

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060151.D
 Acq On : 23 Dec 2023 00:16
 Operator : MA/JU
 Sample : 05929-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD-4

Quant Time: Dec 25 00:41:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	230634	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	1048364	20.000	ng	0.00
39) Acenaphthene-d10	14.576	164	855404	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	2007741	20.000	ng	0.00
76) Chrysene-d12	21.585	240	1359012	20.000	ng	0.00
86) Perylene-d12	24.758	264	1517632	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1064007	72.694	ng	0.00
7) Phenol-d6	7.102	99	2246393	91.194	ng	0.00
23) Nitrobenzene-d5	9.100	82	1419625	66.335	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	505826	43.919	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	3770285	66.182	ng	0.00
79) Terphenyl-d14	19.946	244	4754582	63.308	ng	0.00

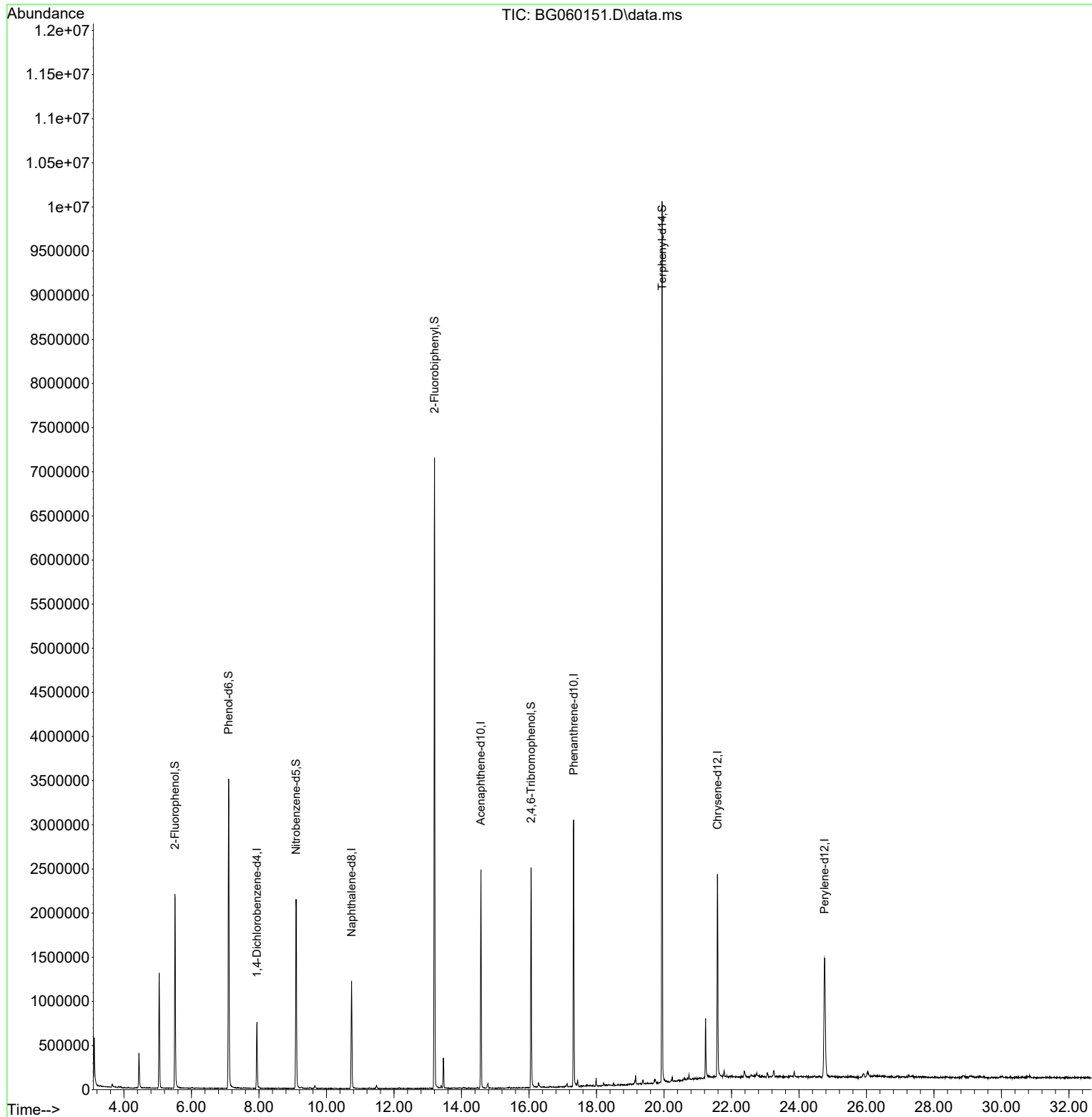
Target Compounds	Qvalue

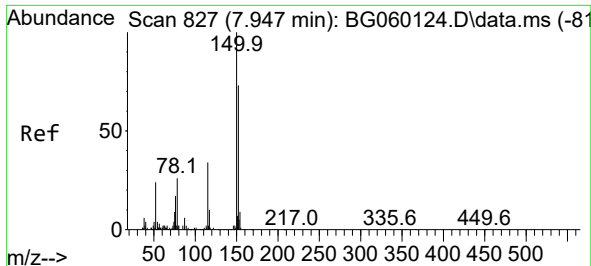
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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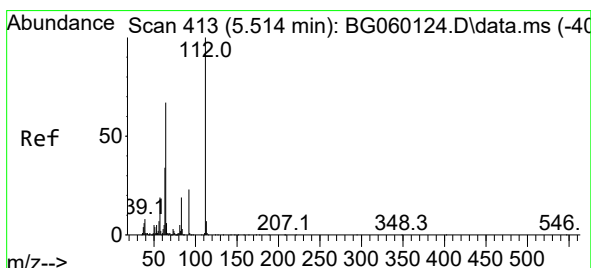
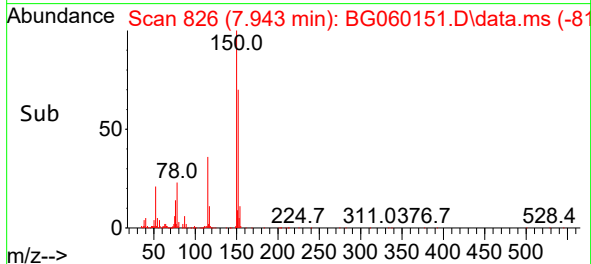
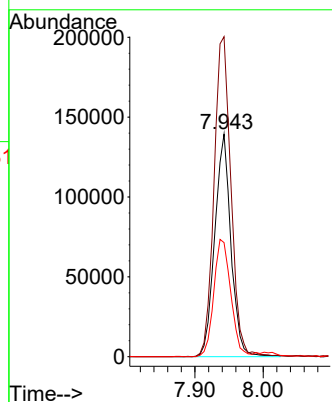
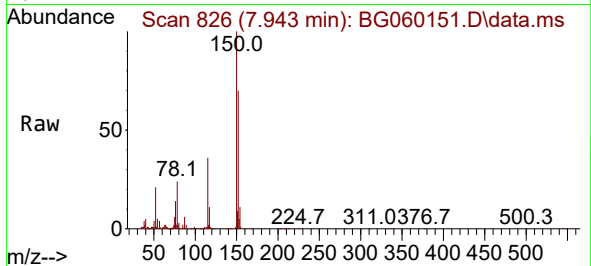




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060151.D
Acq: 23 Dec 2023 00:16

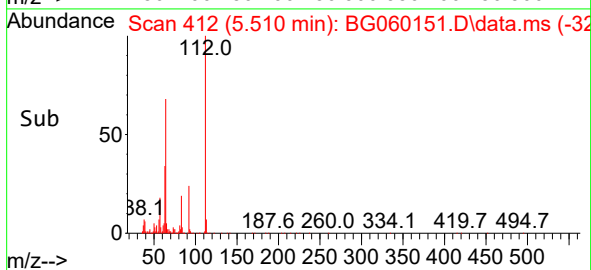
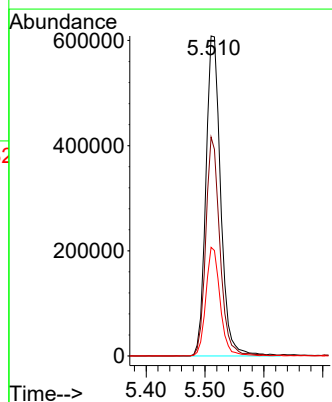
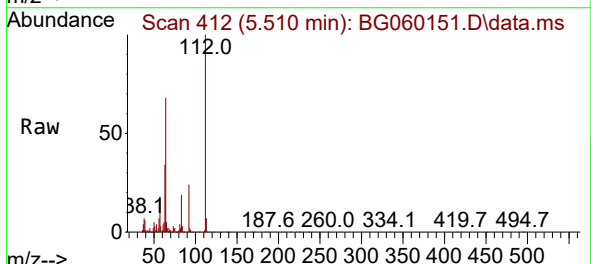
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-4

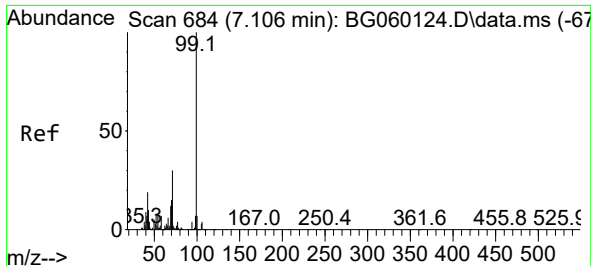
Tgt Ion:152 Resp: 230634
Ion Ratio Lower Upper
152 100
150 143.8 109.4 164.0
115 51.3 36.5 54.7



#5
2-Fluorophenol
Concen: 72.694 ng
RT: 5.510 min Scan# 412
Delta R.T. -0.004 min
Lab File: BG060151.D
Acq: 23 Dec 2023 00:16

Tgt Ion:112 Resp: 1064007
Ion Ratio Lower Upper
112 100
64 68.4 53.3 79.9
63 34.0 27.1 40.7

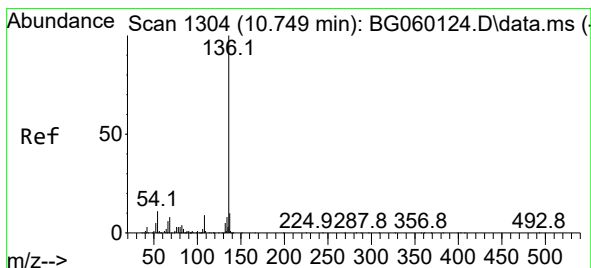
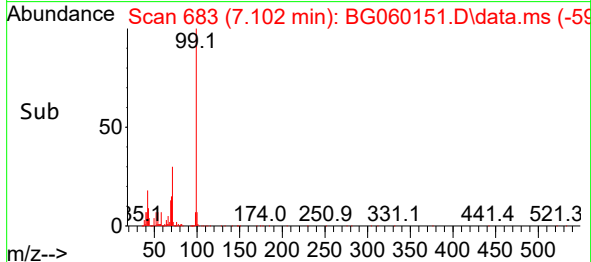
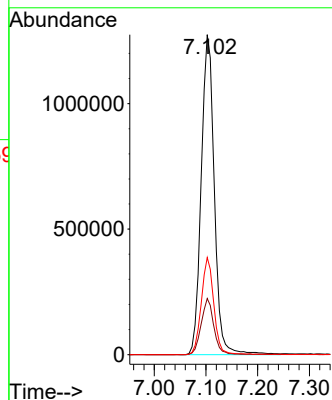
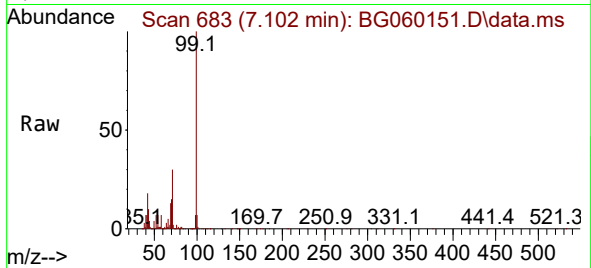




#7
Phenol-d6
Concen: 91.194 ng
RT: 7.102 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060151.D
Acq: 23 Dec 2023 00:16

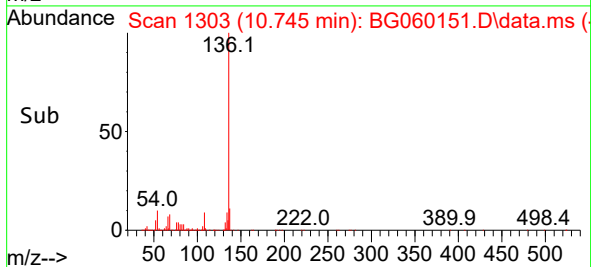
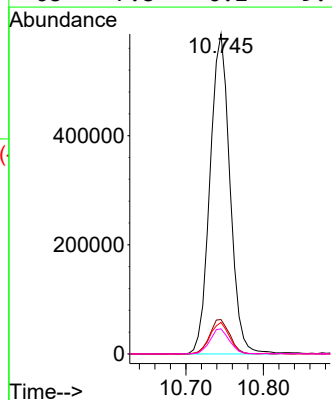
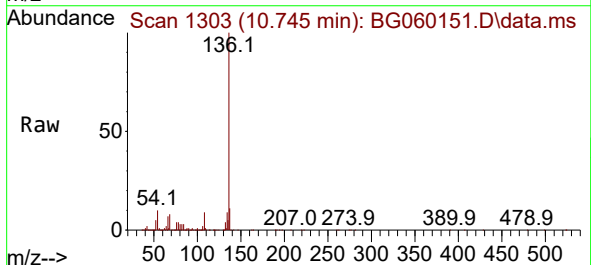
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-4

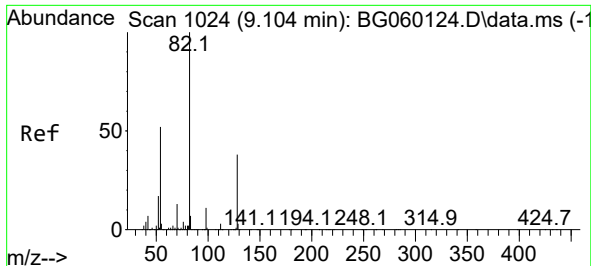
Tgt Ion: 99 Resp: 2246393
Ion Ratio Lower Upper
99 100
42 17.6 15.2 22.8
71 30.3 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1303
Delta R.T. -0.004 min
Lab File: BG060151.D
Acq: 23 Dec 2023 00:16

Tgt Ion:136 Resp: 1048364
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 9.9 8.7 13.1
68 7.8 6.2 9.4

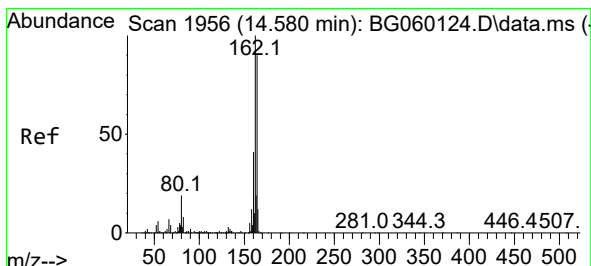
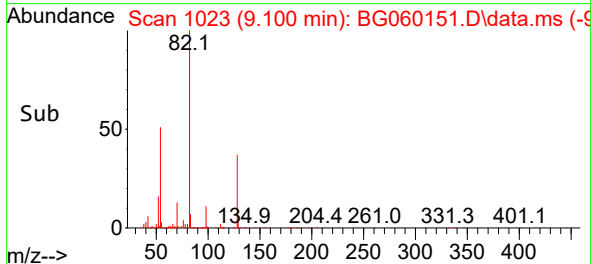
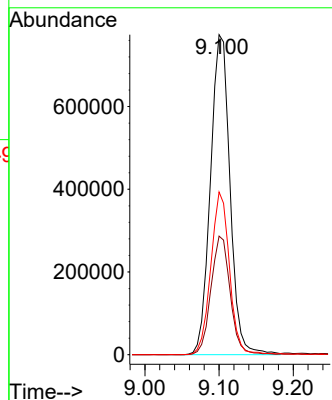
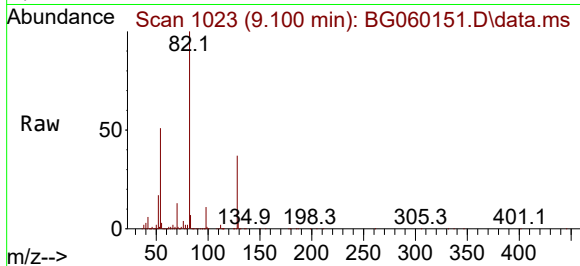




#23
Nitrobenzene-d5
Concen: 66.335 ng
RT: 9.100 min Scan# 1024
Delta R.T. -0.004 min
Lab File: BG060151.D
Acq: 23 Dec 2023 00:16

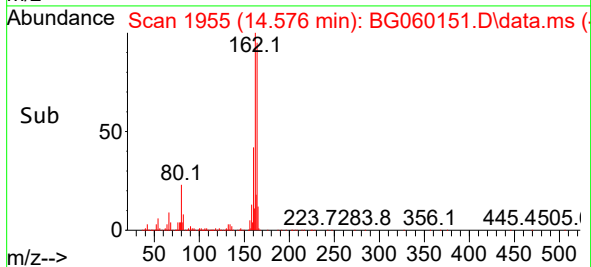
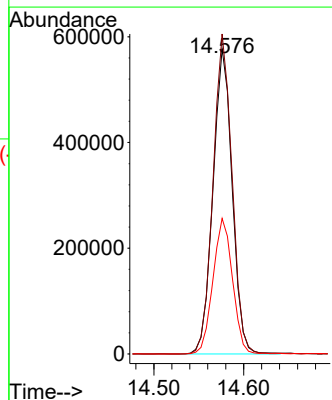
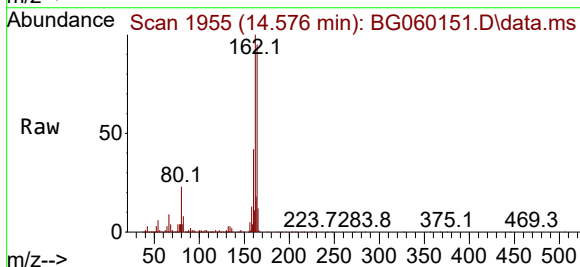
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-4

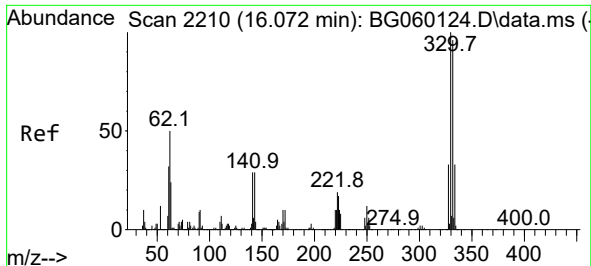
Tgt Ion: 82 Resp: 1419625
Ion Ratio Lower Upper
82 100
128 37.0 30.5 45.7
54 50.9 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1955
Delta R.T. -0.004 min
Lab File: BG060151.D
Acq: 23 Dec 2023 00:16

Tgt Ion:164 Resp: 855404
Ion Ratio Lower Upper
164 100
162 104.8 88.5 132.7
160 44.4 36.2 54.2

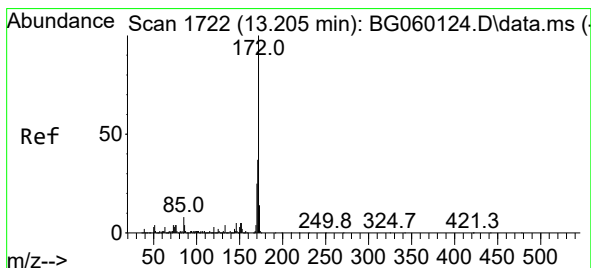
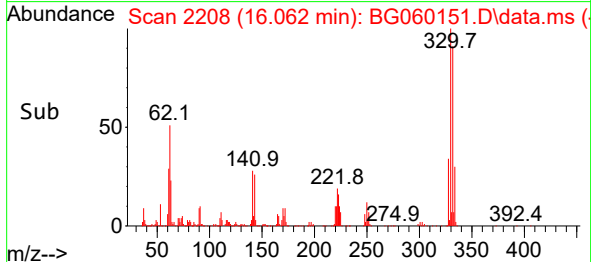
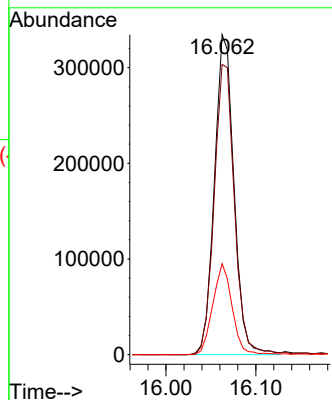
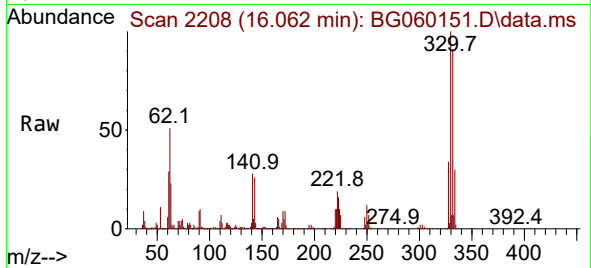




#42
2,4,6-Tribromophenol
Concen: 43.919 ng
RT: 16.062 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG060151.D
Acq: 23 Dec 2023 00:16

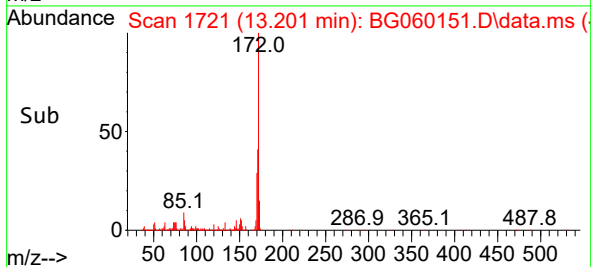
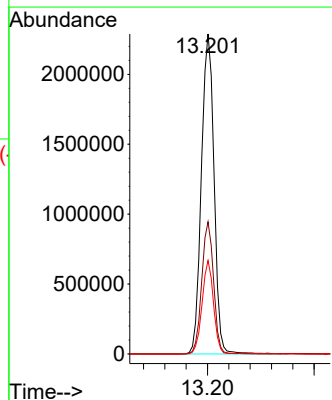
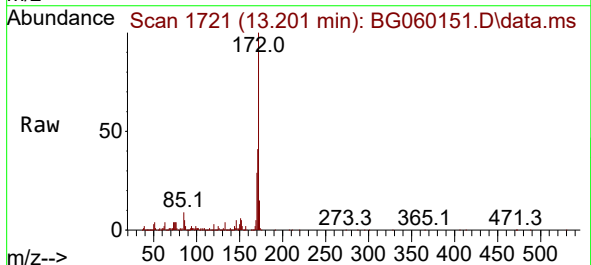
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-4

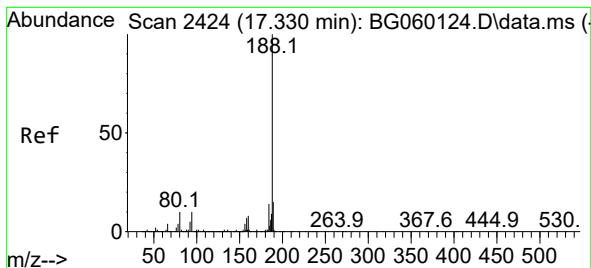
Tgt Ion:330 Resp: 505826
Ion Ratio Lower Upper
330 100
332 93.9 75.5 113.3
141 28.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 66.182 ng
RT: 13.201 min Scan# 1721
Delta R.T. -0.004 min
Lab File: BG060151.D
Acq: 23 Dec 2023 00:16

Tgt Ion:172 Resp: 3770285
Ion Ratio Lower Upper
172 100
171 41.3 29.2 43.8
170 29.2 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.326 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG060151.D

Acq: 23 Dec 2023 00:16

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PAD-4

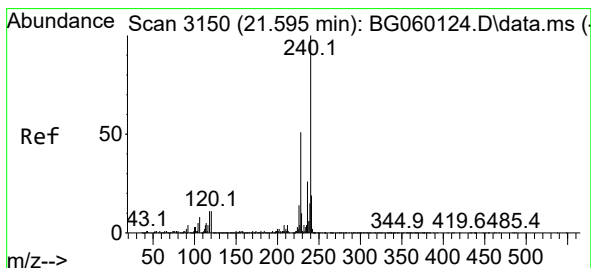
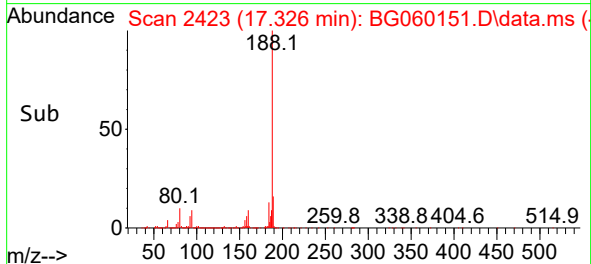
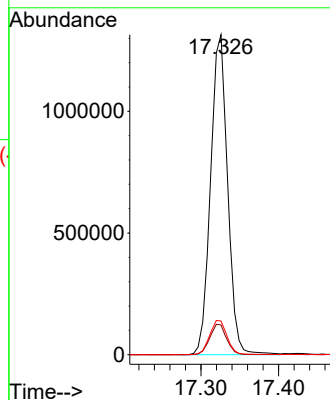
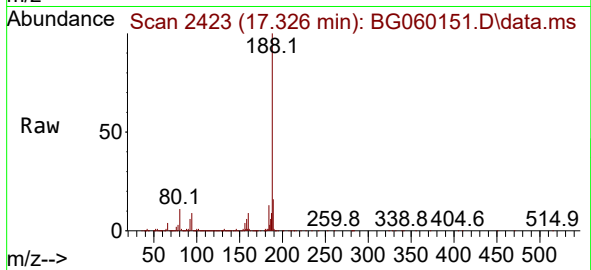
Tgt Ion:188 Resp: 2007741

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.5 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.585 min Scan# 3148

Delta R.T. -0.010 min

Lab File: BG060151.D

Acq: 23 Dec 2023 00:16

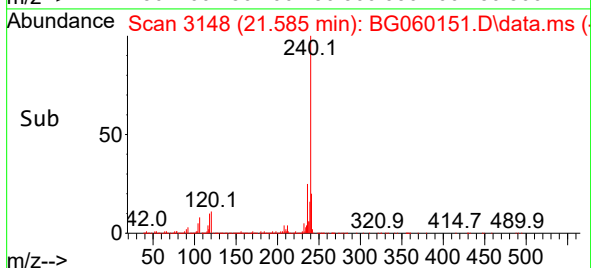
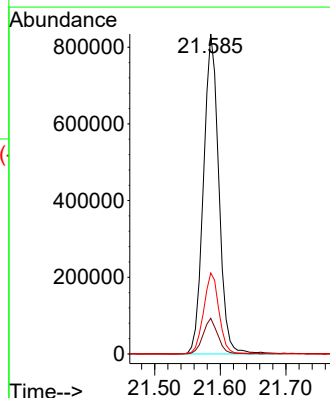
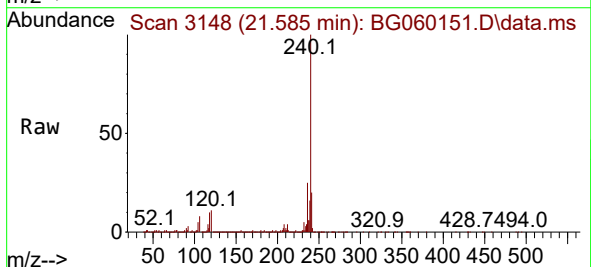
Tgt Ion:240 Resp: 1359012

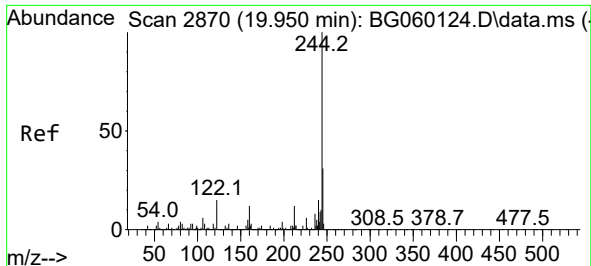
Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.6

236 25.3 20.4 30.6

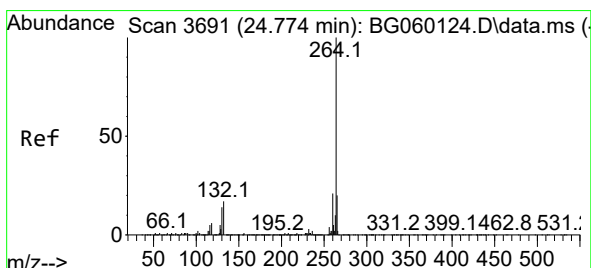
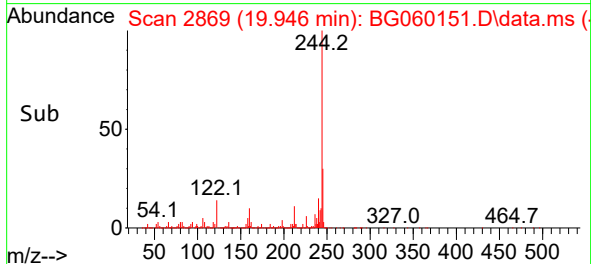
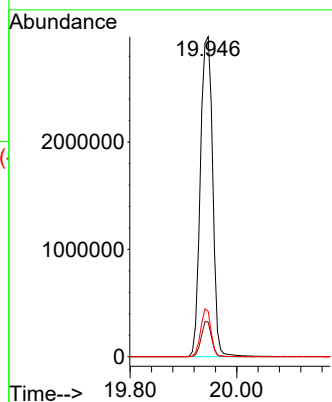
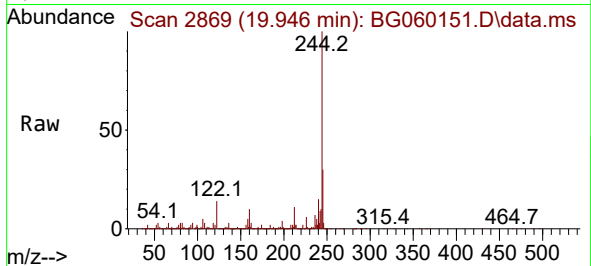




#79
 Terphenyl-d14
 Concen: 63.308 ng
 RT: 19.946 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060151.D
 Acq: 23 Dec 2023 00:16

Instrument :
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Tgt Ion:244 Resp: 4754582
 Ion Ratio Lower Upper
 244 100
 212 10.8 9.5 14.3
 122 14.2 12.2 18.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.758 min Scan# 3688
 Delta R.T. -0.016 min
 Lab File: BG060151.D
 Acq: 23 Dec 2023 00:16

Tgt Ion:264 Resp: 1517632
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.1 25.7
 265 22.0 16.0 24.0

