

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
 Data File : BG054787.D
 Acq On : 30 Aug 2022 13:05
 Operator : CG/JU
 Sample : N4398-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 30 16:04:22 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	8.148	152	42843	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	186848	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	130779	20.000	ng	0.00
64) Phenanthrene-d10	17.531	188	293269	20.000	ng	0.00
76) Chrysene-d12	21.820	240	271935	20.000	ng	0.00
86) Perylene-d12	25.186	264	296150	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	301933	122.721	ng	0.00
7) Phenol-d6	7.301	99	424691	126.220	ng	0.00
23) Nitrobenzene-d5	9.323	82	248437	69.800	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	197625	120.933	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	627704	72.141	ng	0.00
79) Terphenyl-d14	20.128	244	1064891	77.591	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	45088	38.378	ng	98
3) Pyridine	3.935	79	119521	36.474	ng	98
4) n-Nitrosodimethylamine	3.853	42	60138	42.455	ng	96
6) Aniline	7.472	93	188160	47.067	ng	97
8) 2-Chlorophenol	7.713	128	144739	53.846	ng	100
9) Benzaldehyde	7.278	77	80078	36.312	ng	97
10) Phenol	7.325	94	185776	53.689	ng	98
11) bis(2-Chloroethyl)ether	7.560	93	132890	47.752	ng	99
12) 1,3-Dichlorobenzene	8.036	146	146535	47.107	ng	97
13) 1,4-Dichlorobenzene	8.183	146	148399	47.295	ng	99
14) 1,2-Dichlorobenzene	8.506	146	146039	49.085	ng	100
15) Benzyl Alcohol	8.388	79	130213	53.569	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.670	45	204959	47.068	ng	99
17) 2-Methylphenol	8.588	107	128756	54.045	ng	98
18) Hexachloroethane	9.240	117	52751	46.363	ng	98
19) n-Nitroso-di-n-propyla...	8.958	70	112731	48.721	ng	95
20) 3+4-Methylphenols	8.917	107	175184	53.028	ng	97
22) Acetophenone	8.976	105	213149	45.598	ng	# 99
24) Nitrobenzene	9.370	77	157836	43.996	ng	97
25) Isophorone	9.887	82	318726	48.026	ng	99
26) 2-Nitrophenol	10.081	139	79103	49.917	ng	97
27) 2,4-Dimethylphenol	10.128	122	140847	56.096	ng	96
28) bis(2-Chloroethoxy)met...	10.368	93	190374	50.342	ng	99
29) 2,4-Dichlorophenol	10.615	162	147668	51.708	ng	97
30) 1,2,4-Trichlorobenzene	10.833	180	148015	45.353	ng	98
31) Naphthalene	11.027	128	450460	44.935	ng	100
32) Benzoic acid	10.274	122	69325	40.190	ng	98
33) 4-Chloroaniline	11.132	127	157055	38.429	ng	98
34) Hexachlorobutadiene	11.303	225	95211	45.534	ng	99
35) Caprolactam	11.908	113	30009	29.785	ng	94
36) 4-Chloro-3-methylphenol	12.243	107	161798	51.809	ng	97
37) 2-Methylnaphthalene	12.625	142	331454	47.174	ng	98
38) 1-Methylnaphthalene	12.842	142	316114	46.242	ng	100
40) 1,2,4,5-Tetrachloroben...	12.983	216	182797	46.369	ng	99
41) Hexachlorocyclopentadiene	12.960	237	218794	104.651	ng	100
43) 2,4,6-Trichlorophenol	13.218	196	126903	48.498	ng	99

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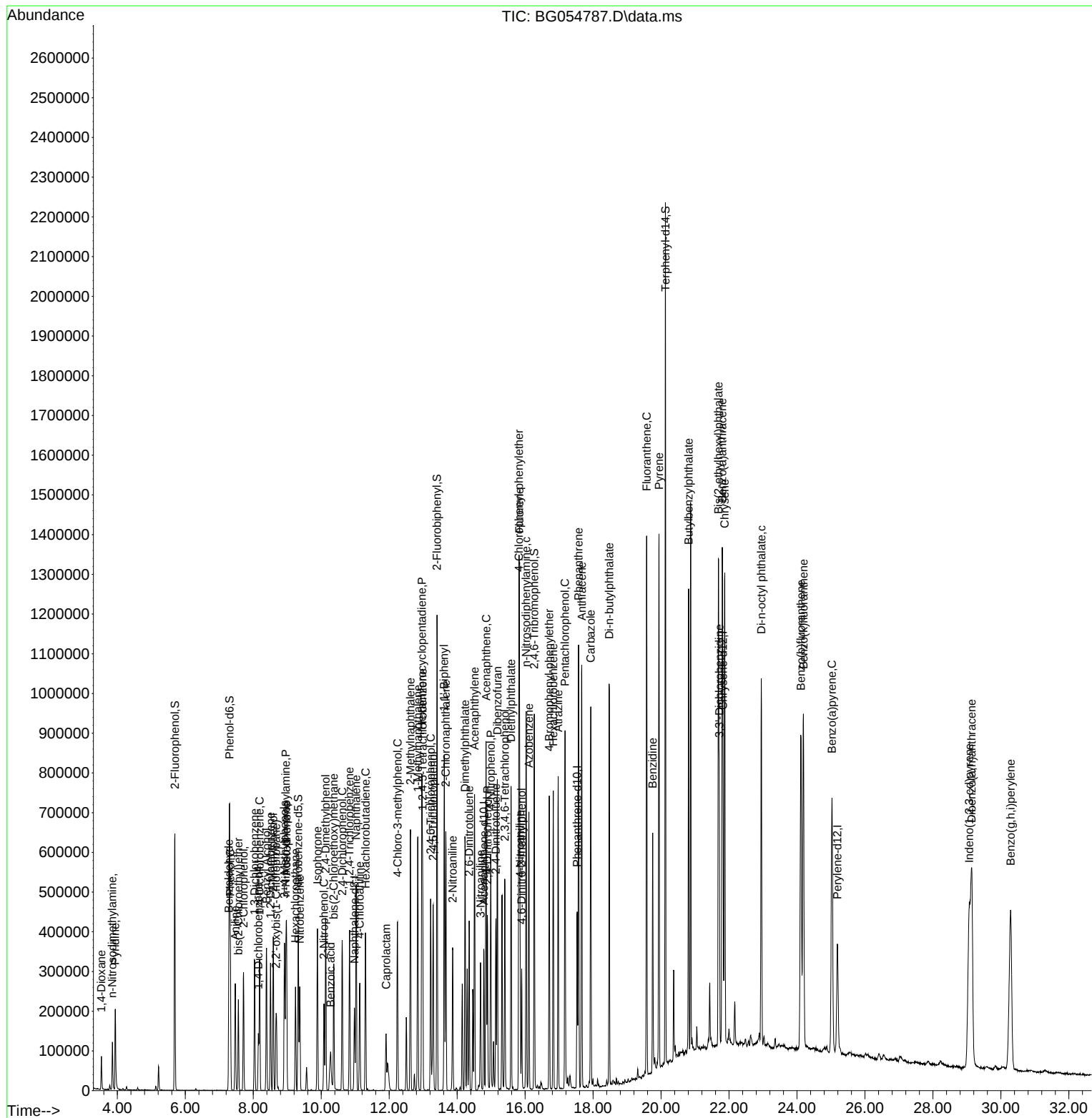
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	139142	47.349	ng	97
46) 1,1'-Biphenyl	13.618	154	454989	46.850	ng	99
47) 2-Chloronaphthalene	13.665	162	337336	45.737	ng	99
48) 2-Nitroaniline	13.864	65	107627	46.562	ng	99
49) Acenaphthylene	14.511	152	562758	46.237	ng	100
50) Dimethylphthalate	14.229	163	459602	45.617	ng	99
51) 2,6-Dinitrotoluene	14.352	165	98108	47.607	ng	91
52) Acenaphthene	14.851	154	341795	43.718	ng	99
53) 3-Nitroaniline	14.687	138	89856	38.950	ng	96
54) 2,4-Dinitrophenol	14.893	184	107010	91.004	ng	98
55) Dibenzofuran	15.180	168	525342	45.729	ng	100
56) 4-Nitrophenol	14.987	139	173144	96.985	ng	96
57) 2,4-Dinitrotoluene	15.139	165	139240	48.848	ng	86
58) Fluorene	15.827	166	439155	45.377	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.404	232	120407	45.454	ng	98
60) Diethylphthalate	15.586	149	451752	44.902	ng	98
61) 4-Chlorophenyl-phenyle...	15.815	204	230873	48.358	ng	99
62) 4-Nitroaniline	15.850	138	108071	45.883	ng	97
63) Azobenzene	16.109	77	415234	43.428	ng	96
65) 4,6-Dinitro-2-methylph...	15.897	198	71143	47.657	ng	97
66) n-Nitrosodiphenylamine	16.027	169	395428	46.755	ng	99
67) 4-Bromophenyl-phenylether	16.708	248	158964	49.370	ng	98
68) Hexachlorobenzene	16.826	284	175949	48.609	ng	98
69) Atrazine	16.973	200	152871	51.236	ng	99
70) Pentachlorophenol	17.172	266	188496	95.845	ng	98
71) Phenanthrene	17.572	178	716242	45.846	ng	99
72) Anthracene	17.666	178	712948	46.939	ng	99
73) Carbazole	17.930	167	658564	47.060	ng	99
74) Di-n-butylphthalate	18.471	149	799965	45.175	ng	99
75) Fluoranthene	19.575	202	867231	45.632	ng	99
77) Benzidine	19.752	184	398157	59.113	ng	99
78) Pyrene	19.940	202	871518	45.962	ng	99
80) Butylbenzylphthalate	20.809	149	350063	44.260	ng	97
81) Benzo(a)anthracene	21.802	228	845620	45.863	ng	99
82) 3,3'-Dichlorobenzidine	21.714	252	276827	42.823	ng	99
83) Chrysene	21.873	228	792721	44.966	ng	100
84) Bis(2-ethylhexyl)phtha...	21.685	149	520153	45.646	ng	100
85) Di-n-octyl phthalate	22.948	149	863845	44.701	ng	96
87) Indeno(1,2,3-cd)pyrene	29.064	276	1014306	45.115	ng	99
88) Benzo(b)fluoranthene	24.111	252	875903	47.148	ng	99
89) Benzo(k)fluoranthene	24.188	252	874791	46.788	ng	99
90) Benzo(a)pyrene	25.028	252	788777	49.696	ng	98
91) Dibenzo(a,h)anthracene	29.141	278	862752	47.102	ng	99
92) Benzo(g,h,i)perylene	30.286	276	878943	47.500	ng	98

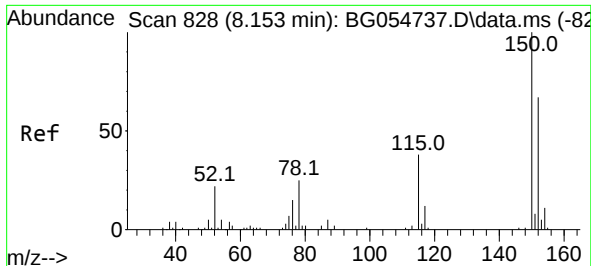
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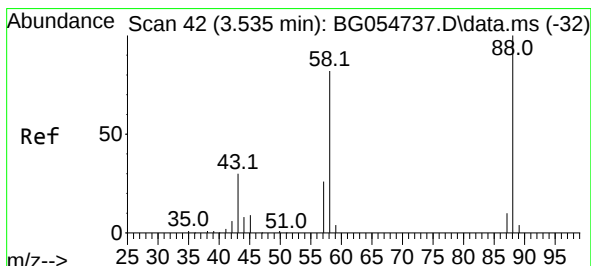
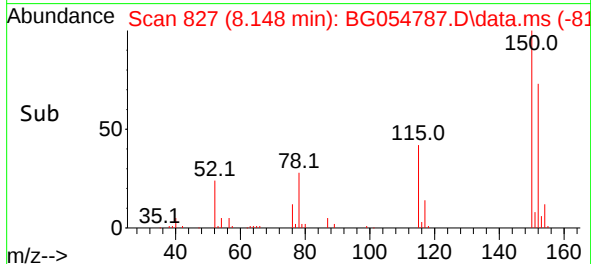
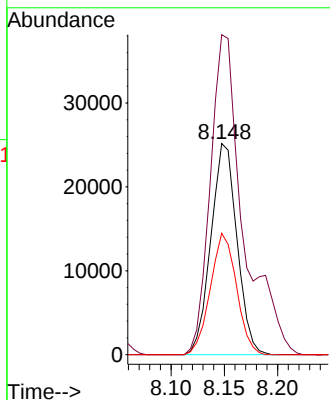
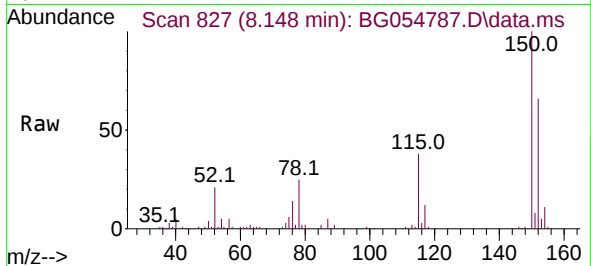




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054787.D
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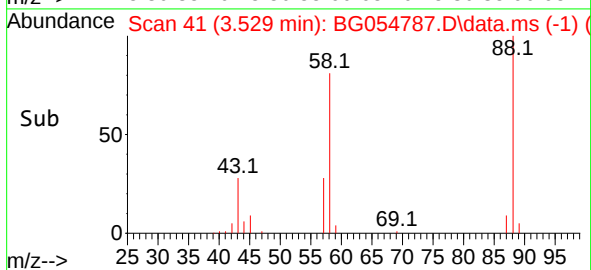
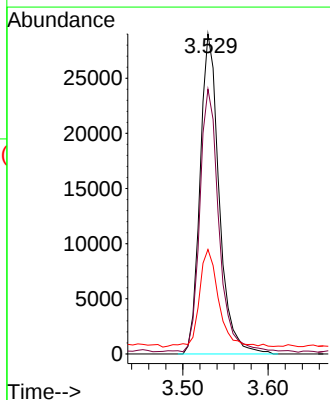
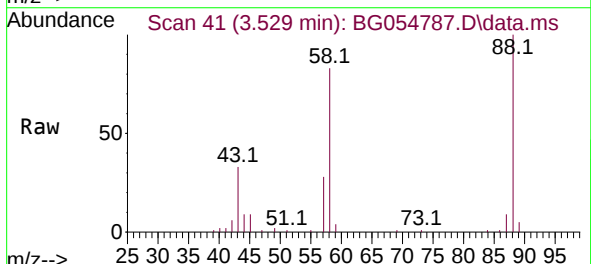
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

Tgt Ion:152 Resp: 42843
Ion Ratio Lower Upper
152 100
150 151.6 125.2 187.8
115 57.5 47.9 71.9



#2
1,4-Dioxane
Concen: 38.378 ng
RT: 3.529 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion: 88 Resp: 45088
Ion Ratio Lower Upper
88 100
58 83.0 65.9 98.9
43 31.2 22.7 34.1

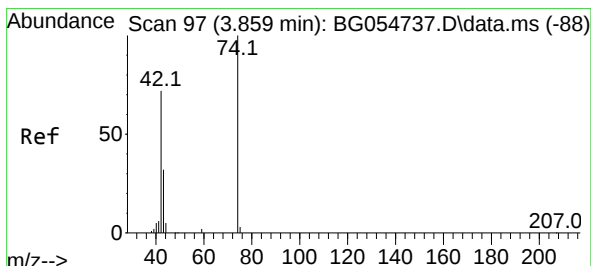
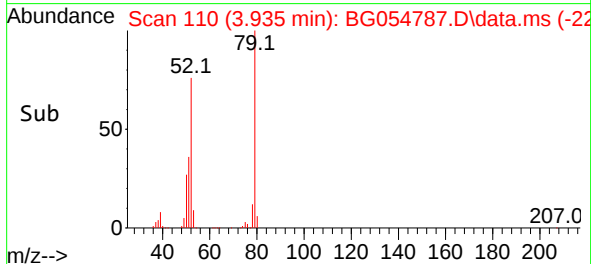
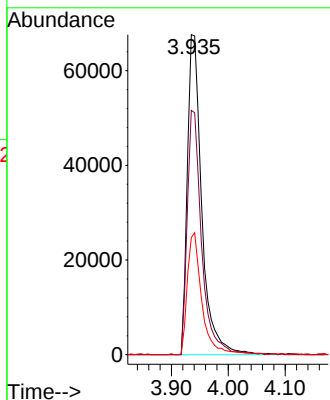
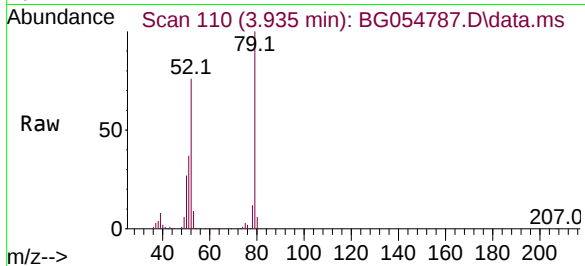




#3
Pyridine
Concen: 36.474 ng
RT: 3.935 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

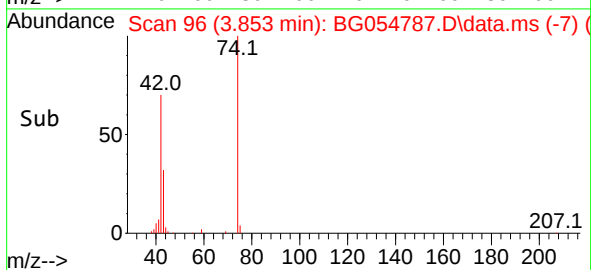
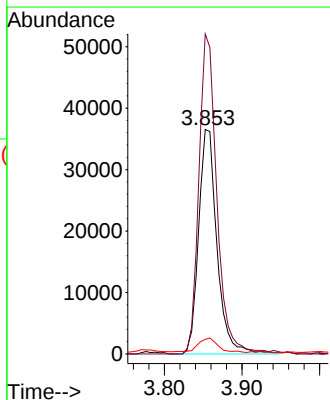
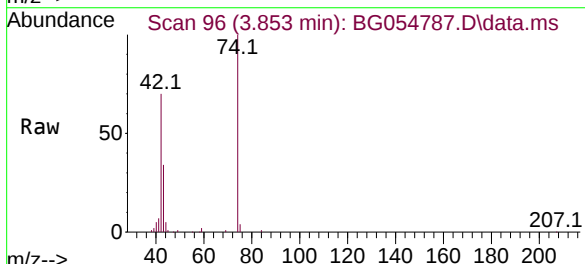
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 79 Resp: 119521
Ion Ratio Lower Upper
79 100
52 76.3 61.4 92.0
51 36.6 31.4 47.0



#4
n-Nitrosodimethylamine
Concen: 42.455 ng
RT: 3.853 min Scan# 96
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion: 42 Resp: 60138
Ion Ratio Lower Upper
42 100
74 142.6 109.6 164.4
44 6.5 5.5 8.3

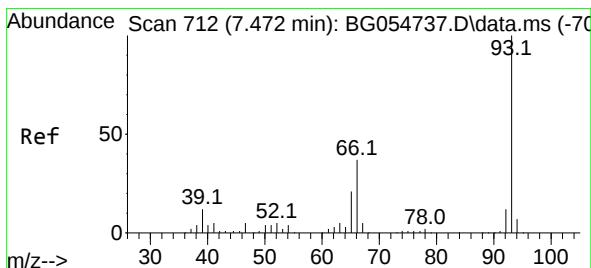
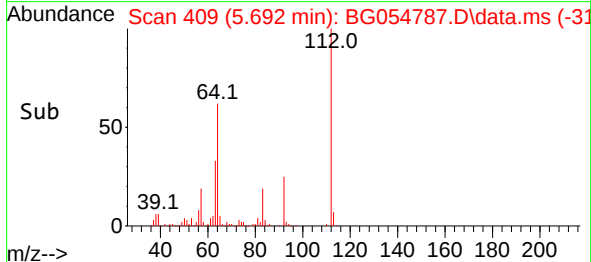
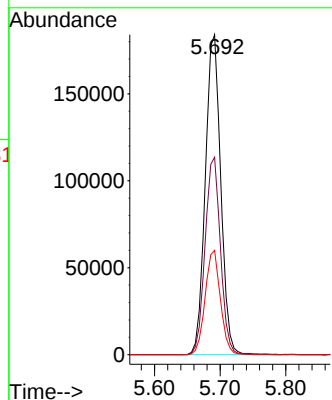
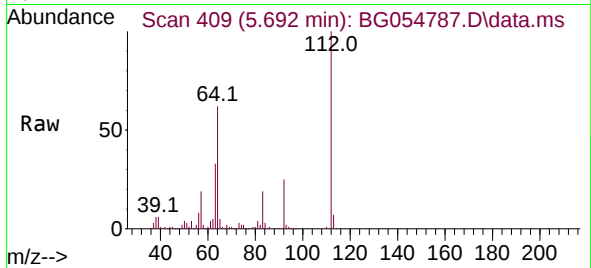




#5
2-Fluorophenol
Concen: 122.721 ng
RT: 5.692 min Scan# 408
Delta R.T. 0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

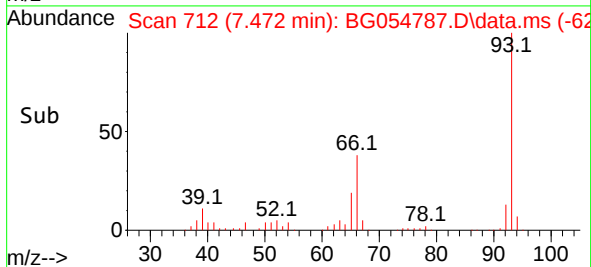
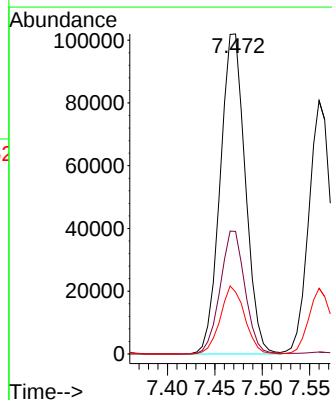
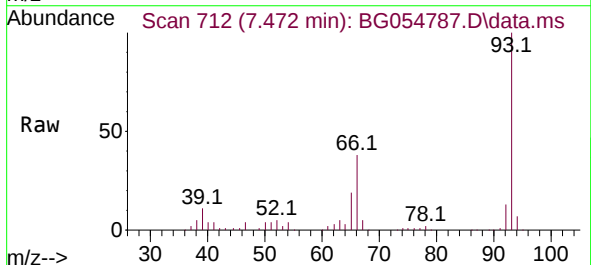
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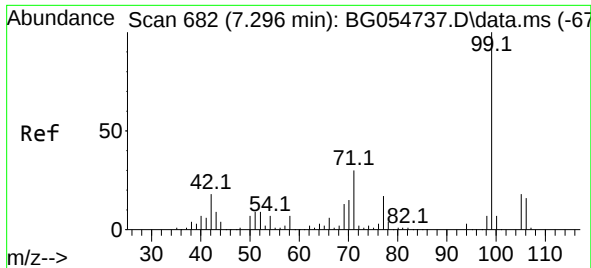
Tgt Ion:112 Resp: 301933
Ion Ratio Lower Upper
112 100
64 61.7 49.3 73.9
63 32.6 26.3 39.5



#6
Aniline
Concen: 47.067 ng
RT: 7.472 min Scan# 712
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion: 93 Resp: 188160
Ion Ratio Lower Upper
93 100
66 38.3 31.8 47.8
65 19.4 16.6 25.0

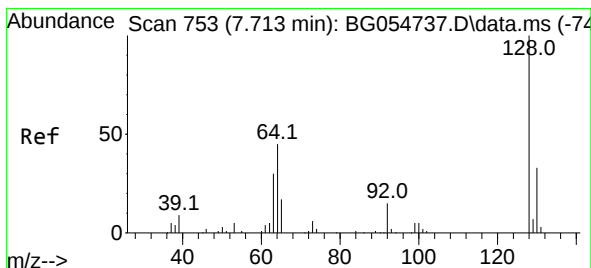
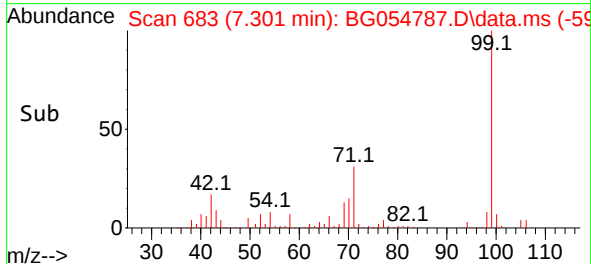
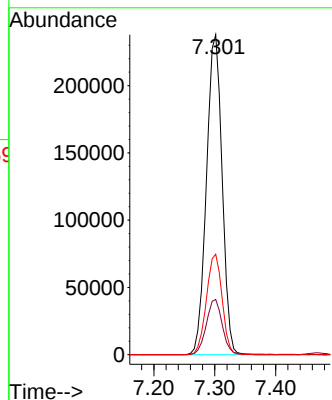
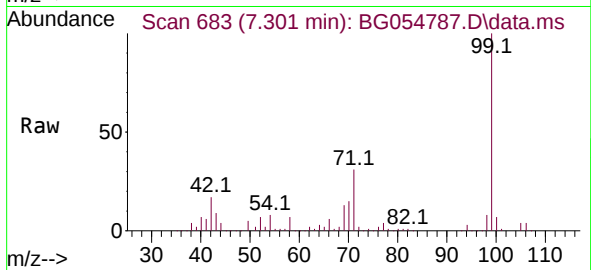




#7
Phenol-d6
Concen: 126.220 ng
RT: 7.301 min Scan# 682
Delta R.T. 0.006 min
Lab File: BG054787.D
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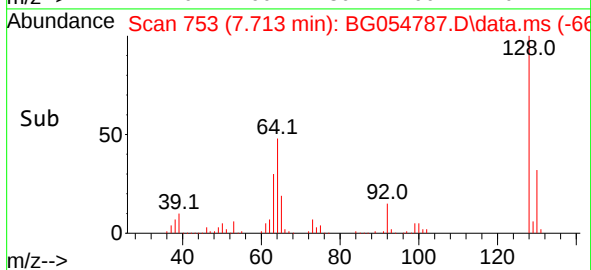
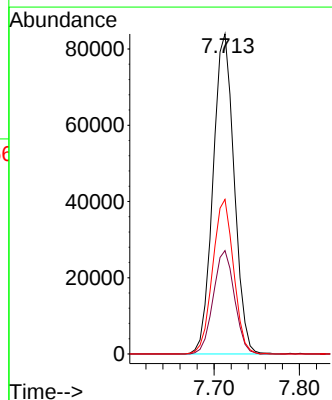
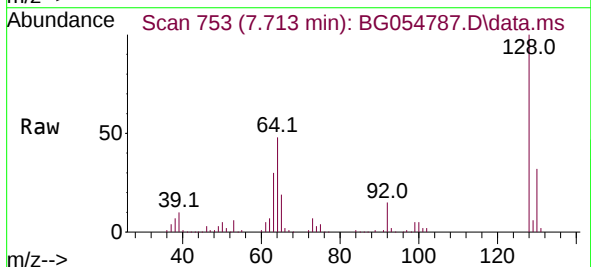
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Tgt Ion: 99 Resp: 424691
Ion Ratio Lower Upper
99 100
42 17.2 14.6 22.0
71 31.4 24.6 37.0



#8
2-Chlorophenol
Concen: 53.846 ng
RT: 7.713 min Scan# 753
Delta R.T. -0.000 min
Lab File: BG054787.D
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Tgt Ion:128 Resp: 144739
Ion Ratio Lower Upper
128 100
130 32.3 12.5 52.5
64 48.3 28.6 68.6

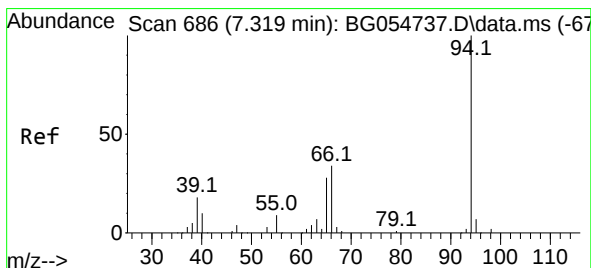
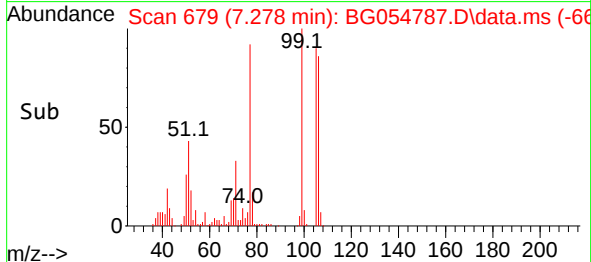
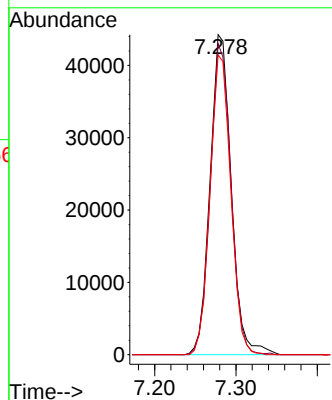
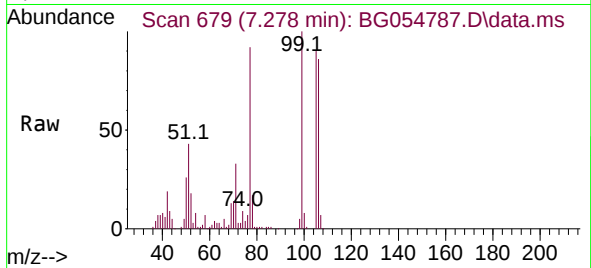




#9
Benzaldehyde
Concen: 36.312 ng
RT: 7.278 min Scan# 61
Delta R.T. -0.006 min
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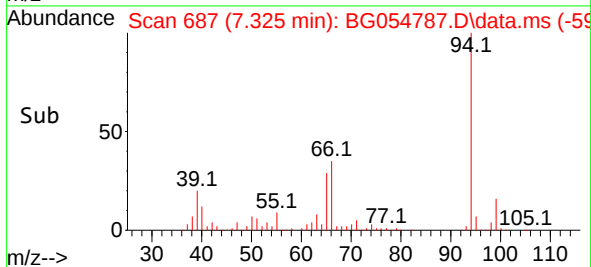
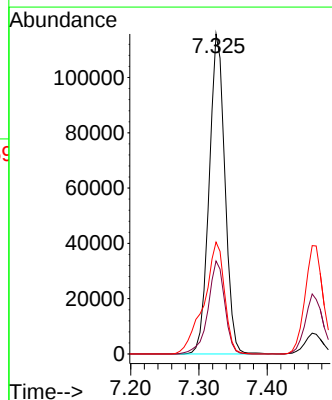
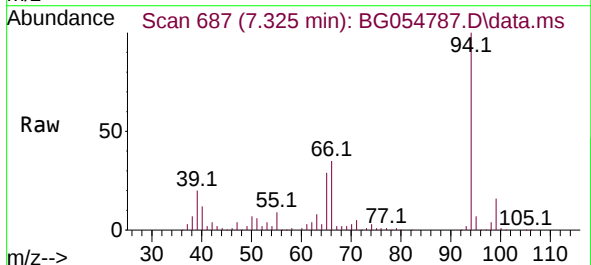
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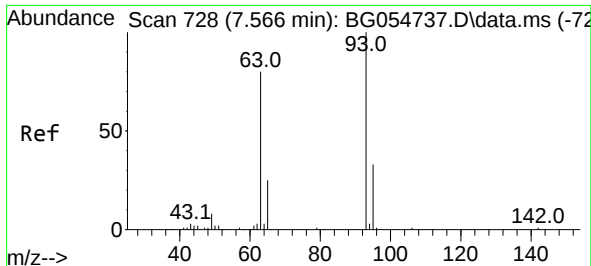
Tgt Ion: 77 Resp: 80078
Ion Ratio Lower Upper
77 100
105 97.2 75.3 115.3
106 93.7 70.2 110.2



#10
Phenol
Concen: 53.689 ng
RT: 7.325 min Scan# 687
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 185776
Ion Ratio Lower Upper
94 100
65 29.0 9.9 49.9
66 34.9 16.4 56.4

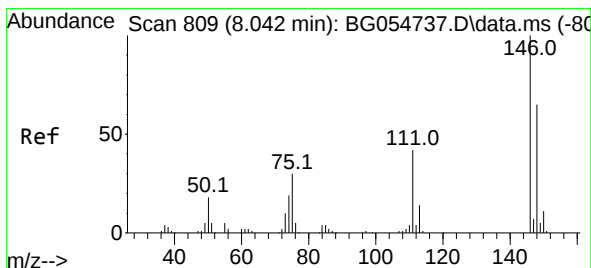
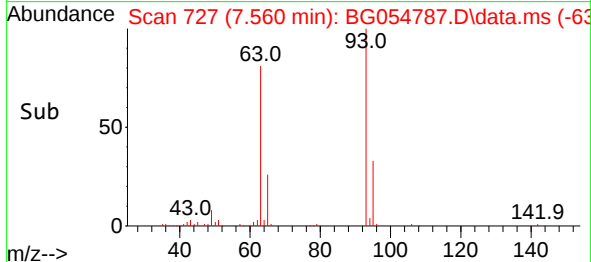
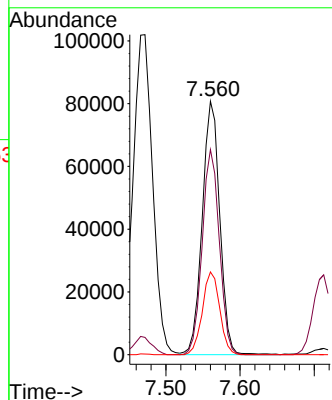
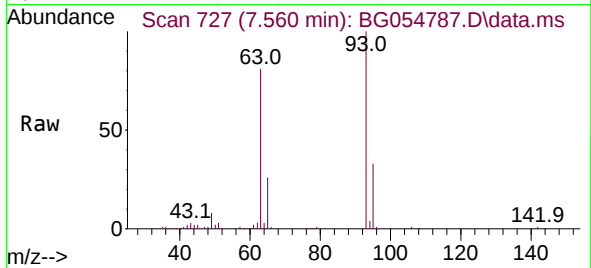




#11
bis(2-Chloroethyl)ether
Concen: 47.752 ng
RT: 7.560 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

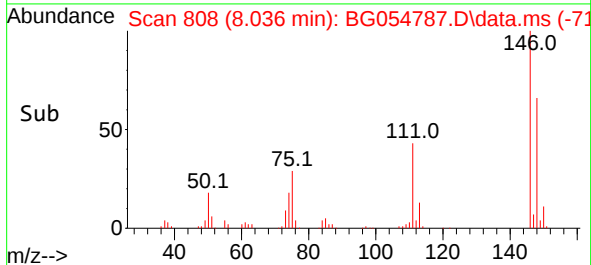
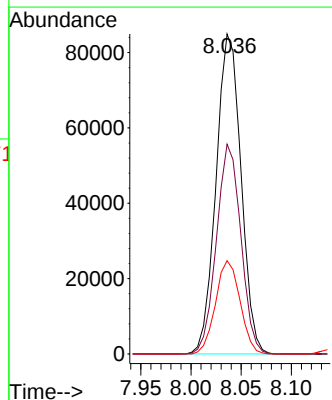
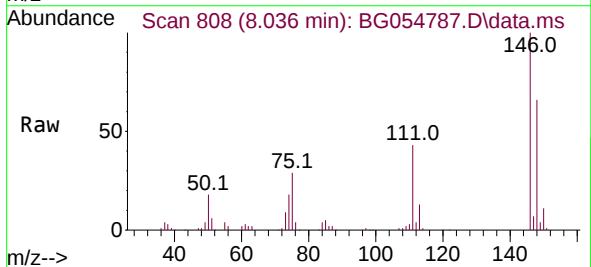
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

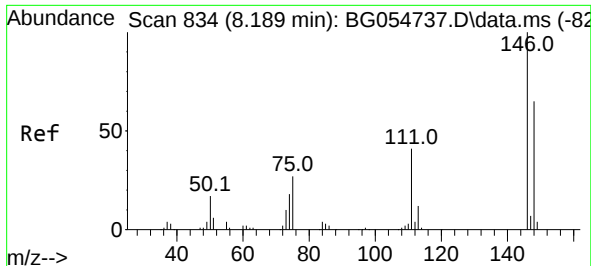
Tgt Ion: 93 Resp: 132890
Ion Ratio Lower Upper
93 100
63 80.9 62.1 102.1
95 32.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 47.107 ng
RT: 8.036 min Scan# 808
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:146 Resp: 146535
Ion Ratio Lower Upper
146 100
148 65.5 50.6 76.0
75 29.1 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 47.295 ng

RT: 8.183 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG054787.D

Acq: 30 Aug 2022 13:05

Instrument :

BNA_G

ClientSampleId :

ROCK-FINES-QA/QC-COMPMS

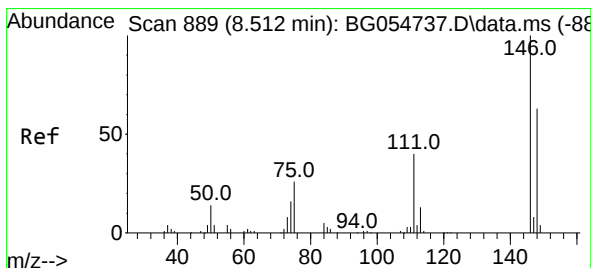
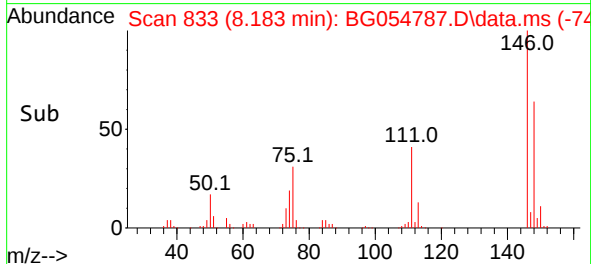
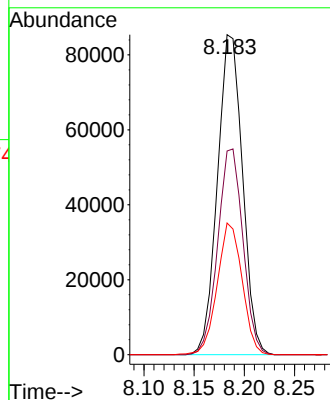
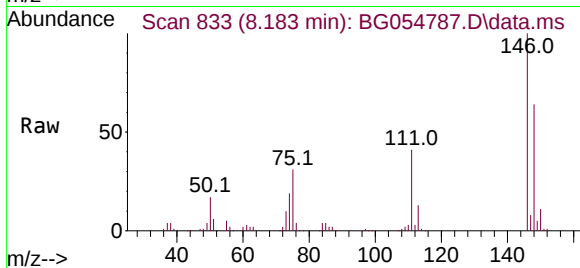
Tgt Ion:146 Resp: 148399

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

111 41.2 33.0 49.4



#14

1,2-Dichlorobenzene

Concen: 49.085 ng

RT: 8.506 min Scan# 888

Delta R.T. -0.006 min

Lab File: BG054787.D

Acq: 30 Aug 2022 13:05

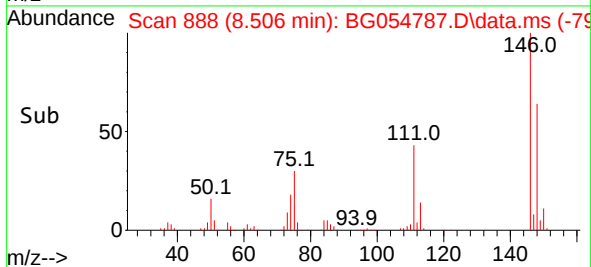
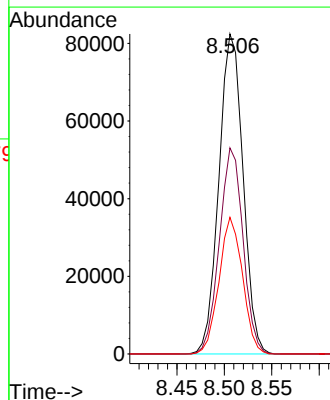
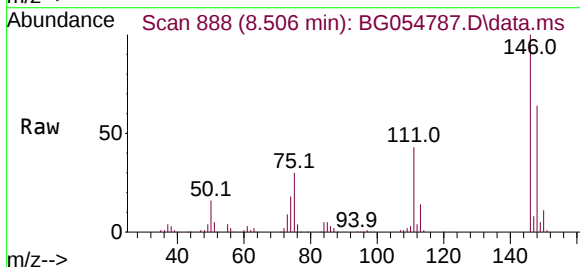
Tgt Ion:146 Resp: 146039

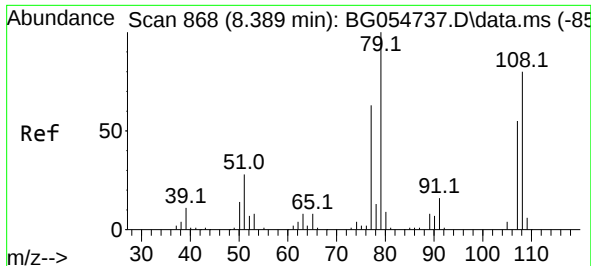
Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

111 42.7 34.3 51.5

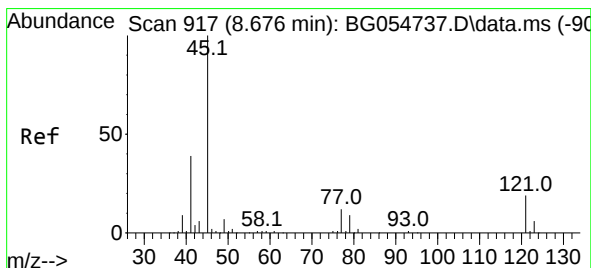
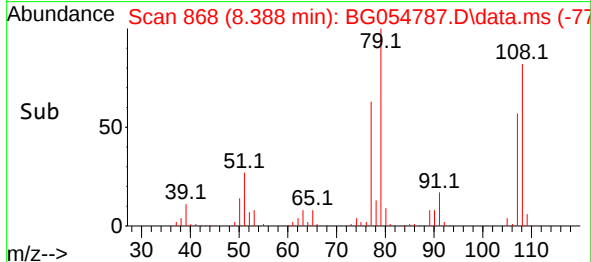
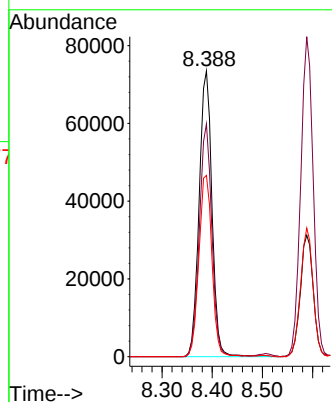
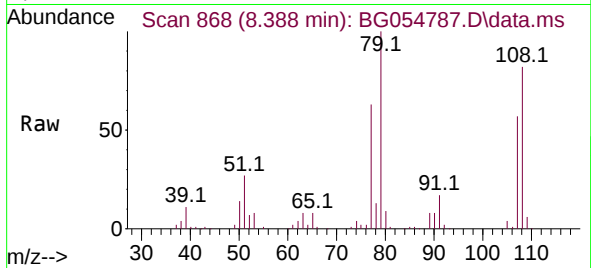




#15
Benzyl Alcohol
Concen: 53.569 ng
RT: 8.388 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

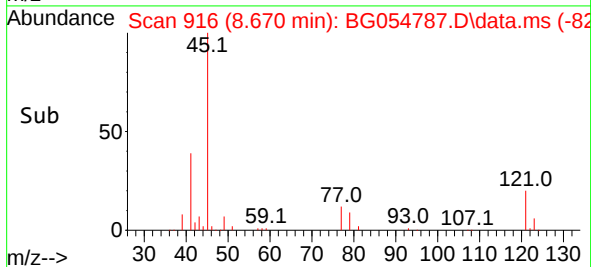
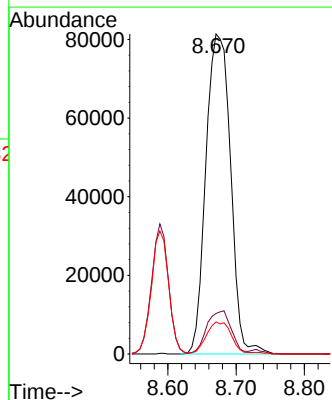
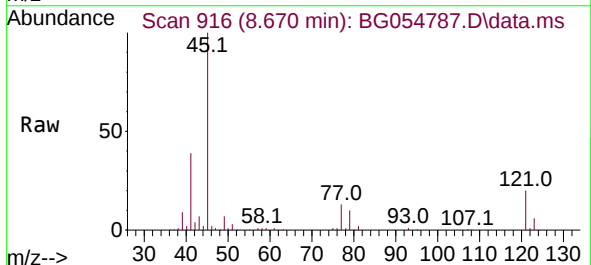
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

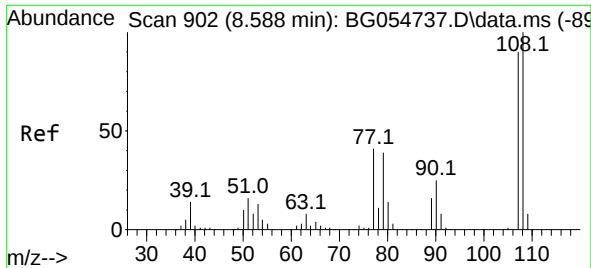
Tgt Ion: 79 Resp: 130213
Ion Ratio Lower Upper
79 100
108 81.5 63.4 95.0
77 63.5 55.0 82.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.068 ng
RT: 8.670 min Scan# 916
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion: 45 Resp: 204959
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.8
79 10.0 0.0 30.4

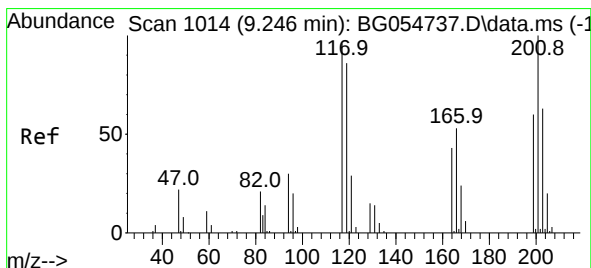
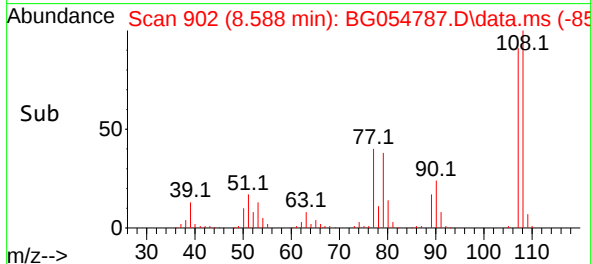
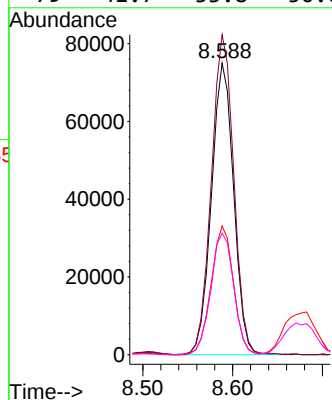
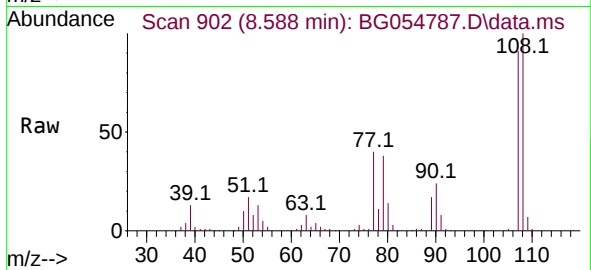




#17
2-Methylphenol
Concen: 54.045 ng
RT: 8.588 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

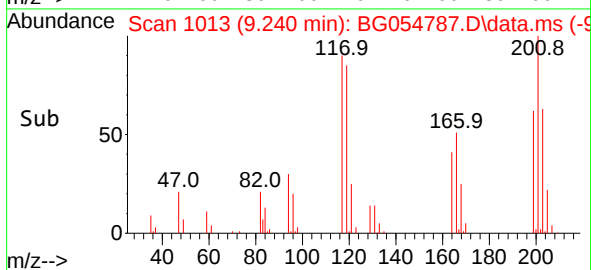
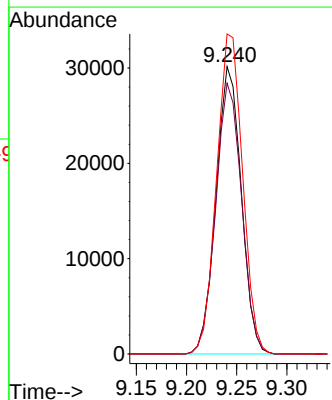
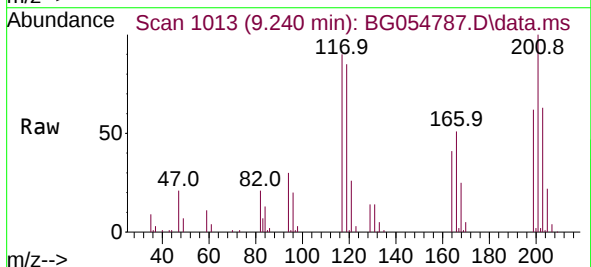
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

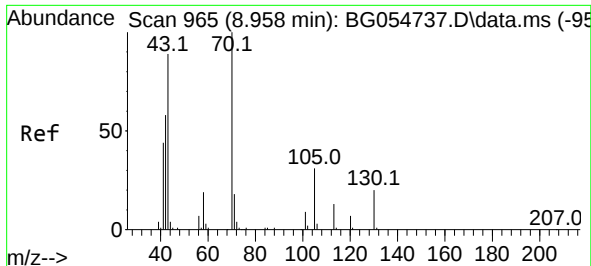
Tgt Ion:	107	Resp:	128756
Ion	Ratio	Lower	Upper
107	100		
108	109.7	85.6	128.4
77	44.1	35.8	53.8
79	41.7	33.8	50.6



#18
Hexachloroethane
Concen: 46.363 ng
RT: 9.240 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:	117	Resp:	52751
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.0	115.6
201	111.4	87.2	130.8



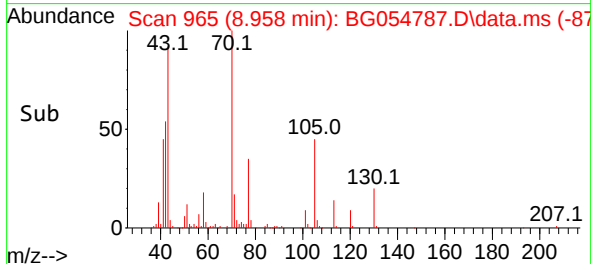
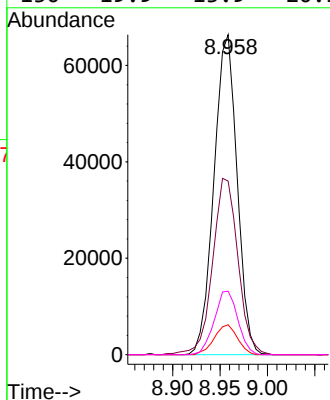
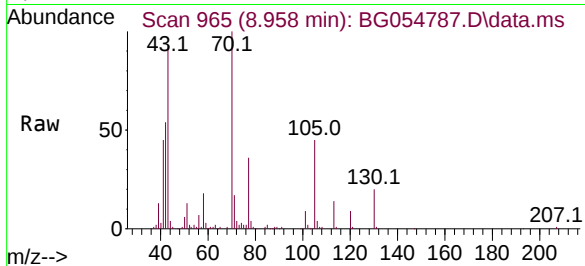


#19
n-Nitroso-di-n-propylamine
Concen: 48.721 ng
RT: 8.958 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

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

Tgt Ion: 70 Resp: 112731

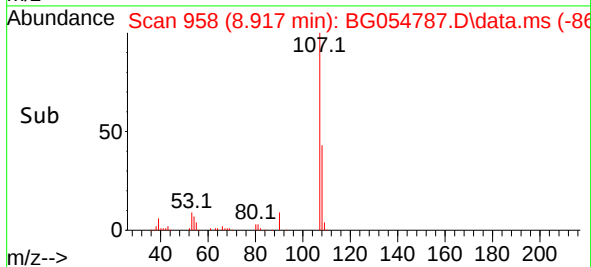
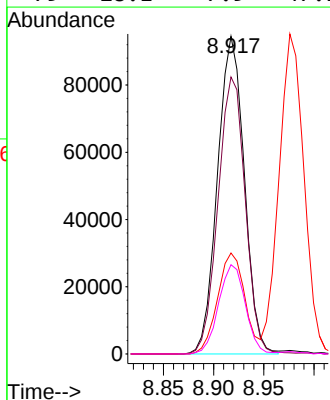
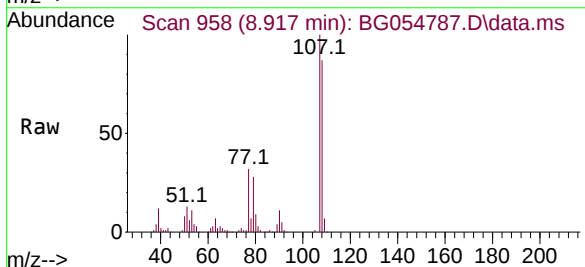
Ion	Ratio	Lower	Upper
70	100		
42	54.3	46.6	69.8
101	9.4	7.7	11.5
130	19.9	13.9	20.9



#20
3+4-Methylphenols
Concen: 53.028 ng
RT: 8.917 min Scan# 958
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion: 107 Resp: 175184

Ion	Ratio	Lower	Upper
107	100		
108	87.2	71.6	111.6
77	31.8	13.1	53.1
79	28.1	7.9	47.9

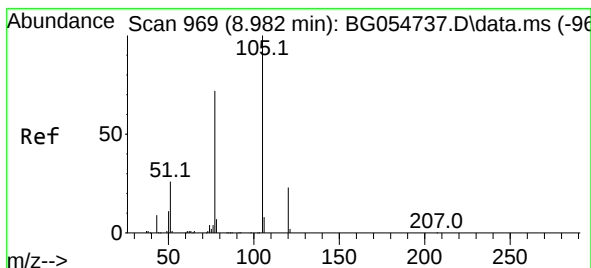
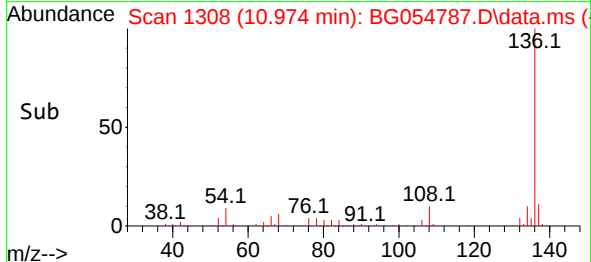
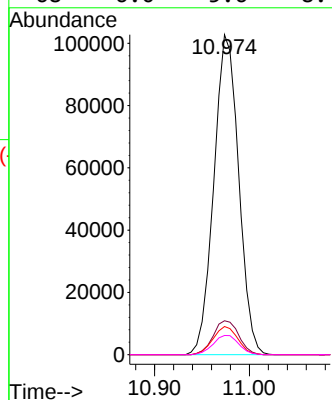
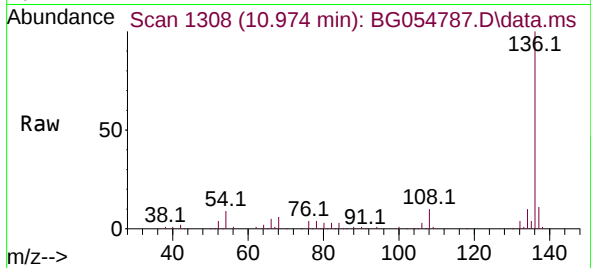




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

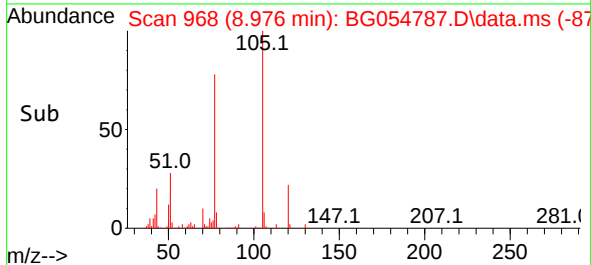
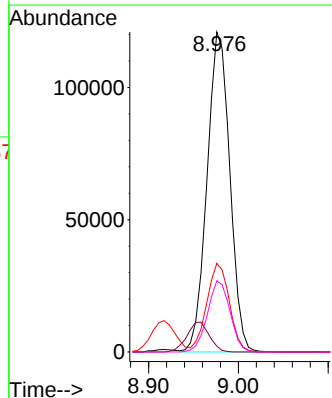
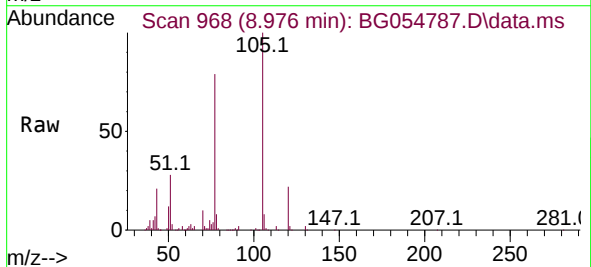
Instrument : BNA_G
ClientSampleId : ROCK-FINES-QA/QC-COMPMS

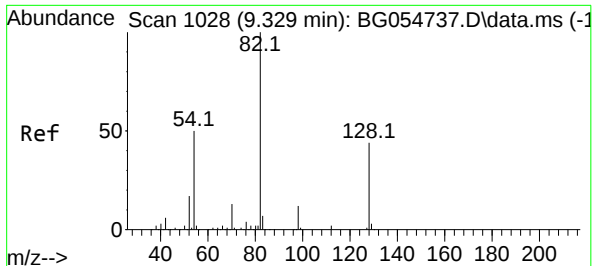
Tgt Ion:136 Resp: 186848
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 8.8 7.7 11.5
68 6.0 5.6 8.4



#22
Acetophenone
Concen: 45.598 ng
RT: 8.976 min Scan# 968
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:105 Resp: 213149
Ion Ratio Lower Upper
105 100
71 1.8 1.2 1.8#
51 27.7 22.9 34.3
120 22.2 17.4 26.2





#23

Nitrobenzene-d5

Concen: 69.800 ng

RT: 9.323 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BG054787.D

Acq: 30 Aug 2022 13:05

Instrument :

BNA_G

ClientSampleId :

ROCK-FINES-QA/QC-COMPMS

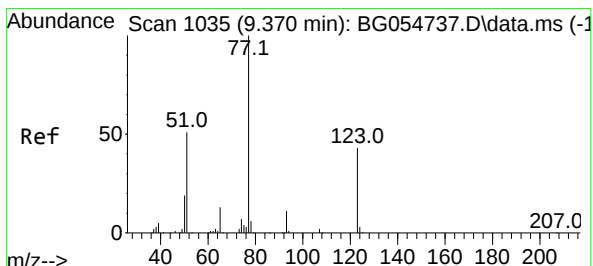
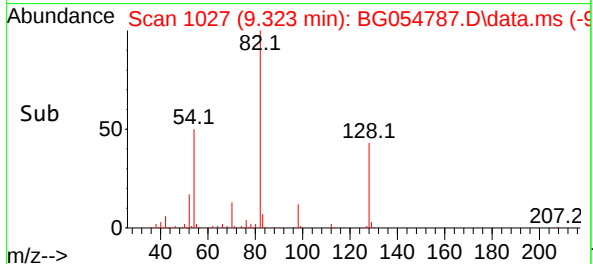
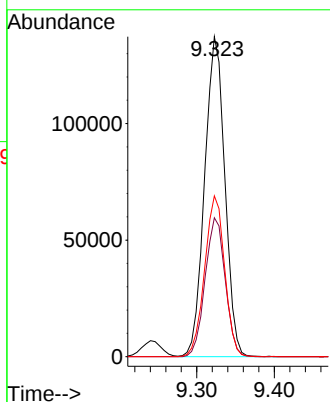
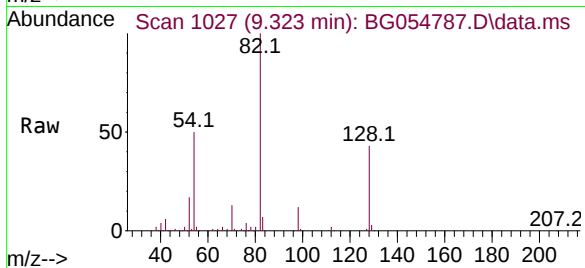
Tgt Ion: 82 Resp: 248437

Ion Ratio Lower Upper

82 100

128 43.4 32.2 48.2

54 50.3 41.4 62.0



#24

Nitrobenzene

Concen: 43.996 ng

RT: 9.370 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BG054787.D

Acq: 30 Aug 2022 13:05

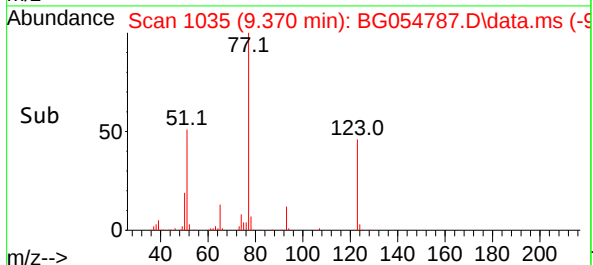
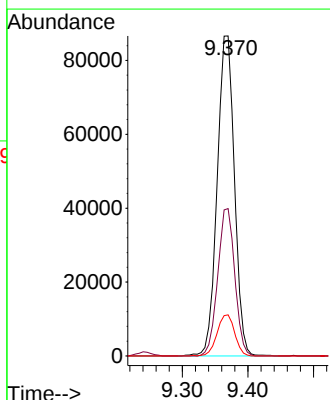
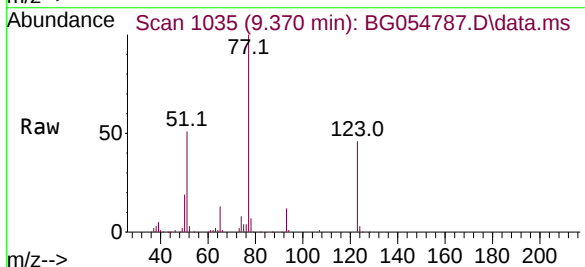
Tgt Ion: 77 Resp: 157836

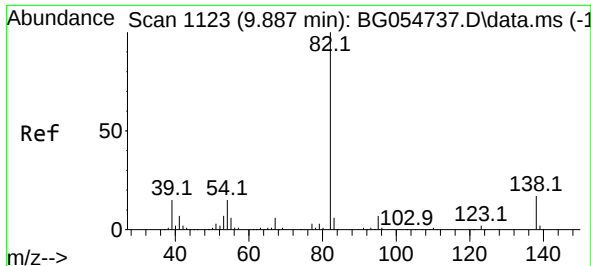
Ion Ratio Lower Upper

77 100

123 46.1 35.0 52.6

65 12.9 10.2 15.2

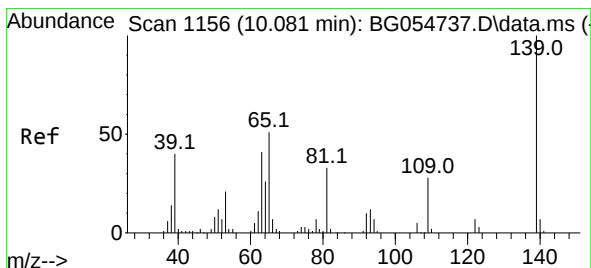
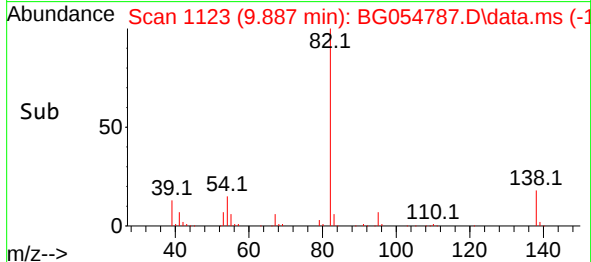
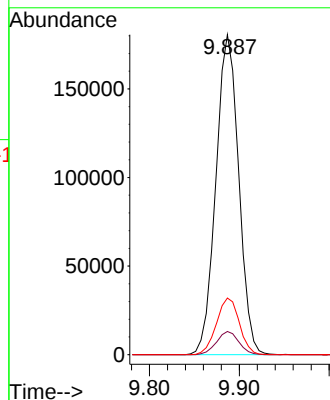
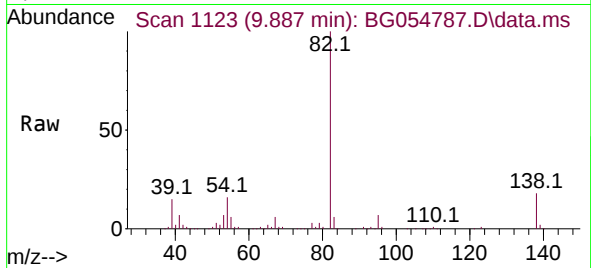




#25
Isophorone
Concen: 48.026 ng
RT: 9.887 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

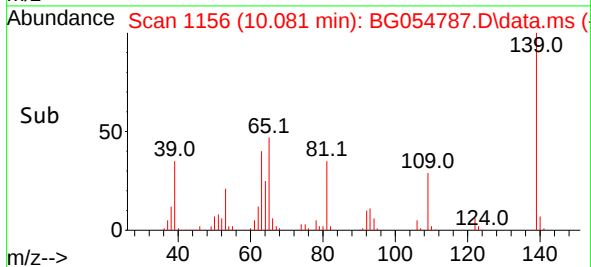
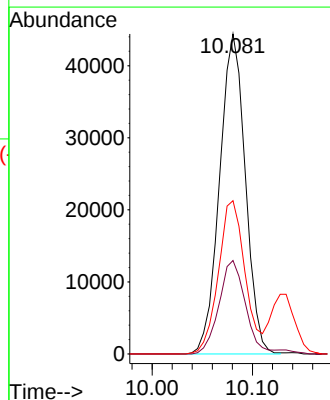
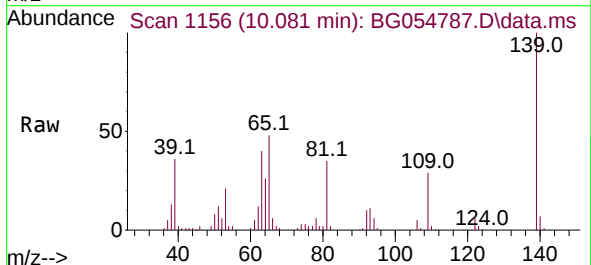
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

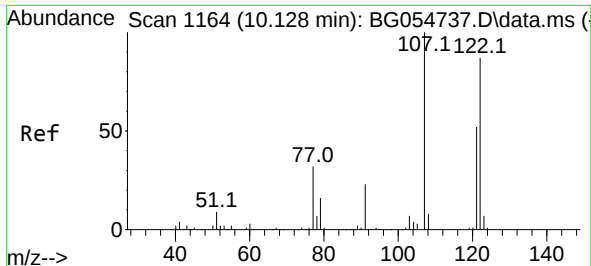
Tgt Ion: 82 Resp: 318726
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 17.7 13.9 20.9



#26
2-Nitrophenol
Concen: 49.917 ng
RT: 10.081 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:139 Resp: 79103
Ion Ratio Lower Upper
139 100
109 29.2 21.8 32.6
65 47.9 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 56.096 ng

RT: 10.128 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BG054787.D

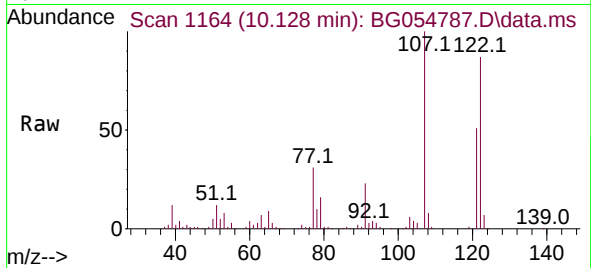
Acq: 30 Aug 2022 13:05

Instrument :

BNA_G

ClientSampleId :

ROCK-FINES-QA/QC-COMPMS



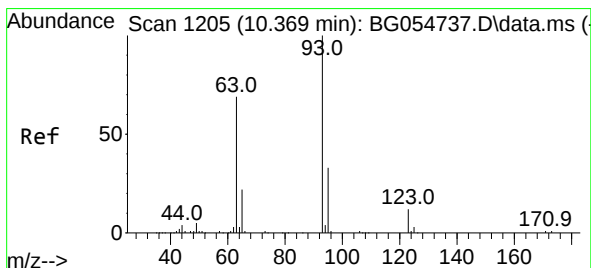
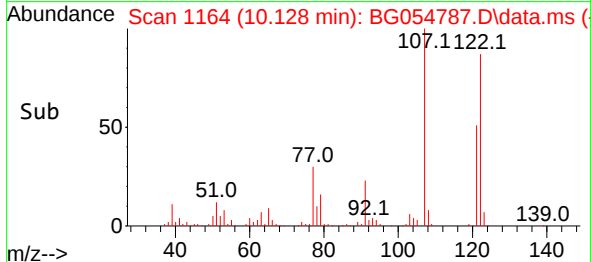
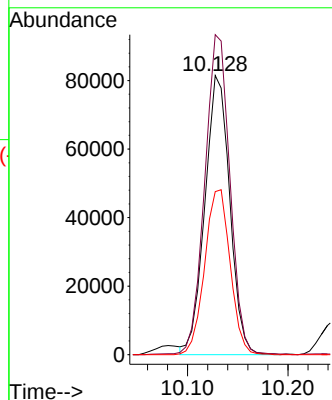
Tgt Ion:122 Resp: 140847

Ion Ratio Lower Upper

122 100

107 114.6 94.6 142.0

121 58.4 49.8 74.6



#28

bis(2-Chloroethoxy)methane

Concen: 50.342 ng

RT: 10.368 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BG054787.D

Acq: 30 Aug 2022 13:05

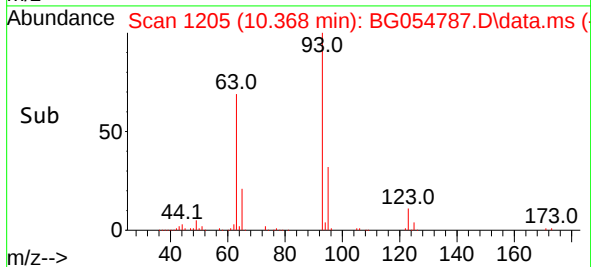
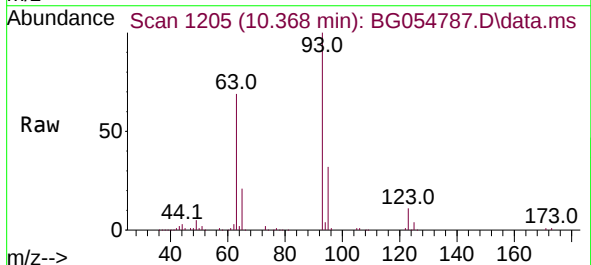
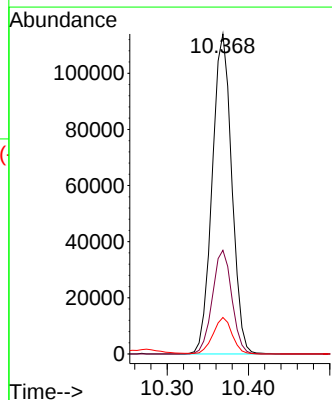
Tgt Ion: 93 Resp: 190374

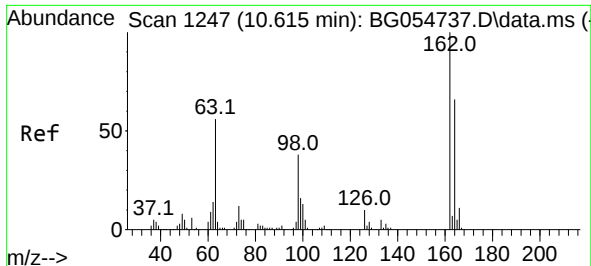
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 11.4 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 51.708 ng

RT: 10.615 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG054787.D

Acq: 30 Aug 2022 13:05

Instrument :

BNA_G

ClientSampleId :

ROCK-FINES-QA/QC-COMPMS

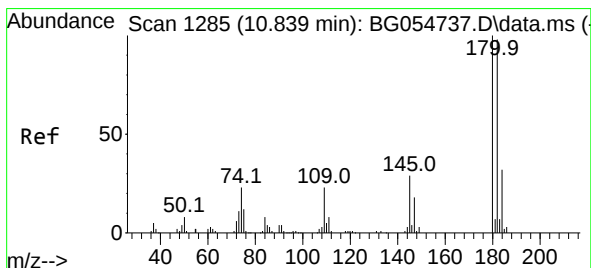
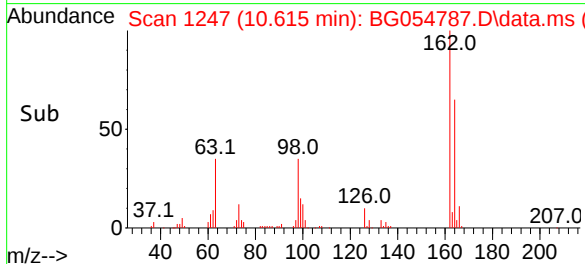
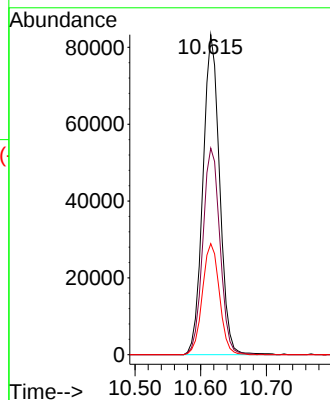
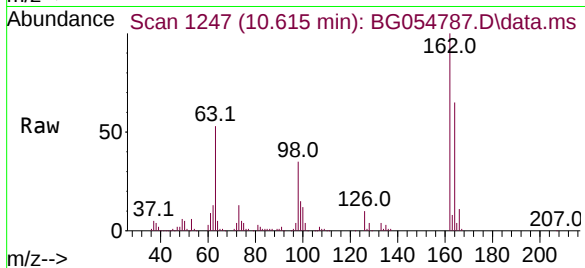
Tgt Ion:162 Resp: 147668

Ion Ratio Lower Upper

162 100

164 64.5 47.2 87.2

98 34.7 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 45.353 ng

RT: 10.833 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BG054787.D

Acq: 30 Aug 2022 13:05

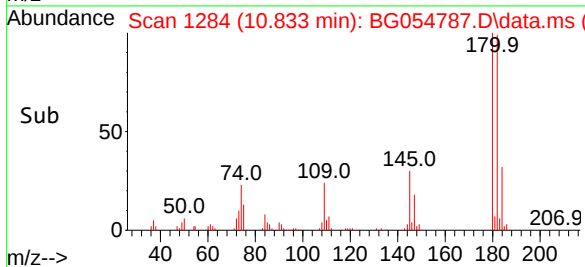
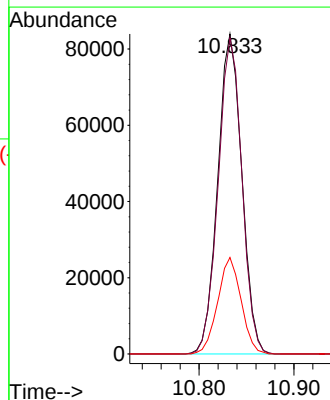
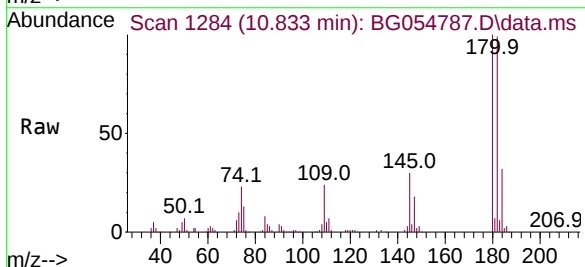
Tgt Ion:180 Resp: 148015

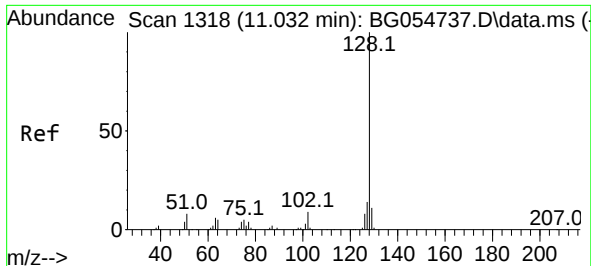
Ion Ratio Lower Upper

180 100

182 98.8 77.0 115.6

145 30.2 24.0 36.0

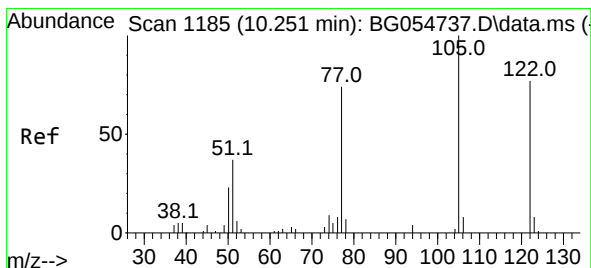
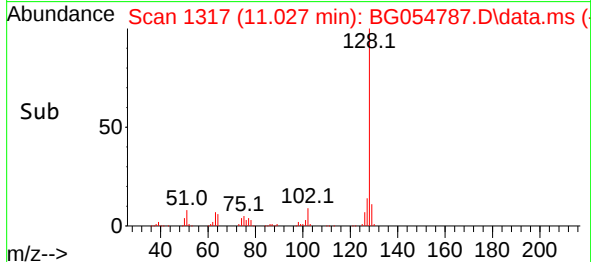
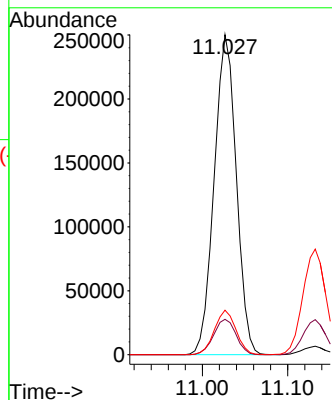
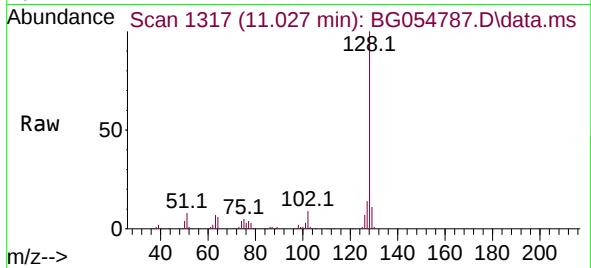




#31
Naphthalene
Concen: 44.935 ng
RT: 11.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

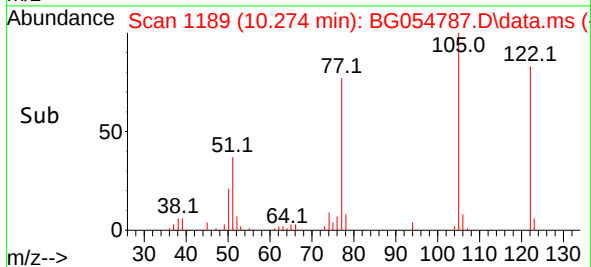
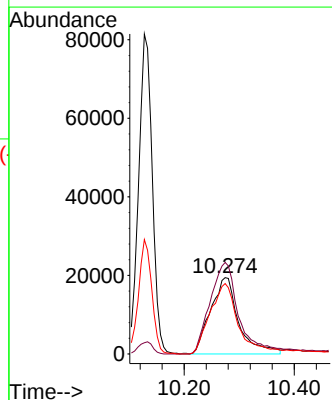
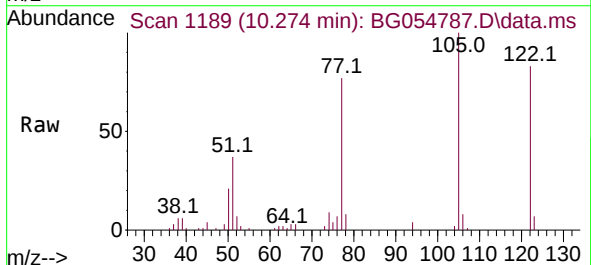
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

Tgt Ion:128 Resp: 450460
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 40.190 ng
RT: 10.274 min Scan# 1189
Delta R.T. 0.023 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:122 Resp: 69325
Ion Ratio Lower Upper
122 100
105 119.9 101.5 141.5
77 92.1 69.3 109.3

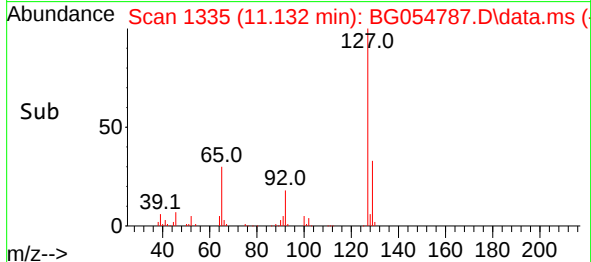
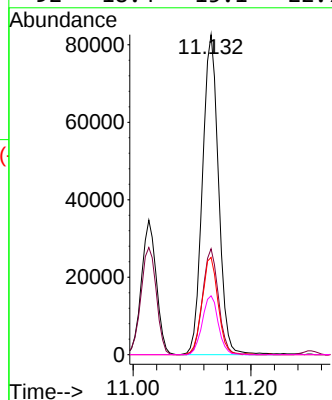
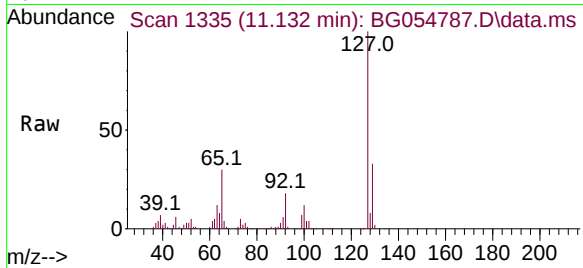




#33
4-Chloroaniline
Concen: 38.429 ng
RT: 11.132 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

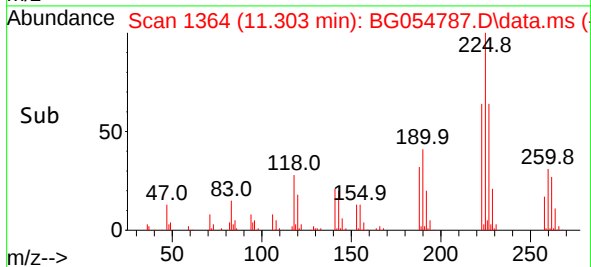
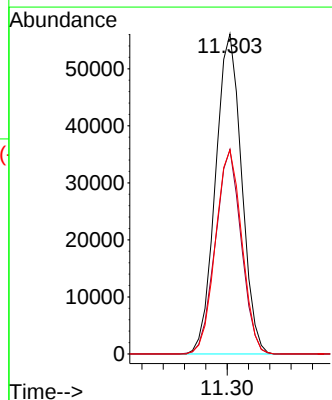
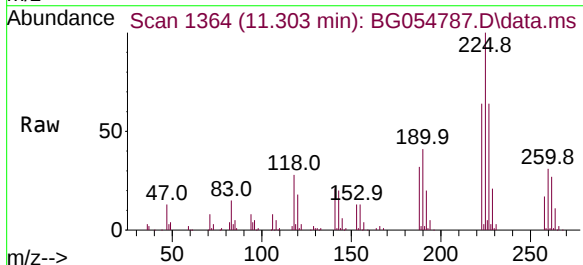
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

Tgt Ion:127	Resp: 157055
Ion Ratio	Lower Upper
127 100	
129 33.1	26.0 39.0
65 30.4	25.8 38.8
92 18.4	15.1 22.7



#34
Hexachlorobutadiene
Concen: 45.534 ng
RT: 11.303 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt	Ion:225	Resp:	95211
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.4	77.0
227	63.8	52.6	79.0

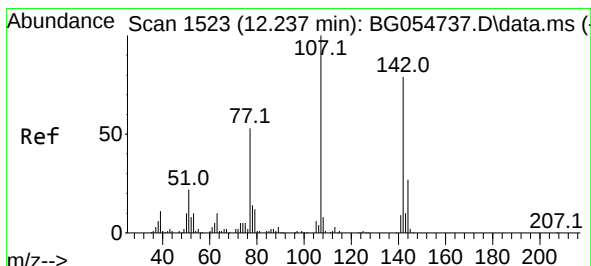
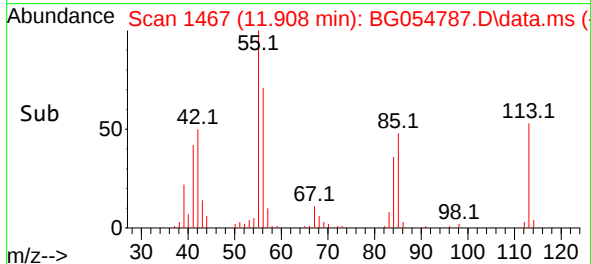
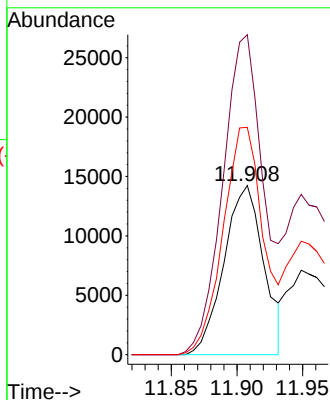
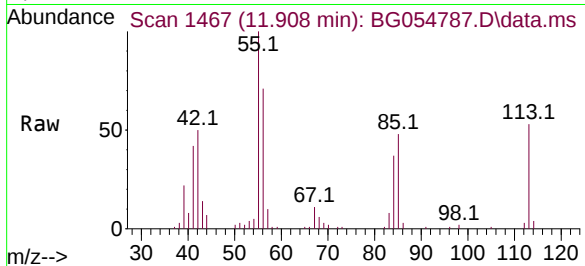




#35
 Caprolactam
 Concen: 29.785 ng
 RT: 11.908 min Scan# 1466
 Delta R.T. 0.006 min
 Lab File: BG054787.D
 Acq: 30 Aug 2022 13:05

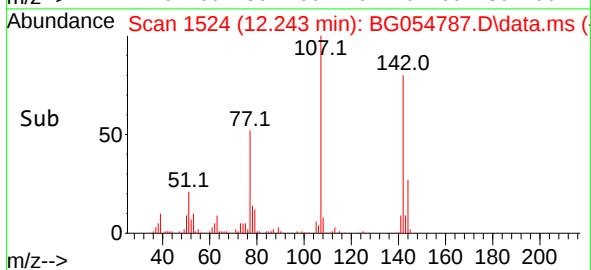
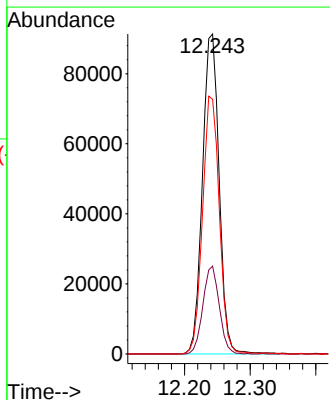
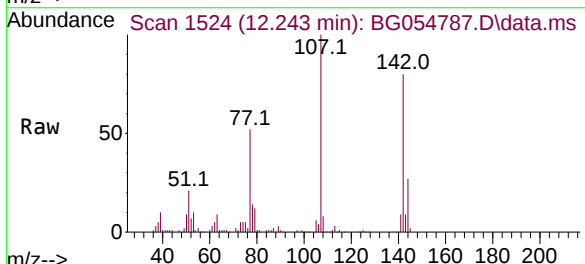
Instrument :
 BNA_G
 ClientSampleId :
 ROCK-FINES-QA/QC-COMPMS

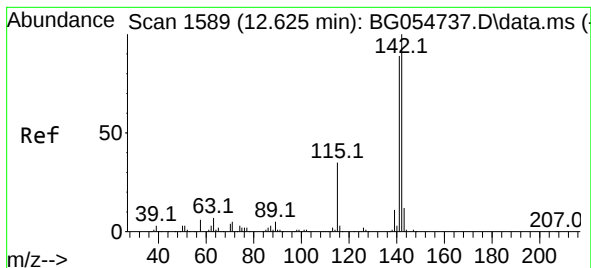
Tgt Ion:113 Resp: 30009
 Ion Ratio Lower Upper
 113 100
 55 189.3 179.1 219.1
 56 134.5 120.8 160.8



#36
 4-Chloro-3-methylphenol
 Concen: 51.809 ng
 RT: 12.243 min Scan# 1524
 Delta R.T. 0.006 min
 Lab File: BG054787.D
 Acq: 30 Aug 2022 13:05

Tgt Ion:107 Resp: 161798
 Ion Ratio Lower Upper
 107 100
 144 27.4 22.4 33.6
 142 79.6 65.8 98.8

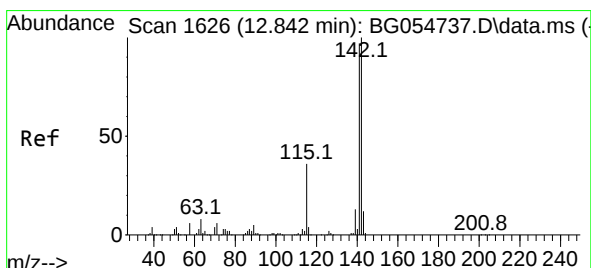
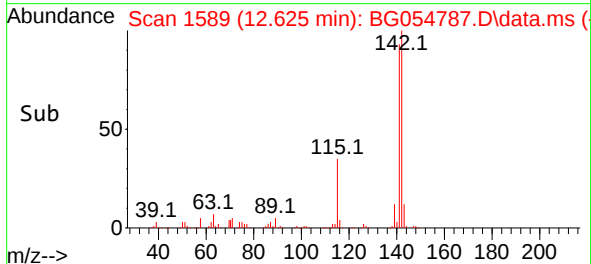
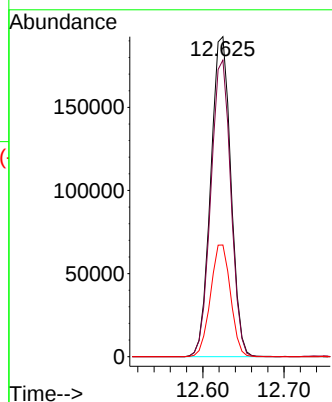
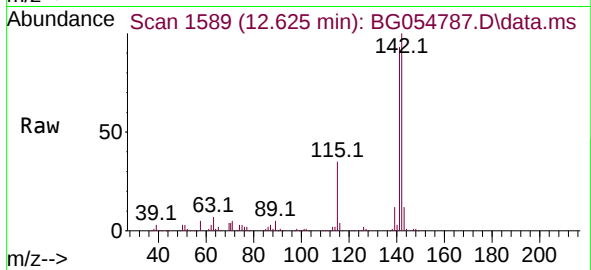




#37
2-Methylnaphthalene
Concen: 47.174 ng
RT: 12.625 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

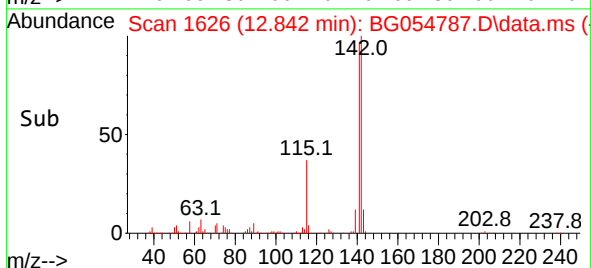
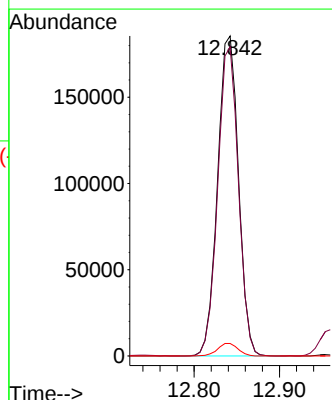
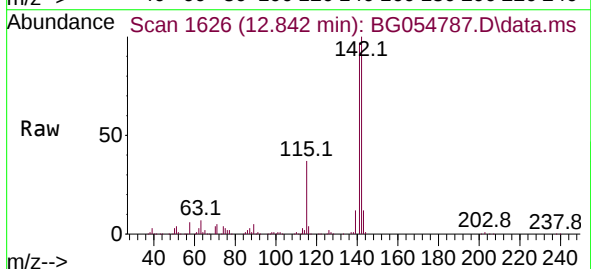
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

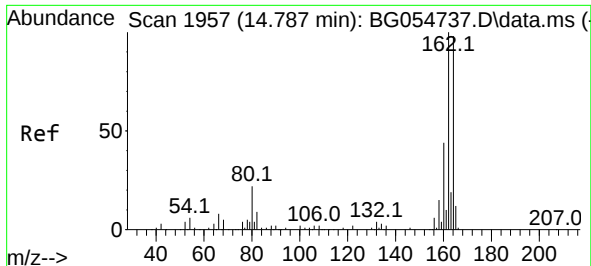
Tgt Ion:142 Resp: 331454
Ion Ratio Lower Upper
142 100
141 92.7 73.0 109.4
115 34.9 27.3 40.9



#38
1-Methylnaphthalene
Concen: 46.242 ng
RT: 12.842 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:142 Resp: 316114
Ion Ratio Lower Upper
142 100
141 96.6 77.4 116.0
116 3.9 3.0 4.4

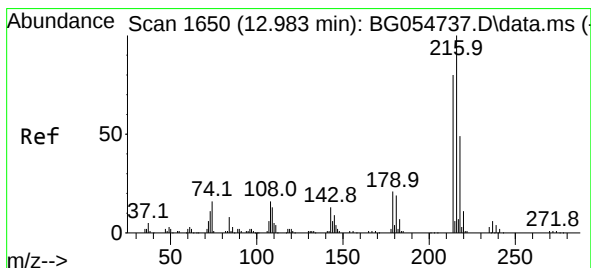
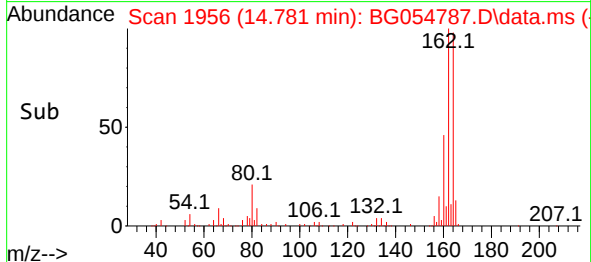
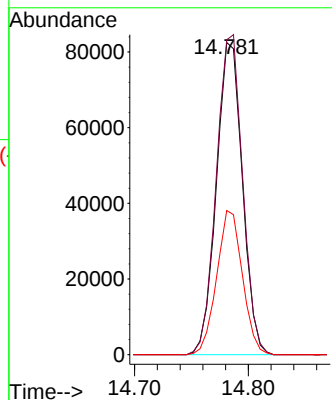
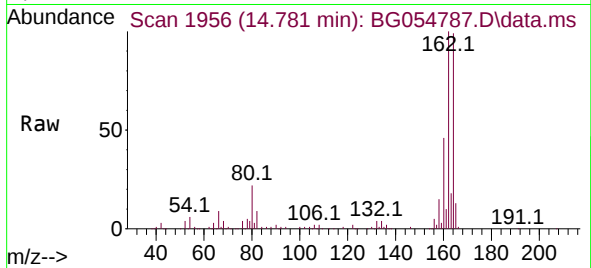




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

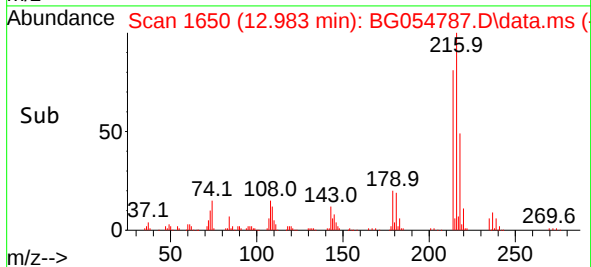
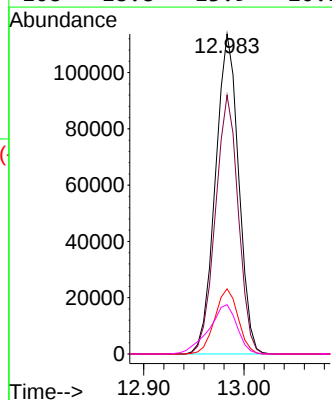
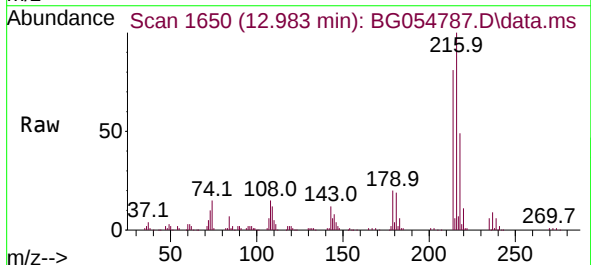
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

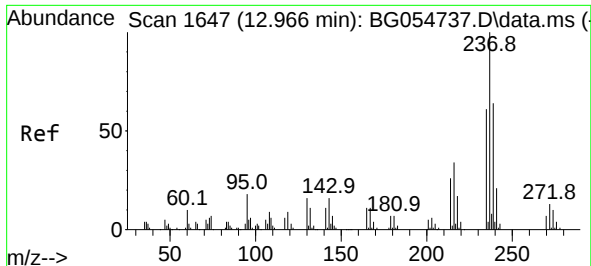
Tgt Ion:164 Resp: 130779
Ion Ratio Lower Upper
164 100
162 100.9 83.0 124.4
160 46.2 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.369 ng
RT: 12.983 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

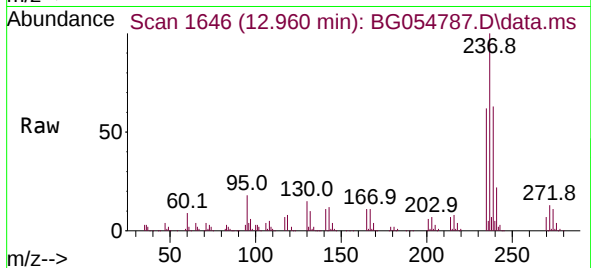
Tgt Ion:216 Resp: 182797
Ion Ratio Lower Upper
216 100
214 79.5 63.2 94.8
179 20.4 16.5 24.7
108 18.8 13.9 20.9



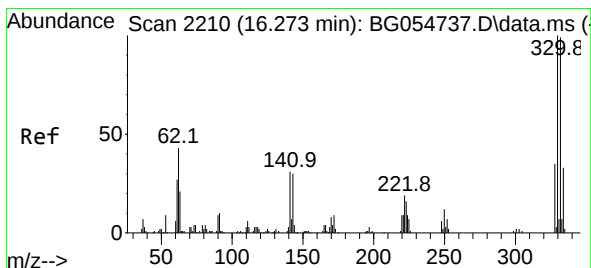
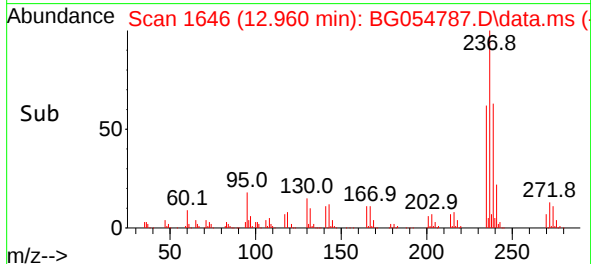
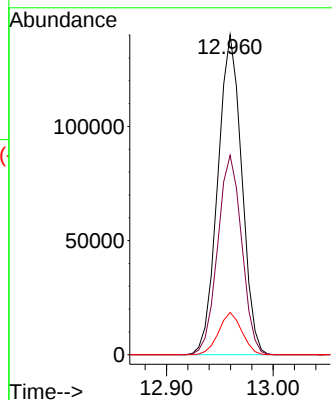


#41
Hexachlorocyclopentadiene
Concen: 104.651 ng
RT: 12.960 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

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

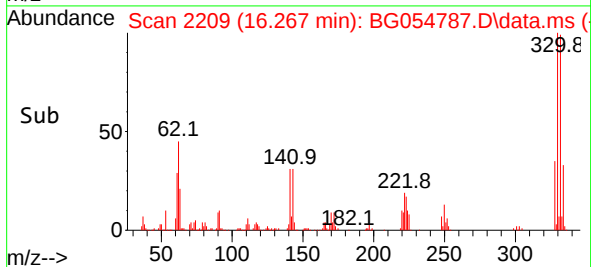
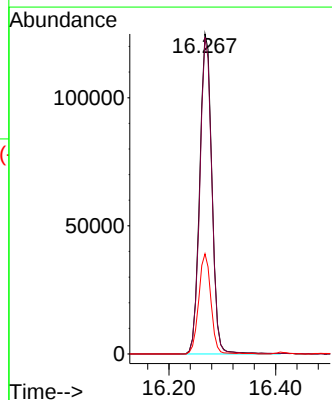
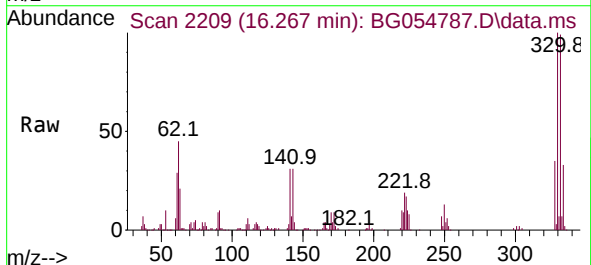


Tgt Ion:237 Resp: 218794
Ion Ratio Lower Upper
237 100
235 62.3 42.2 82.2
272 13.2 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 120.933 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:330 Resp: 197625
Ion Ratio Lower Upper
330 100
332 96.8 79.8 119.6
141 31.3 26.8 40.2

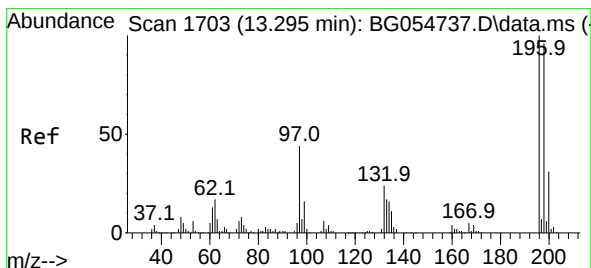
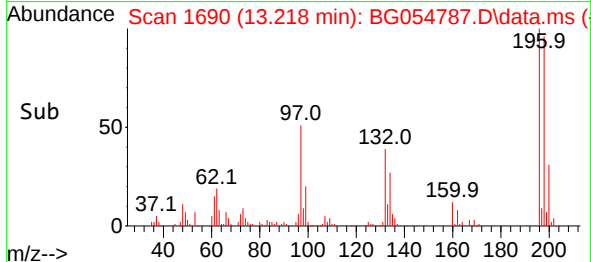
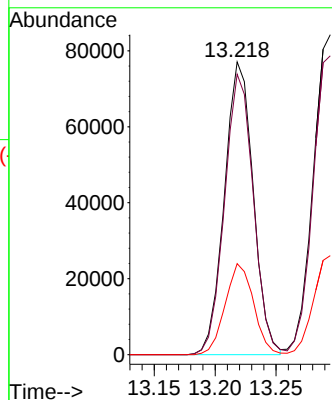
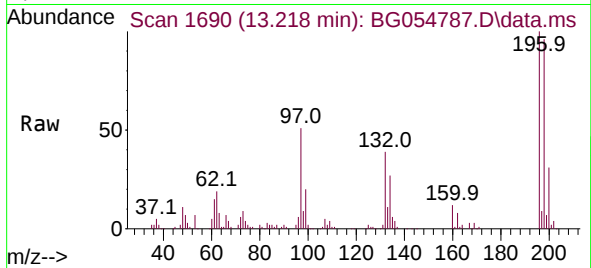




#43
2,4,6-Trichlorophenol
Concen: 48.498 ng
RT: 13.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

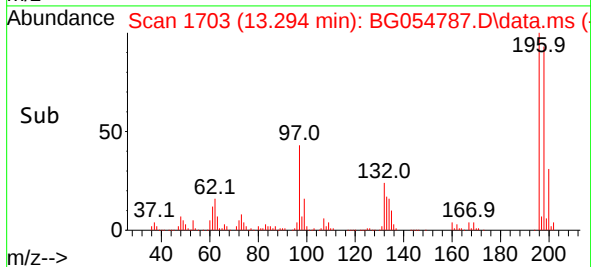
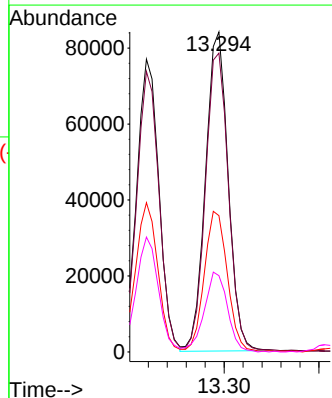
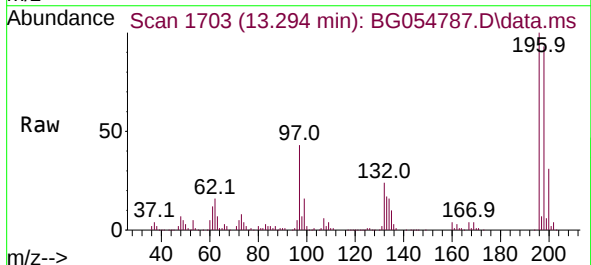
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

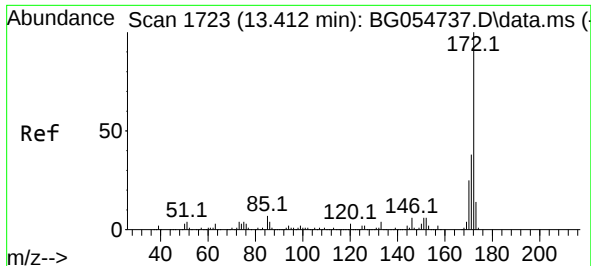
Tgt Ion:196 Resp: 126903
Ion Ratio Lower Upper
196 100
198 95.8 77.1 115.7
200 31.1 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 47.349 ng
RT: 13.294 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:196 Resp: 139142
Ion Ratio Lower Upper
196 100
198 93.4 76.7 115.1
97 42.6 36.6 55.0
132 23.9 19.5 29.3

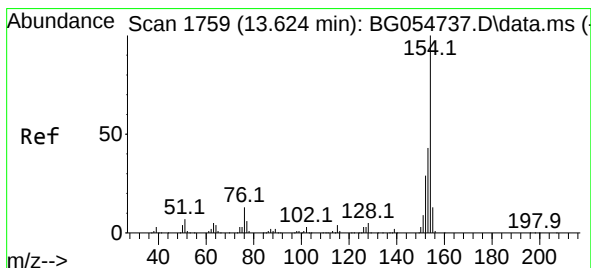
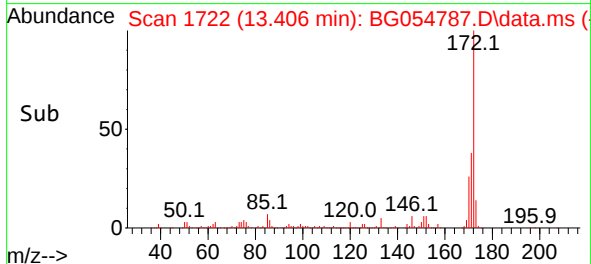
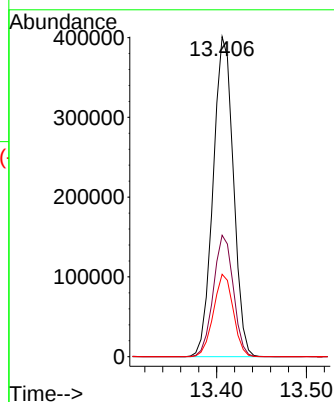
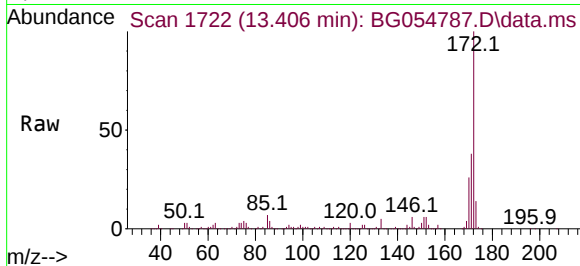




#45
2-Fluorobiphenyl
Concen: 72.141 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

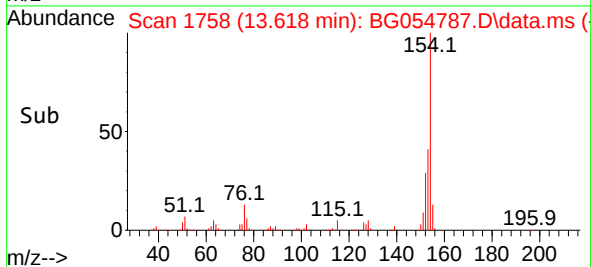
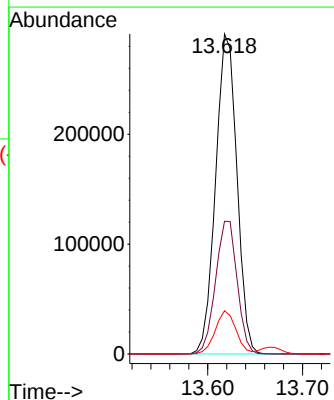
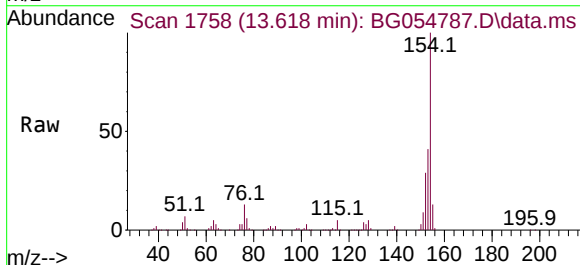
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

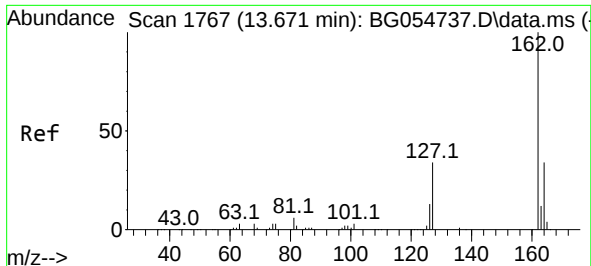
Tgt Ion:172 Resp: 627704
Ion Ratio Lower Upper
172 100
171 38.0 31.2 46.8
170 25.7 20.6 30.8



#46
1,1'-Biphenyl
Concen: 46.850 ng
RT: 13.618 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:154 Resp: 454989
Ion Ratio Lower Upper
154 100
153 41.4 22.2 62.2
76 13.5 0.0 34.0

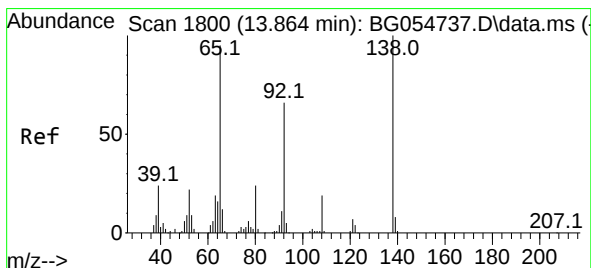
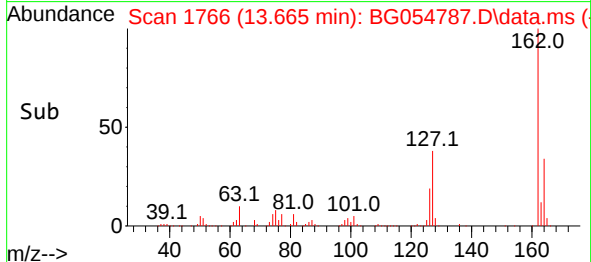
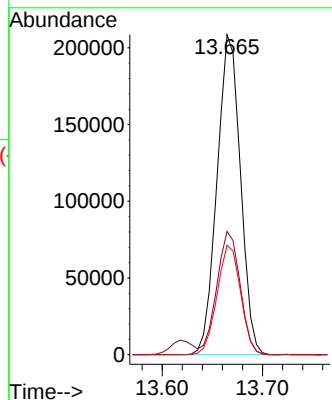
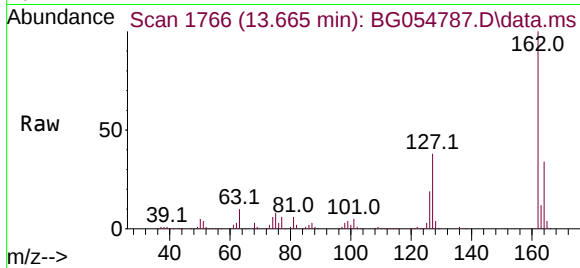




#47
2-Chloronaphthalene
Concen: 45.737 ng
RT: 13.665 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

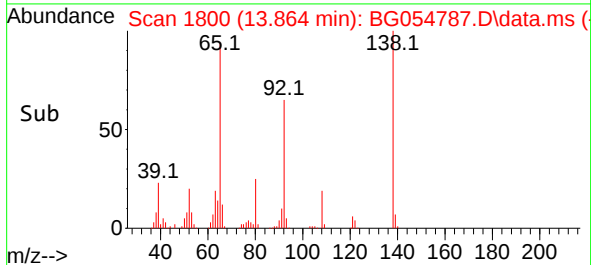
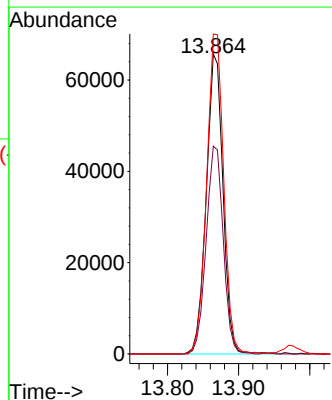
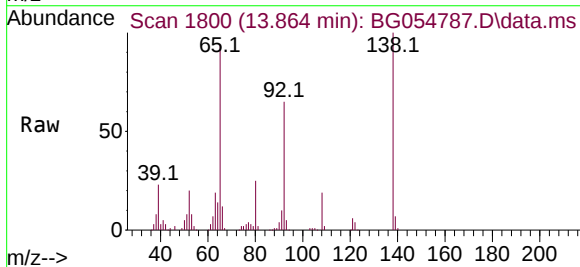
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

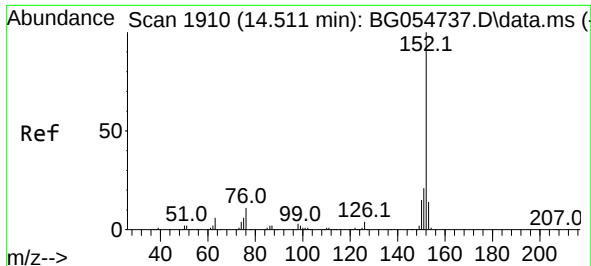
Tgt Ion:162 Resp: 337336
Ion Ratio Lower Upper
162 100
127 38.5 31.5 47.3
164 34.1 27.8 41.6



#48
2-Nitroaniline
Concen: 46.562 ng
RT: 13.864 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion: 65 Resp: 107627
Ion Ratio Lower Upper
65 100
92 69.3 54.7 82.1
138 106.7 84.1 126.1

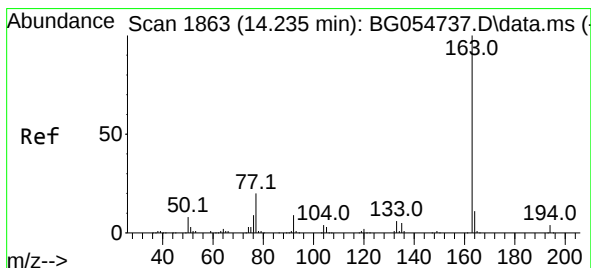
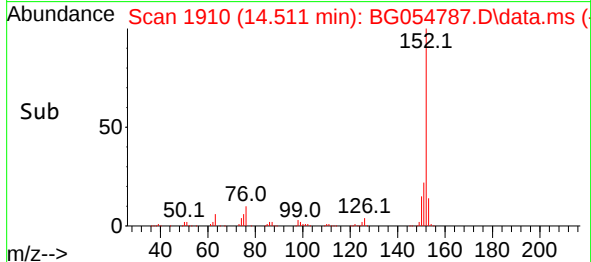
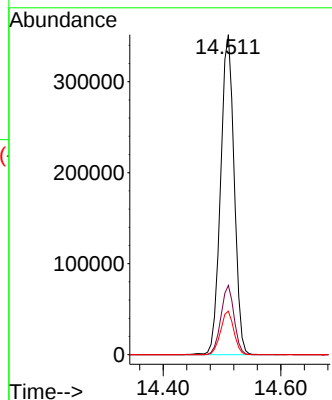
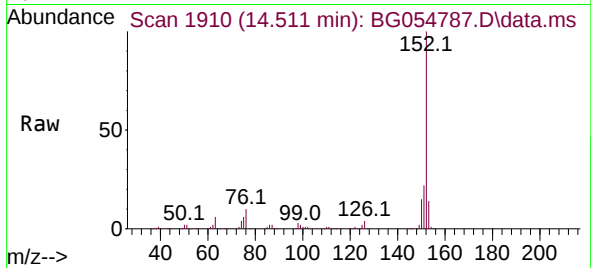




#49
Acenaphthylene
Concen: 46.237 ng
RT: 14.511 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

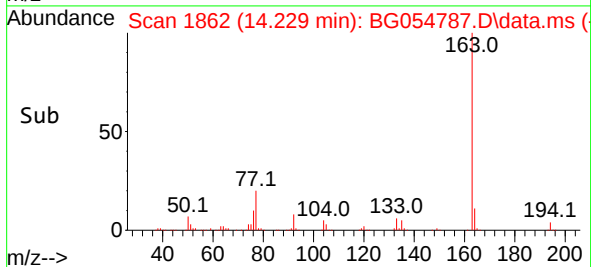
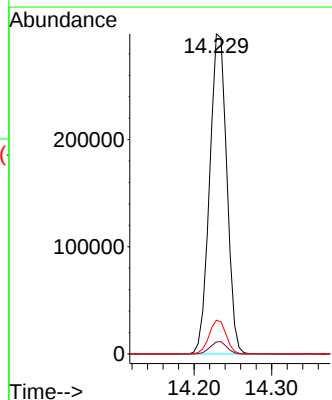
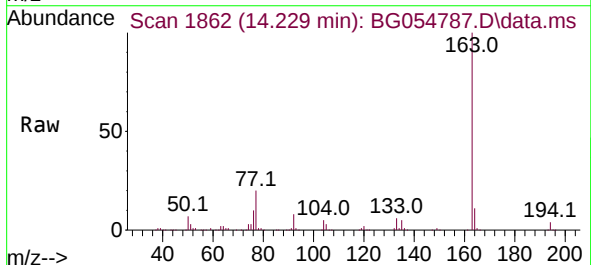
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

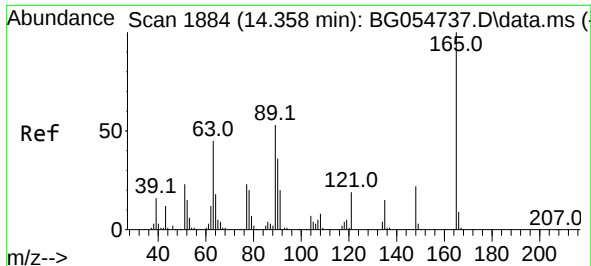
Tgt Ion:152 Resp: 562758
Ion Ratio Lower Upper
152 100
151 21.6 17.3 25.9
153 13.6 10.8 16.2



#50
Dimethylphthalate
Concen: 45.617 ng
RT: 14.229 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:163 Resp: 459602
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.6 8.0 12.0

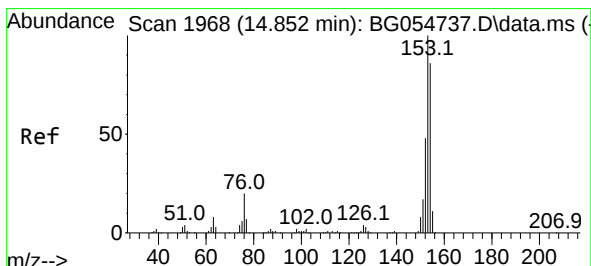
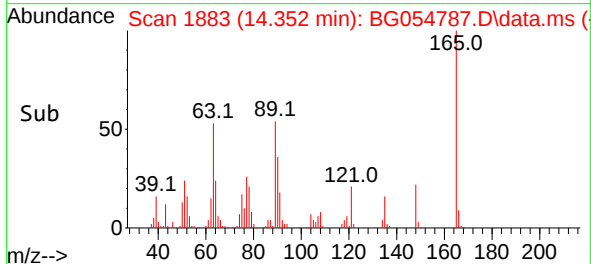
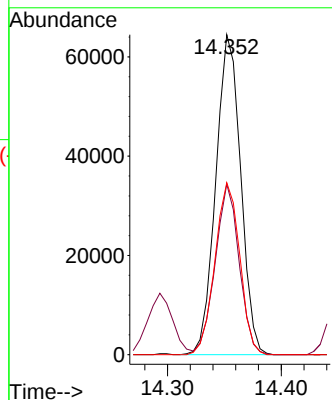
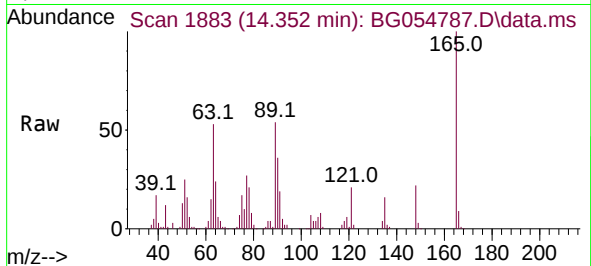




#51
2,6-Dinitrotoluene
Concen: 47.607 ng
RT: 14.352 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

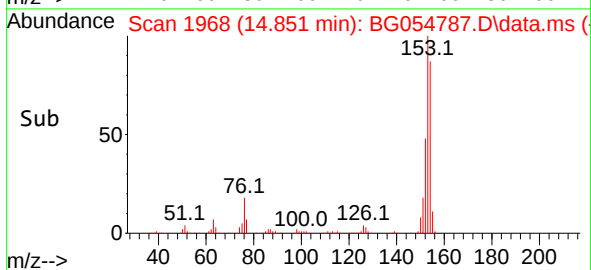
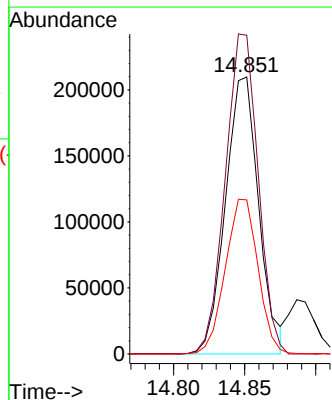
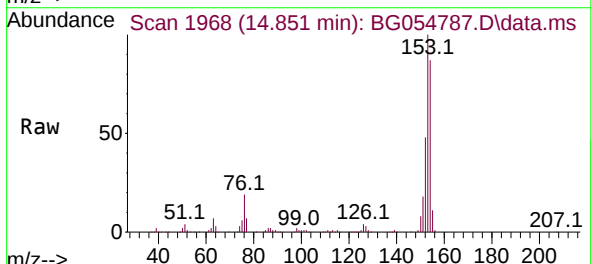
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

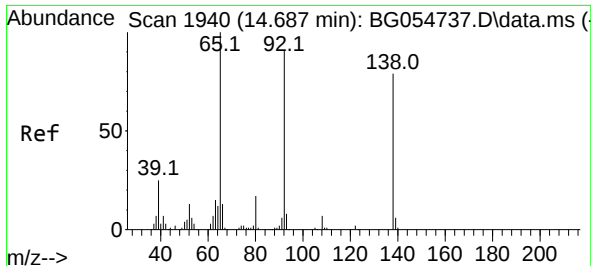
Tgt Ion:165 Resp: 98108
Ion Ratio Lower Upper
165 100
63 53.3 46.0 69.0
89 53.7 50.3 75.5



#52
Acenaphthene
Concen: 43.718 ng
RT: 14.851 min Scan# 1968
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:154 Resp: 341795
Ion Ratio Lower Upper
154 100
153 115.0 92.8 139.2
152 55.7 45.4 68.2

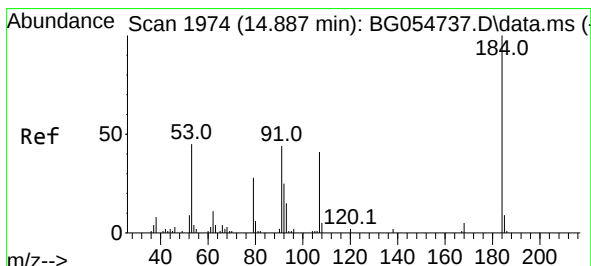
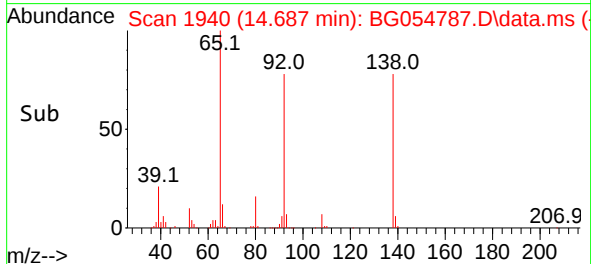
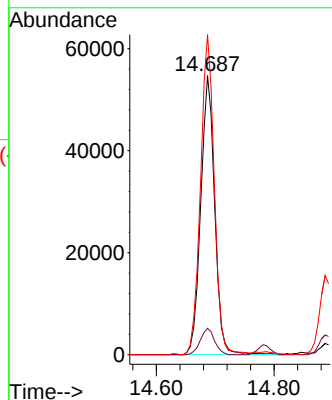
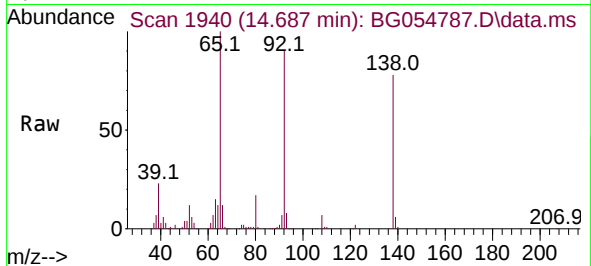




#53
3-Nitroaniline
Concen: 38.950 ng
RT: 14.687 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

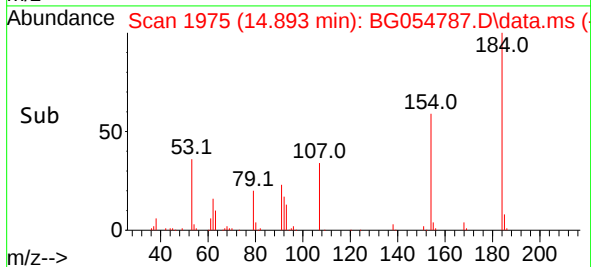
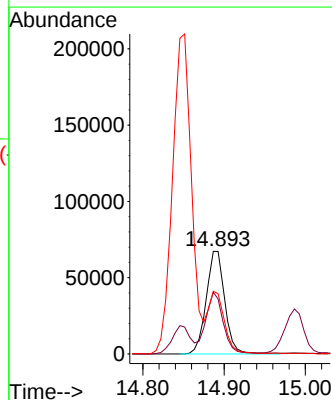
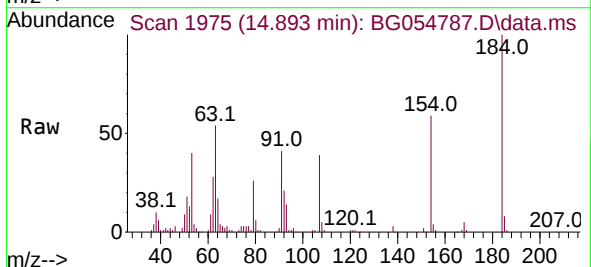
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

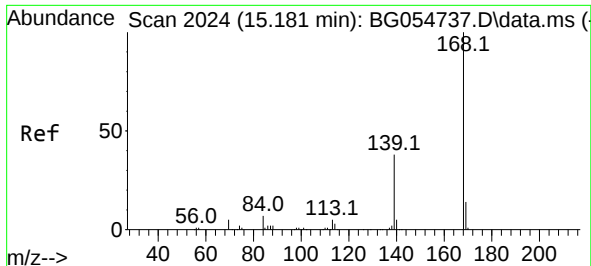
Tgt Ion:138 Resp: 89856
Ion Ratio Lower Upper
138 100
108 9.4 7.6 11.4
92 114.7 96.0 144.0



#54
2,4-Dinitrophenol
Concen: 91.004 ng
RT: 14.893 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:184 Resp: 107010
Ion Ratio Lower Upper
184 100
63 53.5 41.8 62.8
154 58.6 45.2 67.8

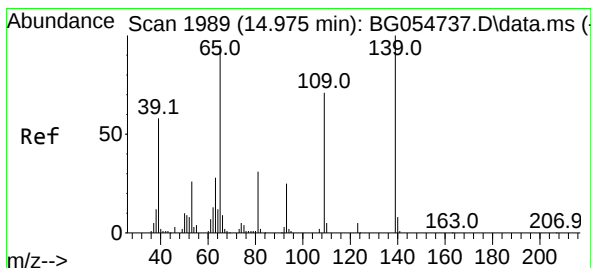
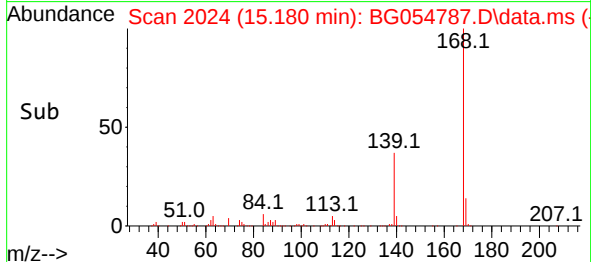
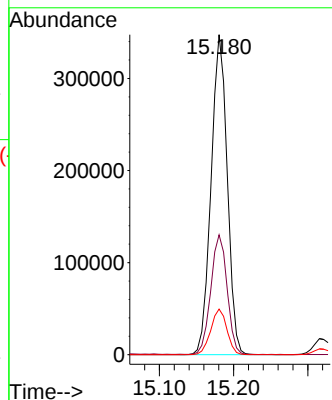
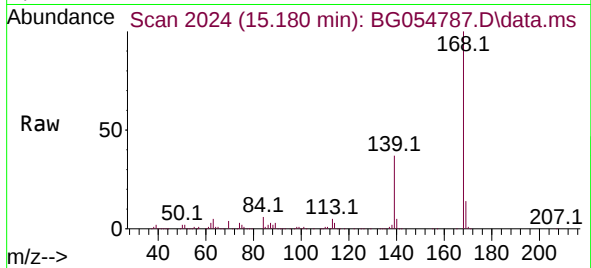




#55
Dibenzenofuran
Concen: 45.729 ng
RT: 15.180 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

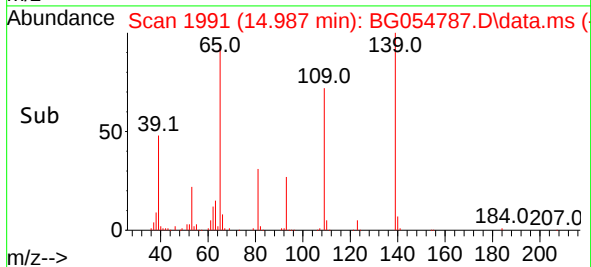
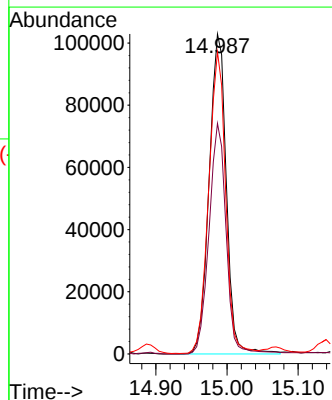
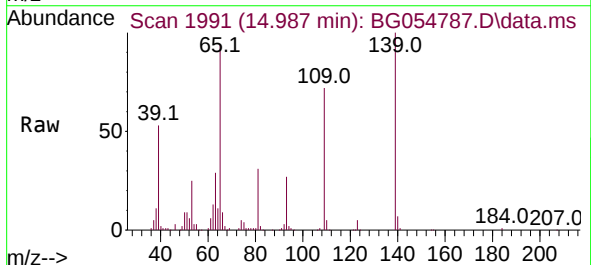
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

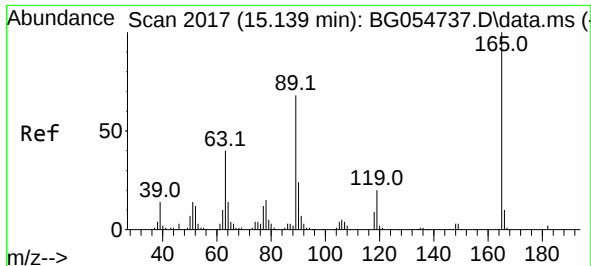
Tgt Ion:168 Resp: 525342
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.2
169 14.3 11.3 16.9



#56
4-Nitrophenol
Concen: 96.985 ng
RT: 14.987 min Scan# 1991
Delta R.T. 0.012 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:139 Resp: 173144
Ion Ratio Lower Upper
139 100
109 72.0 50.5 90.5
65 94.4 79.9 119.9

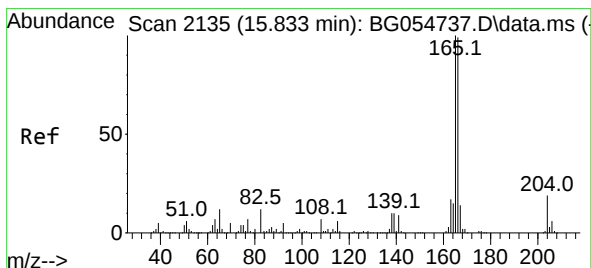
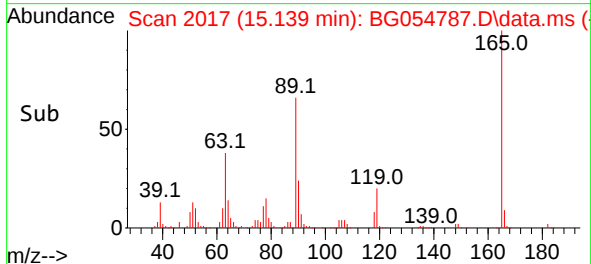
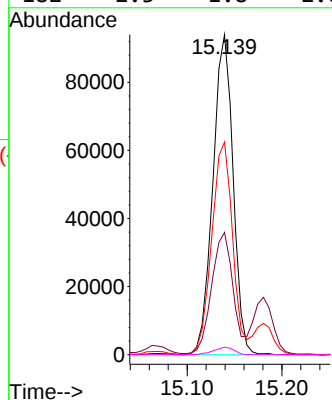
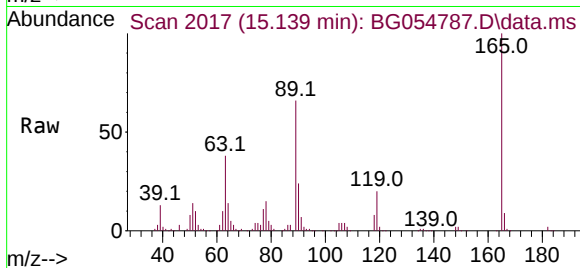




#57
2,4-Dinitrotoluene
Concen: 48.848 ng
RT: 15.139 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

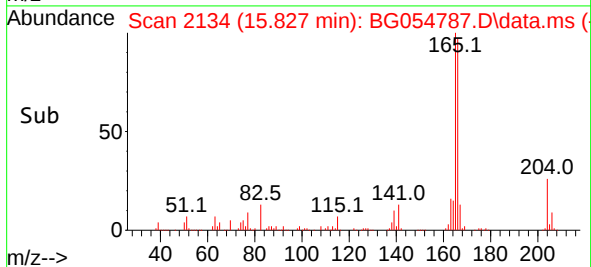
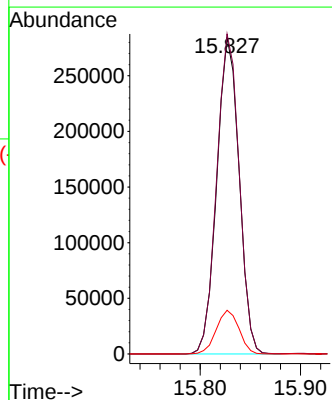
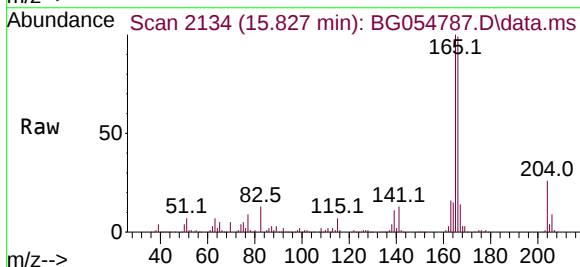
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

Tgt Ion:165 Resp: 139240
Ion Ratio Lower Upper
165 100
63 38.2 36.8 55.2
89 66.4 64.3 96.5
182 2.3 1.8 2.6



#58
Fluorene
Concen: 45.377 ng
RT: 15.827 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:166 Resp: 439155
Ion Ratio Lower Upper
166 100
165 101.1 80.8 121.2
167 13.8 11.4 17.0

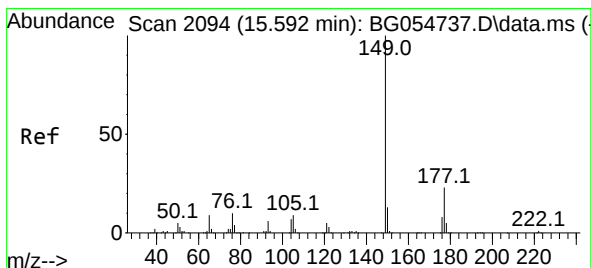
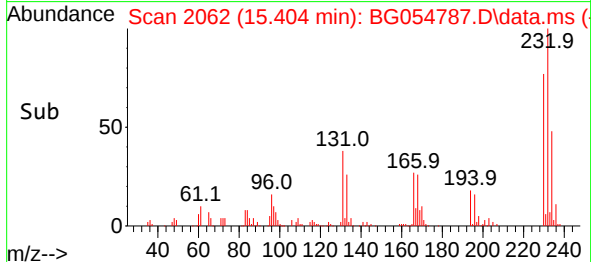
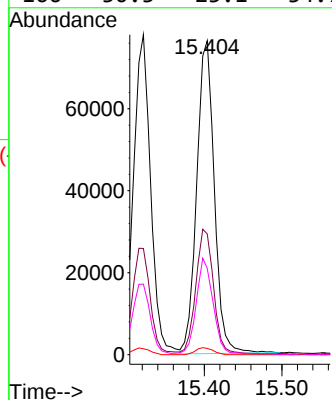
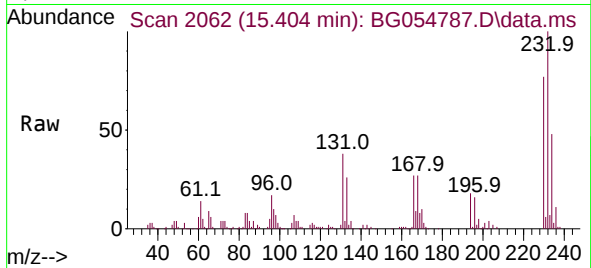




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.454 ng
RT: 15.404 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

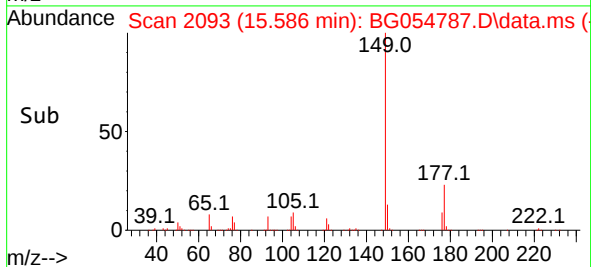
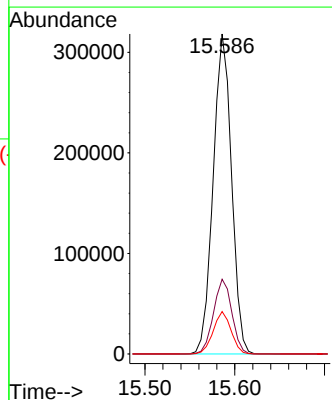
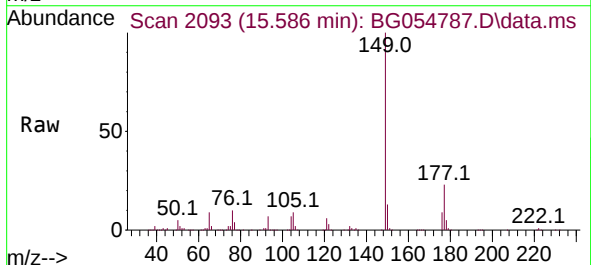
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

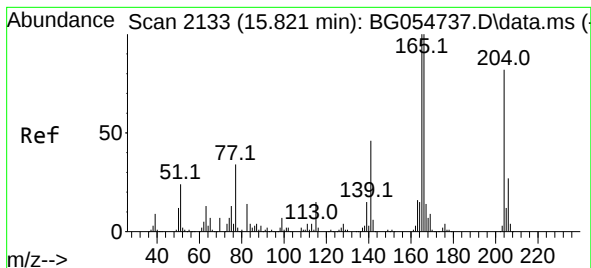
Tgt Ion:232	Resp:	120407
Ion Ratio	Lower	Upper
232	100	
131	40.3	31.3 46.9
130	2.2	1.8 2.6
166	30.3	23.1 34.7



#60
Diethylphthalate
Concen: 44.902 ng
RT: 15.586 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:149	Resp:	451752
Ion Ratio	Lower	Upper
149	100	
177	23.3	17.8 26.6
150	13.3	10.1 15.1

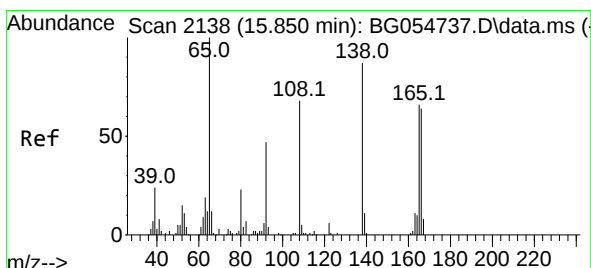
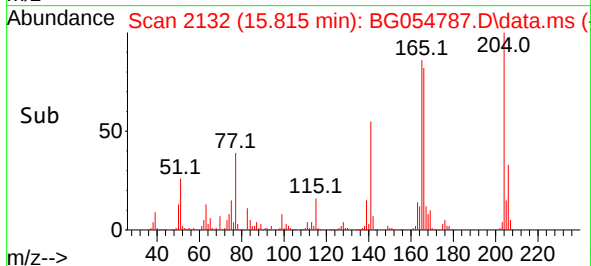
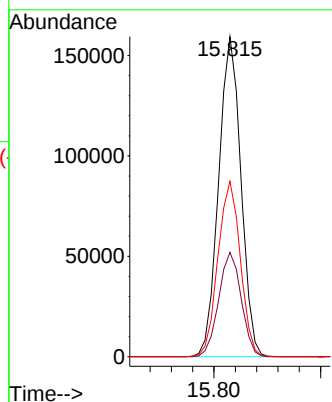
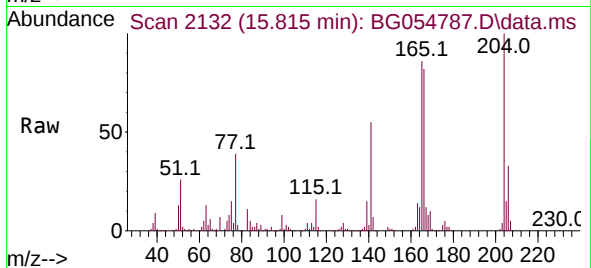




#61
4-Chlorophenyl-phenylether
Concen: 48.358 ng
RT: 15.815 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

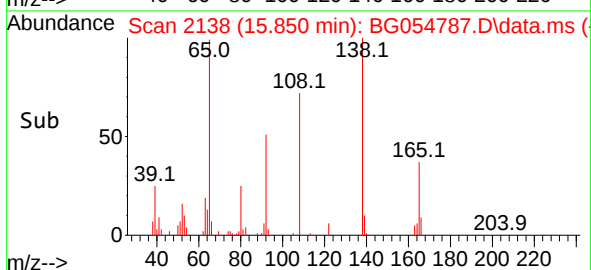
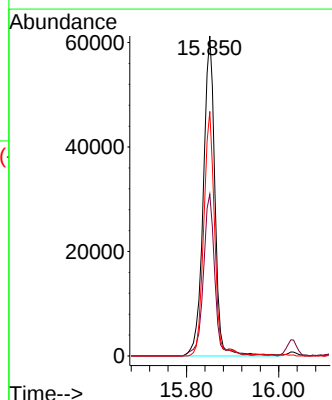
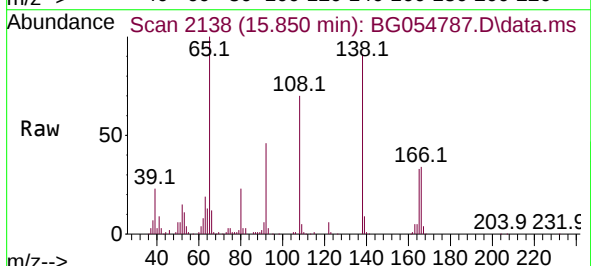
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

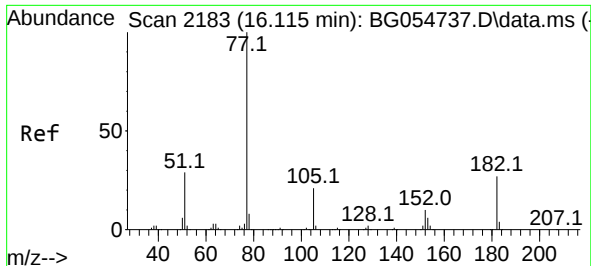
Tgt Ion:204 Resp: 230873
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 54.8 44.9 67.3



#62
4-Nitroaniline
Concen: 45.883 ng
RT: 15.850 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:138 Resp: 108071
Ion Ratio Lower Upper
138 100
92 50.6 34.7 74.7
108 76.4 56.2 96.2

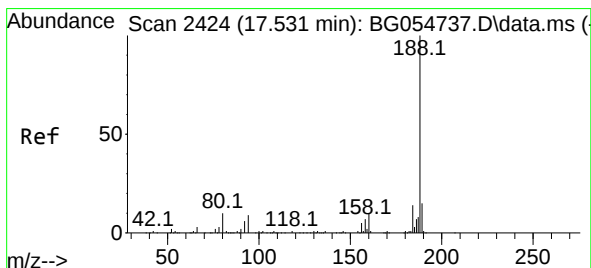
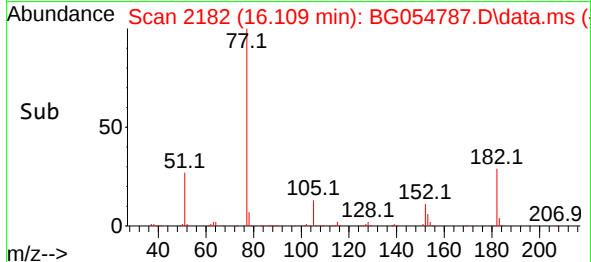
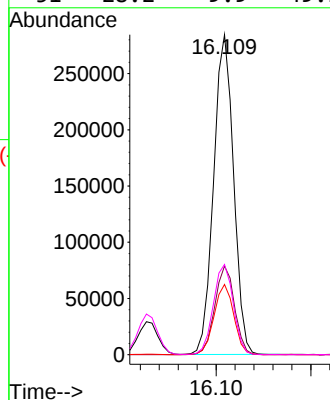
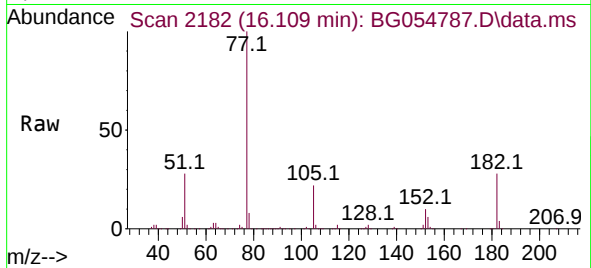




#63
Azobenzene
Concen: 43.428 ng
RT: 16.109 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

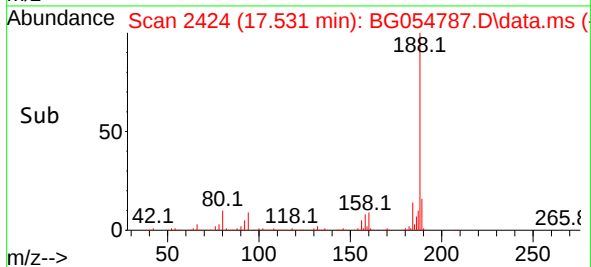
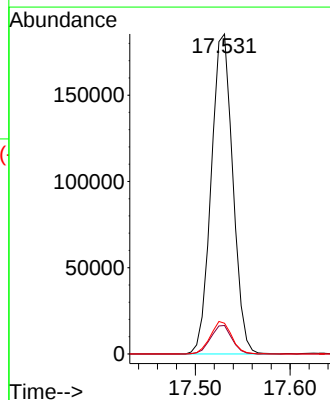
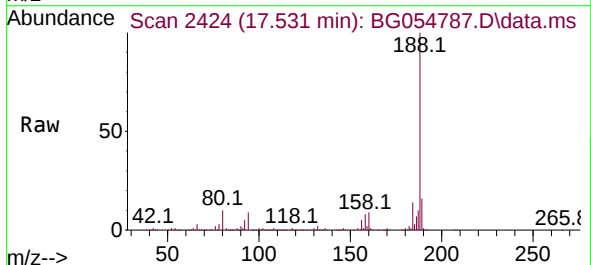
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

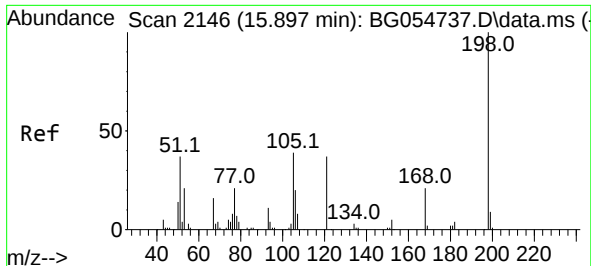
Tgt Ion: 77 Resp: 415234
Ion Ratio Lower Upper
77 100
182 27.7 5.1 45.1
105 22.0 0.7 40.7
51 28.2 9.9 49.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.531 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:188 Resp: 293269
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.6 7.9 11.9

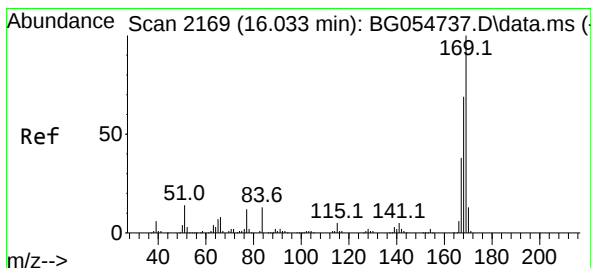
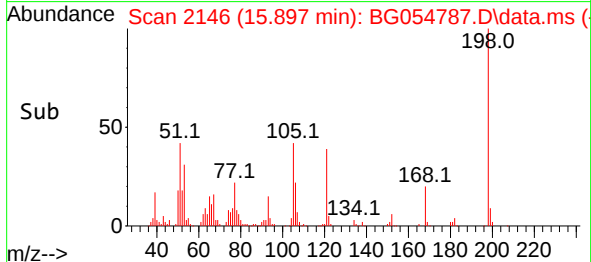
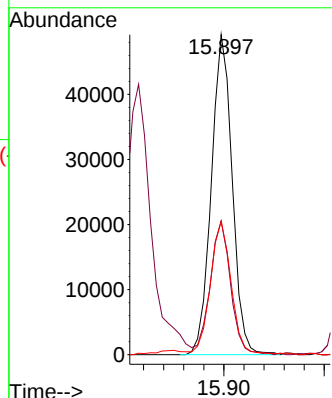
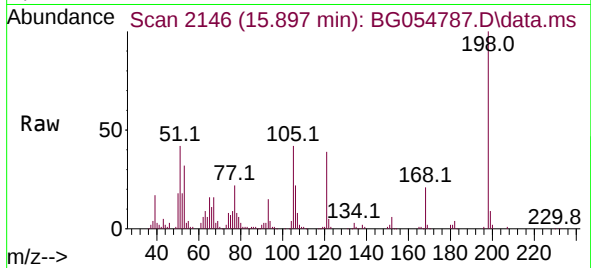




#65
4,6-Dinitro-2-methylphenol
Concen: 47.657 ng
RT: 15.897 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

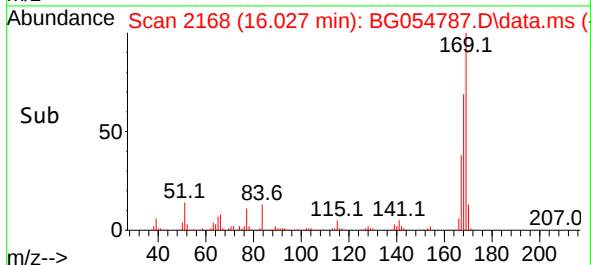
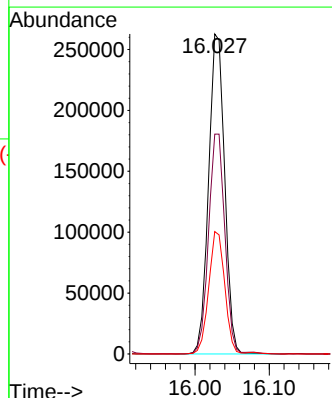
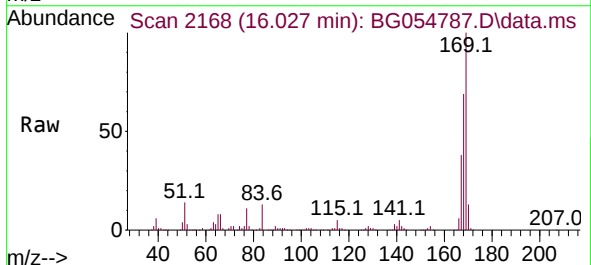
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

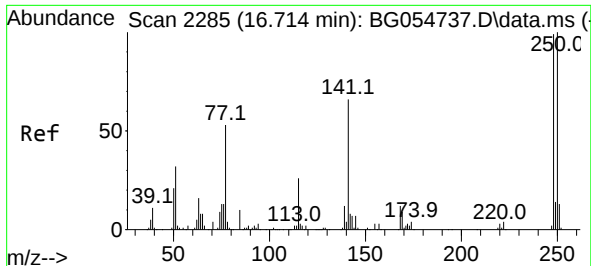
Tgt Ion:198 Resp: 71143
Ion Ratio Lower Upper
198 100
51 41.8 19.9 59.9
105 41.7 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 46.755 ng
RT: 16.027 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:169 Resp: 395428
Ion Ratio Lower Upper
169 100
168 68.7 55.6 83.4
167 38.2 30.9 46.3

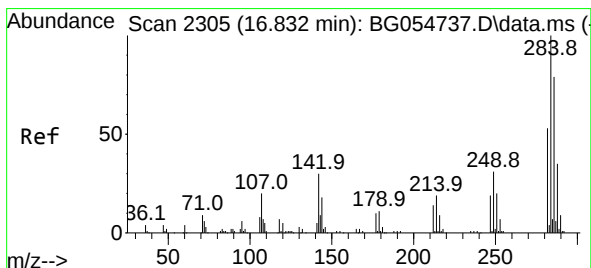
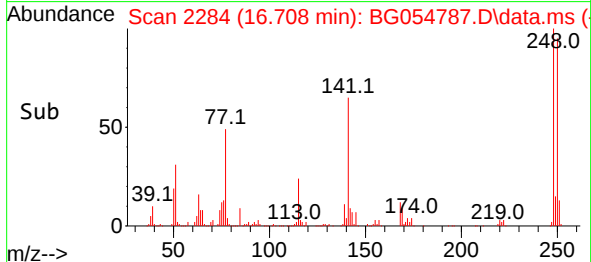
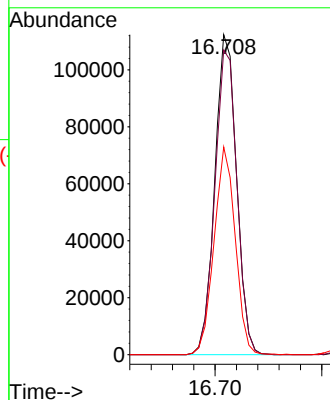
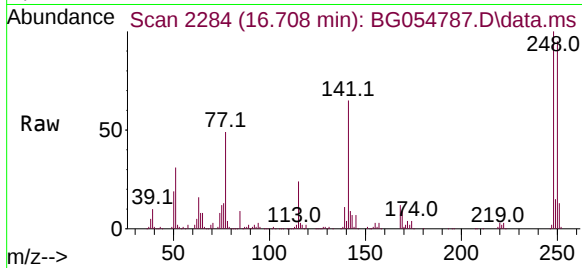




#67
4-Bromophenyl-phenylether
Concen: 49.370 ng
RT: 16.708 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

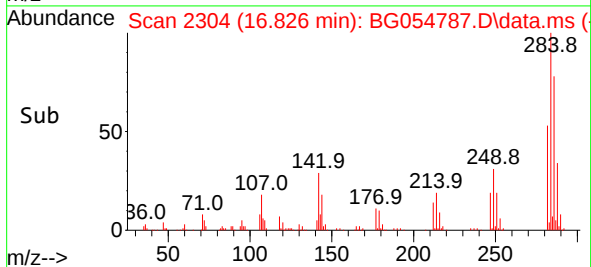
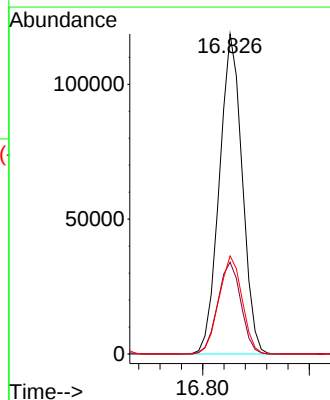
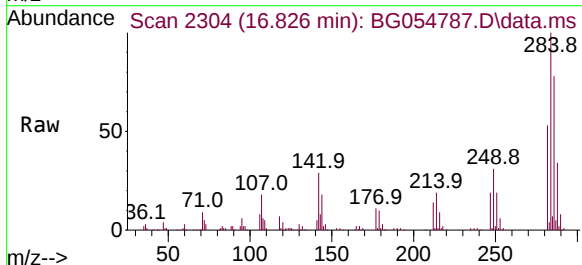
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

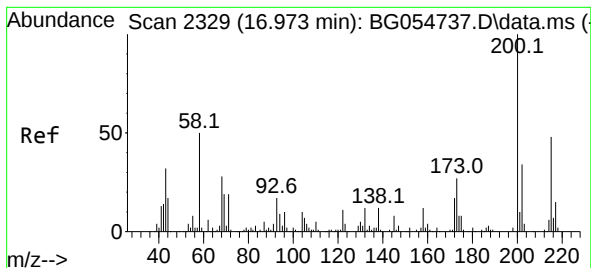
Tgt Ion:248 Resp: 158964
Ion Ratio Lower Upper
248 100
250 95.2 78.8 118.2
141 64.9 51.9 77.9



#68
Hexachlorobenzene
Concen: 48.609 ng
RT: 16.826 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:284 Resp: 175949
Ion Ratio Lower Upper
284 100
142 28.6 25.0 37.6
249 30.7 24.5 36.7





#69

Atrazine

Concen: 51.236 ng

RT: 16.973 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG054787.D

Acq: 30 Aug 2022 13:05

Instrument :

BNA_G

ClientSampleId :

ROCK-FINES-QA/QC-COMPMS

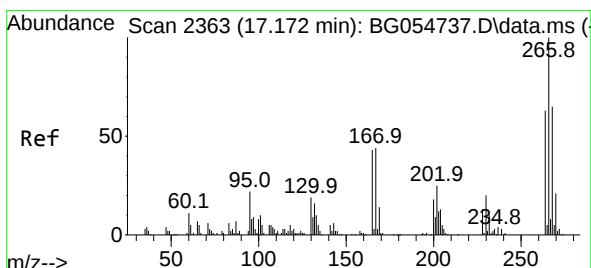
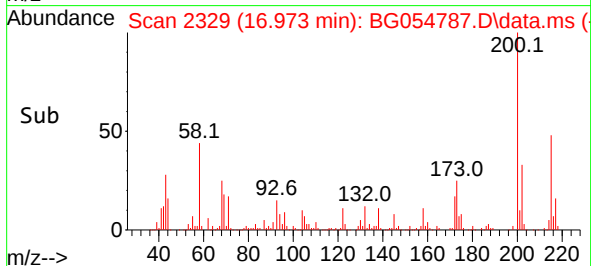
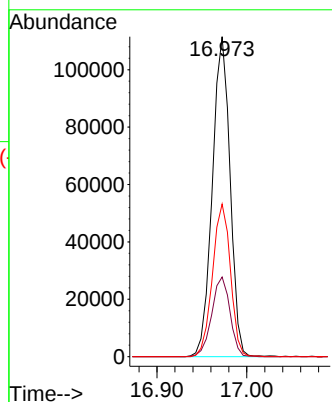
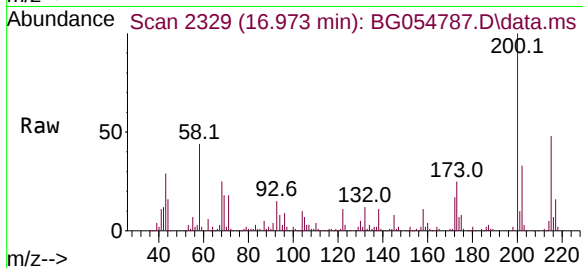
Tgt Ion:200 Resp: 152871

Ion Ratio Lower Upper

200 100

173 24.9 5.6 45.6

215 47.7 28.2 68.2



#70

Pentachlorophenol

Concen: 95.845 ng

RT: 17.172 min Scan# 2363

Delta R.T. -0.000 min

Lab File: BG054787.D

Acq: 30 Aug 2022 13:05

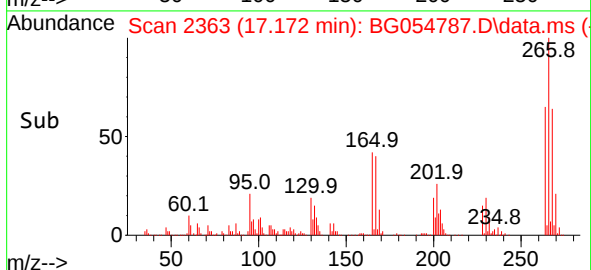
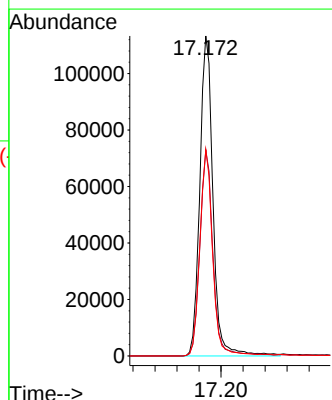
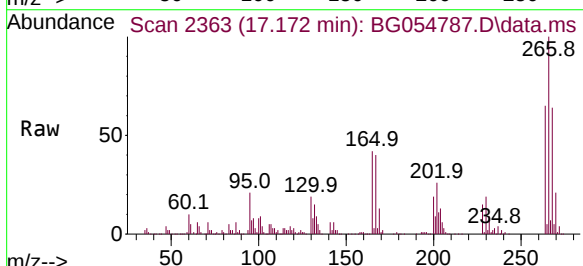
Tgt Ion:266 Resp: 188496

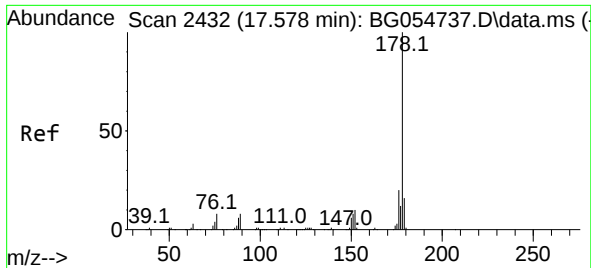
Ion Ratio Lower Upper

266 100

268 64.3 51.2 76.8

264 64.5 49.4 74.0

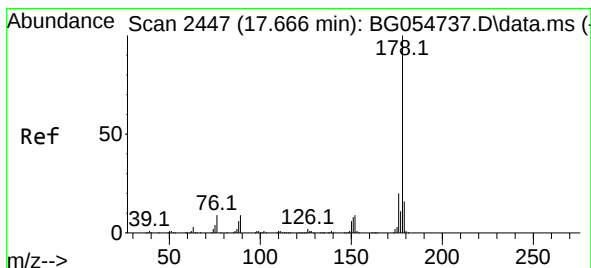
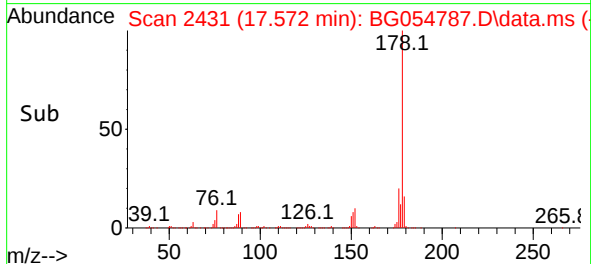
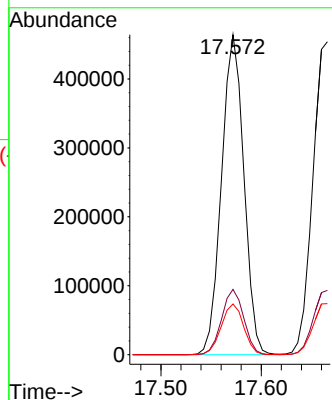
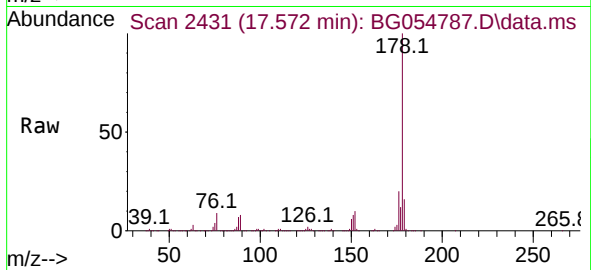




#71
Phenanthrene
Concen: 45.846 ng
RT: 17.572 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

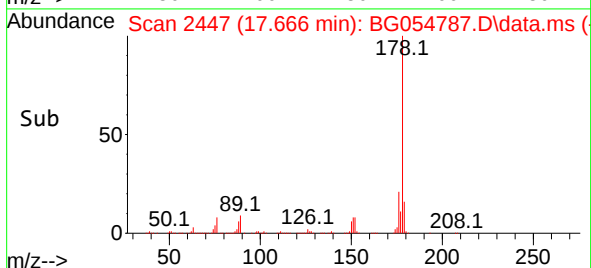
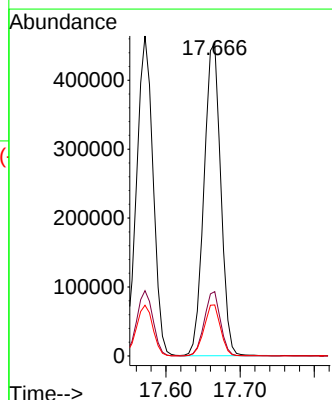
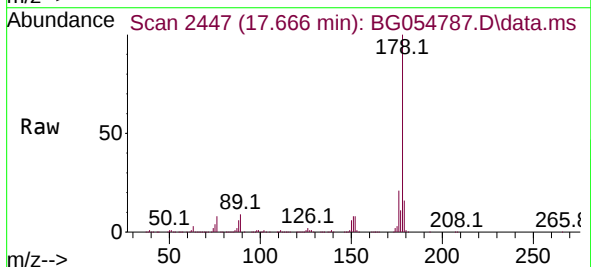
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

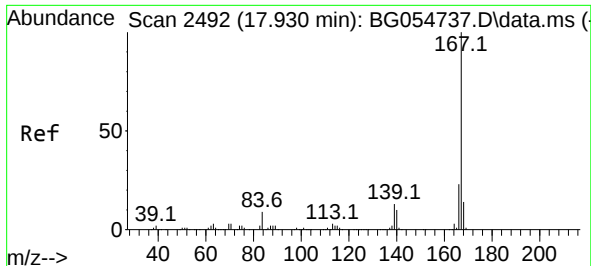
Tgt Ion:178 Resp: 716242
Ion Ratio Lower Upper
178 100
176 20.4 16.6 25.0
179 15.8 12.8 19.2



#72
Anthracene
Concen: 46.939 ng
RT: 17.666 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:178 Resp: 712948
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.3 12.9 19.3

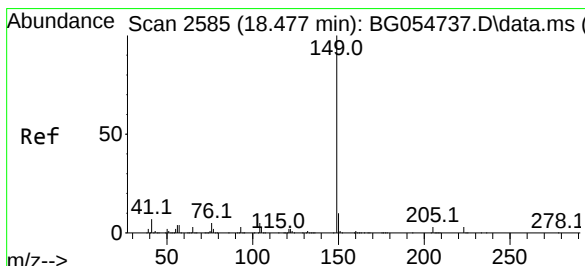
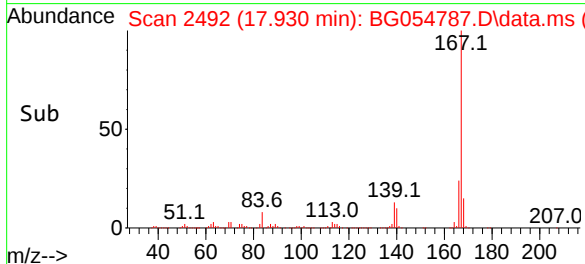
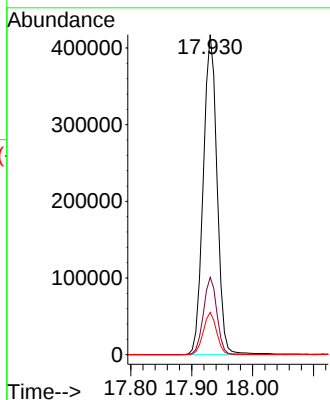
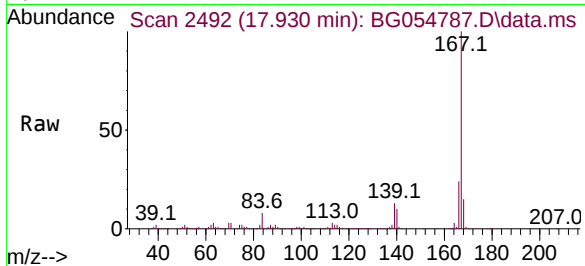




#73
 Carbazole
 Concen: 47.060 ng
 RT: 17.930 min Scan# 2492
 Delta R.T. -0.000 min
 Lab File: BG054787.D
 Acq: 30 Aug 2022 13:05

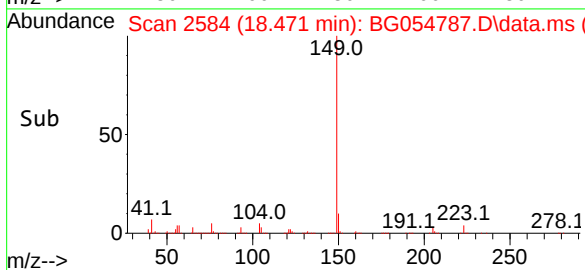
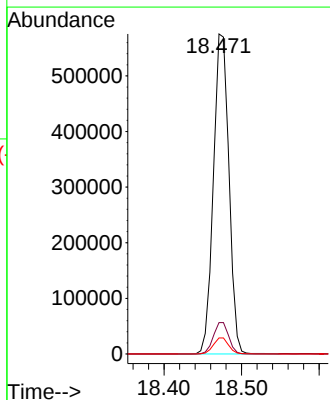
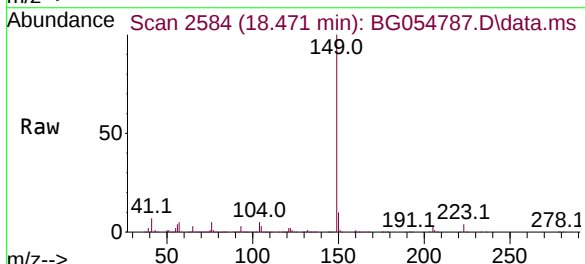
Instrument :
 BNA_G
 ClientSampleId :
 ROCK-FINES-QA/QC-COMPMS

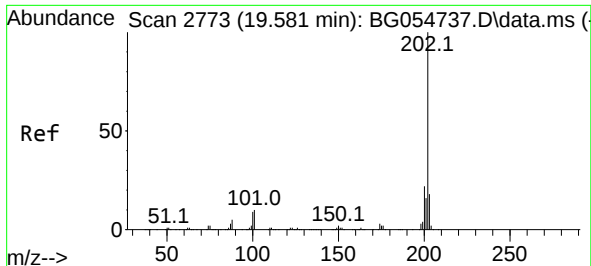
Tgt Ion:167 Resp: 658564
 Ion Ratio Lower Upper
 167 100
 166 24.2 18.8 28.2
 139 13.2 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 45.175 ng
 RT: 18.471 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BG054787.D
 Acq: 30 Aug 2022 13:05

Tgt Ion:149 Resp: 799965
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.0 12.0
 104 5.0 4.4 6.6

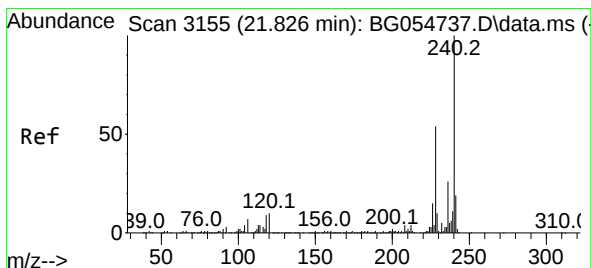
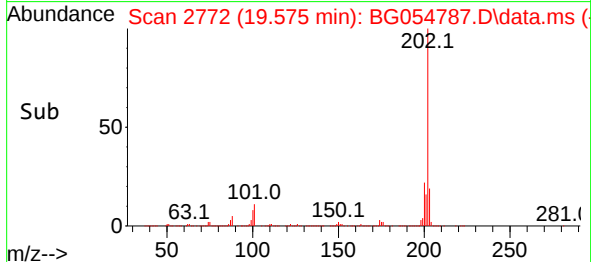
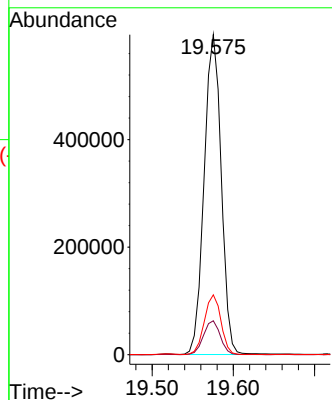
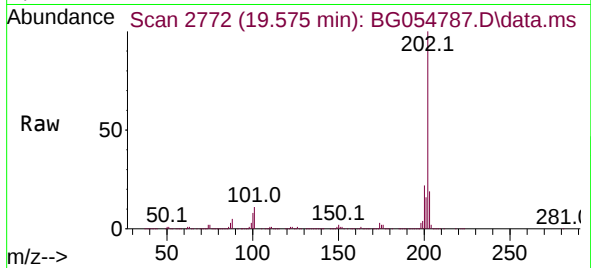




#75
Fluoranthene
Concen: 45.632 ng
RT: 19.575 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

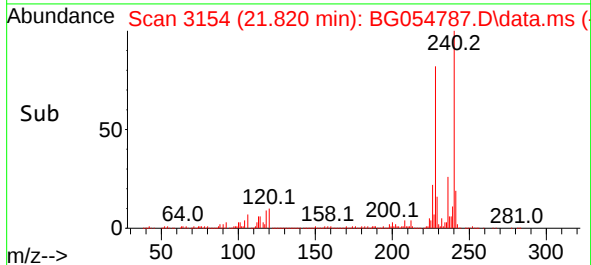
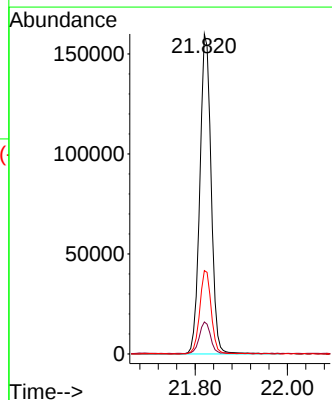
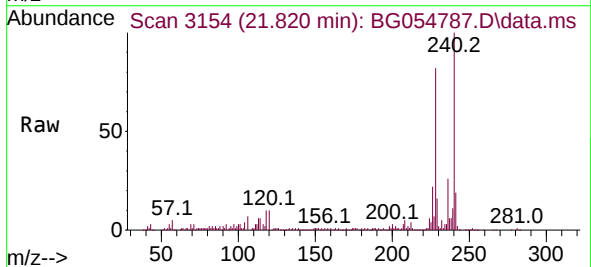
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

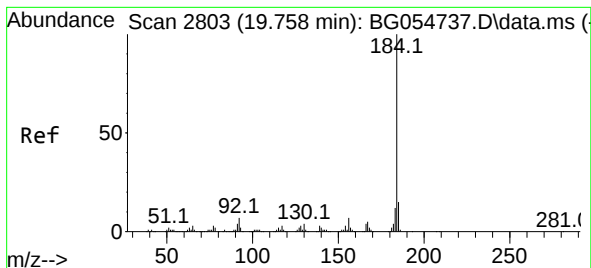
Tgt Ion:202 Resp: 867231
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 18.7 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.820 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:240 Resp: 271935
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.4
236 26.1 21.2 31.8





#77

Benzidine

Concen: 59.113 ng

RT: 19.752 min Scan# 2802

Delta R.T. -0.006 min

Lab File: BG054787.D

Acq: 30 Aug 2022 13:05

Instrument :

BNA_G

ClientSampleId :

ROCK-FINES-QA/QC-COMPMS

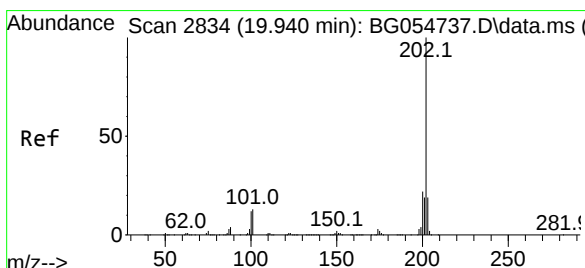
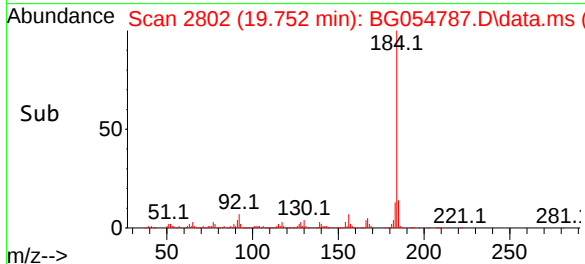
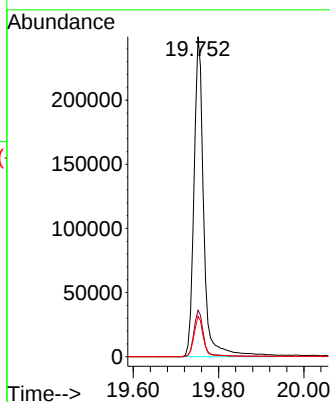
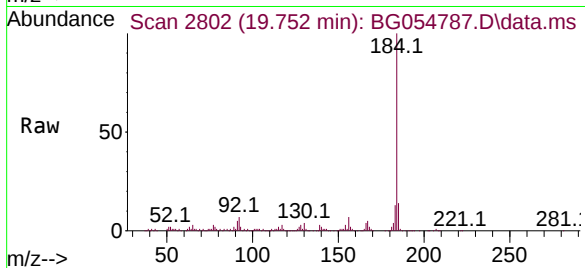
Tgt Ion:184 Resp: 398157

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.0

183 12.7 9.8 14.8



#78

Pyrene

Concen: 45.962 ng

RT: 19.940 min Scan# 2834

Delta R.T. -0.000 min

Lab File: BG054787.D

Acq: 30 Aug 2022 13:05

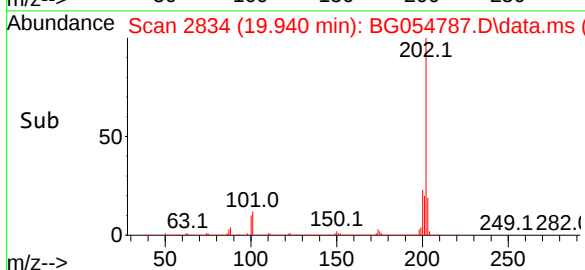
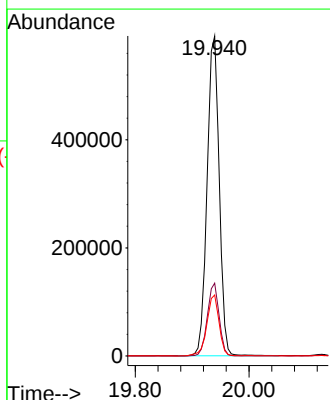
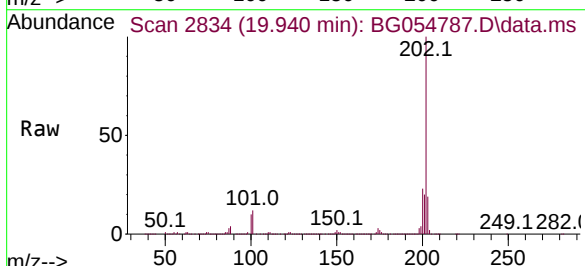
Tgt Ion:202 Resp: 871518

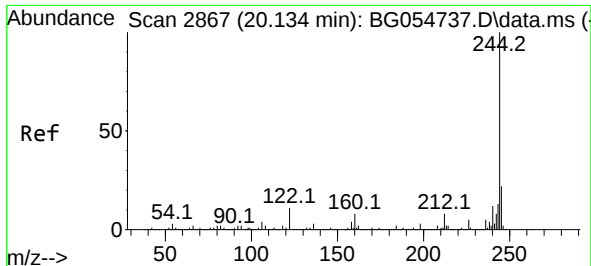
Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.6

203 19.0 14.6 21.8

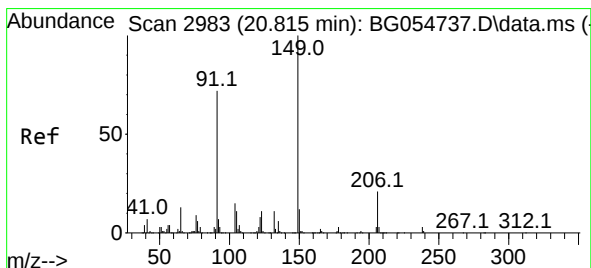
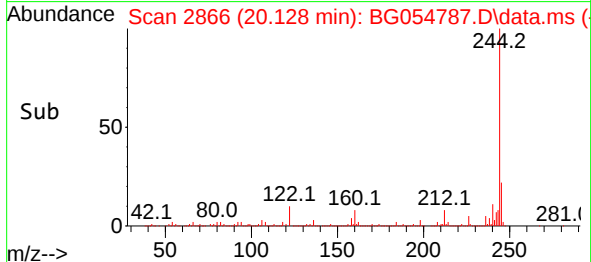
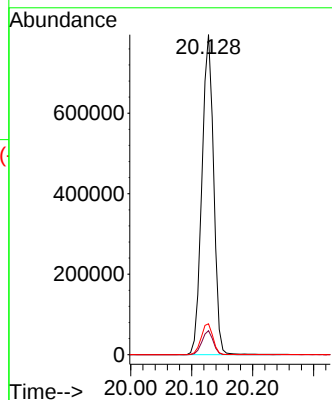
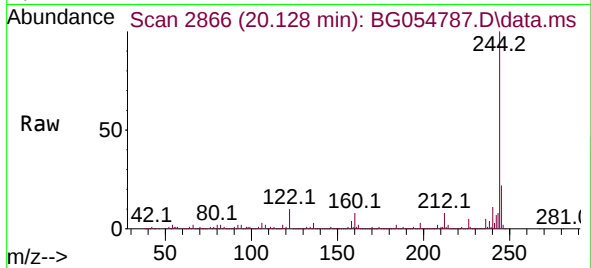




#79
 Terphenyl-d14
 Concen: 77.591 ng
 RT: 20.128 min Scan# 2866
 Delta R.T. -0.006 min
 Lab File: BG054787.D
 Acq: 30 Aug 2022 13:05

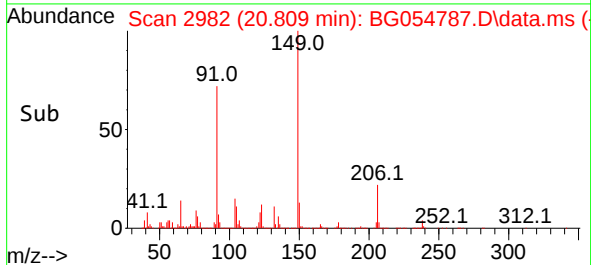
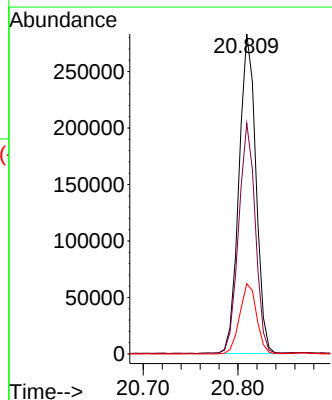
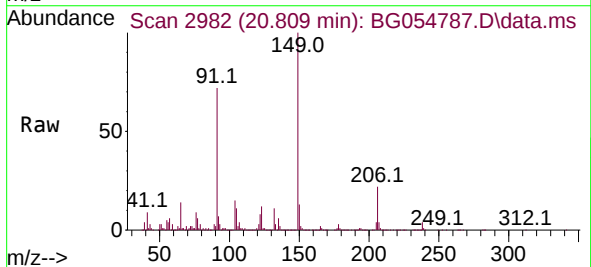
Instrument :
 BNA_G
 ClientSampleId :
 ROCK-FINES-QA/QC-COMPMS

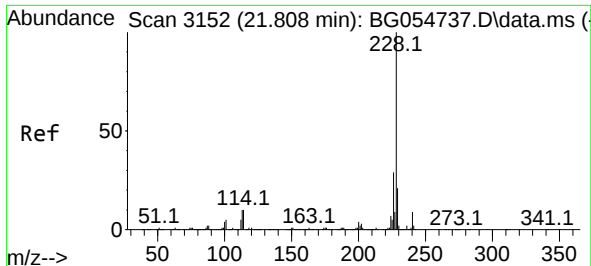
Tgt Ion:244 Resp: 1064891
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.7 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 44.260 ng
 RT: 20.809 min Scan# 2982
 Delta R.T. -0.006 min
 Lab File: BG054787.D
 Acq: 30 Aug 2022 13:05

Tgt Ion:149 Resp: 350063
 Ion Ratio Lower Upper
 149 100
 91 72.1 59.5 89.3
 206 21.9 16.6 25.0

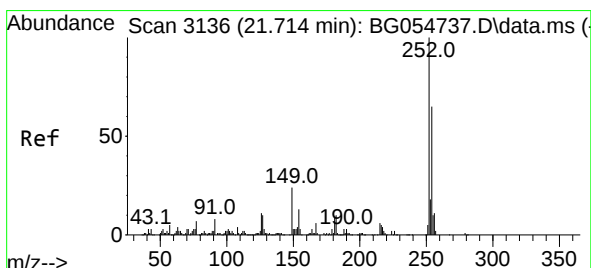
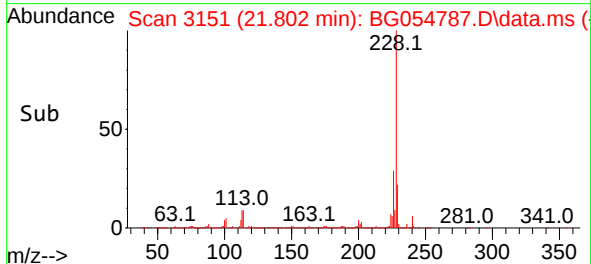
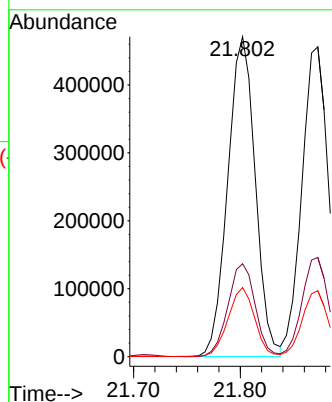
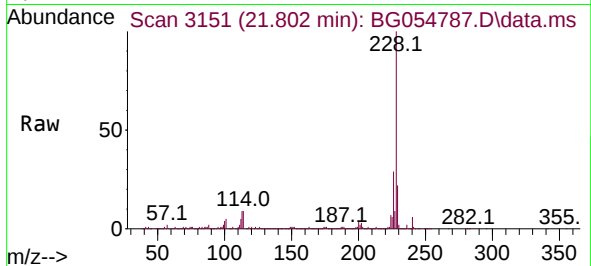




#81
Benzo(a)anthracene
Concen: 45.863 ng
RT: 21.802 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

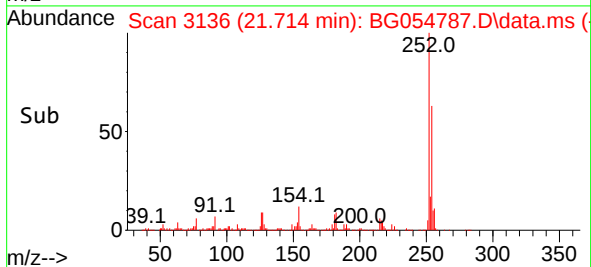
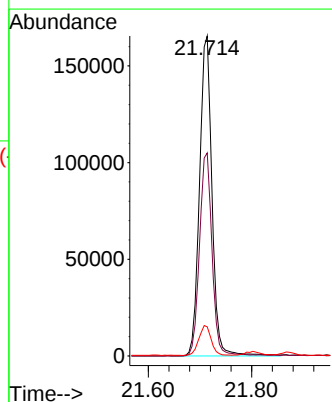
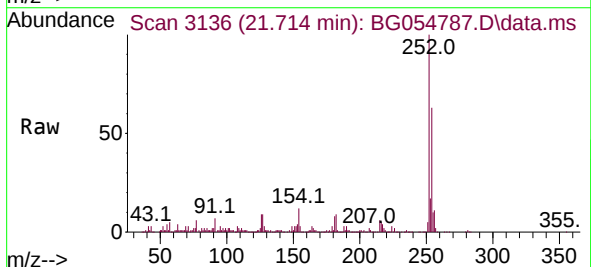
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

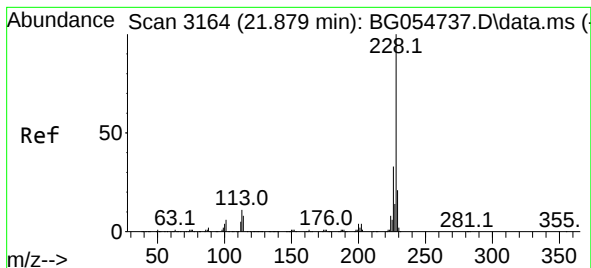
Tgt Ion:228 Resp: 845620
Ion Ratio Lower Upper
228 100
226 29.0 23.4 35.2
229 21.6 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 42.823 ng
RT: 21.714 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:252 Resp: 276827
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 9.1 8.2 12.2





#83

Chrysene

Concen: 44.966 ng

RT: 21.873 min Scan# 3164

Delta R.T. -0.006 min

Lab File: BG054787.D

Acq: 30 Aug 2022 13:05

Instrument :

BNA_G

ClientSampleId :

ROCK-FINES-QA/QC-COMPMS

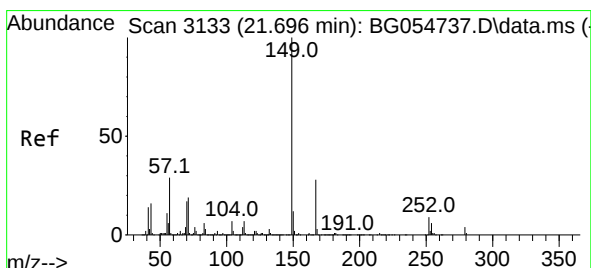
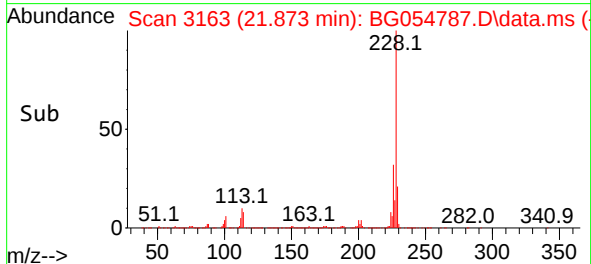
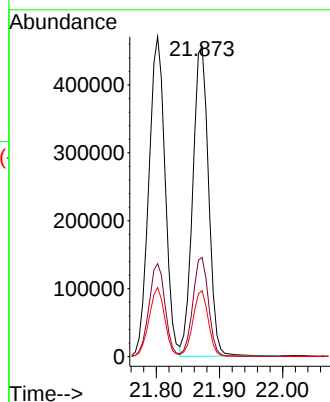
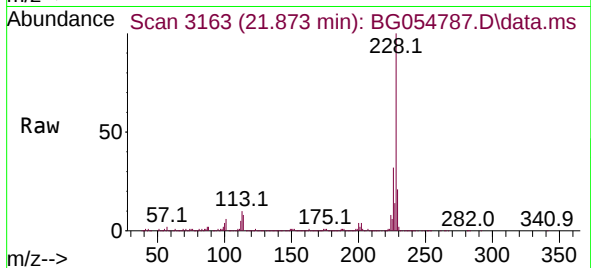
Tgt Ion:228 Resp: 792721

Ion Ratio Lower Upper

228 100

226 32.0 25.5 38.3

229 21.3 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.646 ng

RT: 21.685 min Scan# 3131

Delta R.T. -0.012 min

Lab File: BG054787.D

Acq: 30 Aug 2022 13:05

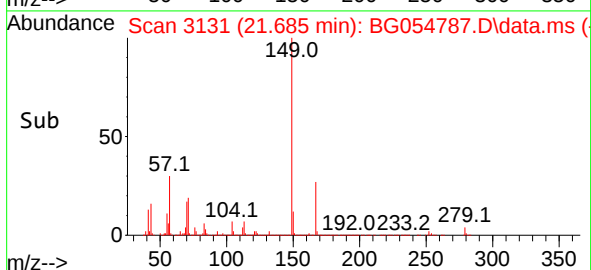
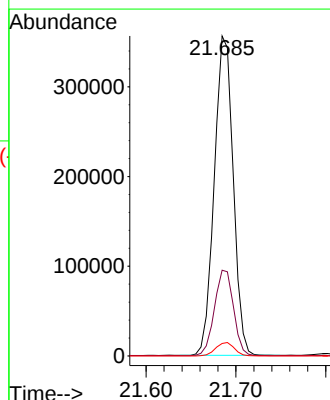
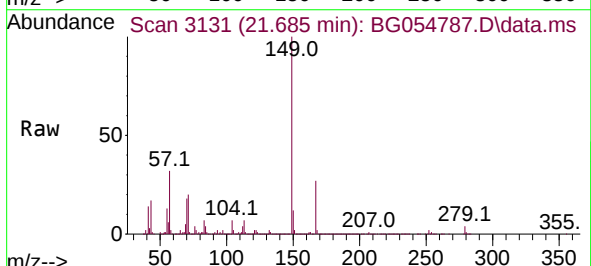
Tgt Ion:149 Resp: 520153

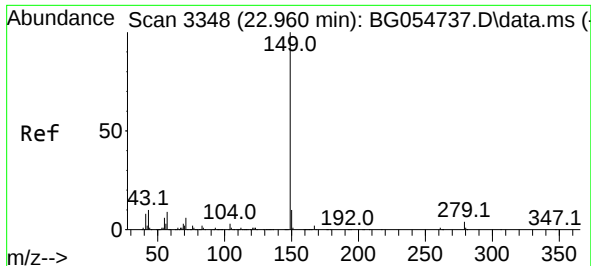
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.9 3.1 4.7

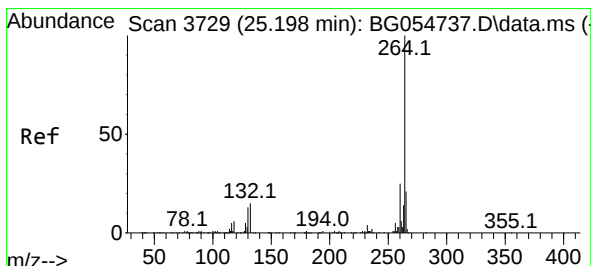
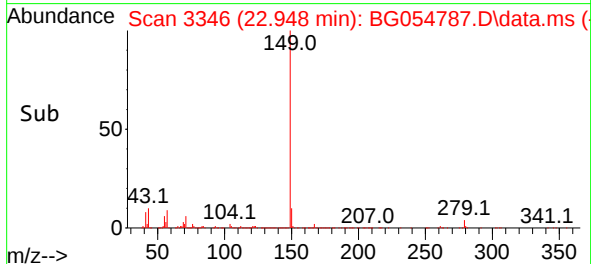
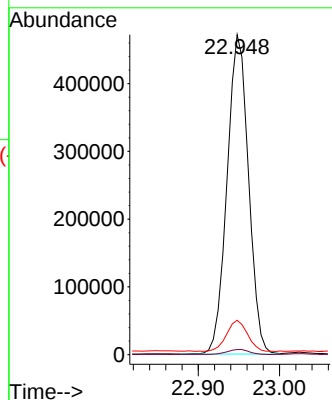
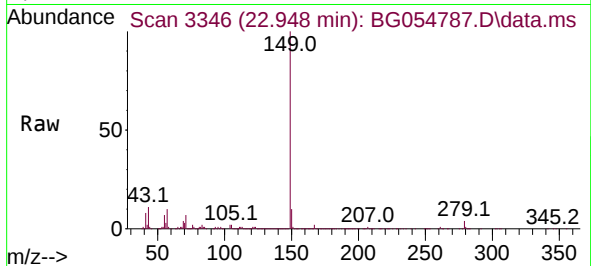




#85
Di-n-octyl phthalate
Concen: 44.701 ng
RT: 22.948 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

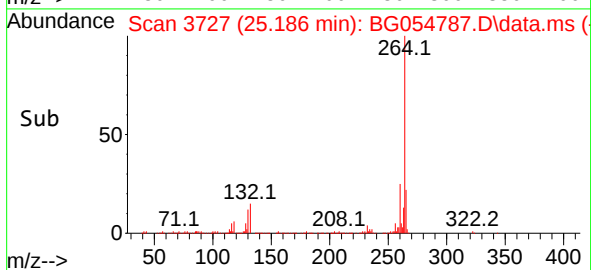
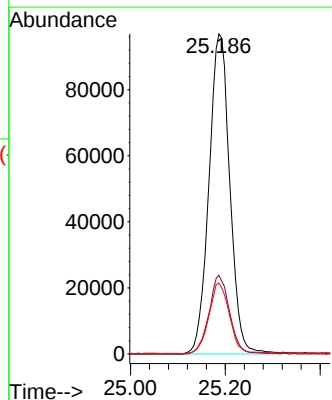
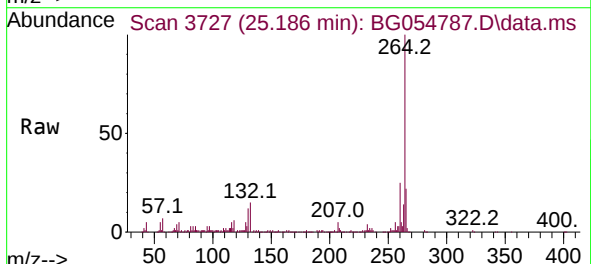
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

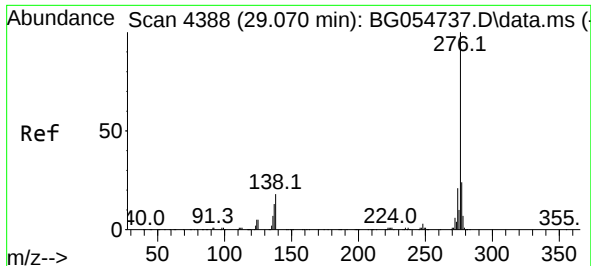
Tgt Ion:149 Resp: 863845
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 9.0 13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.186 min Scan# 3727
Delta R.T. -0.012 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:264 Resp: 296150
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 22.1 16.9 25.3

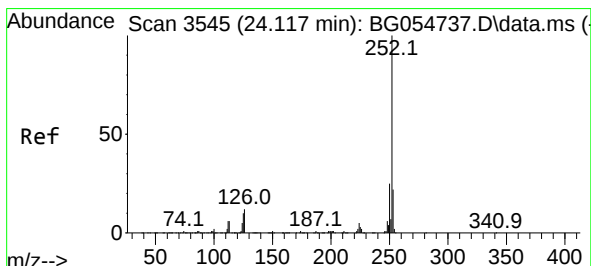
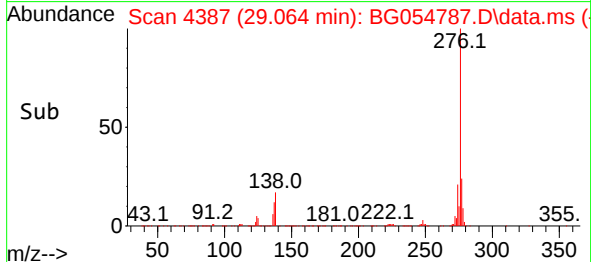
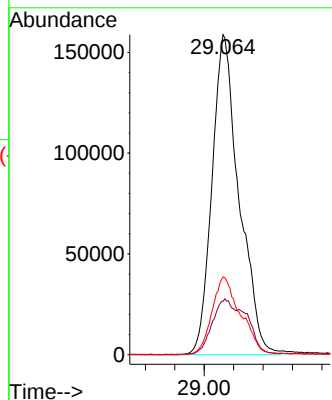
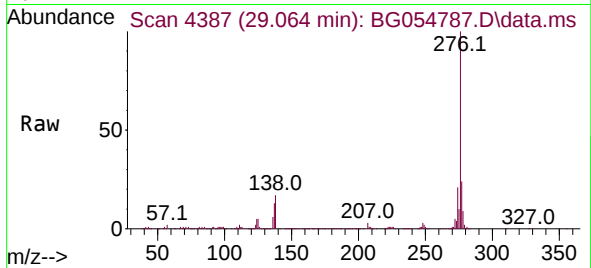




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.115 ng
 RT: 29.064 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BG054787.D
 Acq: 30 Aug 2022 13:05

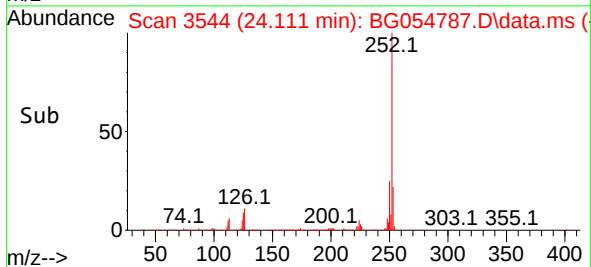
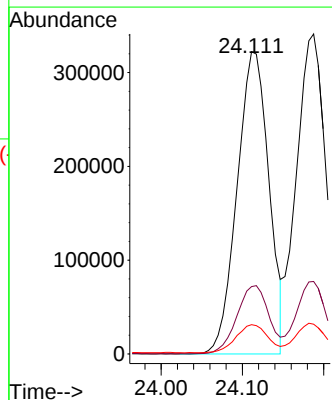
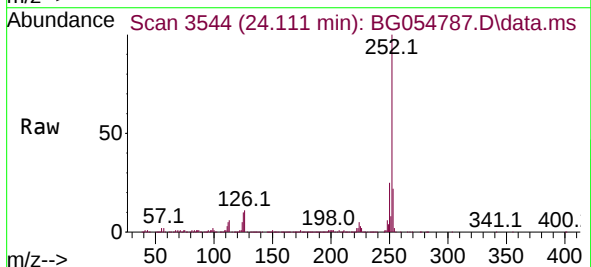
Instrument :
 BNA_G
 ClientSampleId :
 ROCK-FINES-QA/QC-COMPMS

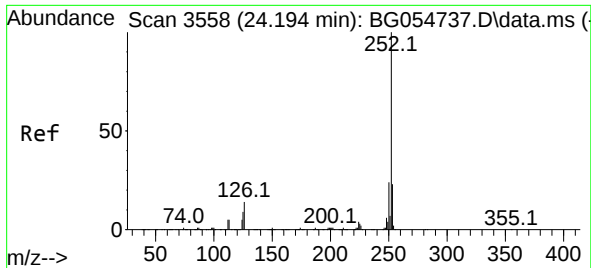
Tgt Ion:276 Resp: 1014306
 Ion Ratio Lower Upper
 276 100
 138 14.2 12.0 18.0
 277 25.7 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 47.148 ng
 RT: 24.111 min Scan# 3544
 Delta R.T. -0.006 min
 Lab File: BG054787.D
 Acq: 30 Aug 2022 13:05

Tgt Ion:252 Resp: 875903
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.0 27.0
 125 9.7 8.1 12.1

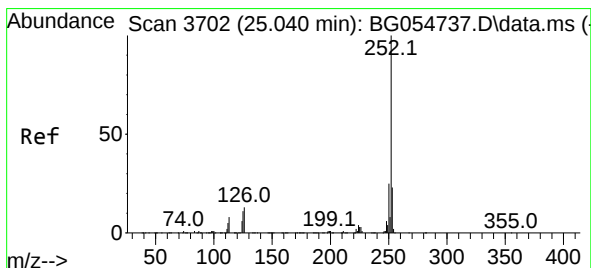
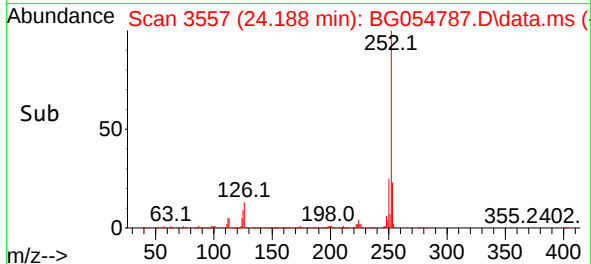
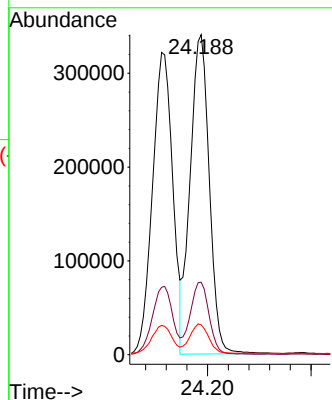
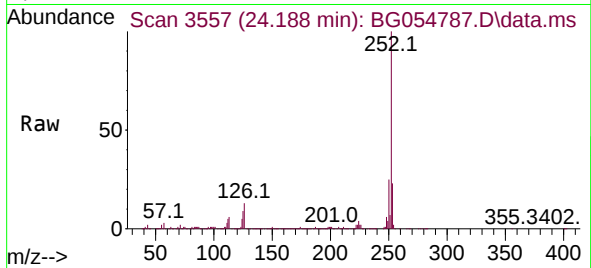




#89
Benzo(k)fluoranthene
Concen: 46.788 ng
RT: 24.188 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

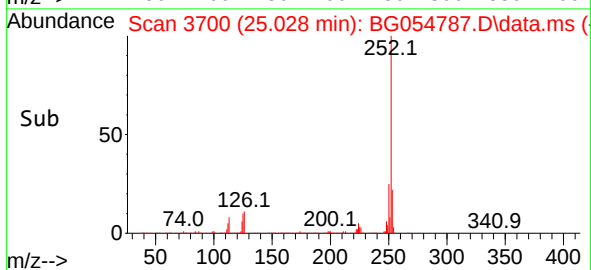
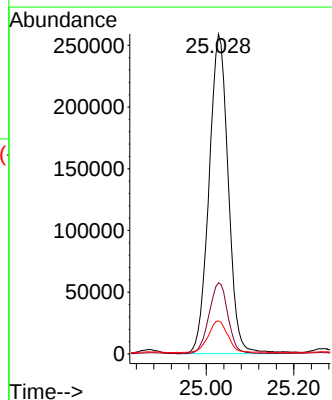
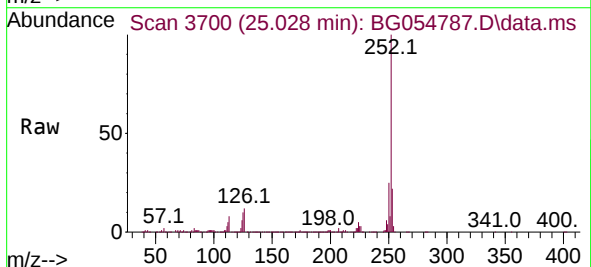
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMS

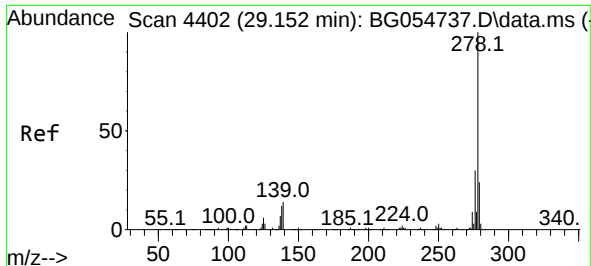
Tgt Ion:252 Resp: 874791
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 49.696 ng
RT: 25.028 min Scan# 3700
Delta R.T. -0.012 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:252 Resp: 788777
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 10.3 8.8 13.2

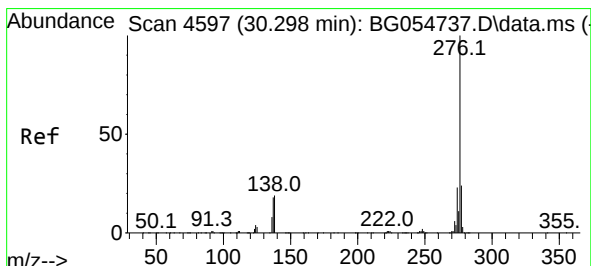
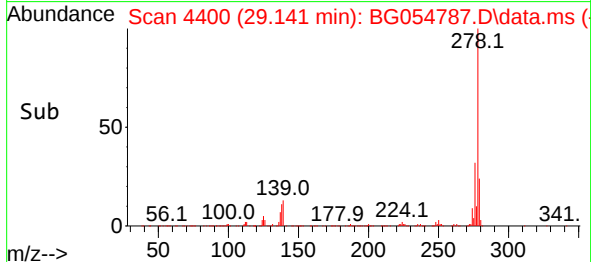
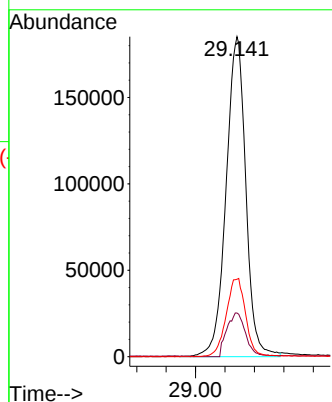
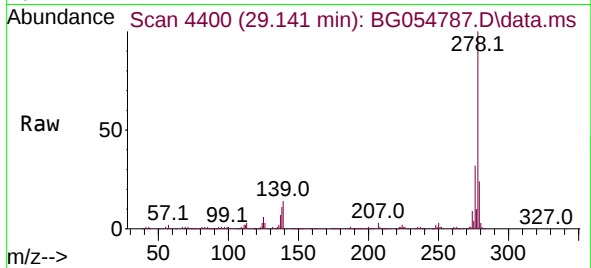




#91
Dibenzo(a,h)anthracene
Concen: 47.102 ng
RT: 29.141 min Scan# 4400
Delta R.T. -0.012 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

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

Tgt Ion:278 Resp: 862752
Ion Ratio Lower Upper
278 100
139 13.6 11.4 17.2
279 24.2 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 47.500 ng
RT: 30.286 min Scan# 4595
Delta R.T. -0.012 min
Lab File: BG054787.D
Acq: 30 Aug 2022 13:05

Tgt Ion:276 Resp: 878943
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 18.8 16.6 25.0

