

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060152.D
 Acq On : 23 Dec 2023 00:57
 Operator : MA/JU
 Sample : 05929-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD-6

Quant Time: Dec 25 00:41:58 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	265980	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	1205744	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	922681	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	2028571	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1276414	20.000	ng	0.00
86) Perylene-d12	24.762	264	1480350	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1606093	95.148	ng	0.00
7) Phenol-d6	7.107	99	2742766	96.548	ng	0.00
23) Nitrobenzene-d5	9.104	82	1703127	69.195	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	924442	74.413	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	4347484	70.750	ng	0.00
79) Terphenyl-d14	19.945	244	4702898	66.672	ng	0.00

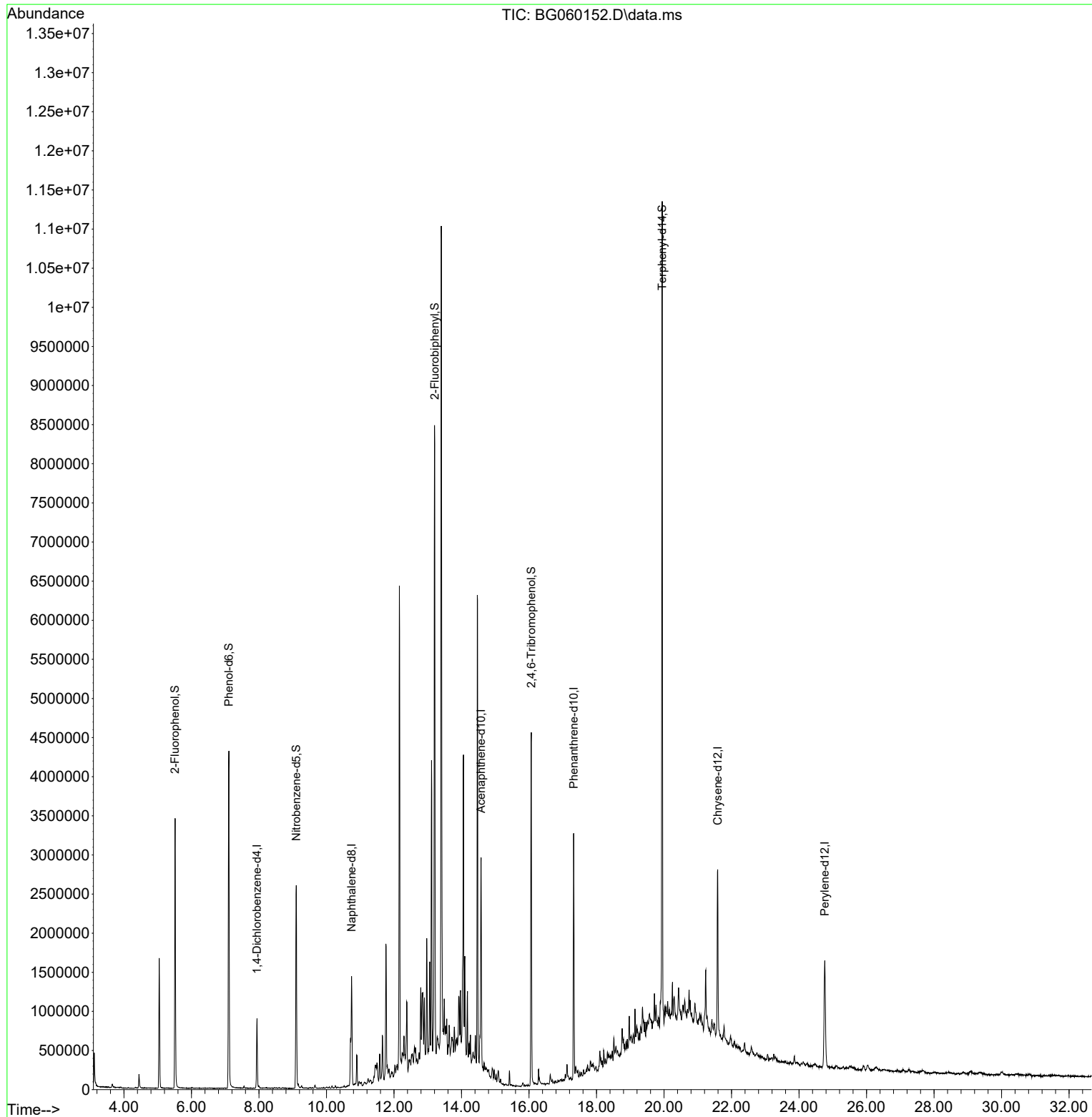
Target Compounds	Qvalue

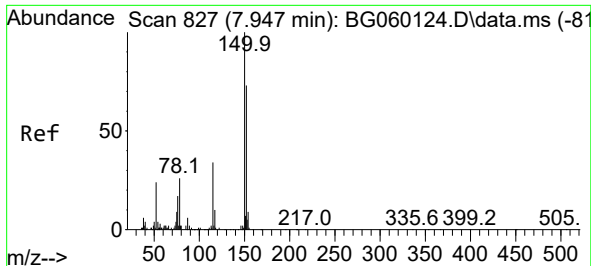
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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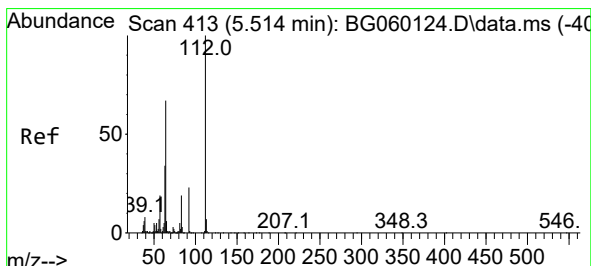
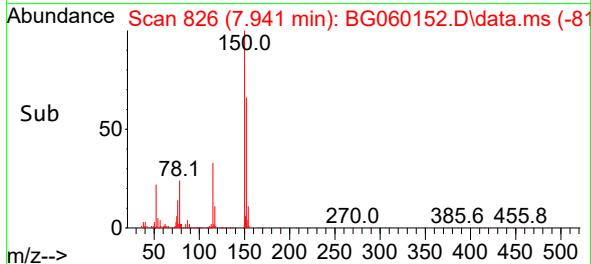
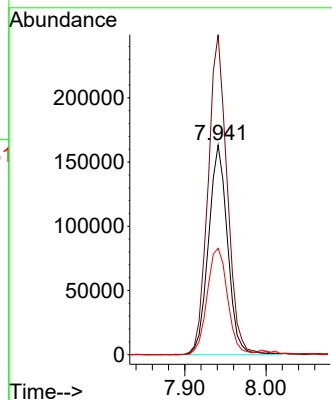
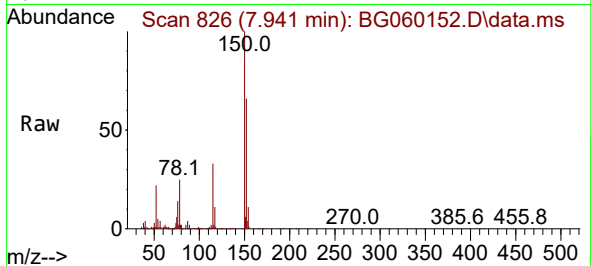




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

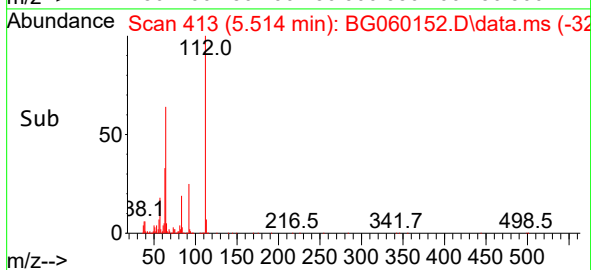
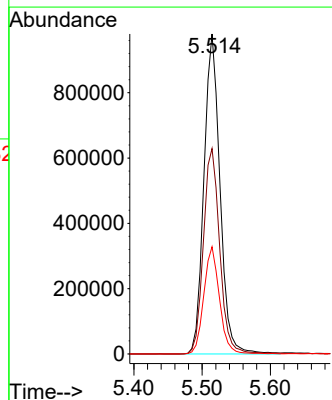
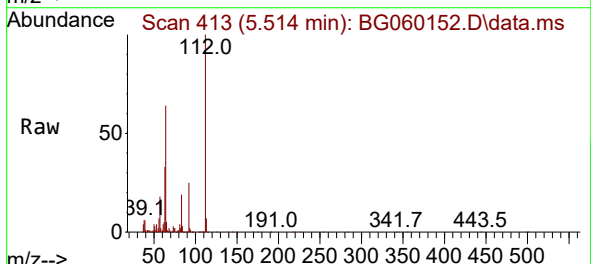
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-6

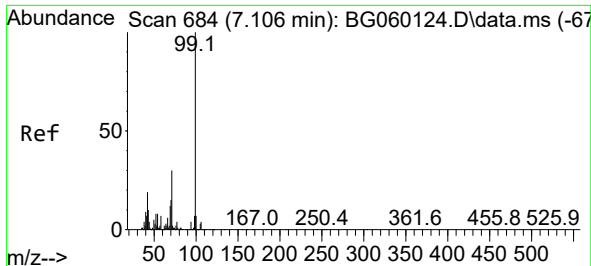
Tgt Ion:152 Resp: 265980
Ion Ratio Lower Upper
152 100
150 152.6 109.4 164.0
115 50.8 36.5 54.7



#5
2-Fluorophenol
Concen: 95.148 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.000 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

Tgt Ion:112 Resp: 1606093
Ion Ratio Lower Upper
112 100
64 64.2 53.3 79.9
63 33.5 27.1 40.7

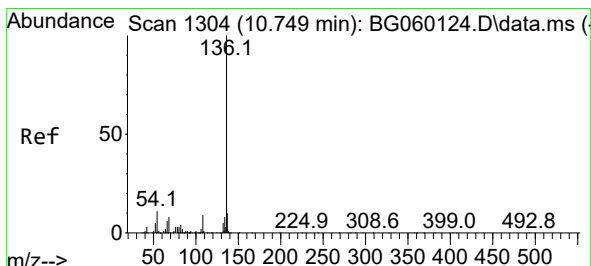
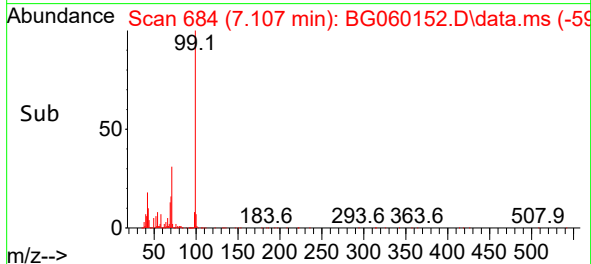
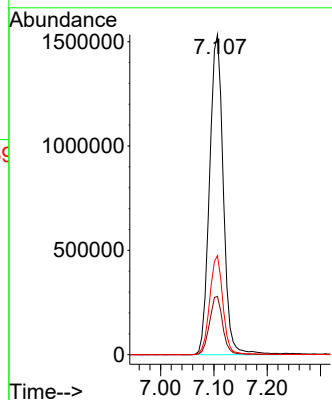
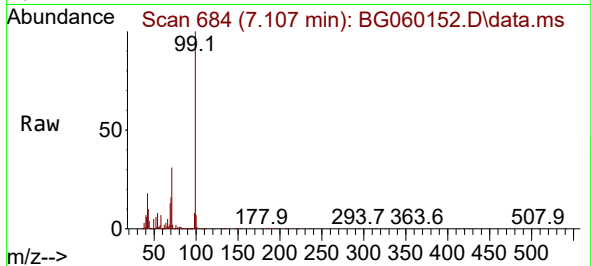




#7
Phenol-d6
Concen: 96.548 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

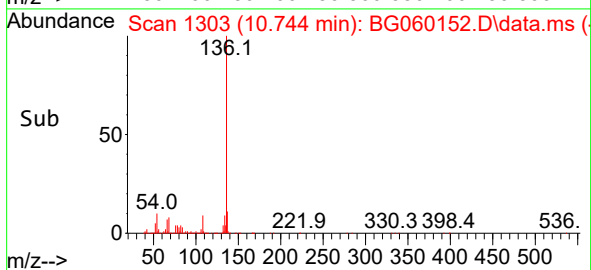
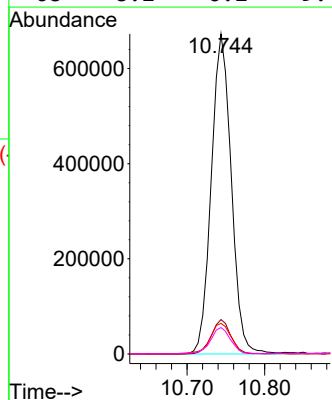
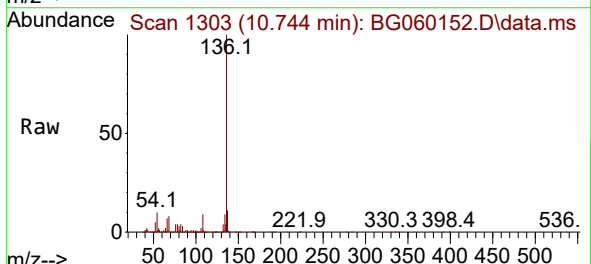
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD-6

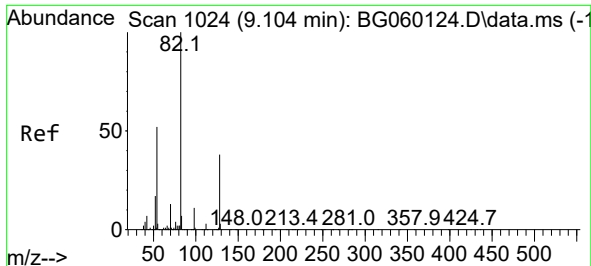
Tgt Ion: 99 Resp: 2742766
Ion Ratio Lower Upper
99 100
42 18.2 15.2 22.8
71 30.9 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

Tgt Ion:136 Resp: 1205744
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 9.6 8.7 13.1
68 8.2 6.2 9.4





#23

Nitrobenzene-d5

Concen: 69.195 ng

RT: 9.104 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BG060152.D

Acq: 23 Dec 2023 00:57

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PAD-6

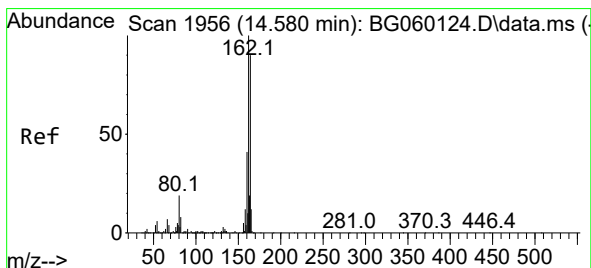
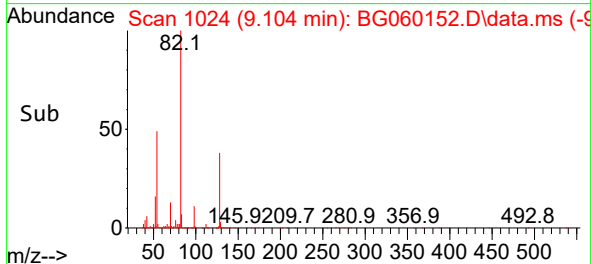
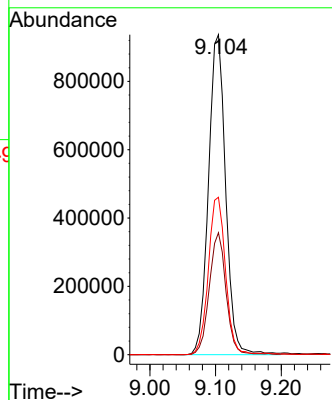
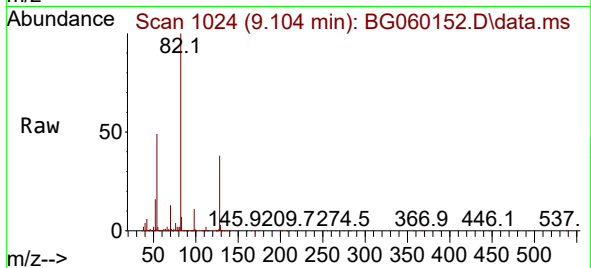
Tgt Ion: 82 Resp: 1703127

Ion Ratio Lower Upper

82 100

128 38.1 30.5 45.7

54 49.2 41.9 62.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BG060152.D

Acq: 23 Dec 2023 00:57

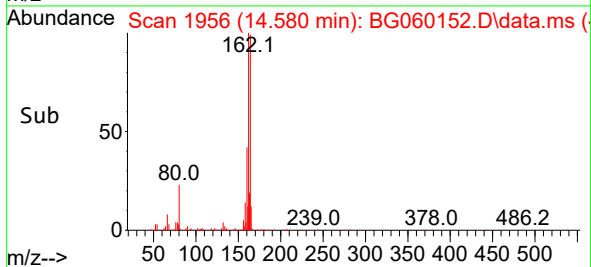
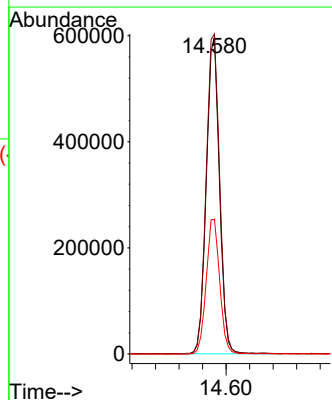
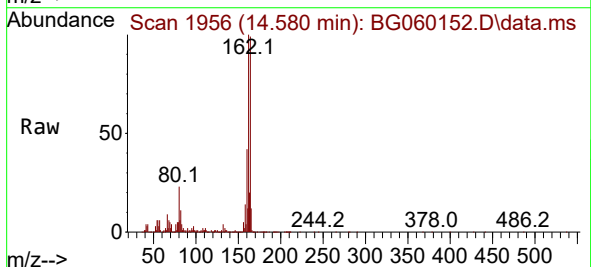
Tgt Ion:164 Resp: 922681

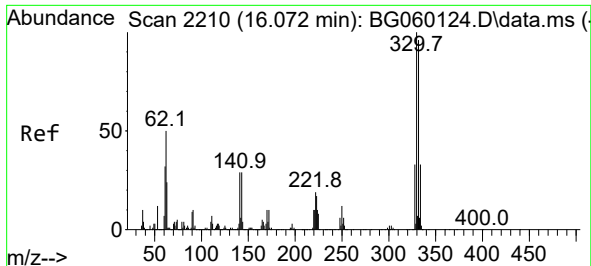
Ion Ratio Lower Upper

164 100

162 101.0 88.5 132.7

160 42.5 36.2 54.2

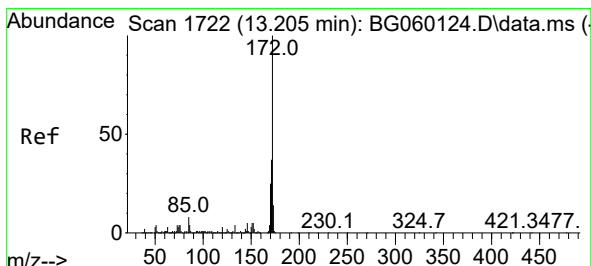
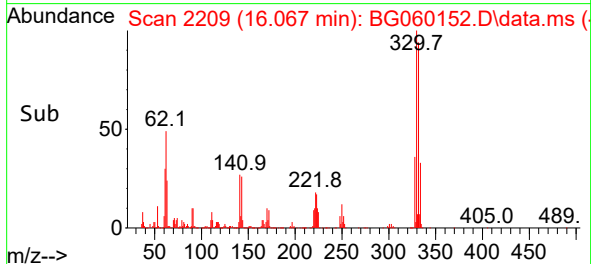
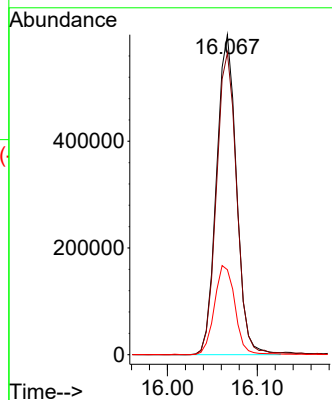
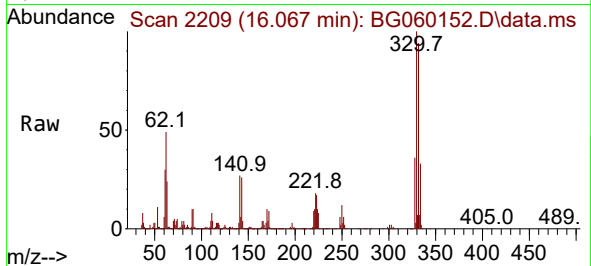




#42
2,4,6-Tribromophenol
Concen: 74.413 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

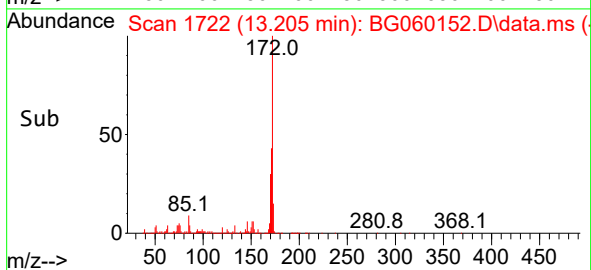
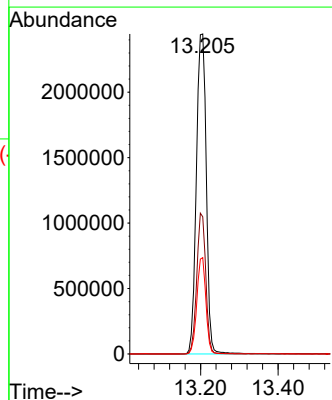
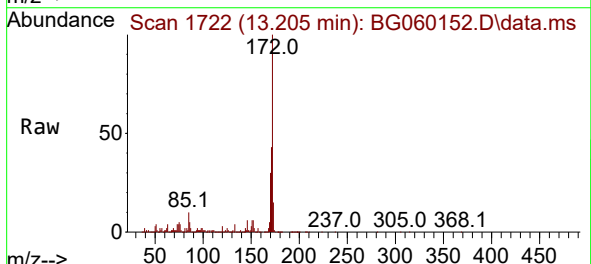
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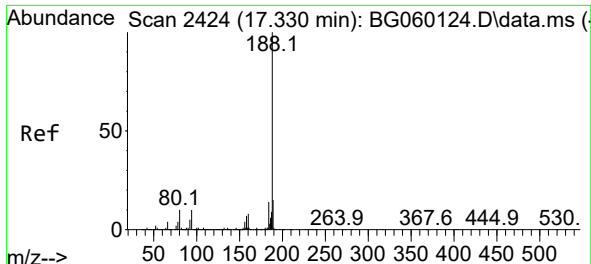
Tgt Ion:330 Resp: 924442
Ion Ratio Lower Upper
330 100
332 96.4 75.5 113.3
141 28.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 70.750 ng
RT: 13.205 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

Tgt Ion:172 Resp: 4347484
Ion Ratio Lower Upper
172 100
171 42.9 29.2 43.8
170 30.1 20.1 30.1

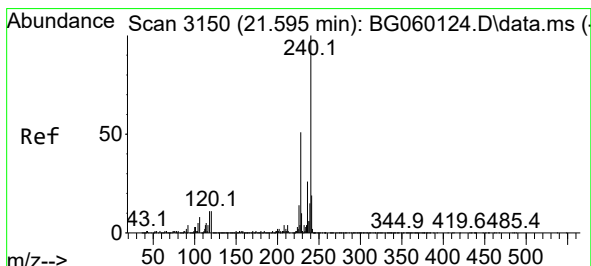
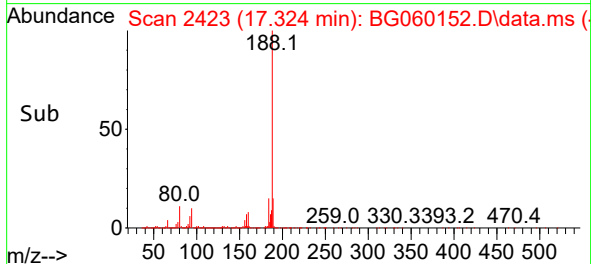
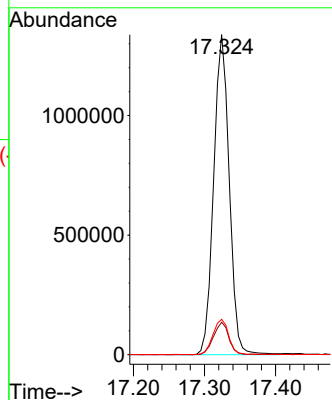
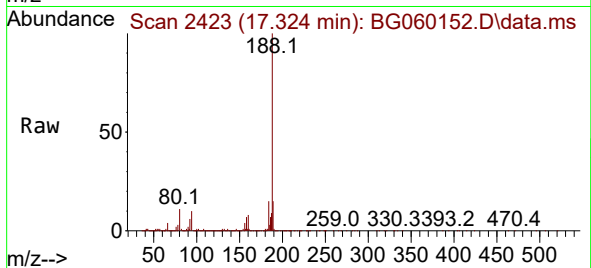




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

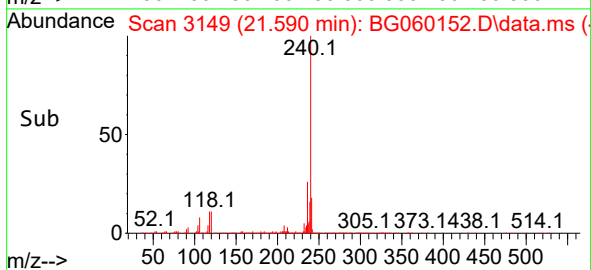
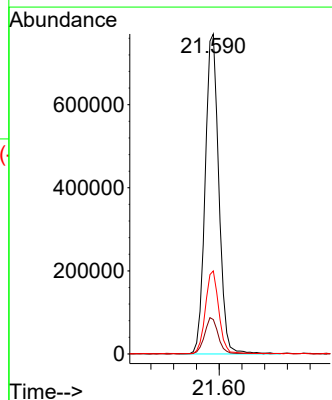
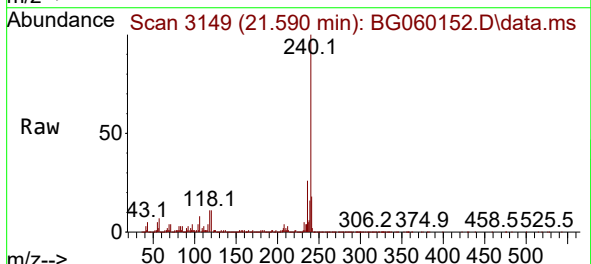
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CONCRETE-PAD-6

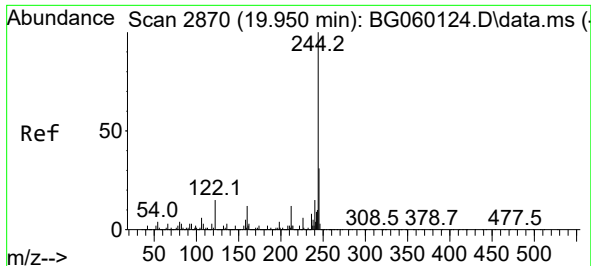
Tgt Ion:188 Resp: 2028571
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 11.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG060152.D
Acq: 23 Dec 2023 00:57

Tgt Ion:240 Resp: 1276414
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.6
236 25.9 20.4 30.6

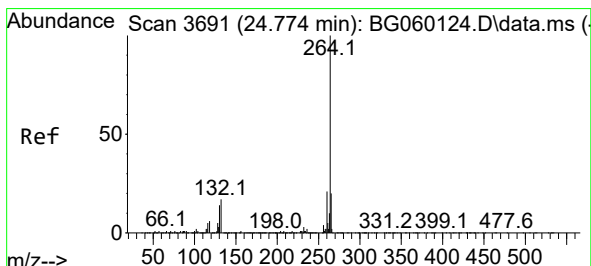
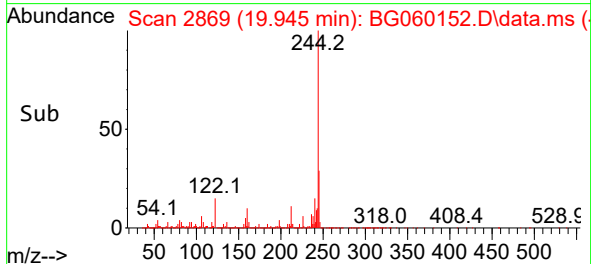
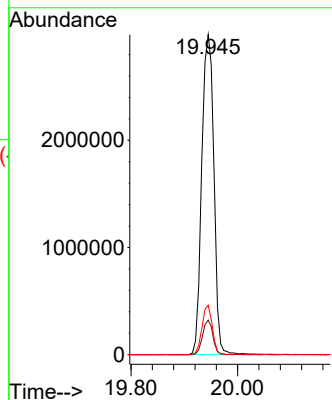
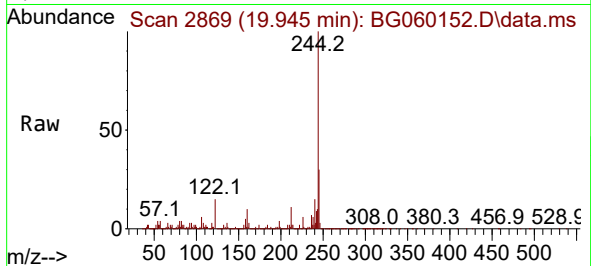




#79
 Terphenyl-d14
 Concen: 66.672 ng
 RT: 19.945 min Scan# 2869
 Delta R.T. -0.005 min
 Lab File: BG060152.D
 Acq: 23 Dec 2023 00:57

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD-6

Tgt Ion:244 Resp: 4702898
 Ion Ratio Lower Upper
 244 100
 212 10.8 9.5 14.3
 122 15.4 12.2 18.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.762 min Scan# 3689
 Delta R.T. -0.011 min
 Lab File: BG060152.D
 Acq: 23 Dec 2023 00:57

Tgt Ion:264 Resp: 1480350
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.1 25.7
 265 20.5 16.0 24.0

