

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
 Data File : BG060850.D
 Acq On : 10 Apr 2024 15:10
 Operator : MA/JU
 Sample : P2027-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAUREL-CONCRETE

Quant Time: Apr 10 15:44:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	59463	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	229540	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	173885	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	408249	20.000	ng	-0.01
76) Chrysene-d12	21.578	240	417958	20.000	ng	-0.03
86) Perylene-d12	24.709	264	506107	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	222711	62.394	ng	0.00
7) Phenol-d6	7.106	99	316741	59.780	ng	0.00
23) Nitrobenzene-d5	9.098	82	219825	54.647	ng	-0.01
42) 2,4,6-Tribromophenol	16.061	330	137580	69.700	ng	-0.01
45) 2-Fluorobiphenyl	13.199	172	572890	48.353	ng	-0.02
79) Terphenyl-d14	19.944	244	1173088	49.422	ng	-0.02

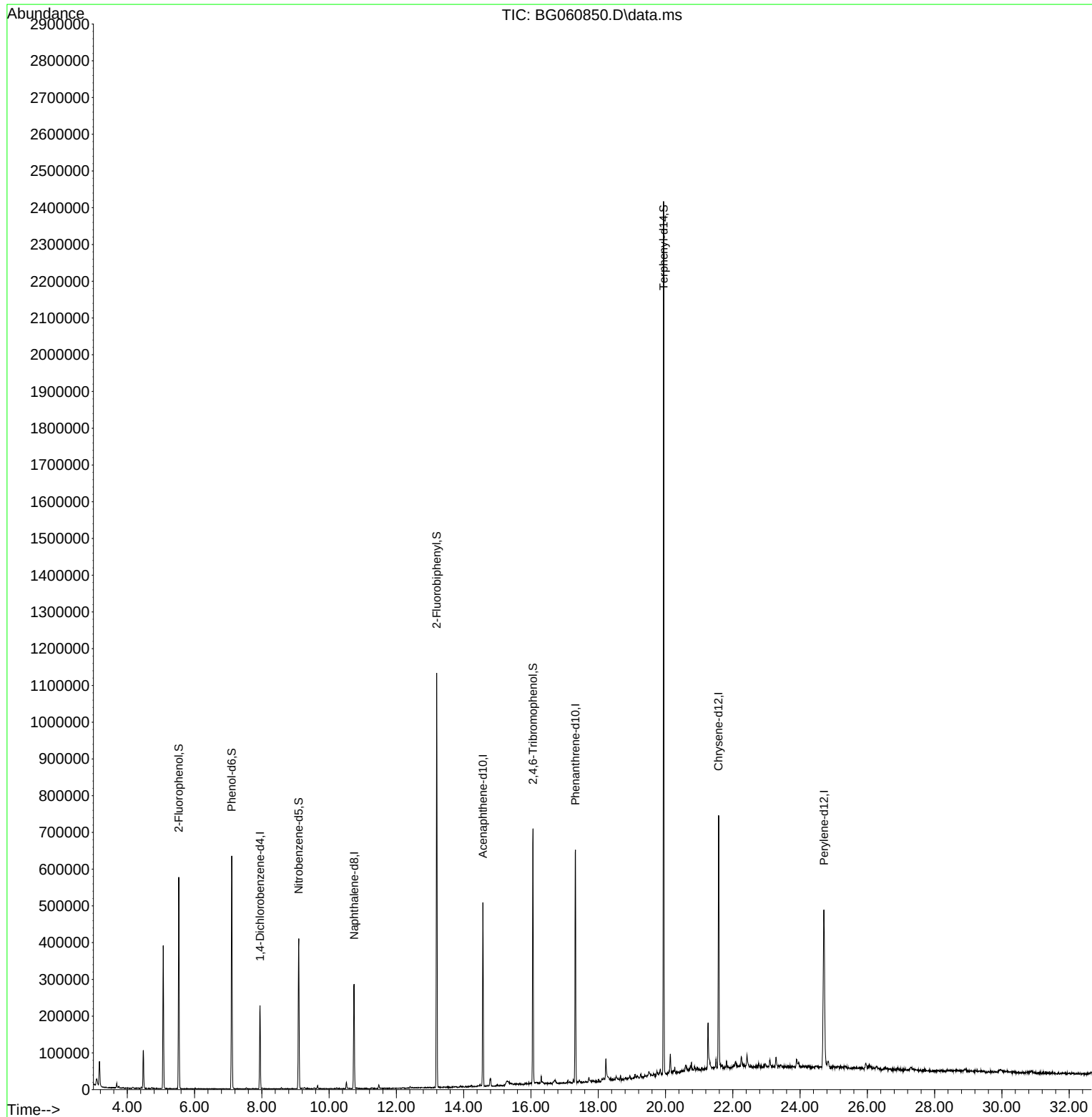
Target Compounds	Qvalue

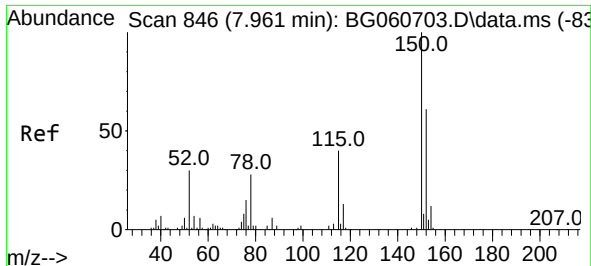
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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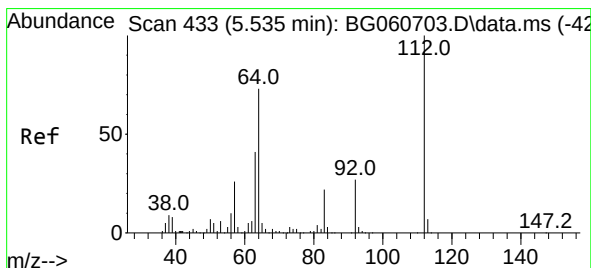
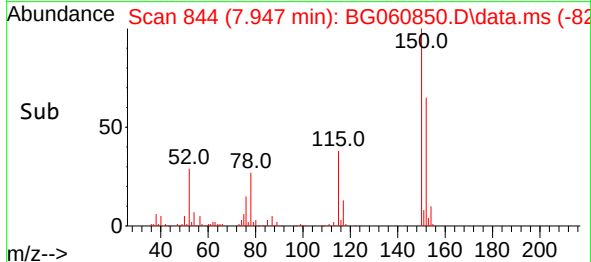
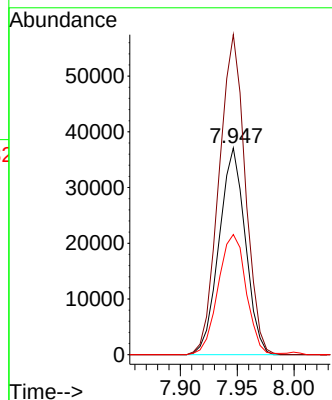
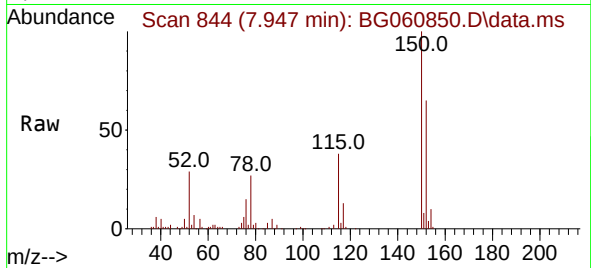




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.947 min Scan# 846
 Delta R.T. -0.014 min
 Lab File: BG060850.D
 Acq: 10 Apr 2024 15:10

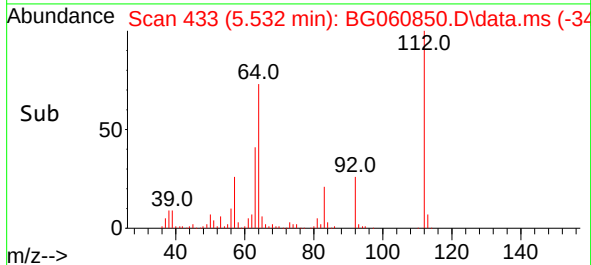
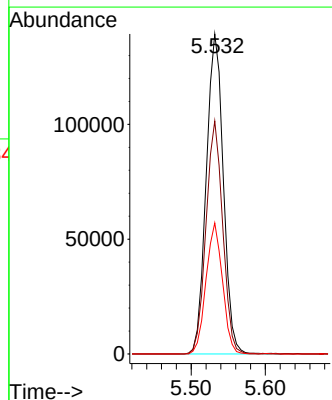
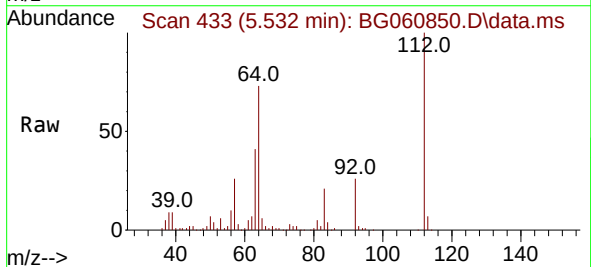
Instrument :
 BNA_G
 ClientSampleId :
 LAUREL-CONCRETE

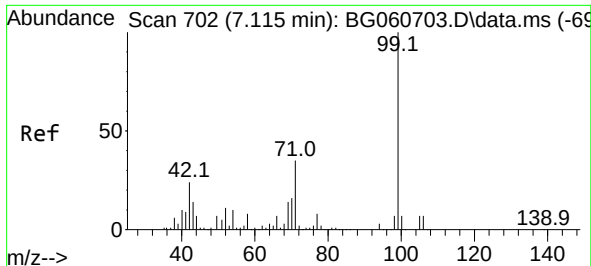
Tgt Ion:152 Resp: 59463
 Ion Ratio Lower Upper
 152 100
 150 154.8 130.2 195.4
 115 58.1 51.6 77.4



#5
 2-Fluorophenol
 Concen: 62.394 ng
 RT: 5.532 min Scan# 433
 Delta R.T. -0.003 min
 Lab File: BG060850.D
 Acq: 10 Apr 2024 15:10

Tgt Ion:112 Resp: 222711
 Ion Ratio Lower Upper
 112 100
 64 72.8 58.4 87.6
 63 41.0 32.7 49.1

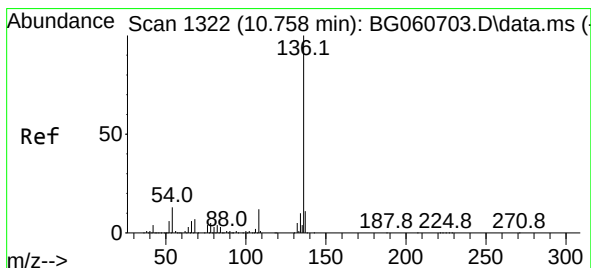
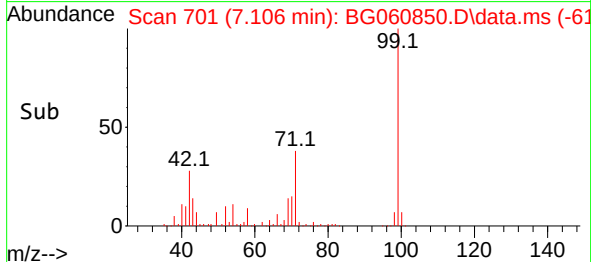
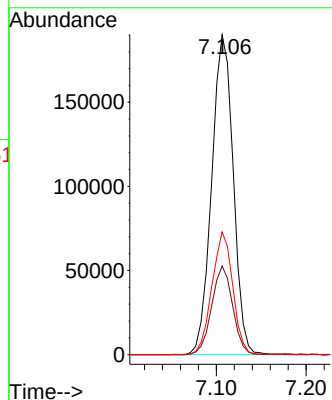
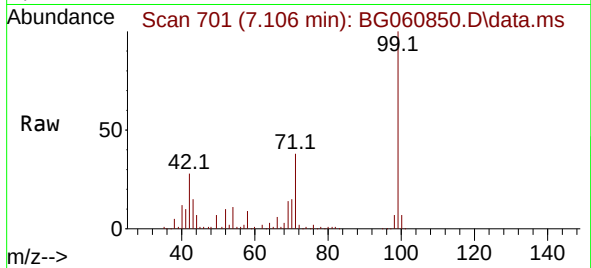




#7
Phenol-d6
Concen: 59.780 ng
RT: 7.106 min Scan# 702
Delta R.T. -0.009 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

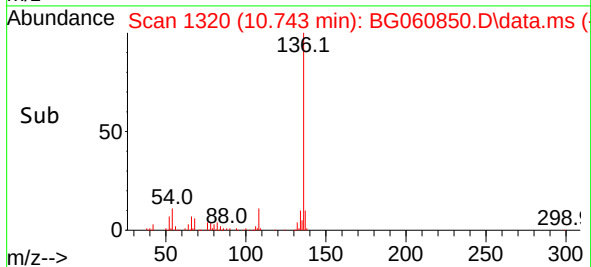
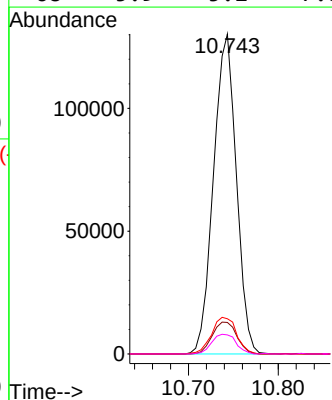
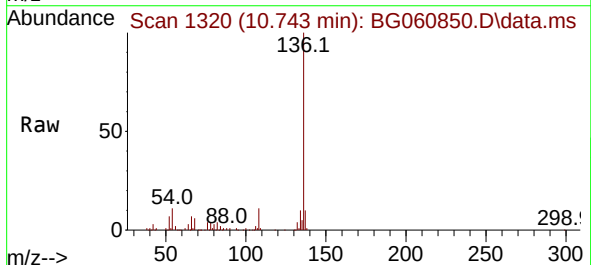
Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE

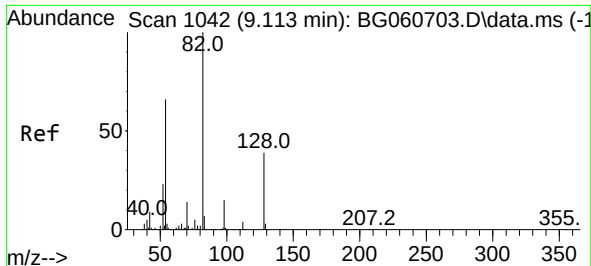
Tgt Ion: 99 Resp: 316741
Ion Ratio Lower Upper
99 100
42 27.7 19.4 29.2
71 38.4 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1320
Delta R.T. -0.015 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Tgt Ion: 136 Resp: 229540
Ion Ratio Lower Upper
136 100
137 9.8 8.8 13.2
54 11.0 10.2 15.2
68 5.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 54.647 ng

RT: 9.098 min Scan# 1040

Delta R.T. -0.015 min

Lab File: BG060850.D

Acq: 10 Apr 2024 15:10

Instrument :

BNA_G

ClientSampleId :

LAUREL-CONCRETE

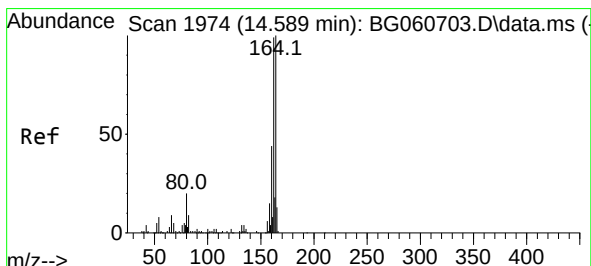
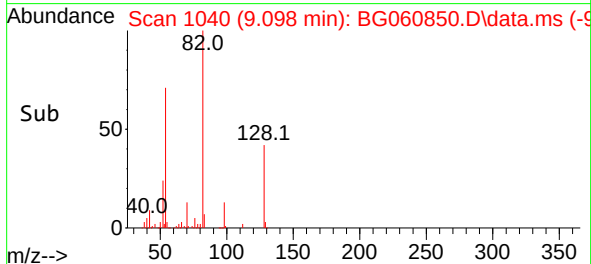
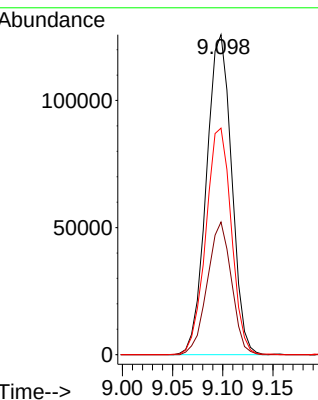
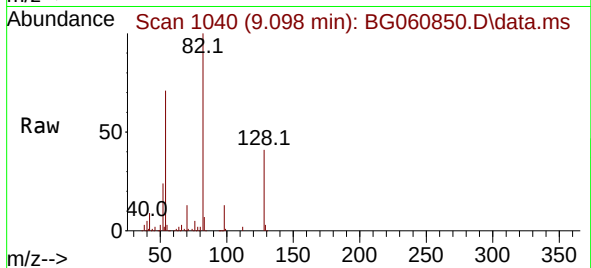
Tgt Ion: 82 Resp: 219825

Ion Ratio Lower Upper

82 100

128 41.4 31.2 46.8

54 70.8 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1972

Delta R.T. -0.015 min

Lab File: BG060850.D

Acq: 10 Apr 2024 15:10

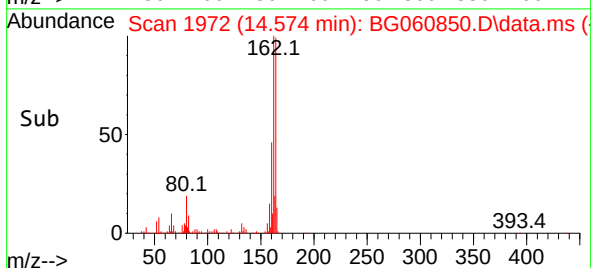
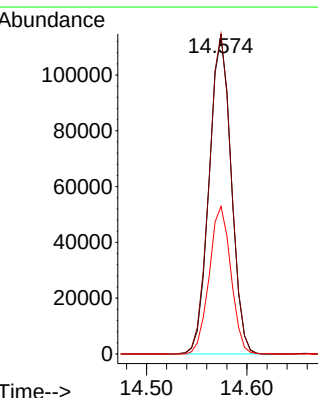
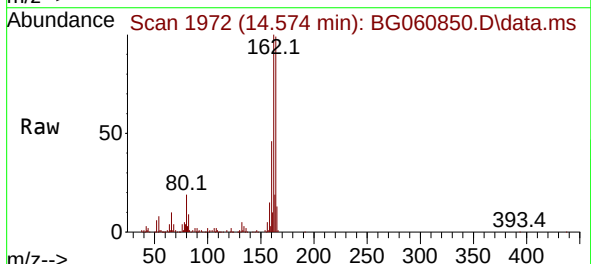
Tgt Ion:164 Resp: 173885

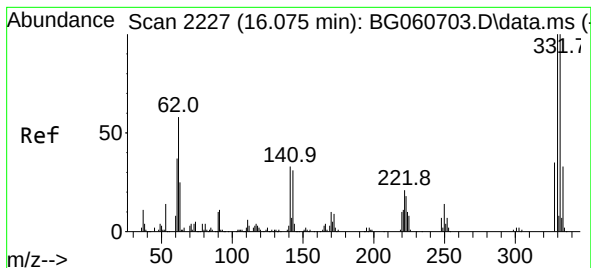
Ion Ratio Lower Upper

164 100

162 100.9 79.5 119.3

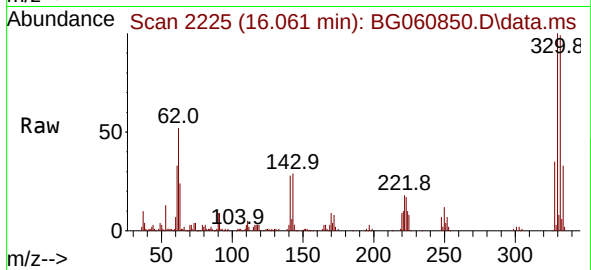
160 46.5 35.4 53.0



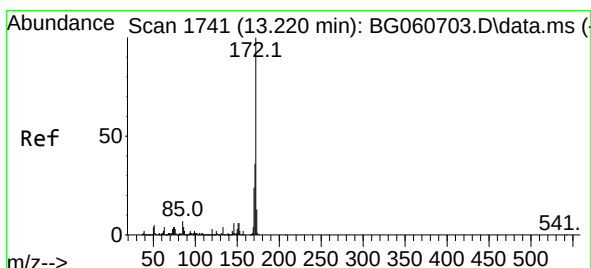
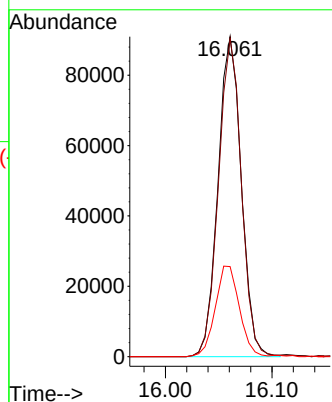
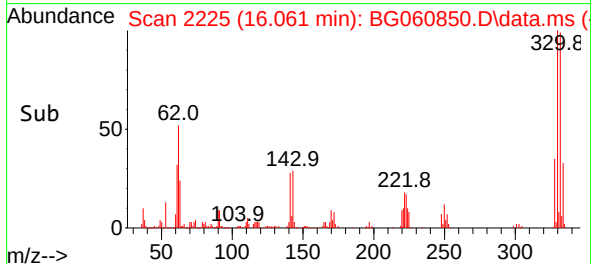


#42
2,4,6-Tribromophenol
Concen: 69.700 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

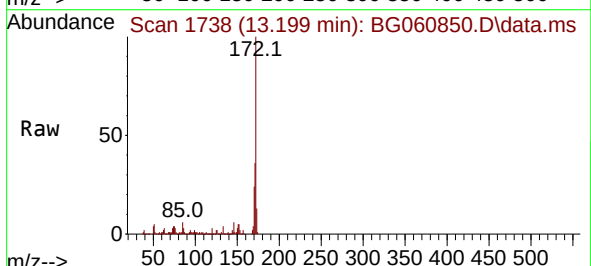
Instrument :
BNA_G
ClientSampleId :
LAUREL-CONCRETE



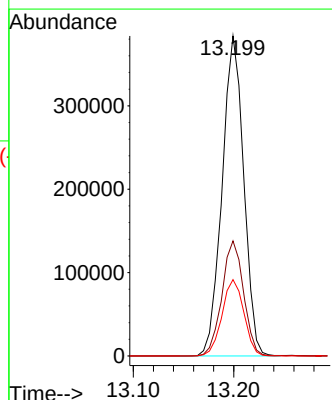
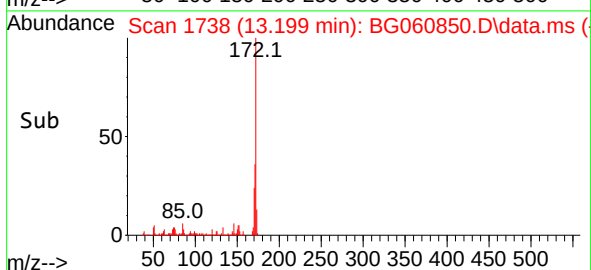
Tgt Ion:330 Resp: 137580
Ion Ratio Lower Upper
330 100
332 98.3 78.2 117.4
141 29.7 27.0 40.6

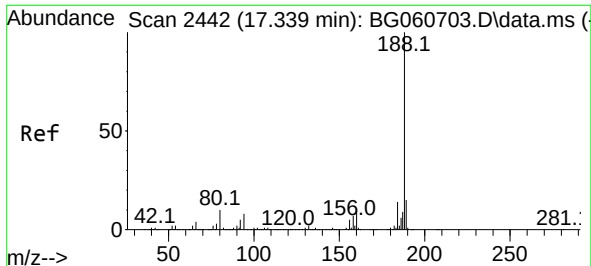


#45
2-Fluorobiphenyl
Concen: 48.353 ng
RT: 13.199 min Scan# 1738
Delta R.T. -0.021 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10



Tgt Ion:172 Resp: 572890
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.9 19.4 29.0

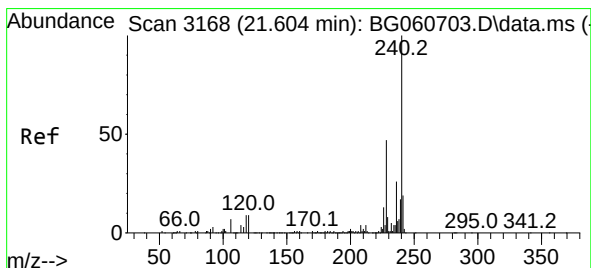
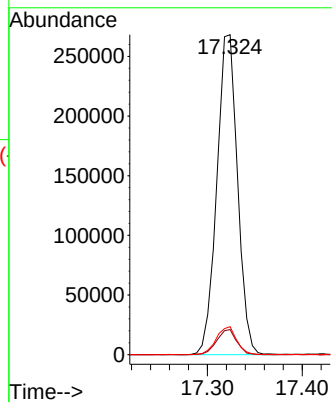
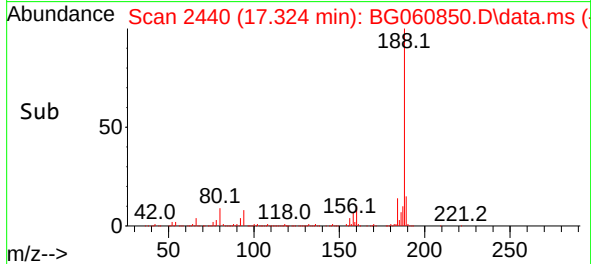
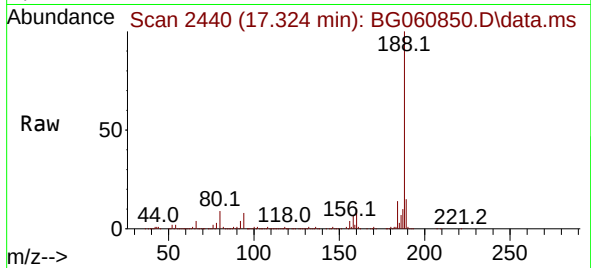




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2442
Delta R.T. -0.015 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

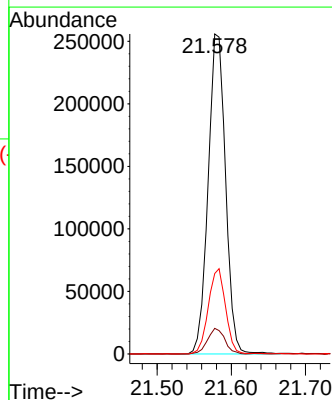
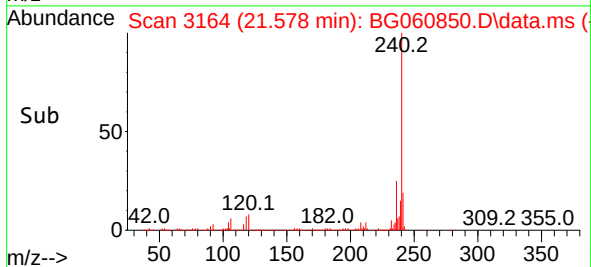
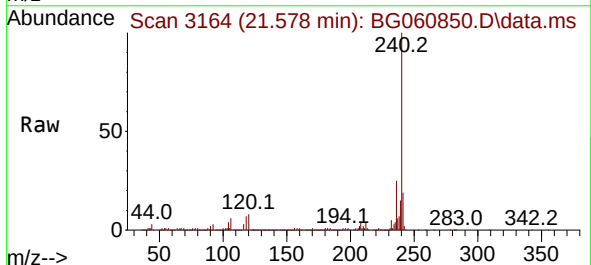
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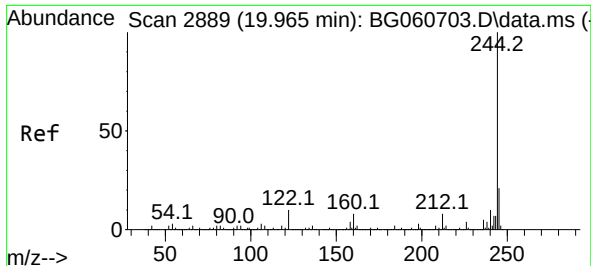
Tgt Ion:188 Resp: 408249
Ion Ratio Lower Upper
188 100
94 7.9 6.6 9.8
80 8.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.027 min
Lab File: BG060850.D
Acq: 10 Apr 2024 15:10

Tgt Ion:240 Resp: 417958
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 25.2 20.7 31.1

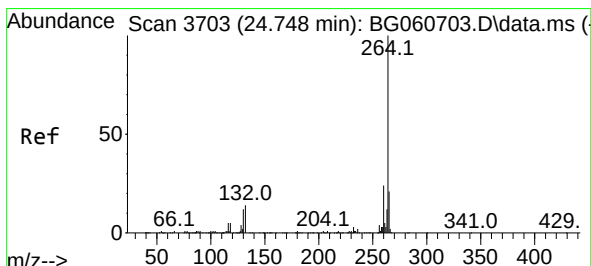
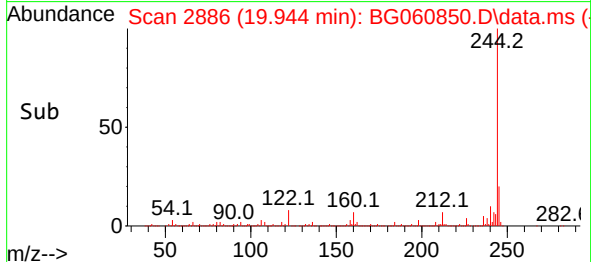
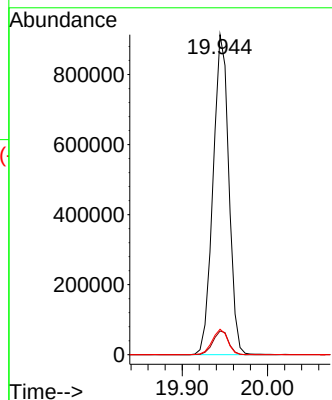
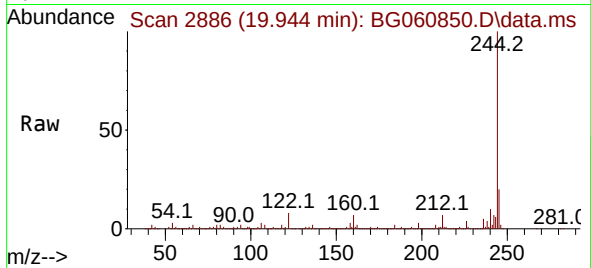




#79
 Terphenyl-d14
 Concen: 49.422 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BG060850.D
 Acq: 10 Apr 2024 15:10

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1173088
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 8.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.709 min Scan# 3697
 Delta R.T. -0.038 min
 Lab File: BG060850.D
 Acq: 10 Apr 2024 15:10

Tgt Ion:264 Resp: 506107
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 23.0 16.9 25.3

