

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
 Data File : BG054786.D
 Acq On : 30 Aug 2022 12:22
 Operator : CG/JU
 Sample : N4398-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROCK-FINES-QA/QC-COMP

Quant Time: Aug 30 16:04:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	41926	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	173437	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	125579	20.000	ng	0.00
64) Phenanthrene-d10	17.526	188	295533	20.000	ng	0.00
76) Chrysene-d12	21.816	240	272969	20.000	ng	-0.01
86) Perylene-d12	25.182	264	290827	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	379369	157.568	ng	0.00
7) Phenol-d6	7.297	99	520038	157.938	ng	0.00
23) Nitrobenzene-d5	9.324	82	316741	95.872	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	269231	171.573	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	840110	100.550	ng	0.00
79) Terphenyl-d14	20.129	244	1445396	104.916	ng	0.00

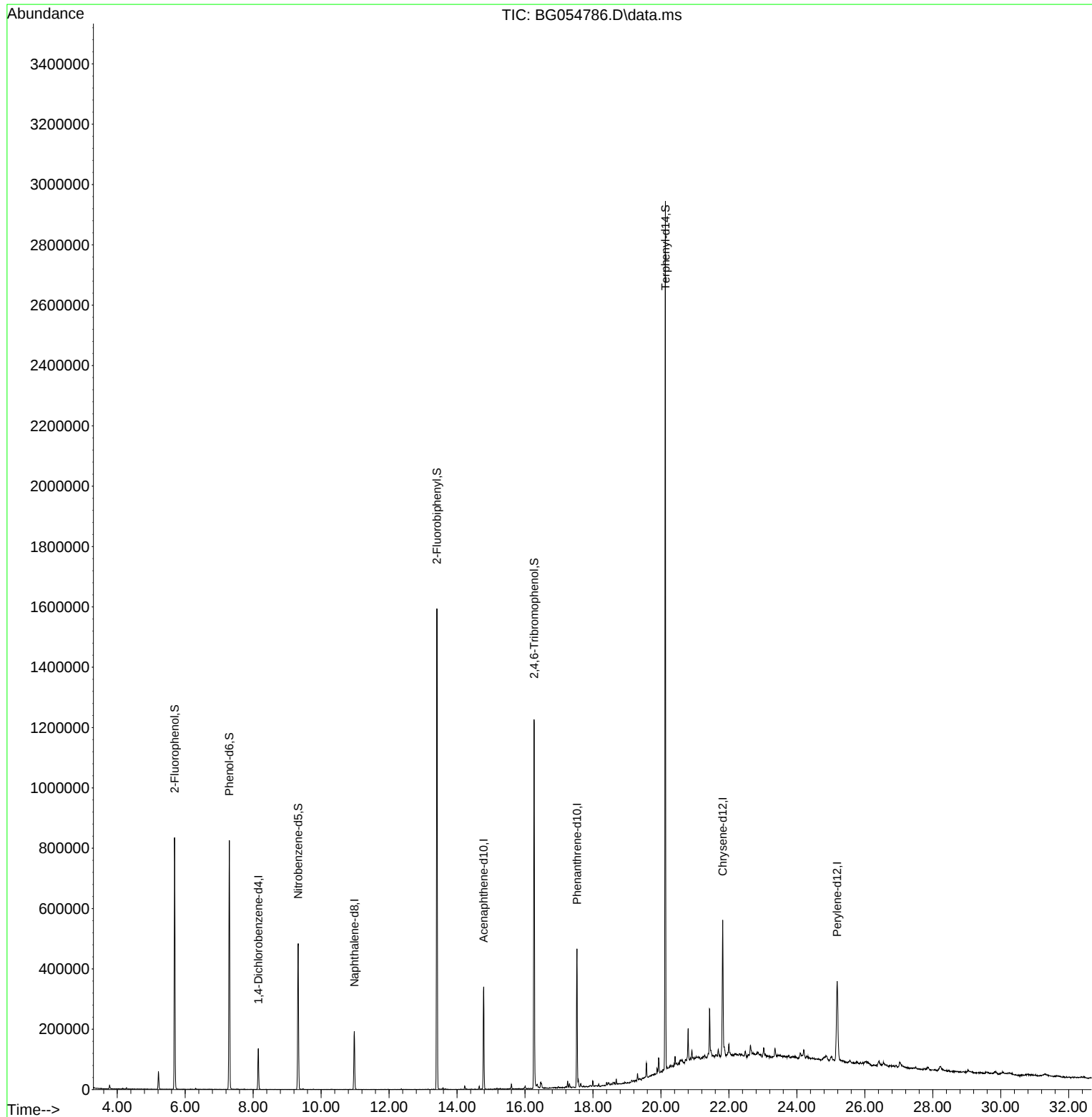
Target Compounds	Qvalue

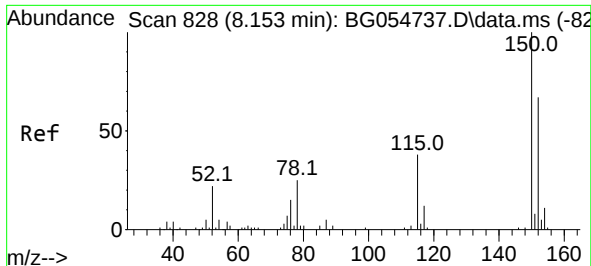
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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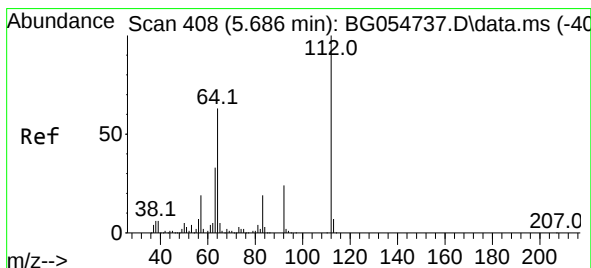
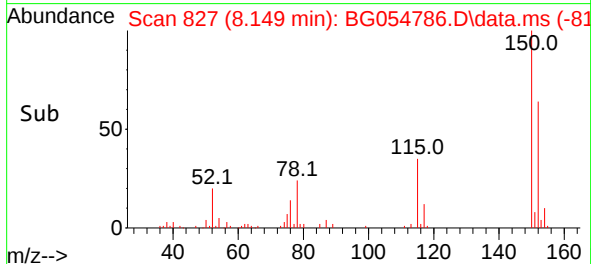
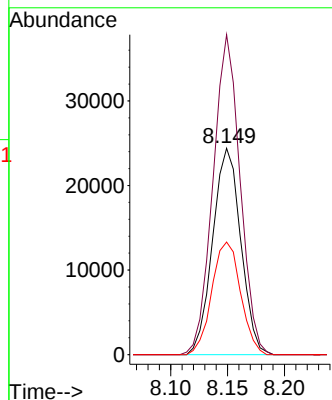
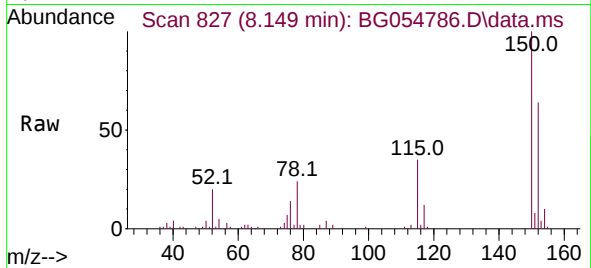




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

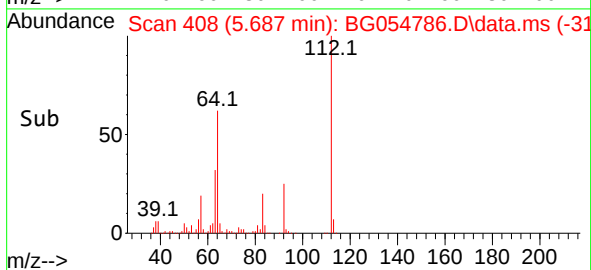
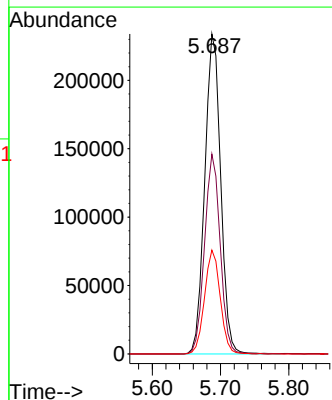
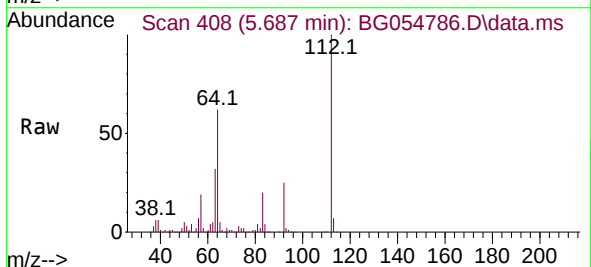
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMP

Tgt Ion:152 Resp: 41926
Ion Ratio Lower Upper
152 100
150 155.1 125.2 187.8
115 54.5 47.9 71.9



#5
2-Fluorophenol
Concen: 157.568 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

Tgt Ion:112 Resp: 379369
Ion Ratio Lower Upper
112 100
64 62.4 49.3 73.9
63 32.4 26.3 39.5

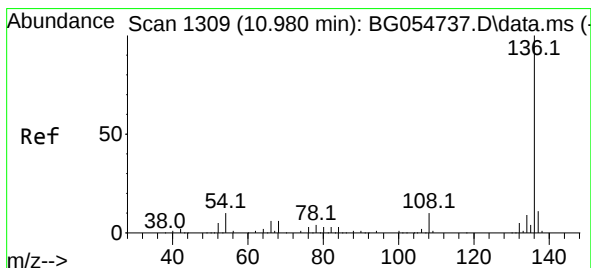
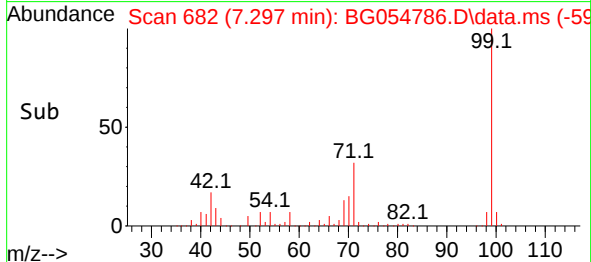
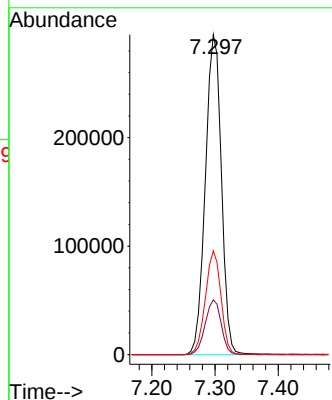
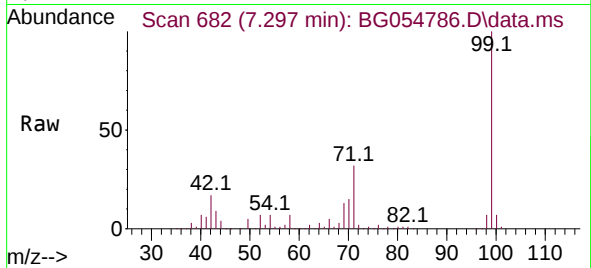




#7
Phenol-d6
Concen: 157.938 ng
RT: 7.297 min Scan# 682
Delta R.T. 0.002 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

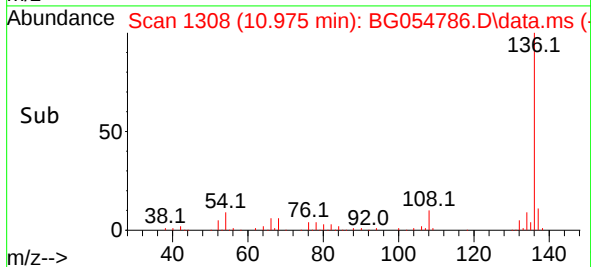
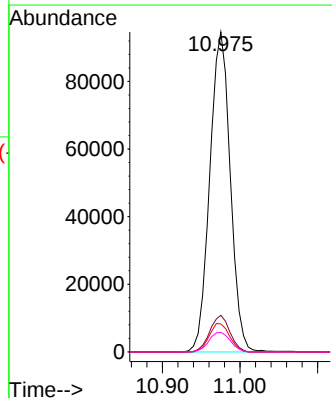
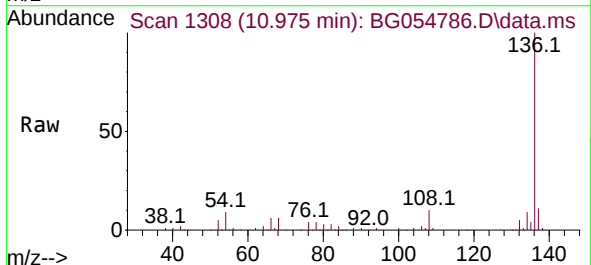
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMP

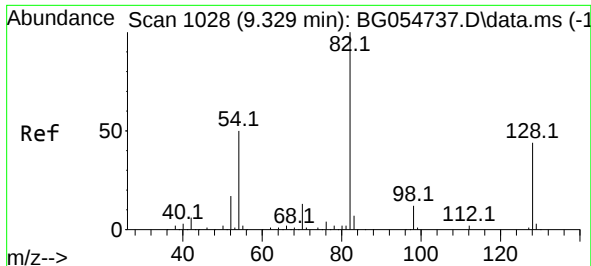
Tgt Ion: 99 Resp: 520038
Ion Ratio Lower Upper
99 100
42 17.1 14.6 22.0
71 32.4 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

Tgt Ion: 136 Resp: 173437
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 8.7 7.7 11.5
68 6.1 5.6 8.4

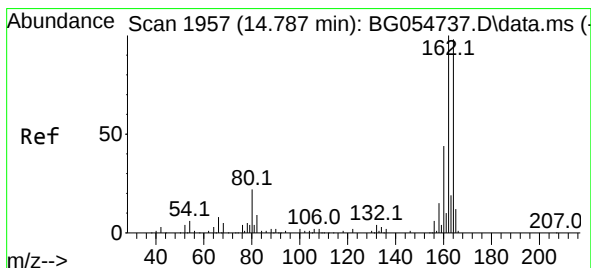
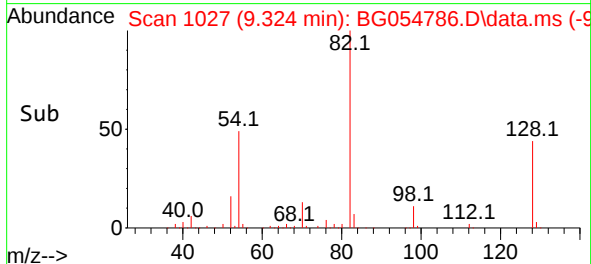
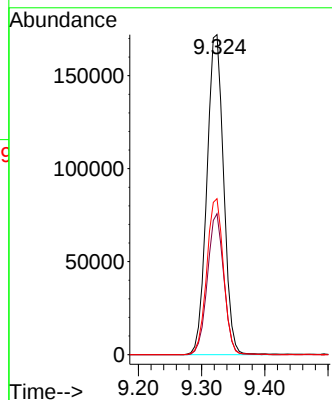
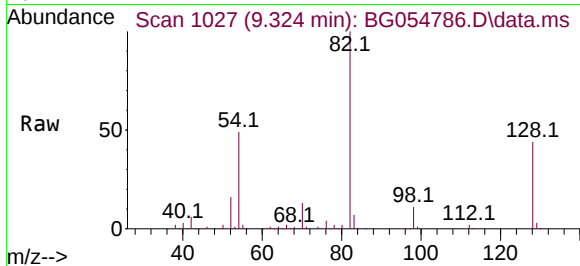




#23
 Nitrobenzene-d5
 Concen: 95.872 ng
 RT: 9.324 min Scan# 1027
 Delta R.T. -0.004 min
 Lab File: BG054786.D
 Acq: 30 Aug 2022 12:22

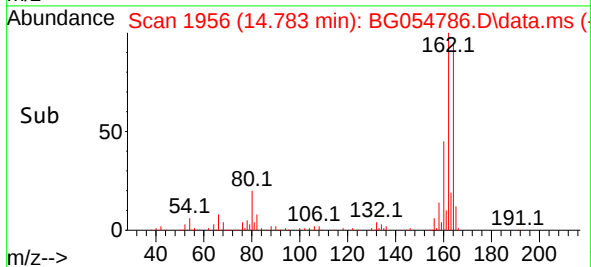
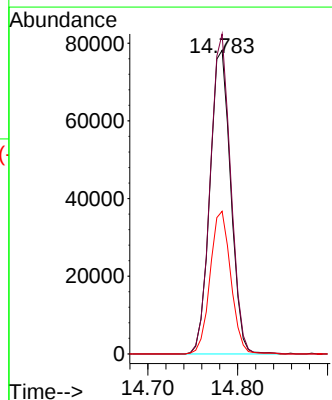
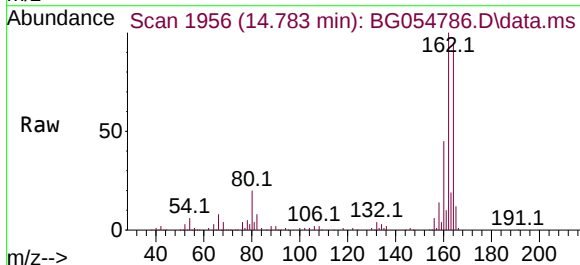
Instrument :
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 ClientSampleId :
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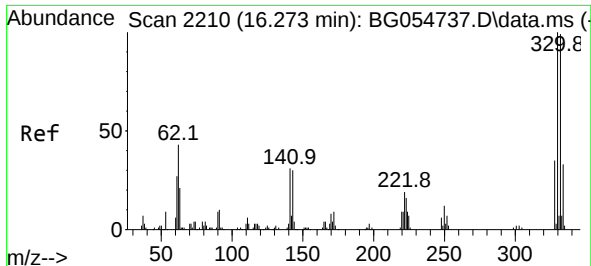
Tgt Ion: 82 Resp: 316741
 Ion Ratio Lower Upper
 82 100
 128 44.0 32.2 48.2
 54 48.7 41.4 62.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.783 min Scan# 1956
 Delta R.T. -0.004 min
 Lab File: BG054786.D
 Acq: 30 Aug 2022 12:22

Tgt Ion: 164 Resp: 125579
 Ion Ratio Lower Upper
 164 100
 162 105.4 83.0 124.4
 160 47.0 38.0 57.0

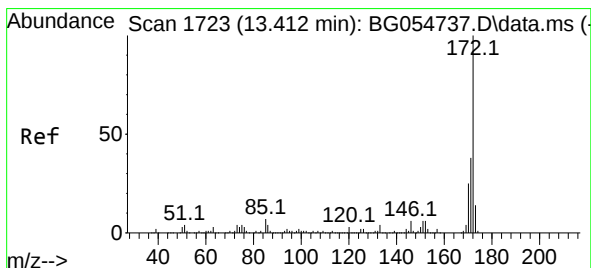
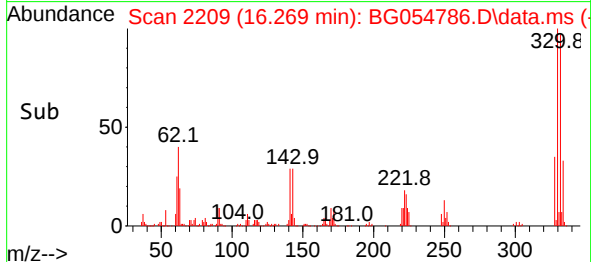
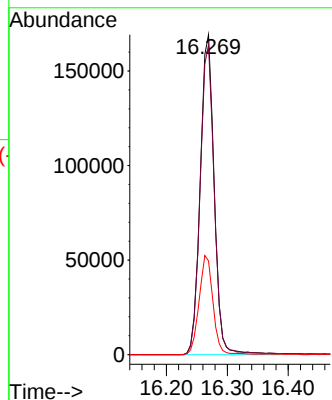
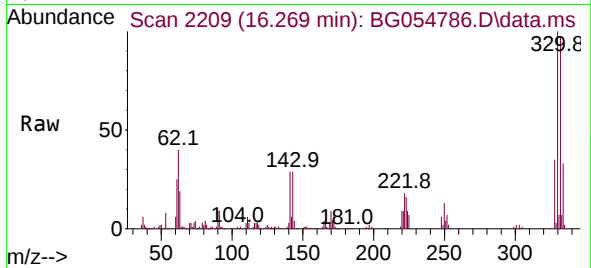




#42
2,4,6-Tribromophenol
Concen: 171.573 ng
RT: 16.269 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

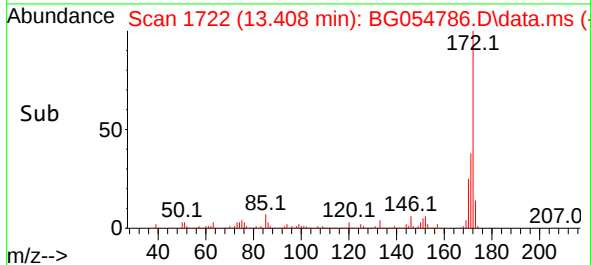
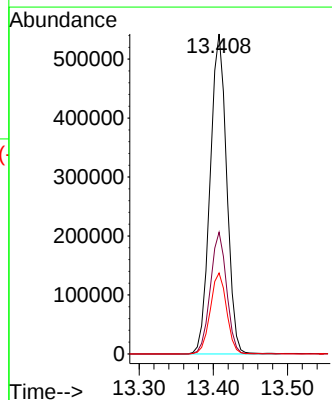
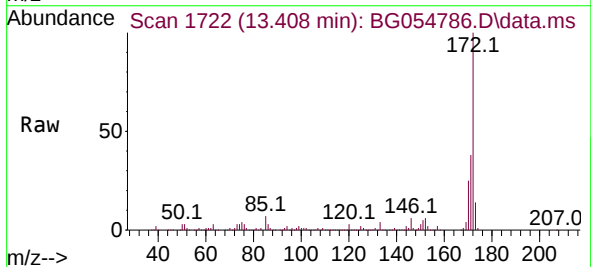
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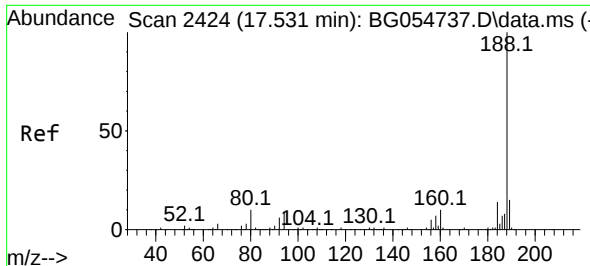
Tgt Ion:330 Resp: 269231
Ion Ratio Lower Upper
330 100
332 97.4 79.8 119.6
141 30.8 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 100.550 ng
RT: 13.408 min Scan# 1722
Delta R.T. -0.004 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

Tgt Ion:172 Resp: 840110
Ion Ratio Lower Upper
172 100
171 38.0 31.2 46.8
170 25.3 20.6 30.8

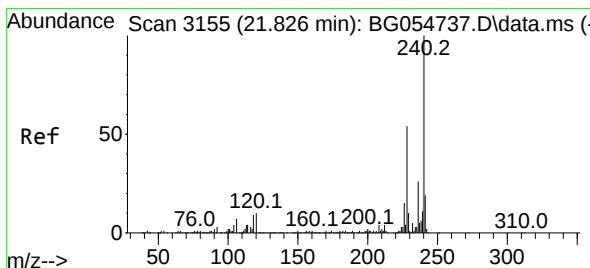
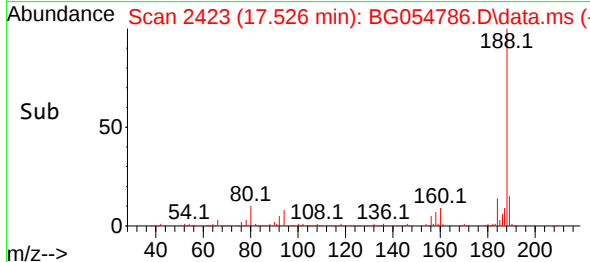
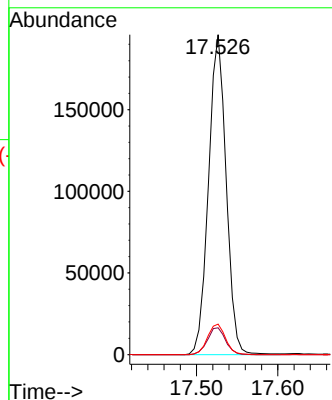
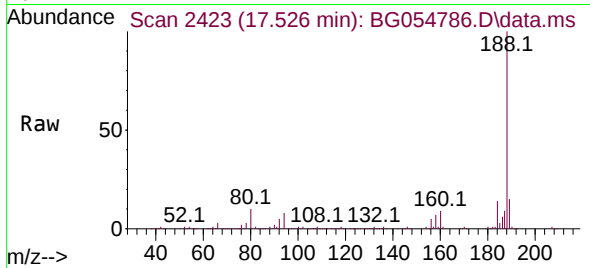




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.526 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

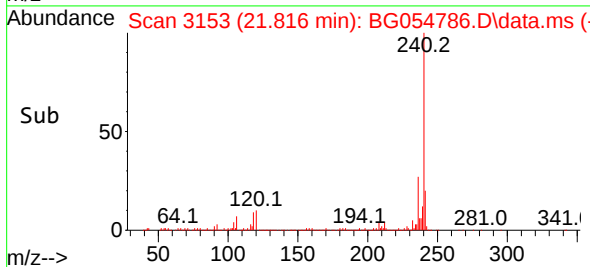
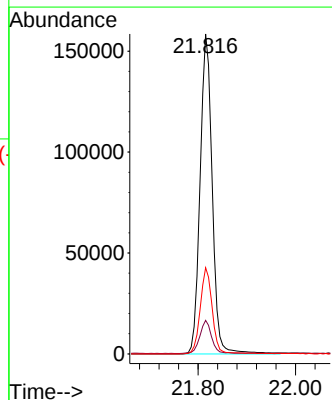
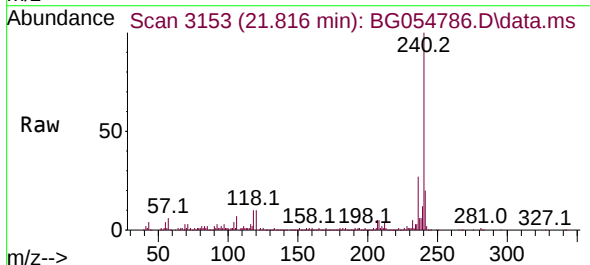
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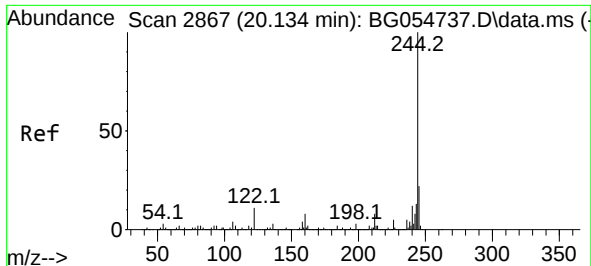
Tgt Ion:188 Resp: 295533
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.816 min Scan# 3153
Delta R.T. -0.010 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

Tgt Ion:240 Resp: 272969
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.4
236 26.9 21.2 31.8

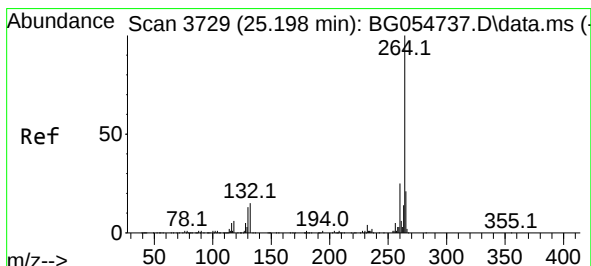
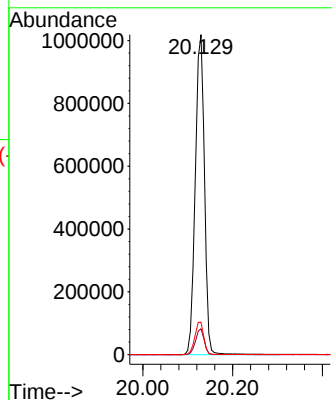
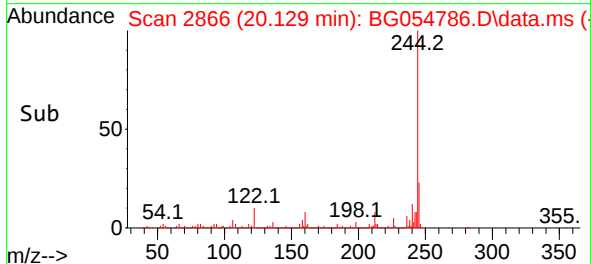
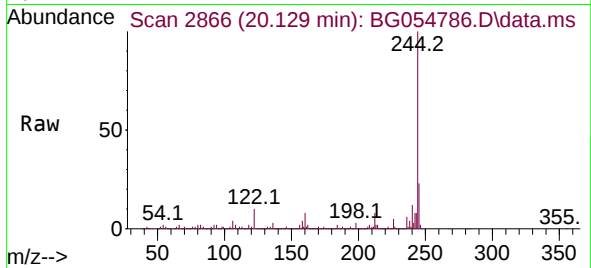




#79
 Terphenyl-d14
 Concen: 104.916 ng
 RT: 20.129 min Scan# 2866
 Delta R.T. -0.004 min
 Lab File: BG054786.D
 Acq: 30 Aug 2022 12:22

Instrument :
 BNA_G
 ClientSampleId :
 ROCK-FINES-QA/QC-COMP

Tgt Ion:244 Resp: 1445396
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 10.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.182 min Scan# 3726
 Delta R.T. -0.016 min
 Lab File: BG054786.D
 Acq: 30 Aug 2022 12:22

Tgt Ion:264 Resp: 290827
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.9 29.9
 265 21.3 16.9 25.3

