

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048758.D
 Acq On : 17 Apr 2021 17:04
 Operator : CG/JU
 Sample : M2043-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-WC-WATER

Quant Time: Apr 19 00:27:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	17863	20.00	ng	0.00
21) Naphthalene-d8	10.902	136	66209	20.00	ng	#-0.01
39) Acenaphthene-d10	14.738	164	46132	20.00	ng	0.00
64) Phenanthrene-d10	17.488	188	115564	20.00	ng	#-0.01
76) Chrysene-d12	21.789	240	127957	20.00	ng	-0.01
86) Perylene-d12	25.126	264	135344	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.632	112	124138	116.23	ng	0.00
7) Phenol-d6	7.241	99	160831	106.46	ng	0.00
23) Nitrobenzene-d5	9.251	82	156783	106.02	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	24537	39.67	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	308460	96.56	ng	0.00
79) Terphenyl-d14	20.103	244	644347	86.67	ng	0.00

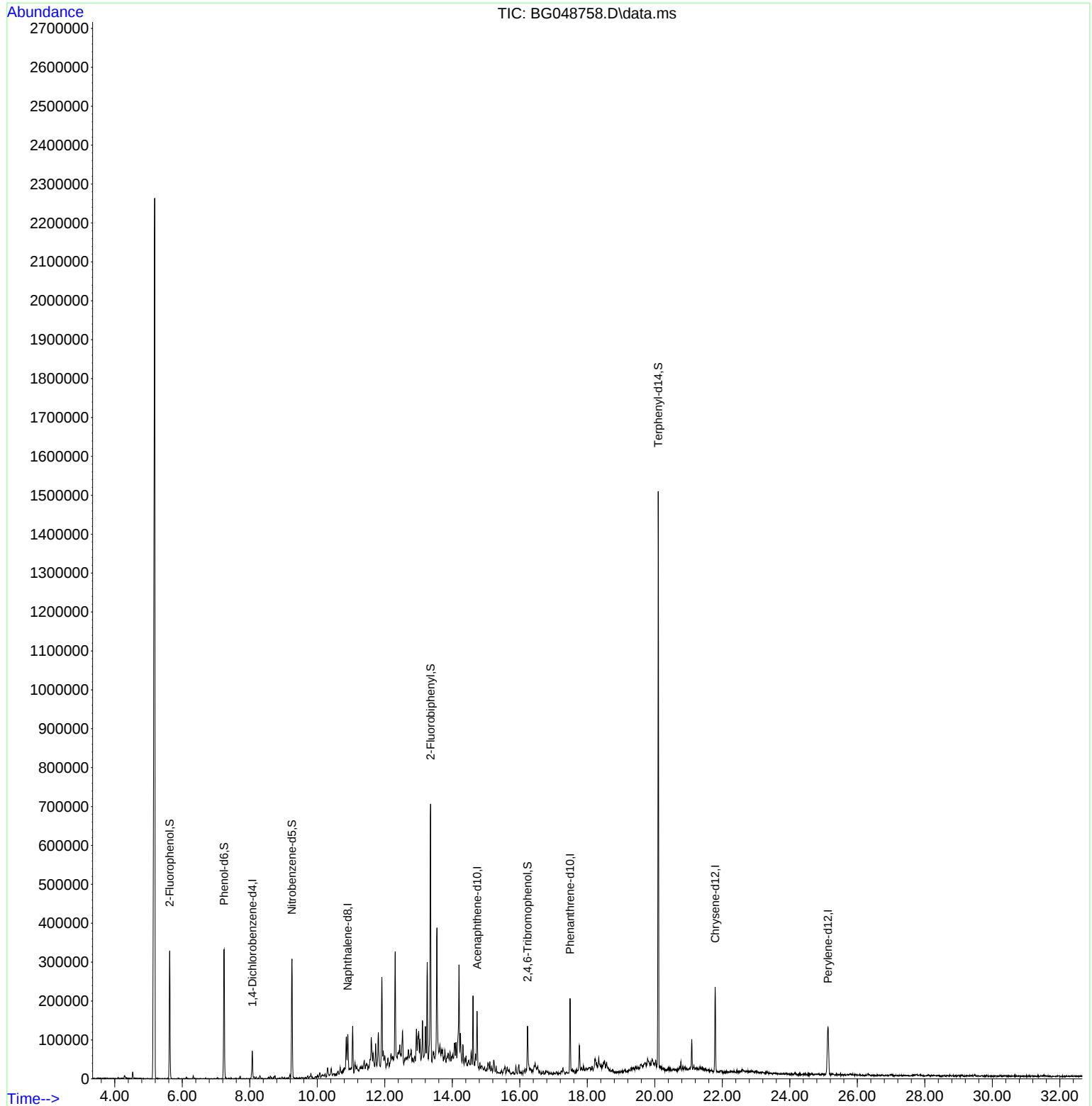
Target Compounds	Qvalue
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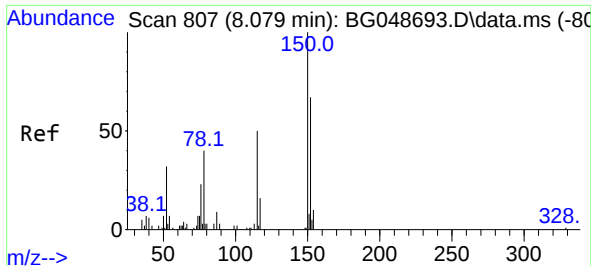
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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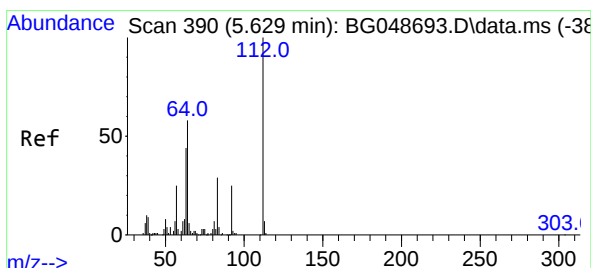
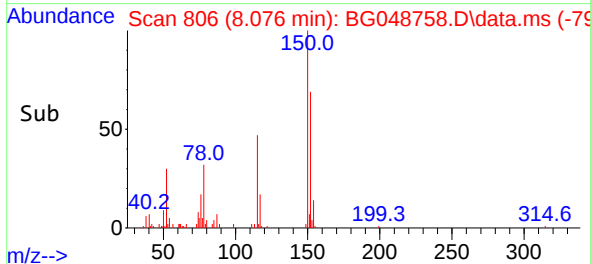
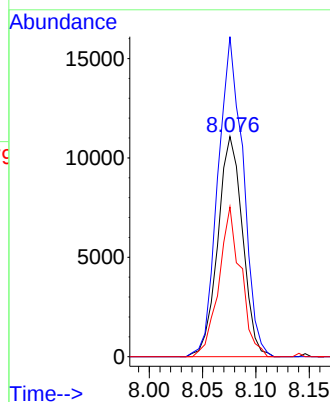
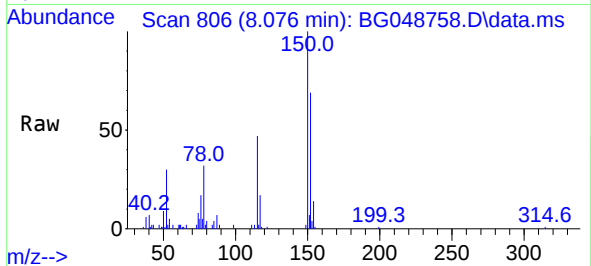




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.076 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG048758.D
Acq: 17 Apr 2021 17:04

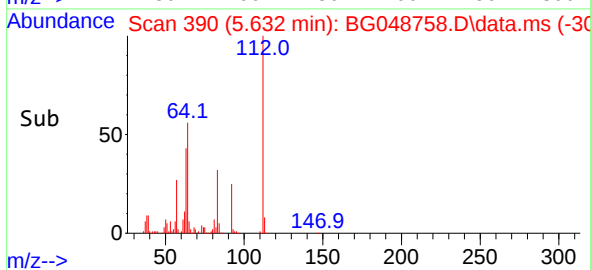
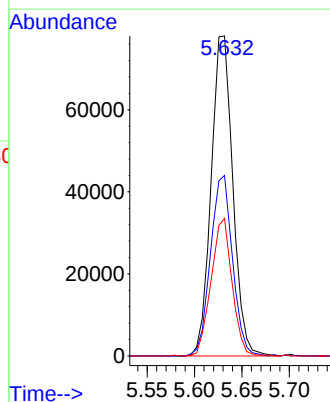
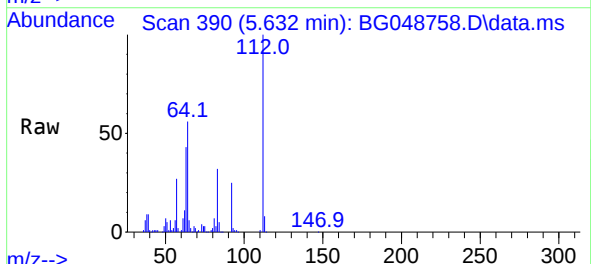
Instrument :
BNA_G
ClientSampleId :
FS-WC-WATER

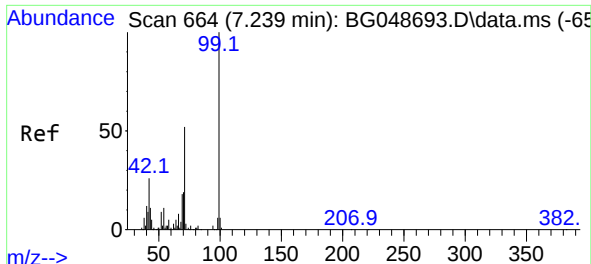
Tgt Ion:152 Resp: 17863
Ion Ratio Lower Upper
152 100
150 145.4 119.4 179.0
115 68.0 60.2 90.4



#5
2-Fluorophenol
Concen: 116.23 ng
RT: 5.632 min Scan# 390
Delta R.T. 0.002 min
Lab File: BG048758.D
Acq: 17 Apr 2021 17:04

Tgt Ion:112 Resp: 124138
Ion Ratio Lower Upper
112 100
64 56.4 46.7 70.1
63 43.0 35.3 52.9



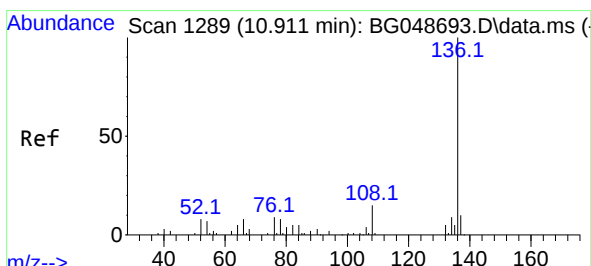
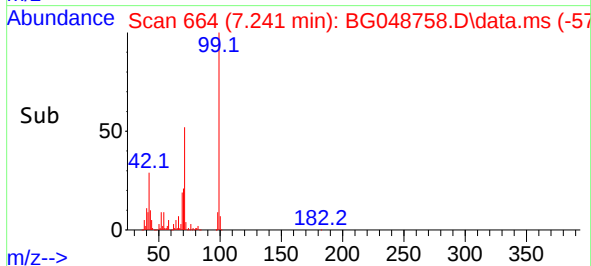
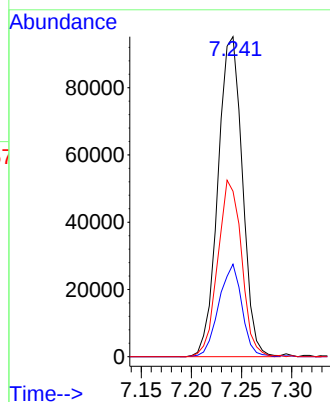
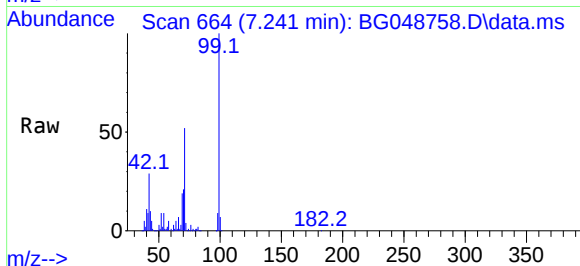


#7
Phenol-d6
Concen: 106.46 ng
RT: 7.241 min Scan# 664
Delta R.T. 0.002 min
Lab File: BG048758.D
Acq: 17 Apr 2021 17:04

Instrument :
BNA_G
ClientSampleId :
FS-WC-WATER

Tgt Ion: 99 Resp: 160831

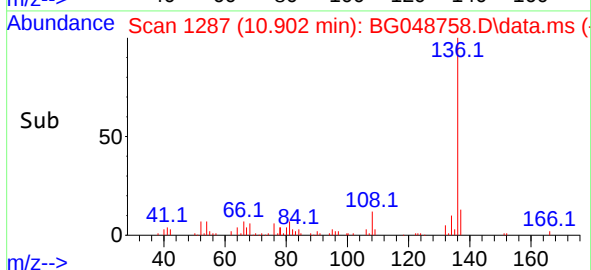
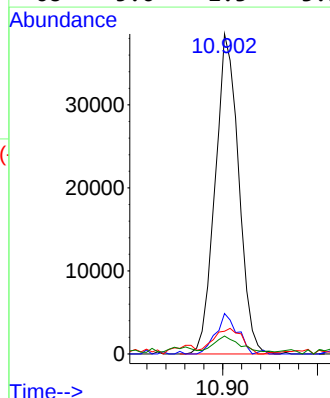
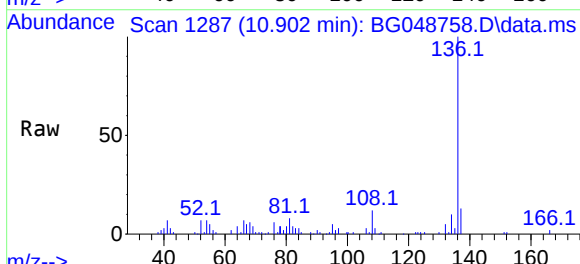
Ion	Ratio	Lower	Upper
99	100		
42	28.9	20.5	30.7
71	51.7	41.5	62.3

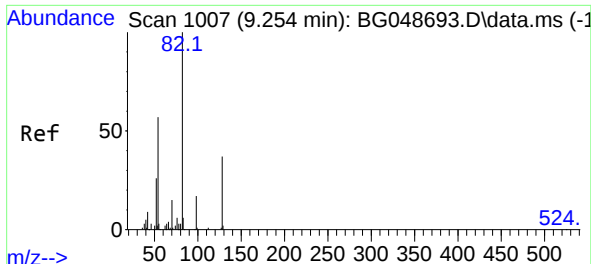


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.902 min Scan# 1287
Delta R.T. -0.010 min
Lab File: BG048758.D
Acq: 17 Apr 2021 17:04

Tgt Ion: 136 Resp: 66209

Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.2	12.2#
54	7.1	5.5	8.3
68	5.6	2.3	3.5#

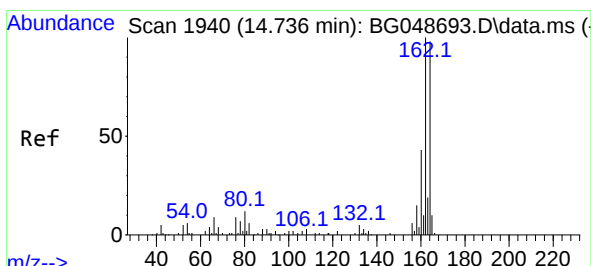
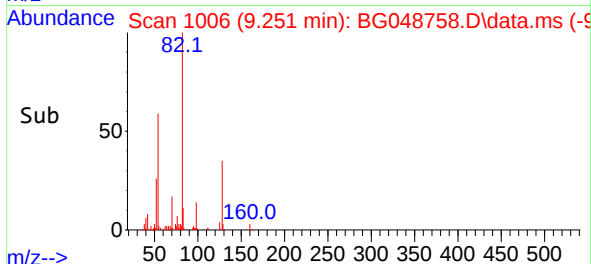
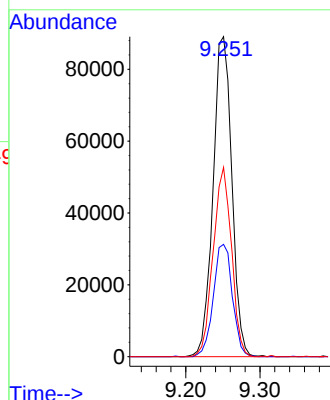
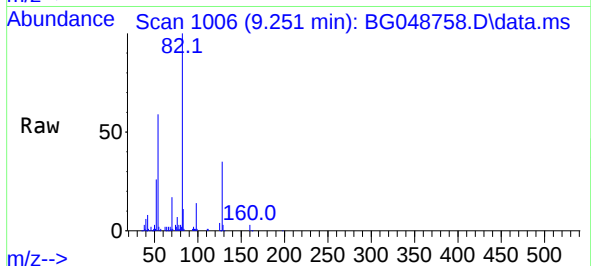




#23
Nitrobenzene-d5
Concen: 106.02 ng
RT: 9.251 min Scan# 1006
Delta R.T. -0.004 min
Lab File: BG048758.D
Acq: 17 Apr 2021 17:04

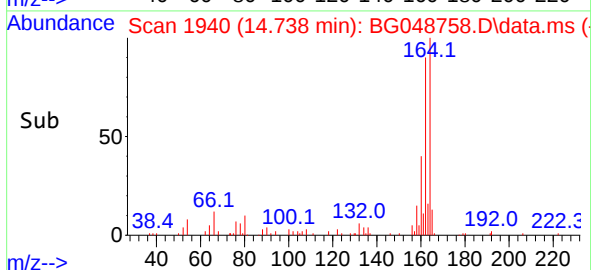
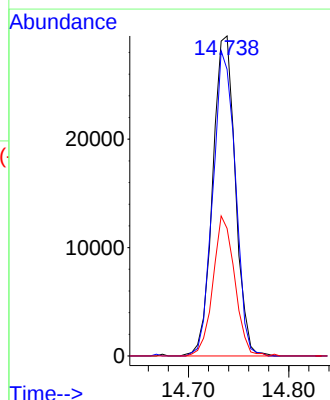
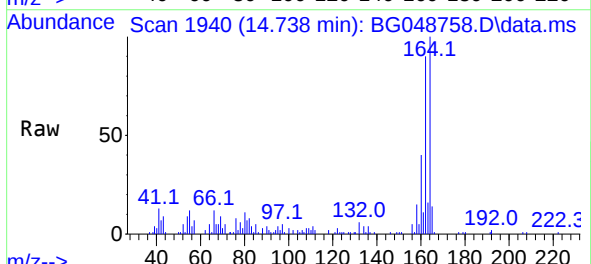
Instrument :
BNA_G
ClientSampleId :
FS-WC-WATER

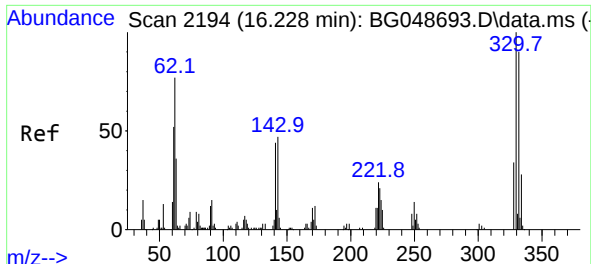
Tgt Ion: 82 Resp: 156783
Ion Ratio Lower Upper
82 100
128 35.1 29.8 44.6
54 59.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.738 min Scan# 1940
Delta R.T. -0.004 min
Lab File: BG048758.D
Acq: 17 Apr 2021 17:04

Tgt Ion:164 Resp: 46132
Ion Ratio Lower Upper
164 100
162 89.6 81.4 122.0
160 39.9 34.9 52.3

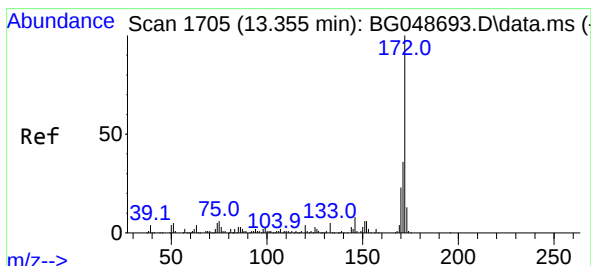
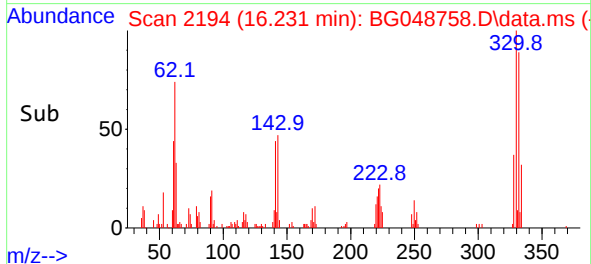
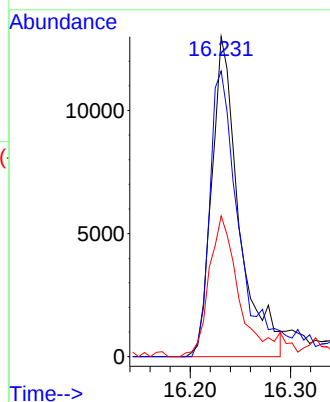
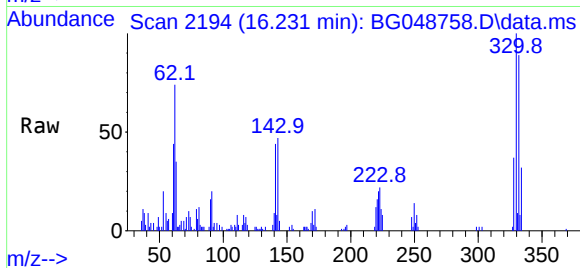




#42
2,4,6-Tribromophenol
Concen: 39.67 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG048758.D
Acq: 17 Apr 2021 17:04

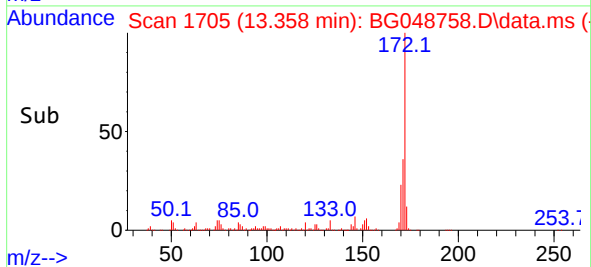
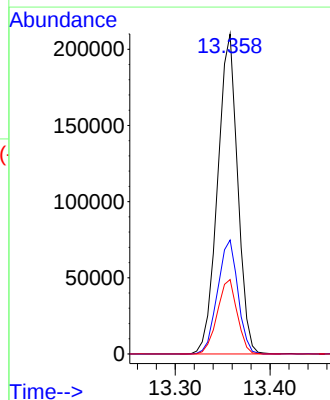
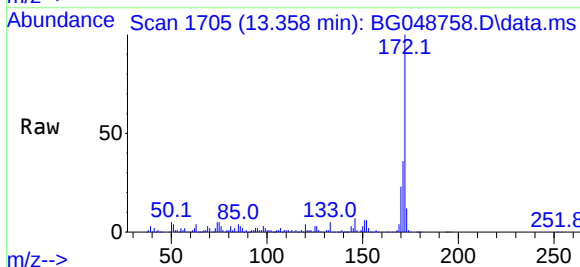
Instrument :
BNA_G
ClientSampleId :
FS-WC-WATER

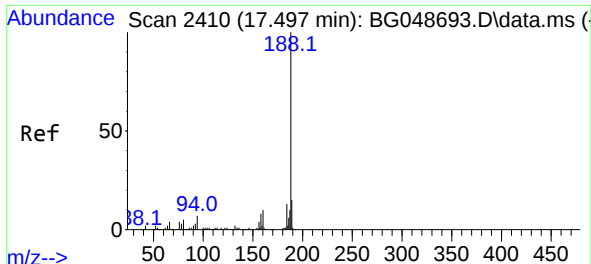
Tgt Ion:	330	Resp:	24537
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.3	115.9
141	45.2	35.6	53.4



#45
2-Fluorobiphenyl
Concen: 96.56 ng
RT: 13.358 min Scan# 1705
Delta R.T. 0.002 min
Lab File: BG048758.D
Acq: 17 Apr 2021 17:04

Tgt Ion:	172	Resp:	308460
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	43.0
170	23.3	18.6	27.8

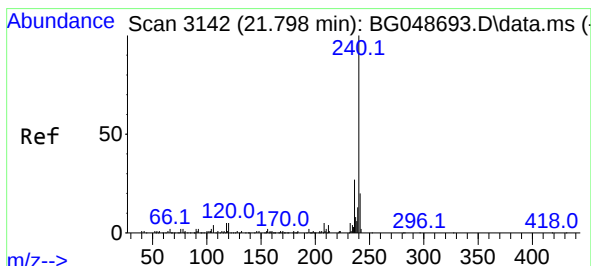
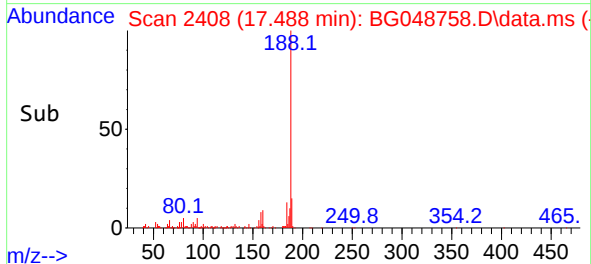
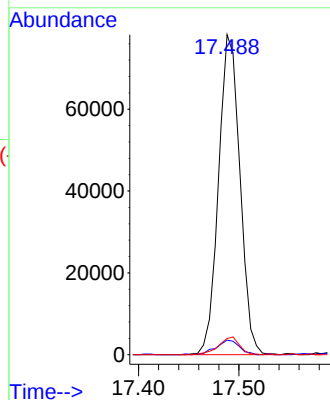
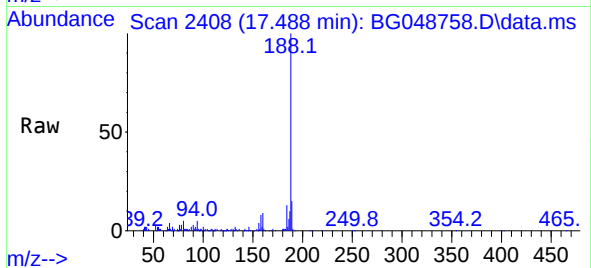




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.488 min Scan# 2408
Delta R.T. -0.010 min
Lab File: BG048758.D
Acq: 17 Apr 2021 17:04

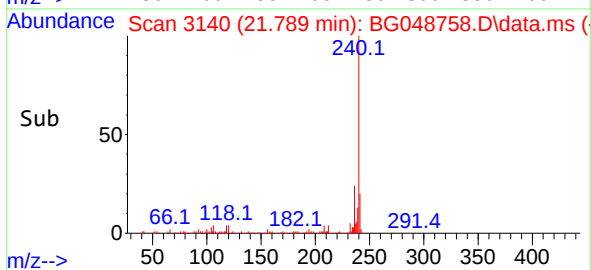
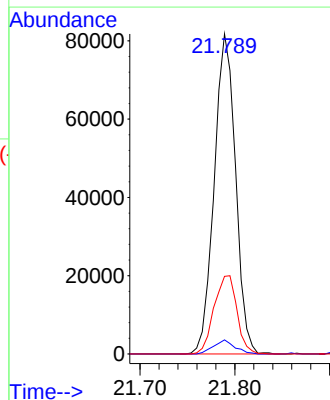
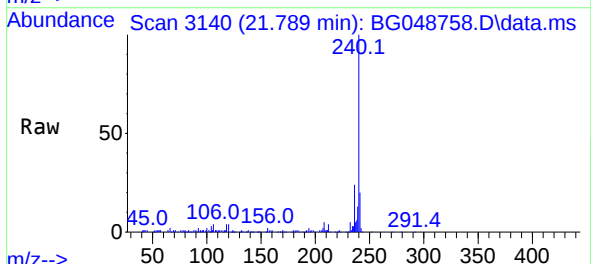
Instrument :
BNA_G
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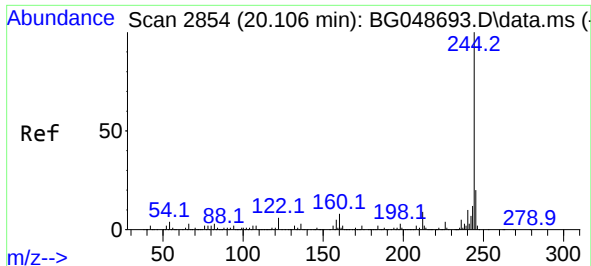
Tgt Ion:188 Resp: 115564
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.0 3.7 5.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.789 min Scan# 3140
Delta R.T. -0.010 min
Lab File: BG048758.D
Acq: 17 Apr 2021 17:04

Tgt Ion:240 Resp: 127957
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 24.3 21.8 32.6

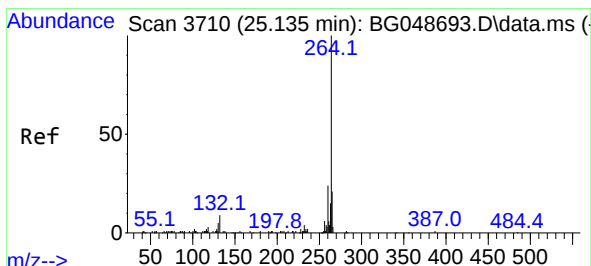
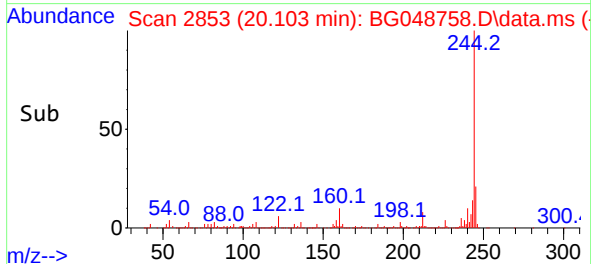
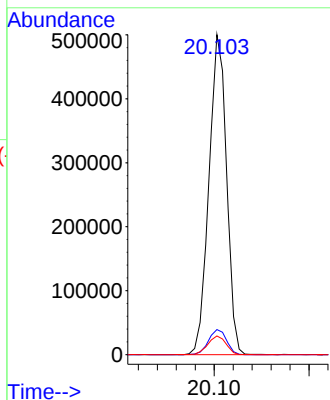
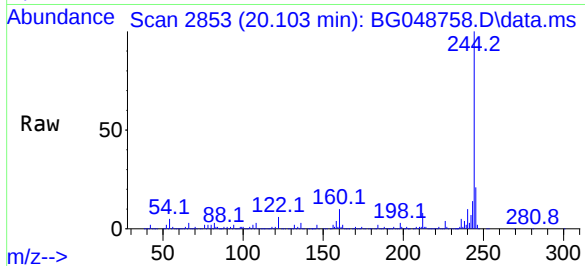




#79
Terphenyl-d14
Concen: 86.67 ng
RT: 20.103 min Scan# 2853
Delta R.T. -0.004 min
Lab File: BG048758.D
Acq: 17 Apr 2021 17:04

Instrument :
BNA_G
ClientSampleId :
FS-WC-WATER

Tgt Ion:244 Resp: 644347
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 5.8 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.126 min Scan# 3708
Delta R.T. -0.016 min
Lab File: BG048758.D
Acq: 17 Apr 2021 17:04

Tgt Ion:264 Resp: 135344
Ion Ratio Lower Upper
264 100
260 19.7 19.4 29.2
265 20.8 16.9 25.3

