

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062220\
 Data File : BG045823.D
 Acq On : 22 Jun 2020 11:57
 Operator : CG/JU
 Sample : L3033-08DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-200616DL

Quant Time: Jun 22 12:54:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	47058	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	183132	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	131773	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	311554	20.00	ng	0.00
76) Chrysene-d12	21.57	240	321279	20.00	ng	0.00
86) Perylene-d12	24.70	264	345245	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	15154	5.44	ng	-0.01
7) Phenol-d6	7.15	99	14621	3.45	ng	-0.01
23) Nitrobenzene-d5	9.08	82	34661	8.65	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	28885	14.52	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	91786	10.24	ng	0.00
79) Terphenyl-d14	19.93	244	174346	11.00	ng	0.00

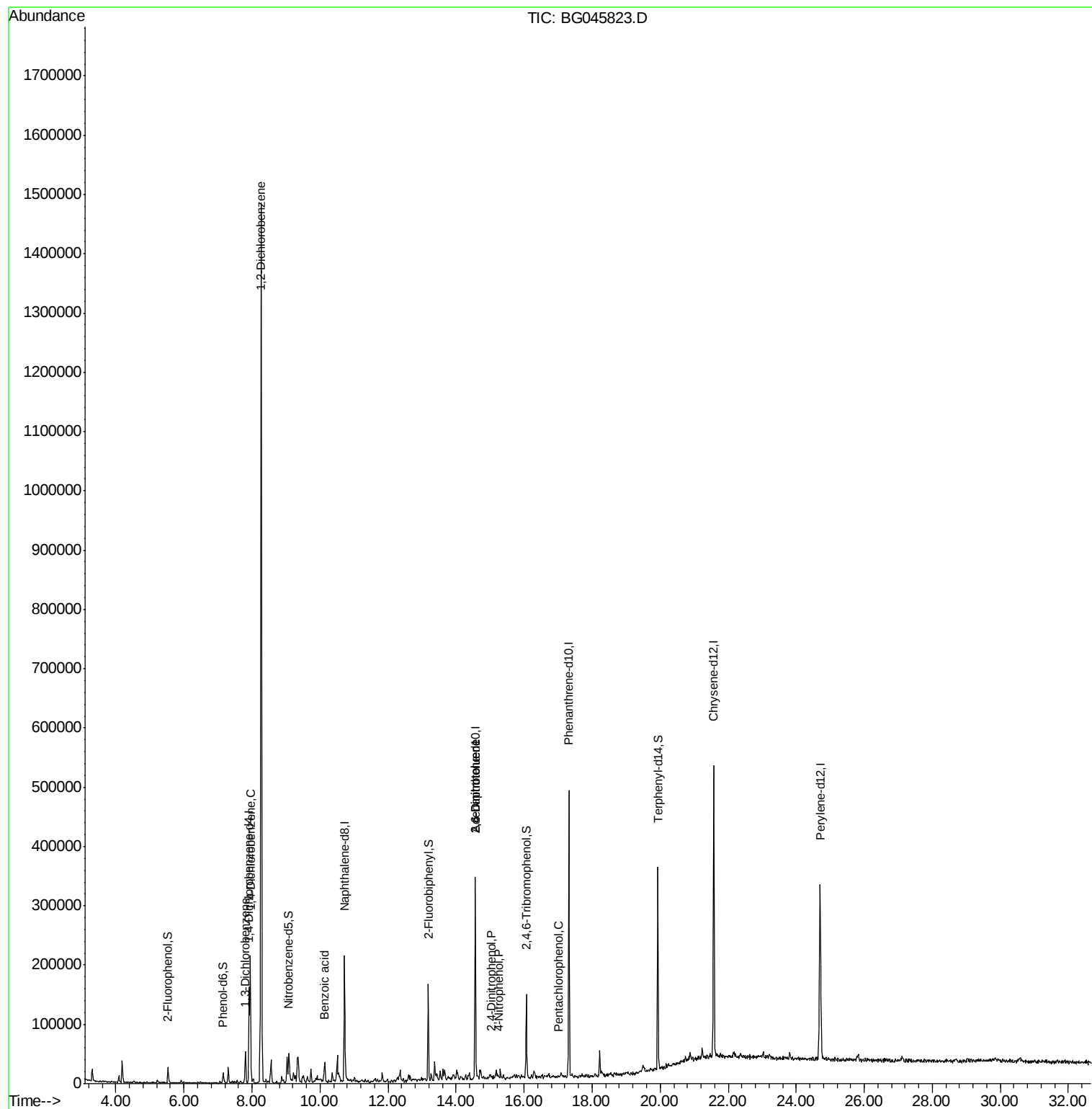
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,3-Dichlorobenzene	7.81	146	23302	6.558	ng	96
13) 1,4-Dichlorobenzene	7.95	146	90760	25.571	ng	98
14) 1,2-Dichlorobenzene	8.27	146	634854	186.833	ng	97
32) Benzoic acid	10.13	122	204	9.072	ng	# 84
51) 2,6-Dinitrotoluene	14.56	165	17817	7.684	ng	# 26
54) 2,4-Dinitrophenol	15.03	184	125	9.910	ng	# 17
56) 4-Nitrophenol	15.24	139	70	4.013	ng	95
57) 2,4-Dinitrotoluene	14.56	165	17817	5.363	ng	# 25
70) Pentachlorophenol	17.01	266	56	7.657	ng	# 39

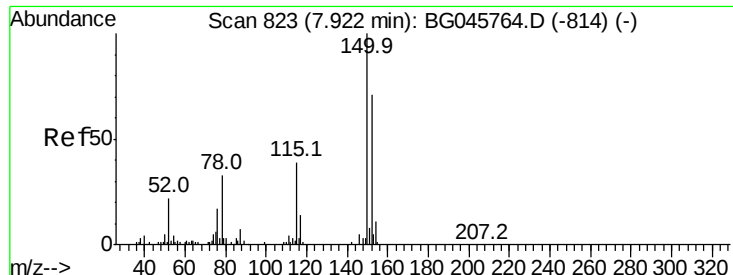
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062220\
Data File : BG045823.D
Acq On : 22 Jun 2020 11:57
Operator : CG/JU
Sample : L3033-08DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL

Quant Time: Jun 22 12:54:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration



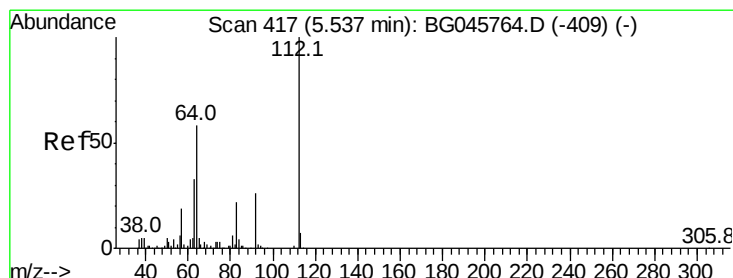
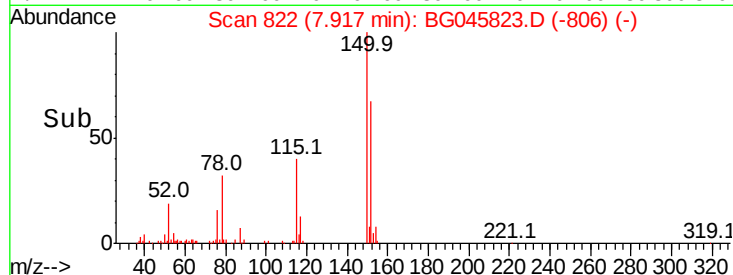
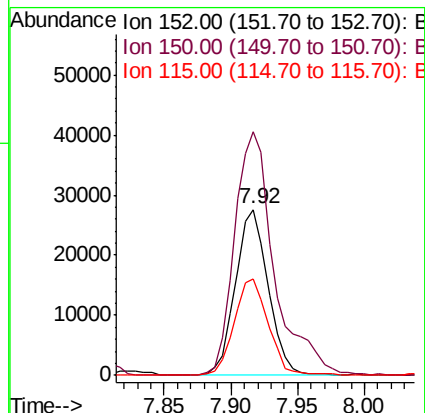
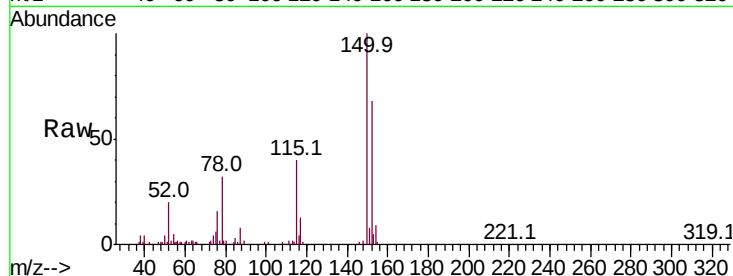


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL

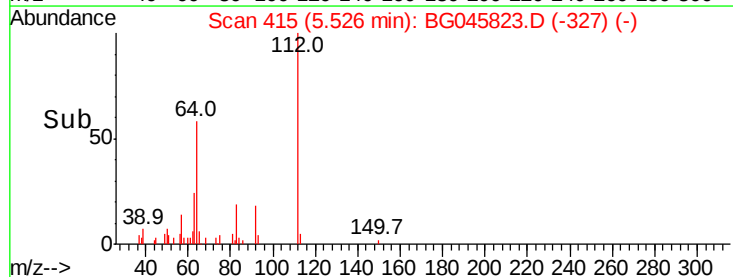
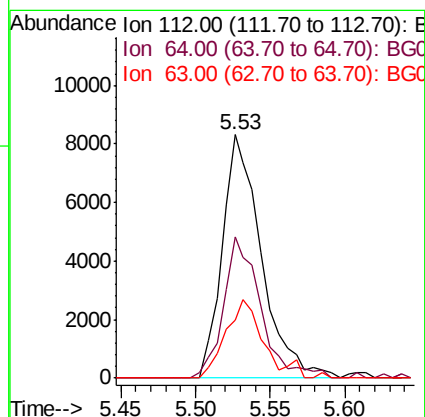
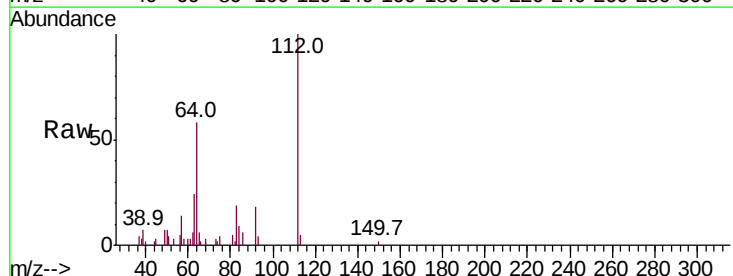
Tot Ion:152 Resp: 47058
Ion Ratio Lower Upper
152 100
150 146.9 113.1 169.7
115 58.2 43.8 65.6

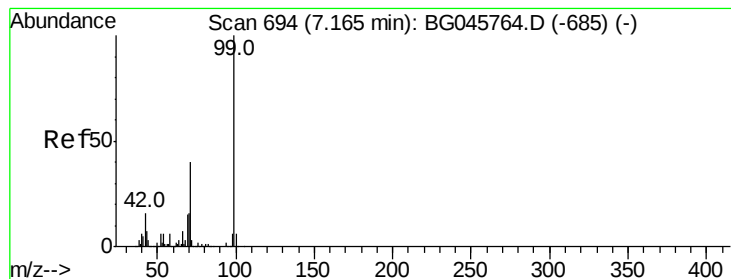


#5

2-Fluorophenol
Concen: 5.440 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Tgt Ion:112 Resp: 15154
Ion Ratio Lower Upper
112 100
64 58.0 46.6 69.8
63 23.8 26.3 39.5#





#7

Phenol-d6

Concen: 3.450 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045823.D

Acq: 22 Jun 2020 11:57

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616DL

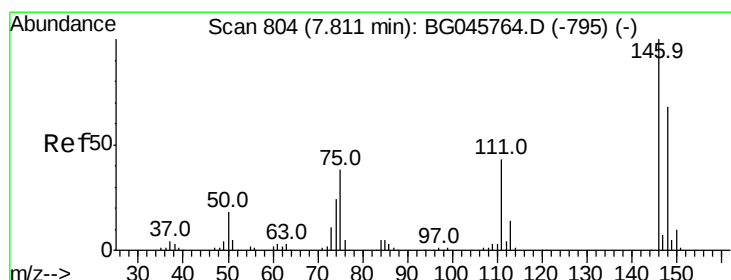
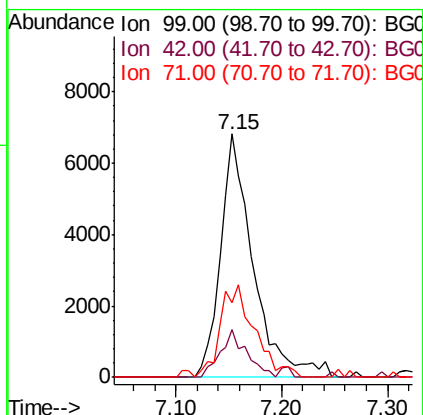
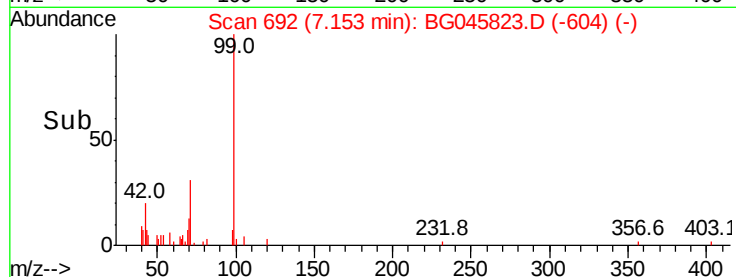
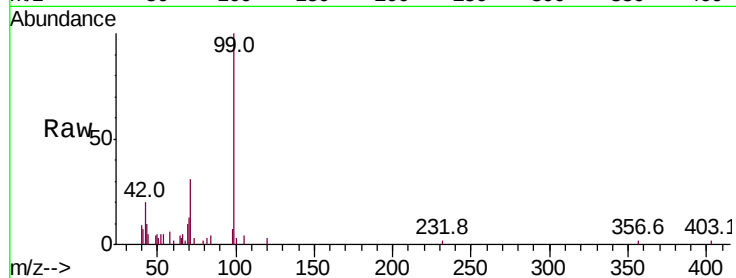
Tot Ion: 99 Resp: 14621

Ion Ratio Lower Upper

99 100

42 19.6 12.4 18.6#

71 30.7 32.1 48.1#



#12

1,3-Dichlorobenzene

Concen: 6.558 ng

RT: 7.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG045823.D

Acq: 22 Jun 2020 11:57

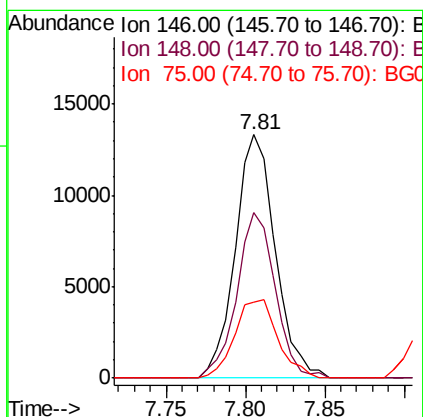
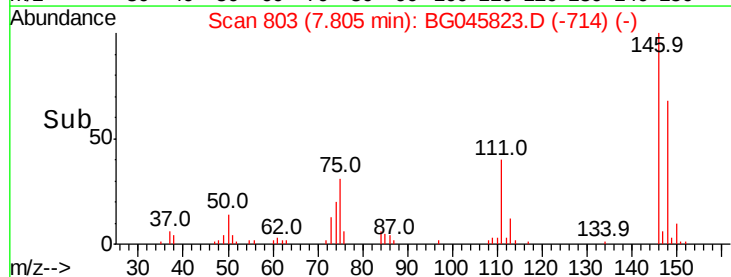
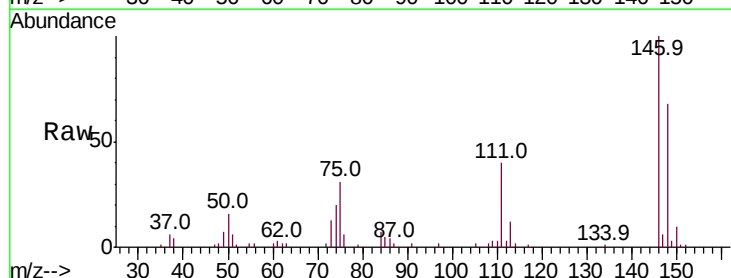
Tgt Ion: 146 Resp: 23302

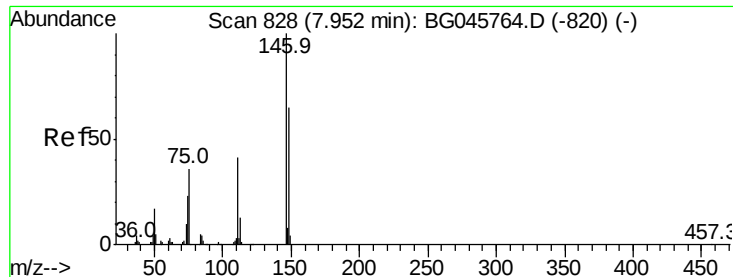
Ion Ratio Lower Upper

146 100

148 67.9 54.2 81.4

75 31.1 30.1 45.1





#13

1,4-Dichlorobenzene

Concen: 25.571 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG045823.D

Acq: 22 Jun 2020 11:57

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616DL

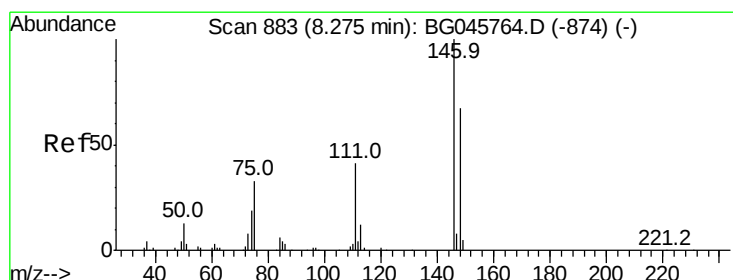
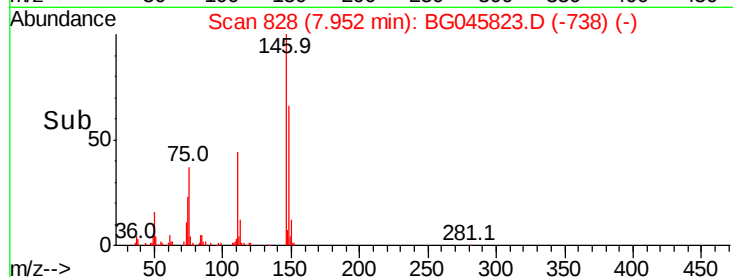
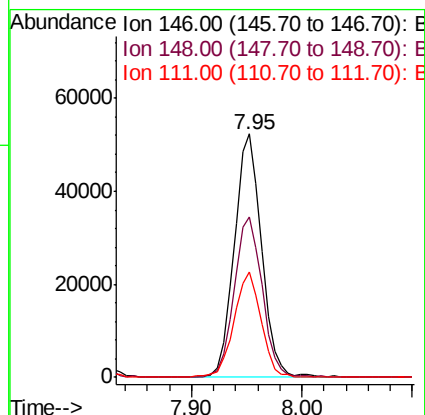
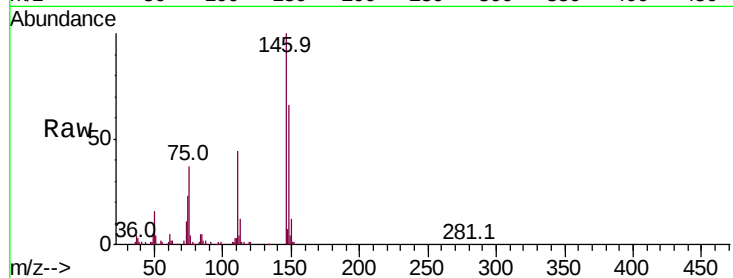
Tot Ion:146 Resp: 90760

Ion Ratio Lower Upper

146 100

148 65.8 51.8 77.6

111 43.5 32.8 49.2



#14

1,2-Dichlorobenzene

Concen: 186.833 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG045823.D

Acq: 22 Jun 2020 11:57

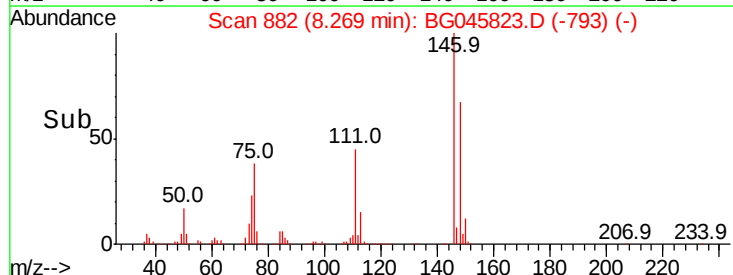
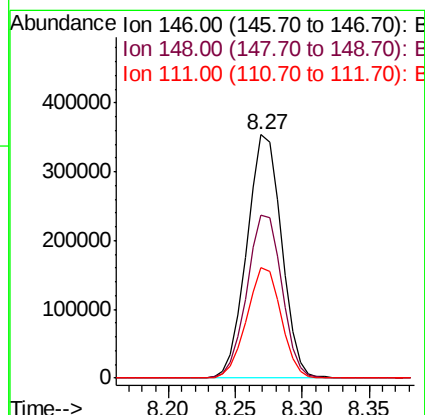
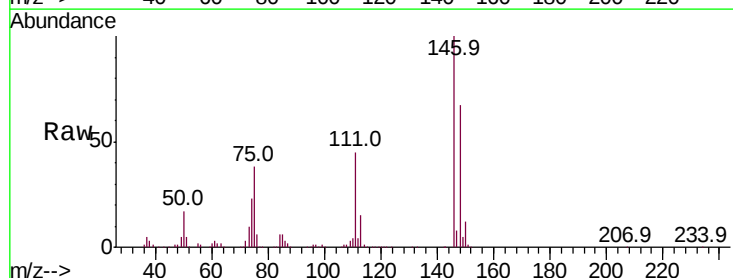
Tgt Ion:146 Resp: 634854

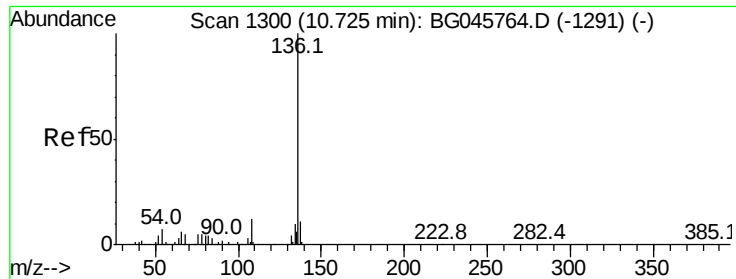
Ion Ratio Lower Upper

146 100

148 67.1 54.1 81.1

111 45.5 32.9 49.3

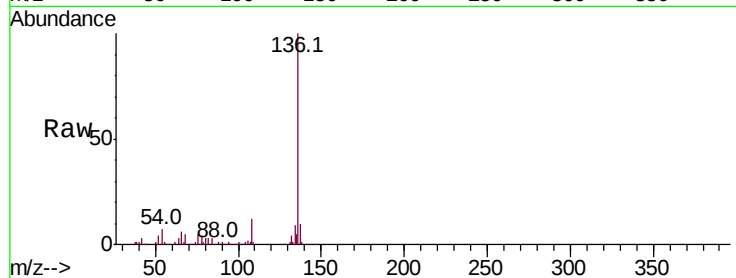




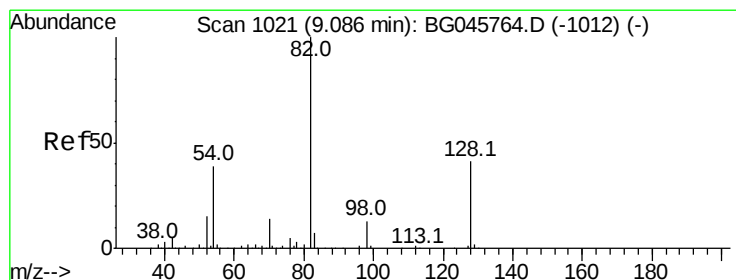
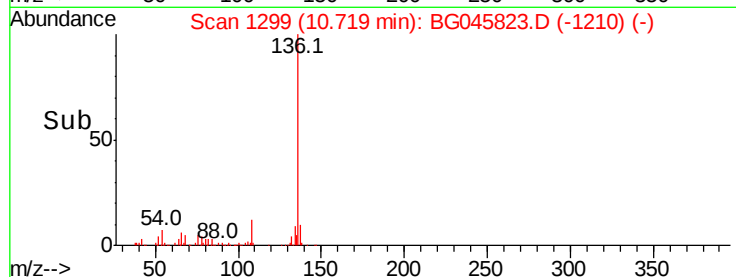
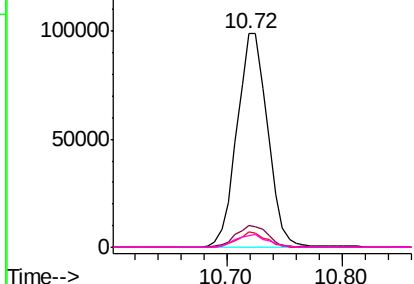
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL

Tot Ion:	136	Resp:	183132
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	7.4	5.8	8.6
68	5.3	4.0	6.0

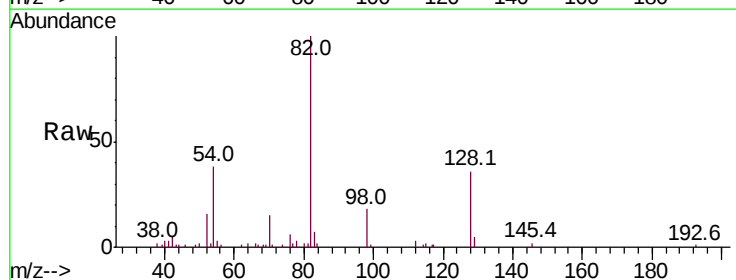


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

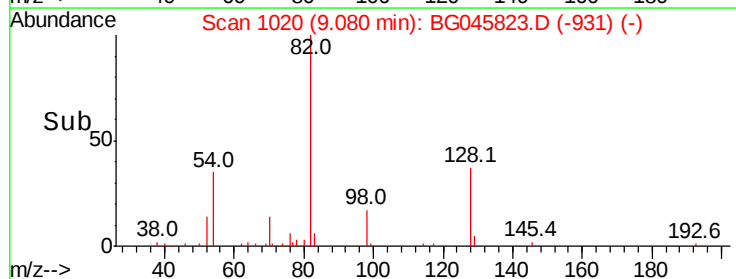
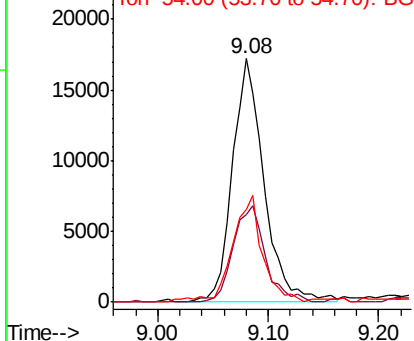


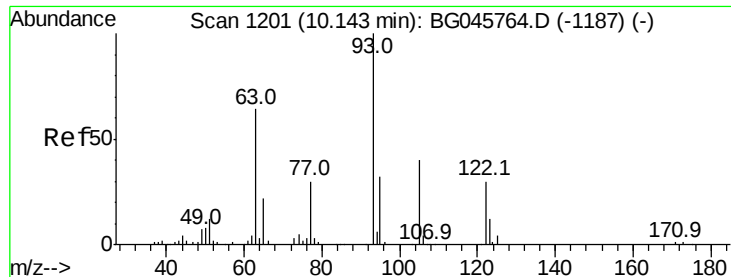
#23
Nitrobenzene-d5
Concen: 8.646 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Tgt Ion:	82	Resp:	34661
Ion	Ratio	Lower	Upper
82	100		
128	36.1	32.5	48.7
54	38.0	31.2	46.8



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





#32

Benzoic acid

Concen: 9.072 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BG045823.D

Acq: 22 Jun 2020 11:57

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616DL

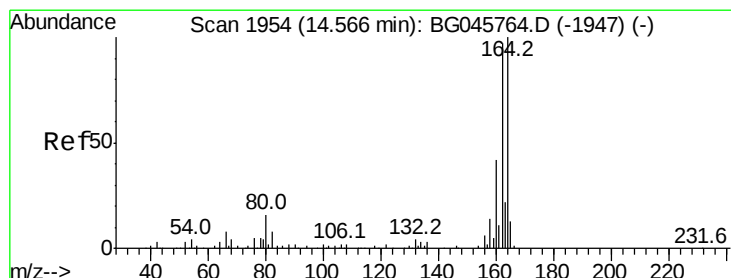
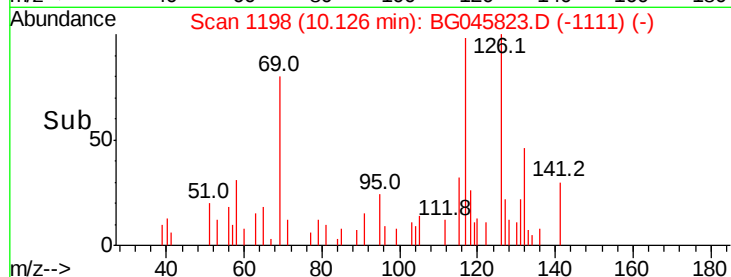
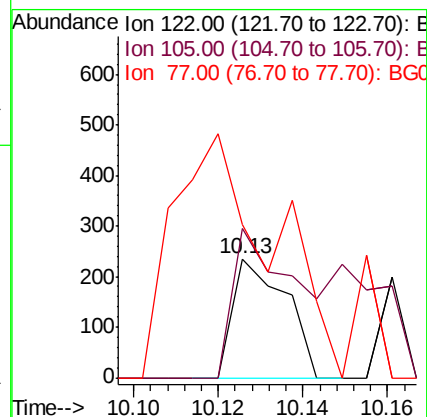
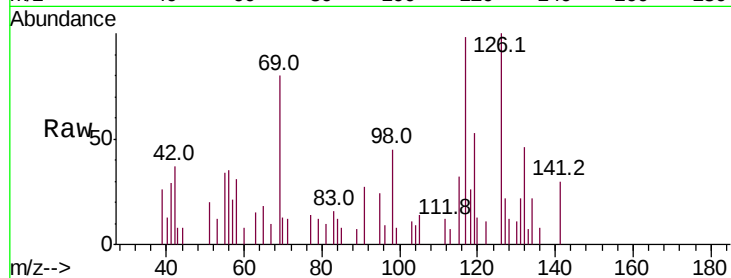
Tot Ion:122 Resp: 204

Ion Ratio Lower Upper

122 100

105 126.0 112.9 152.9

77 128.5 79.2 119.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG045823.D

Acq: 22 Jun 2020 11:57

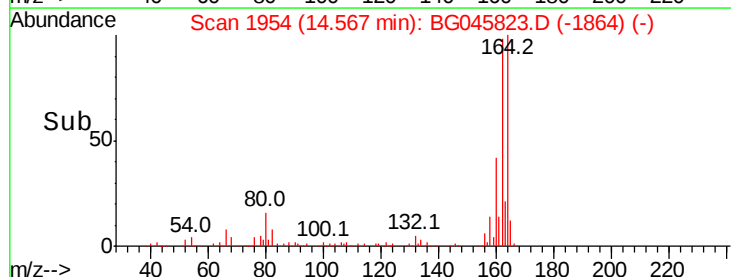
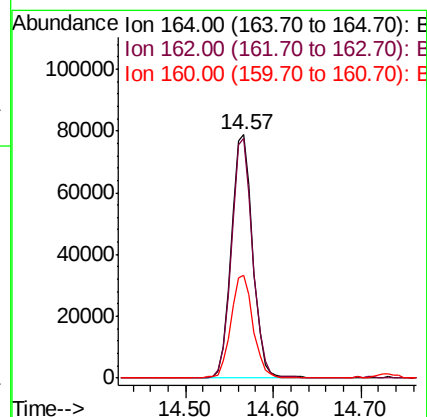
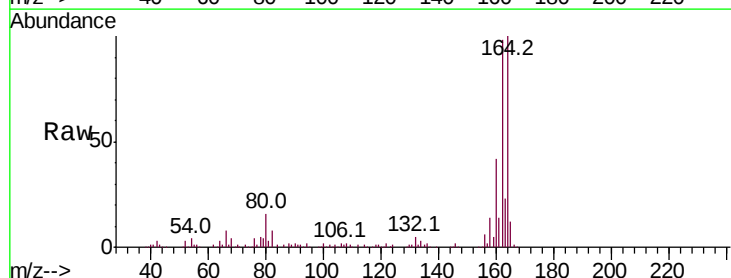
Tgt Ion:164 Resp: 131773

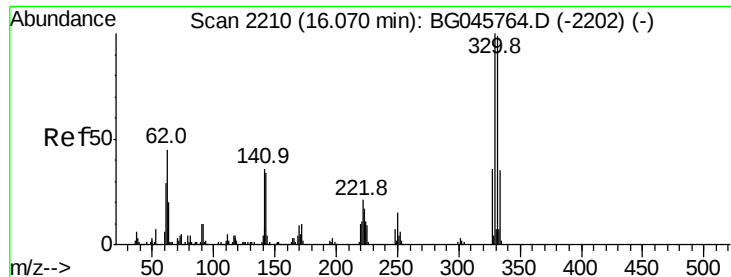
Ion Ratio Lower Upper

164 100

162 98.3 77.4 116.0

160 42.1 33.3 49.9

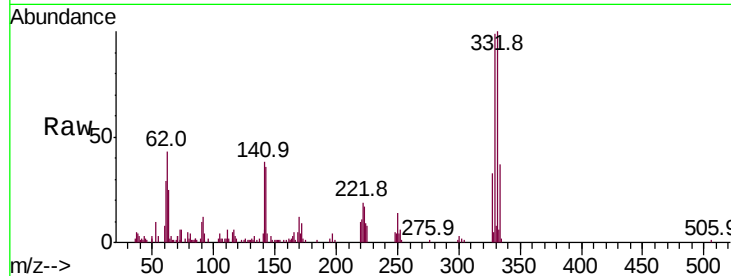




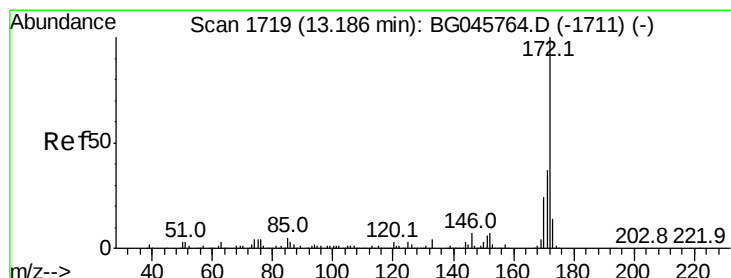
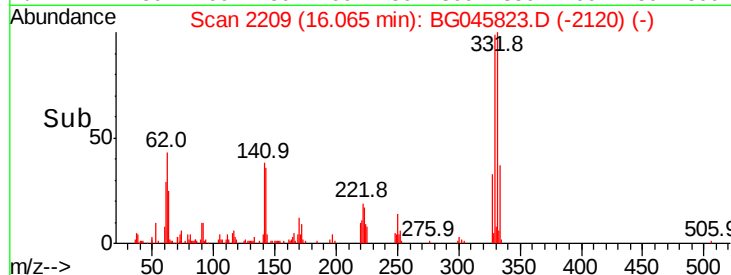
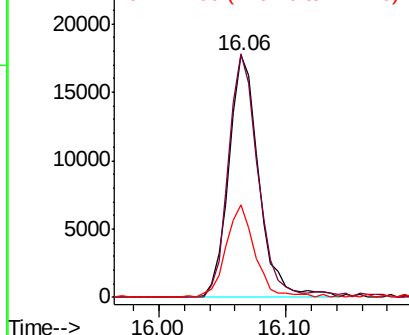
#42
2,4,6-Tribromophenol
Concen: 14.519 ng
RT: 16.06 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL

Tot Ion:330 Resp: 28885
Ion Ratio Lower Upper
330 100
332 98.2 78.6 117.8
141 36.9 28.2 42.4

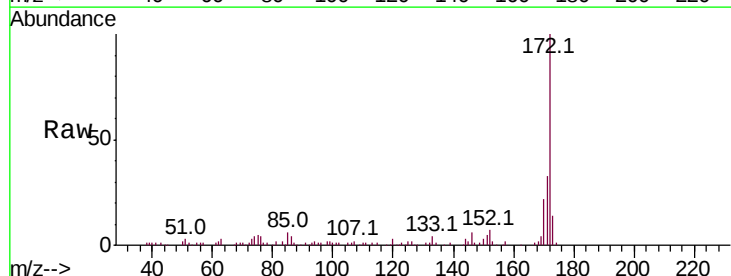


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

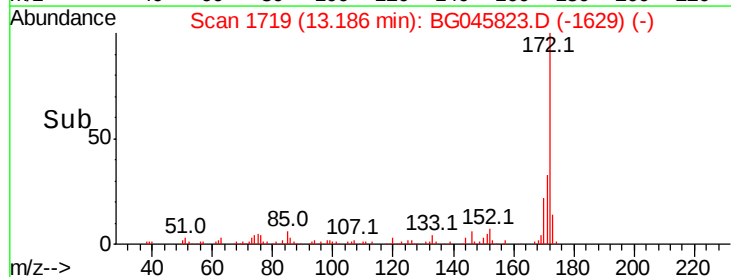
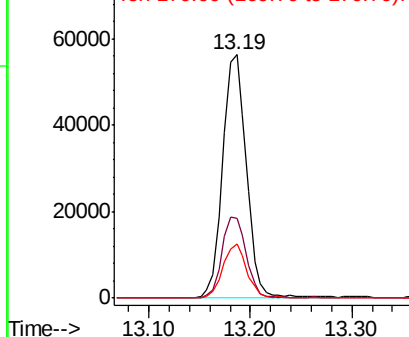


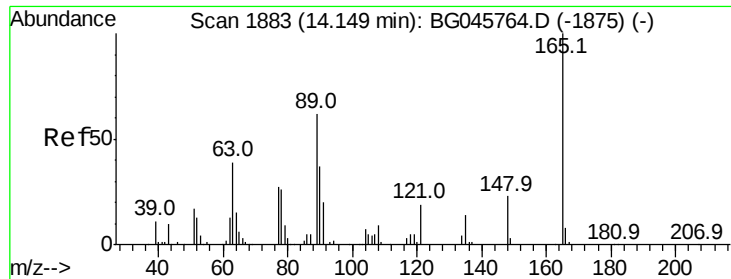
#45
2-Fluorobiphenyl
Concen: 10.236 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Tgt Ion:172 Resp: 91786
Ion Ratio Lower Upper
172 100
171 32.6 29.9 44.9
170 22.2 19.3 28.9



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

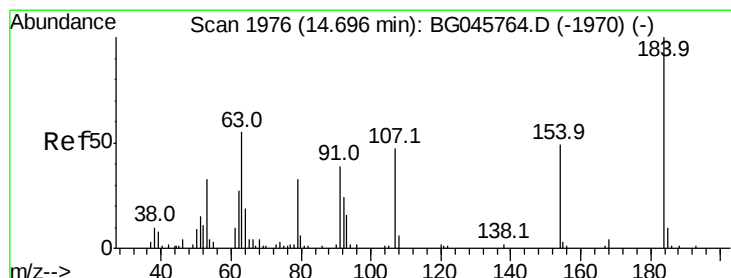
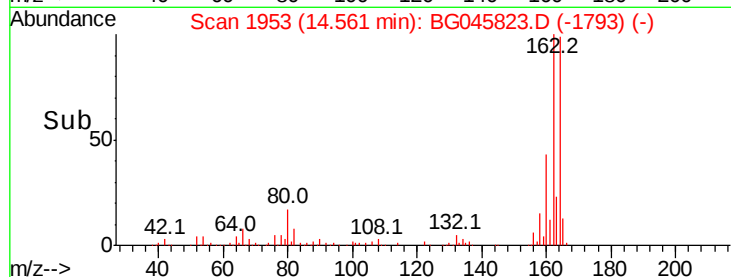
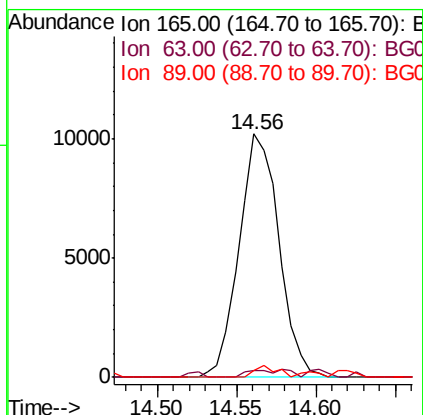
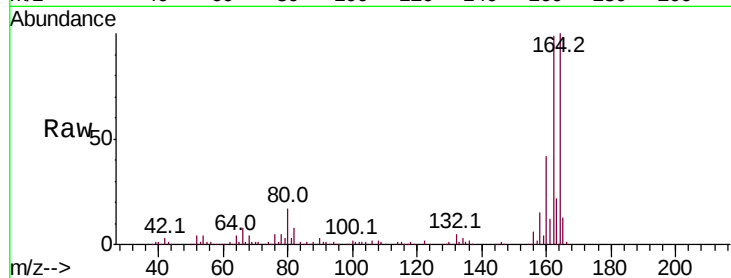




#51
 2,6-Dinitrotoluene
 Concen: 7.684 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. 0.41 min
 Lab File: BG045823.D
 Acq: 22 Jun 2020 11:57

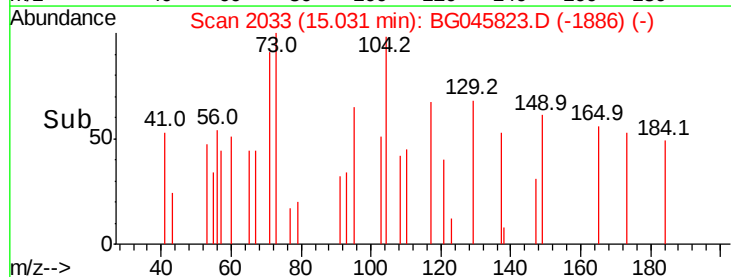
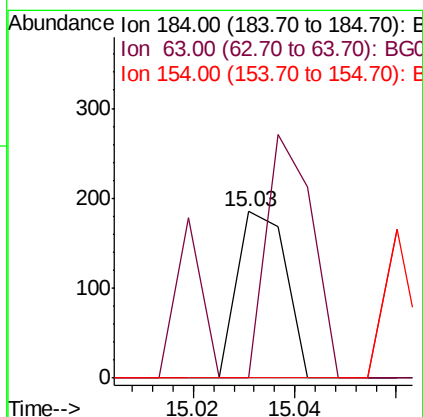
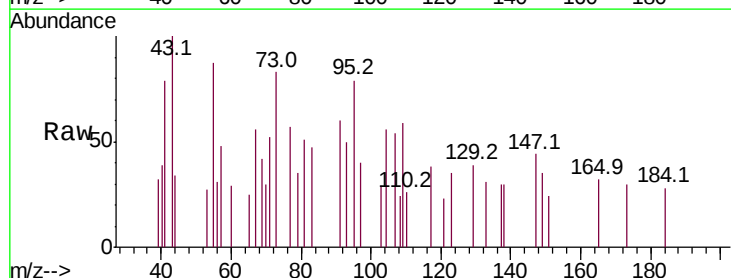
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-200616DL

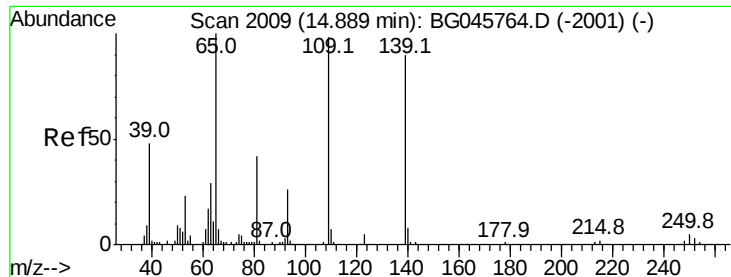
Tot Ion:165 Resp: 17817
 Ion Ratio Lower Upper
 165 100
 63 2.7 41.2 61.8#
 89 3.0 49.7 74.5#



#54
 2,4-Dinitrophenol
 Concen: 9.910 ng
 RT: 15.03 min Scan# 2033
 Delta R.T. 0.34 min
 Lab File: BG045823.D
 Acq: 22 Jun 2020 11:57

Tgt Ion:184 Resp: 125
 Ion Ratio Lower Upper
 184 100
 63 0.0 46.6 70.0#
 154 0.0 58.6 87.8#

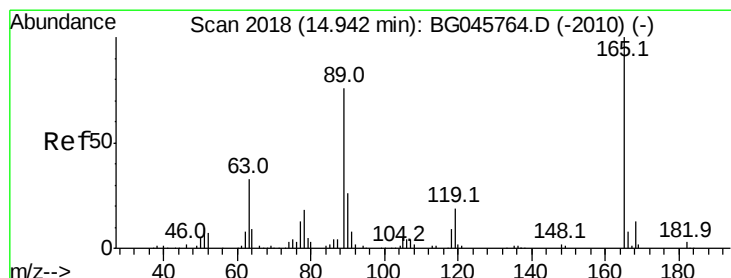
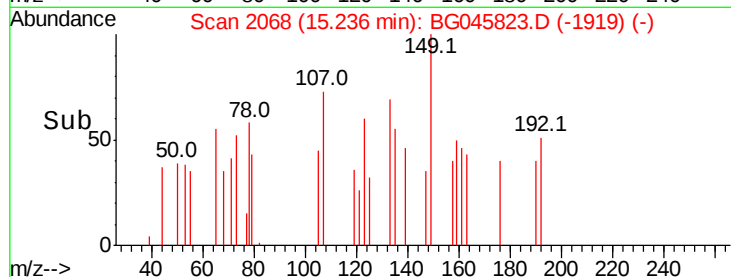
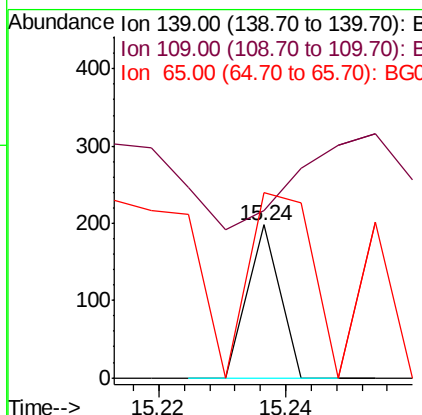
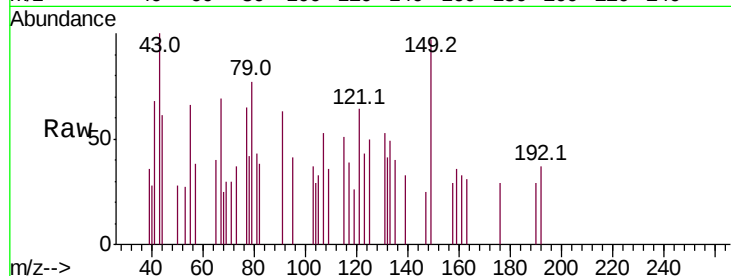




#56
4-Nitrophenol
Concen: 4.013 ng
RT: 15.24 min Scan# 2068
Delta R.T. 0.35 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

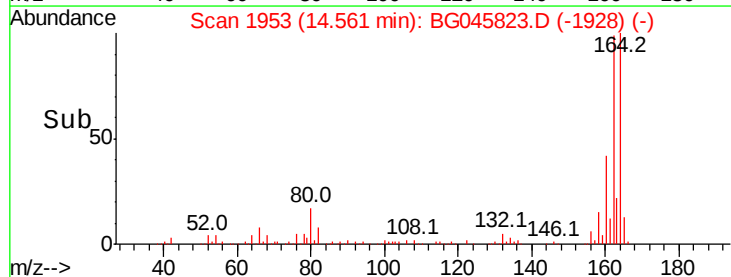
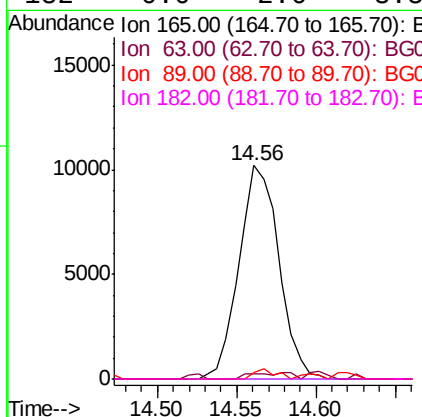
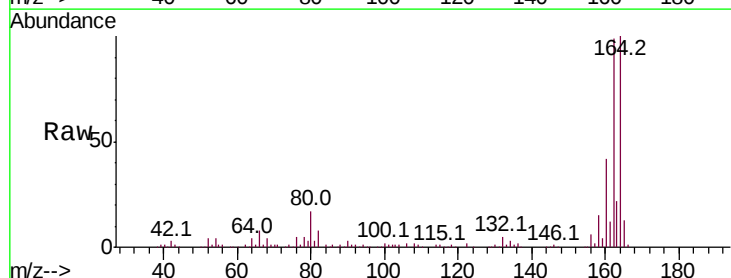
Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL

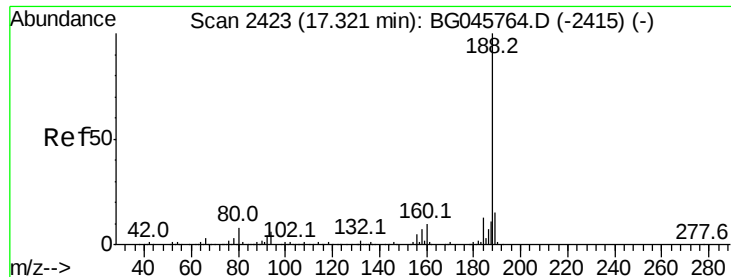
Tot Ion:139 Resp: 70
Ion Ratio Lower Upper
139 100
109 109.6 88.9 128.9
65 121.2 92.3 132.3



#57
2,4-Dinitrotoluene
Concen: 5.363 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.38 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Tgt Ion:165 Resp: 17817
Ion Ratio Lower Upper
165 100
63 2.7 33.8 50.8#
89 3.0 60.4 90.6#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG045823.D

Acq: 22 Jun 2020 11:57

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616DL

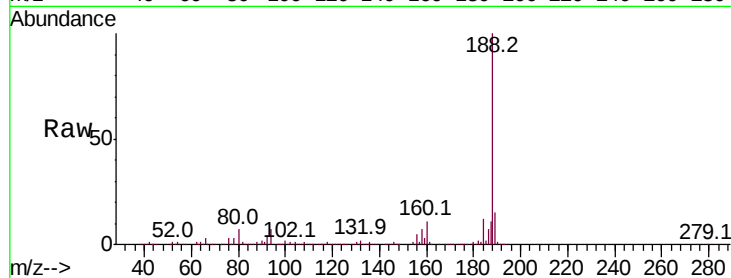
Tot Ion:188 Resp: 311554

Ion Ratio Lower Upper

188 100

94 7.5 5.1 7.7

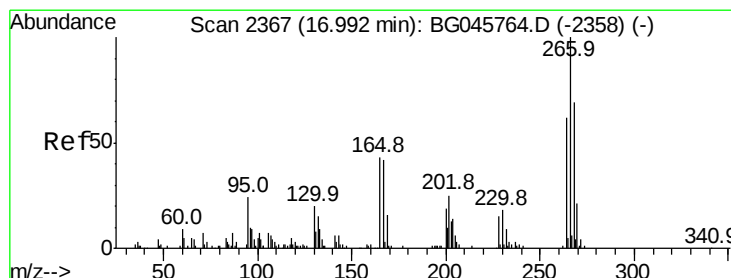
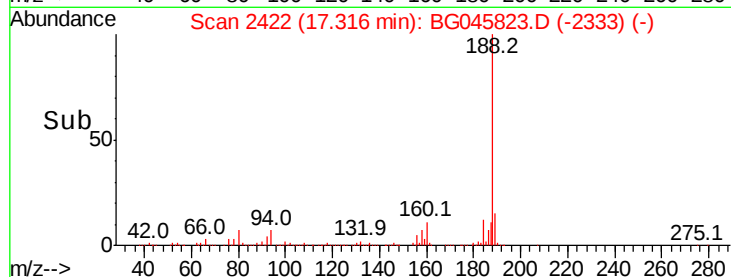
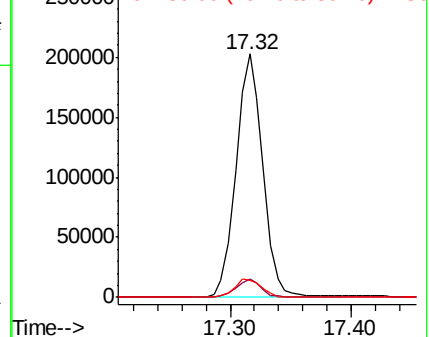
80 7.2 6.2 9.4



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



#70

Pentachlorophenol

Concen: 7.657 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.02 min

Lab File: BG045823.D

Acq: 22 Jun 2020 11:57

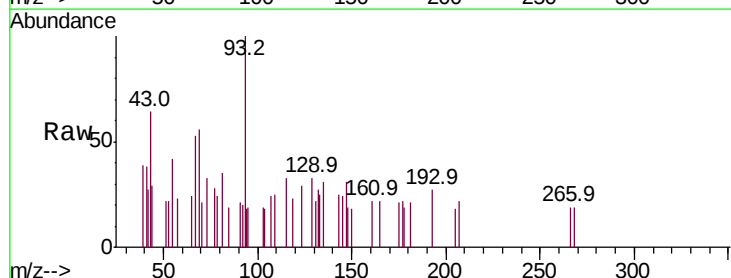
Tgt Ion:266 Resp: 56

Ion Ratio Lower Upper

266 100

268 103.7 55.4 83.0#

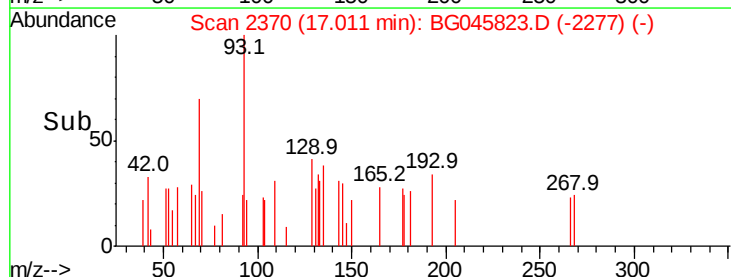
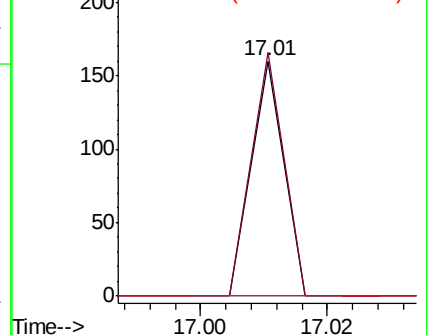
264 0.0 49.8 74.6#

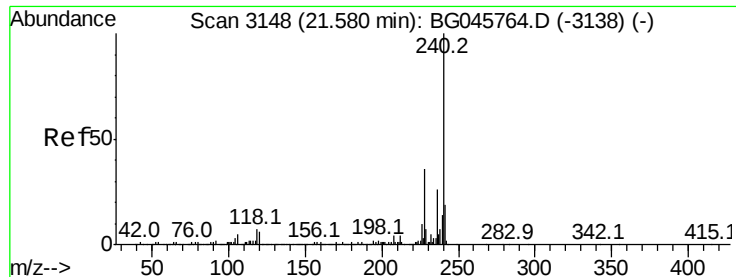


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

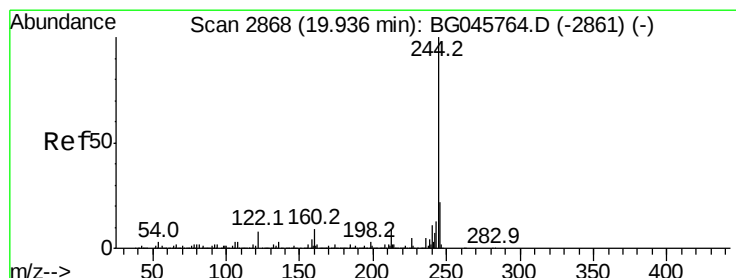
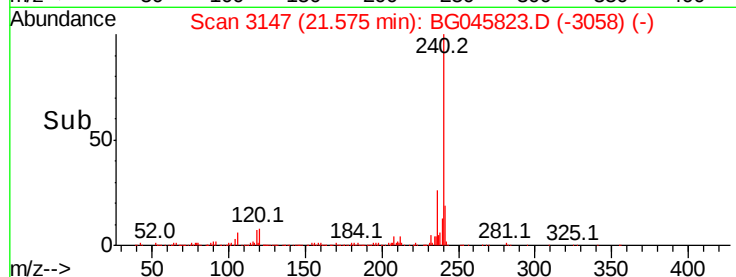
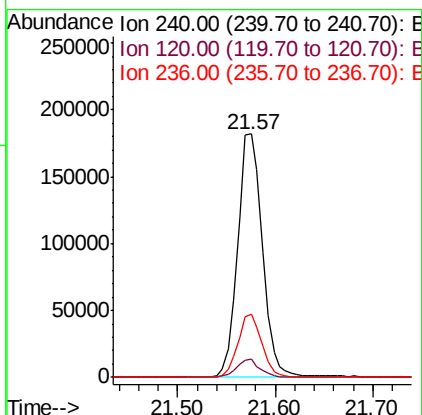
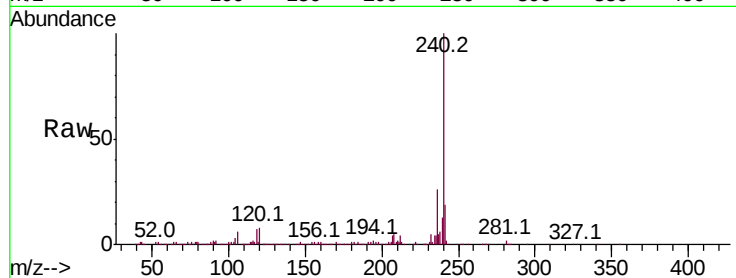




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

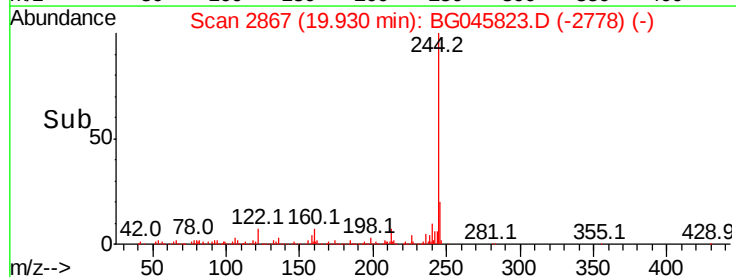
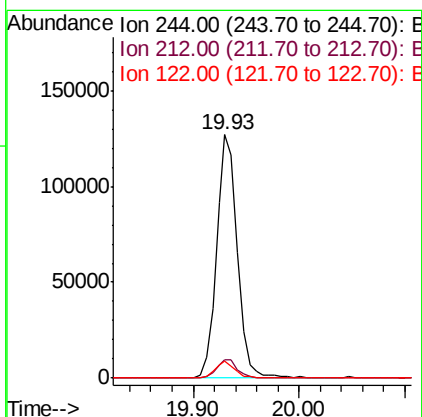
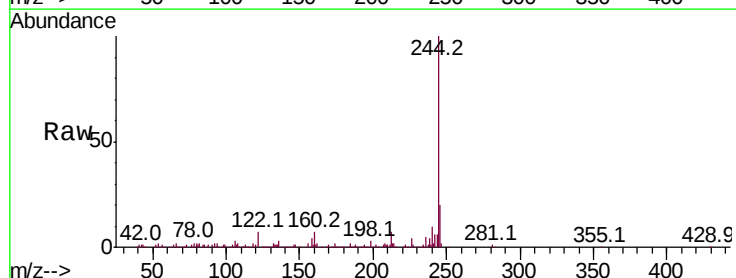
Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL

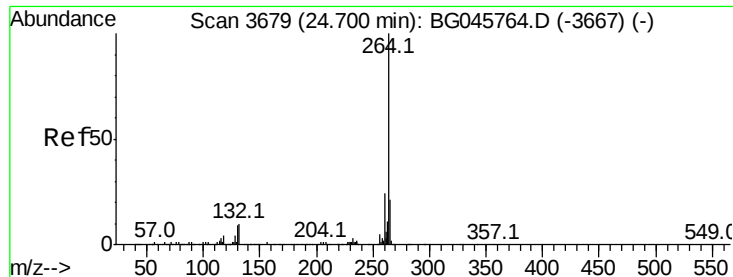
Tot Ion:240 Resp: 321279
Ion Ratio Lower Upper
240 100
120 7.7 5.0 7.4#
236 25.8 20.6 30.8



#79
Terphenyl-d14
Concen: 10.998 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Tgt Ion:244 Resp: 174346
Ion Ratio Lower Upper
244 100
212 7.4 7.2 10.8
122 7.0 6.4 9.6





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045823.D
Acq: 22 Jun 2020 11:57

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.4	17.4	26.0

