 4.144 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG043288.D

Acq: 18 Oct 2019 23:13

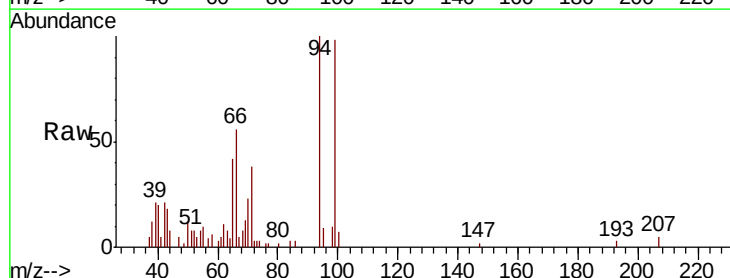
Tgt Ion: 94 Resp: 14818

Ion Ratio Lower Upper

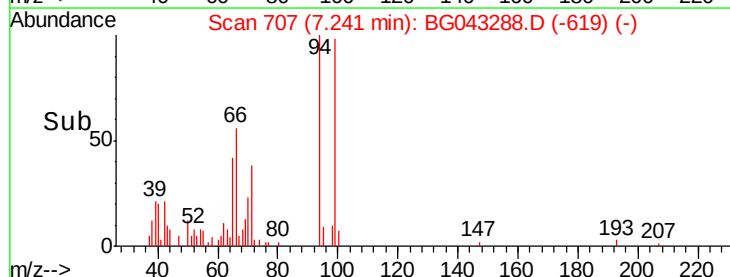
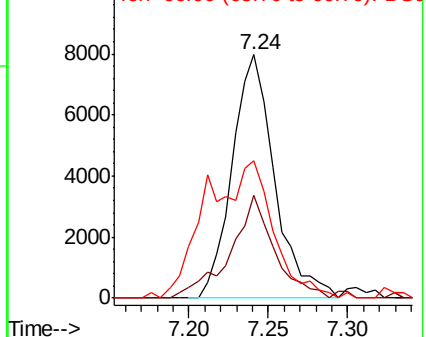
94 100

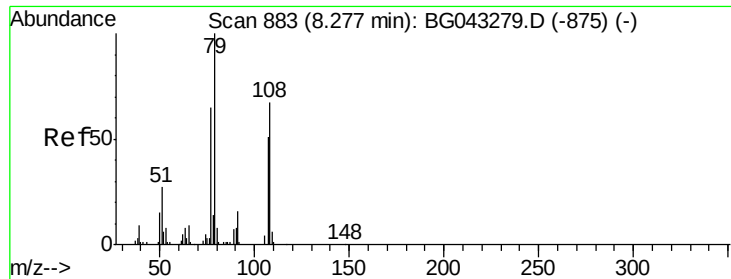
65 42.0 16.6 56.6

66 56.3 32.4 72.4



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





#15

Benzyl Alcohol

Concen: 3.110 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.02 min

Lab File: BG043288.D

Acq: 18 Oct 2019 23:13

Instrument :

BNA_G

ClientSampleId :

T1-658

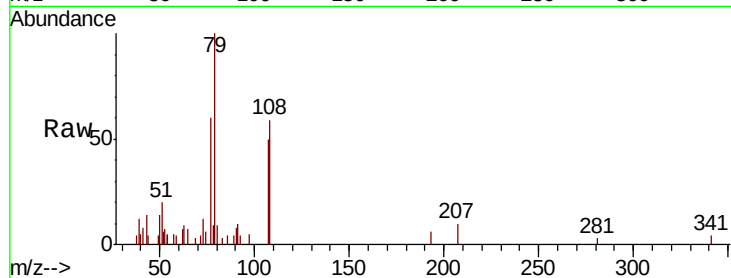
Tot Ion: 79 Resp: 9113

Ion Ratio Lower Upper

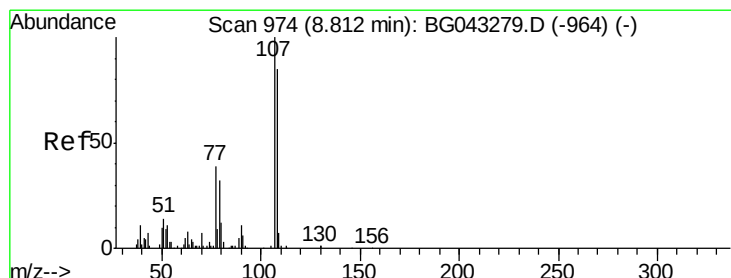
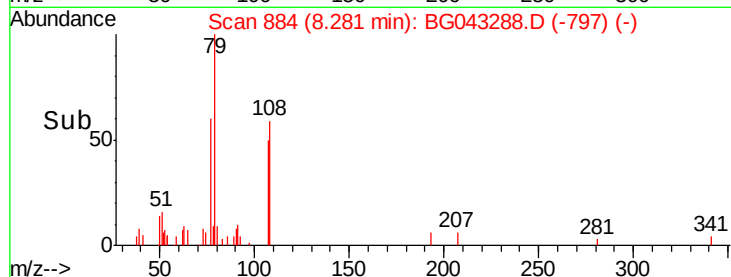
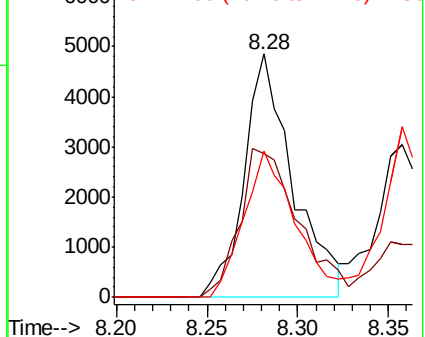
79 100

108 59.0 55.7 83.5

77 60.0 53.3 79.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#20

3+4-Methylphenols

Concen: 2.268 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG043288.D

Acq: 18 Oct 2019 23:13

Tgt Ion: 107 Resp: 7777

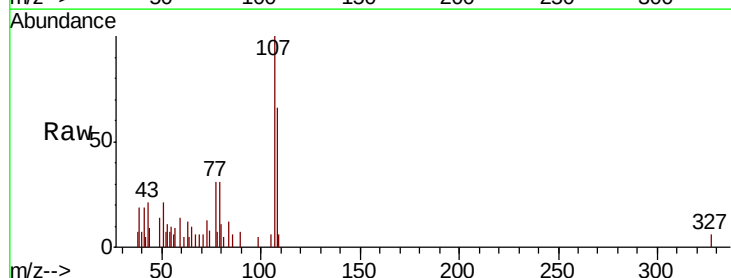
Ion Ratio Lower Upper

107 100

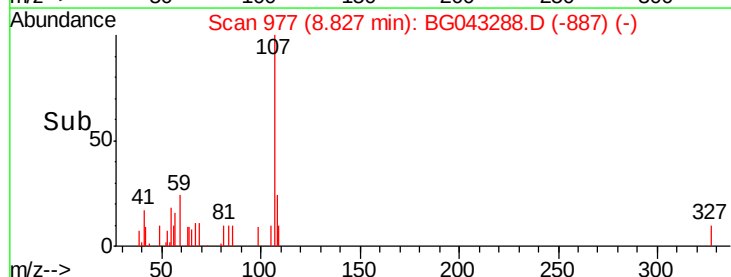
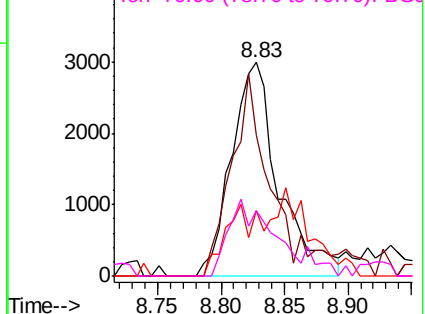
108 65.9 64.9 104.9

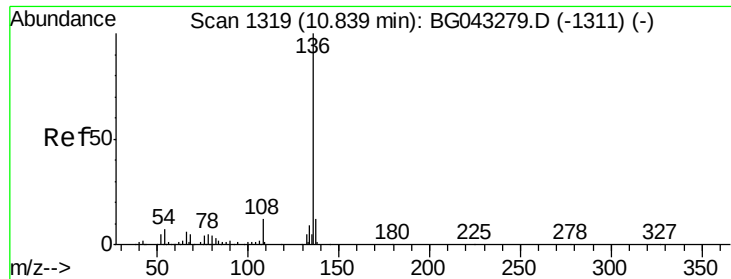
77 30.5 19.4 59.4

79 30.7 16.2 56.2



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

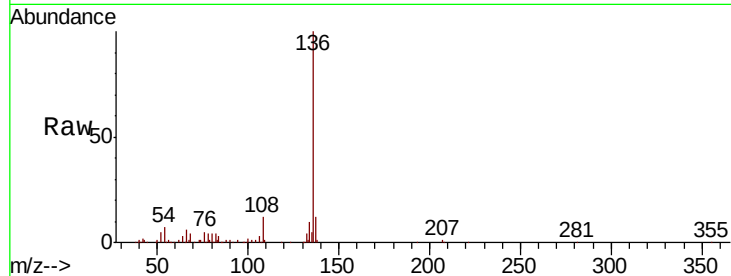




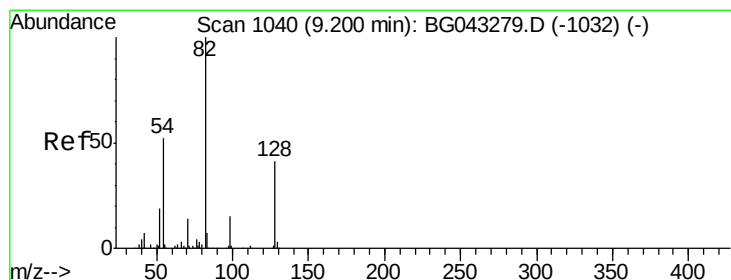
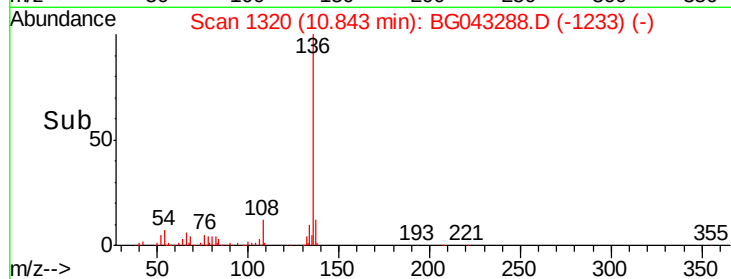
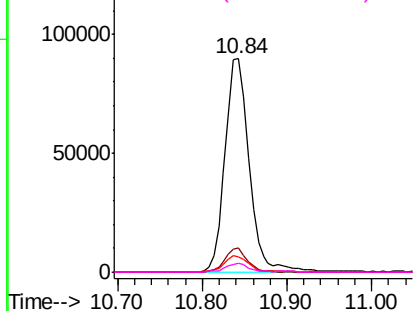
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Instrument :
BNA_G
ClientSampleId :
T1-658

Tot Ion:136	Resp:	178447
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.5 12.7
54	7.2	7.4 11.2#
68	4.1	3.6 5.4

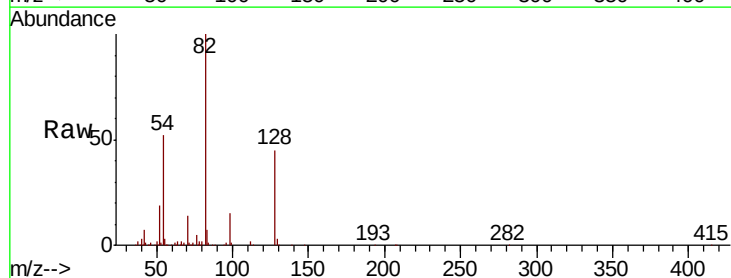


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

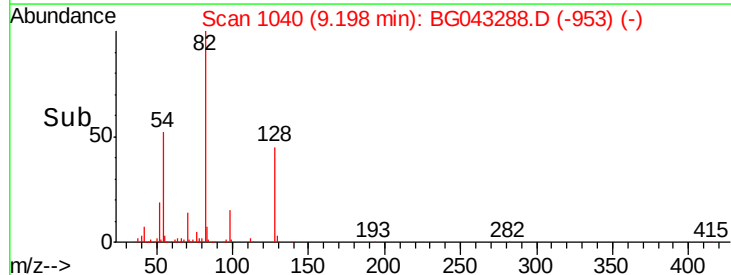
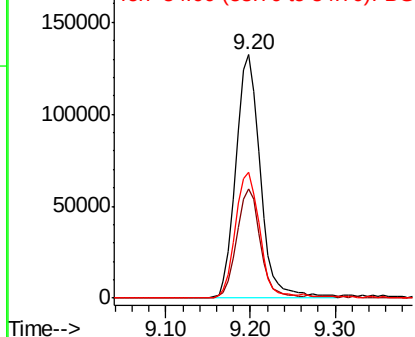


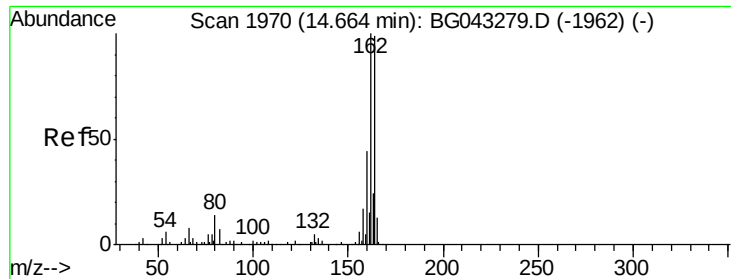
#23
Nitrobenzene-d5
Concen: 71.850 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Tgt Ion: 82	Resp:	263788
Ion Ratio	Lower	Upper
82	100	
128	44.7	29.5 44.3#
54	51.5	44.6 67.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG043288.D

Acq: 18 Oct 2019 23:13

Instrument :

BNA_G

ClientSampled :

T1-658

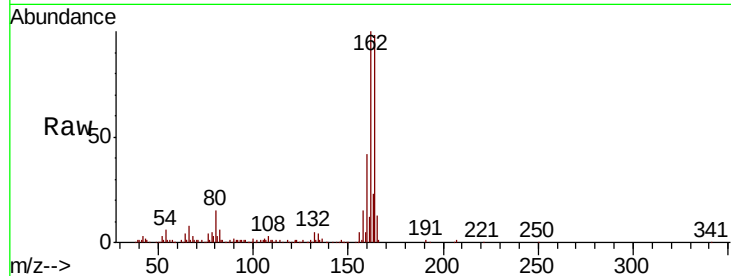
Tot Ion:164 Resp: 125440

Ion Ratio Lower Upper

164 100

162 102.0 78.5 117.7

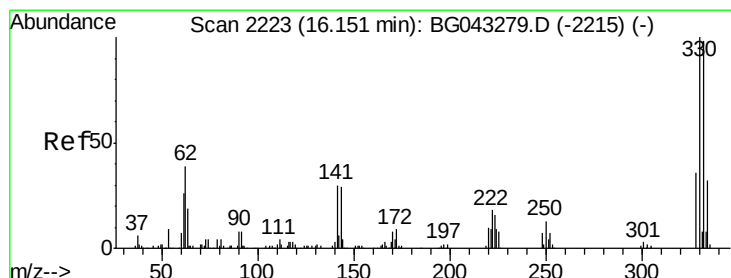
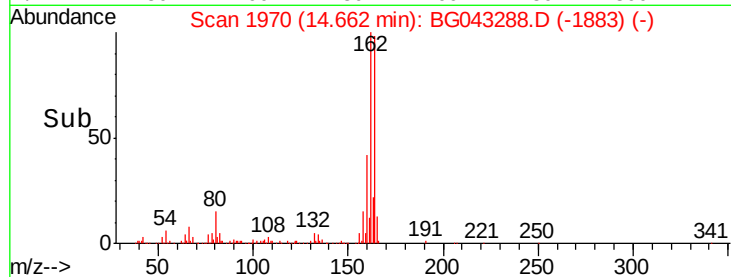
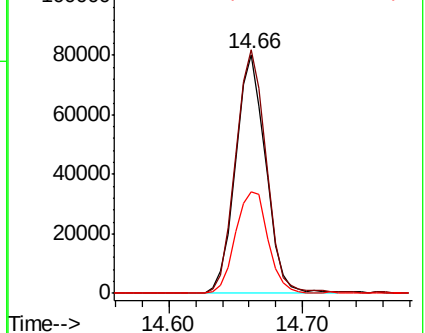
160 42.4 35.9 53.9



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: 84.886 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG043288.D

Acq: 18 Oct 2019 23:13

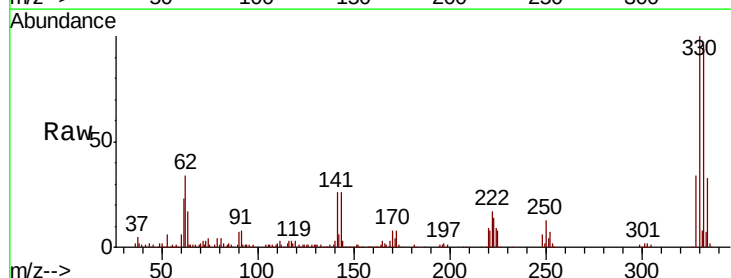
Tgt Ion:330 Resp: 183101

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.2

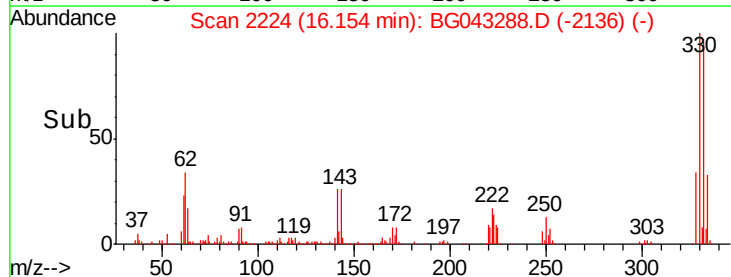
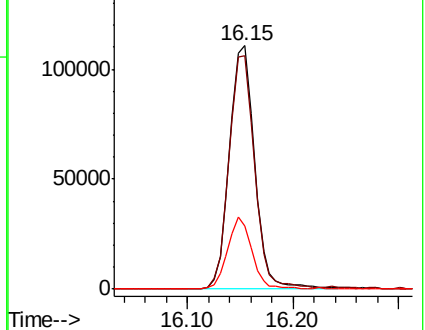
141 28.5 26.0 39.0

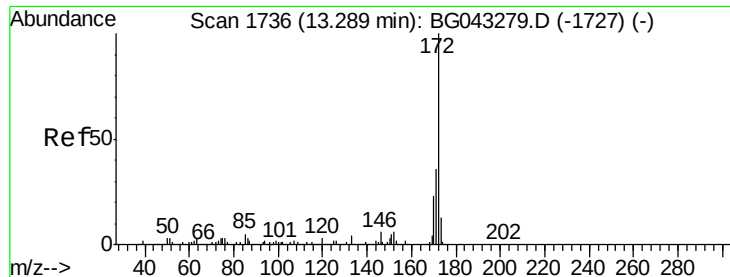


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

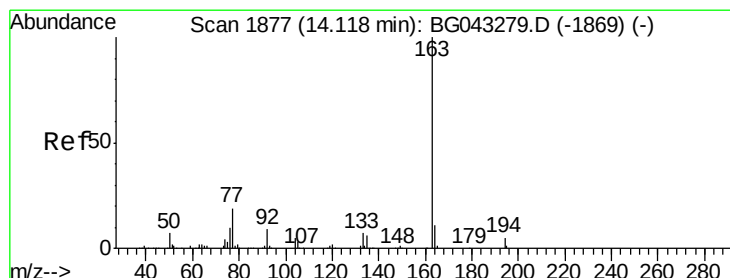
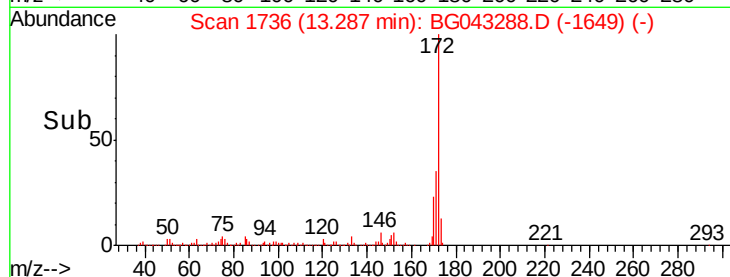
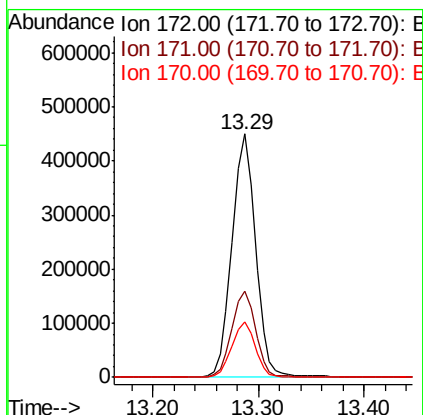
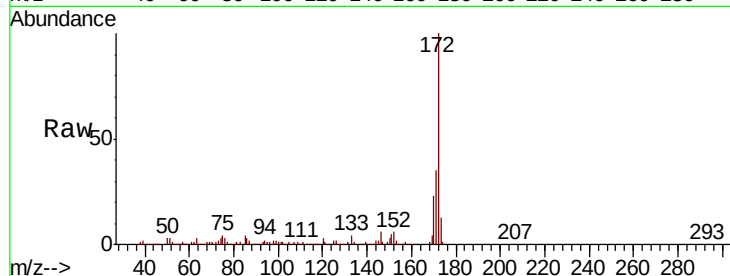




#45
2-Fluorobiphenyl
Concen: 80.509 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

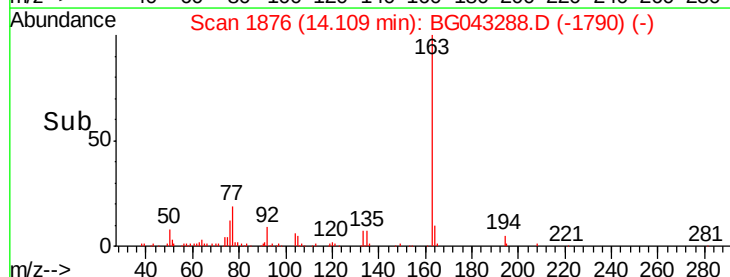
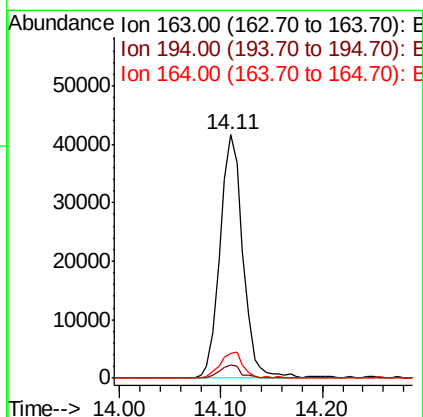
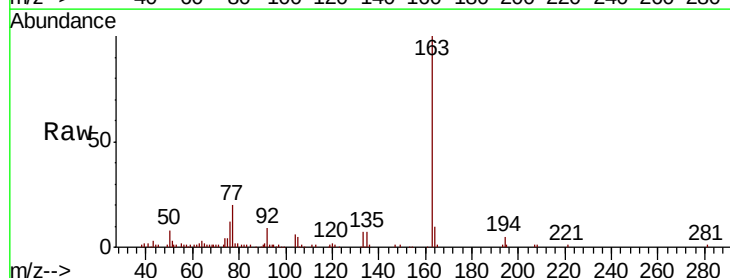
Instrument :
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T1-658

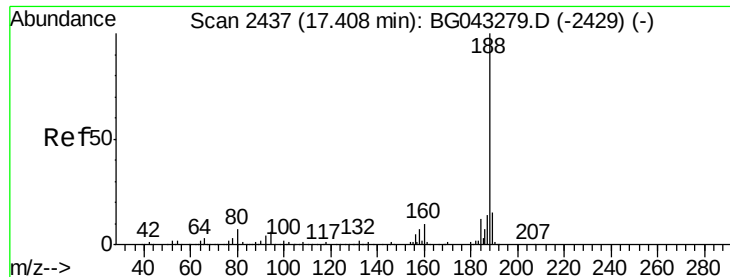
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	22.9	19.6	29.4



#50
Dimethylphthalate
Concen: 6.981 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG043288.D
Acq: 18 Oct 2019 23:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.4	6.6
164	10.3	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG043288.D

Acq: 18 Oct 2019 23:13

Instrument :

BNA_G

ClientSampleId :

T1-658

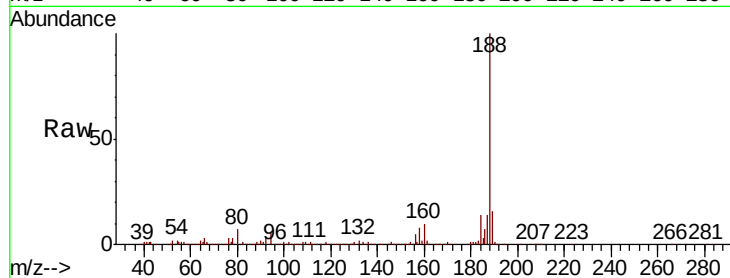
Tot Ion:188 Resp: 281851

Ion Ratio Lower Upper

188 100

94 6.2 5.7 8.5

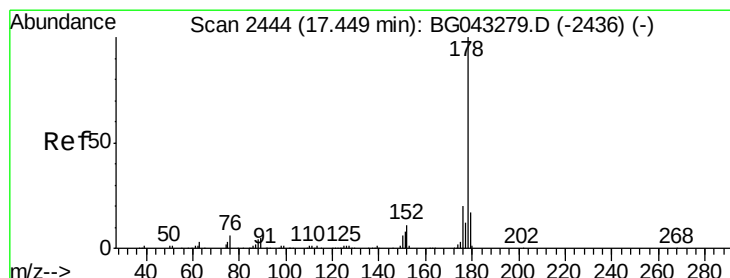
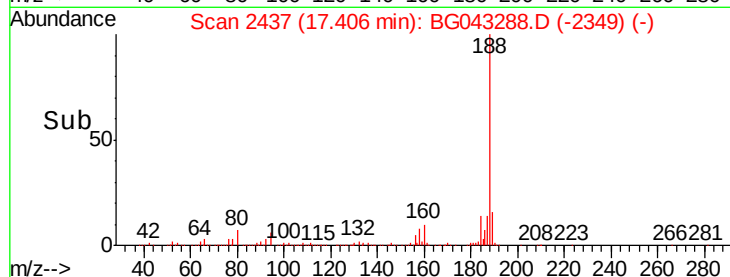
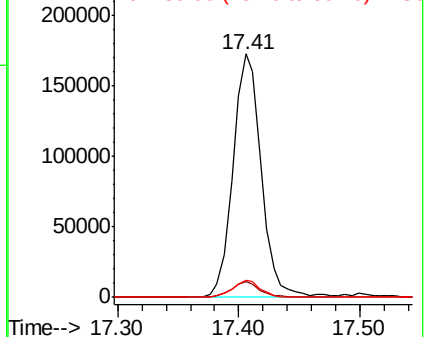
80 7.1 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#71

Phenanthrene

Concen: 2.656 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.02 min

Lab File: BG043288.D

Acq: 18 Oct 2019 23:13

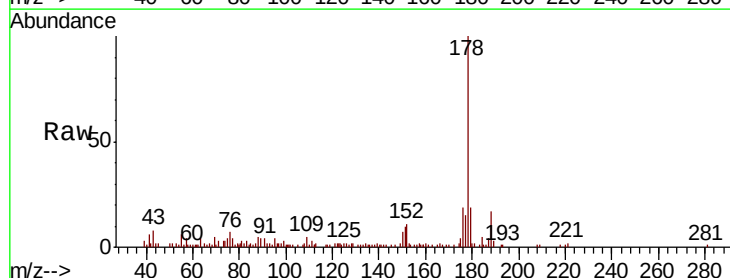
Tgt Ion:178 Resp: 36551

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

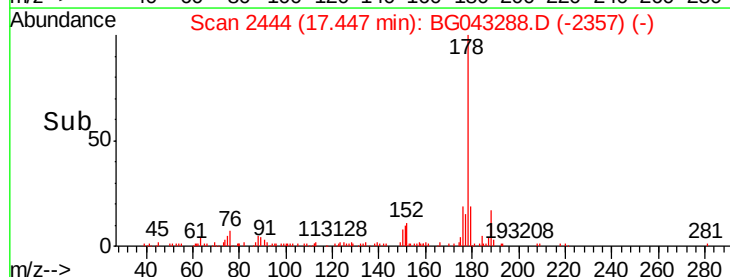
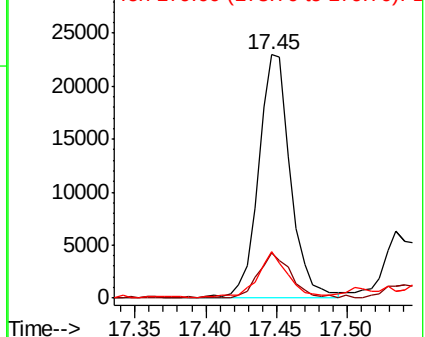
179 18.9 14.1 21.1

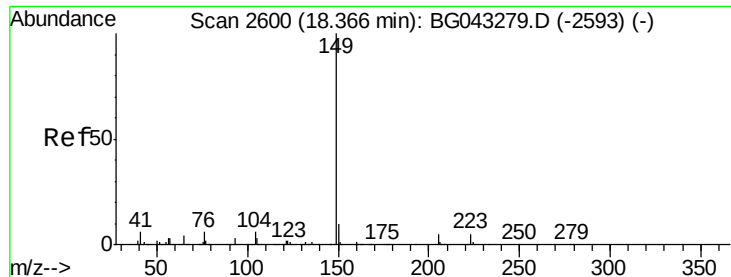


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 5.715 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG043288.D

Acq: 18 Oct 2019 23:13

Instrument :

BNA_G

ClientSampleId :

T1-658

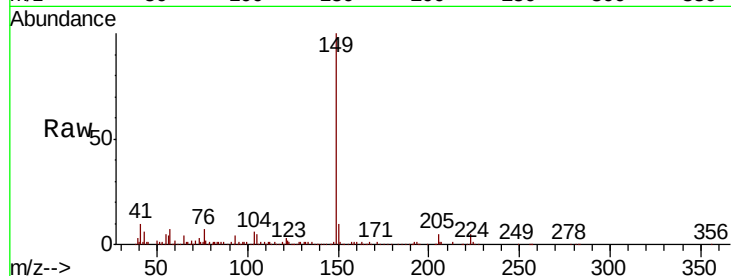
Tot Ion:149 Resp: 86864

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

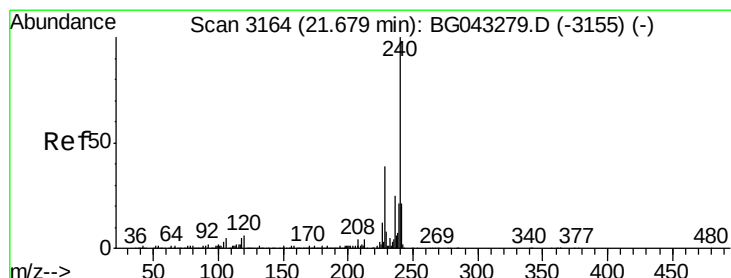
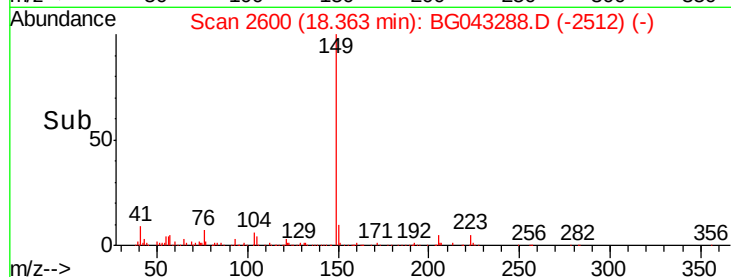
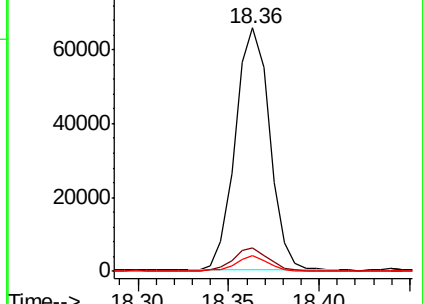
104 6.2 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG043288.D

Acq: 18 Oct 2019 23:13

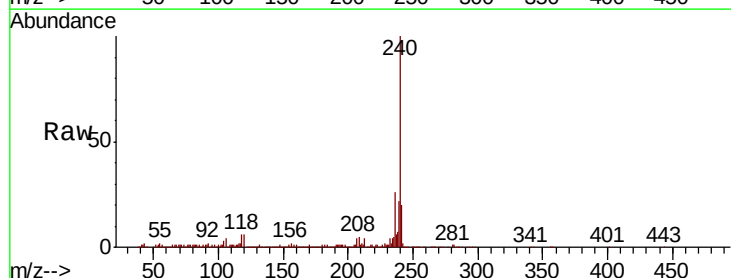
Tgt Ion:240 Resp: 320506

Ion Ratio Lower Upper

240 100

120 5.9 4.8 7.2

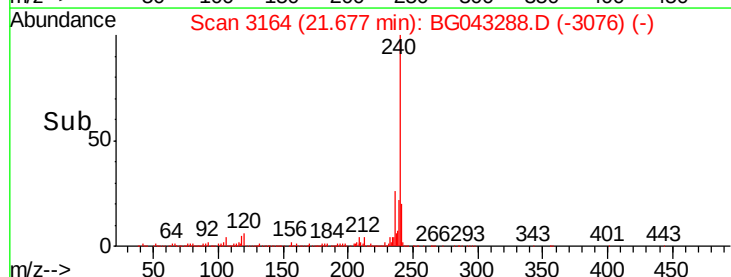
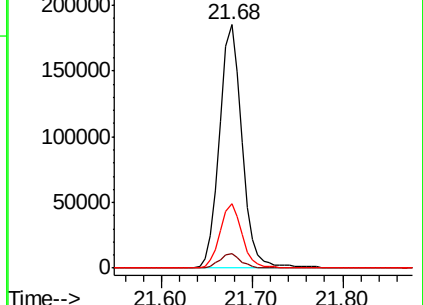
236 26.3 21.4 32.0

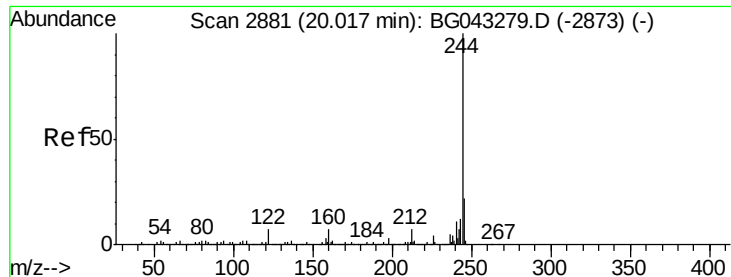


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

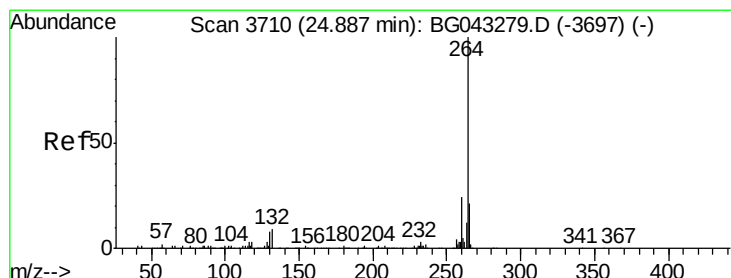
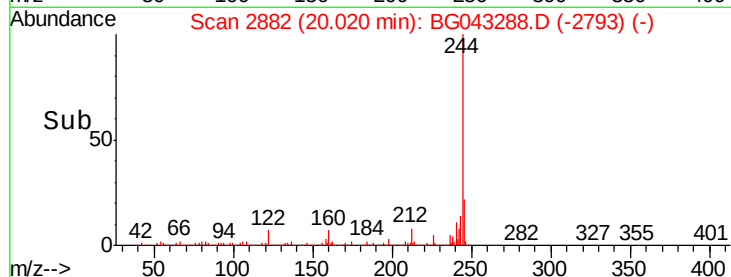
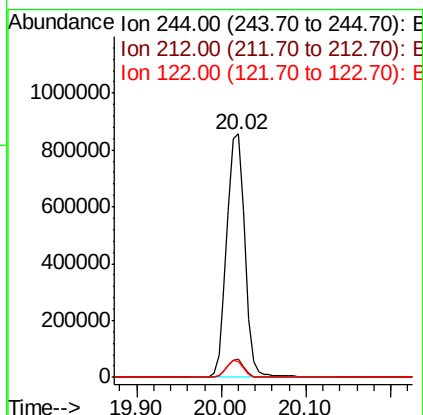
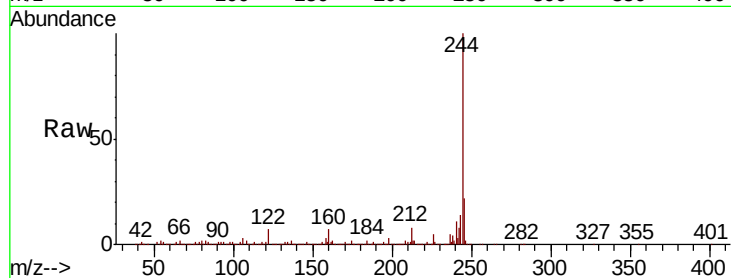




#79
 Terphenyl-d14
 Concen: 84.208 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG043288.D
 Acq: 18 Oct 2019 23:13

Instrument :
 BNA_G
 ClientSampleId :
 T1-658

Tot Ion:244 Resp: 1266575
 Ion Ratio Lower Upper
 244 100
 212 7.8 7.4 11.0
 122 6.6 7.0 10.4#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3710
 Delta R.T. -0.02 min
 Lab File: BG043288.D
 Acq: 18 Oct 2019 23:13

Tgt Ion:264 Resp: 375083
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.8 17.7 26.5

