

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060154.D
 Acq On : 23 Dec 2023 2:18
 Operator : MA/JU
 Sample : 05929-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD-8

Quant Time: Dec 25 00:42:29 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	7.941	152	312510	20.000	ng	# 0.00
21) Naphthalene-d8	10.744	136	1386899	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	1002369	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1953189	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1372954	20.000	ng	-0.01
86) Perylene-d12	24.757	264	1508949	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	1890494	95.321	ng	0.00
7) Phenol-d6	7.107	99	2908772	87.147	ng	0.00
23) Nitrobenzene-d5	9.105	82	1907108	67.362	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	872612	64.656	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	4366746	65.414	ng	0.00
79) Terphenyl-d14	19.945	244	4374536	57.656	ng	0.00

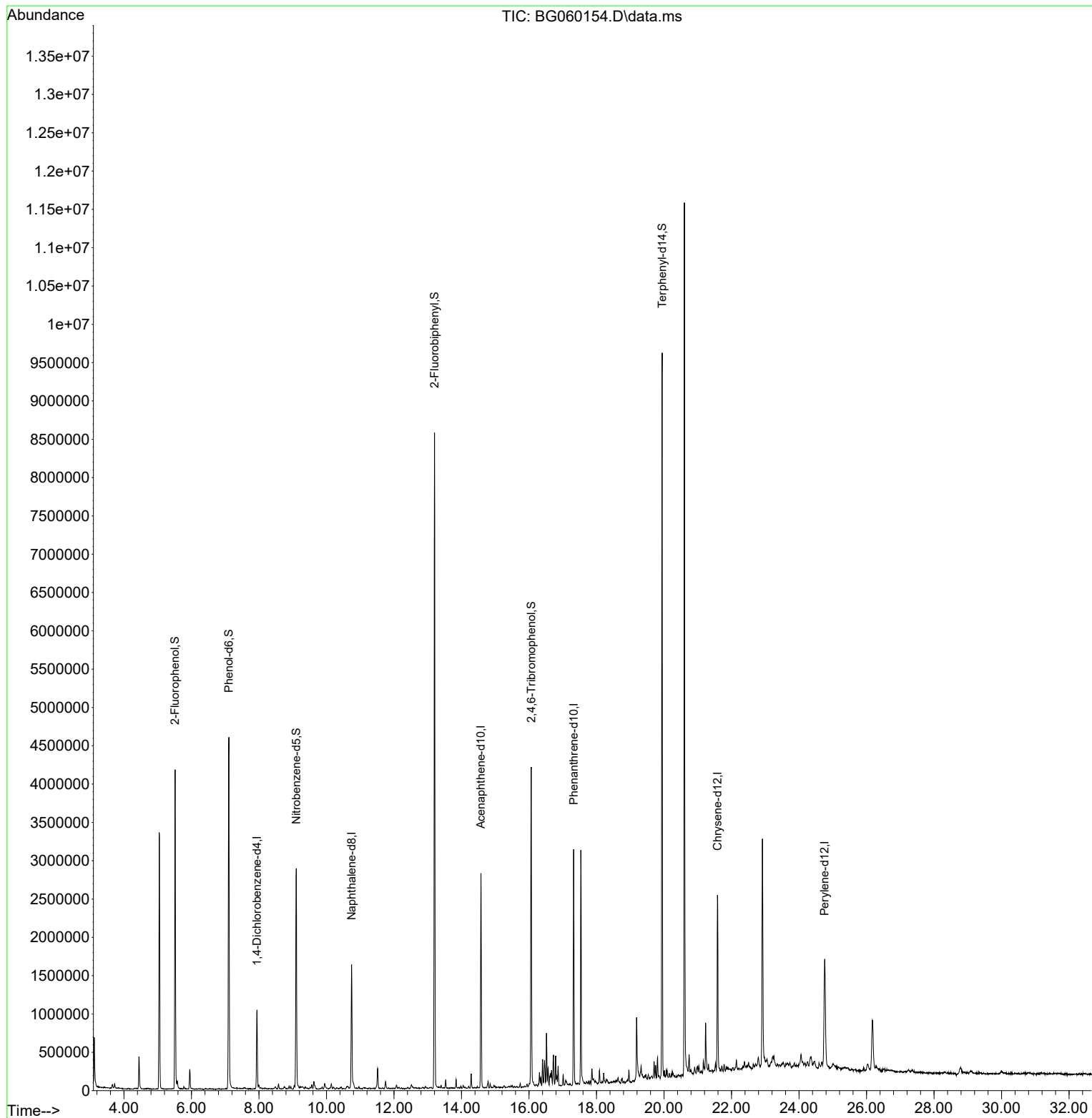
Target Compounds	Qvalue

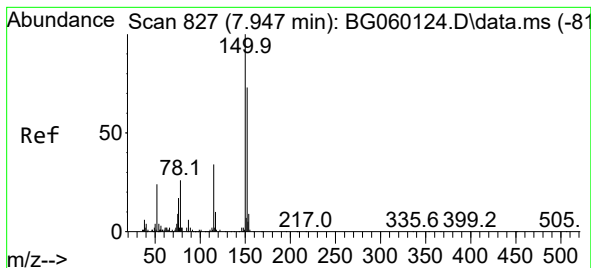
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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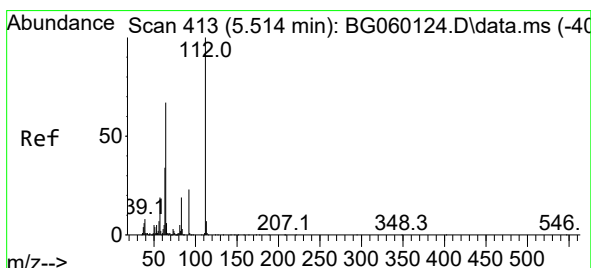
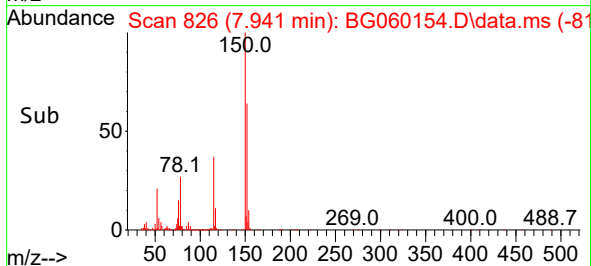
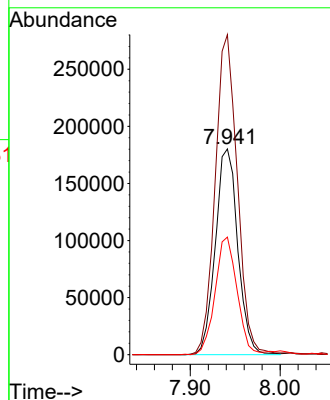
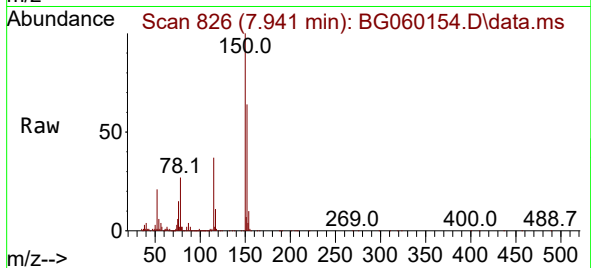




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

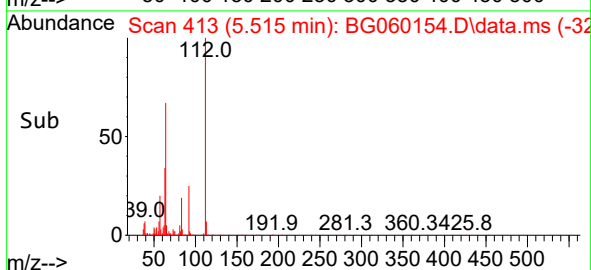
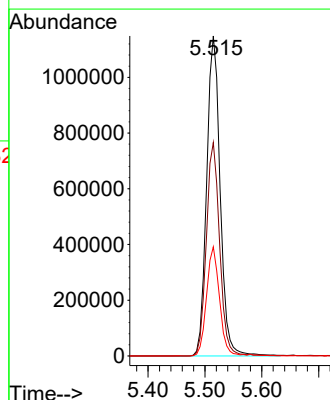
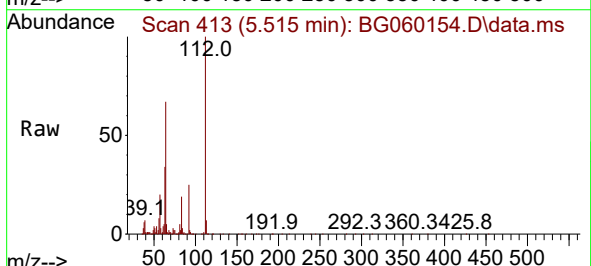
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-8

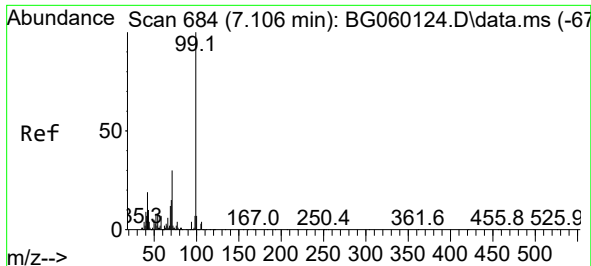
Tgt Ion:152 Resp: 312510
Ion Ratio Lower Upper
152 100
150 155.5 109.4 164.0
115 57.2 36.5 54.7#



#5
2-Fluorophenol
Concen: 95.321 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.001 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

Tgt Ion:112 Resp: 1890494
Ion Ratio Lower Upper
112 100
64 66.7 53.3 79.9
63 34.1 27.1 40.7

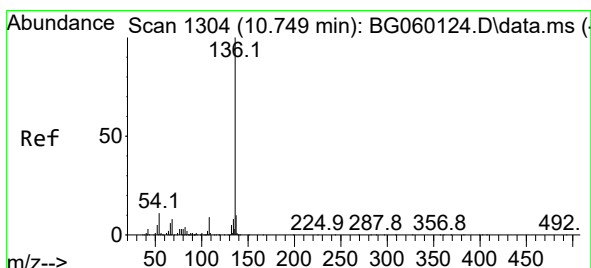
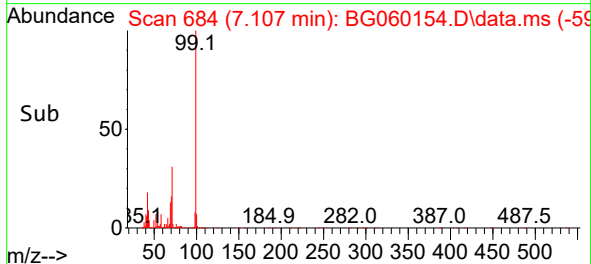
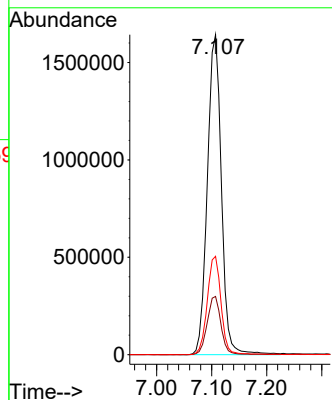
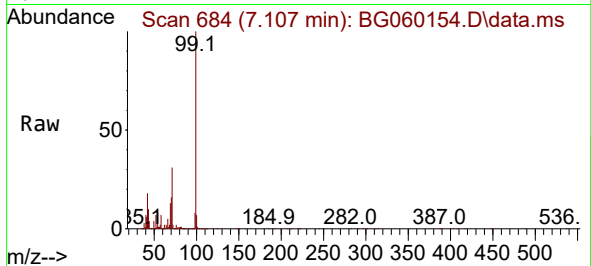




#7
Phenol-d6
Concen: 87.147 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

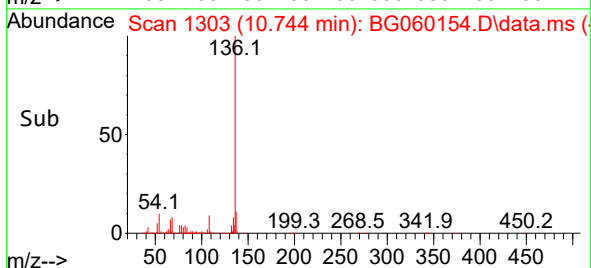
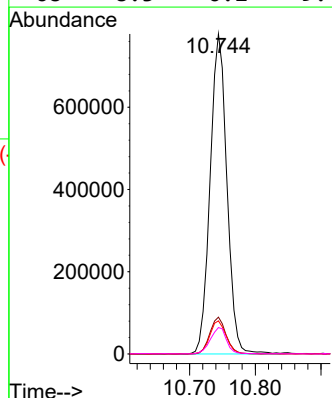
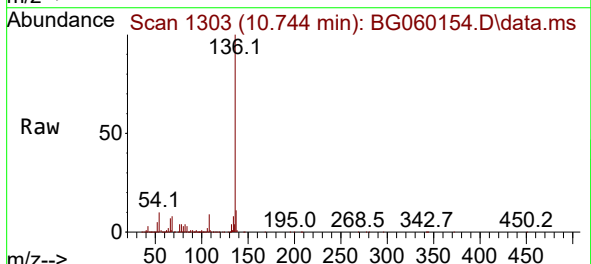
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-8

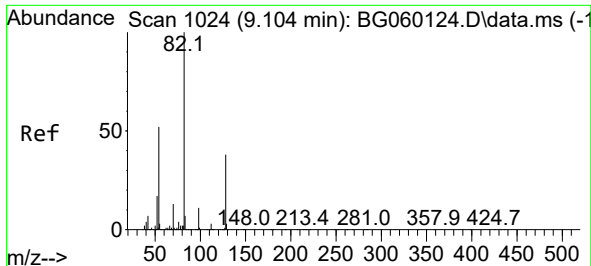
Tgt Ion: 99 Resp: 2908772
Ion Ratio Lower Upper
99 100
42 18.2 15.2 22.8
71 30.7 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. -0.005 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

Tgt Ion:136 Resp: 1386899
Ion Ratio Lower Upper
136 100
137 11.5 8.1 12.1
54 10.4 8.7 13.1
68 8.3 6.2 9.4

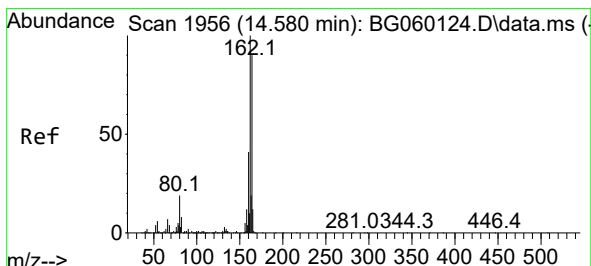
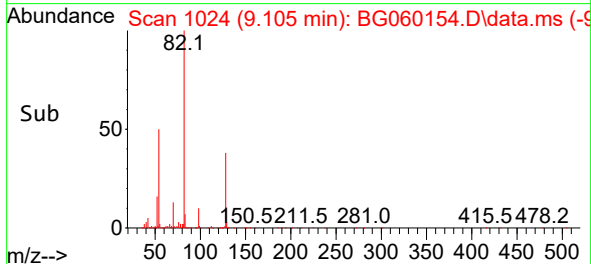
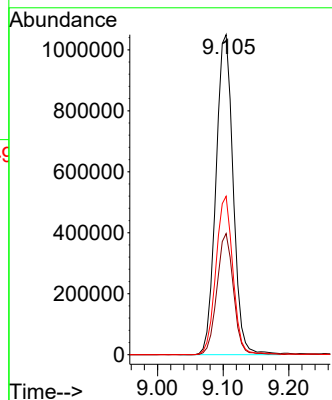
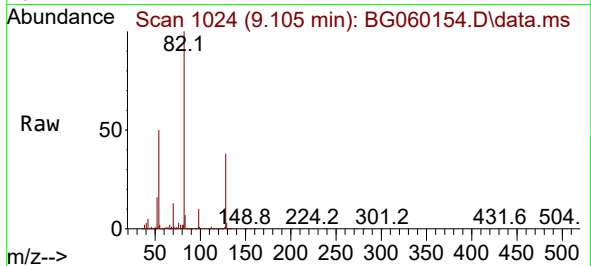




#23
Nitrobenzene-d5
Concen: 67.362 ng
RT: 9.105 min Scan# 1024
Delta R.T. 0.001 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

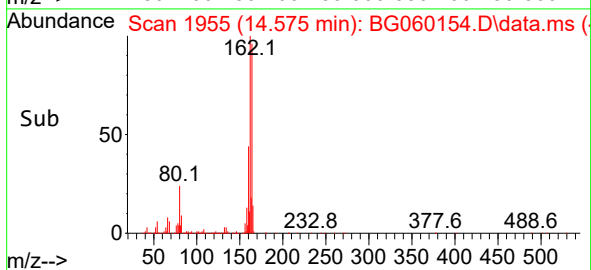
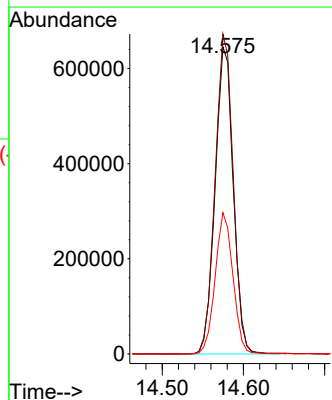
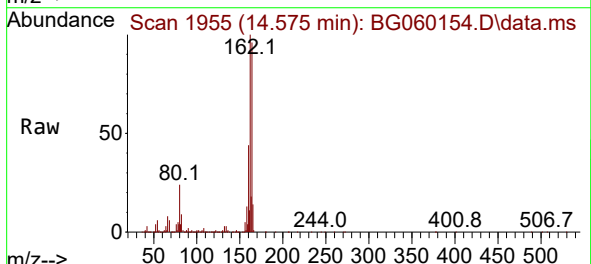
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-8

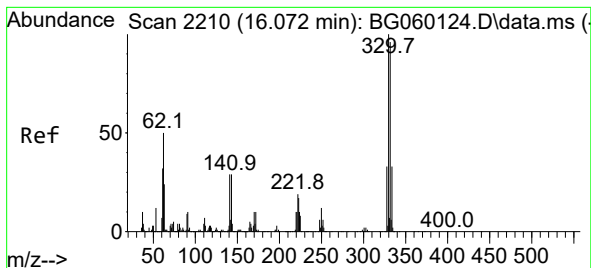
Tgt Ion: 82 Resp: 1907108
Ion Ratio Lower Upper
82 100
128 37.8 30.5 45.7
54 49.5 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

Tgt Ion: 164 Resp: 1002369
Ion Ratio Lower Upper
164 100
162 104.2 88.5 132.7
160 46.0 36.2 54.2

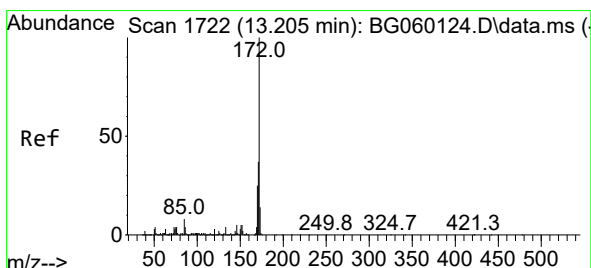
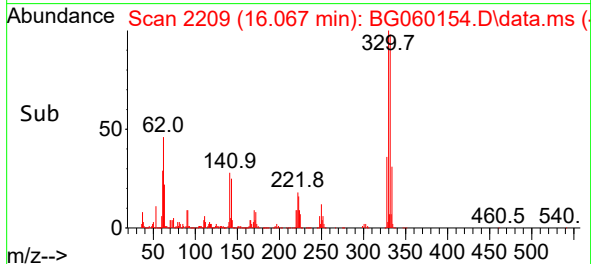
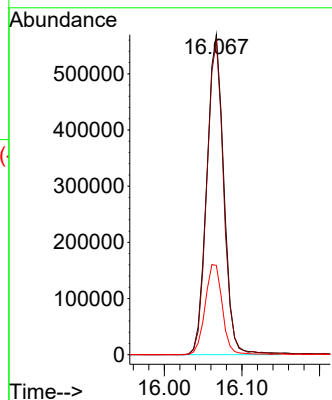
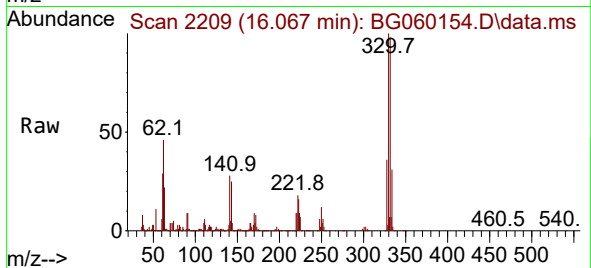




#42
2,4,6-Tribromophenol
Concen: 64.656 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

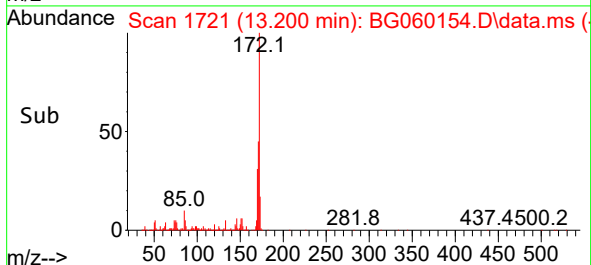
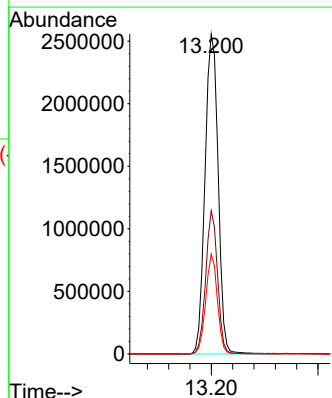
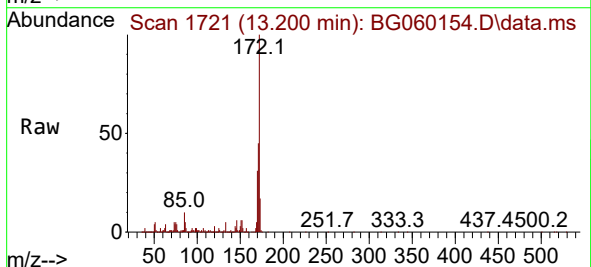
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ClientSampleId :
CONCRETE-PAD-8

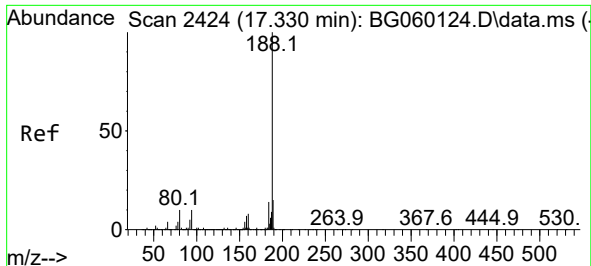
Tgt Ion:330 Resp: 872612
Ion Ratio Lower Upper
330 100
332 97.0 75.5 113.3
141 28.4 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 65.414 ng
RT: 13.200 min Scan# 1721
Delta R.T. -0.005 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

Tgt Ion:172 Resp: 4366746
Ion Ratio Lower Upper
172 100
171 44.8 29.2 43.8#
170 31.2 20.1 30.1#

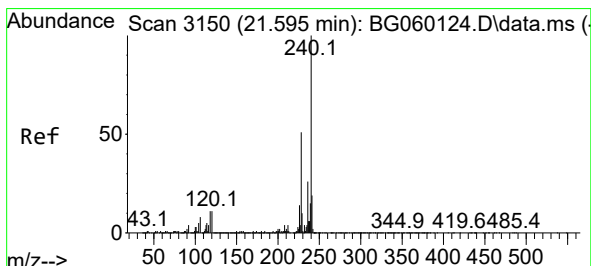
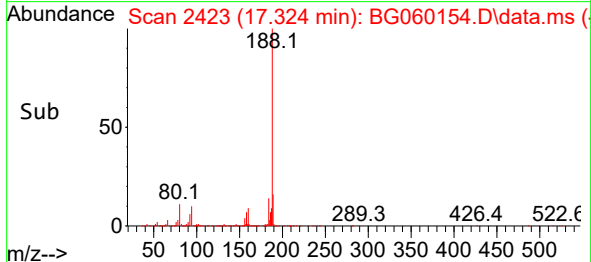
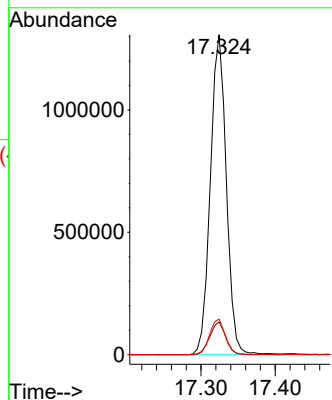
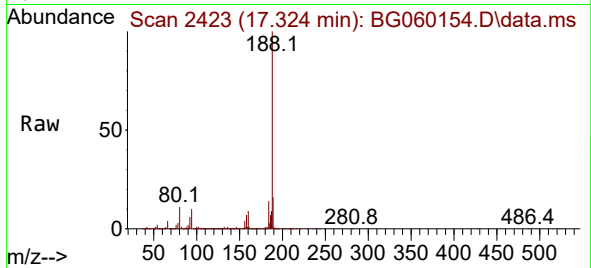




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

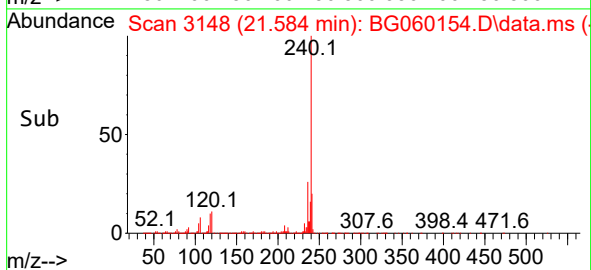
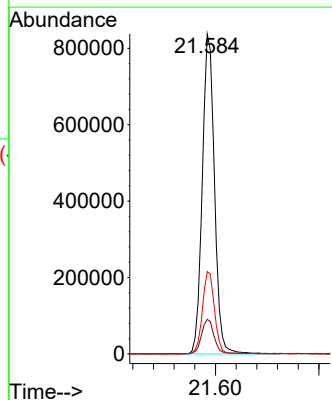
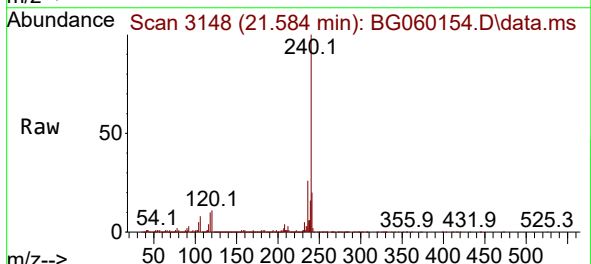
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-8

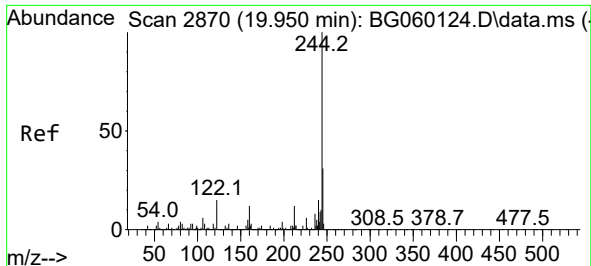
Tgt Ion:188 Resp: 1953189
Ion Ratio Lower Upper
188 100
94 10.2 7.6 11.4
80 11.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3148
Delta R.T. -0.011 min
Lab File: BG060154.D
Acq: 23 Dec 2023 2:18

Tgt Ion:240 Resp: 1372954
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 25.7 20.4 30.6





#79

Terphenyl-d14

Concen: 57.656 ng

RT: 19.945 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG060154.D

Acq: 23 Dec 2023 2:18

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PAD-8

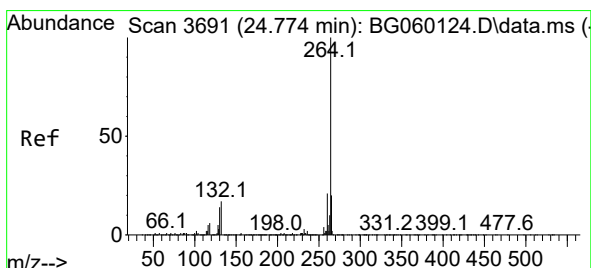
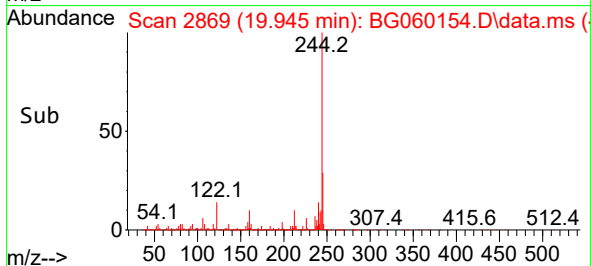
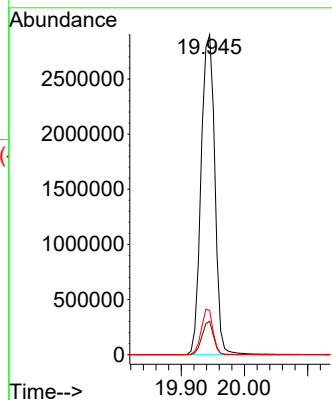
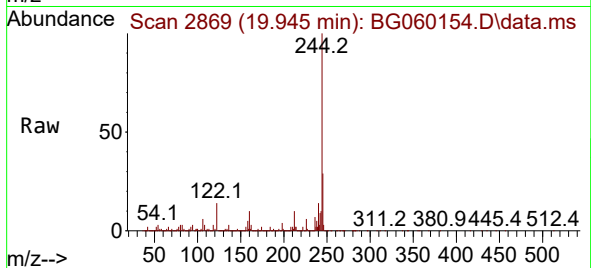
Tgt Ion:244 Resp: 4374536

Ion Ratio Lower Upper

244 100

212 10.4 9.5 14.3

122 13.8 12.2 18.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.757 min Scan# 3688

Delta R.T. -0.017 min

Lab File: BG060154.D

Acq: 23 Dec 2023 2:18

Tgt Ion:264 Resp: 1508949

Ion Ratio Lower Upper

264 100

260 23.0 17.1 25.7

265 20.8 16.0 24.0

