

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
 Data File : BG055474.D
 Acq On : 5 Nov 2022 17:31
 Operator : CG/JU
 Sample : N5451-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LFR-SOIL-1103

Quant Time: Nov 07 00:56:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:51:08 2022
 Response via : Initial Calibration

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

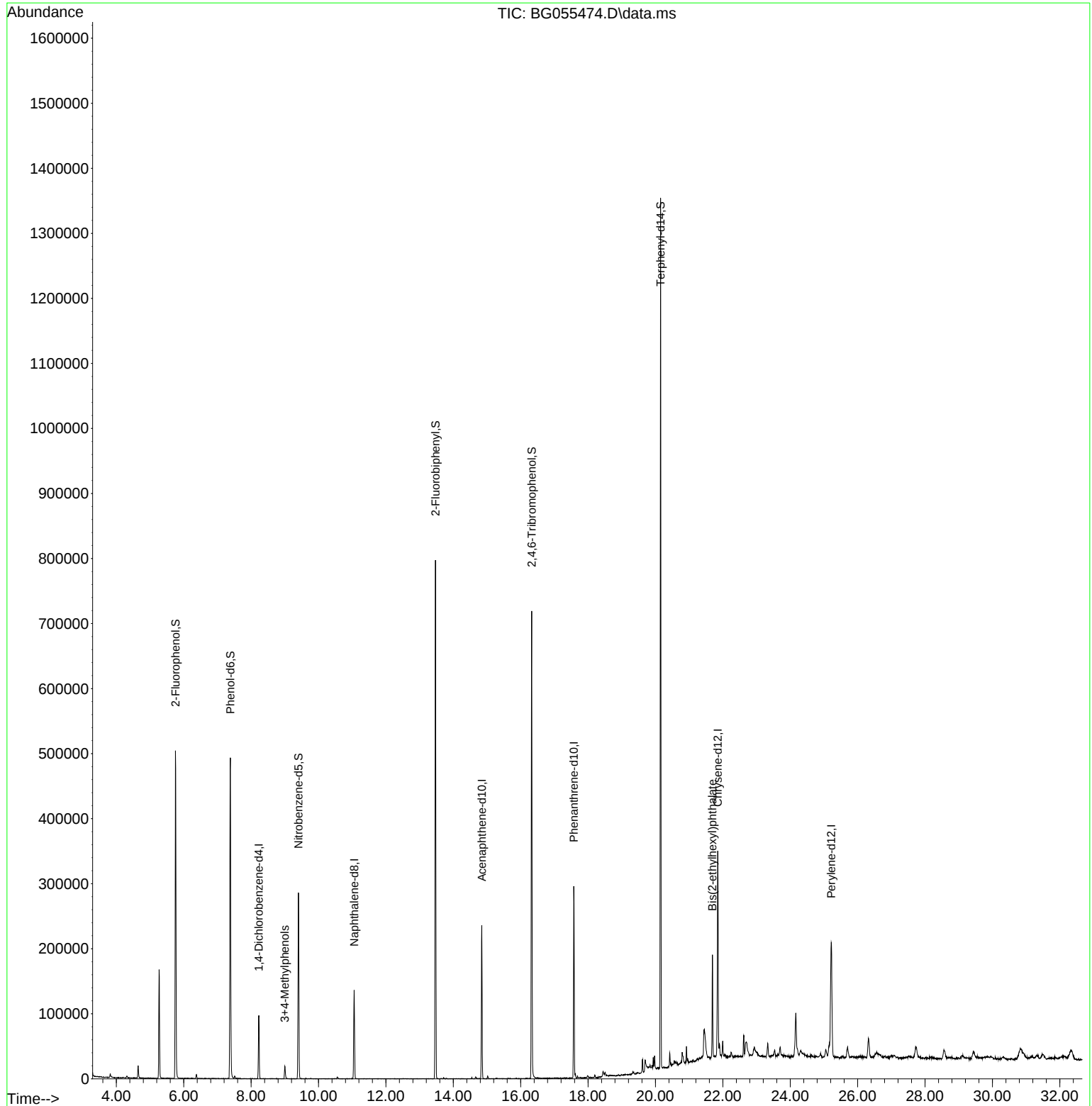
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	29356	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	123508	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	82509	20.000	ng	0.00
64) Phenanthrene-d10	17.578	188	190480	20.000	ng	0.00
76) Chrysene-d12	21.849	240	194704	20.000	ng	0.00
86) Perylene-d12	25.216	264	208464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	238145	145.685	ng	0.00
7) Phenol-d6	7.384	99	309534	136.547	ng	0.00
23) Nitrobenzene-d5	9.405	82	174891	75.467	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	159460	141.687	ng	0.00
45) 2-Fluorobiphenyl	13.471	172	414998	74.574	ng	0.00
79) Terphenyl-d14	20.151	244	668502	66.764	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.999	107	11351	4.327	ng	94
84) Bis(2-ethylhexyl)phtha...	21.690	149	72726	8.737	ng	97

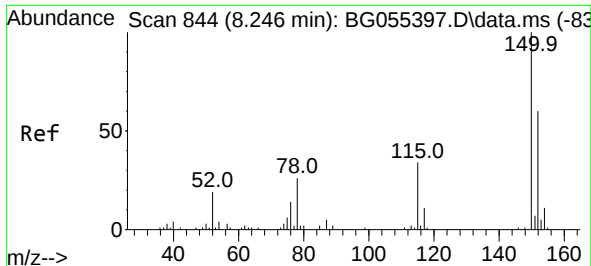
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
Data File : BG055474.D
Acq On : 5 Nov 2022 17:31
Operator : CG/JU
Sample : N5451-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LFR-SOIL-1103

Quant Time: Nov 07 00:56:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:51:08 2022
Response via : Initial Calibration

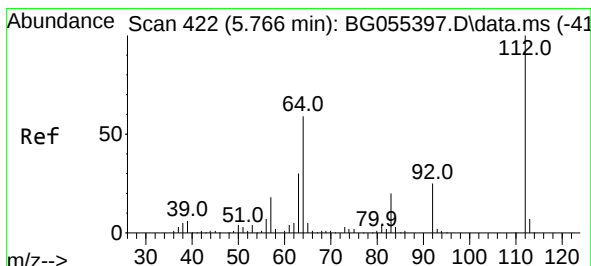
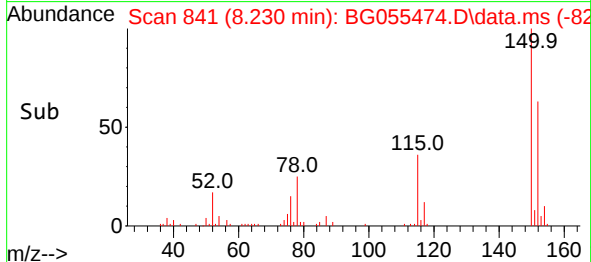
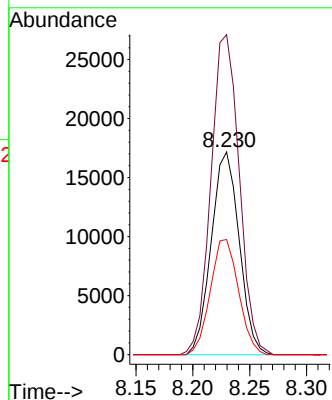
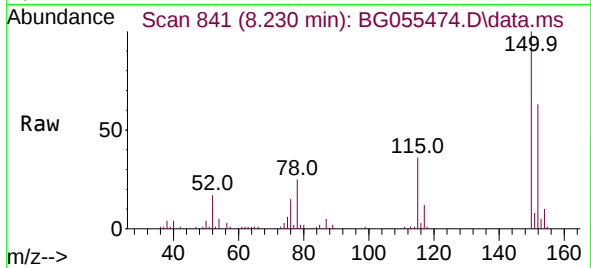




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.230 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055474.D
Acq: 5 Nov 2022 17:31

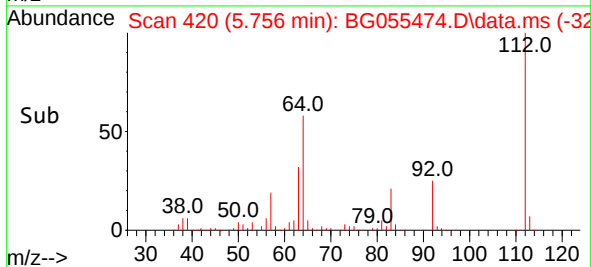
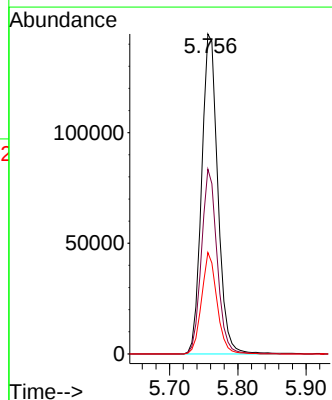
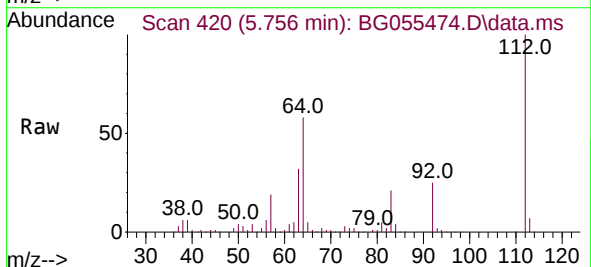
Instrument :
BNA_G
ClientSampleId :
LFR-SOIL-1103

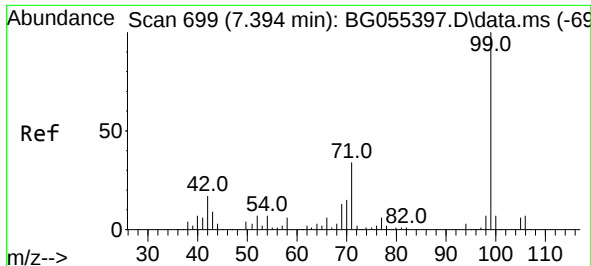
Tgt Ion:152 Resp: 29356
Ion Ratio Lower Upper
152 100
150 157.9 132.8 199.2
115 56.8 45.1 67.7



#5
2-Fluorophenol
Concen: 145.685 ng
RT: 5.756 min Scan# 420
Delta R.T. 0.006 min
Lab File: BG055474.D
Acq: 5 Nov 2022 17:31

Tgt Ion:112 Resp: 238145
Ion Ratio Lower Upper
112 100
64 57.7 47.2 70.8
63 31.7 24.3 36.5

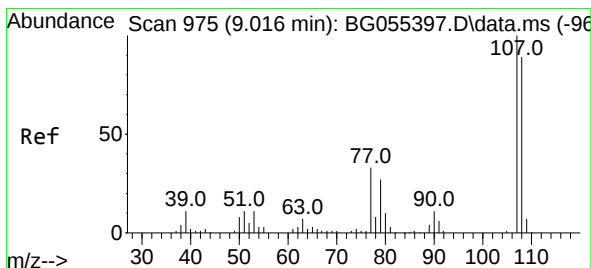
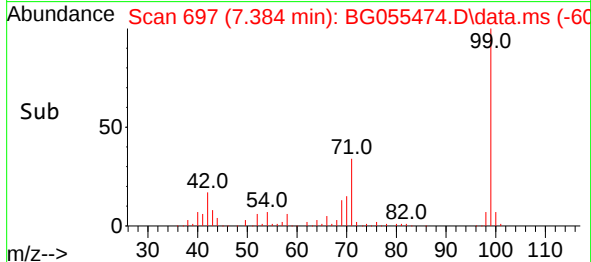
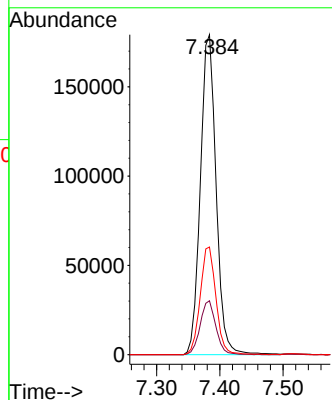
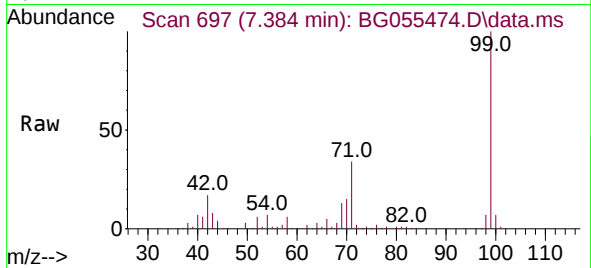




#7
Phenol-d6
Concen: 136.547 ng
RT: 7.384 min Scan# 699
Delta R.T. 0.006 min
Lab File: BG055474.D
Acq: 5 Nov 2022 17:31

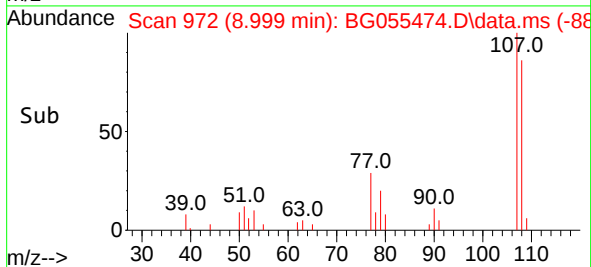
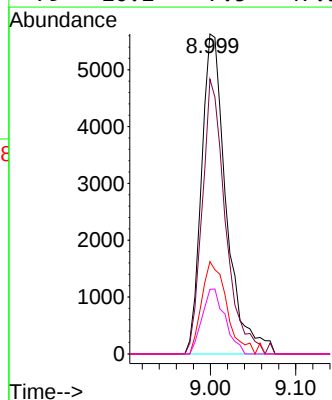
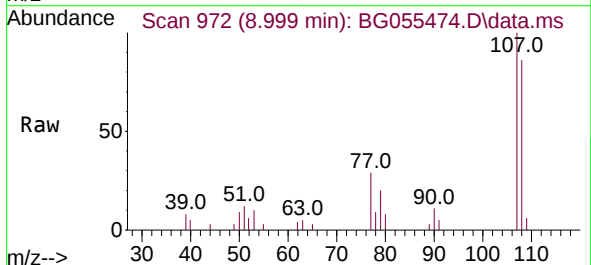
Instrument :
BNA_G
ClientSampleId :
LFR-SOIL-1103

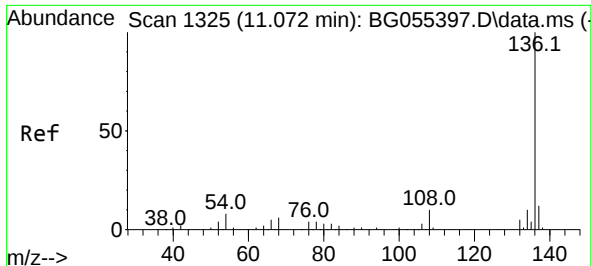
Tgt Ion: 99 Resp: 309534
Ion Ratio Lower Upper
99 100
42 16.8 13.5 20.3
71 33.6 27.4 41.0



#20
3+4-Methylphenols
Concen: 4.327 ng
RT: 8.999 min Scan# 972
Delta R.T. -0.006 min
Lab File: BG055474.D
Acq: 5 Nov 2022 17:31

Tgt Ion:107 Resp: 11351
Ion Ratio Lower Upper
107 100
108 85.8 69.1 109.1
77 28.8 12.8 52.8
79 20.2 7.5 47.5

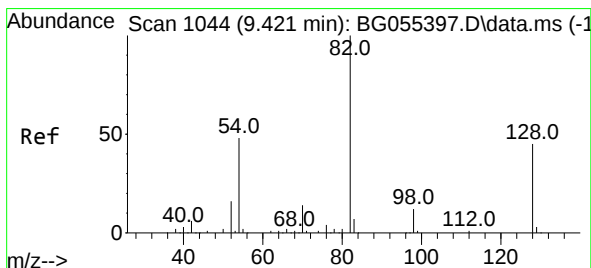
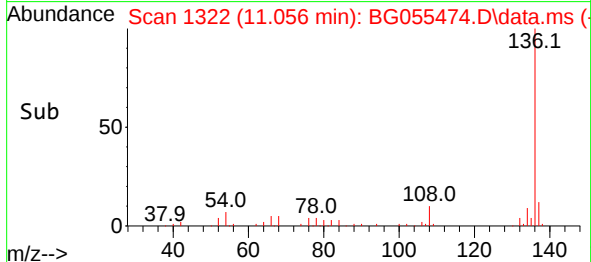
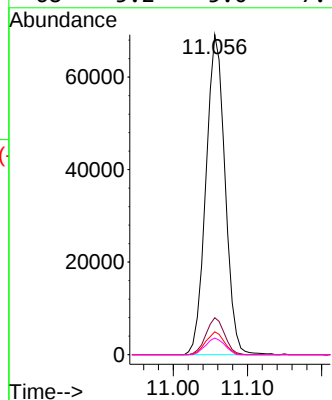
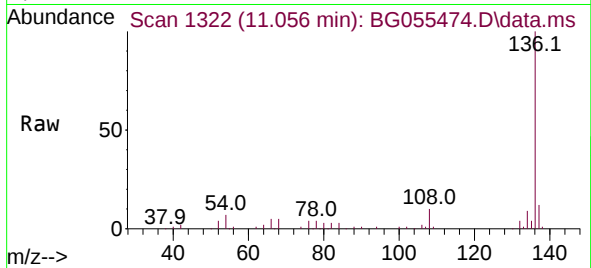




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.056 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BG055474.D
Acq: 5 Nov 2022 17:31

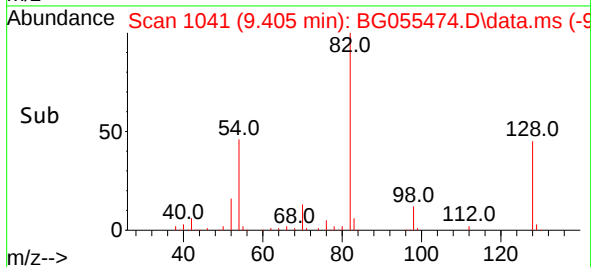
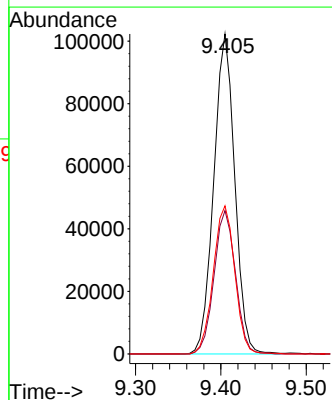
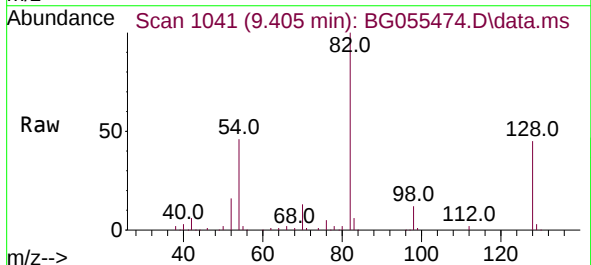
Instrument :
BNA_G
ClientSampleId :
LFR-SOIL-1103

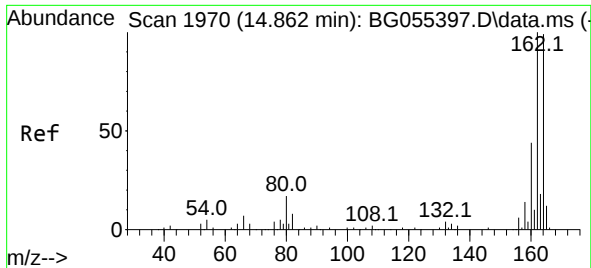
Tgt Ion:	136	Resp:	123508
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.4	14.2
54	7.1	6.1	9.1
68	5.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 75.467 ng
RT: 9.405 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BG055474.D
Acq: 5 Nov 2022 17:31

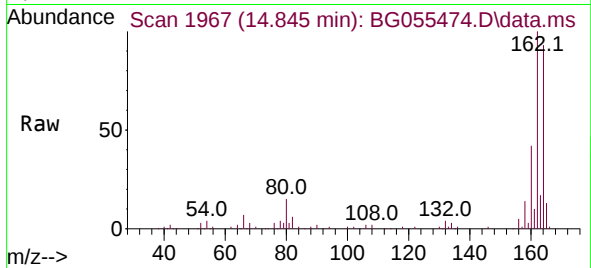
Tgt Ion:	82	Resp:	174891
Ion Ratio	Lower	Upper	
82	100		
128	44.8	35.8	53.8
54	46.3	38.1	57.1



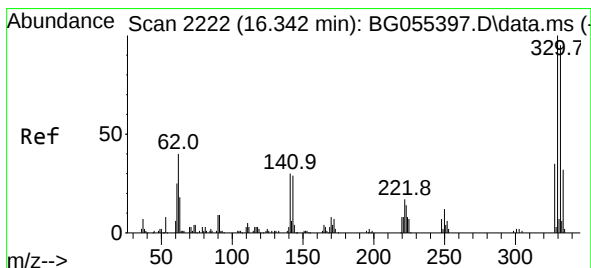
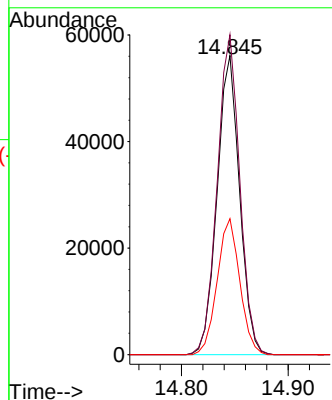
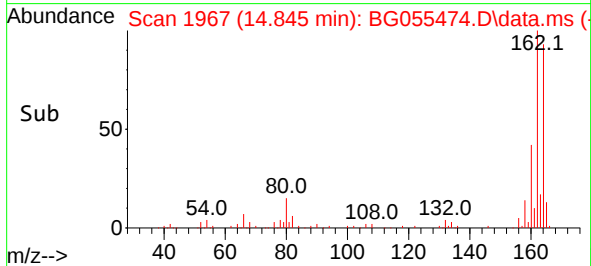


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.845 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BG055474.D
Acq: 5 Nov 2022 17:31

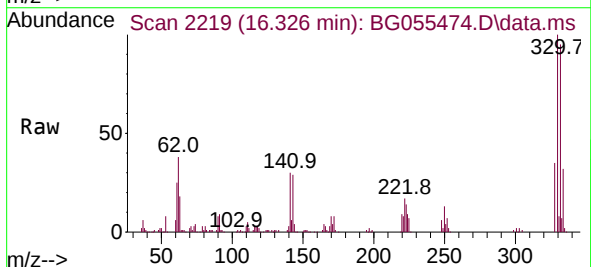
Instrument :
BNA_G
ClientSampleId :
LFR-SOIL-1103



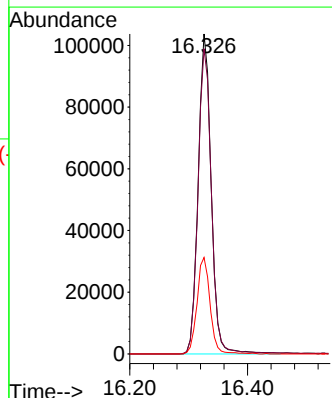
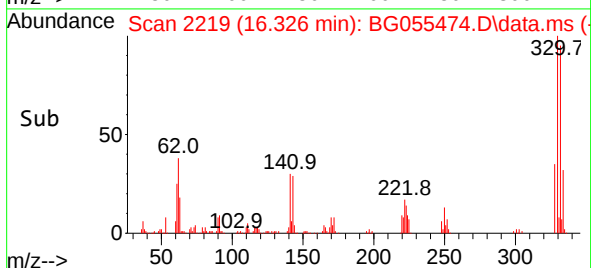
Tgt Ion:164 Resp: 82509
Ion Ratio Lower Upper
164 100
162 107.0 81.1 121.7
160 45.4 35.8 53.6

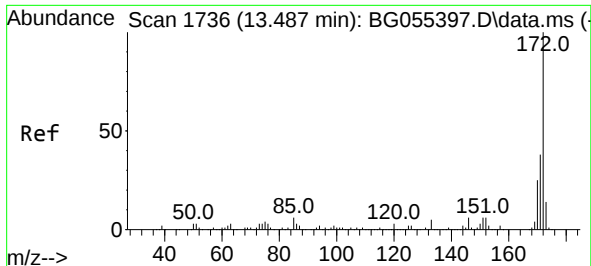


#42
2,4,6-Tribromophenol
Concen: 141.687 ng
RT: 16.326 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BG055474.D
Acq: 5 Nov 2022 17:31



Tgt Ion:330 Resp: 159460
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.6
141 30.1 24.2 36.2

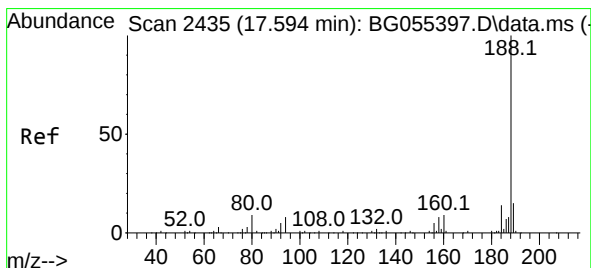
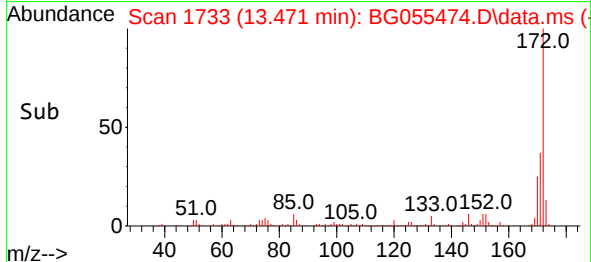
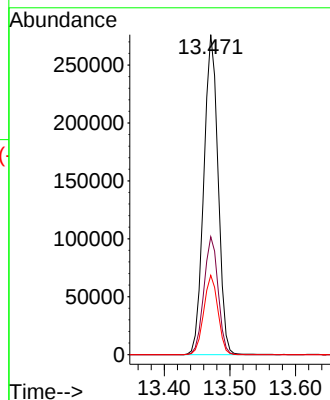
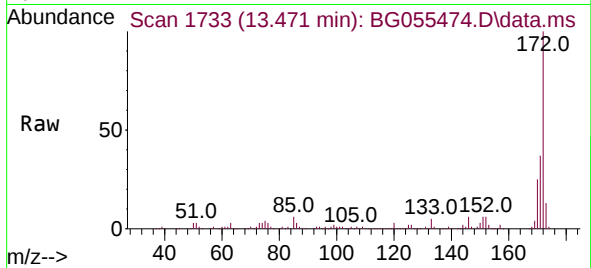




#45
2-Fluorobiphenyl
Concen: 74.574 ng
RT: 13.471 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BG055474.D
Acq: 5 Nov 2022 17:31

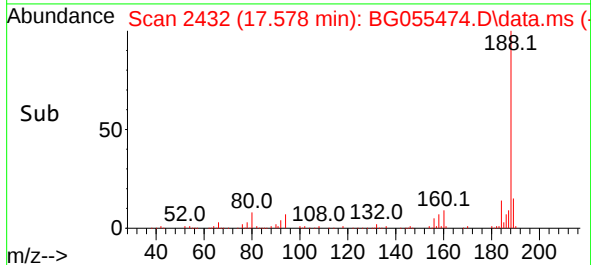
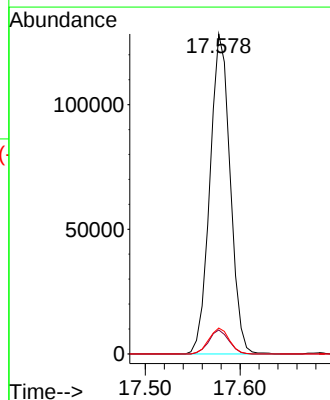
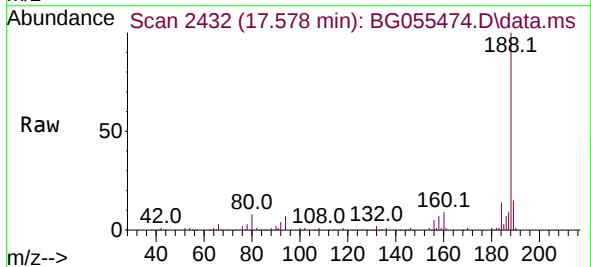
Instrument :
BNA_G
ClientSampleId :
LFR-SOIL-1103

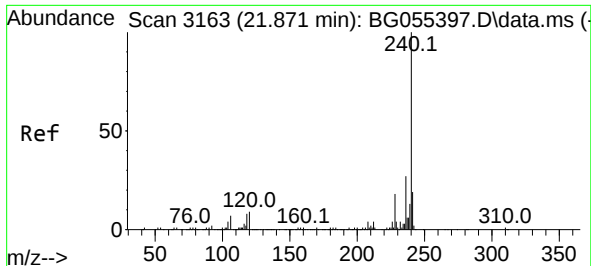
Tgt Ion:172 Resp: 414998
Ion Ratio Lower Upper
172 100
171 36.8 30.2 45.2
170 24.8 20.2 30.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.578 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BG055474.D
Acq: 5 Nov 2022 17:31

Tgt Ion:188 Resp: 190480
Ion Ratio Lower Upper
188 100
94 7.5 6.5 9.7
80 8.1 7.4 11.0

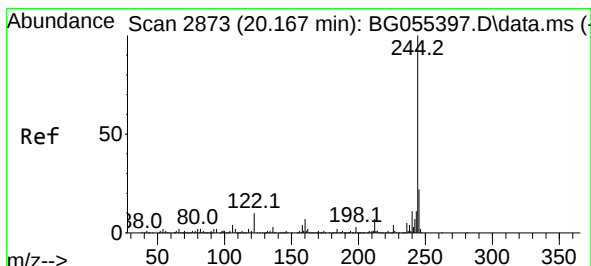
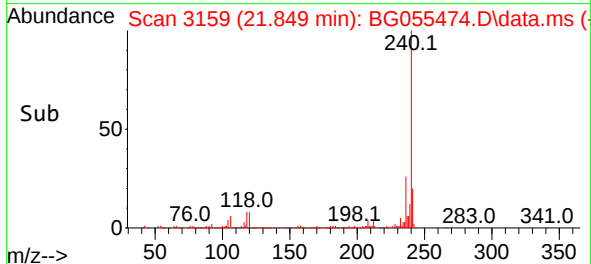
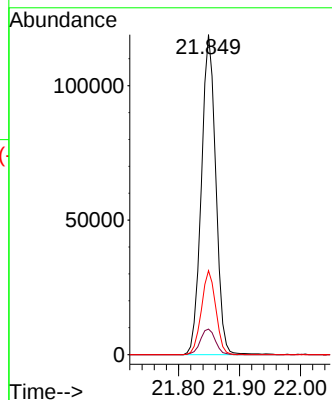
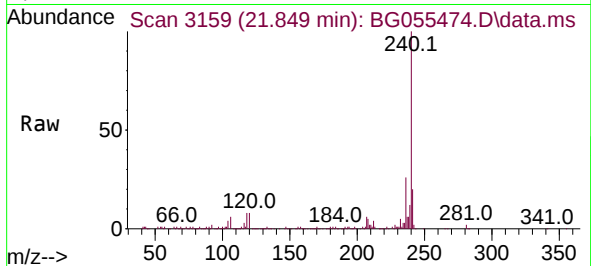




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.849 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG055474.D
Acq: 5 Nov 2022 17:31

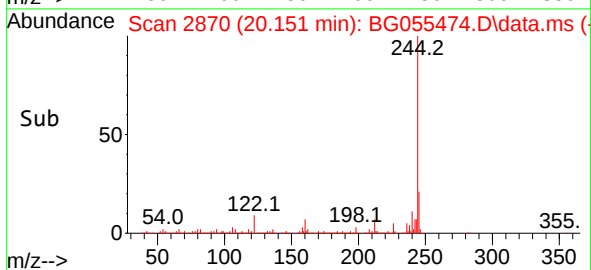
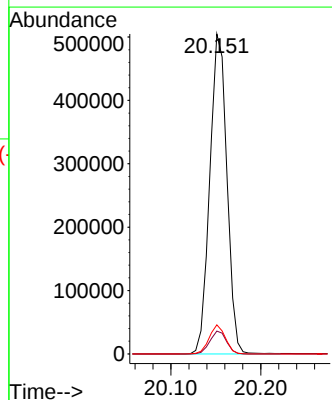
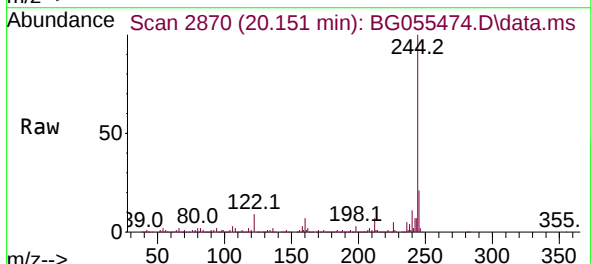
Instrument :
BNA_G
ClientSampleId :
LFR-SOIL-1103

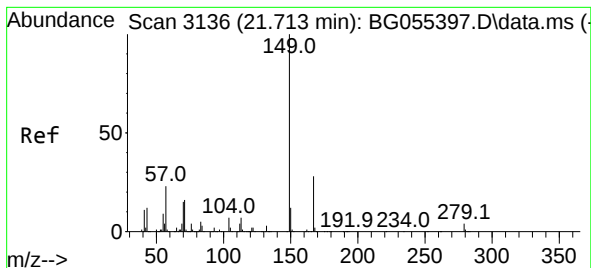
Tgt Ion:240 Resp: 194704
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 26.2 21.5 32.3



#79
Terphenyl-d14
Concen: 66.764 ng
RT: 20.151 min Scan# 2870
Delta R.T. -0.006 min
Lab File: BG055474.D
Acq: 5 Nov 2022 17:31

Tgt Ion:244 Resp: 668502
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.1 7.8 11.6

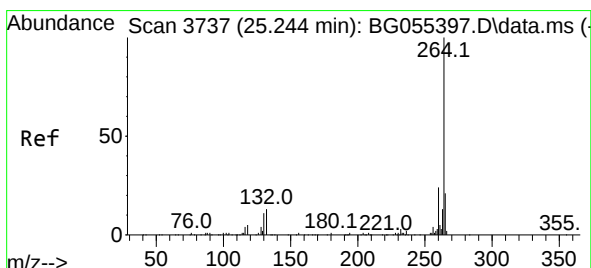
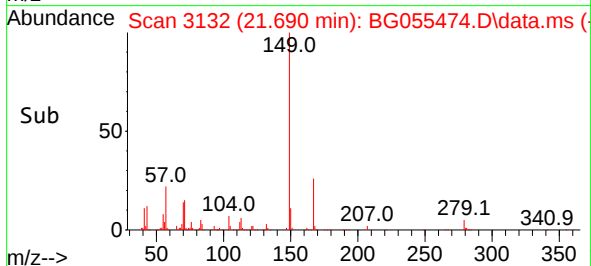
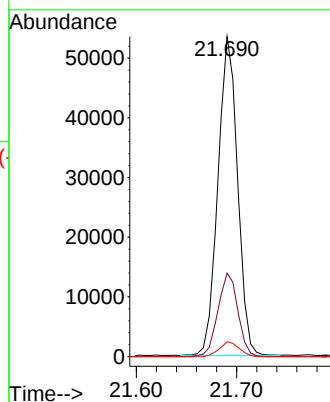
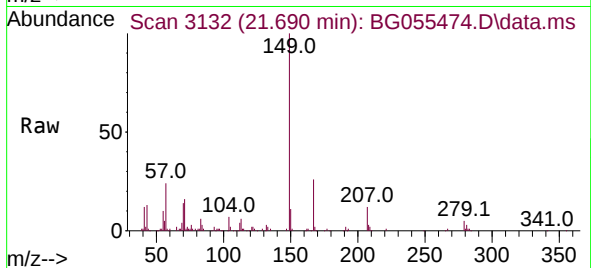




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.737 ng
 RT: 21.690 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: BG055474.D
 Acq: 5 Nov 2022 17:31

Instrument :
 BNA_G
 ClientSampleId :
 LFR-SOIL-1103

Tgt Ion:149 Resp: 72726
 Ion Ratio Lower Upper
 149 100
 167 26.1 22.0 33.0
 279 4.6 3.4 5.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.216 min Scan# 3732
 Delta R.T. -0.006 min
 Lab File: BG055474.D
 Acq: 5 Nov 2022 17:31

Tgt Ion:264 Resp: 208464
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 22.4 17.1 25.7

