

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)

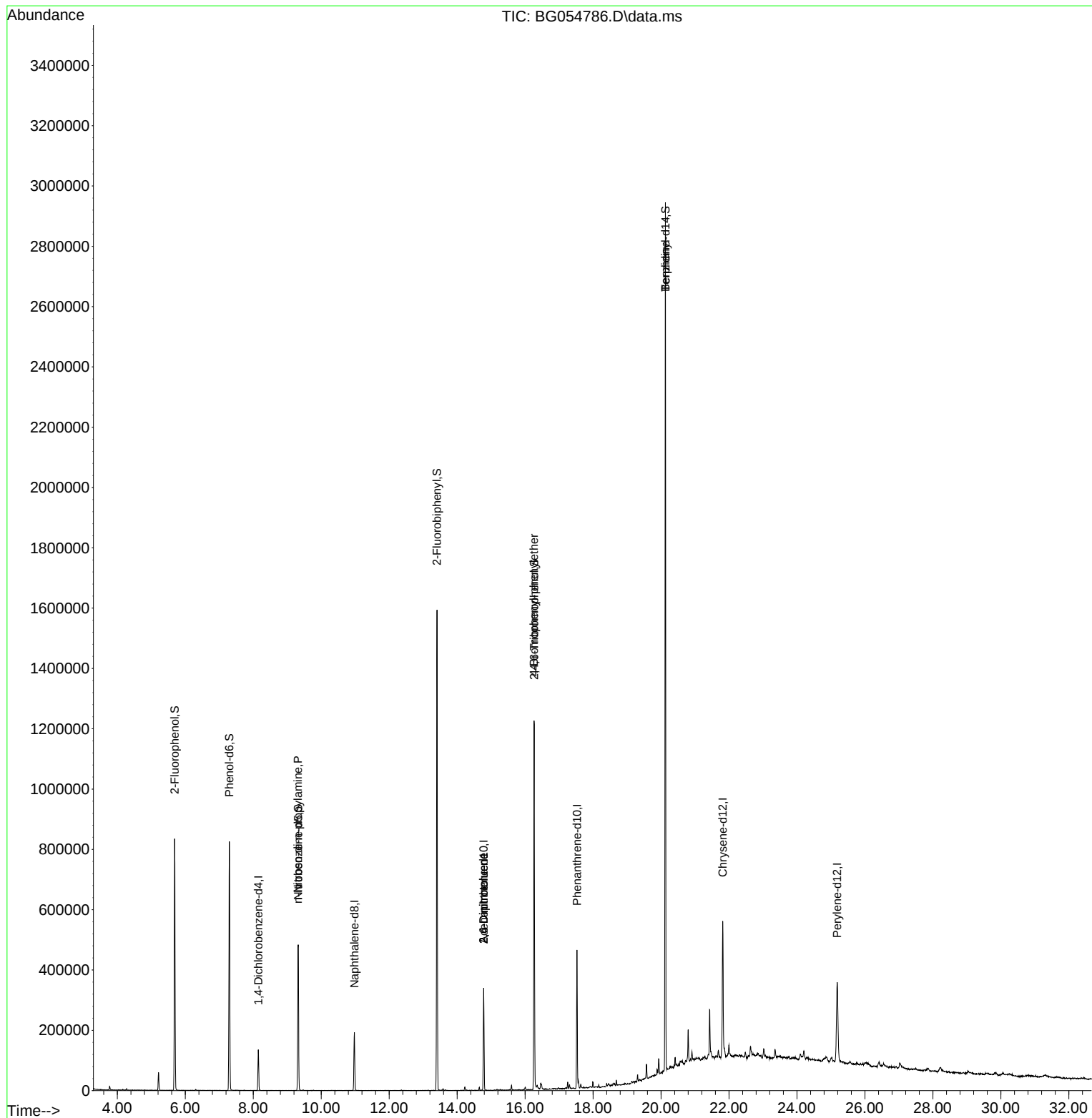
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	41926	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	173437	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	125579	20.000	ng	0.00
64) Phenanthrene-d10	17.526	188	295533	20.000	ng	0.00
76) Chrysene-d12	21.816	240	272969	20.000	ng	-0.01
86) Perylene-d12	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	
19) n-Nitroso-di-n-propyla...	9.318	70	39474	17.433	ng	# 78
51) 2,6-Dinitrotoluene	14.783	165	16406	8.291	ng	# 20
57) 2,4-Dinitrotoluene	14.783	165	16406	5.994	ng	# 18
67) 4-Bromophenyl-phenylether	16.263	248	17338	5.343	ng	# 1
77) Benzidine	20.129	184	22310	3.300	ng	# 91

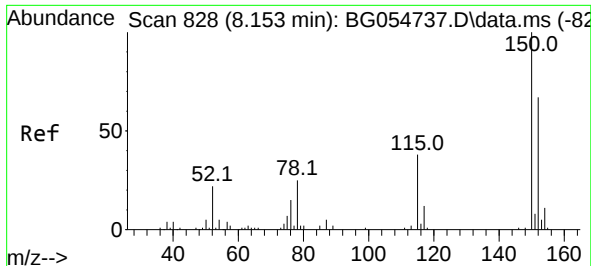
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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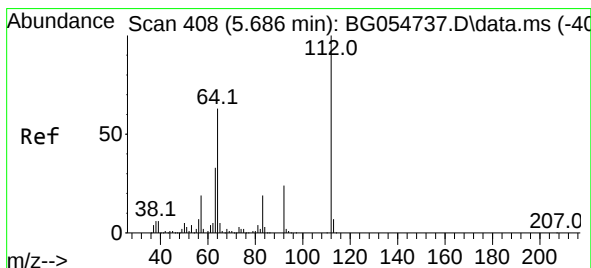
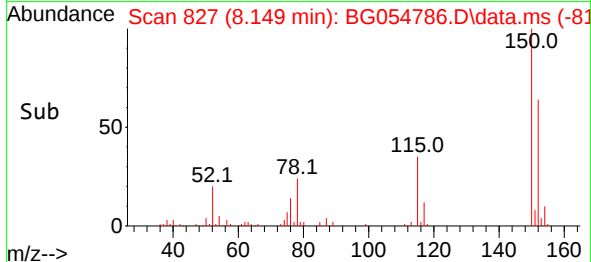
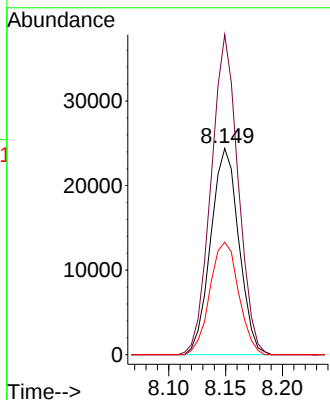
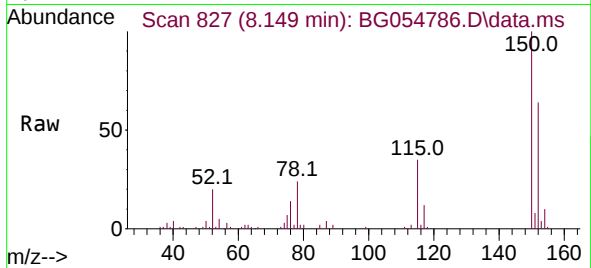




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

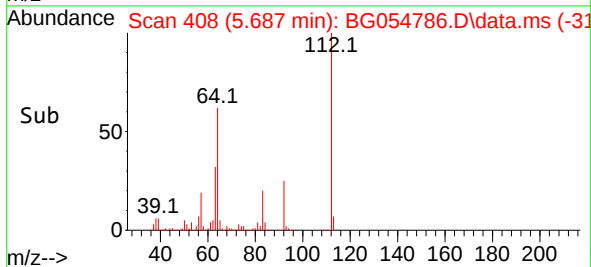
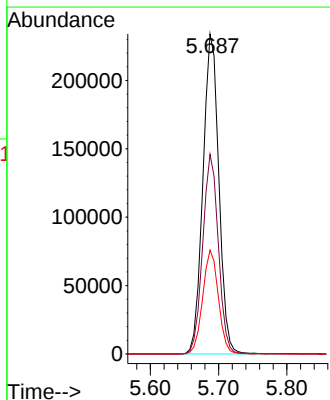
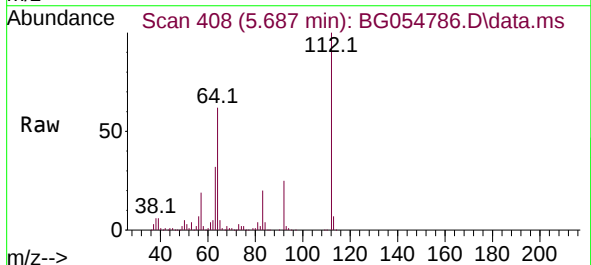
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMP

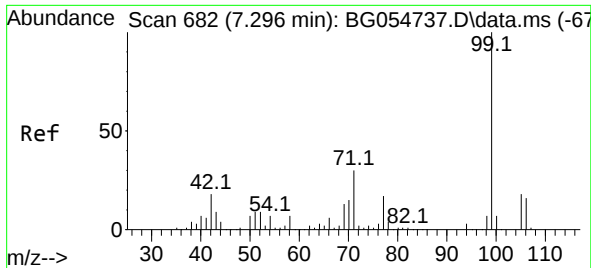
Tgt Ion:152 Resp: 41926
Ion Ratio Lower Upper
152 100
150 155.1 125.2 187.8
115 54.5 47.9 71.9



#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

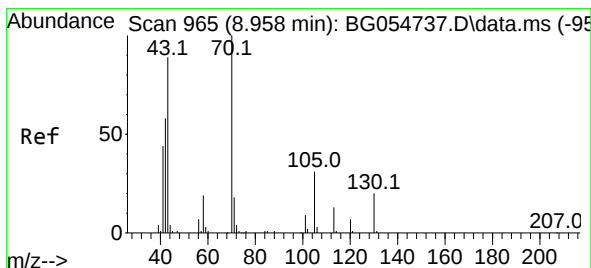
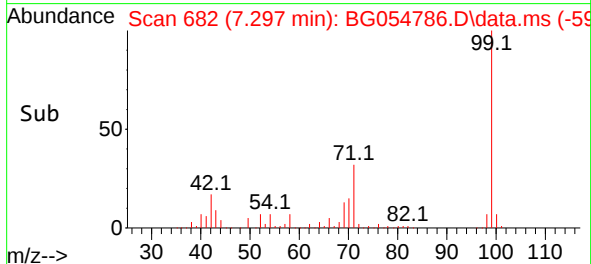
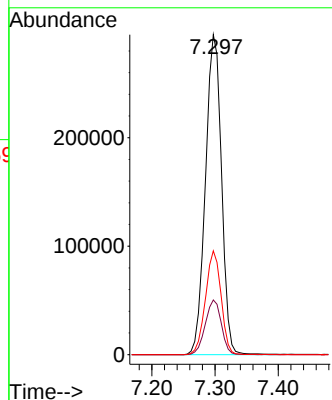
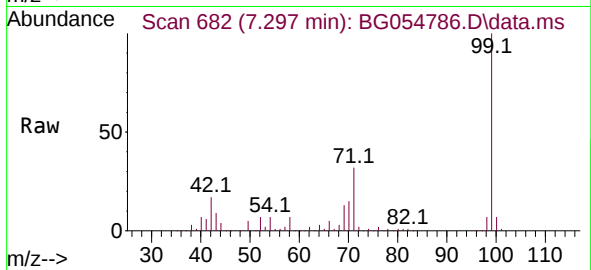




#7
Phenol-d6
Concen: 157.938 ng
RT: 7.297 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

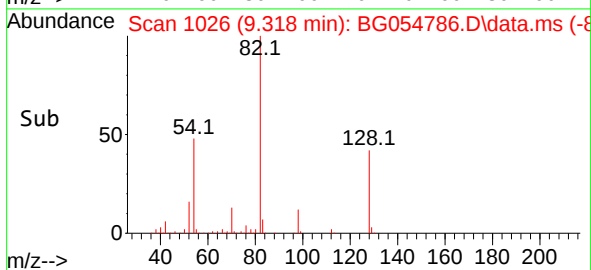
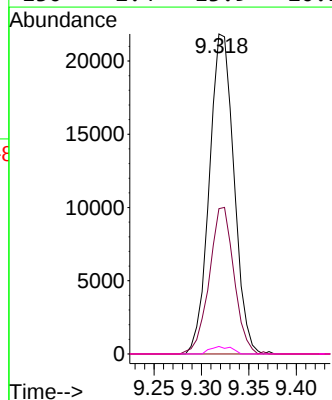
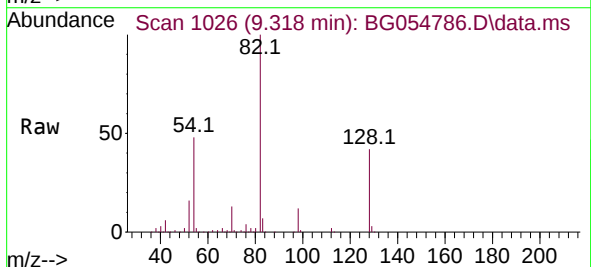
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMP

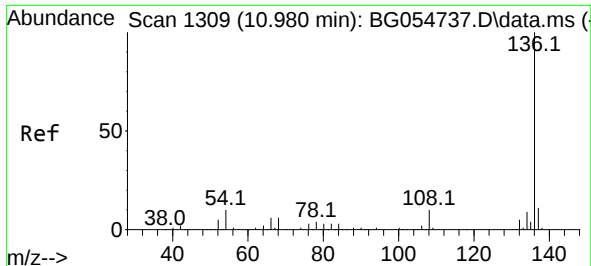
Tgt Ion: 99 Resp: 520038
Ion Ratio Lower Upper
99 100
42 17.1 14.6 22.0
71 32.4 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.433 ng
RT: 9.318 min Scan# 1026
Delta R.T. 0.360 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

Tgt Ion: 70 Resp: 39474
Ion Ratio Lower Upper
70 100
42 45.4 46.6 69.8#
101 0.0 7.7 11.5#
130 2.4 13.9 20.9#

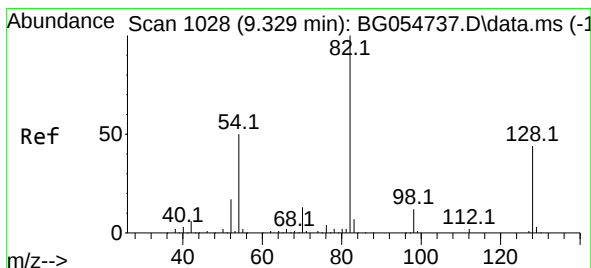
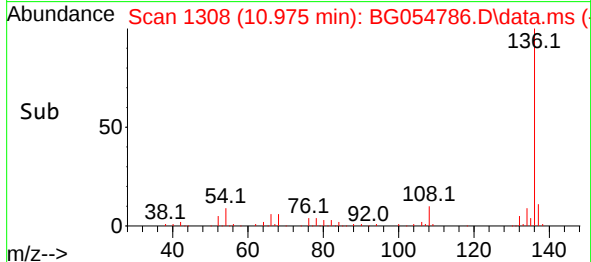
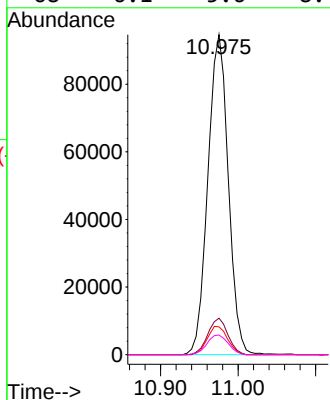
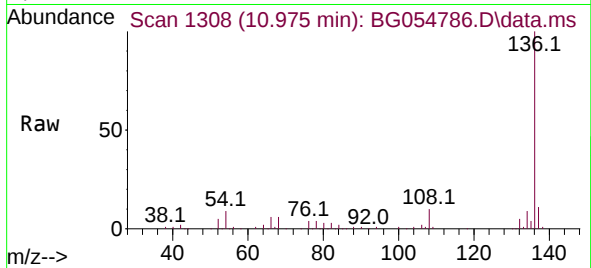




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

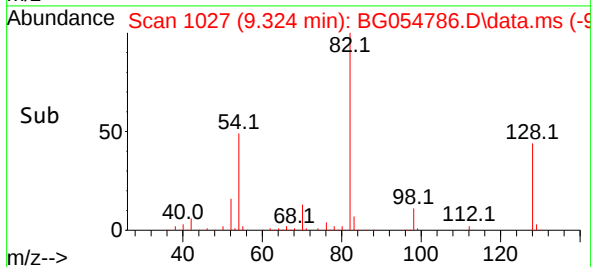
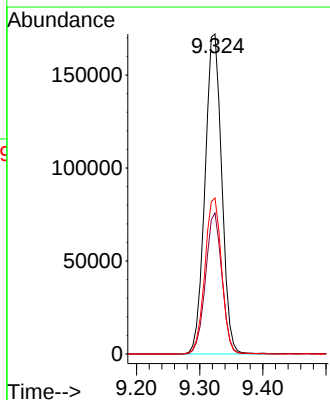
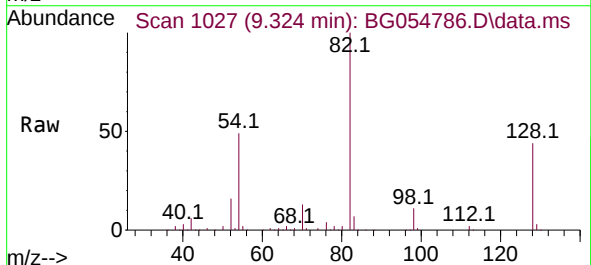
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMP

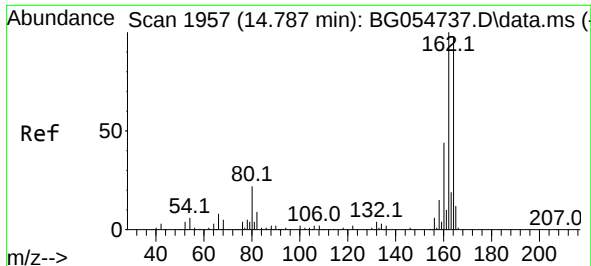
Tgt Ion:	136	Resp:	173437
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.7	7.7	11.5
68	6.1	5.6	8.4



#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

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

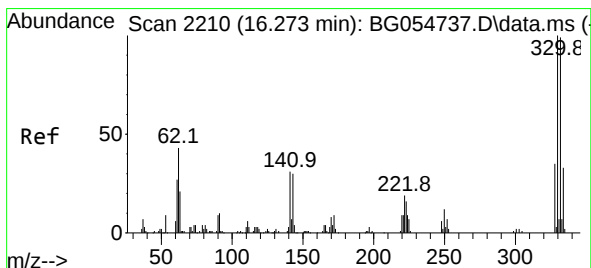
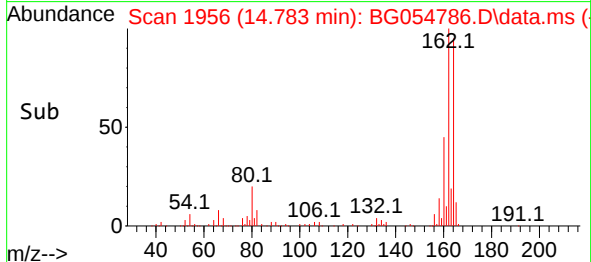
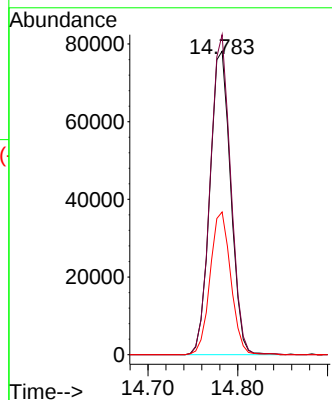
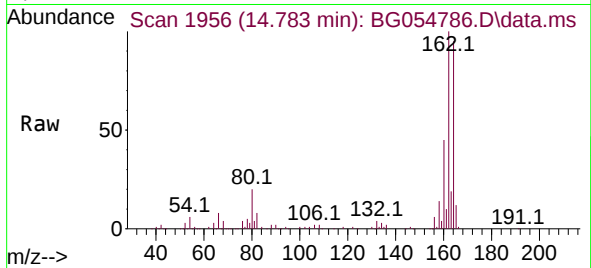




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

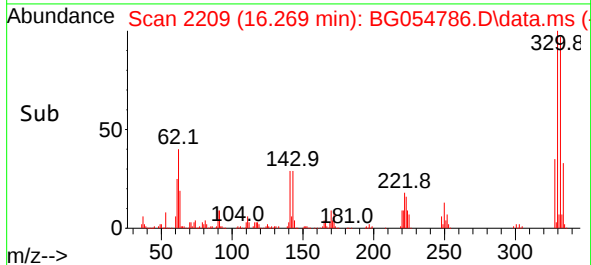
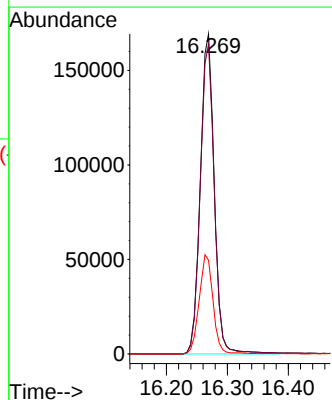
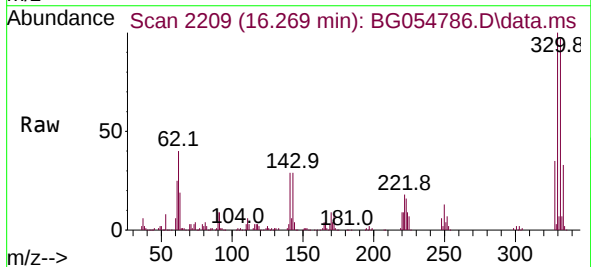
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMP

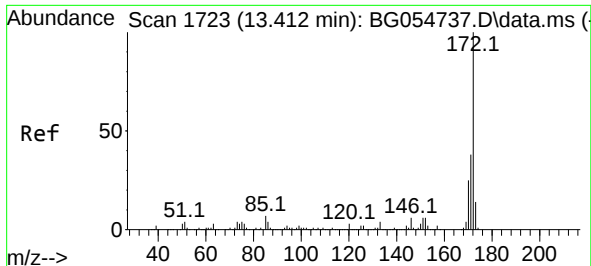
Tgt Ion:164 Resp: 125579
Ion Ratio Lower Upper
164 100
162 105.4 83.0 124.4
160 47.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 171.573 ng
RT: 16.269 min Scan# 2209
Delta R.T. -0.004 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

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

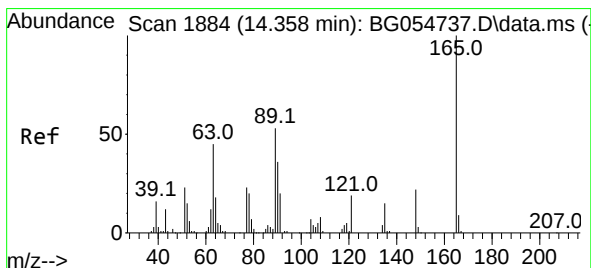
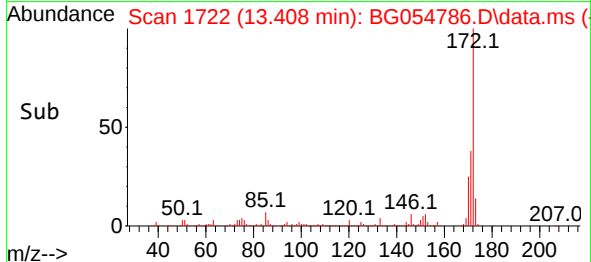
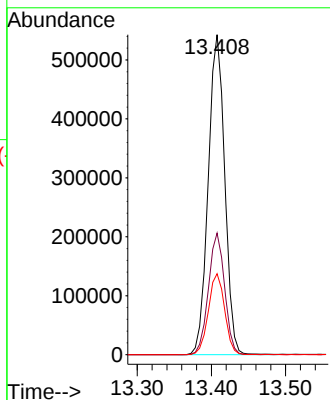
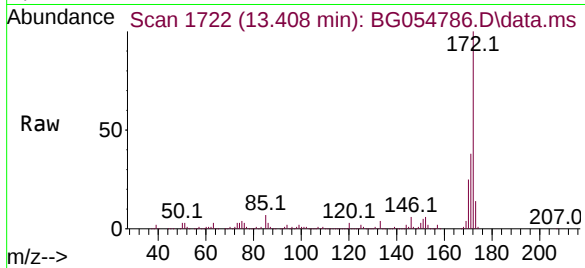




#45
2-Fluorobiphenyl
Concen: 100.550 ng
RT: 13.408 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

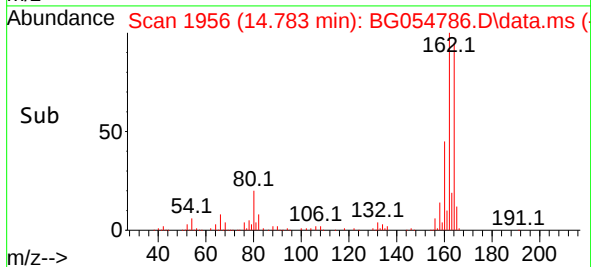
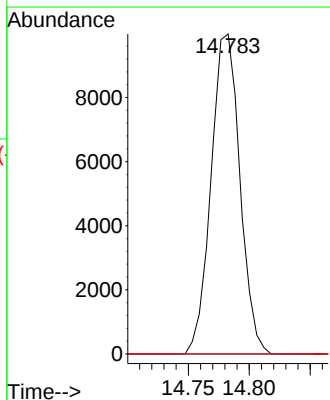
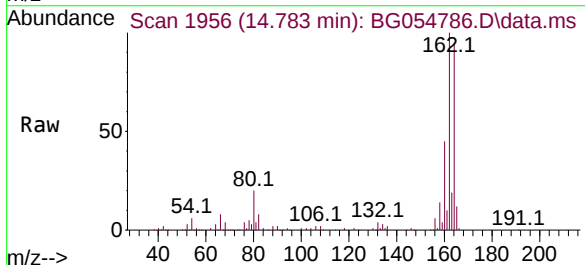
Instrument :
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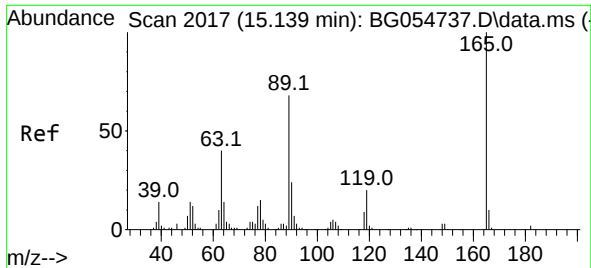
Tgt Ion:172 Resp: 840110
Ion Ratio Lower Upper
172 100
171 38.0 31.2 46.8
170 25.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.291 ng
RT: 14.783 min Scan# 1956
Delta R.T. 0.425 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

Tgt Ion:165 Resp: 16406
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

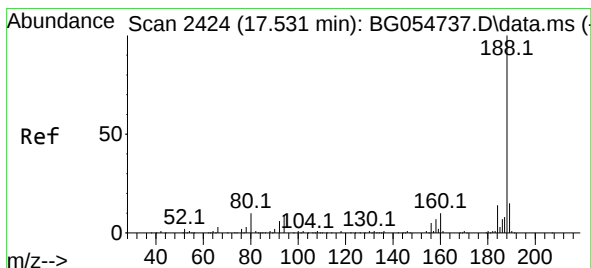
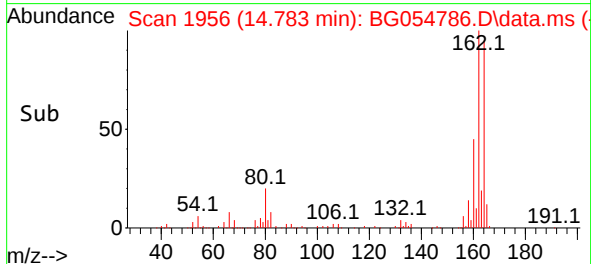
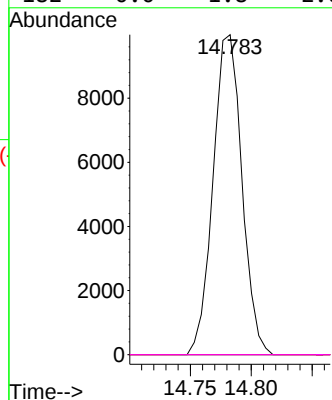
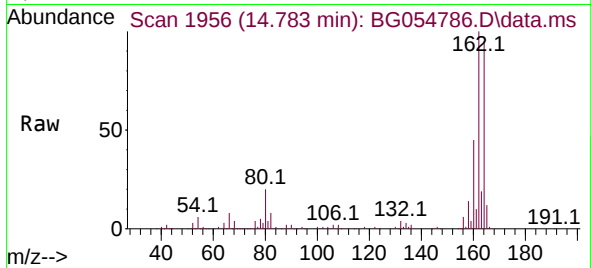




#57
2,4-Dinitrotoluene
Concen: 5.994 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.357 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

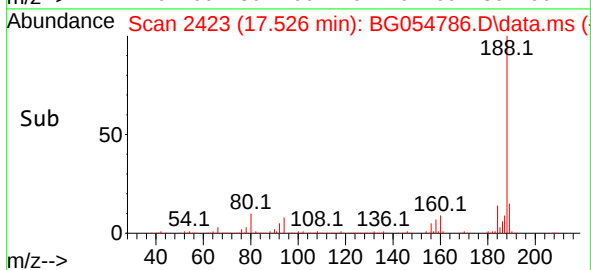
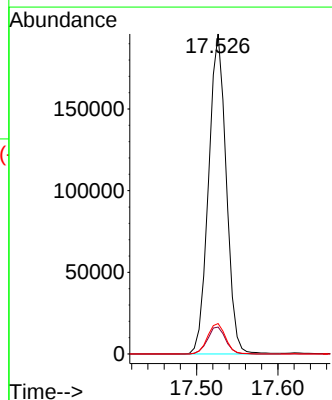
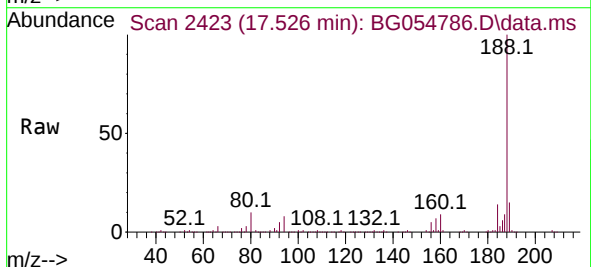
Instrument :
BNA_G
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ROCK-FINES-QA/QC-COMP

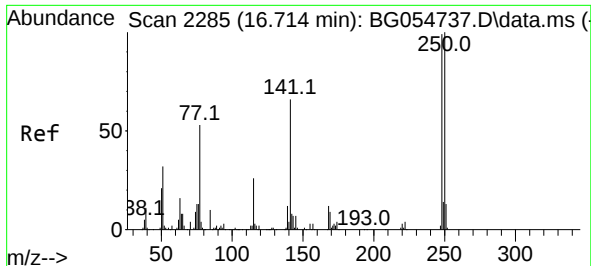
Tgt Ion:165 Resp: 16406
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.526 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

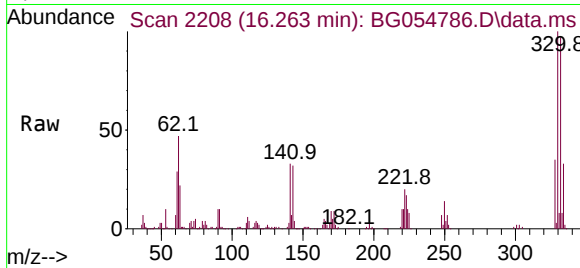
Tgt Ion:188 Resp: 295533
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.5 7.9 11.9



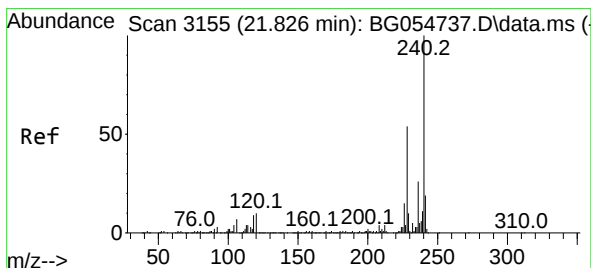
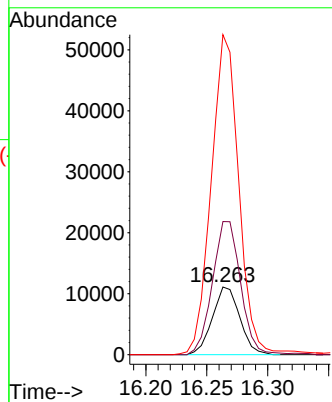
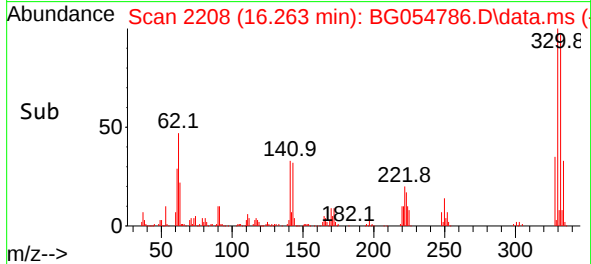


#67
4-Bromophenyl-phenylether
Concen: 5.343 ng
RT: 16.263 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

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

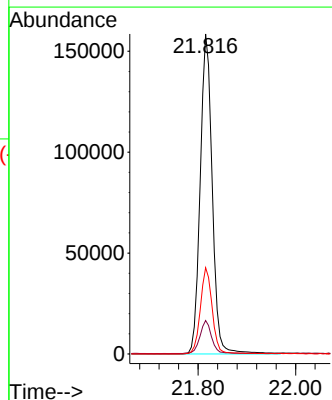
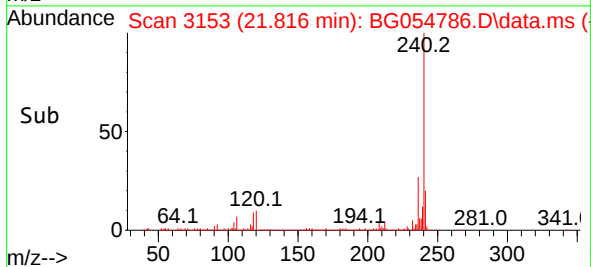
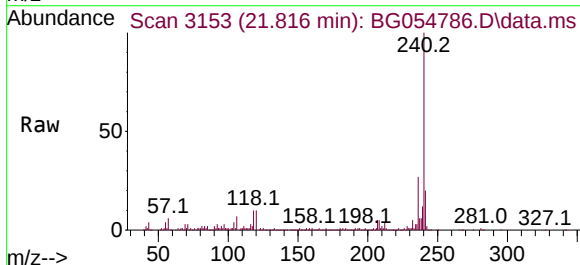


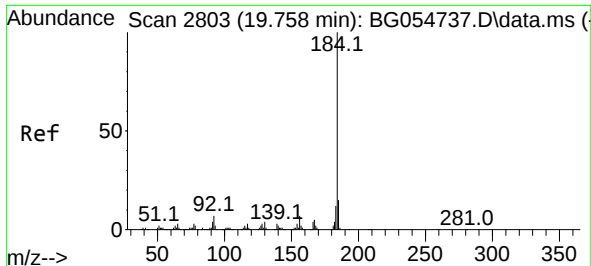
Tgt Ion:248 Resp: 17338
Ion Ratio Lower Upper
248 100
250 196.9 78.8 118.2#
141 473.1 51.9 77.9#



#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

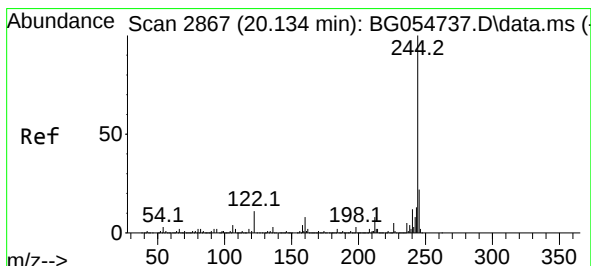
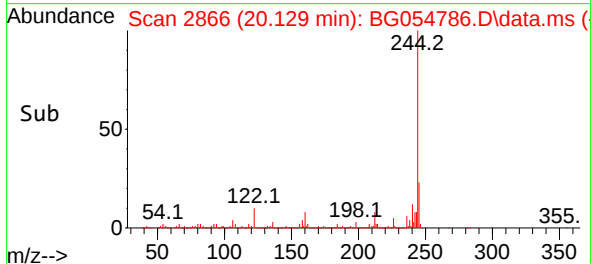
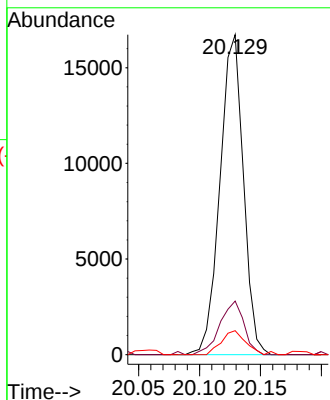
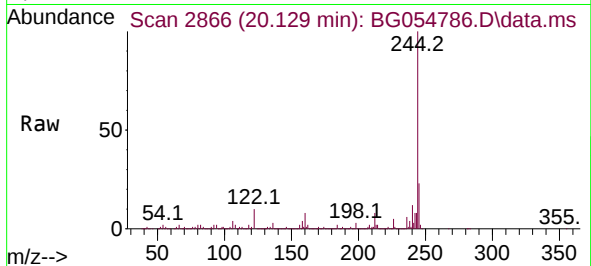




#77
Benzidine
Concen: 3.300 ng
RT: 20.129 min Scan# 2866
Delta R.T. 0.372 min
Lab File: BG054786.D
Acq: 30 Aug 2022 12:22

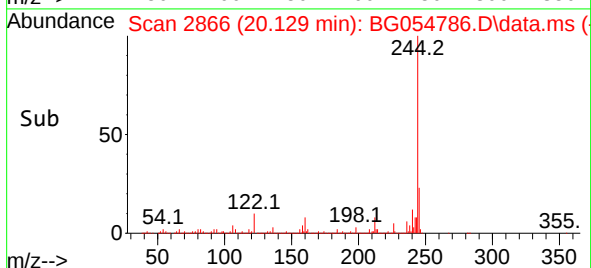
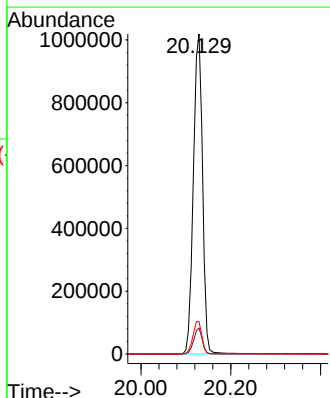
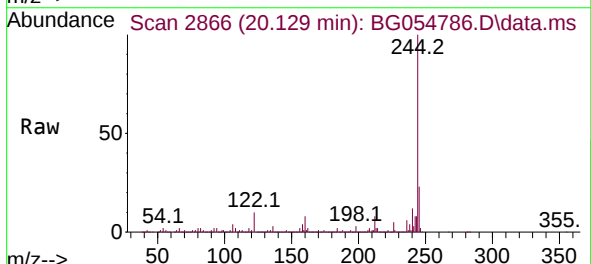
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMP

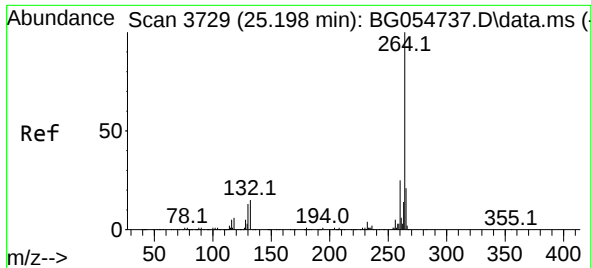
Tgt Ion:184 Resp: 22310
Ion Ratio Lower Upper
184 100
185 16.7 11.4 17.0
183 7.5 9.8 14.8#



#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

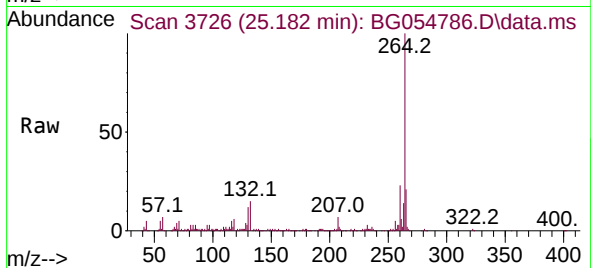
Tgt Ion:244 Resp: 1445396
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 10.1 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.182 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: BG054786.D
 Acq: 30 Aug 2022 12:22

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



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

