

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060061.D
 Acq On : 16 Dec 2023 8:44
 Operator : MA/JU
 Sample : 05804-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FENCE-POST-CONCRETE

Quant Time: Dec 18 00:27:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	62953	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	266323	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	218545	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	687532	20.000	ng	0.00
76) Chrysene-d12	21.608	240	794335	20.000	ng	0.00
86) Perylene-d12	24.798	264	942256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	314933	85.638	ng	0.00
7) Phenol-d6	7.113	99	449936	86.978	ng	0.00
23) Nitrobenzene-d5	9.116	82	296933	50.627	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	454131	89.166	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	984961	55.160	ng	0.00
79) Terphenyl-d14	19.962	244	2615190	60.108	ng	0.00

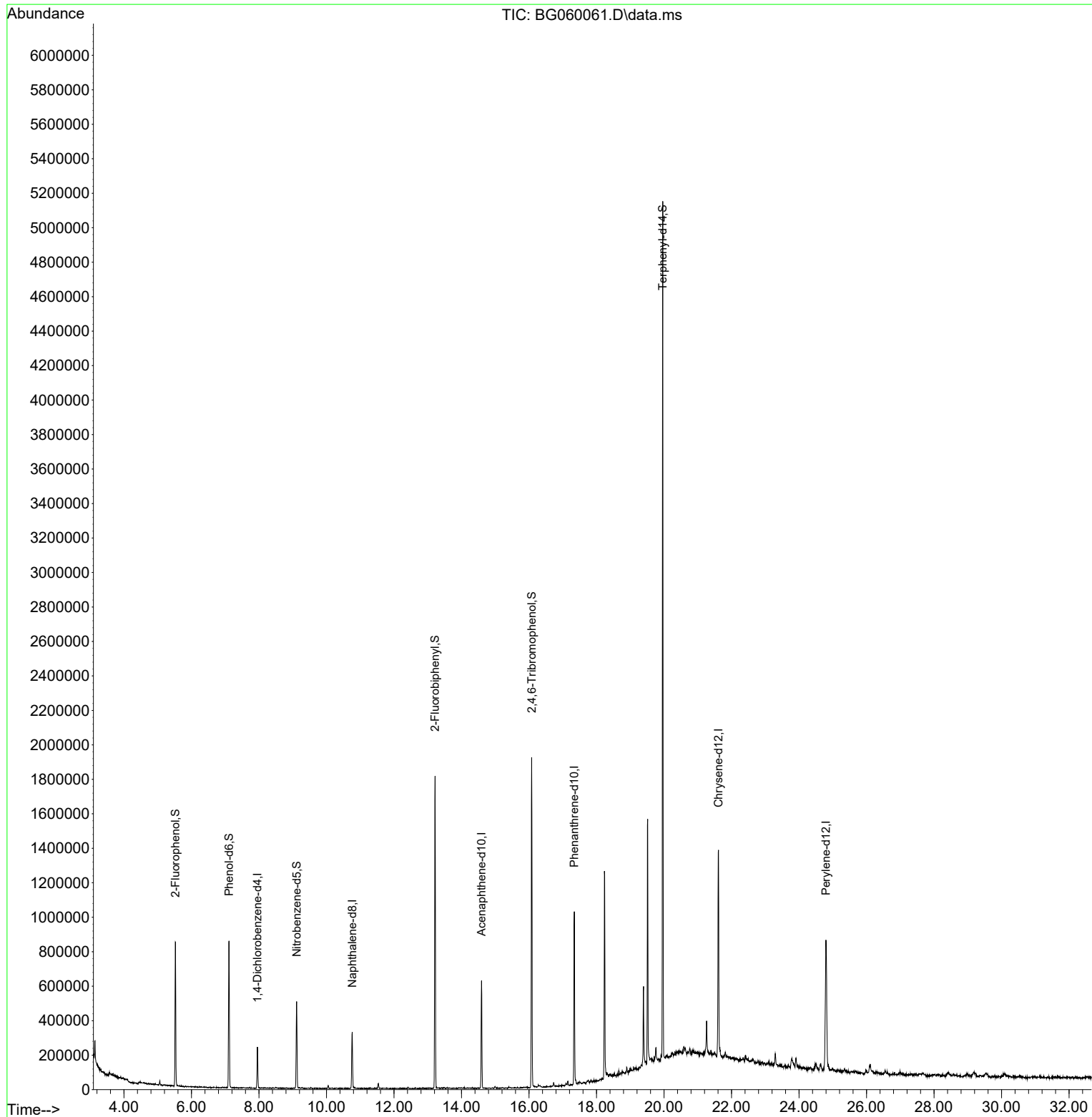
Target Compounds	Qvalue

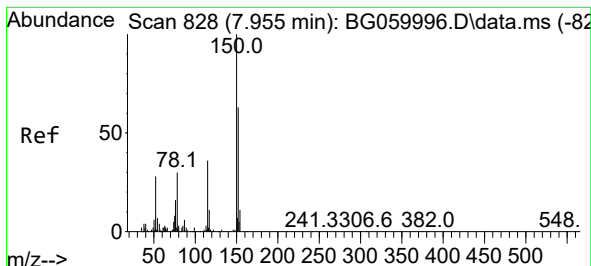
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.953 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG060061.D

Acq: 16 Dec 2023 8:44

Instrument :

BNA_G

ClientSampleId :

FENCE-POST-CONCRETE

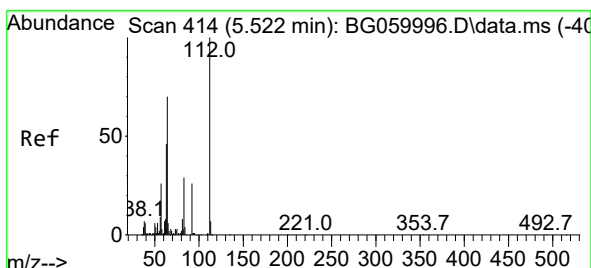
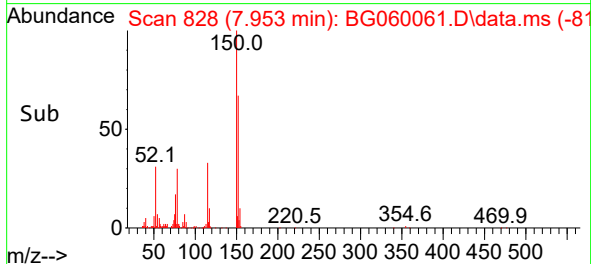
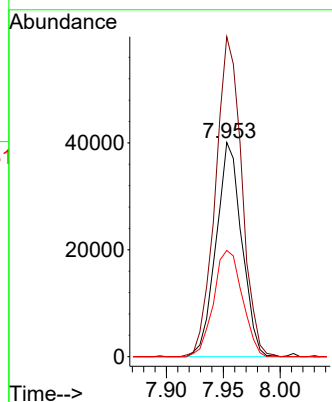
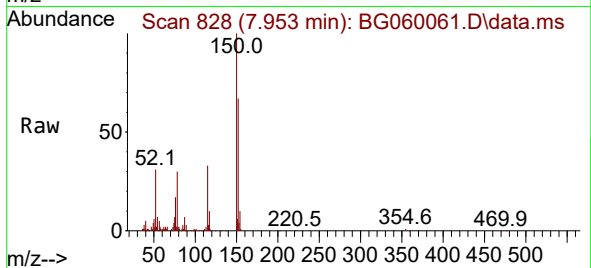
Tgt Ion:152 Resp: 62953

Ion Ratio Lower Upper

152 100

150 149.4 127.0 190.6

115 49.6 45.7 68.5



#5

2-Fluorophenol

Concen: 85.638 ng

RT: 5.526 min Scan# 415

Delta R.T. 0.004 min

Lab File: BG060061.D

Acq: 16 Dec 2023 8:44

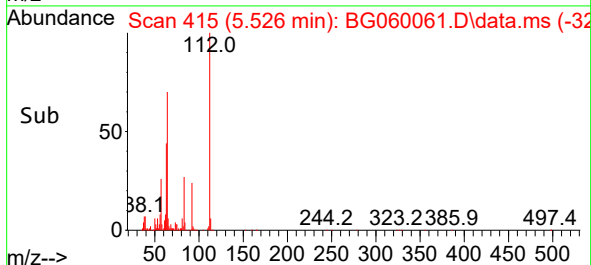
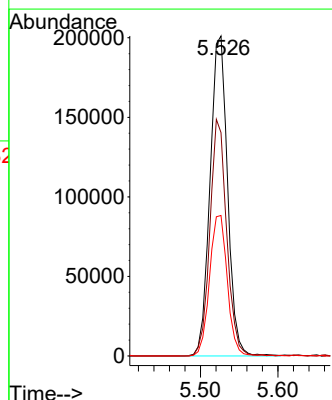
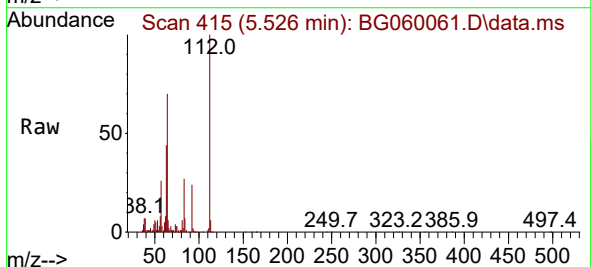
Tgt Ion:112 Resp: 314933

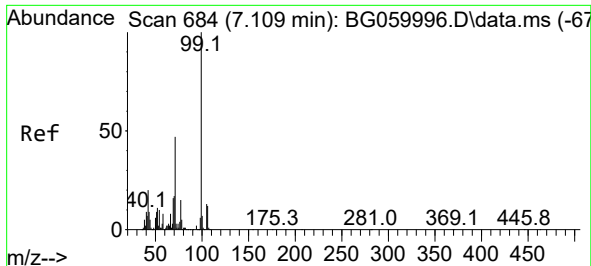
Ion Ratio Lower Upper

112 100

64 69.8 55.9 83.9

63 43.9 36.5 54.7

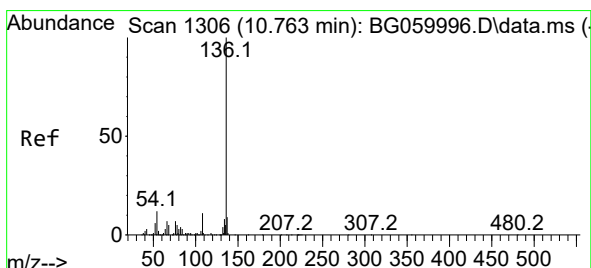
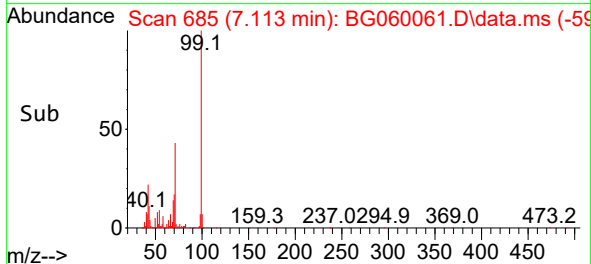
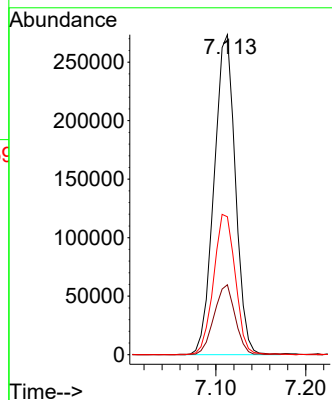
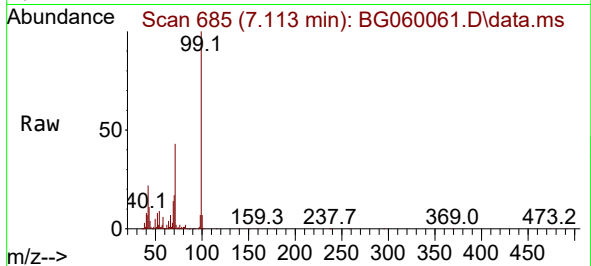




#7
Phenol-d6
Concen: 86.978 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060061.D
Acq: 16 Dec 2023 8:44

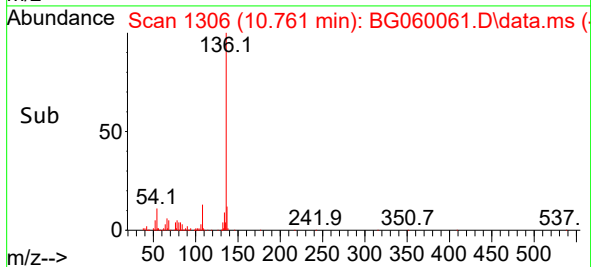
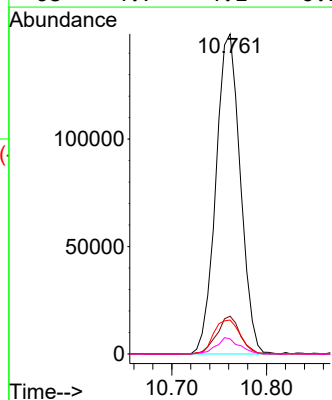
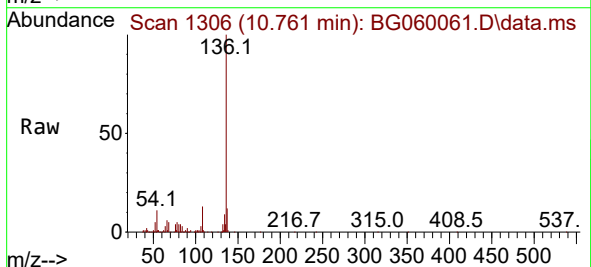
Instrument :
BNA_G
ClientSampleId :
FENCE-POST-CONCRETE

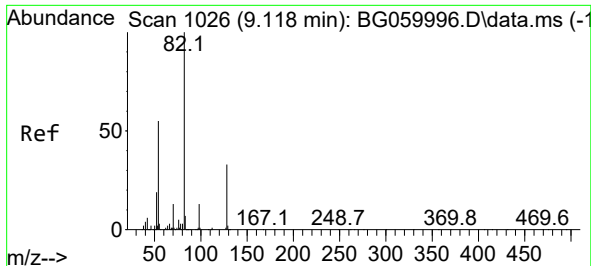
Tgt Ion: 99 Resp: 449936
Ion Ratio Lower Upper
99 100
42 21.8 16.2 24.4
71 43.1 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060061.D
Acq: 16 Dec 2023 8:44

Tgt Ion: 136 Resp: 266323
Ion Ratio Lower Upper
136 100
137 11.8 7.3 10.9#
54 10.6 9.6 14.4
68 4.7 4.1 6.1

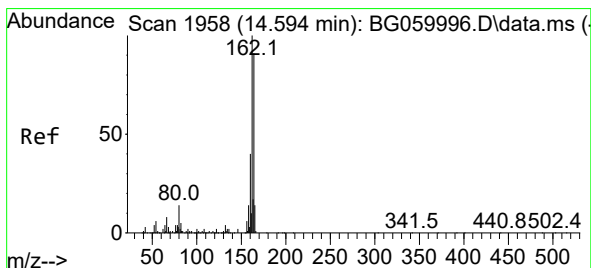
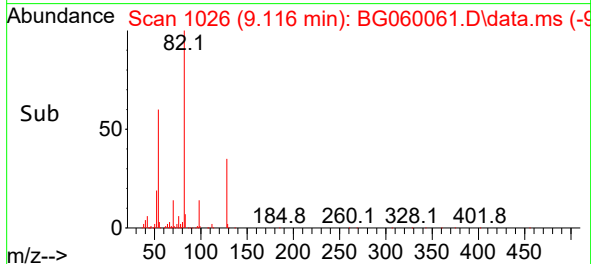
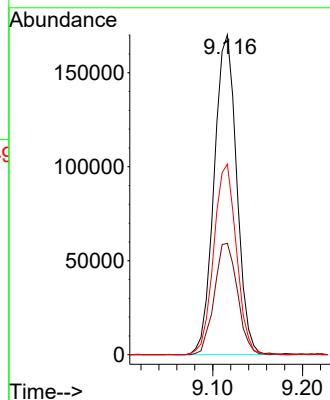
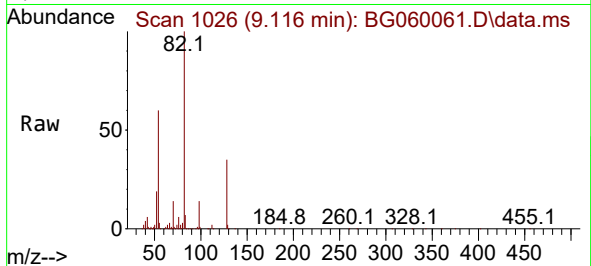




#23
Nitrobenzene-d5
Concen: 50.627 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060061.D
Acq: 16 Dec 2023 8:44

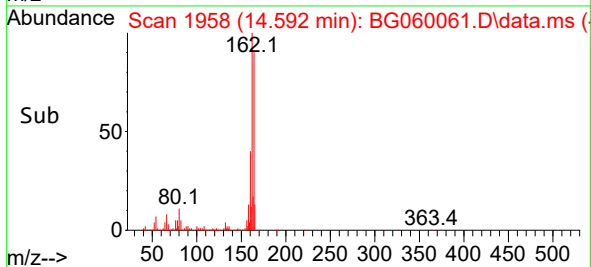
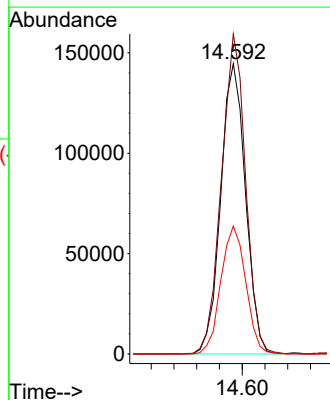
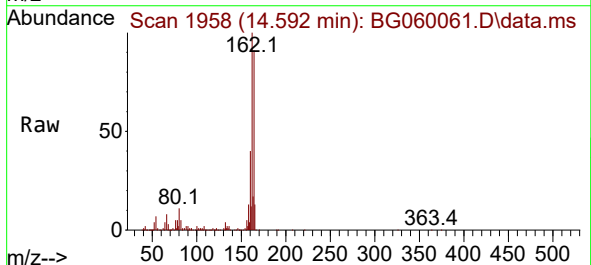
Instrument :
BNA_G
ClientSampleId :
FENCE-POST-CONCRETE

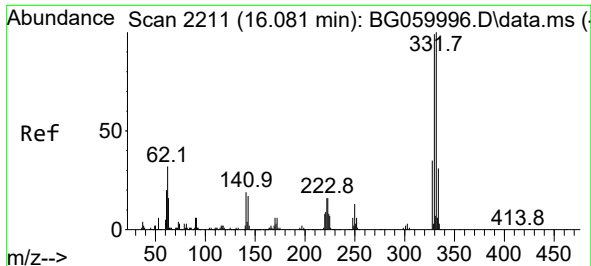
Tgt Ion: 82 Resp: 296933
Ion Ratio Lower Upper
82 100
128 34.8 26.3 39.5
54 59.6 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060061.D
Acq: 16 Dec 2023 8:44

Tgt Ion:164 Resp: 218545
Ion Ratio Lower Upper
164 100
162 110.3 88.1 132.1
160 44.1 35.4 53.0

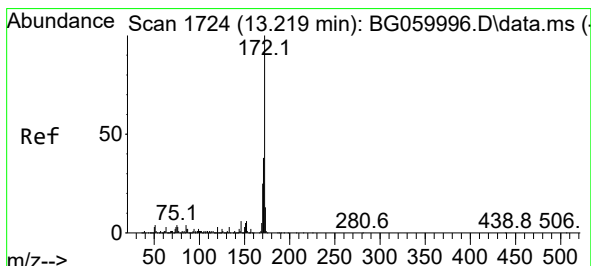
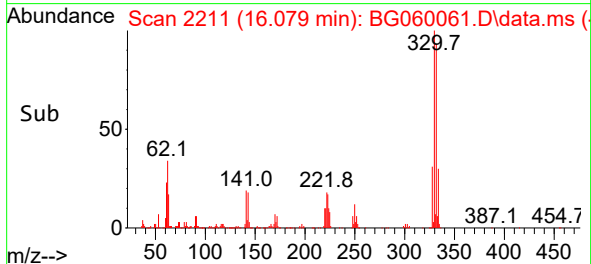
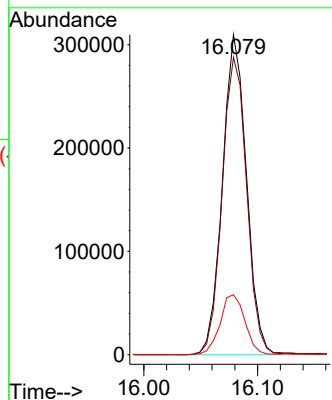
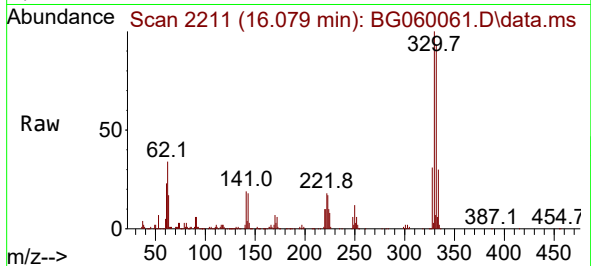




#42
2,4,6-Tribromophenol
Concen: 89.166 ng
RT: 16.079 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060061.D
Acq: 16 Dec 2023 8:44

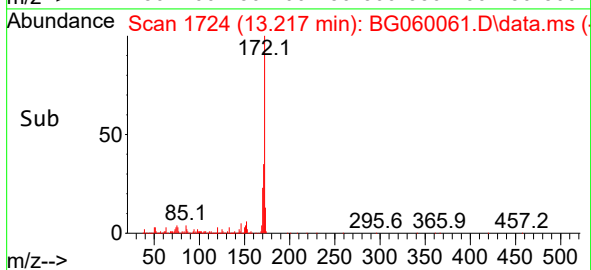
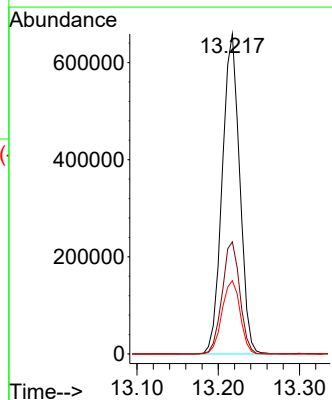
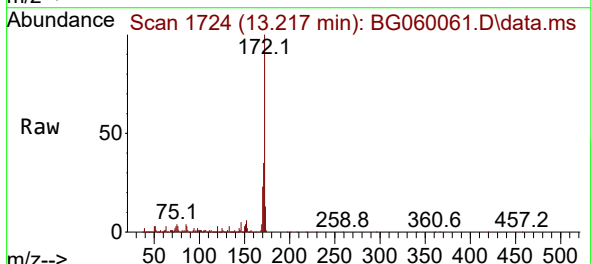
Instrument :
BNA_G
ClientSampleId :
FENCE-POST-CONCRETE

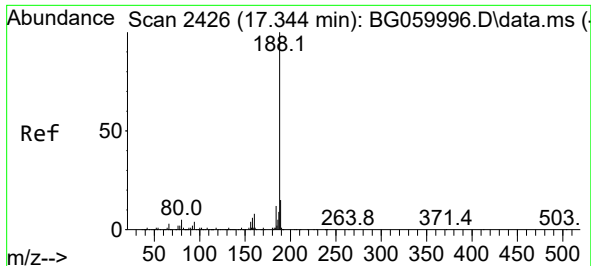
Tgt Ion:330 Resp: 454131
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 19.6 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 55.160 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060061.D
Acq: 16 Dec 2023 8:44

Tgt Ion:172 Resp: 984961
Ion Ratio Lower Upper
172 100
171 35.0 30.1 45.1
170 22.9 20.0 30.0

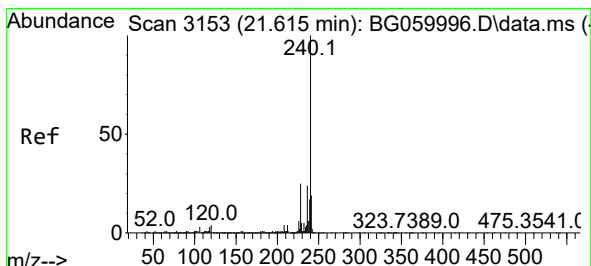
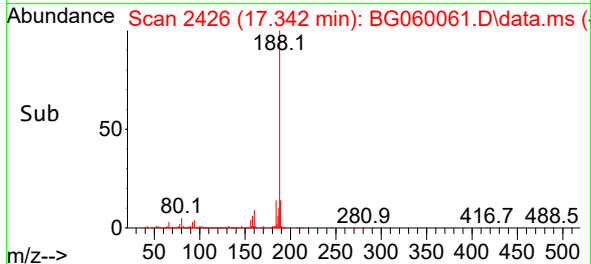
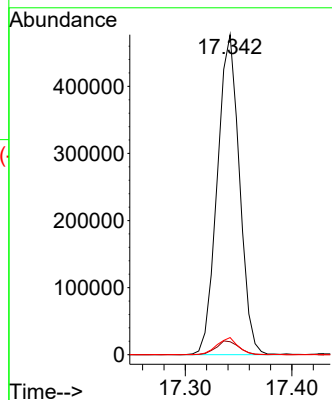
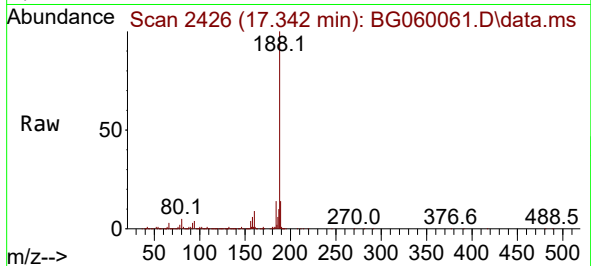




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG060061.D
Acq: 16 Dec 2023 8:44

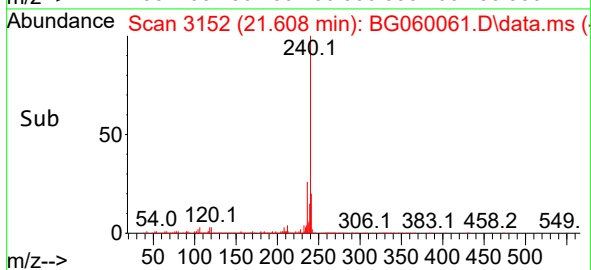
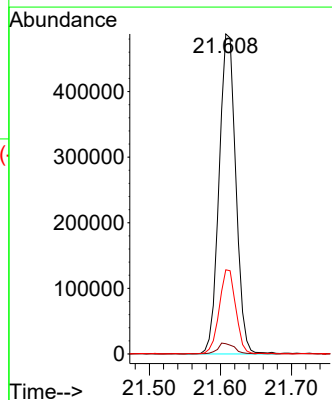
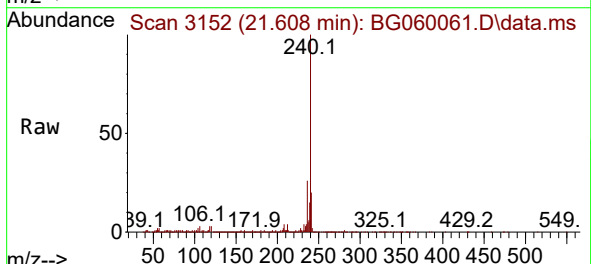
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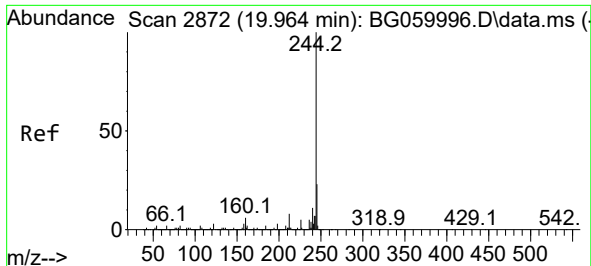
Tgt Ion:188 Resp: 687532
Ion Ratio Lower Upper
188 100
94 4.0 3.0 4.6
80 5.4 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.608 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BG060061.D
Acq: 16 Dec 2023 8:44

Tgt Ion:240 Resp: 794335
Ion Ratio Lower Upper
240 100
120 3.2 2.9 4.3
236 26.3 19.4 29.2

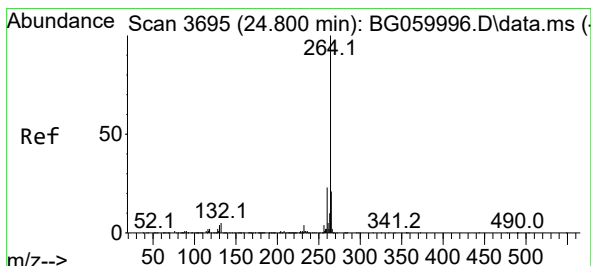
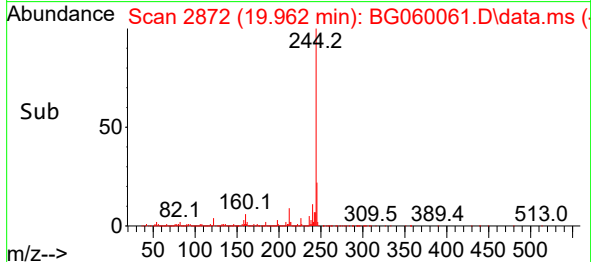
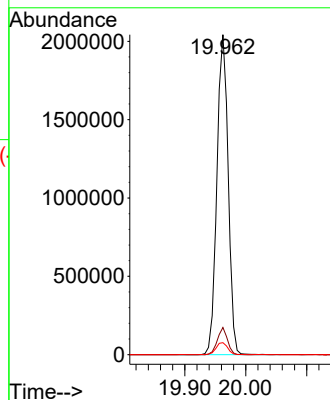
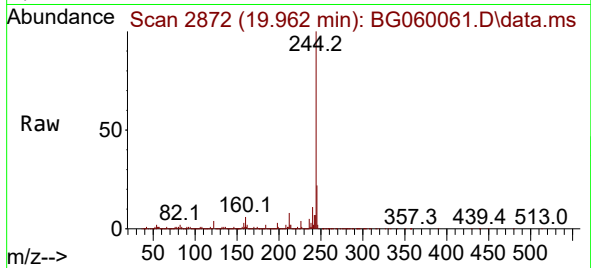




#79
 Terphenyl-d14
 Concen: 60.108 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG060061.D
 Acq: 16 Dec 2023 8:44

Instrument :
 BNA_G
 ClientSampleId :
 FENCE-POST-CONCRETE

Tgt Ion:244 Resp: 2615190
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.8 10.2
 122 3.8 2.6 3.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 3695
 Delta R.T. -0.002 min
 Lab File: BG060061.D
 Acq: 16 Dec 2023 8:44

Tgt Ion:264 Resp: 942256
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 20.7 17.3 25.9

