

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062593.D
 Acq On : 28 Aug 2024 13:11
 Operator : MA/JU
 Sample : P3726-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MOO-SOIL-PILE

Quant Time: Aug 28 14:01:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 00:59:59 2024
 Response via : Initial Calibration

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

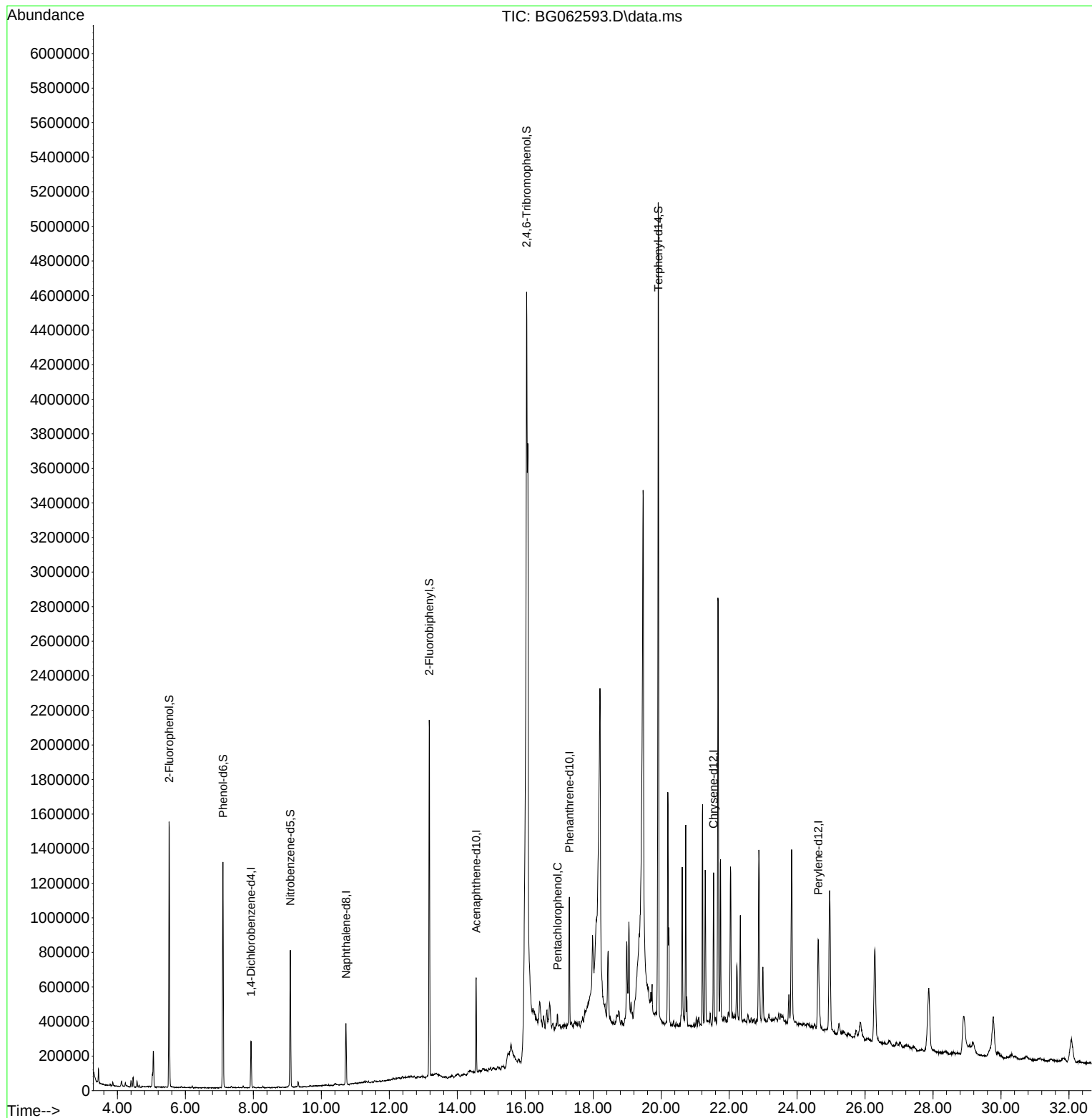
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	76541	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	297793	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	195946	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	485578	20.000	ng	0.00
76) Chrysene-d12	21.542	240	478435	20.000	ng	0.00
86) Perylene-d12	24.621	264	545680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	641584	150.371	ng	0.00
7) Phenol-d6	7.106	99	709005	116.663	ng	0.00
23) Nitrobenzene-d5	9.086	82	465424	103.725	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	368389	170.196	ng	0.00
45) 2-Fluorobiphenyl	13.176	172	1093148	91.733	ng	0.00
79) Terphenyl-d14	19.921	244	2285412	99.872	ng	0.00
Target Compounds						
70) Pentachlorophenol	16.948	266	19762	6.105	ng	Qvalue 96

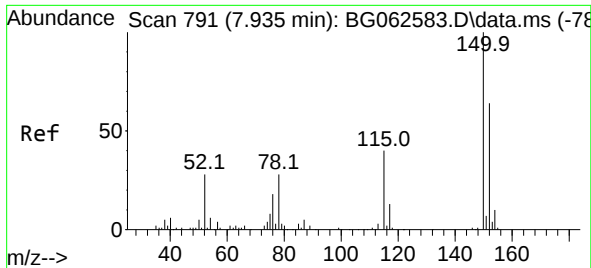
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
Data File : BG062593.D
Acq On : 28 Aug 2024 13:11
Operator : MA/JU
Sample : P3726-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILE

Quant Time: Aug 28 14:01:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 00:59:59 2024
Response via : Initial Calibration

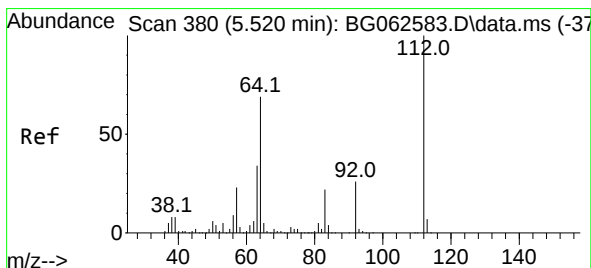
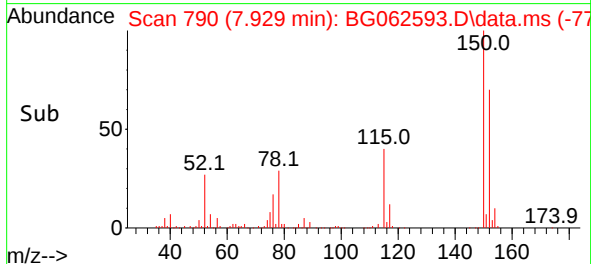
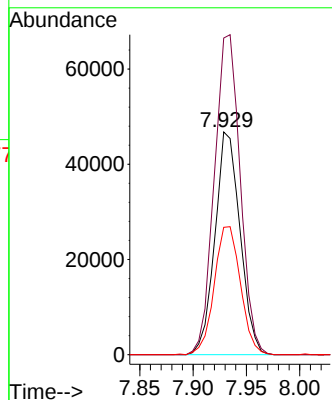
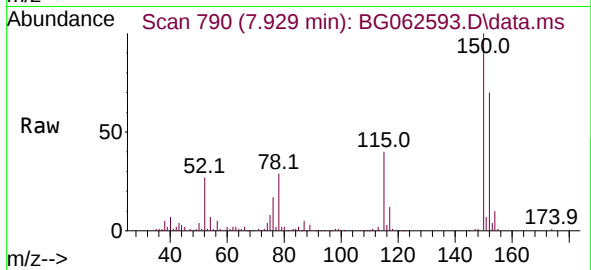




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 791
Delta R.T. -0.006 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

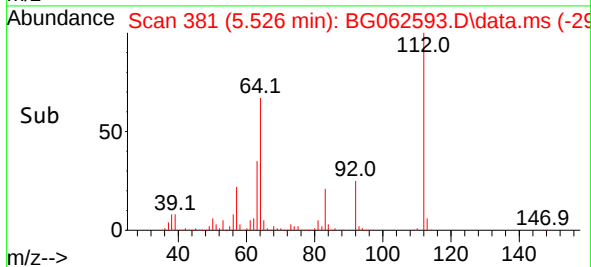
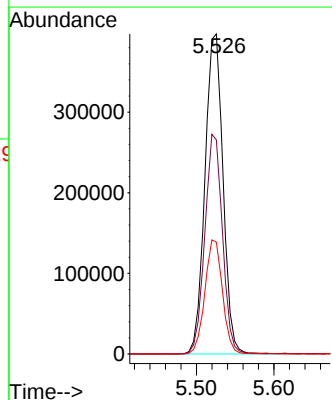
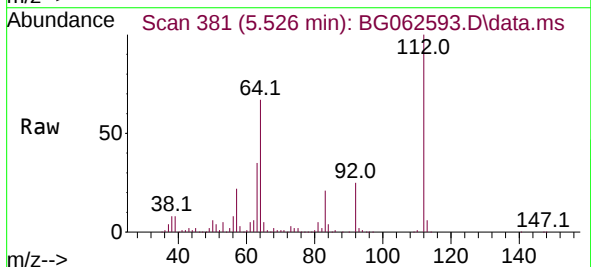
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILE

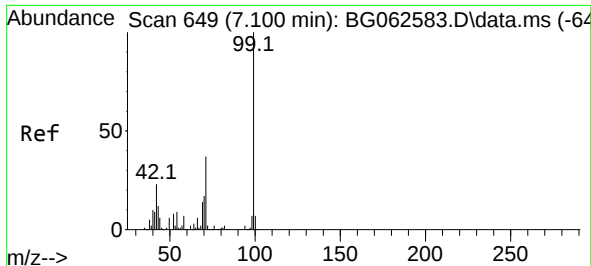
Tgt Ion:152 Resp: 76541
Ion Ratio Lower Upper
152 100
150 142.1 125.1 187.7
115 57.2 50.6 76.0



#5
2-Fluorophenol
Concen: 150.371 ng
RT: 5.526 min Scan# 381
Delta R.T. 0.006 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

Tgt Ion:112 Resp: 641584
Ion Ratio Lower Upper
112 100
64 66.9 55.5 83.3
63 34.9 27.4 41.2

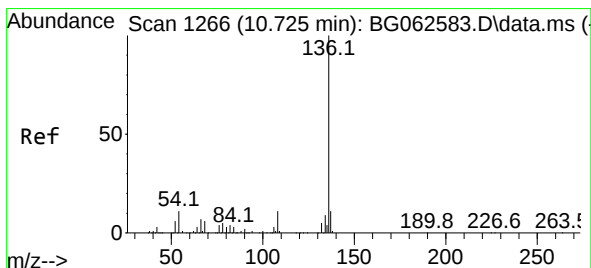
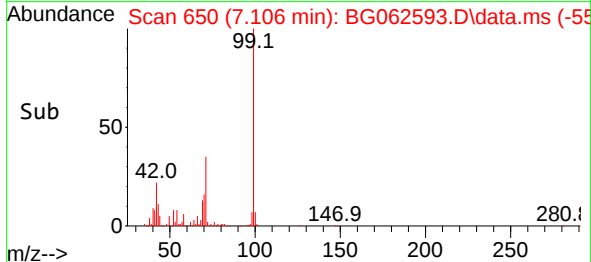
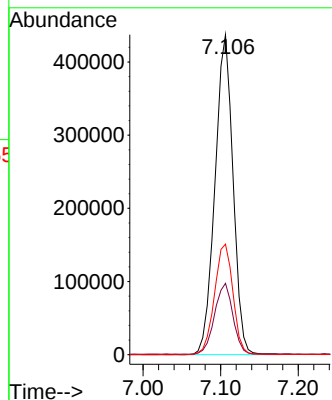
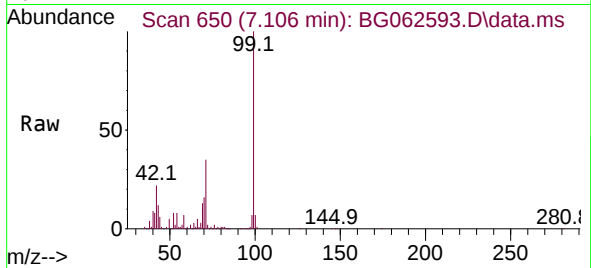




#7
Phenol-d6
Concen: 116.663 ng
RT: 7.106 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

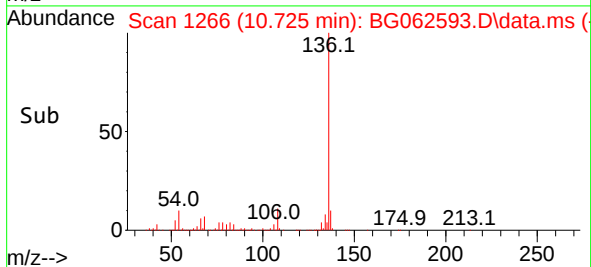
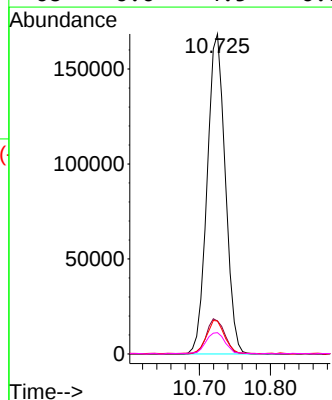
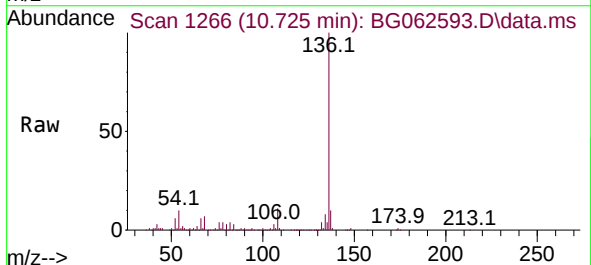
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILE

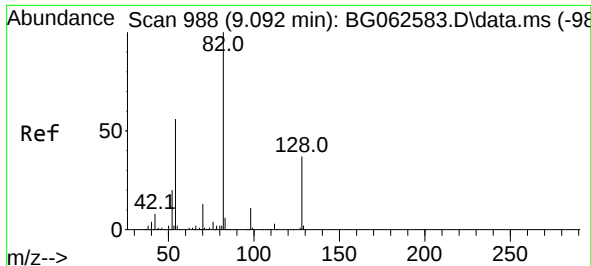
Tgt Ion: 99 Resp: 709005
Ion Ratio Lower Upper
99 100
42 22.3 18.7 28.1
71 34.6 29.8 44.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

Tgt Ion: 136 Resp: 297793
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 10.3 9.0 13.4
68 6.6 4.5 6.7

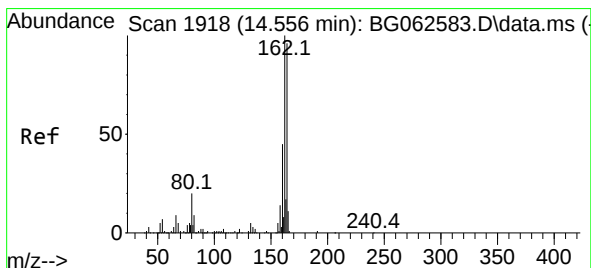
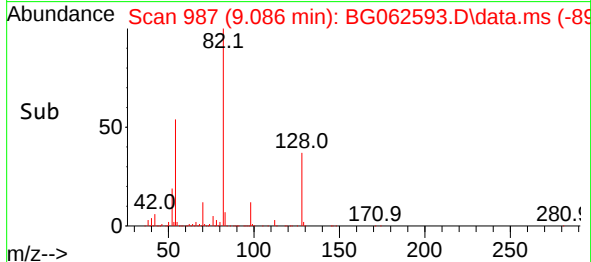
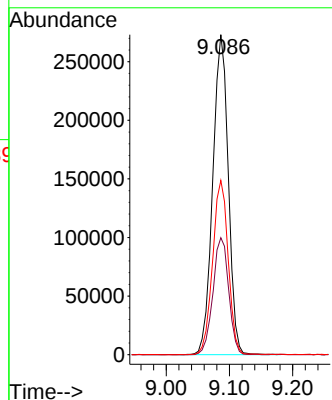
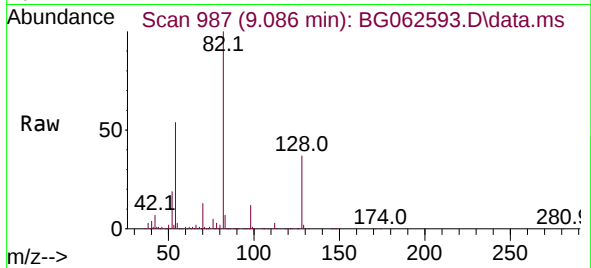




#23
Nitrobenzene-d5
Concen: 103.725 ng
RT: 9.086 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

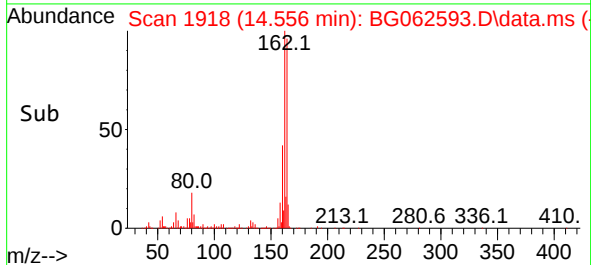
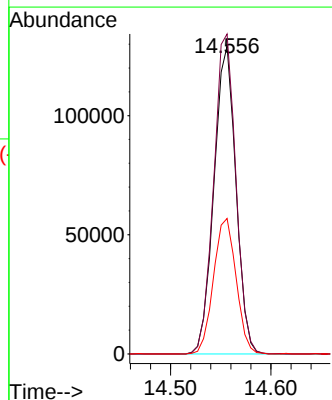
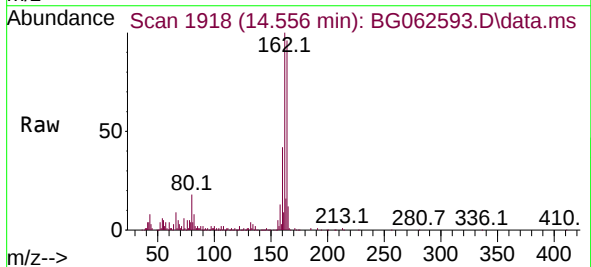
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILE

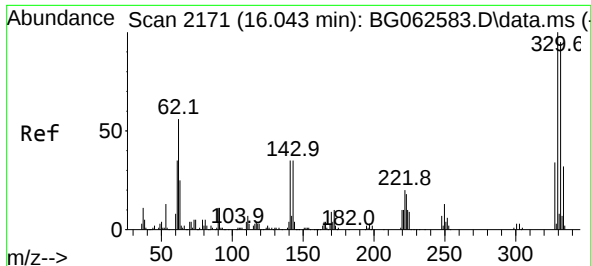
Tgt Ion: 82 Resp: 465424
Ion Ratio Lower Upper
82 100
128 36.5 29.7 44.5
54 54.5 44.4 66.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.556 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

Tgt Ion:164 Resp: 195946
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.6
160 44.0 37.7 56.5

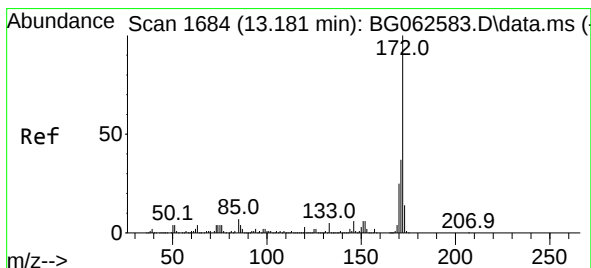
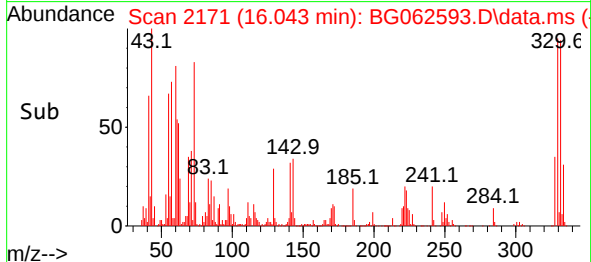
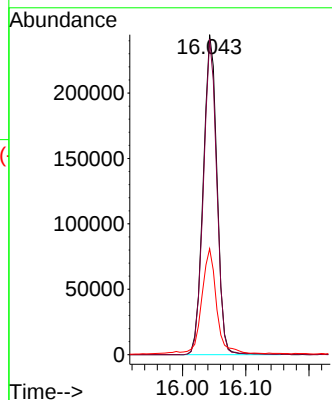
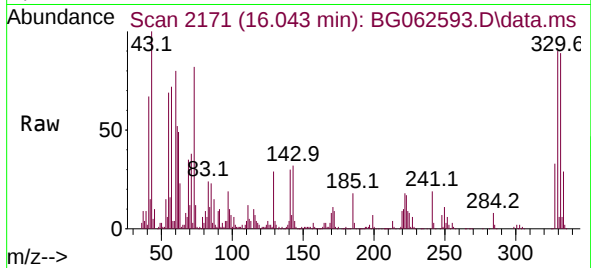




#42
2,4,6-Tribromophenol
Concen: 170.196 ng
RT: 16.043 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

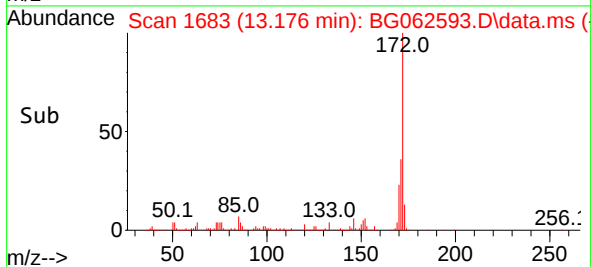
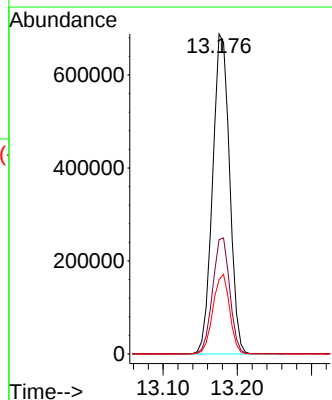
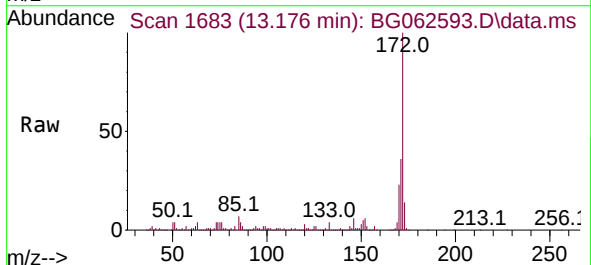
Instrument :
BNA_G
ClientSampleId :
MOO-SOIL-PILE

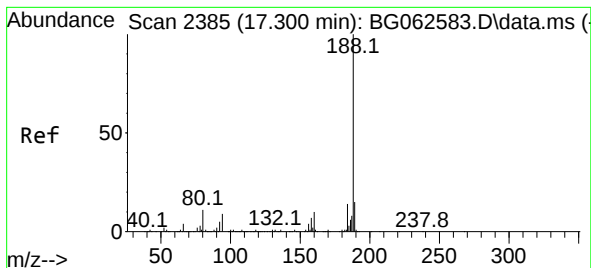
Tgt Ion:330 Resp: 368389
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 34.8 26.5 39.7



#45
2-Fluorobiphenyl
Concen: 91.733 ng
RT: 13.176 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BG062593.D
Acq: 28 Aug 2024 13:11

Tgt Ion:172 Resp: 1093148
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.2 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.300 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG062593.D

Acq: 28 Aug 2024 13:11

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILE

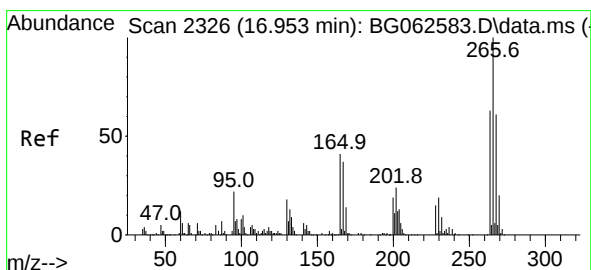
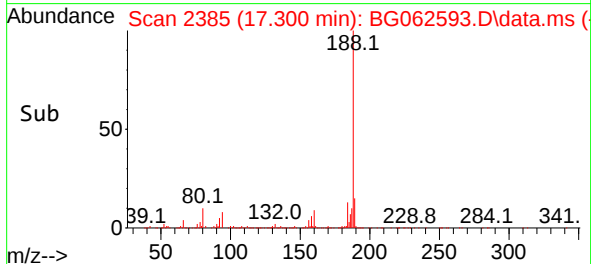
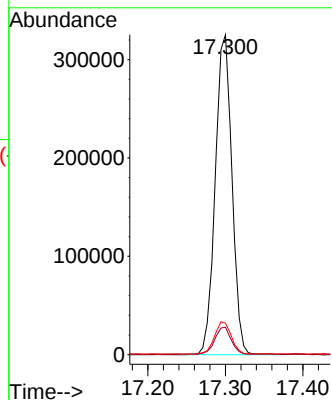
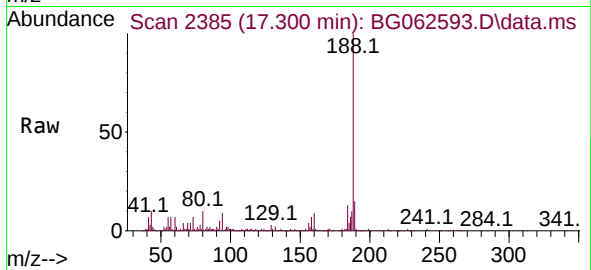
Tgt Ion:188 Resp: 485578

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.8 8.4 12.6



#70

Pentachlorophenol

Concen: 6.105 ng

RT: 16.948 min Scan# 2325

Delta R.T. -0.006 min

Lab File: BG062593.D

Acq: 28 Aug 2024 13:11

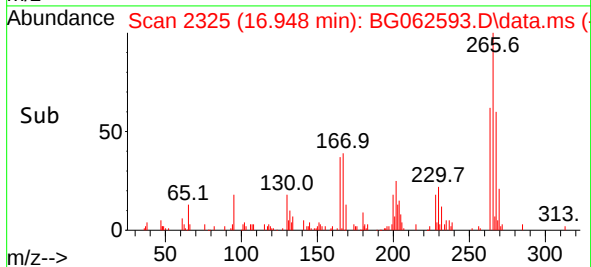
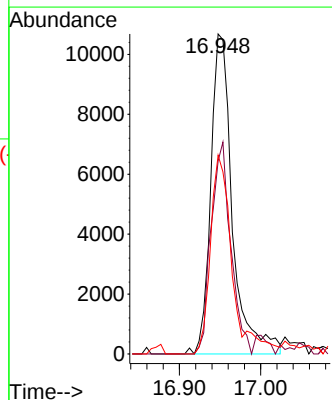
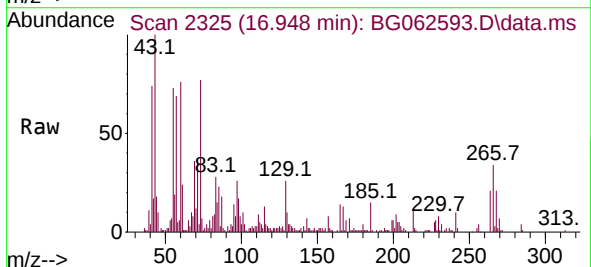
Tgt Ion:266 Resp: 19762

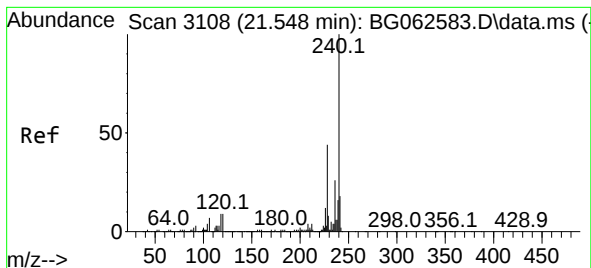
Ion Ratio Lower Upper

266 100

268 65.7 53.1 79.7

264 62.1 54.2 81.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.542 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BG062593.D

Acq: 28 Aug 2024 13:11

Instrument :

BNA_G

ClientSampleId :

MOO-SOIL-PILE

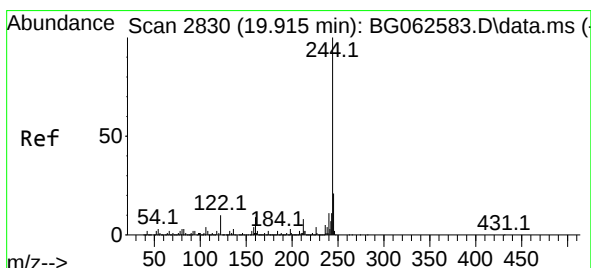
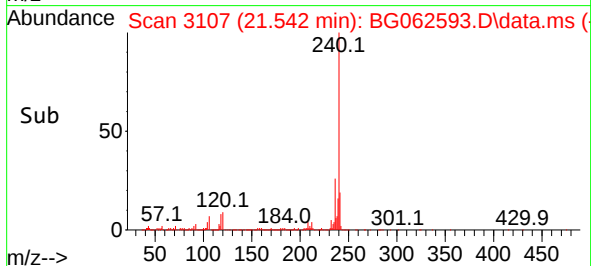
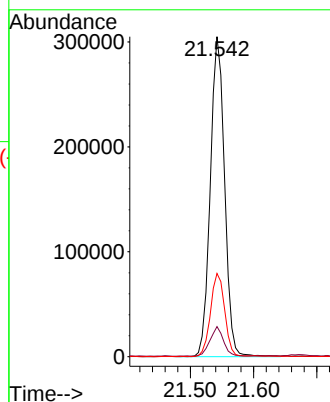
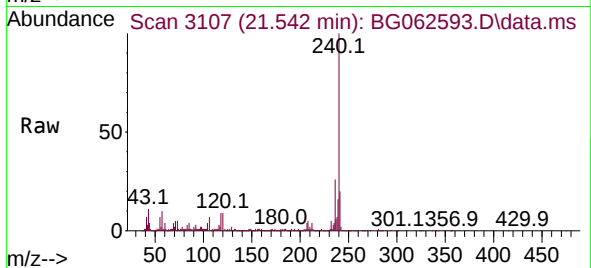
Tgt Ion:240 Resp: 478435

Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 26.0 20.5 30.7



#79

Terphenyl-d14

Concen: 99.872 ng

RT: 19.921 min Scan# 2831

Delta R.T. 0.006 min

Lab File: BG062593.D

Acq: 28 Aug 2024 13:11

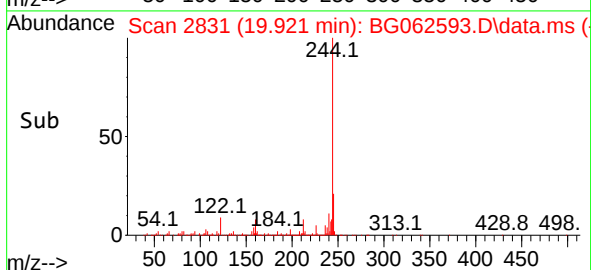
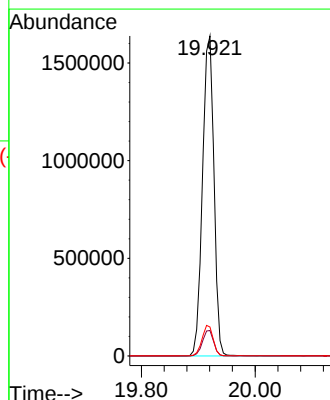
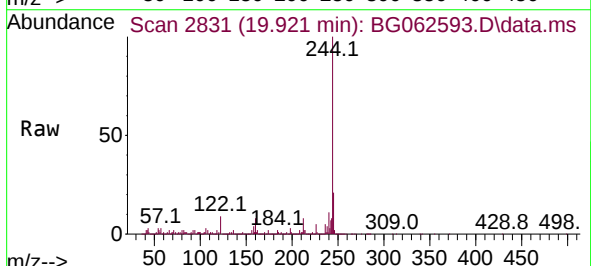
Tgt Ion:244 Resp: 2285412

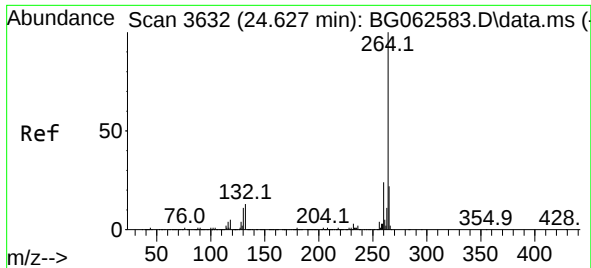
Ion Ratio Lower Upper

244 100

212 8.0 6.7 10.1

122 9.1 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.621 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG062593.D
 Acq: 28 Aug 2024 13:11

Instrument :
 BNA_G
 ClientSampleId :
 MOO-SOIL-PILE

Tgt Ion:264 Resp: 545680
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.0 28.4
 265 21.4 17.8 26.6

