

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048797.D
 Acq On : 20 Apr 2021 16:47
 Operator : CG/JU
 Sample : M2043-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-WC-SOIL

Quant Time: Apr 20 17:37:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	16207	20.00	ng	0.00
21) Naphthalene-d8	10.887	136	63259	20.00	ng	0.00
39) Acenaphthene-d10	14.718	164	41291	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	109280	20.00	ng	0.00
76) Chrysene-d12	21.775	240	133812	20.00	ng	# 0.00
86) Perylene-d12	25.100	264	129008	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	131287	135.48	ng	0.00
7) Phenol-d6	7.227	99	148323	108.21	ng	0.00
23) Nitrobenzene-d5	9.236	82	135860	96.15	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	84947	153.44	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	263564	92.18	ng	0.00
79) Terphenyl-d14	20.094	244	646732	83.18	ng	0.00

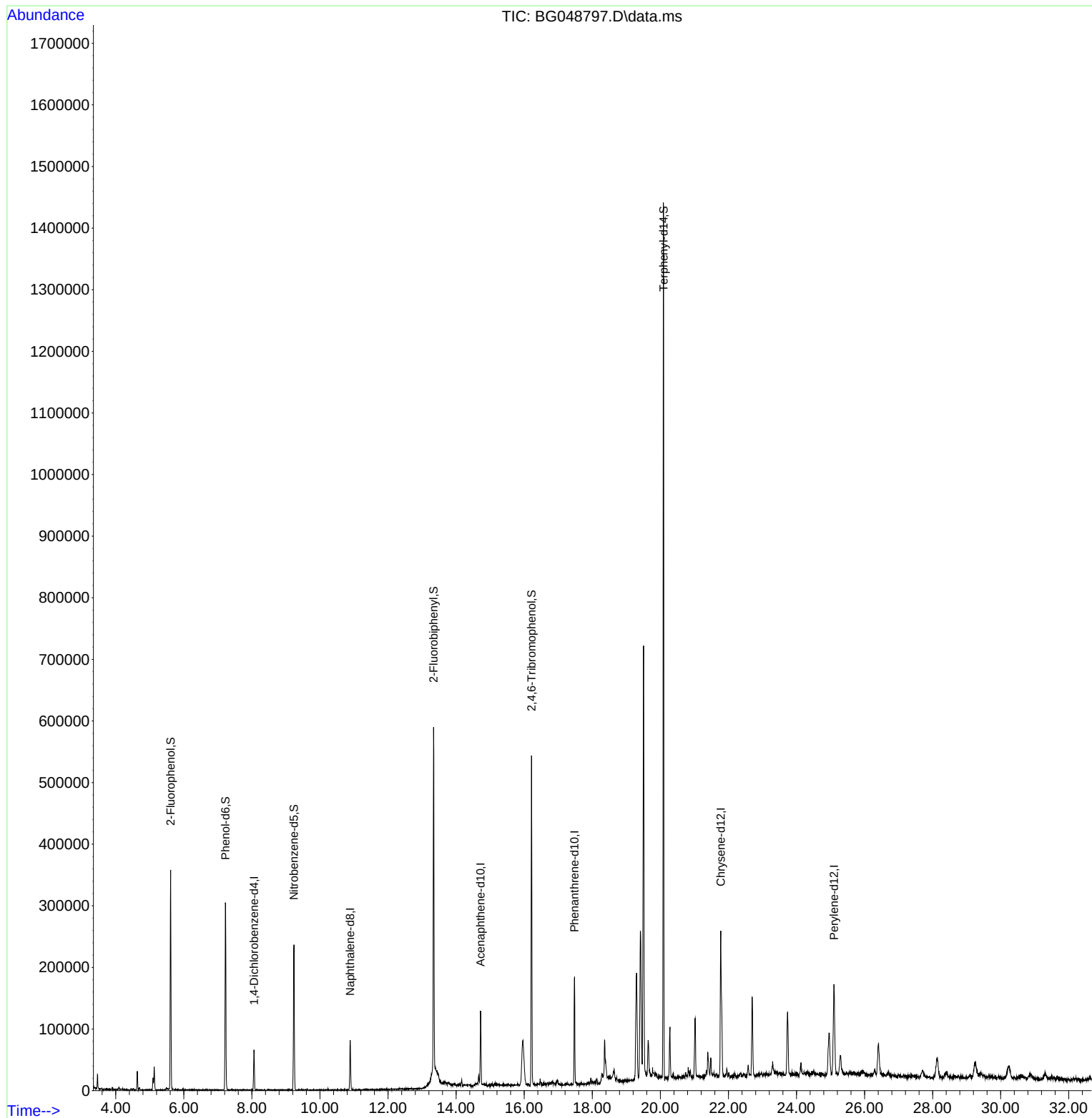
Target Compounds	Qvalue

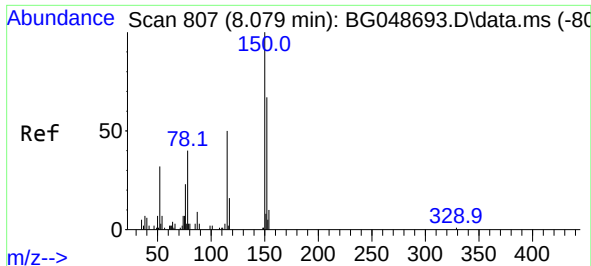
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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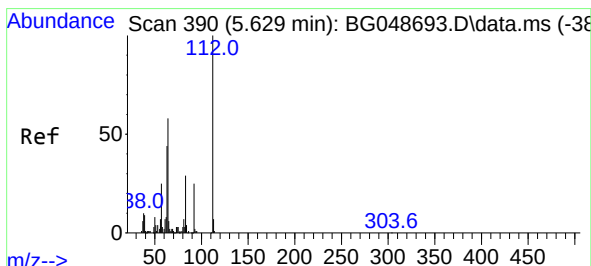
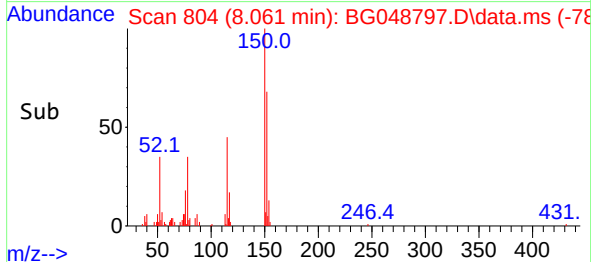
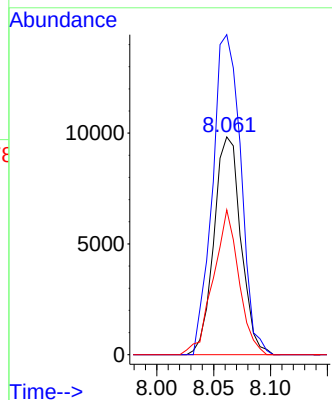
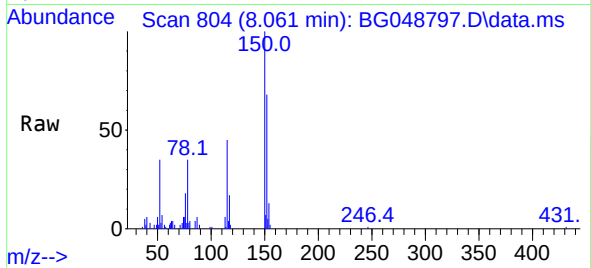




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.061 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG048797.D
Acq: 20 Apr 2021 16:47

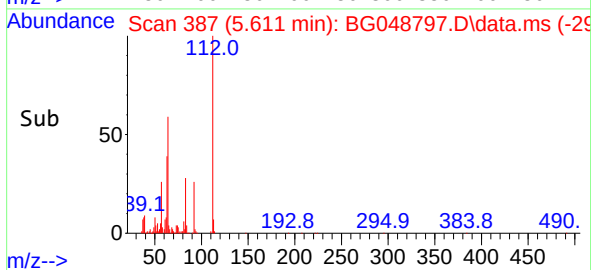
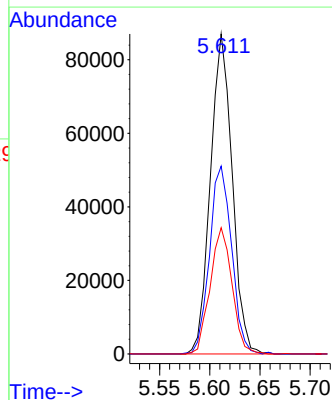
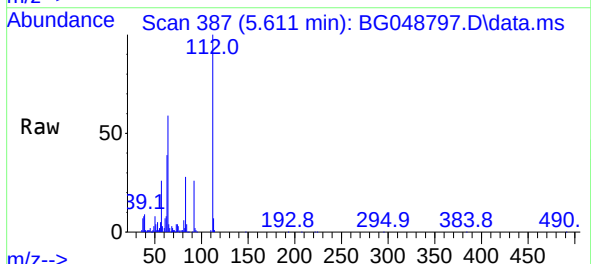
Instrument :
BNA_G
ClientSampled :
FS-WC-SOIL

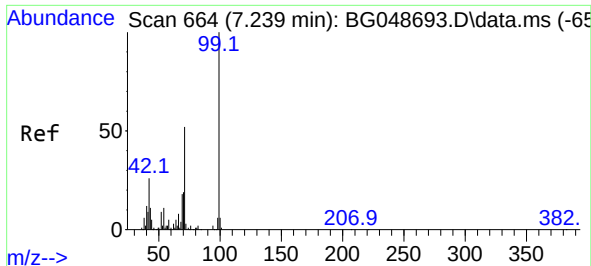
Tgt Ion:152 Resp: 16207
Ion Ratio Lower Upper
152 100
150 146.9 119.4 179.0
115 66.5 60.2 90.4



#5
2-Fluorophenol
Concen: 135.48 ng
RT: 5.611 min Scan# 387
Delta R.T. 0.006 min
Lab File: BG048797.D
Acq: 20 Apr 2021 16:47

Tgt Ion:112 Resp: 131287
Ion Ratio Lower Upper
112 100
64 58.7 46.7 70.1
63 39.4 35.3 52.9

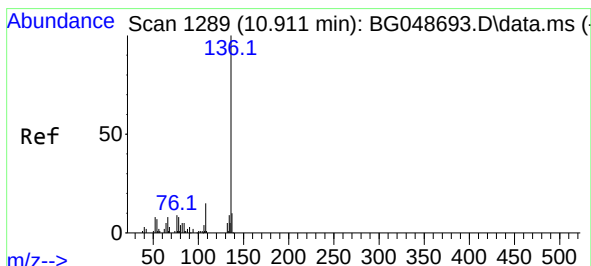
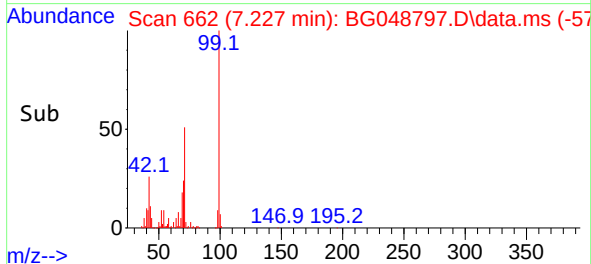
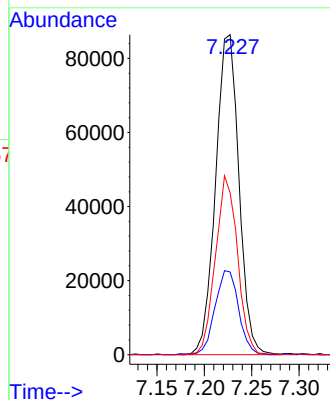
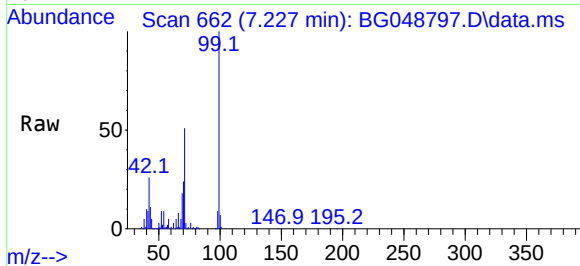




#7
Phenol-d6
Concen: 108.21 ng
RT: 7.227 min Scan# 662
Delta R.T. 0.006 min
Lab File: BG048797.D
Acq: 20 Apr 2021 16:47

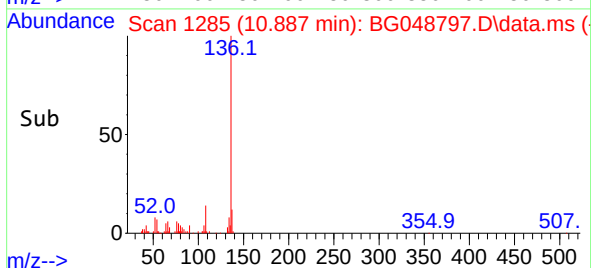
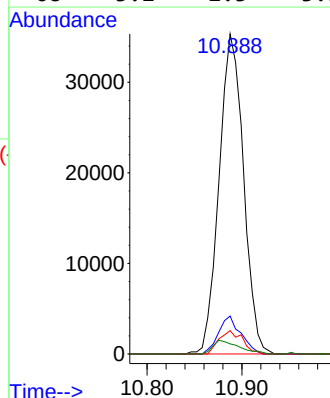
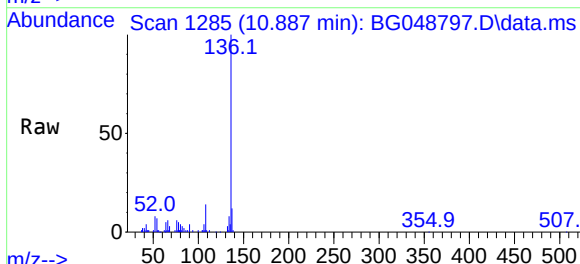
Instrument :
BNA_G
ClientSampleId :
FS-WC-SOIL

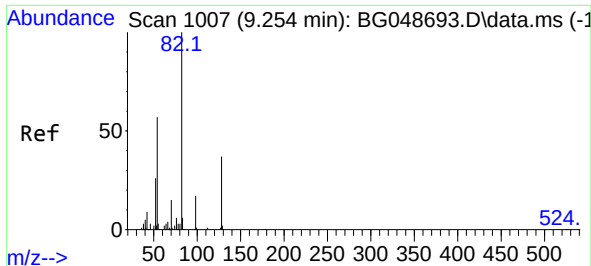
Tgt Ion: 99 Resp: 148323
Ion Ratio Lower Upper
99 100
42 25.9 20.5 30.7
71 50.6 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.887 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BG048797.D
Acq: 20 Apr 2021 16:47

Tgt Ion: 136 Resp: 63259
Ion Ratio Lower Upper
136 100
137 11.9 8.2 12.2
54 7.3 5.5 8.3
68 3.2 2.3 3.5

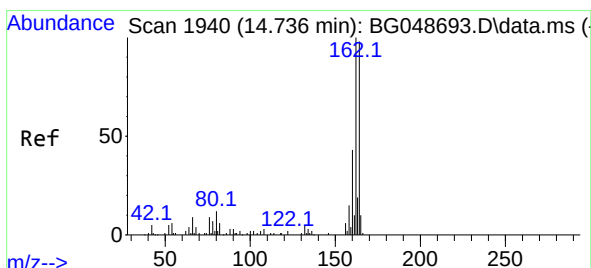
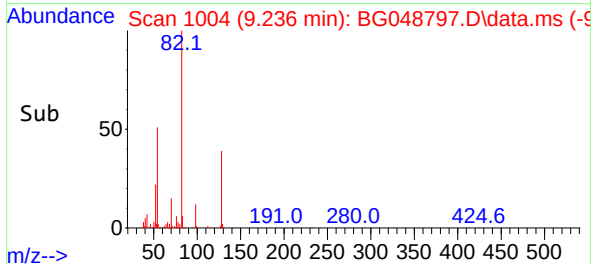
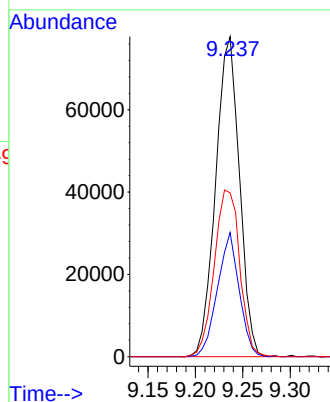
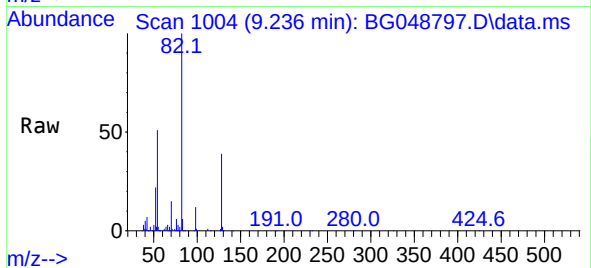




#23
Nitrobenzene-d5
Concen: 96.15 ng
RT: 9.236 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BG048797.D
Acq: 20 Apr 2021 16:47

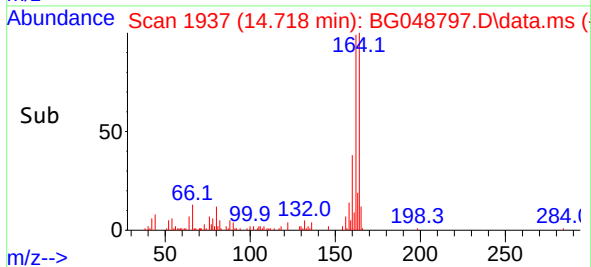
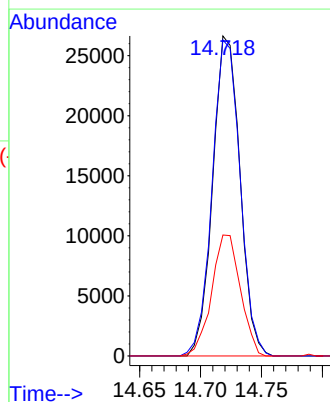
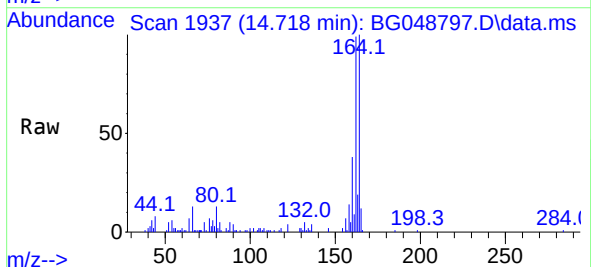
Instrument :
BNA_G
ClientSampleId :
FS-WC-SOIL

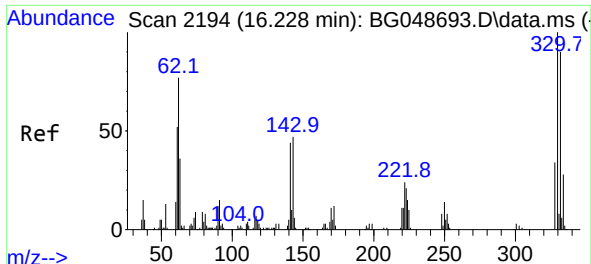
Tgt Ion: 82 Resp: 135860
Ion Ratio Lower Upper
82 100
128 38.8 29.8 44.6
54 51.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.718 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG048797.D
Acq: 20 Apr 2021 16:47

Tgt Ion:164 Resp: 41291
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.0
160 37.8 34.9 52.3

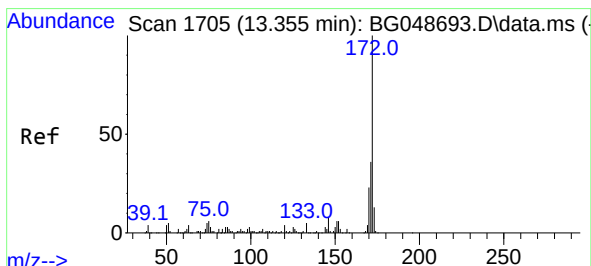
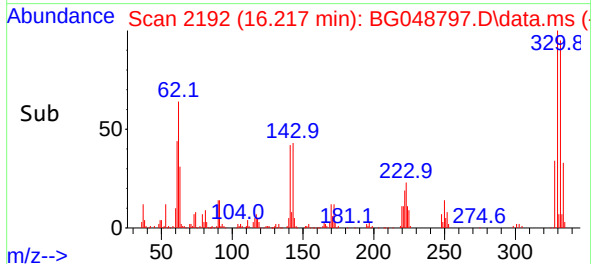
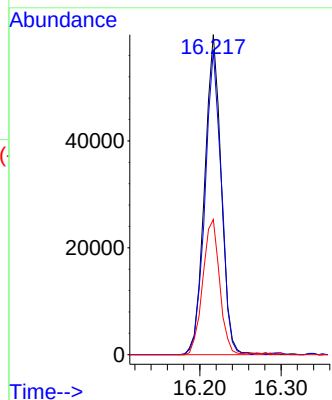
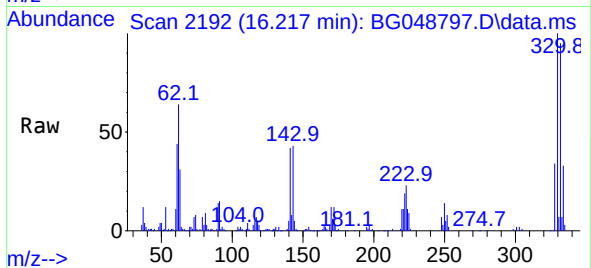




#42
2,4,6-Tribromophenol
Concen: 153.44 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BG048797.D
Acq: 20 Apr 2021 16:47

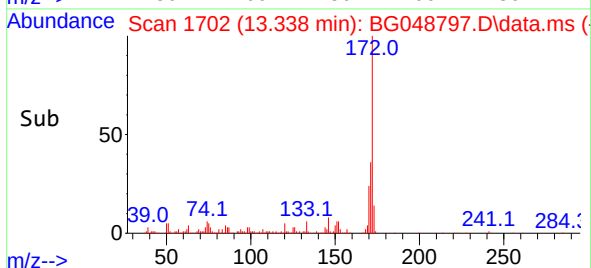
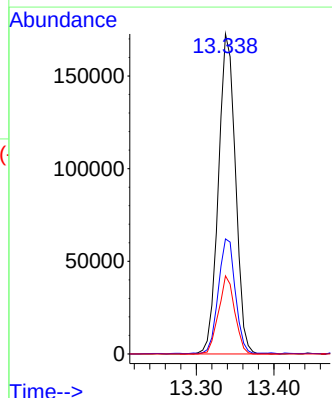
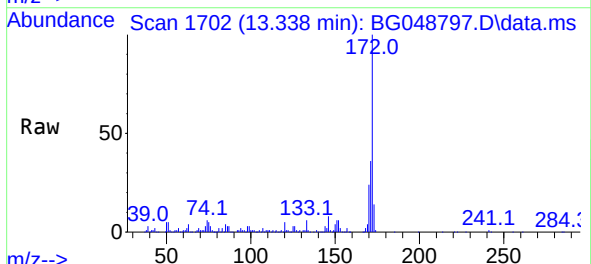
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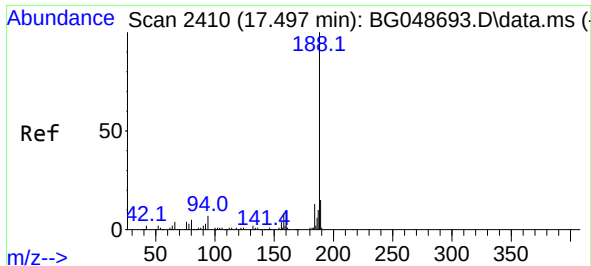
Tgt Ion:330 Resp: 84947
Ion Ratio Lower Upper
330 100
332 93.6 77.3 115.9
141 42.9 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 92.18 ng
RT: 13.338 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BG048797.D
Acq: 20 Apr 2021 16:47

Tgt Ion:172 Resp: 263564
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.4 18.6 27.8

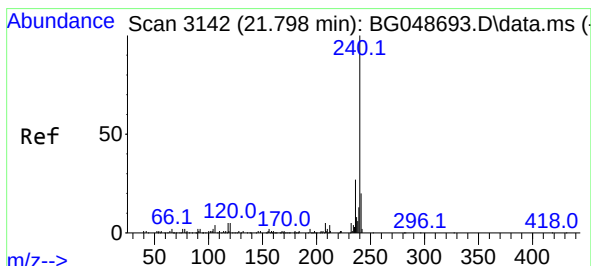
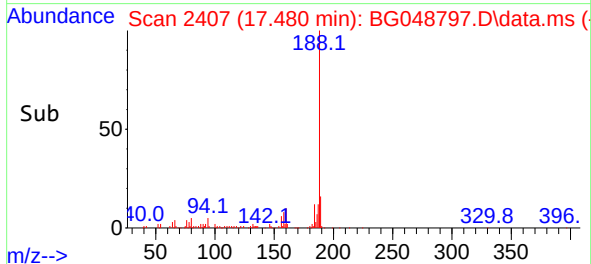
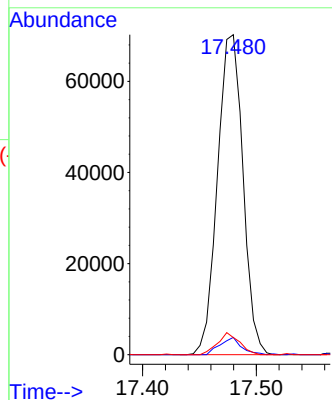
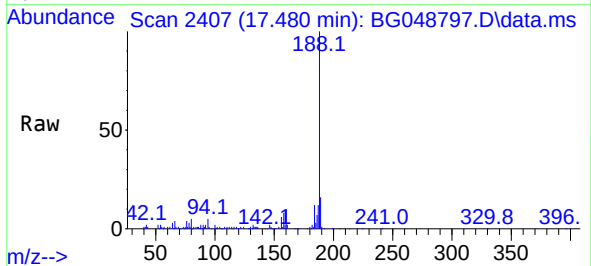




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BG048797.D
Acq: 20 Apr 2021 16:47

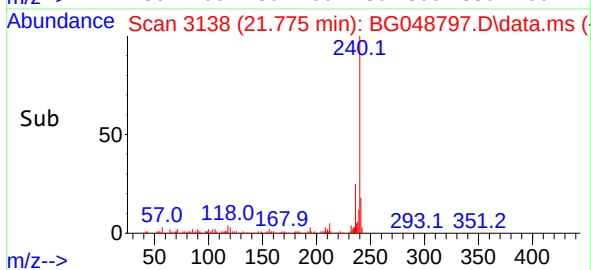
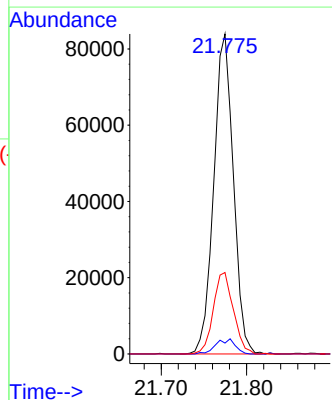
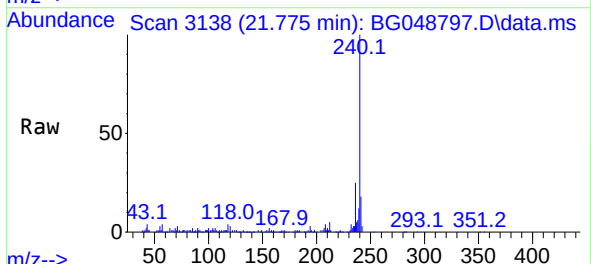
Instrument :
BNA_G
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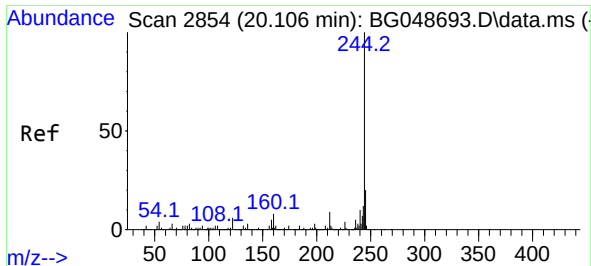
Tgt Ion:188 Resp: 109280
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 5.4 3.7 5.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.775 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BG048797.D
Acq: 20 Apr 2021 16:47

Tgt Ion:240 Resp: 133812
Ion Ratio Lower Upper
240 100
120 3.4 4.2 6.2#
236 25.5 21.8 32.6



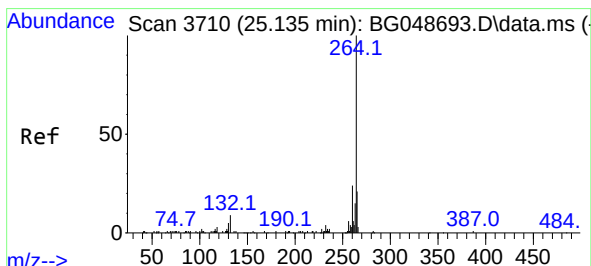
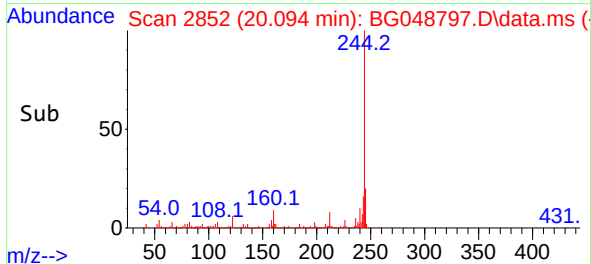
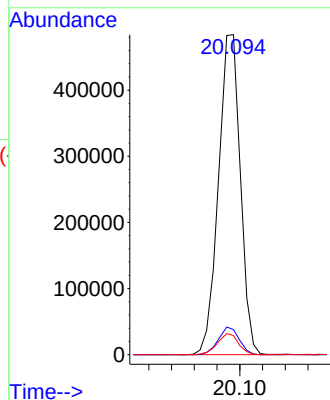
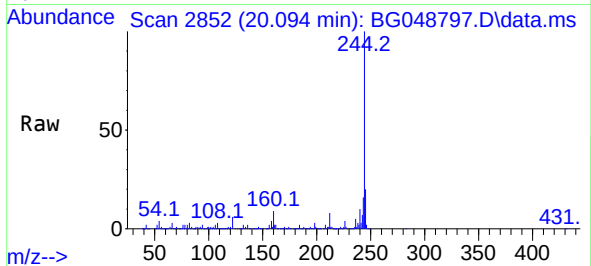


#79
 Terphenyl-d14
 Concen: 83.18 ng
 RT: 20.094 min Scan# 2852
 Delta R.T. 0.000 min
 Lab File: BG048797.D
 Acq: 20 Apr 2021 16:47

Instrument :
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 ClientSampled :
 FS-WC-SOIL

Tgt Ion:244 Resp: 646732

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.9	10.3
122	6.0	5.0	7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.100 min Scan# 3704
 Delta R.T. -0.012 min
 Lab File: BG048797.D
 Acq: 20 Apr 2021 16:47

Tgt Ion:264 Resp: 129008

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	20.4	16.9	25.3

