

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048757.D
 Acq On : 17 Apr 2021 16:24
 Operator : CG/JU
 Sample : M2043-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-WC-SOIL

Quant Time: Apr 19 00:27:07 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	8.077	152	16029	20.00	ng	0.00
21) Naphthalene-d8	10.903	136	67898	20.00	ng	0.00
39) Acenaphthene-d10	14.734	164	48159	20.00	ng	0.00
64) Phenanthrene-d10	17.490	188	115934	20.00	ng	# 0.00
76) Chrysene-d12	21.791	240	127617	20.00	ng	# 0.00
86) Perylene-d12	25.128	264	129697	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.627	112	135242	141.12	ng	0.00
7) Phenol-d6	7.237	99	152738	112.67	ng	0.00
23) Nitrobenzene-d5	9.252	82	140894	92.90	ng	0.00
42) 2,4,6-Tribromophenol	16.227	330	88853	137.60	ng	0.00
45) 2-Fluorobiphenyl	13.354	172	299526	89.82	ng	0.00
79) Terphenyl-d14	20.104	244	647015	87.26	ng	0.00

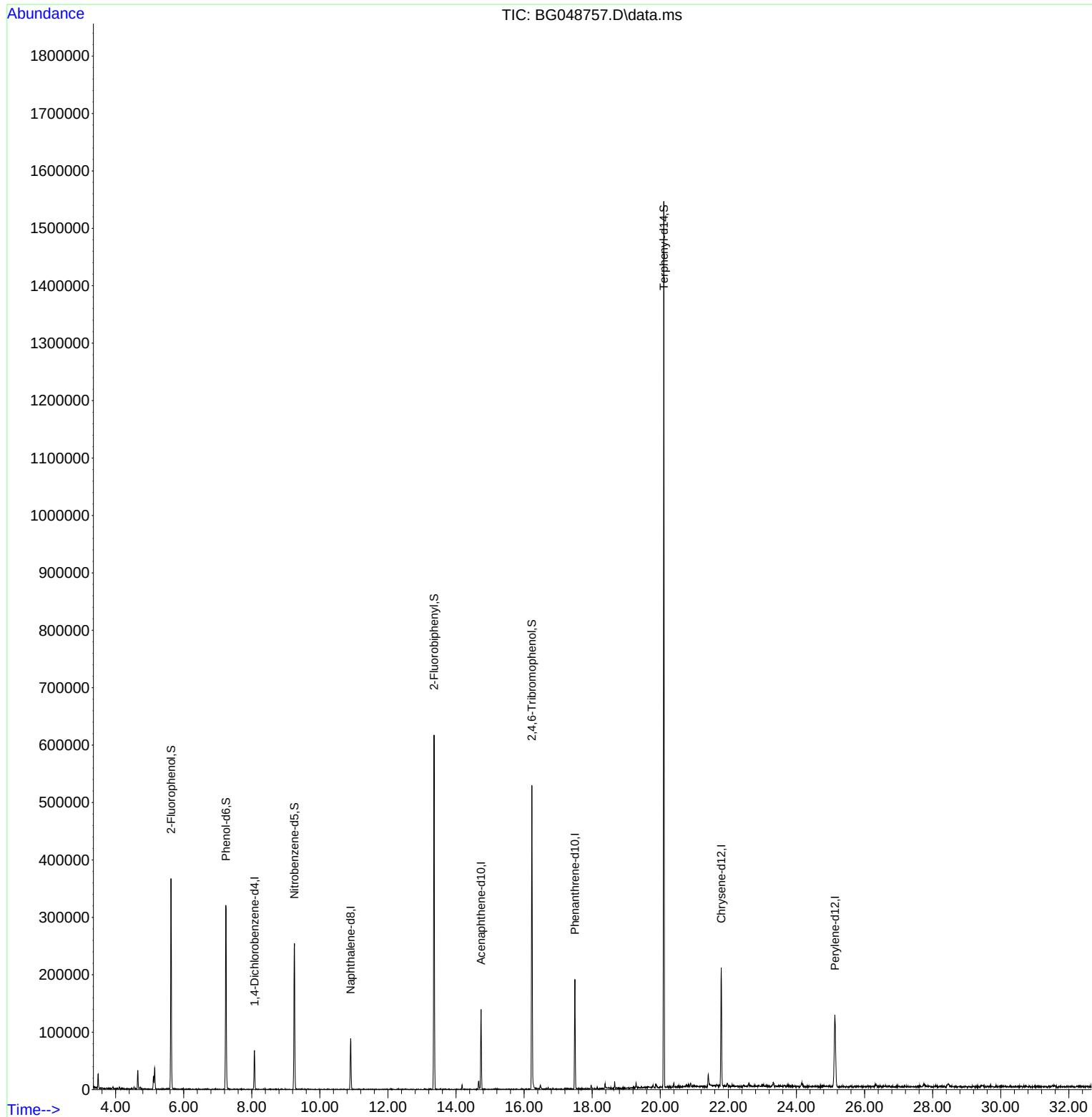
Target Compounds	Qvalue

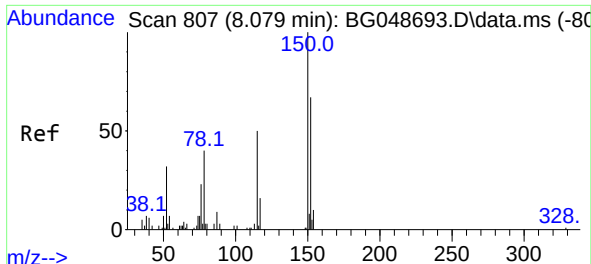
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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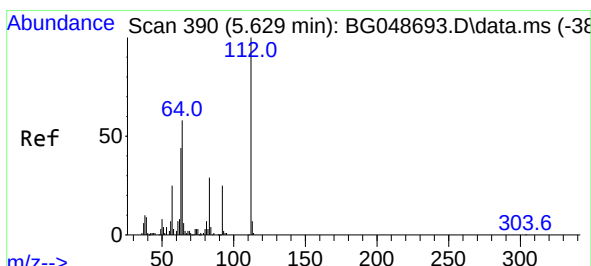
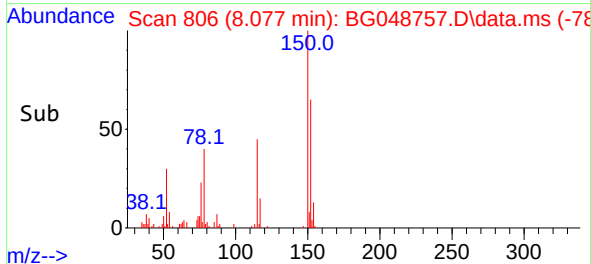
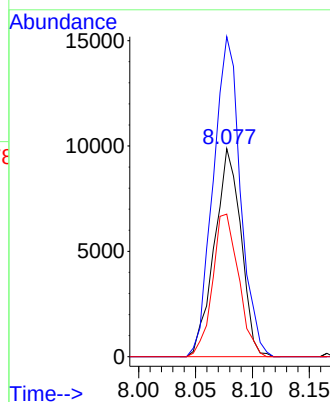
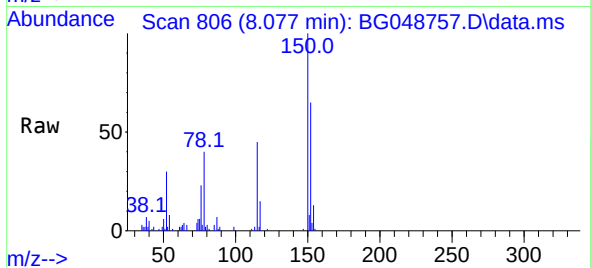




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.077 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

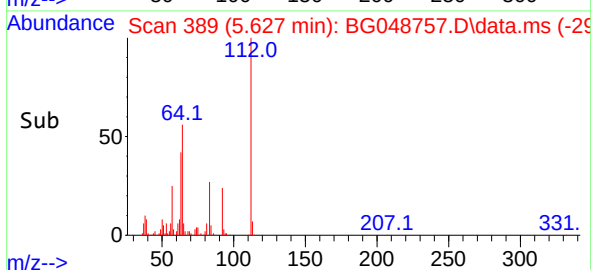
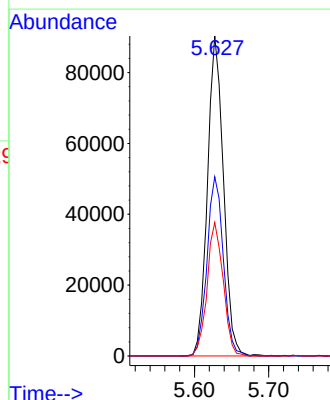
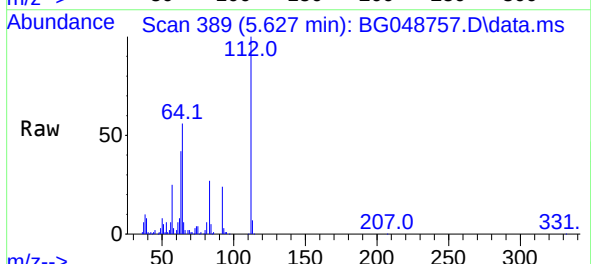
Instrument :
BNA_G
ClientSampleId :
FS-WC-SOIL

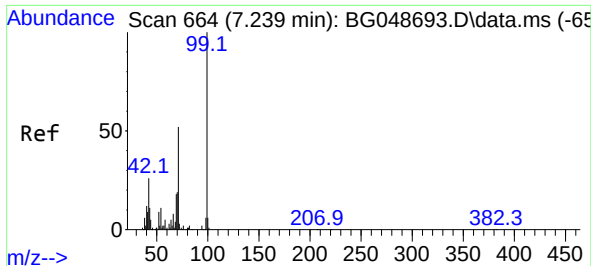
Tgt Ion:152 Resp: 16029
Ion Ratio Lower Upper
152 100
150 153.8 119.4 179.0
115 68.5 60.2 90.4



#5
2-Fluorophenol
Concen: 141.12 ng
RT: 5.627 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion:112 Resp: 135242
Ion Ratio Lower Upper
112 100
64 56.0 46.7 70.1
63 41.7 35.3 52.9

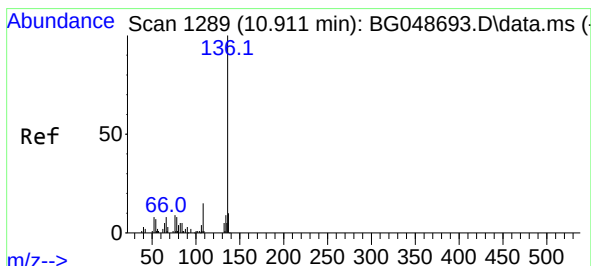
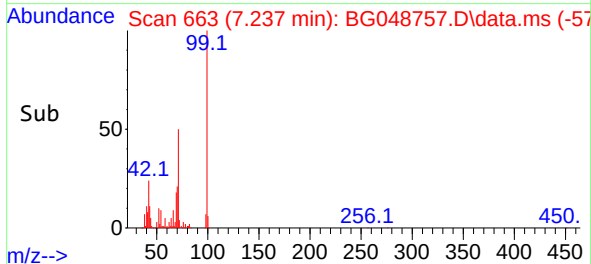
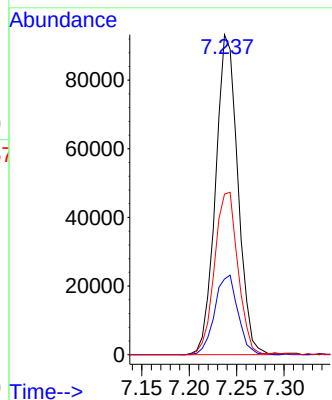
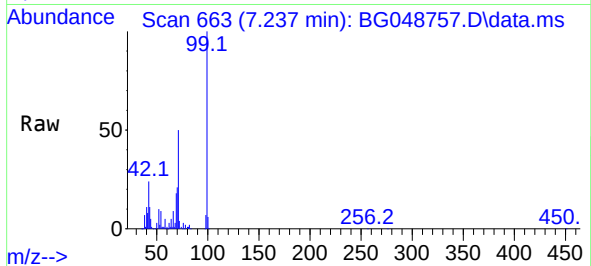




#7
Phenol-d6
Concen: 112.67 ng
RT: 7.237 min Scan# 663
Delta R.T. -0.003 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

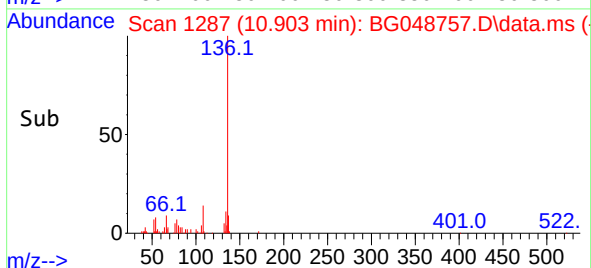
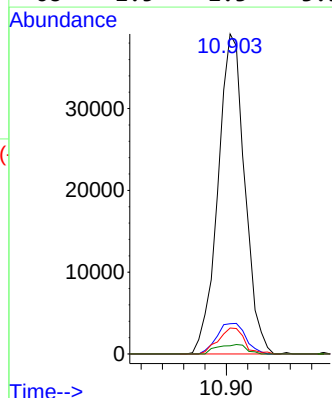
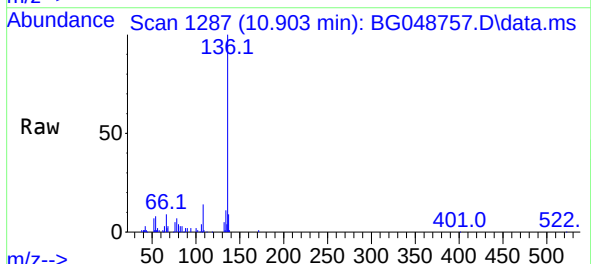
Instrument :
BNA_G
ClientSampled :
FS-WC-SOIL

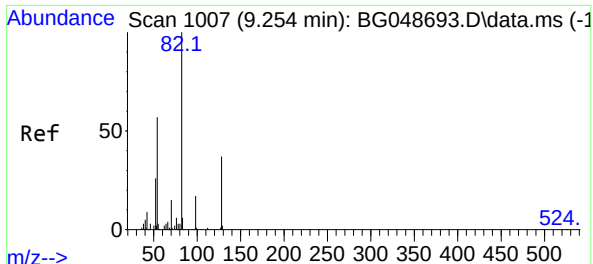
Tgt Ion: 99 Resp: 152738
Ion Ratio Lower Upper
99 100
42 23.6 20.5 30.7
71 50.2 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.903 min Scan# 1287
Delta R.T. -0.008 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion:136 Resp: 67898
Ion Ratio Lower Upper
136 100
137 9.5 8.2 12.2
54 8.1 5.5 8.3
68 2.5 2.3 3.5

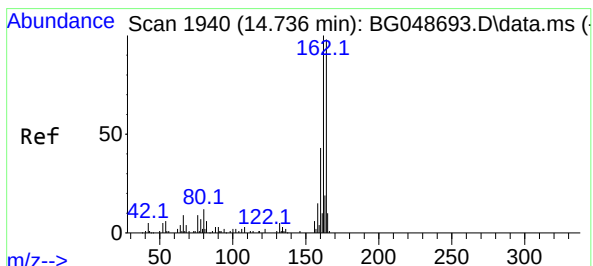
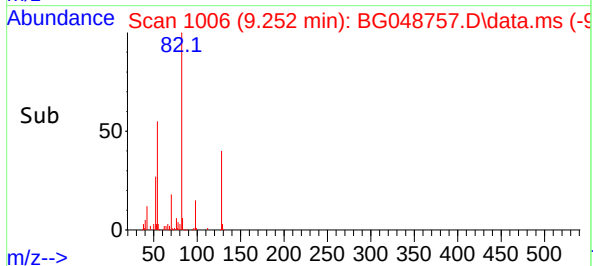
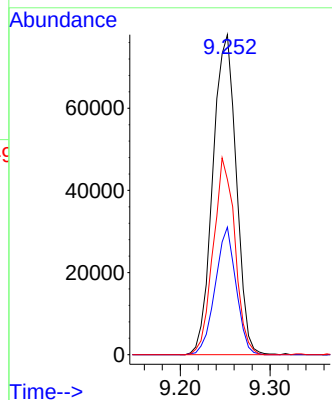
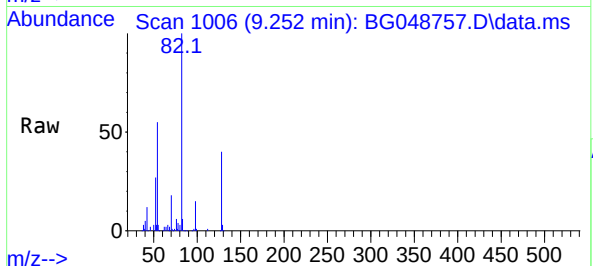




#23
Nitrobenzene-d5
Concen: 92.90 ng
RT: 9.252 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

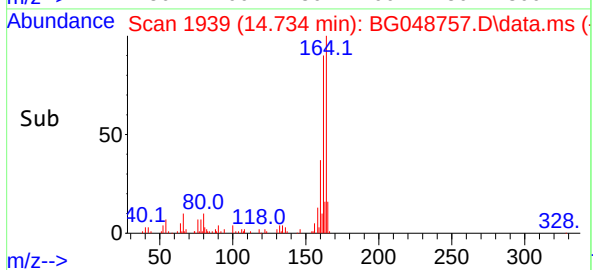
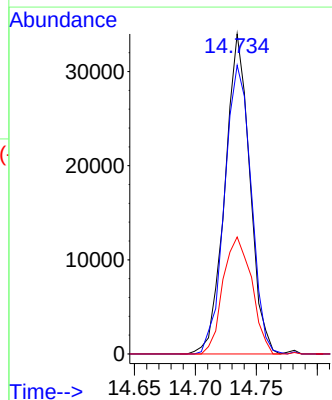
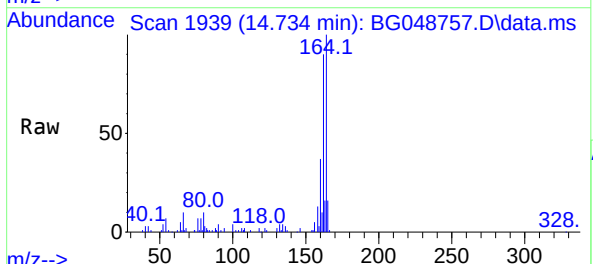
Instrument :
BNA_G
ClientSampleId :
FS-WC-SOIL

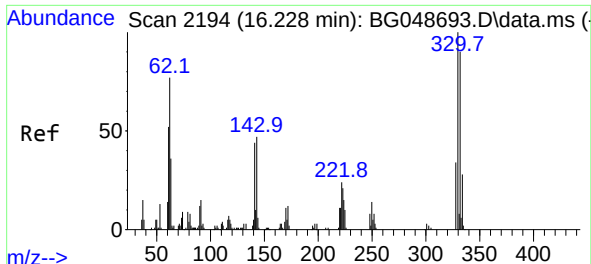
Tgt Ion: 82 Resp: 140894
Ion Ratio Lower Upper
82 100
128 39.8 29.8 44.6
54 54.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.734 min Scan# 1939
Delta R.T. -0.008 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion:164 Resp: 48159
Ion Ratio Lower Upper
164 100
162 90.2 81.4 122.0
160 36.6 34.9 52.3

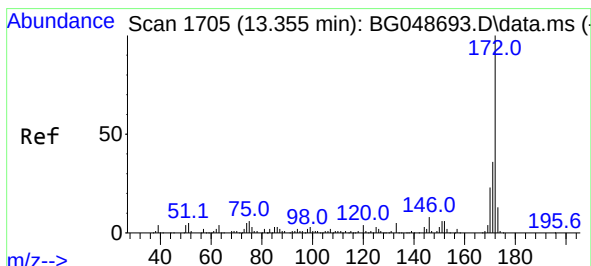
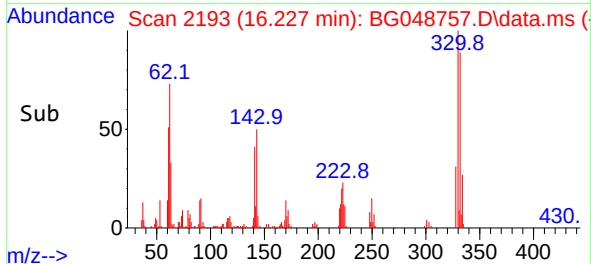
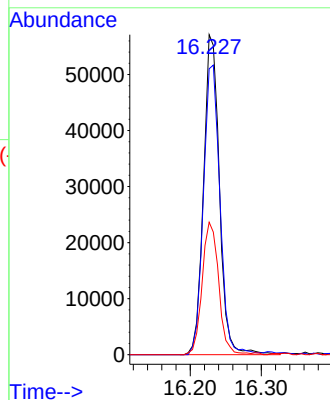
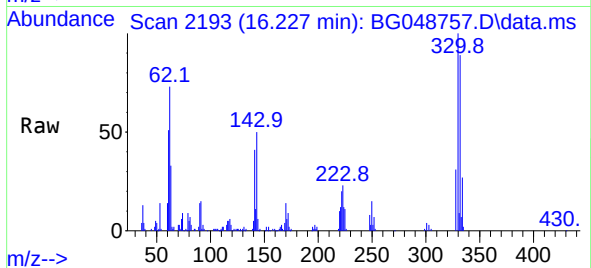




#42
2,4,6-Tribromophenol
Concen: 137.60 ng
RT: 16.227 min Scan# 2193
Delta R.T. -0.009 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

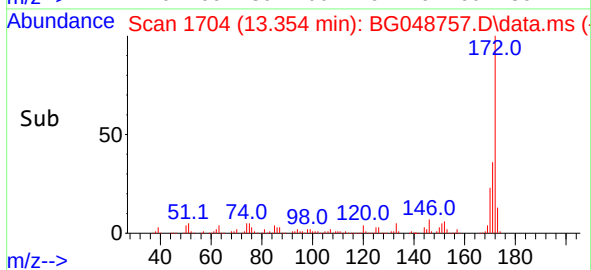
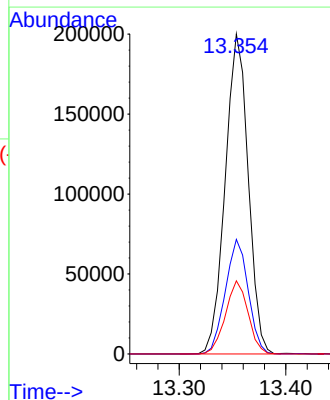
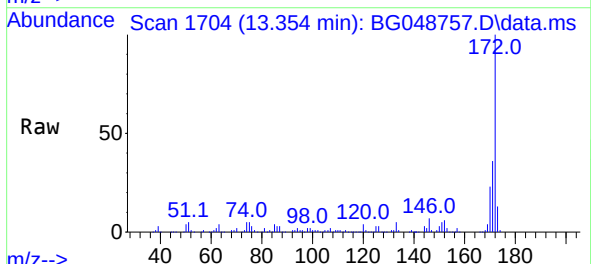
Instrument :
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ClientSampleId :
FS-WC-SOIL

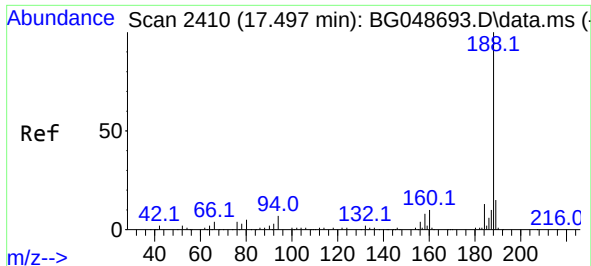
Tgt Ion:	330	Resp:	88853
Ion Ratio	Lower	Upper	
330	100		
332	94.1	77.3	115.9
141	43.3	35.6	53.4



#45
2-Fluorobiphenyl
Concen: 89.82 ng
RT: 13.354 min Scan# 1704
Delta R.T. -0.003 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion:	172	Resp:	299526
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.6	43.0
170	22.9	18.6	27.8

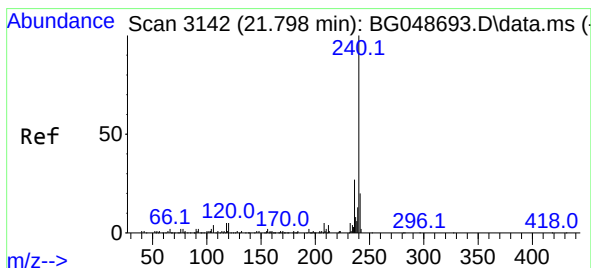
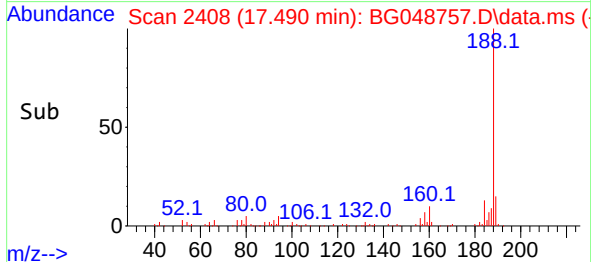
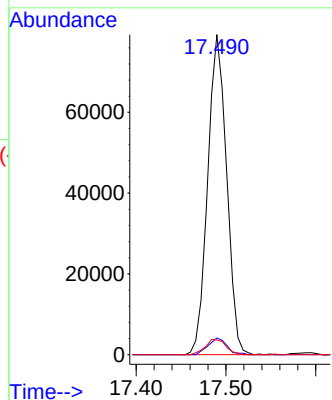
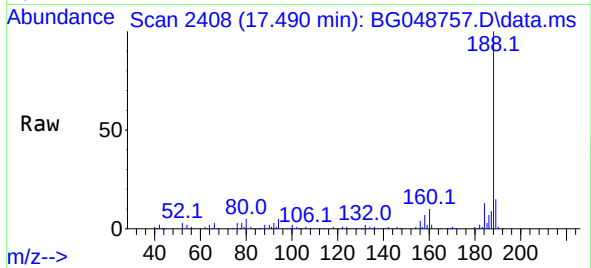




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.490 min Scan# 2408
Delta R.T. -0.008 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

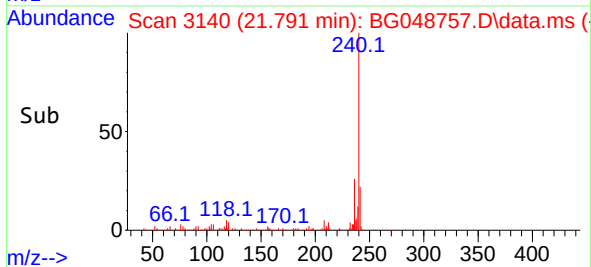
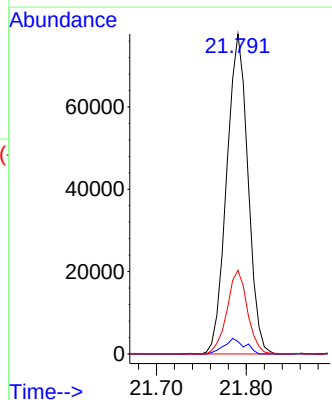
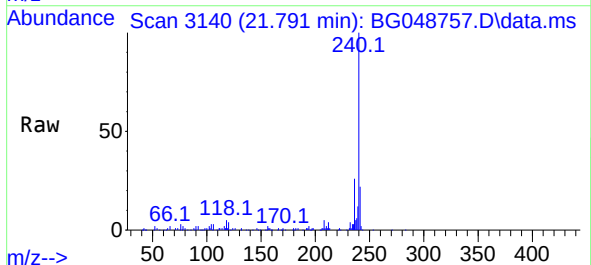
Instrument :
BNA_G
ClientSampled :
FS-WC-SOIL

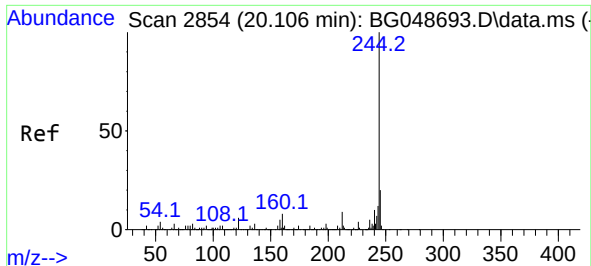
Tgt Ion:188 Resp: 115934
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 4.6 3.7 5.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.791 min Scan# 3140
Delta R.T. -0.008 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion:240 Resp: 127617
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 26.1 21.8 32.6



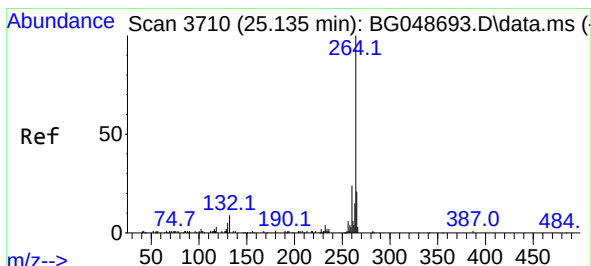
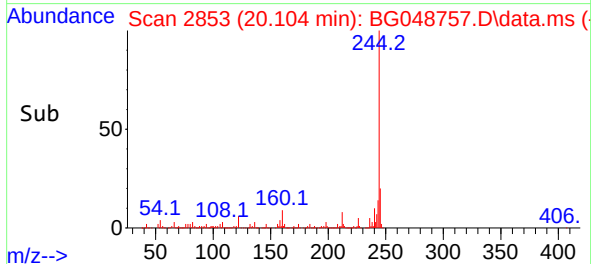
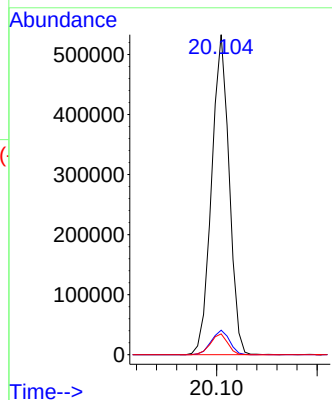
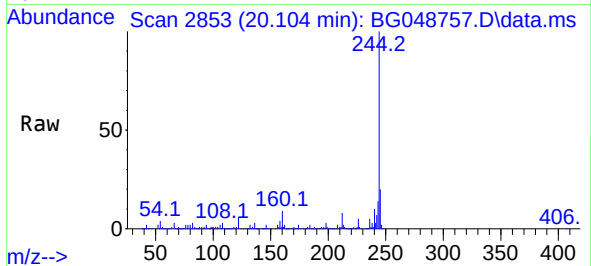


#79
Terphenyl-d14
Concen: 87.26 ng
RT: 20.104 min Scan# 2853
Delta R.T. -0.003 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:244 Resp: 647015

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.9	10.3
122	6.5	5.0	7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.128 min Scan# 3708
Delta R.T. -0.014 min
Lab File: BG048757.D
Acq: 17 Apr 2021 16:24

Tgt Ion:264 Resp: 129697

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.2
265	20.3	16.9	25.3

