

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
 Data File : BG054788.D
 Acq On : 30 Aug 2022 13:47
 Operator : CG/JU
 Sample : N4398-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/31/2022
 Supervised By : Jagrut Upadhyay 08/31/2022

Quant Time: Aug 30 16:05:02 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	8.147	152	41832	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	183937	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	129497	20.000	ng	0.00
64) Phenanthrene-d10	17.531	188	287636	20.000	ng	0.00
76) Chrysene-d12	21.826	240	262843	20.000	ng	0.00
86) Perylene-d12	25.192	264	284022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	298026	124.061	ng	0.00
7) Phenol-d6	7.301	99	417829	127.182	ng	0.00
23) Nitrobenzene-d5	9.323	82	246088	70.235	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	193573	119.626	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	621998	72.193	ng	0.00
79) Terphenyl-d14	20.128	244	1032945	77.866	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.529	88	43645	38.048	ng	98
3) Pyridine	3.941	79	115313	36.041	ng	97
4) n-Nitrosodimethylamine	3.853	42	59514	43.030	ng	97
6) Aniline	7.472	93	187060	47.923	ng	97
8) 2-Chlorophenol	7.713	128	144564	55.080	ng	98
9) Benzaldehyde	7.284	77	80374	37.327	ng	98
10) Phenol	7.325	94	183178	54.217	ng	100
11) bis(2-Chloroethyl)ether	7.560	93	129985	47.837	ng	97
12) 1,3-Dichlorobenzene	8.036	146	144627	47.617	ng	99
13) 1,4-Dichlorobenzene	8.189	146	146176	47.713	ng	98
14) 1,2-Dichlorobenzene	8.506	146	142748	49.139	ng	98
15) Benzyl Alcohol	8.388	79	129468	54.549	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.676	45	200581	47.176	ng	99
17) 2-Methylphenol	8.588	107	127662	54.881	ng	99
18) Hexachloroethane	9.240	117	51555	46.407	ng	98
19) n-Nitroso-di-n-propyla...	8.958	70	113332	50.165	ng	98
20) 3+4-Methylphenols	8.917	107	174203	54.005	ng	98
22) Acetophenone	8.976	105	211887	46.045	ng	# 99
24) Nitrobenzene	9.364	77	155104	43.919	ng	98
25) Isophorone	9.887	82	316867	48.502	ng	100
26) 2-Nitrophenol	10.081	139	78873	50.560	ng	95
27) 2,4-Dimethylphenol	10.128	122	138981	56.229	ng	98
28) bis(2-Chloroethoxy)met...	10.368	93	188698	50.688	ng	99
29) 2,4-Dichlorophenol	10.615	162	145678	51.818	ng	98
30) 1,2,4-Trichlorobenzene	10.833	180	145927	45.421	ng	98
31) Naphthalene	11.026	128	444283	45.020	ng	99
32) Benzoic acid	10.274	122	68181	40.160	ng	92
33) 4-Chloroaniline	11.132	127	156988	39.020	ng	99
34) Hexachlorobutadiene	11.303	225	94721	46.016	ng	98
35) Caprolactam	11.908	113	50669m	51.086	ng	
36) 4-Chloro-3-methylphenol	12.243	107	159827	51.988	ng	97
37) 2-Methylnaphthalene	12.625	142	329453	47.631	ng	100
38) 1-Methylnaphthalene	12.842	142	313269	46.551	ng	99
40) 1,2,4,5-Tetrachloroben...	12.983	216	183730	47.067	ng	99
41) Hexachlorocyclopentadiene	12.959	237	212204	102.504	ng	98
43) 2,4,6-Trichlorophenol	13.218	196	125299	48.359	ng	98

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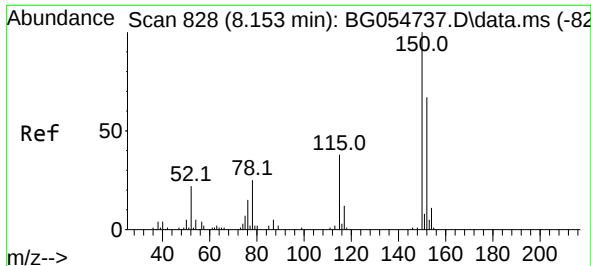
Manual Integrations
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 Response via : Initial Calibration

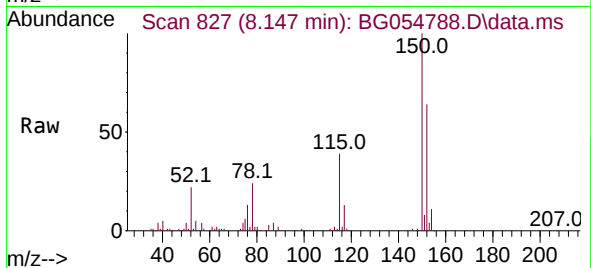
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	135658	46.621	ng	98
46) 1,1'-Biphenyl	13.618	154	447992	46.586	ng	99
47) 2-Chloronaphthalene	13.665	162	334886	45.854	ng	99
48) 2-Nitroaniline	13.864	65	105020	45.884	ng	94
49) Acenaphthylene	14.511	152	551969	45.800	ng	99
50) Dimethylphthalate	14.229	163	453942	45.501	ng	99
51) 2,6-Dinitrotoluene	14.352	165	97855	47.954	ng	88
52) Acenaphthene	14.845	154	390507m	50.443	ng	
53) 3-Nitroaniline	14.687	138	87722	38.402	ng	95
54) 2,4-Dinitrophenol	14.887	184	105950	90.995	ng	93
55) Dibenzofuran	15.180	168	521102	45.809	ng	99
56) 4-Nitrophenol	14.987	139	170627	96.521	ng	97
57) 2,4-Dinitrotoluene	15.139	165	136702	48.433	ng	87
58) Fluorene	15.827	166	435478	45.442	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.404	232	120527	45.949	ng	98
60) Diethylphthalate	15.586	149	446748	44.844	ng	98
61) 4-Chlorophenyl-phenyle...	15.815	204	226677	47.949	ng	99
62) 4-Nitroaniline	15.850	138	105868	45.393	ng	97
63) Azobenzene	16.109	77	407139	43.003	ng	97
65) 4,6-Dinitro-2-methylph...	15.897	198	70733	48.310	ng	99
66) n-Nitrosodiphenylamine	16.026	169	390356	47.060	ng	99
67) 4-Bromophenyl-phenylether	16.708	248	154601	48.955	ng	99
68) Hexachlorobenzene	16.826	284	172142	48.489	ng	97
69) Atrazine	16.972	200	150065	51.280	ng	99
70) Pentachlorophenol	17.172	266	185434	96.134	ng	100
71) Phenanthrene	17.572	178	699596	45.658	ng	99
72) Anthracene	17.666	178	701116	47.064	ng	99
73) Carbazole	17.930	167	648441	47.244	ng	99
74) Di-n-butylphthalate	18.477	149	778942	44.849	ng	99
75) Fluoranthene	19.575	202	845713	45.371	ng	99
77) Benzidine	19.752	184	398994	61.287	ng	100
78) Pyrene	19.940	202	854186	46.606	ng	99
80) Butylbenzylphthalate	20.809	149	341286	44.643	ng	98
81) Benzo(a)anthracene	21.802	228	817080	45.848	ng	99
82) 3,3'-Dichlorobenzidine	21.714	252	271197	43.403	ng	99
83) Chrysene	21.873	228	775188	45.493	ng	99
84) Bis(2-ethylhexyl)phtha...	21.690	149	507230	46.052	ng	99
85) Di-n-octyl phthalate	22.954	149	839791	44.960	ng	96
87) Indeno(1,2,3-cd)pyrene	29.076	276	986822	45.767	ng	# 93
88) Benzo(b)fluoranthene	24.117	252	859781	48.256	ng	98
89) Benzo(k)fluoranthene	24.188	252	841583	46.934	ng	98
90) Benzo(a)pyrene	25.034	252	762419	50.086	ng	99
91) Dibenzo(a,h)anthracene	29.146	278	837767	47.691	ng	99
92) Benzo(g,h,i)perylene	30.286	276	853462	48.092	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.147 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG054788.D
 Acq: 30 Aug 2022 13:47

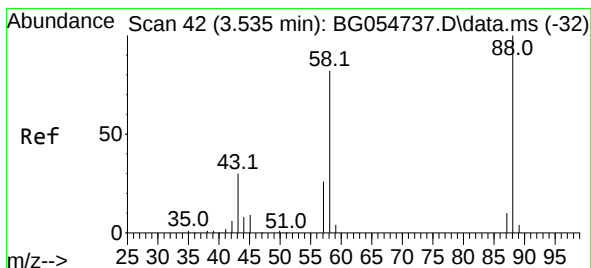
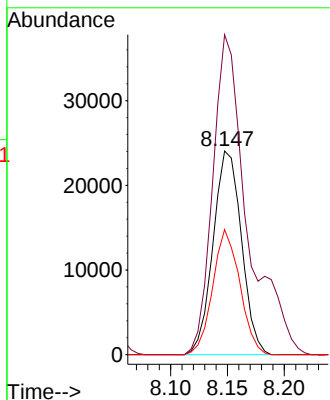
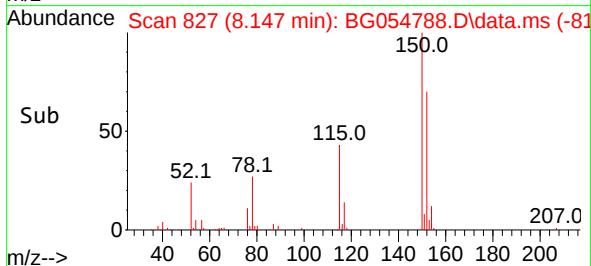
Instrument :
 BNA_G
 ClientSampleId :
 ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:152 Resp: 41832
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.2 187.8
 115 61.4 47.9 71.9

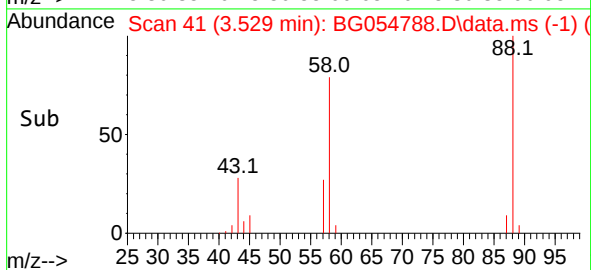
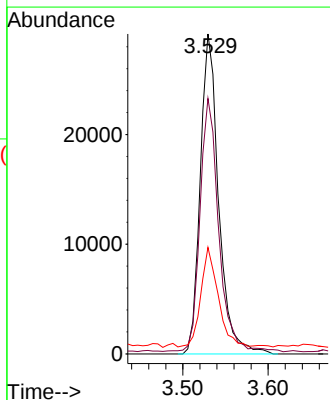
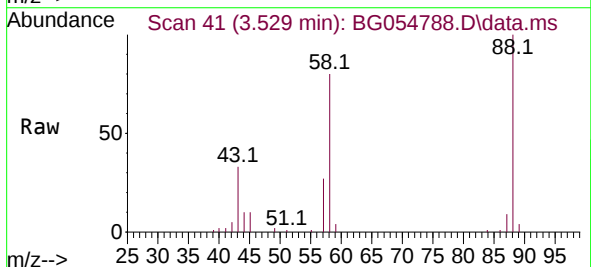
Manual Integrations
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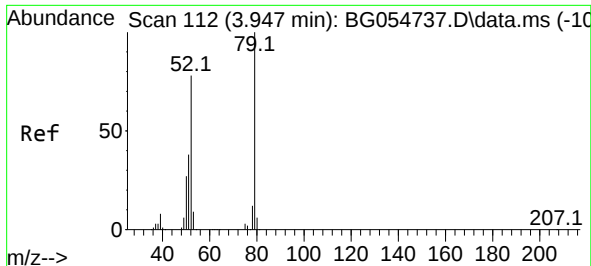
Reviewed By :Christian Giraldo 08/31/2022
 Supervised By :Jagrut Upadhyay 08/31/2022



#2
 1,4-Dioxane
 Concen: 38.048 ng
 RT: 3.529 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BG054788.D
 Acq: 30 Aug 2022 13:47

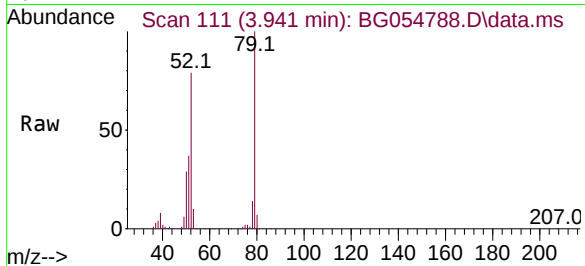
Tgt Ion: 88 Resp: 43645
 Ion Ratio Lower Upper
 88 100
 58 80.2 65.9 98.9
 43 29.3 22.7 34.1





#3
Pyridine
Concen: 36.041 ng
RT: 3.941 min Scan# 112
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

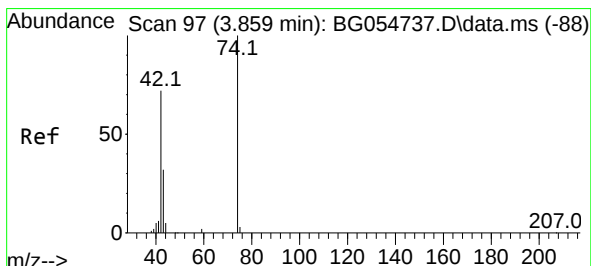
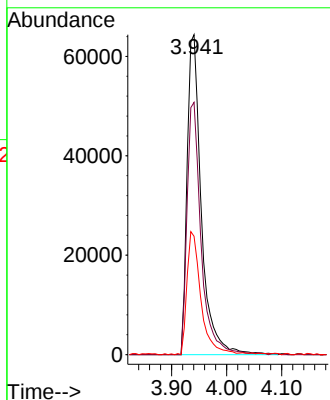
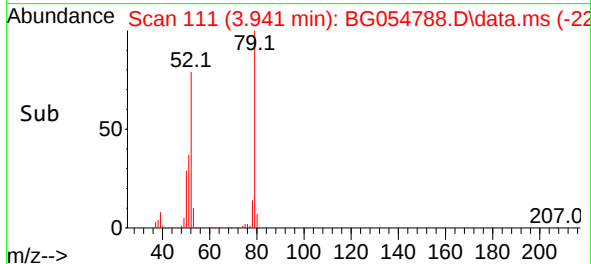
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion: 79 Resp: 115313
Ion Ratio Lower Upper
79 100
52 78.8 61.4 92.0
51 37.0 31.4 47.0

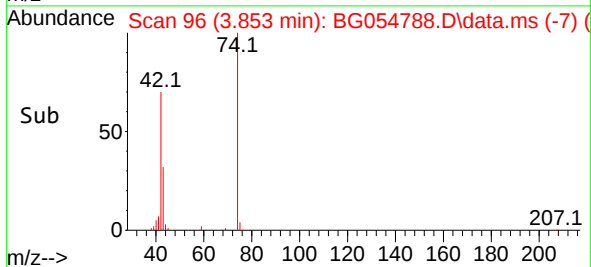
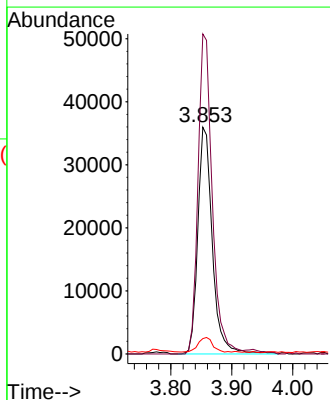
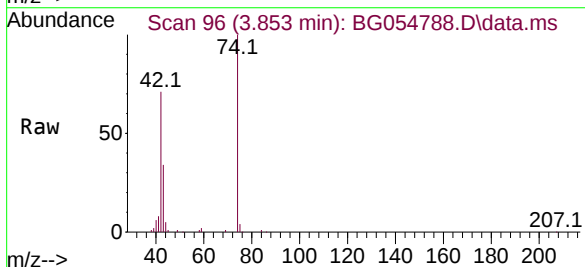
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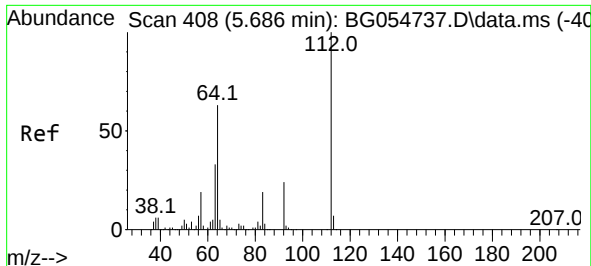
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#4
n-Nitrosodimethylamine
Concen: 43.030 ng
RT: 3.853 min Scan# 96
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

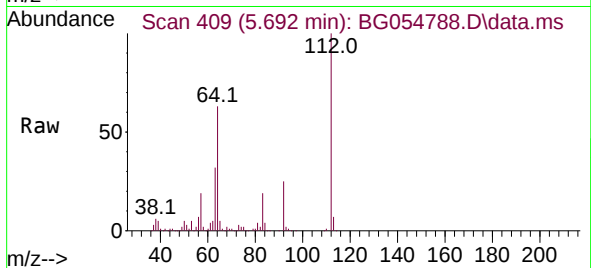
Tgt Ion: 42 Resp: 59514
Ion Ratio Lower Upper
42 100
74 141.1 109.6 164.4
44 6.8 5.5 8.3





#5
2-Fluorophenol
Concen: 124.061 ng
RT: 5.692 min Scan# 408
Delta R.T. 0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

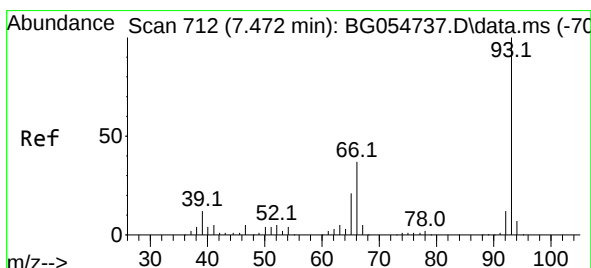
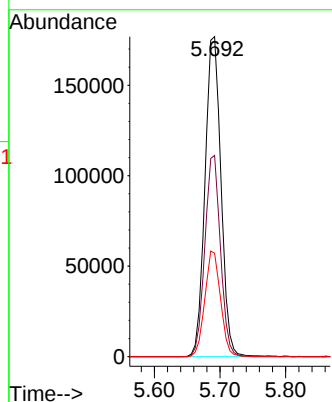
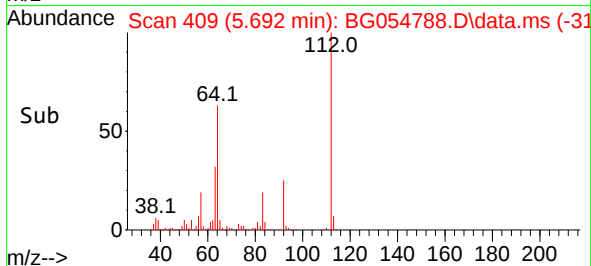
Instrument :
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Tgt Ion: 112 Resp: 298026
Ion Ratio Lower Upper
112 100
64 62.9 49.3 73.9
63 32.3 26.3 39.5

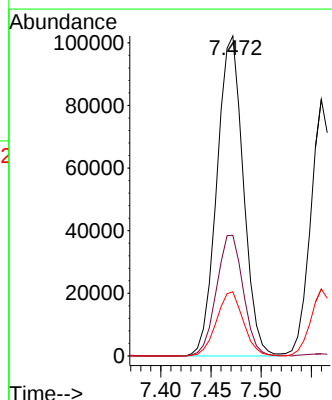
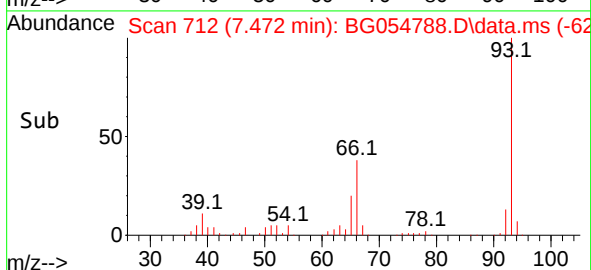
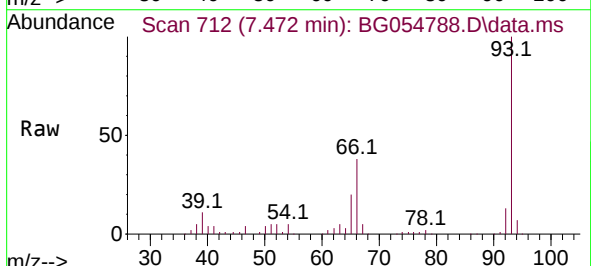
Manual Integrations
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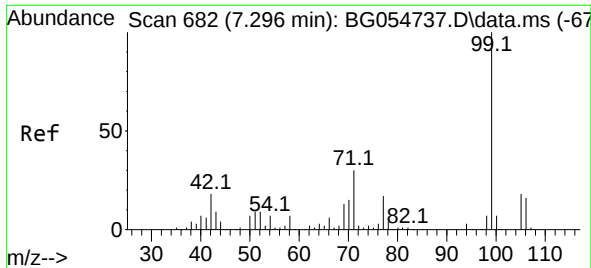
Reviewed By : Christian Giraldo 08/31/2022
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#6
Aniline
Concen: 47.923 ng
RT: 7.472 min Scan# 712
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

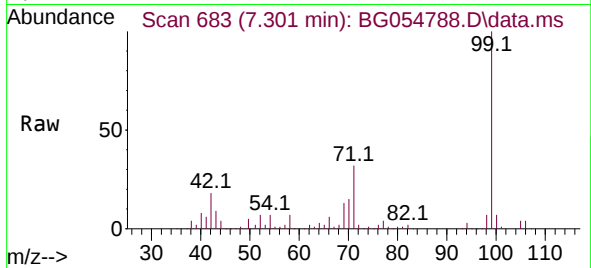
Tgt Ion: 93 Resp: 187060
Ion Ratio Lower Upper
93 100
66 37.7 31.8 47.8
65 20.0 16.6 25.0





#7
Phenol-d6
Concen: 127.182 ng
RT: 7.301 min Scan# 682
Delta R.T. 0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

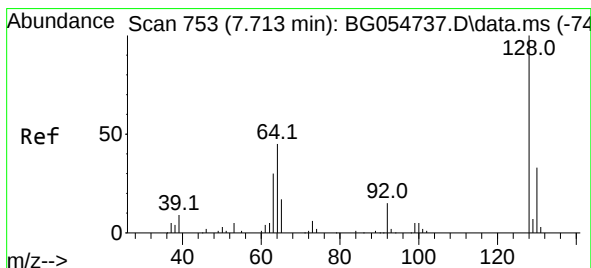
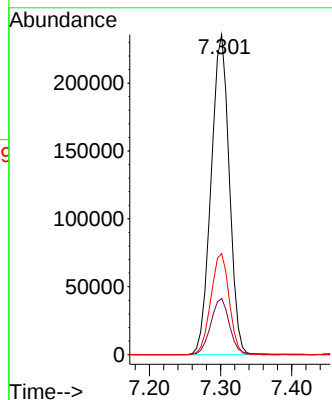
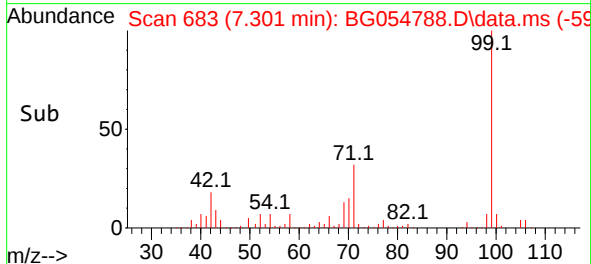
Instrument :
BNA_G
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ROCK-FINES-QA/QC-COMPMSD



Tgt Ion: 99 Resp: 417829
Ion Ratio Lower Upper
99 100
42 17.5 14.6 22.0
71 31.6 24.6 37.0

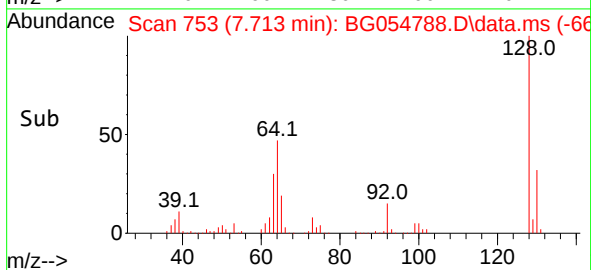
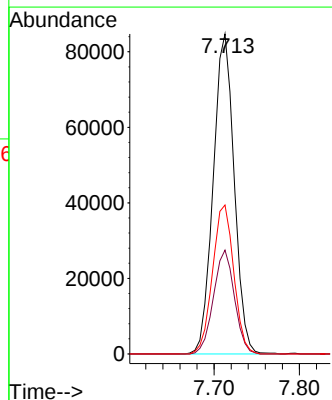
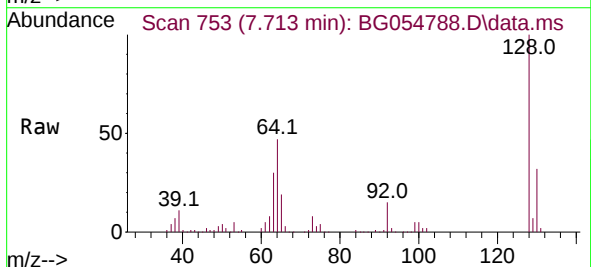
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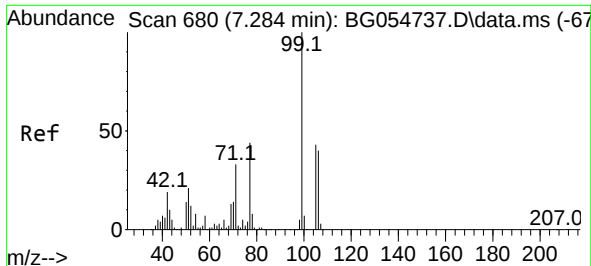
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#8
2-Chlorophenol
Concen: 55.080 ng
RT: 7.713 min Scan# 753
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

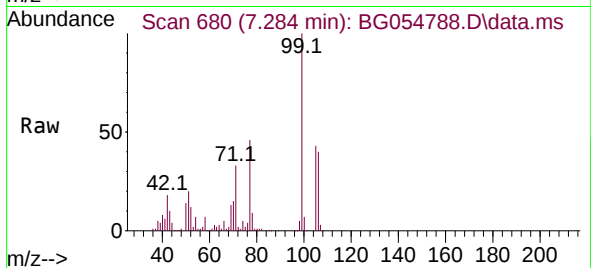
Tgt Ion:128 Resp: 144564
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 46.5 28.6 68.6





#9
Benzaldehyde
Concen: 37.327 ng
RT: 7.284 min Scan# 680
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

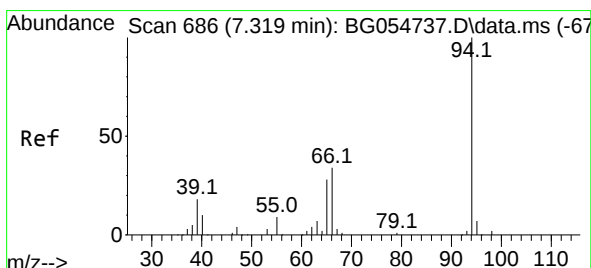
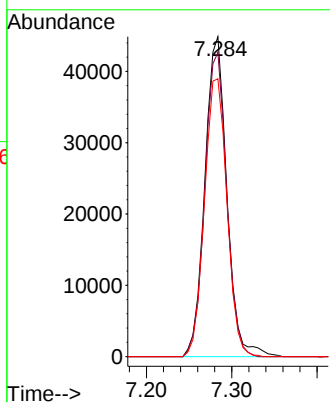
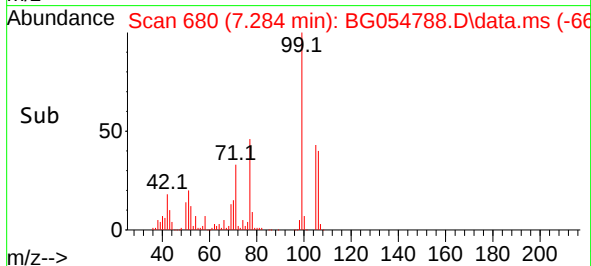
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion: 77 Resp: 80374
Ion Ratio Lower Upper
77 100
105 95.0 75.3 115.3
106 86.8 70.2 110.2

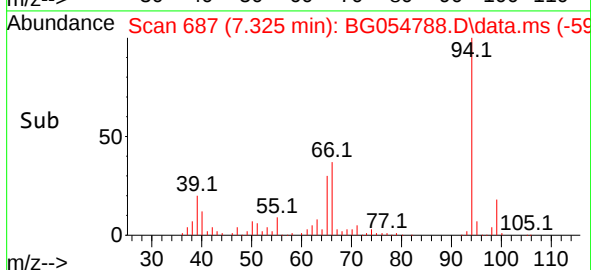
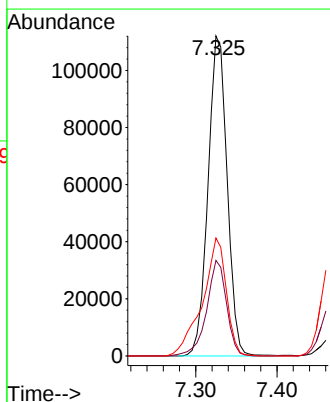
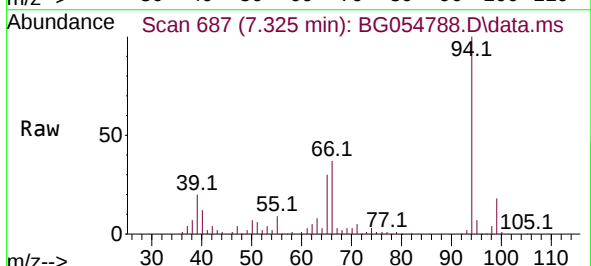
Manual Integrations
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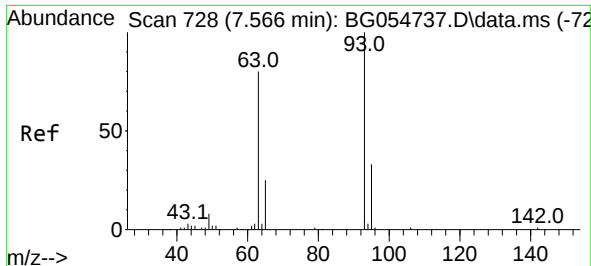
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#10
Phenol
Concen: 54.217 ng
RT: 7.325 min Scan# 687
Delta R.T. 0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

Tgt Ion: 94 Resp: 183178
Ion Ratio Lower Upper
94 100
65 29.8 9.9 49.9
66 36.8 16.4 56.4





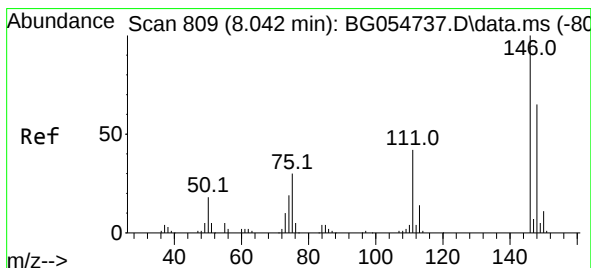
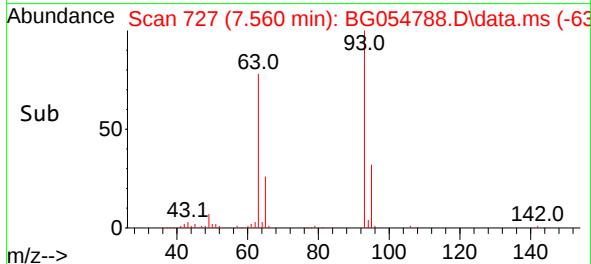
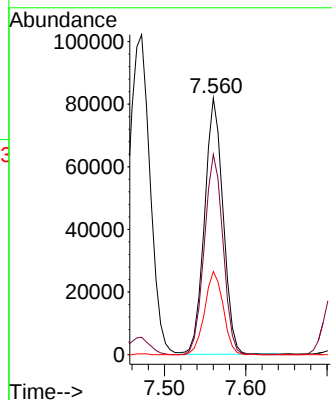
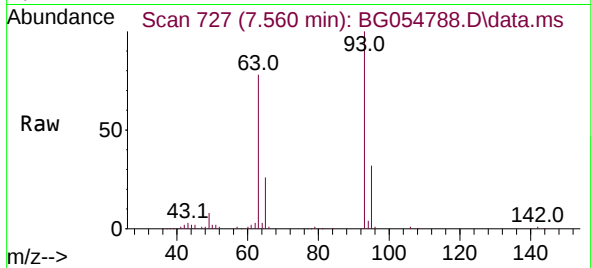
#11
bis(2-Chloroethyl)ether
Concen: 47.837 ng
RT: 7.560 min Scan# 728
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

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

Tgt Ion: 93 Resp: 129985
Ion Ratio Lower Upper
93 100
63 78.1 62.1 102.1
95 32.4 12.1 52.1

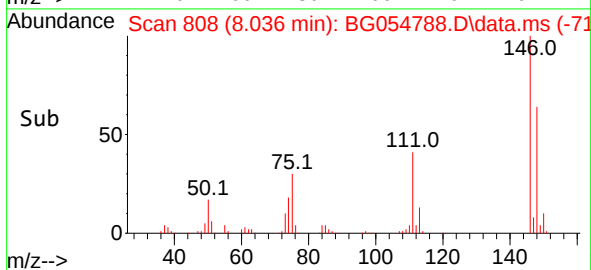
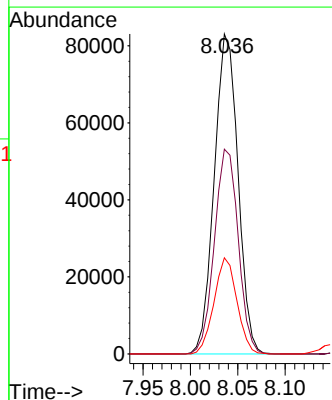
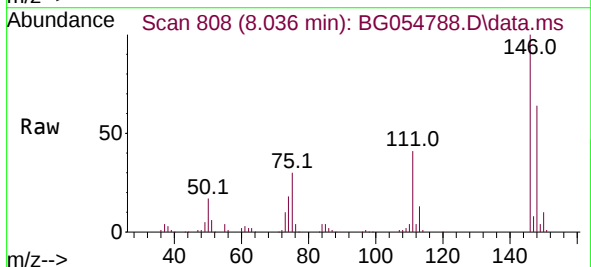
Manual Integrations
APPROVED

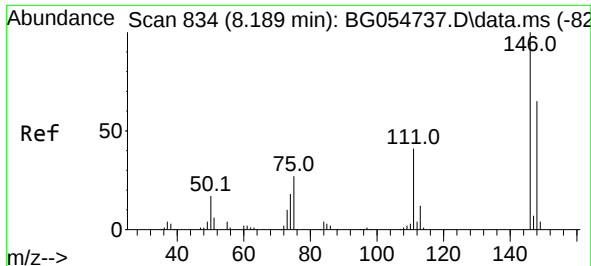
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#12
1,3-Dichlorobenzene
Concen: 47.617 ng
RT: 8.036 min Scan# 808
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

Tgt Ion:146 Resp: 144627
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
75 30.0 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 47.713 ng

RT: 8.189 min Scan# 834

Delta R.T. -0.000 min

Lab File: BG054788.D

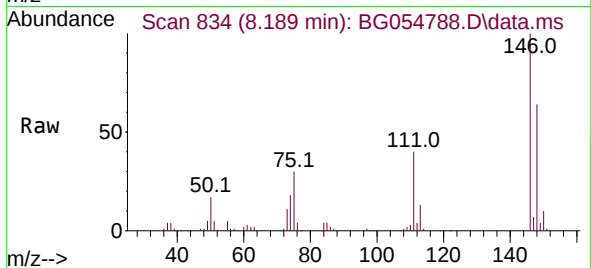
Acq: 30 Aug 2022 13:47

Instrument :

BNA_G

ClientSampleId :

ROCK-FINES-QA/QC-COMPMSD



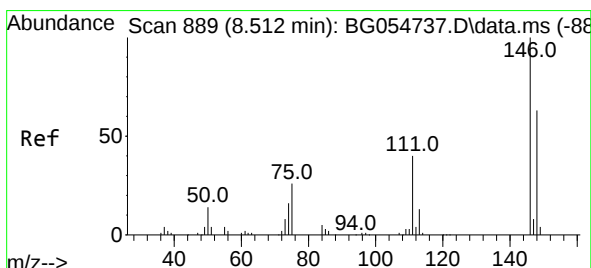
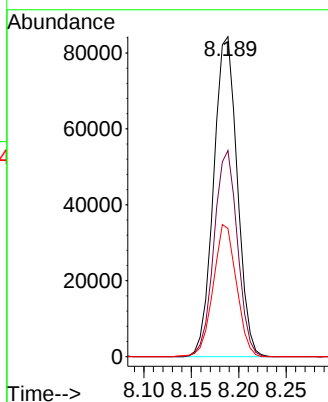
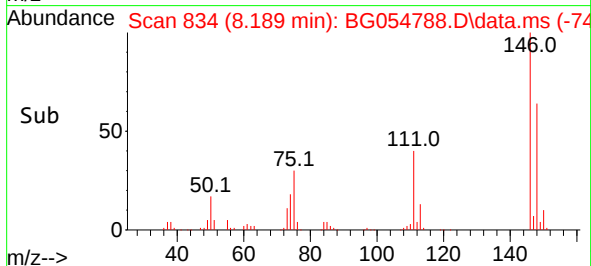
Tgt Ion:146 Resp: 146176

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
111	40.0	33.0	49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#14

1,2-Dichlorobenzene

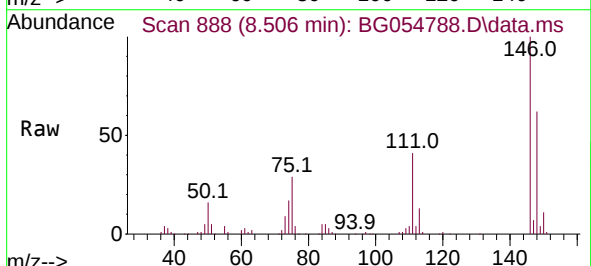
Concen: 49.139 ng

RT: 8.506 min Scan# 888

Delta R.T. -0.006 min

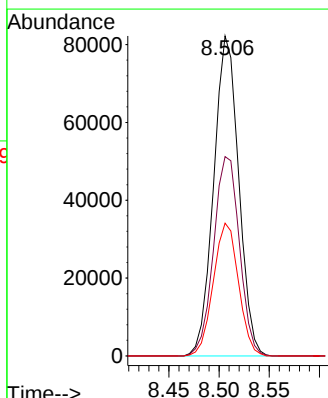
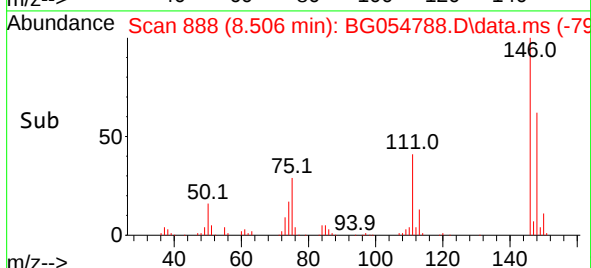
Lab File: BG054788.D

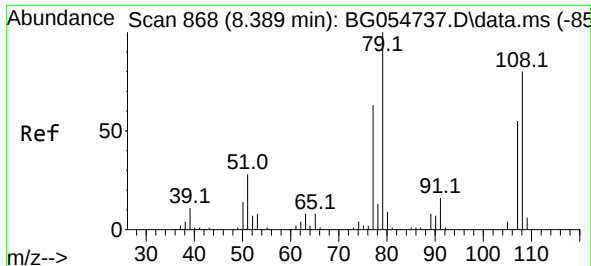
Acq: 30 Aug 2022 13:47



Tgt Ion:146 Resp: 142748

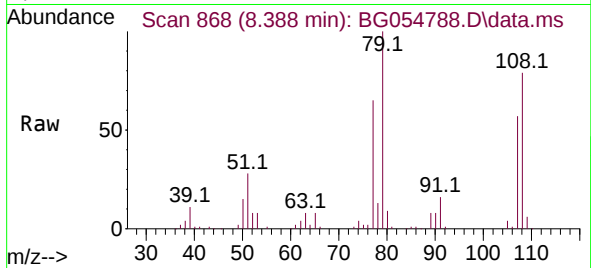
Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.2	76.8
111	41.5	34.3	51.5





#15
Benzyl Alcohol
Concen: 54.549 ng
RT: 8.388 min Scan# 868
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

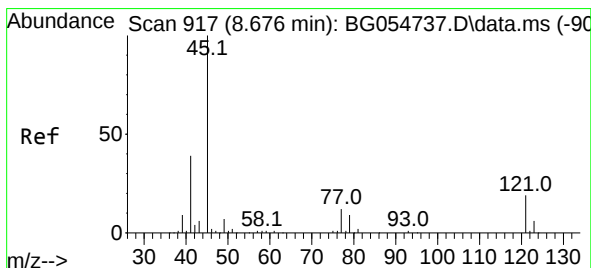
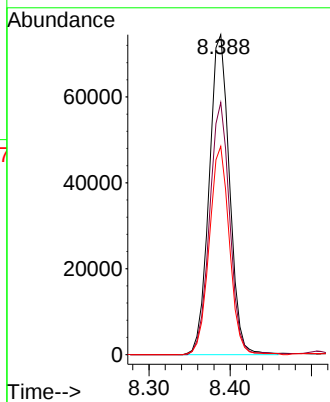
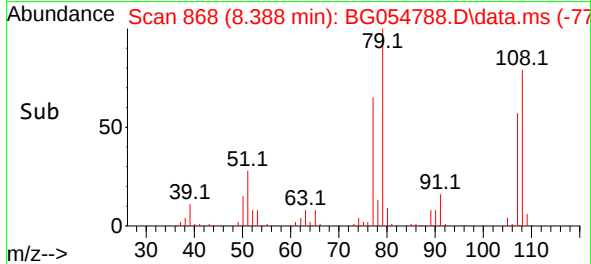
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



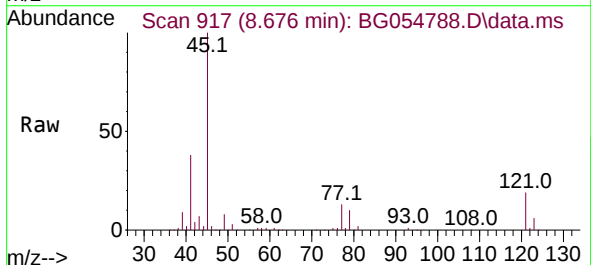
Tgt Ion: 79 Resp: 129468
Ion Ratio Lower Upper
79 100
108 78.8 63.4 95.0
77 65.1 55.0 82.4

Manual Integrations
APPROVED

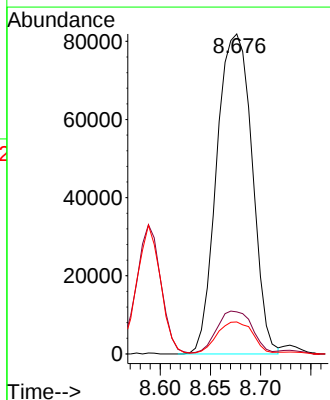
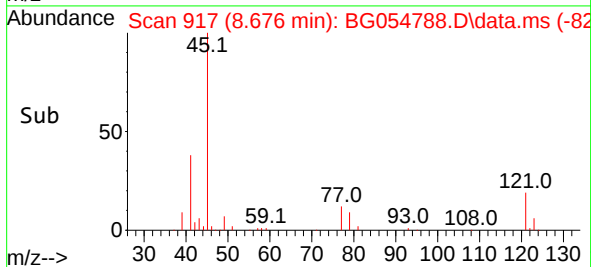
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

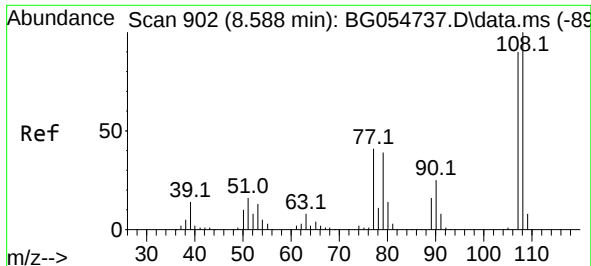


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.176 ng
RT: 8.676 min Scan# 917
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47



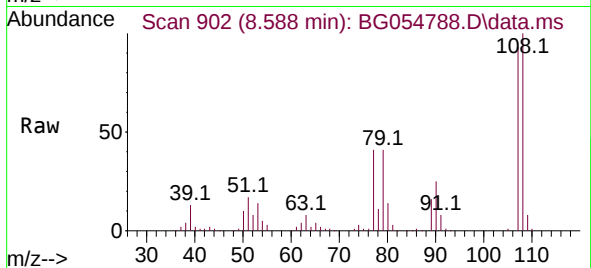
Tgt Ion: 45 Resp: 200581
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.8
79 10.0 0.0 30.4





#17
2-Methylphenol
Concen: 54.881 ng
RT: 8.588 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

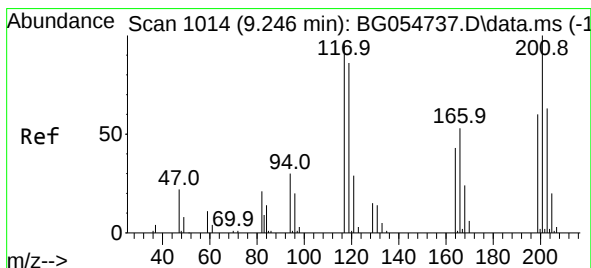
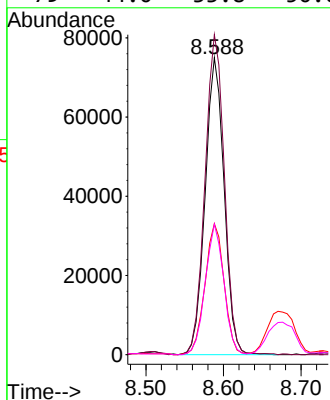
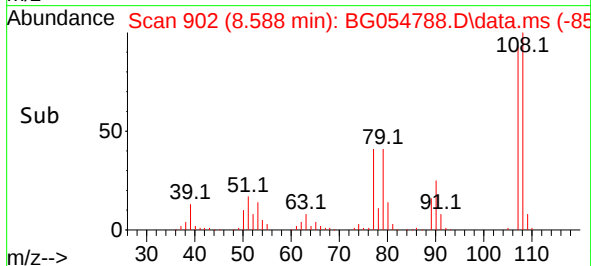
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:	107	Resp:	127662
Ion Ratio	Lower	Upper	
107	100		
108	107.8	85.6	128.4
77	44.1	35.8	53.8
79	44.0	33.8	50.6

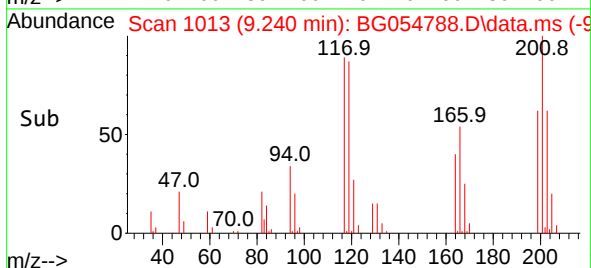
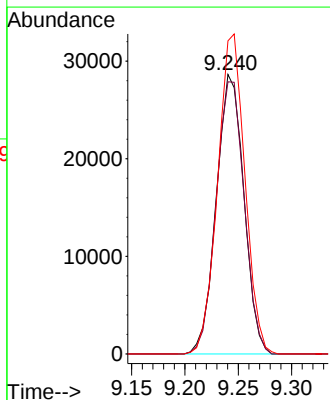
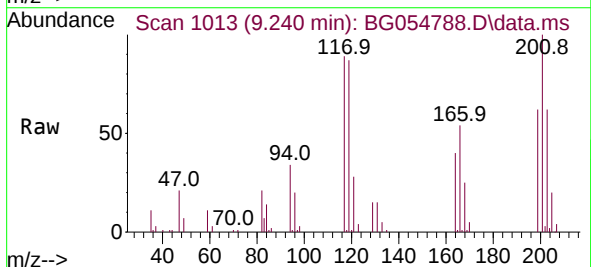
Manual Integrations
APPROVED

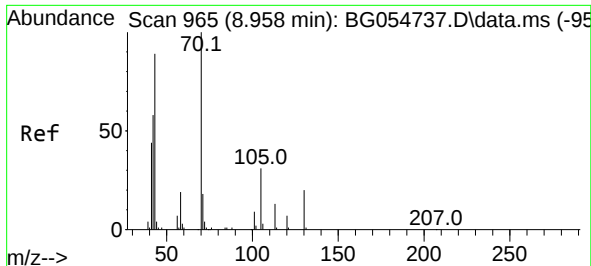
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#18
Hexachloroethane
Concen: 46.407 ng
RT: 9.240 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

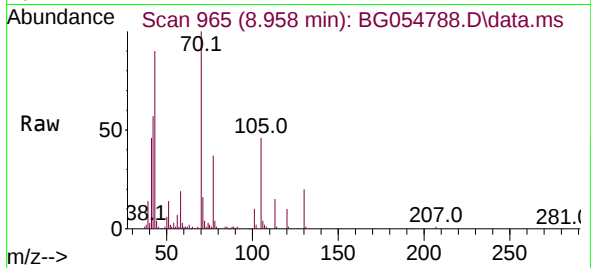
Tgt Ion:	117	Resp:	51555
Ion Ratio	Lower	Upper	
117	100		
119	97.4	77.0	115.6
201	112.0	87.2	130.8





#19
n-Nitroso-di-n-propylamine
Concen: 50.165 ng
RT: 8.958 min Scan# 965
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

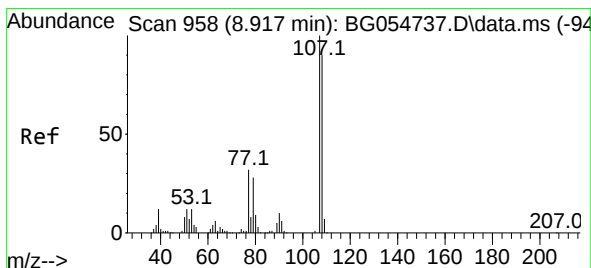
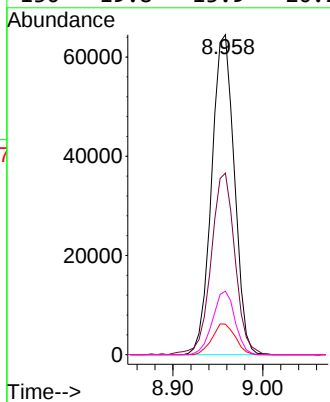
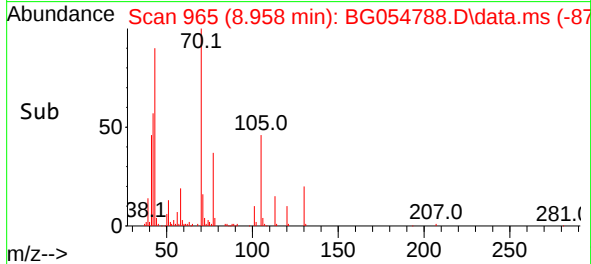
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion: 70 Resp: 11333
Ion Ratio Lower Upper
70 100
42 56.7 46.6 69.8
101 9.5 7.7 11.5
130 19.8 13.9 20.9

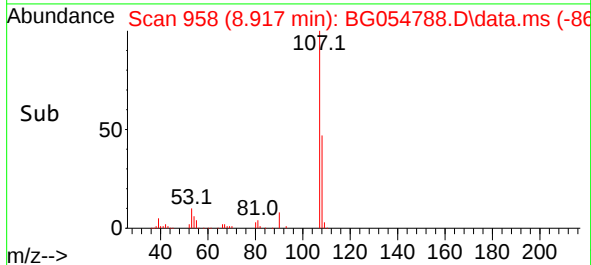
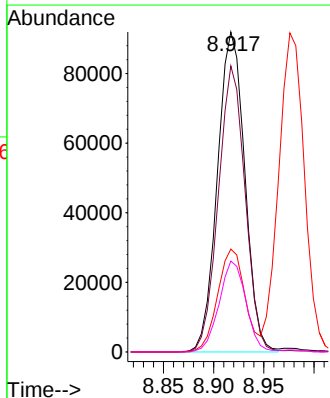
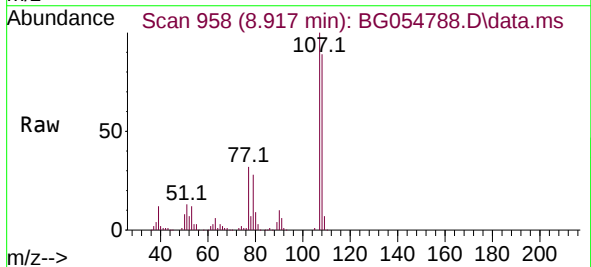
Manual Integrations
APPROVED

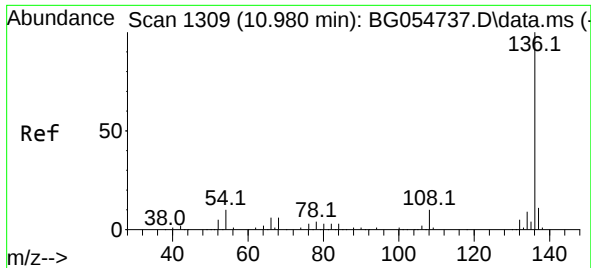
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#20
3+4-Methylphenols
Concen: 54.005 ng
RT: 8.917 min Scan# 958
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

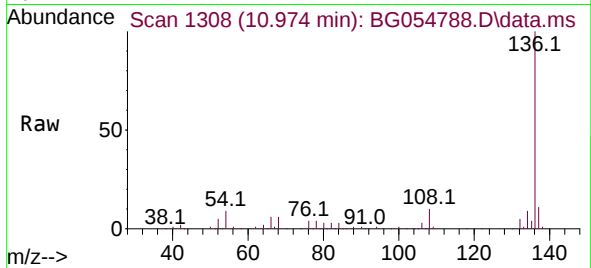
Tgt Ion:107 Resp: 174203
Ion Ratio Lower Upper
107 100
108 89.4 71.6 111.6
77 32.1 13.1 53.1
79 28.4 7.9 47.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

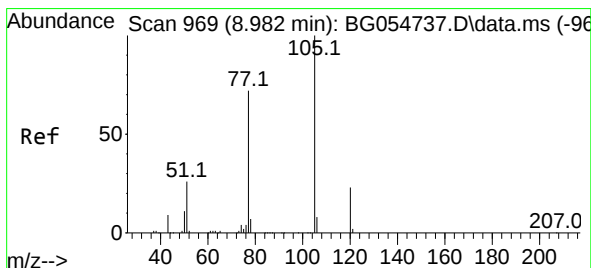
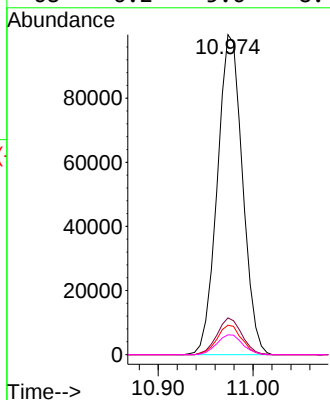
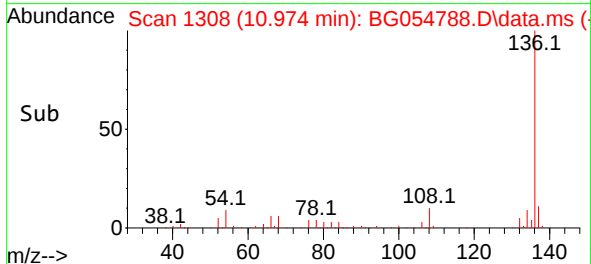
Instrument : BNA_G
ClientSampleId : ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:136 Resp: 183937
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 9.2 7.7 11.5
68 6.2 5.6 8.4

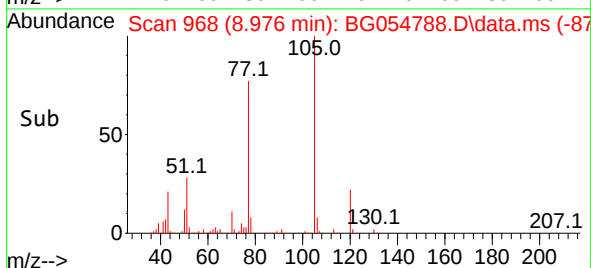
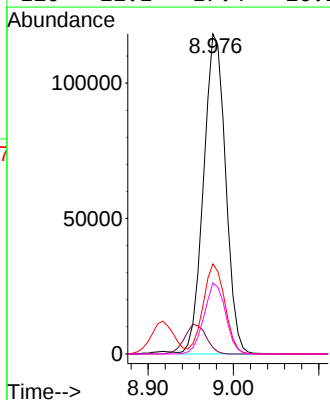
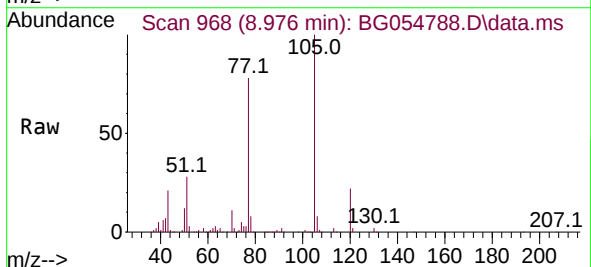
Manual Integrations
APPROVED

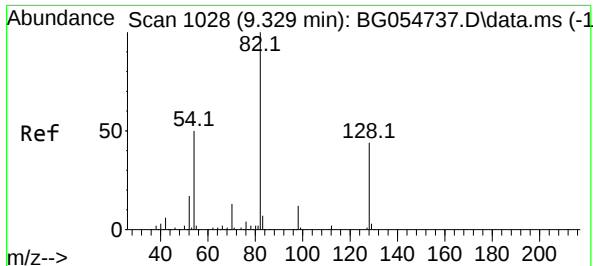
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#22
Acetophenone
Concen: 46.045 ng
RT: 8.976 min Scan# 968
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

Tgt Ion:105 Resp: 211887
Ion Ratio Lower Upper
105 100
71 2.0 1.2 1.8#
51 28.1 22.9 34.3
120 22.1 17.4 26.2





#23

Nitrobenzene-d5

Concen: 70.235 ng

RT: 9.323 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BG054788.D

Acq: 30 Aug 2022 13:47

Instrument :

BNA_G

ClientSampleId :

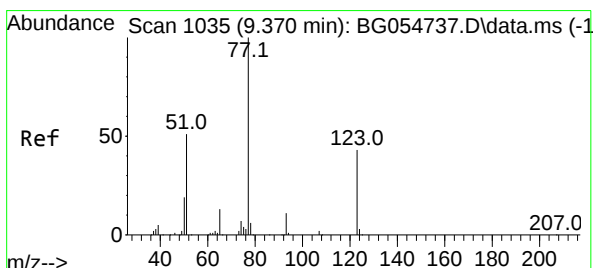
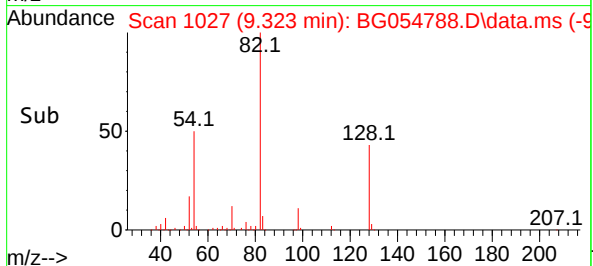
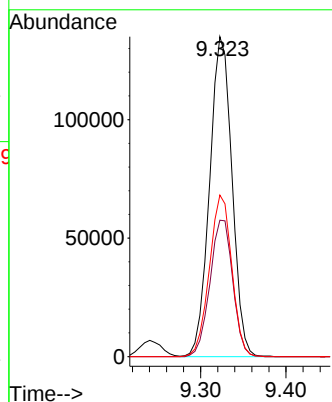
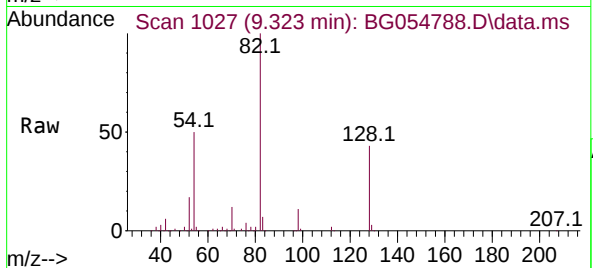
ROCK-FINES-QA/QC-COMPMSD

Tgt Ion:	82	Resp:	246088
Ion Ratio	Lower	Upper	
82	100		
128	42.6	32.2	48.2
54	50.5	41.4	62.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#24

Nitrobenzene

Concen: 43.919 ng

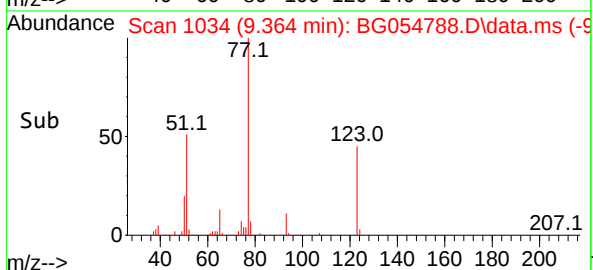
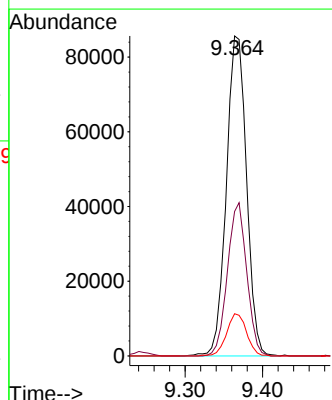
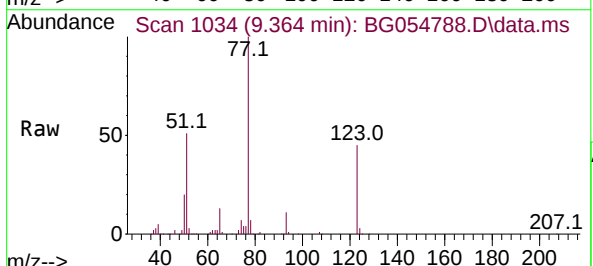
RT: 9.364 min Scan# 1034

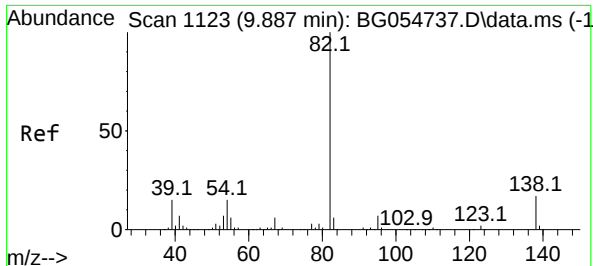
Delta R.T. -0.006 min

Lab File: BG054788.D

Acq: 30 Aug 2022 13:47

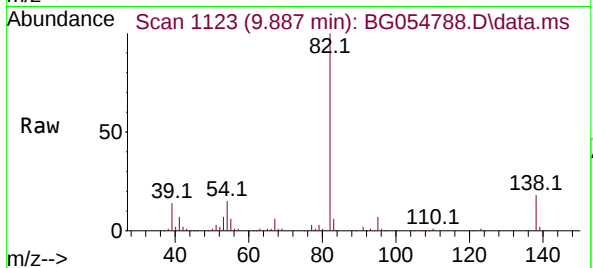
Tgt Ion:	77	Resp:	155104
Ion Ratio	Lower	Upper	
77	100		
123	45.1	35.0	52.6
65	13.2	10.2	15.2





#25
Isophorone
Concen: 48.502 ng
RT: 9.887 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

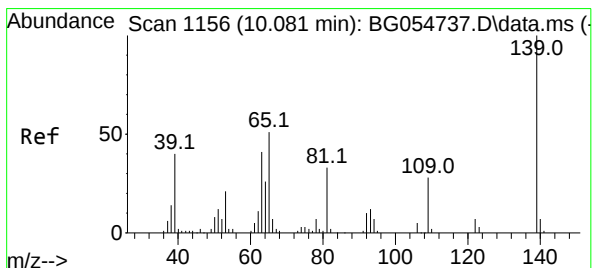
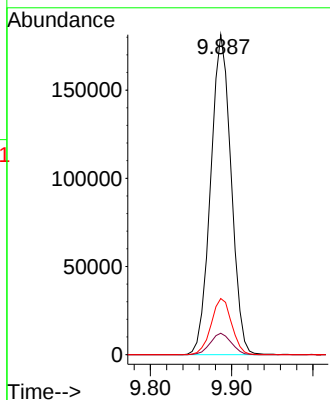
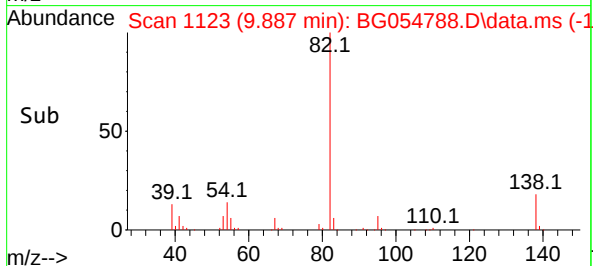
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



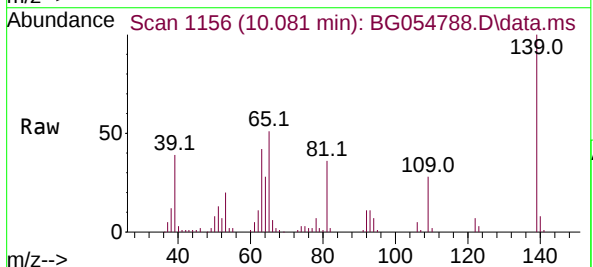
Tgt Ion: 82 Resp: 316862
Ion Ratio Lower Upper
82 100
95 6.7 5.6 8.4
138 17.5 13.9 20.9

Manual Integrations
APPROVED

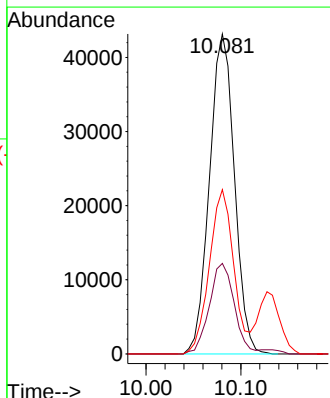
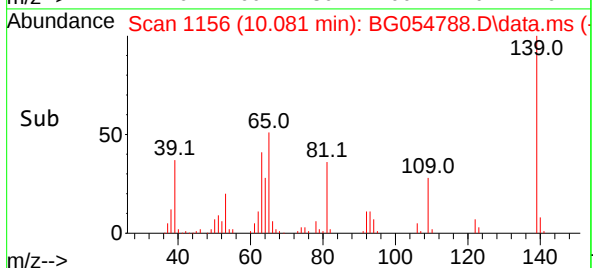
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

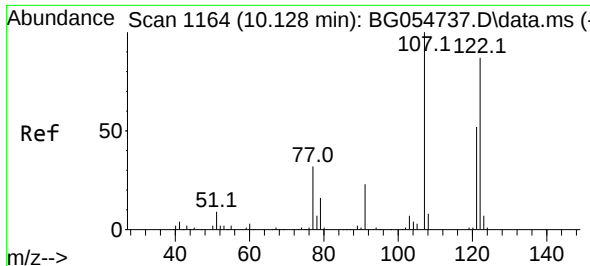


#26
2-Nitrophenol
Concen: 50.560 ng
RT: 10.081 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47



Tgt Ion:139 Resp: 78873
Ion Ratio Lower Upper
139 100
109 28.3 21.8 32.6
65 51.3 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 56.229 ng

RT: 10.128 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BG054788.D

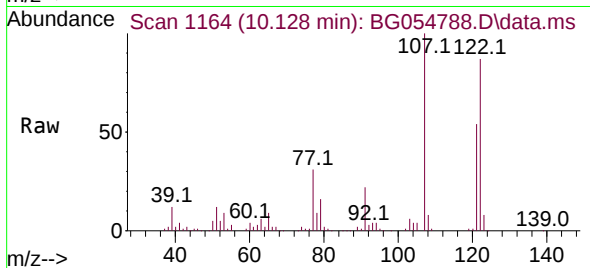
Acq: 30 Aug 2022 13:47

Instrument :

BNA_G

ClientSampleId :

ROCK-FINES-QA/QC-COMPMSD

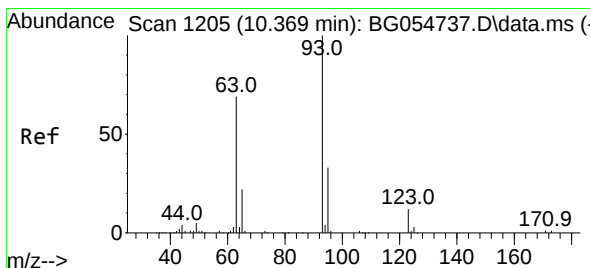
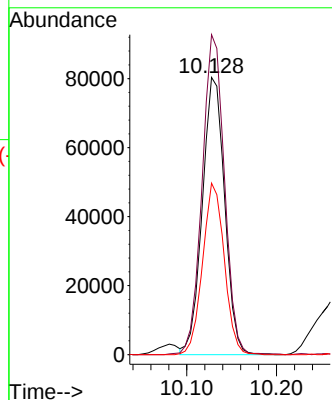
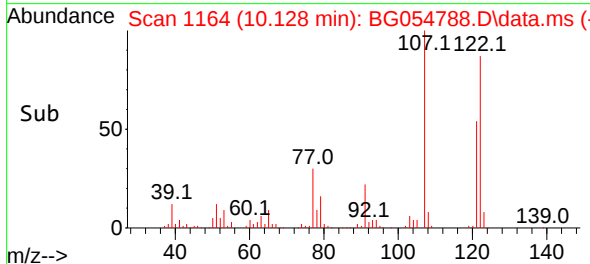


Tgt Ion:	122	Resp:	13898
Ion Ratio	Lower	Upper	
122	100		
107	115.4	94.6	142.0
121	61.8	49.8	74.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#28

bis(2-Chloroethoxy)methane

Concen: 50.688 ng

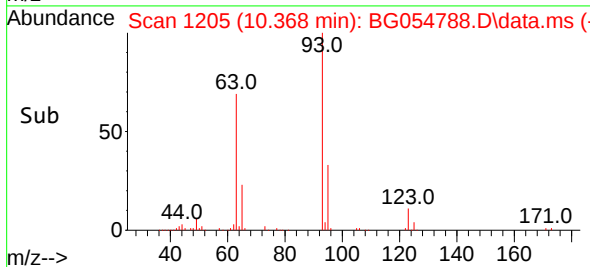
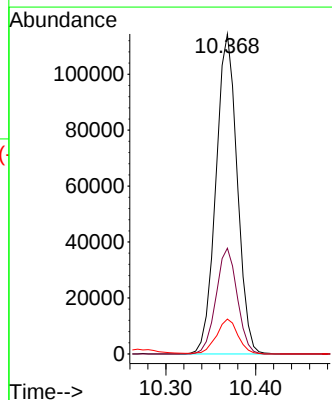
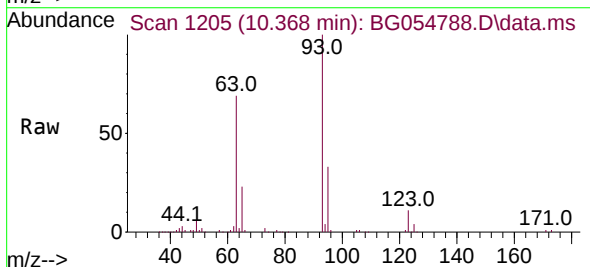
RT: 10.368 min Scan# 1205

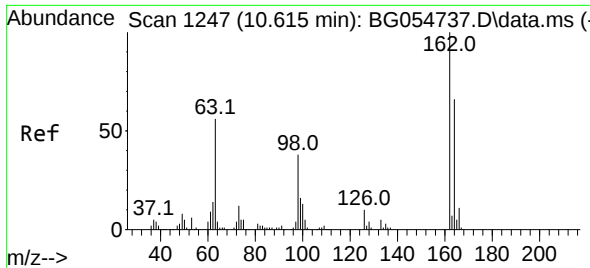
Delta R.T. -0.000 min

Lab File: BG054788.D

Acq: 30 Aug 2022 13:47

Tgt Ion:	93	Resp:	188698
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.2	39.2
123	10.9	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 51.818 ng

RT: 10.615 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BG054788.D

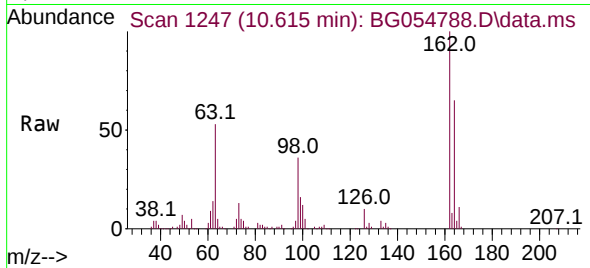
Acq: 30 Aug 2022 13:47

Instrument :

BNA_G

ClientSampleId :

ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:162 Resp: 145678

Ion Ratio Lower Upper

162 100

164 65.5 47.2 87.2

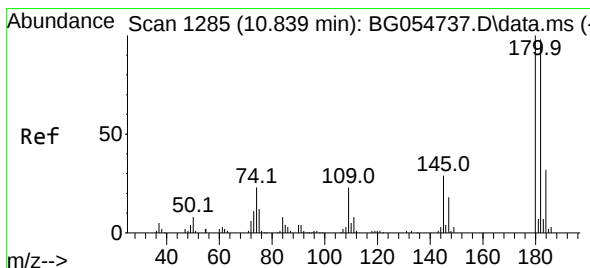
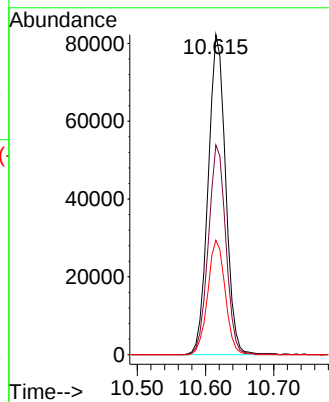
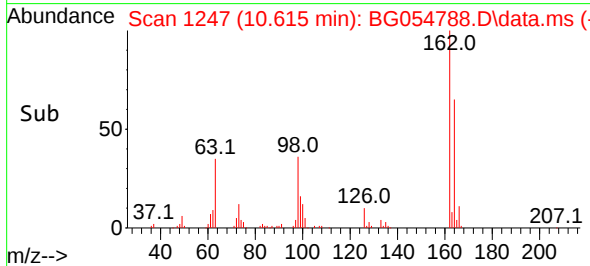
98 35.7 16.6 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/31/2022

Supervised By :Jagrut Upadhyay 08/31/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.421 ng

RT: 10.833 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BG054788.D

Acq: 30 Aug 2022 13:47

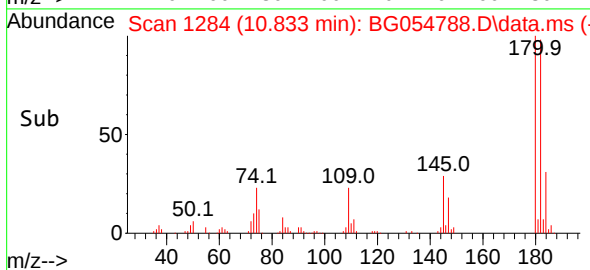
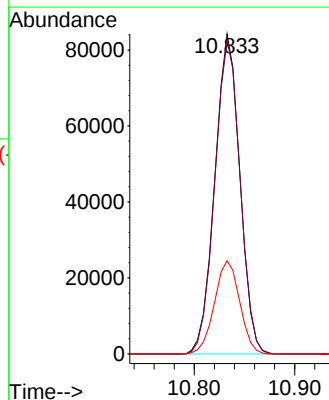
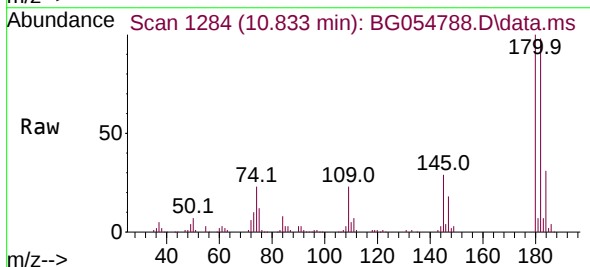
Tgt Ion:180 Resp: 145927

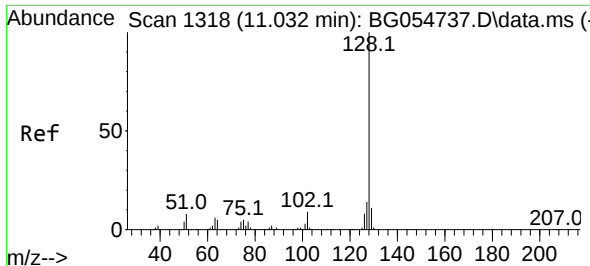
Ion Ratio Lower Upper

180 100

182 97.9 77.0 115.6

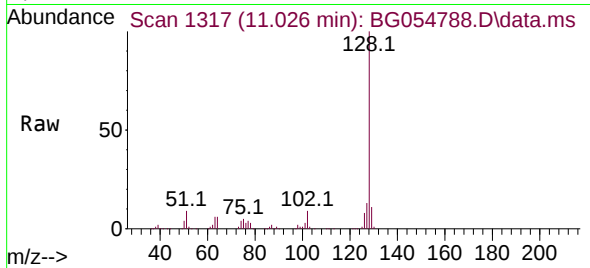
145 29.1 24.0 36.0





#31
Naphthalene
Concen: 45.020 ng
RT: 11.026 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

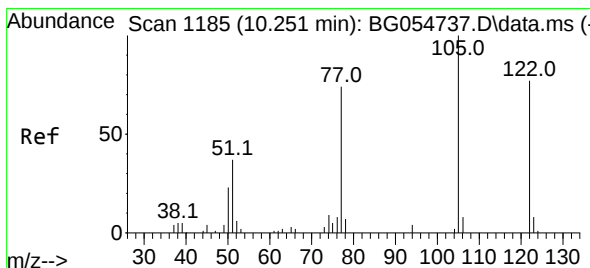
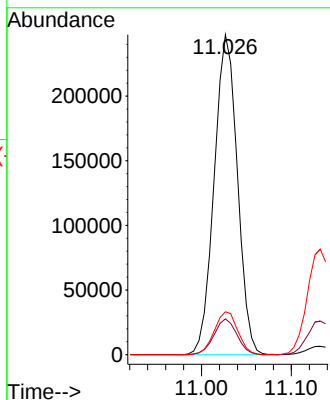
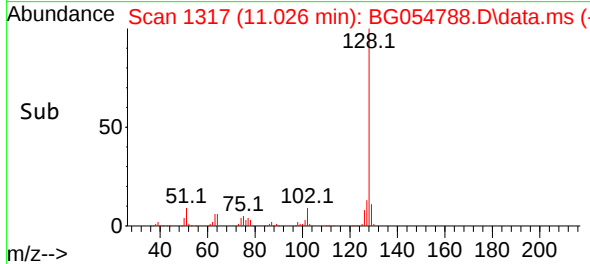
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:128 Resp: 444283
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.4 11.1 16.7

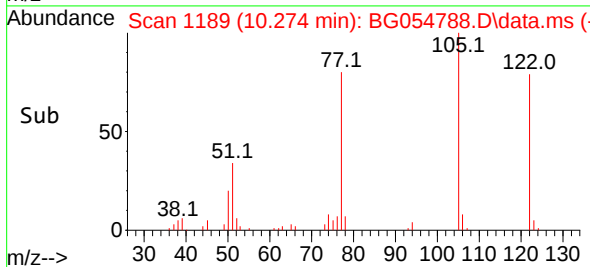
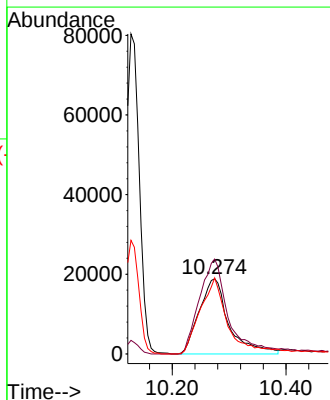
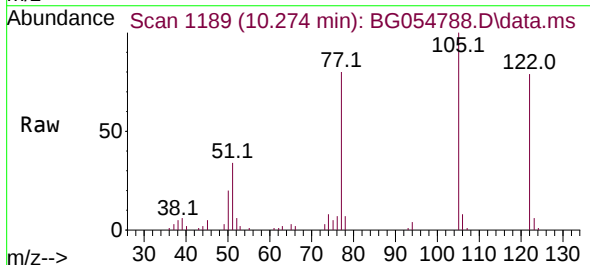
Manual Integrations
APPROVED

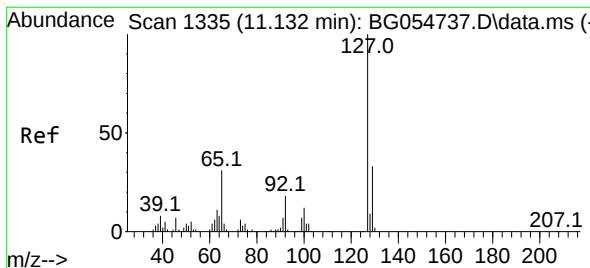
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#32
Benzoic acid
Concen: 40.160 ng
RT: 10.274 min Scan# 1189
Delta R.T. 0.023 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

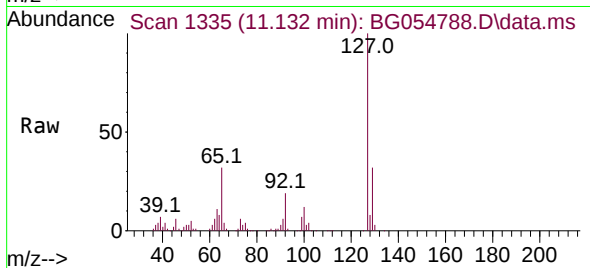
Tgt Ion:122 Resp: 68181
Ion Ratio Lower Upper
122 100
105 126.2 101.5 141.5
77 101.1 69.3 109.3





#33
4-Chloroaniline
Concen: 39.020 ng
RT: 11.132 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

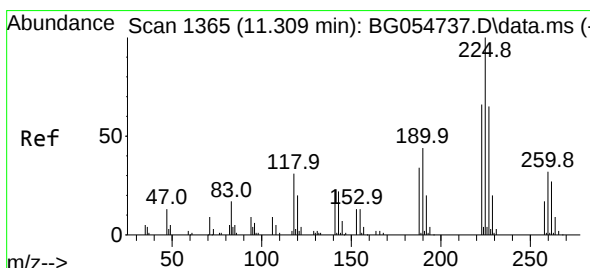
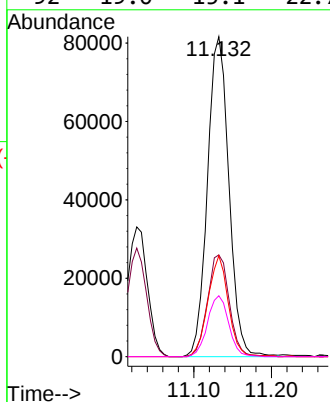
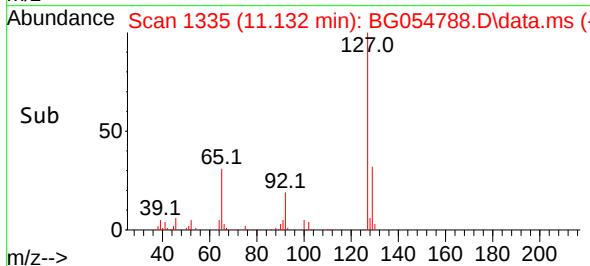
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



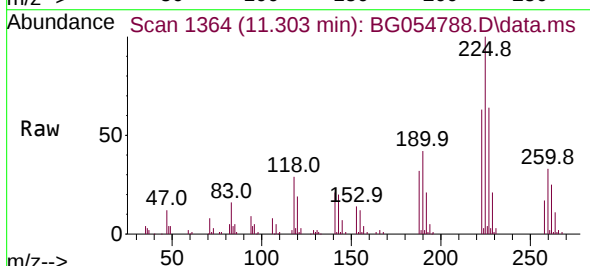
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.0	39.0
65	31.6	25.8	38.8
92	19.0	15.1	22.7

Manual Integrations
APPROVED

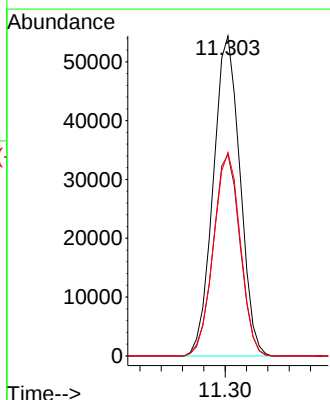
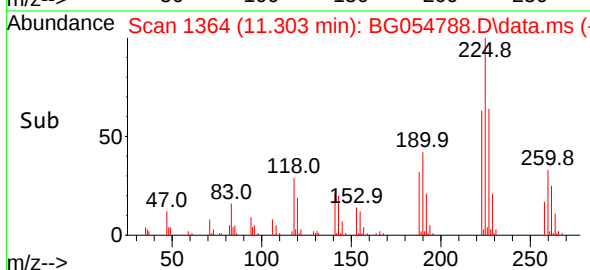
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

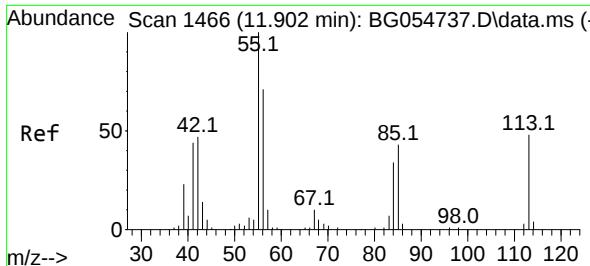


#34
Hexachlorobutadiene
Concen: 46.016 ng
RT: 11.303 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47



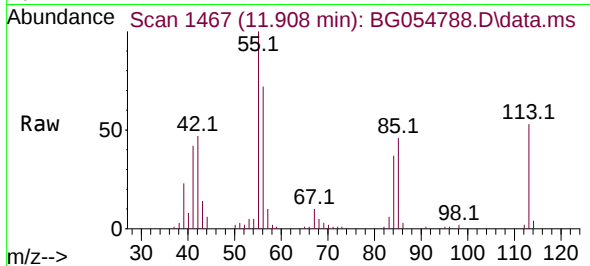
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.4	77.0
227	63.5	52.6	79.0





#35
Caprolactam
Concen: 51.086 ng m
RT: 11.908 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

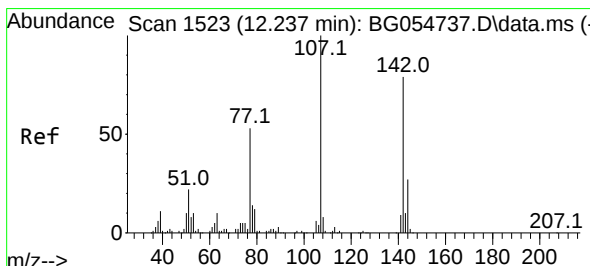
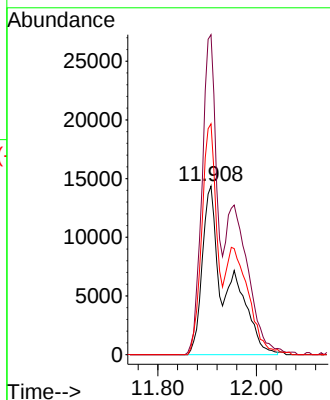
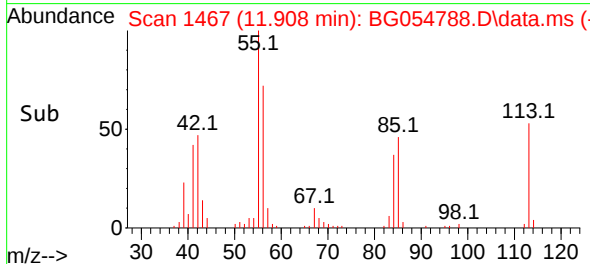
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:113 Resp: 50669
Ion Ratio Lower Upper
113 100
55 190.1 179.1 219.1
56 137.1 120.8 160.8

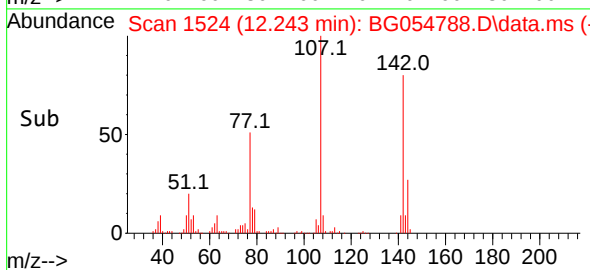
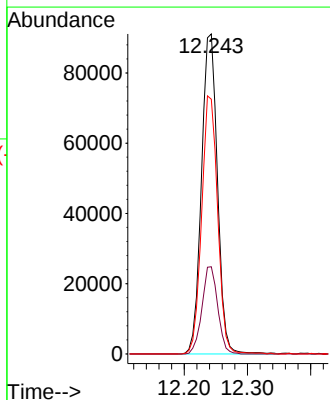
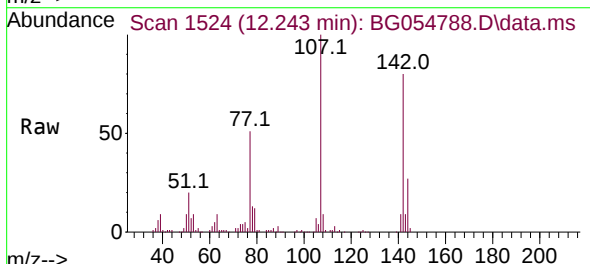
Manual Integrations
APPROVED

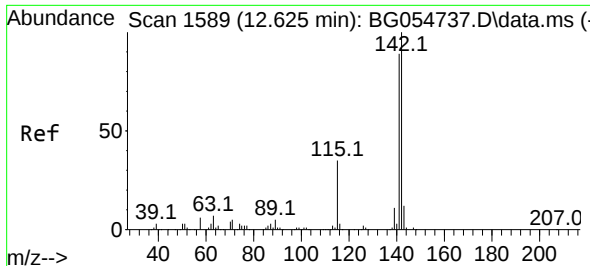
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#36
4-Chloro-3-methylphenol
Concen: 51.988 ng
RT: 12.243 min Scan# 1524
Delta R.T. 0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

Tgt Ion:107 Resp: 159827
Ion Ratio Lower Upper
107 100
144 27.2 22.4 33.6
142 79.6 65.8 98.8





#37

2-Methylnaphthalene

Concen: 47.631 ng

RT: 12.625 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BG054788.D

Acq: 30 Aug 2022 13:47

Instrument :

BNA_G

ClientSampleId :

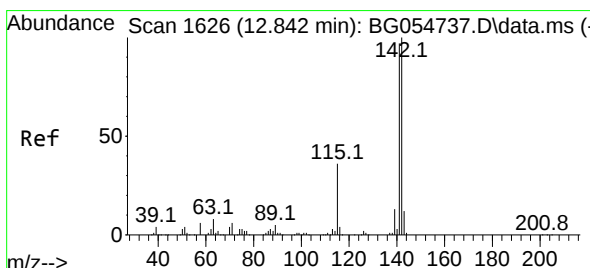
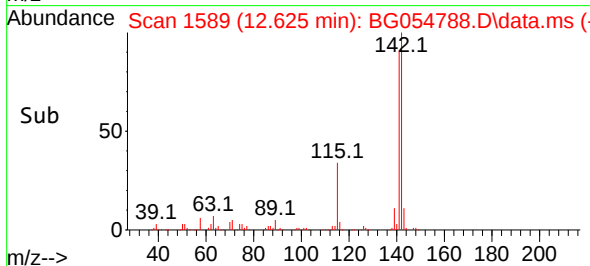
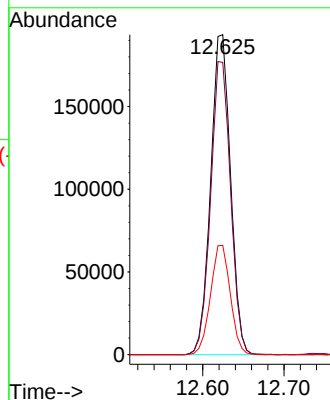
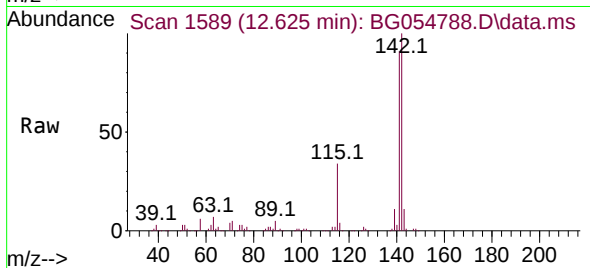
ROCK-FINES-QA/QC-COMPMSD

Tgt Ion:142	Resp:	32945
Ion Ratio	Lower	Upper
142	100	
141	91.3	73.0 109.4
115	34.2	27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#38

1-Methylnaphthalene

Concen: 46.551 ng

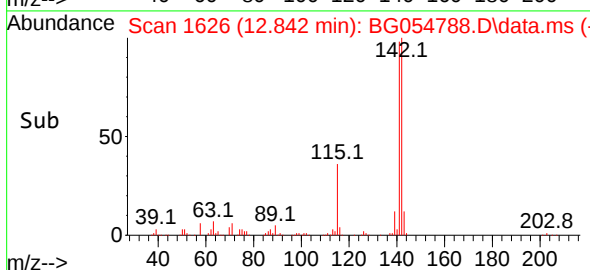
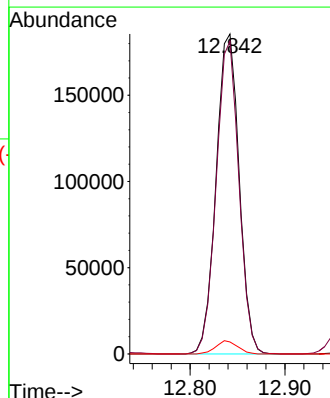
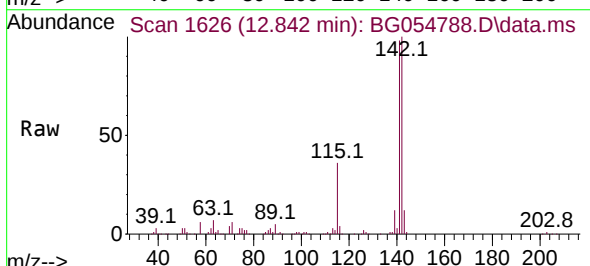
RT: 12.842 min Scan# 1626

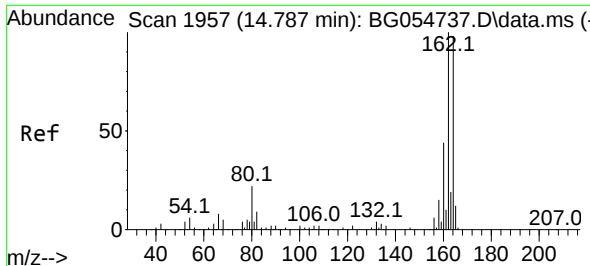
Delta R.T. -0.000 min

Lab File: BG054788.D

Acq: 30 Aug 2022 13:47

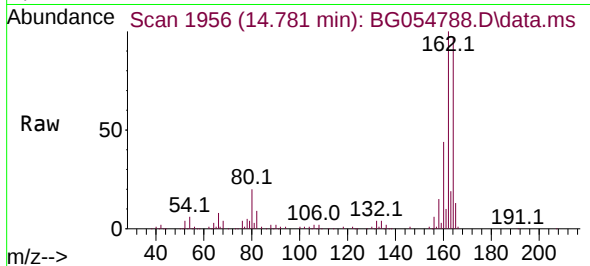
Tgt Ion:142	Resp:	313269
Ion Ratio	Lower	Upper
142	100	
141	97.7	77.4 116.0
116	3.7	3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

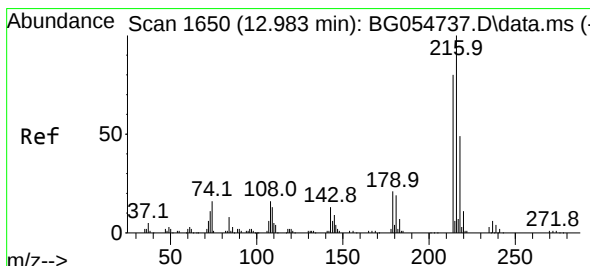
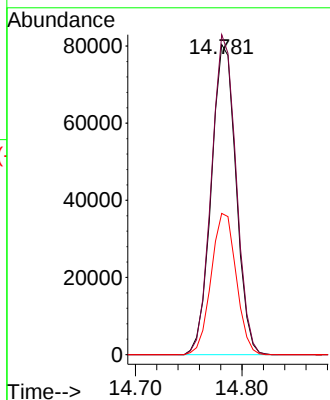
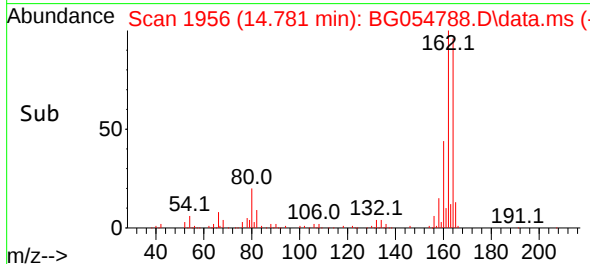
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:164 Resp: 129497
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.4
160 45.6 38.0 57.0

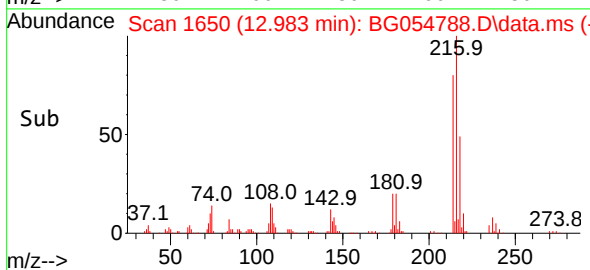
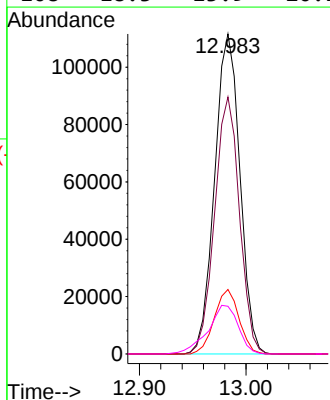
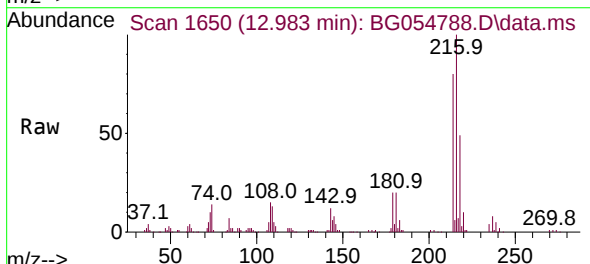
Manual Integrations
APPROVED

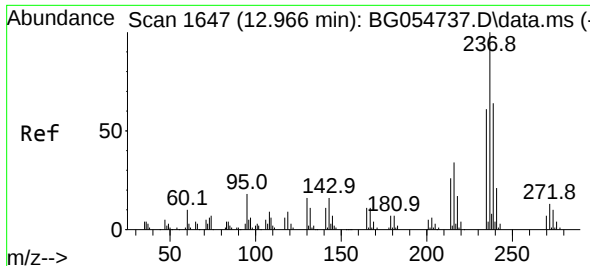
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.067 ng
RT: 12.983 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

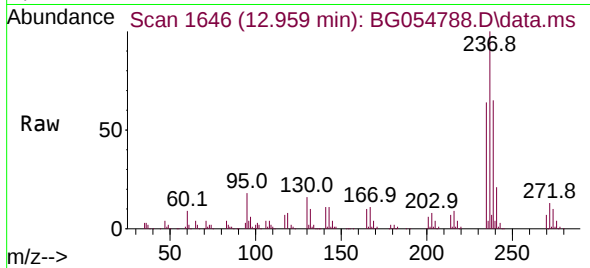
Tgt Ion:216 Resp: 183730
Ion Ratio Lower Upper
216 100
214 78.8 63.2 94.8
179 19.7 16.5 24.7
108 18.3 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 102.504 ng
RT: 12.959 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

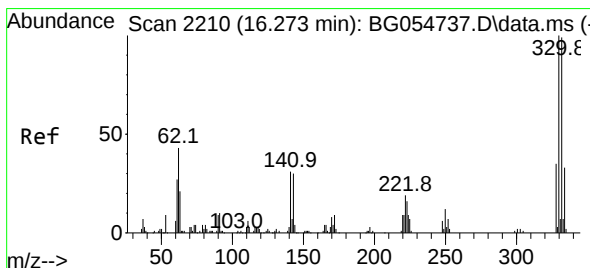
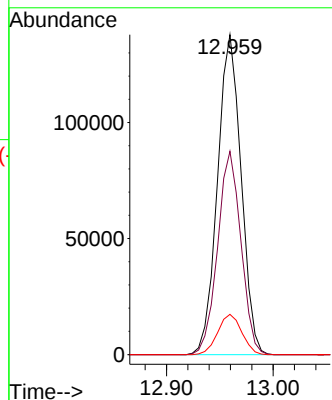
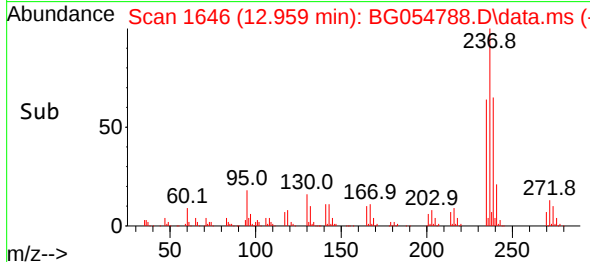
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:237 Resp: 212204
Ion Ratio Lower Upper
237 100
235 63.5 42.2 82.2
272 12.6 0.0 34.0

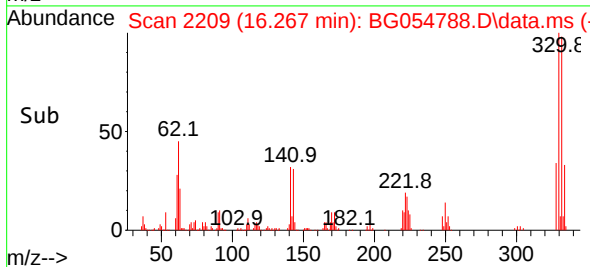
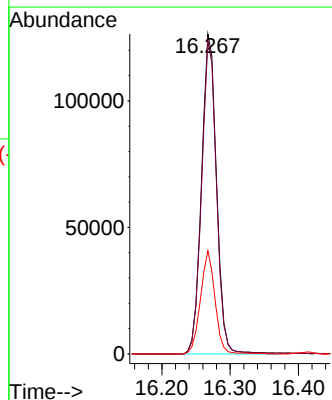
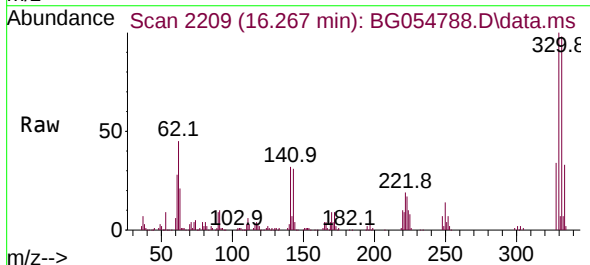
Manual Integrations
APPROVED

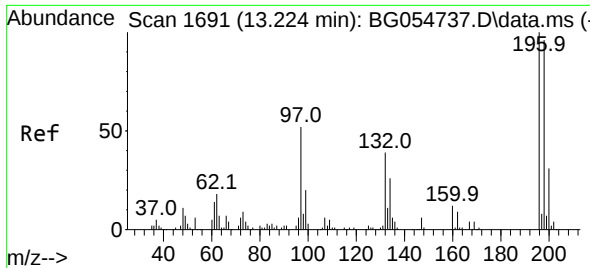
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#42
2,4,6-Tribromophenol
Concen: 119.626 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

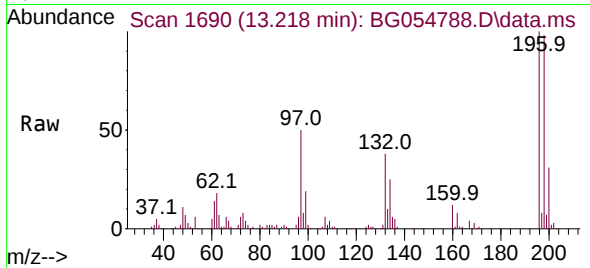
Tgt Ion:330 Resp: 193573
Ion Ratio Lower Upper
330 100
332 96.8 79.8 119.6
141 31.0 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 48.359 ng
RT: 13.218 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

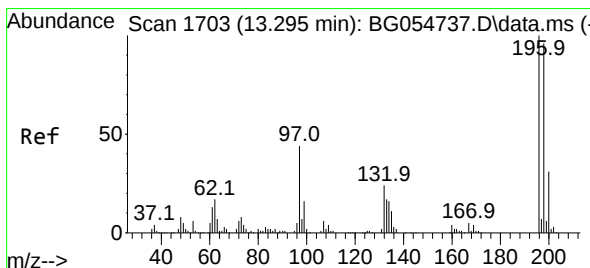
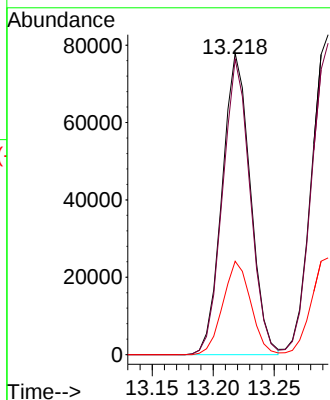
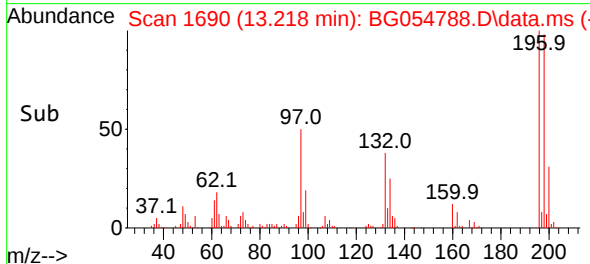
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



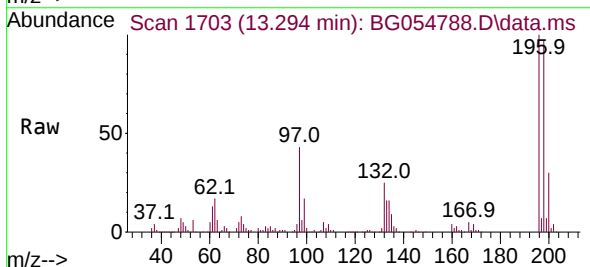
Tgt Ion:196 Resp: 125299
Ion Ratio Lower Upper
196 100
198 98.0 77.1 115.7
200 31.0 24.2 36.4

Manual Integrations
APPROVED

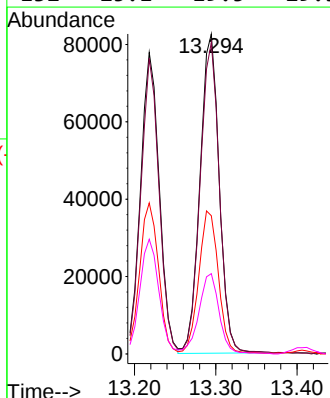
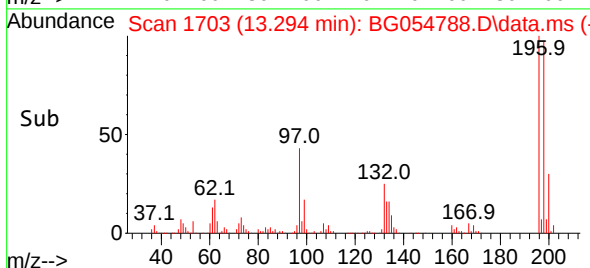
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

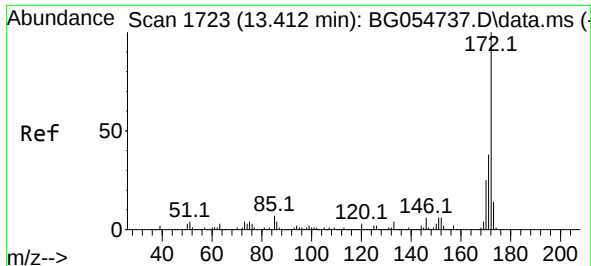


#44
2,4,5-Trichlorophenol
Concen: 46.621 ng
RT: 13.294 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47



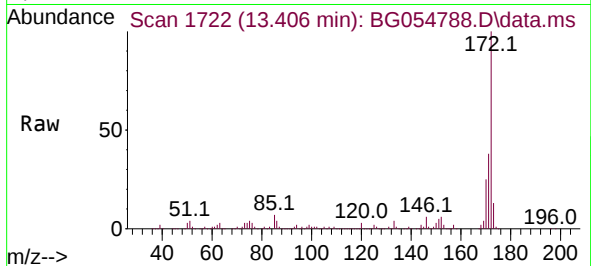
Tgt Ion:196 Resp: 135658
Ion Ratio Lower Upper
196 100
198 97.3 76.7 115.1
97 43.2 36.6 55.0
132 25.1 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 72.193 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

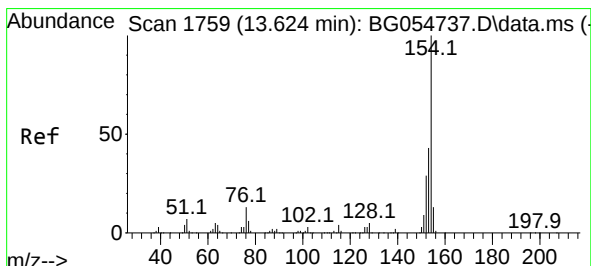
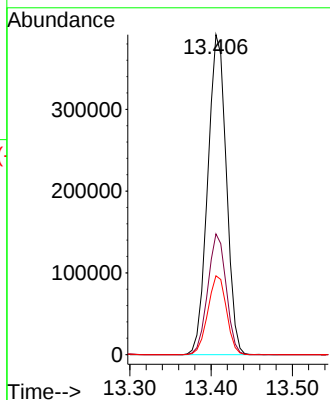
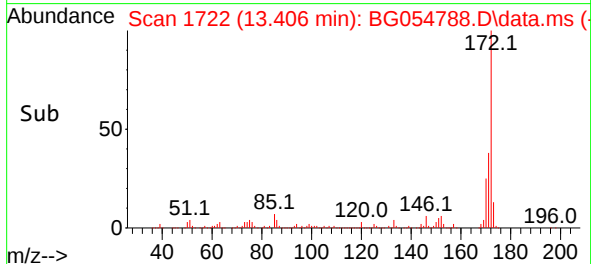
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:172 Resp: 621998
Ion Ratio Lower Upper
172 100
171 37.7 31.2 46.8
170 24.6 20.6 30.8

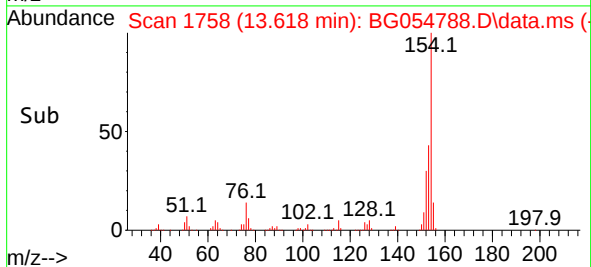
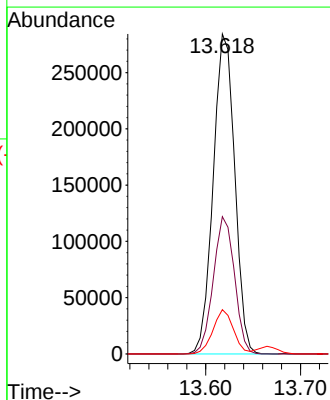
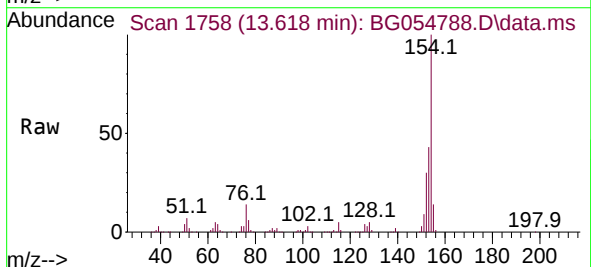
Manual Integrations
APPROVED

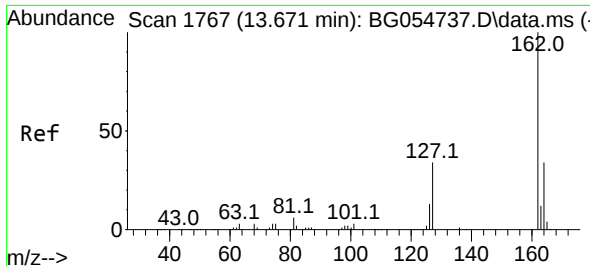
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#46
1,1'-Biphenyl
Concen: 46.586 ng
RT: 13.618 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

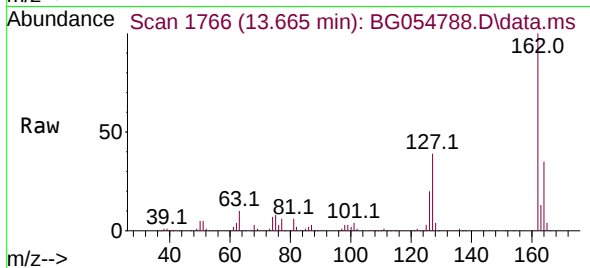
Tgt Ion:154 Resp: 447992
Ion Ratio Lower Upper
154 100
153 42.9 22.2 62.2
76 13.8 0.0 34.0





#47
2-Chloronaphthalene
Concen: 45.854 ng
RT: 13.665 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

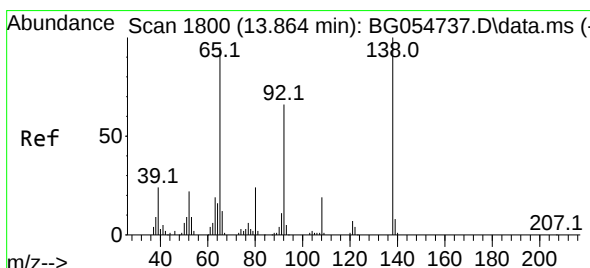
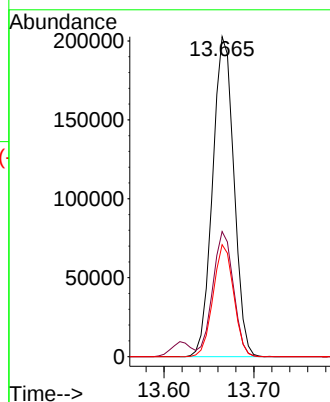
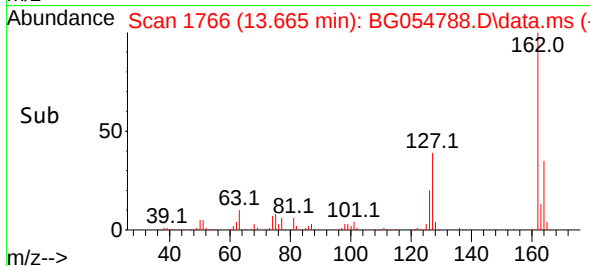
Instrument : BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:162 Resp: 334886
Ion Ratio Lower Upper
162 100
127 39.1 31.5 47.3
164 35.0 27.8 41.6

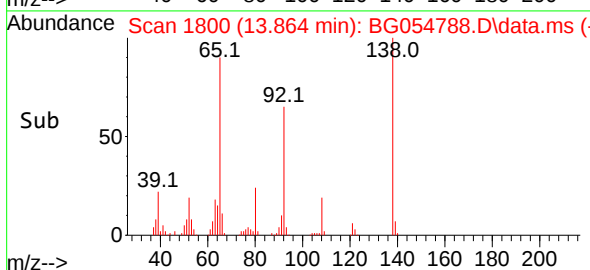
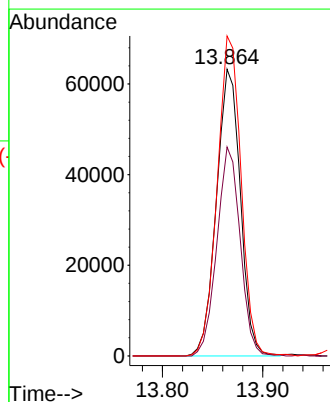
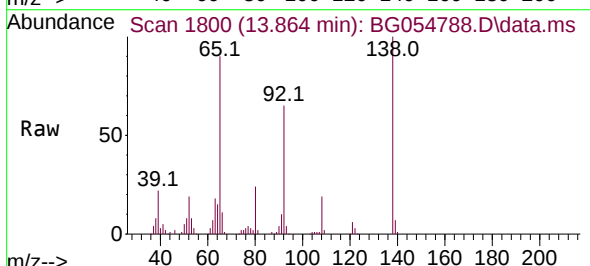
Manual Integrations
APPROVED

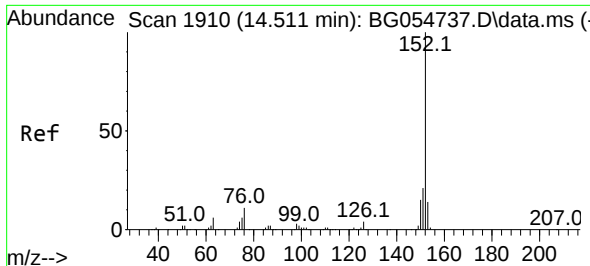
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#48
2-Nitroaniline
Concen: 45.884 ng
RT: 13.864 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

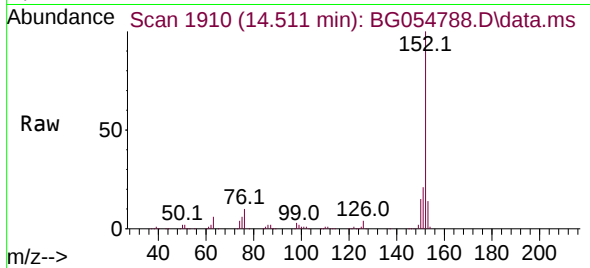
Tgt Ion: 65 Resp: 105020
Ion Ratio Lower Upper
65 100
92 72.9 54.7 82.1
138 111.6 84.1 126.1





#49
Acenaphthylene
Concen: 45.800 ng
RT: 14.511 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

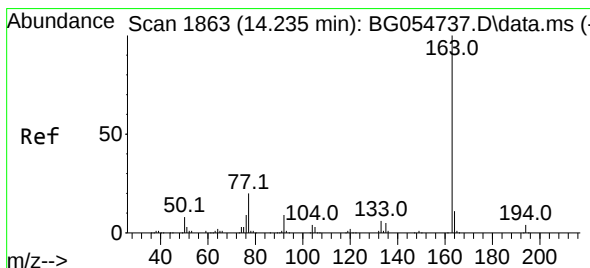
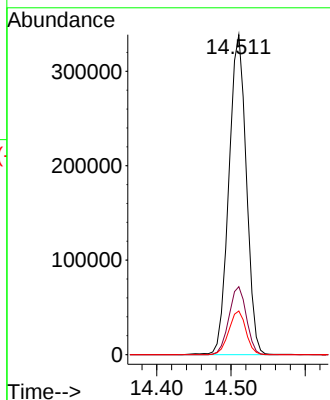
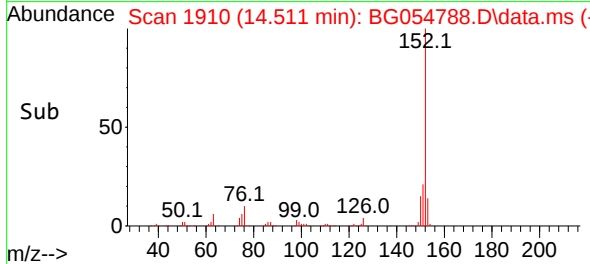
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



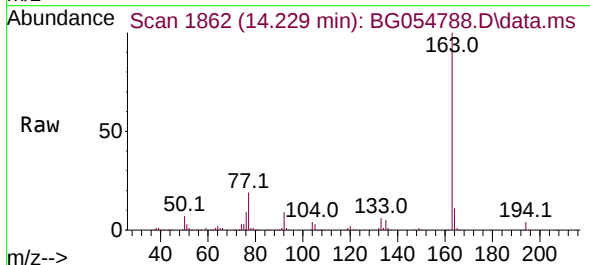
Tgt Ion:152 Resp: 551969
Ion Ratio Lower Upper
152 100
151 21.2 17.3 25.9
153 13.6 10.8 16.2

Manual Integrations
APPROVED

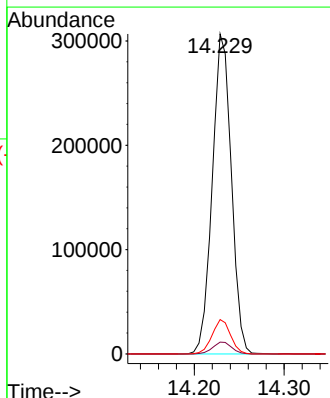
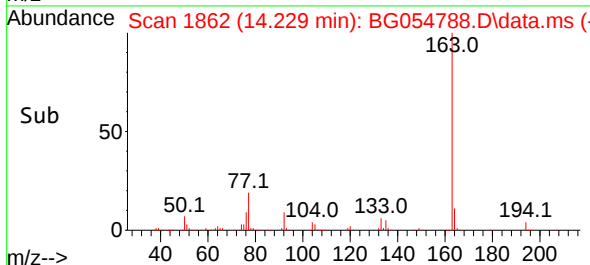
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

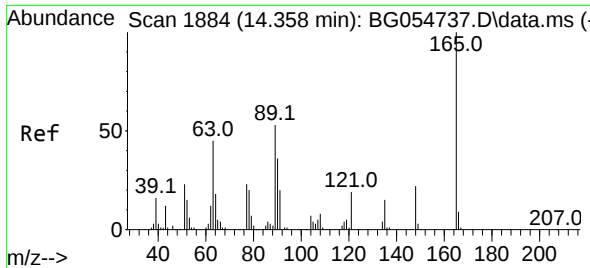


#50
Dimethylphthalate
Concen: 45.501 ng
RT: 14.229 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47



Tgt Ion:163 Resp: 453942
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.7 8.0 12.0





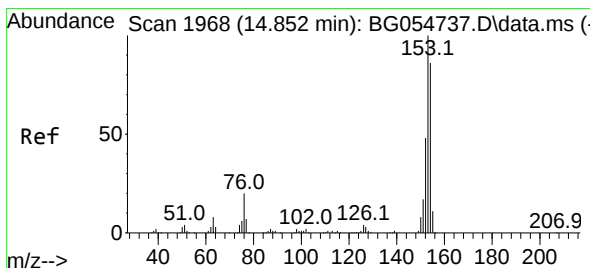
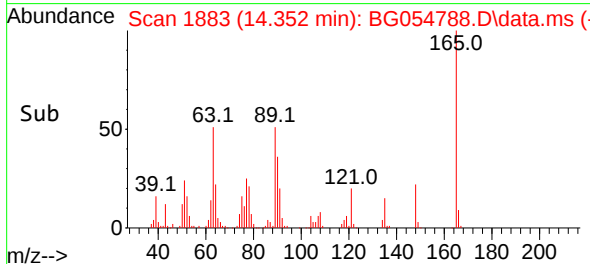
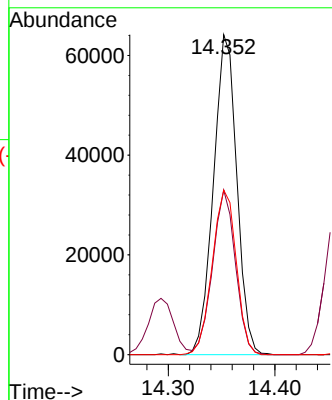
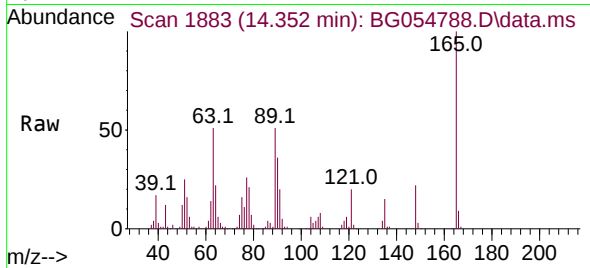
#51
2,6-Dinitrotoluene
Concen: 47.954 ng
RT: 14.352 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

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

Tgt Ion:165 Resp: 9785
Ion Ratio Lower Upper
165 100
63 51.5 46.0 69.0
89 51.4 50.3 75.5

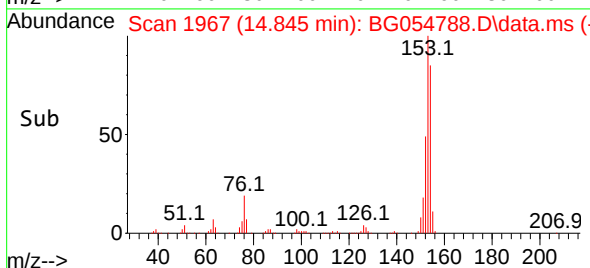
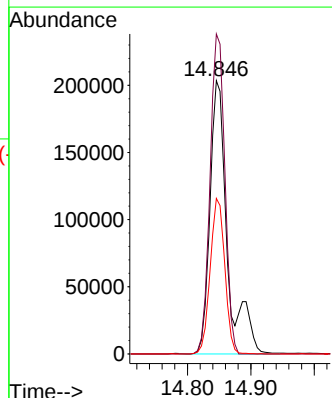
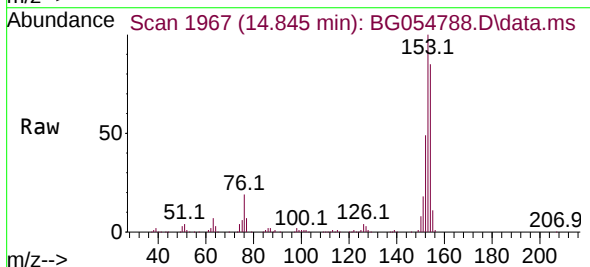
Manual Integrations
APPROVED

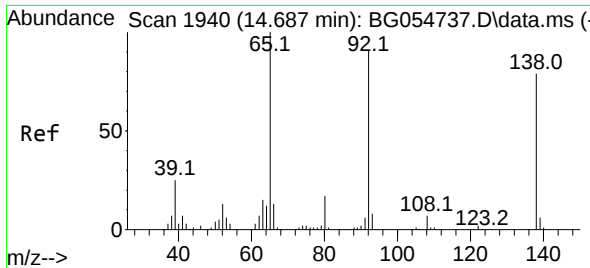
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#52
Acenaphthene
Concen: 50.443 ng m
RT: 14.845 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

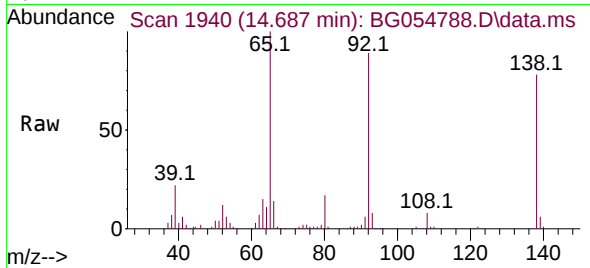
Tgt Ion:154 Resp: 390507
Ion Ratio Lower Upper
154 100
153 117.1 92.8 139.2
152 56.9 45.4 68.2





#53
3-Nitroaniline
Concen: 38.402 ng
RT: 14.687 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

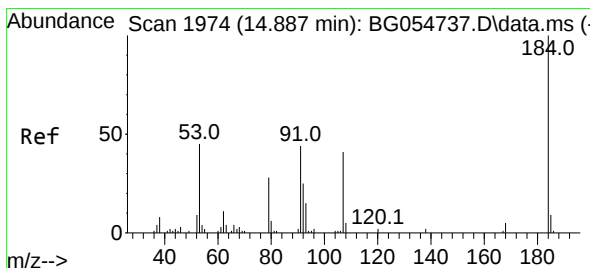
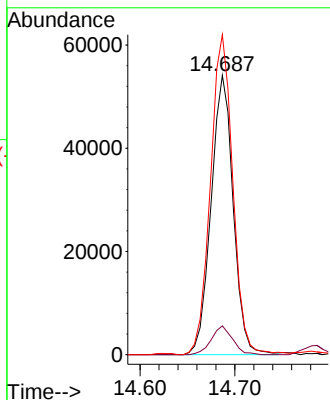
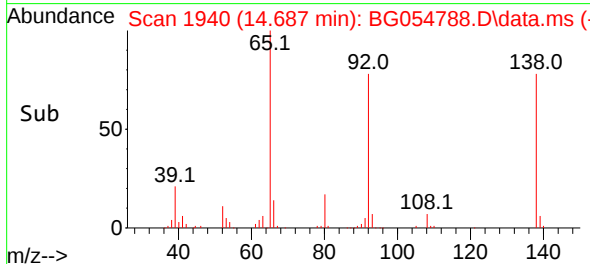
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



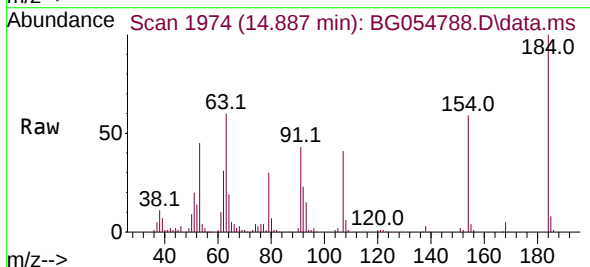
Tgt Ion:138 Resp: 87722
Ion Ratio Lower Upper
138 100
108 10.3 7.6 11.4
92 114.6 96.0 144.0

Manual Integrations
APPROVED

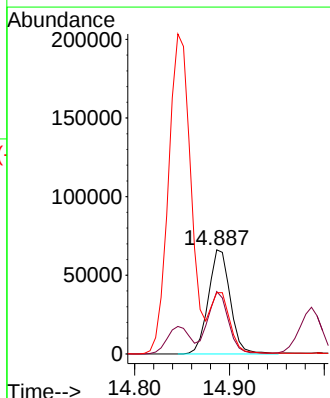
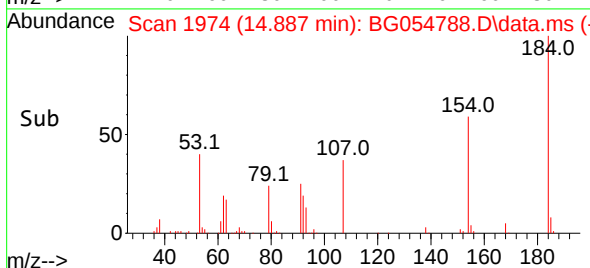
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

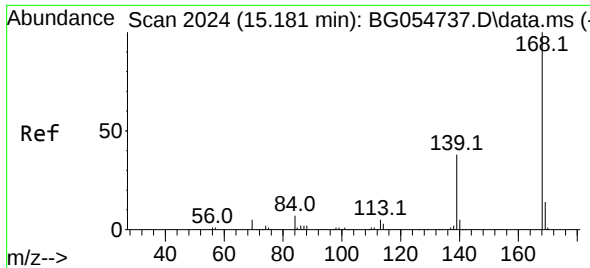


#54
2,4-Dinitrophenol
Concen: 90.995 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47



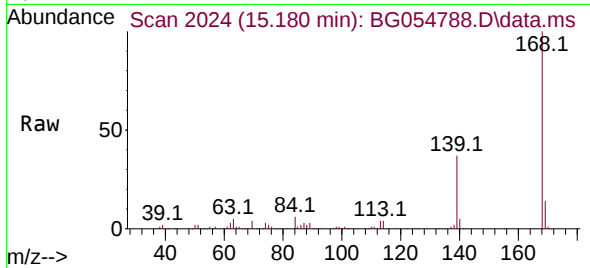
Tgt Ion:184 Resp: 105950
Ion Ratio Lower Upper
184 100
63 60.0 41.8 62.8
154 58.9 45.2 67.8





#55
Dibenzenofuran
Concen: 45.809 ng
RT: 15.180 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

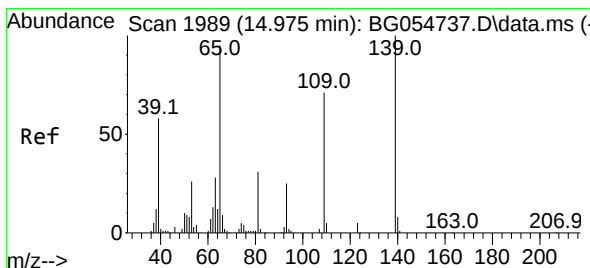
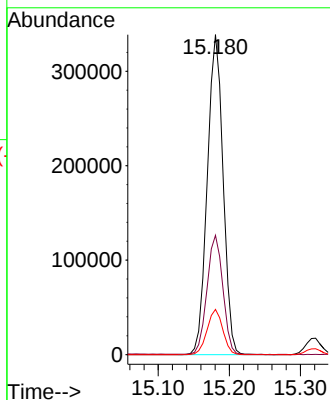
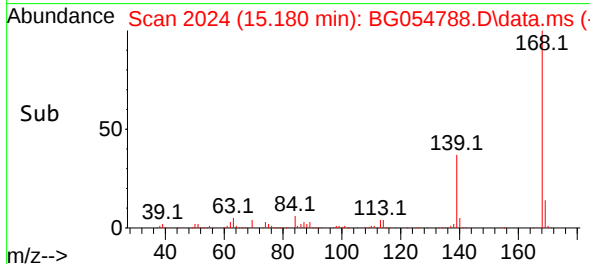
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:168 Resp: 521102
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.2
169 14.1 11.3 16.9

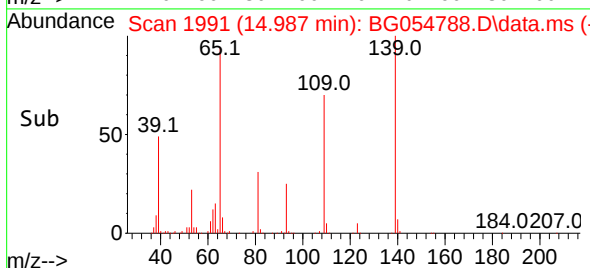
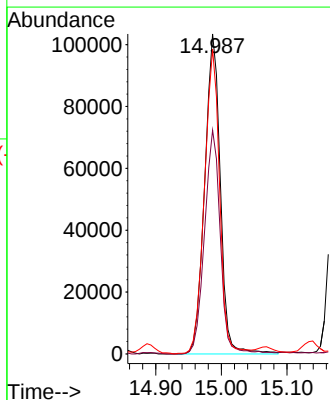
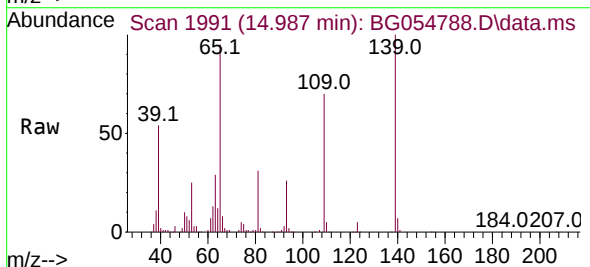
Manual Integrations
APPROVED

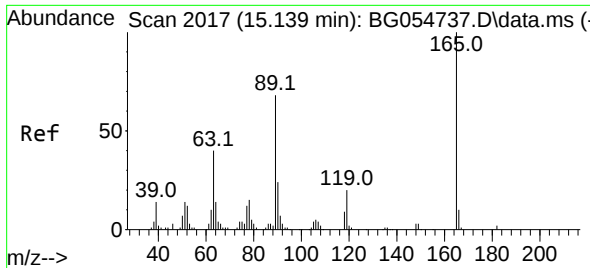
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#56
4-Nitrophenol
Concen: 96.521 ng
RT: 14.987 min Scan# 1991
Delta R.T. 0.012 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

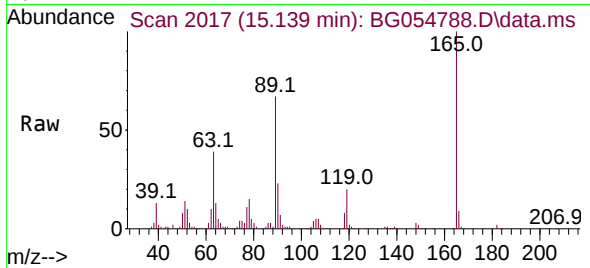
Tgt Ion:139 Resp: 170627
Ion Ratio Lower Upper
139 100
109 69.9 50.5 90.5
65 95.3 79.9 119.9





#57
2,4-Dinitrotoluene
Concen: 48.433 ng
RT: 15.139 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

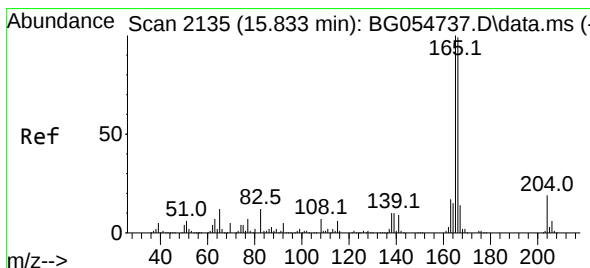
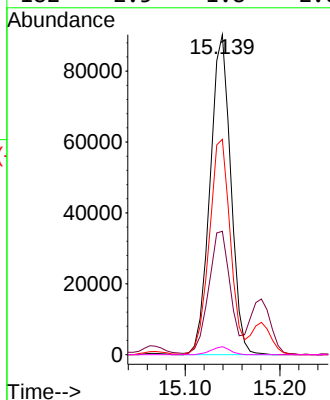
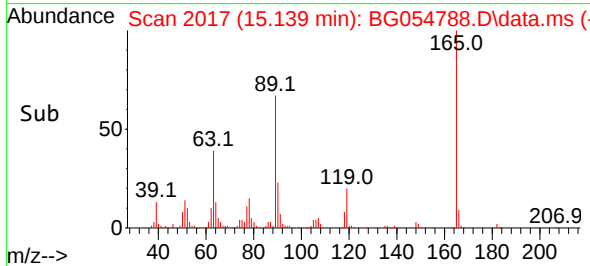
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:165 Resp: 136702
Ion Ratio Lower Upper
165 100
63 38.5 36.8 55.2
89 67.3 64.3 96.5
182 2.5 1.8 2.6

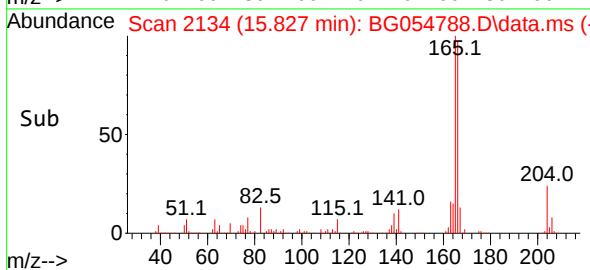
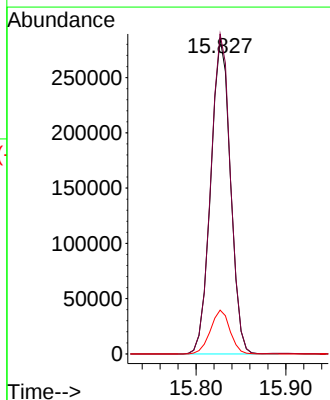
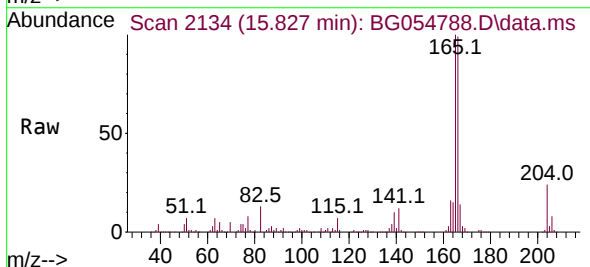
Manual Integrations
APPROVED

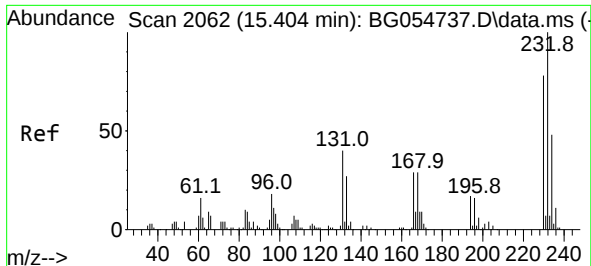
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#58
Fluorene
Concen: 45.442 ng
RT: 15.827 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

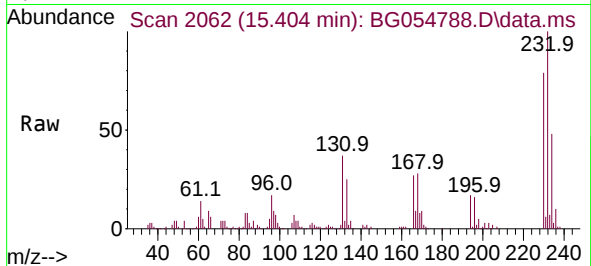
Tgt Ion:166 Resp: 435478
Ion Ratio Lower Upper
166 100
165 101.3 80.8 121.2
167 13.9 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.949 ng
RT: 15.404 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

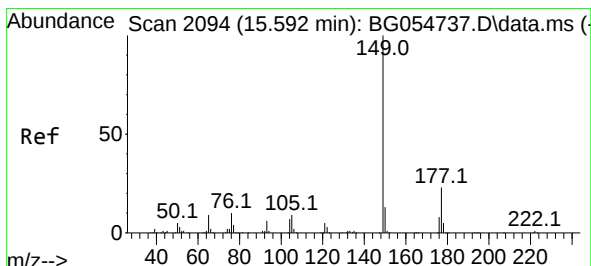
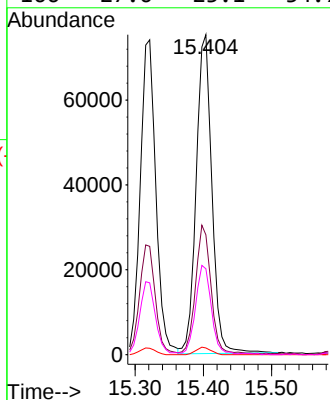
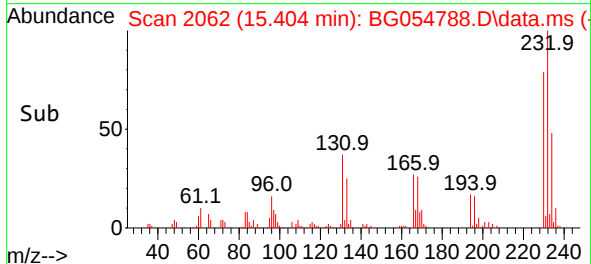
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



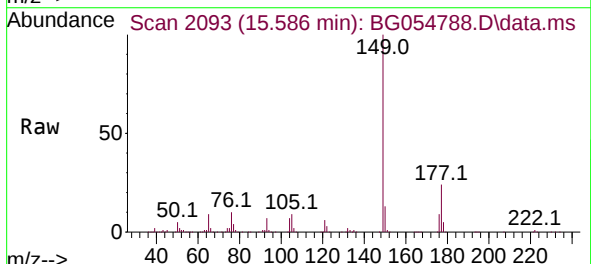
Tgt Ion:232 Resp: 120521
Ion Ratio Lower Upper
232 100
131 39.7 31.3 46.9
130 2.2 1.8 2.6
166 27.6 23.1 34.7

Manual Integrations
APPROVED

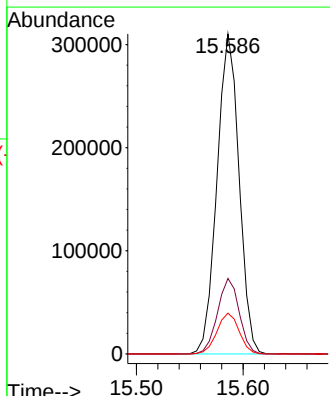
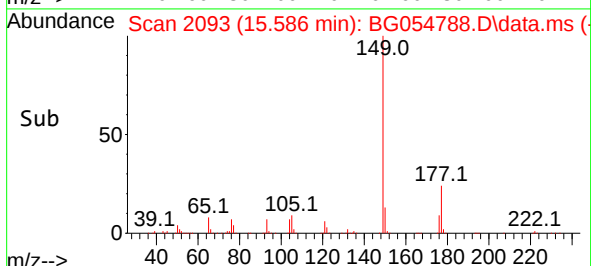
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

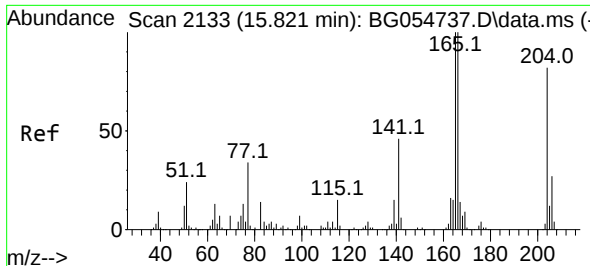


#60
Diethylphthalate
Concen: 44.844 ng
RT: 15.586 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47



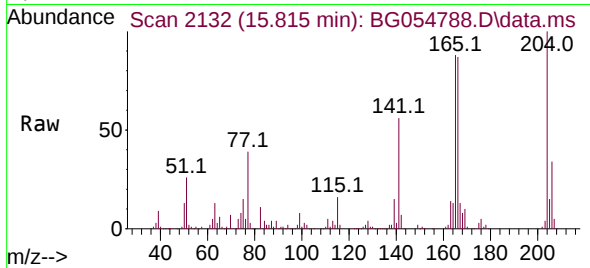
Tgt Ion:149 Resp: 446748
Ion Ratio Lower Upper
149 100
177 23.6 17.8 26.6
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.949 ng
RT: 15.815 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

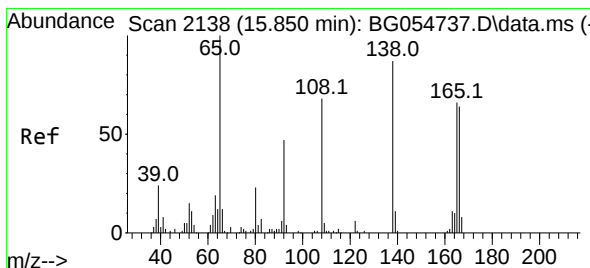
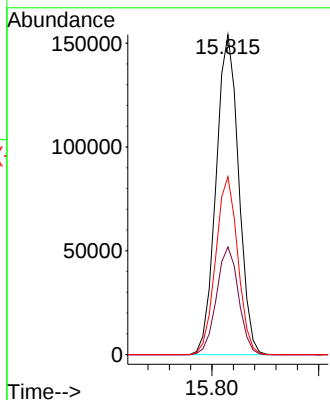
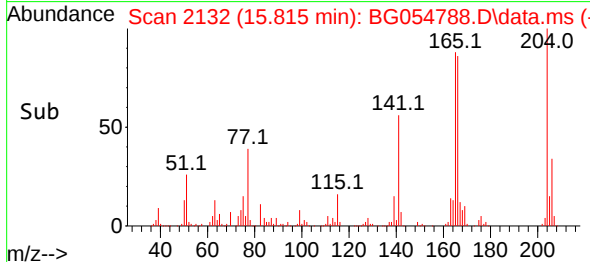
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



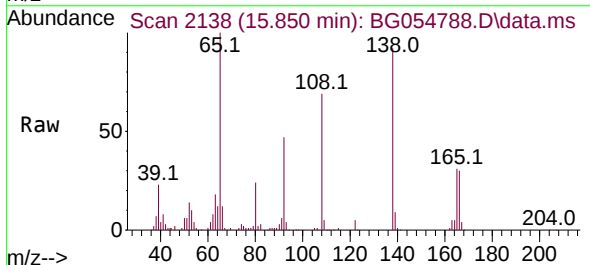
Tgt Ion:204 Resp: 226672
Ion Ratio Lower Upper
204 100
206 33.7 26.6 39.8
141 55.6 44.9 67.3

Manual Integrations
APPROVED

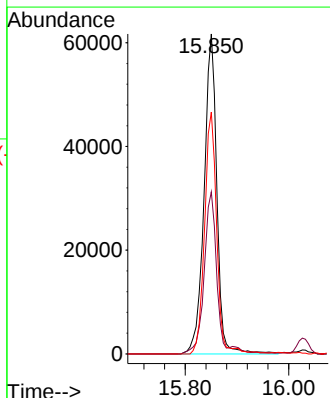
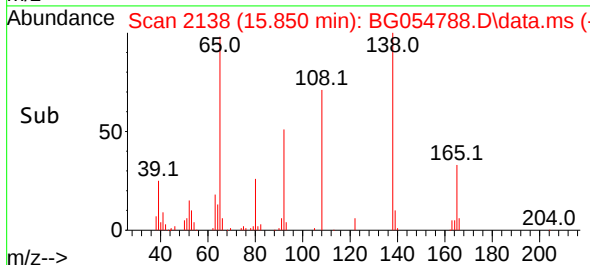
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

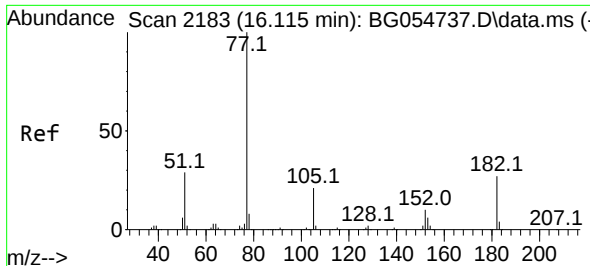


#62
4-Nitroaniline
Concen: 45.393 ng
RT: 15.850 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47



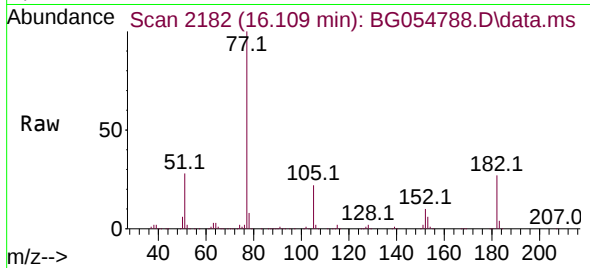
Tgt Ion:138 Resp: 105868
Ion Ratio Lower Upper
138 100
92 50.6 34.7 74.7
108 75.6 56.2 96.2





#63
Azobenzene
Concen: 43.003 ng
RT: 16.109 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

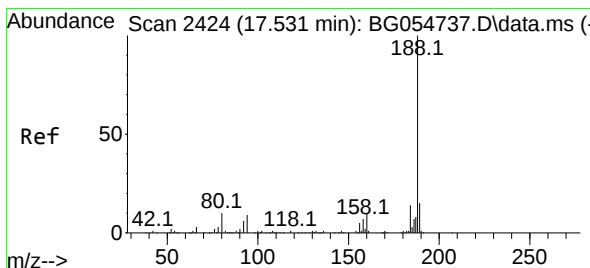
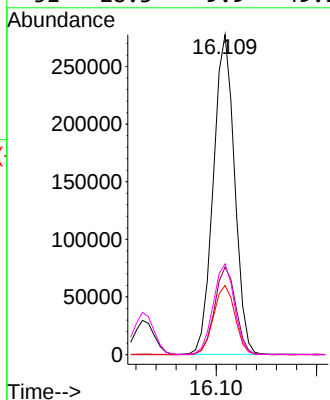
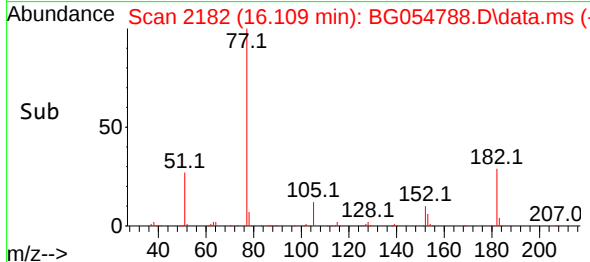
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion: 77 Resp: 407139
Ion Ratio Lower Upper
77 100
182 27.3 5.1 45.1
105 21.6 0.7 40.7
51 28.3 9.9 49.9

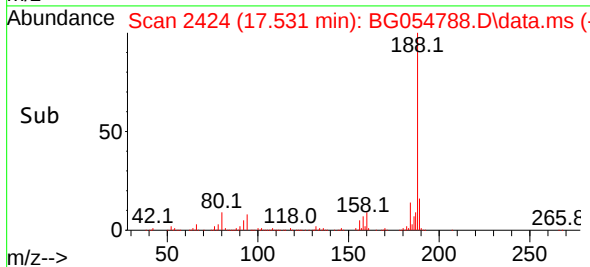
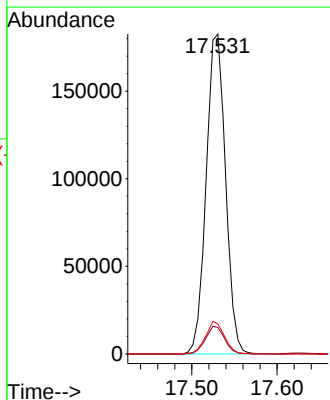
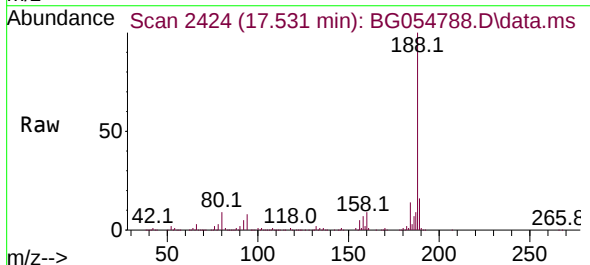
Manual Integrations
APPROVED

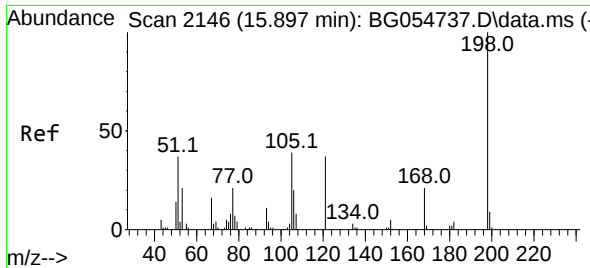
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.531 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

Tgt Ion:188 Resp: 287636
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.3 7.9 11.9





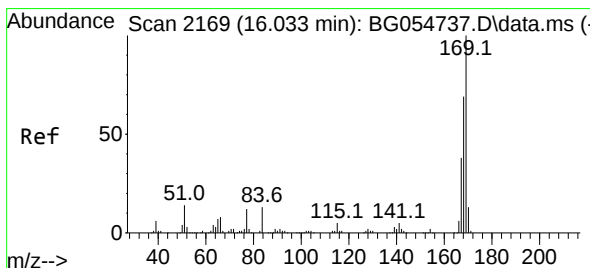
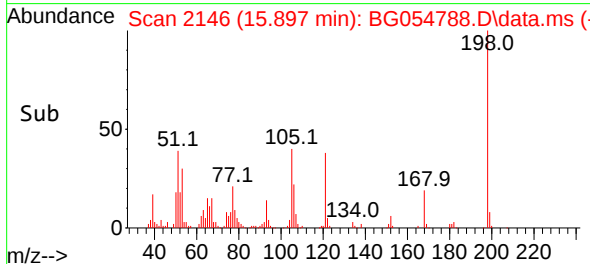
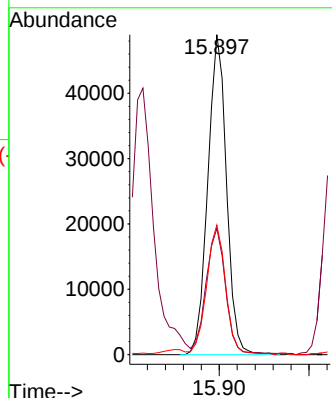
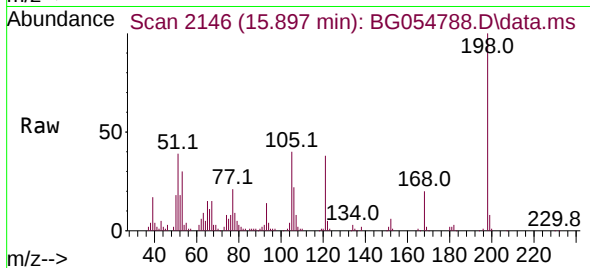
#65
4,6-Dinitro-2-methylphenol
Concen: 48.310 ng
RT: 15.897 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

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

Tgt Ion:198 Resp: 70733
Ion Ratio Lower Upper
198 100
51 39.5 19.9 59.9
105 40.5 20.3 60.3

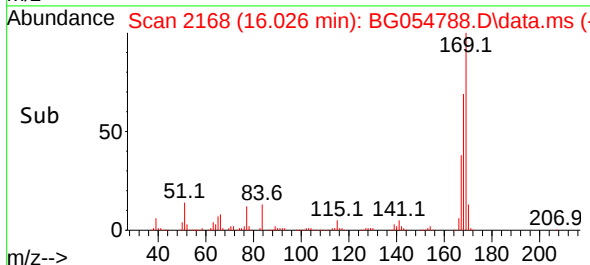
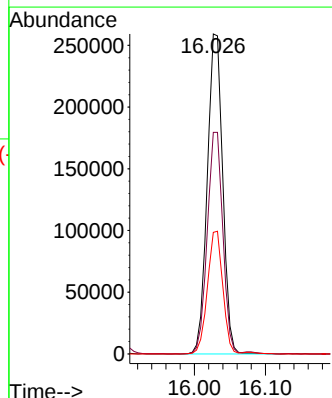
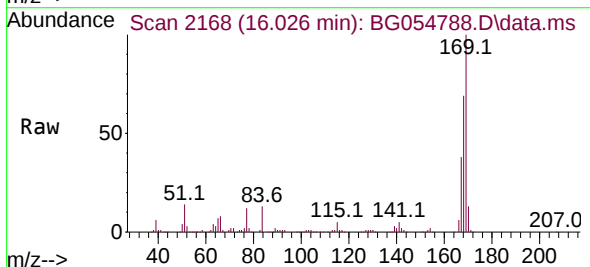
Manual Integrations
APPROVED

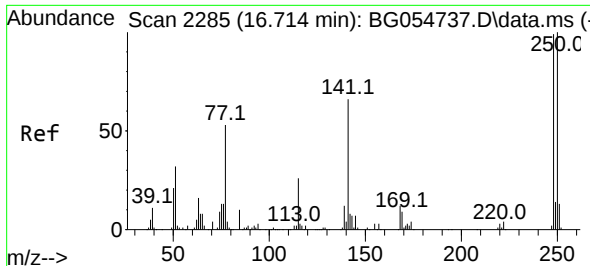
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#66
n-Nitrosodiphenylamine
Concen: 47.060 ng
RT: 16.026 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

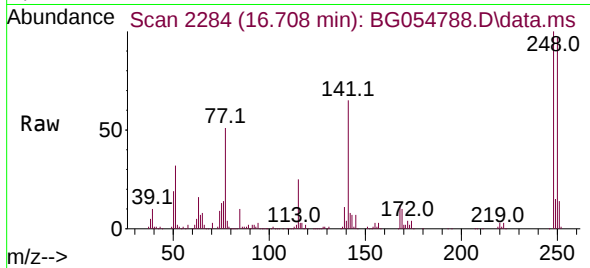
Tgt Ion:169 Resp: 390356
Ion Ratio Lower Upper
169 100
168 69.2 55.6 83.4
167 38.0 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 48.955 ng
RT: 16.708 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

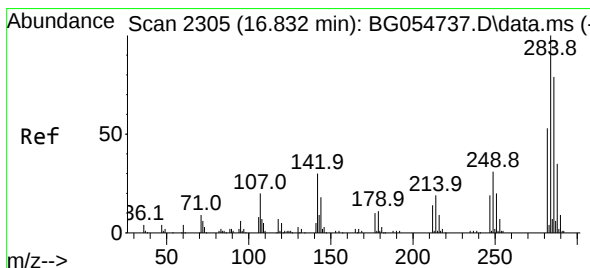
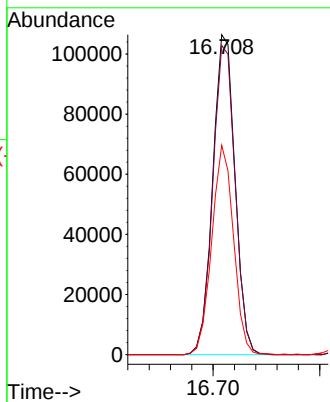
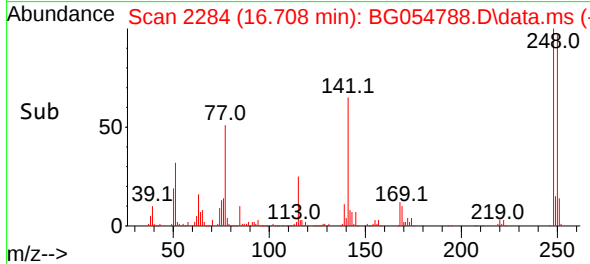
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



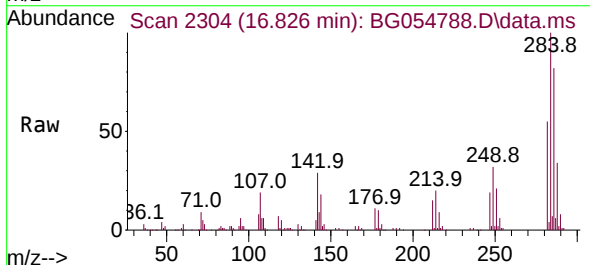
Tgt Ion:248 Resp: 154601
Ion Ratio Lower Upper
248 100
250 96.6 78.8 118.2
141 65.4 51.9 77.9

Manual Integrations
APPROVED

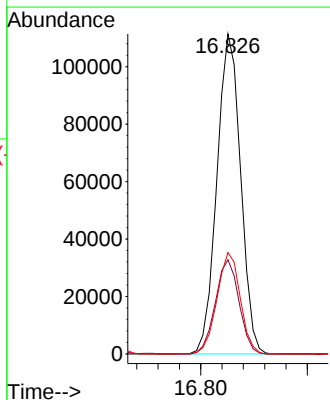
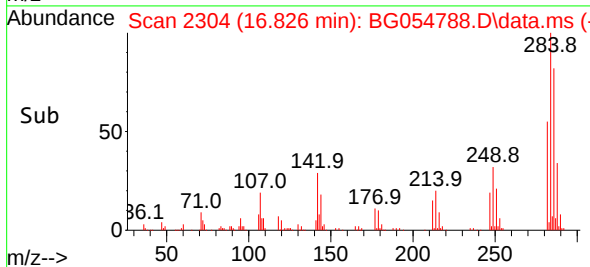
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

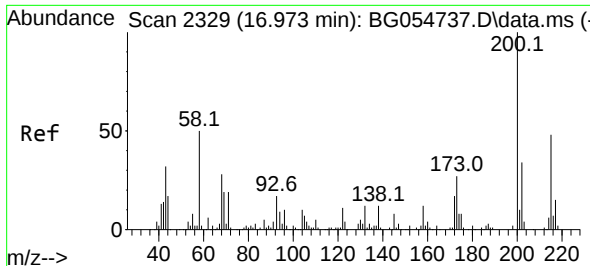


#68
Hexachlorobenzene
Concen: 48.489 ng
RT: 16.826 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47



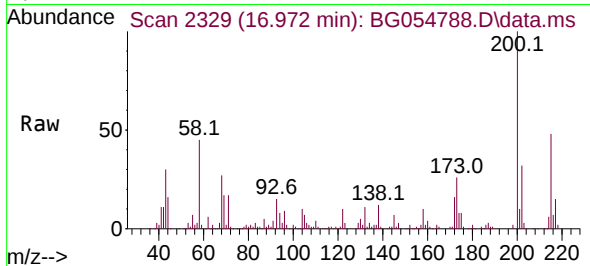
Tgt Ion:284 Resp: 172142
Ion Ratio Lower Upper
284 100
142 29.4 25.0 37.6
249 31.7 24.5 36.7





#69
 Atrazine
 Concen: 51.280 ng
 RT: 16.972 min Scan# 2329
 Delta R.T. -0.000 min
 Lab File: BG054788.D
 Acq: 30 Aug 2022 13:47

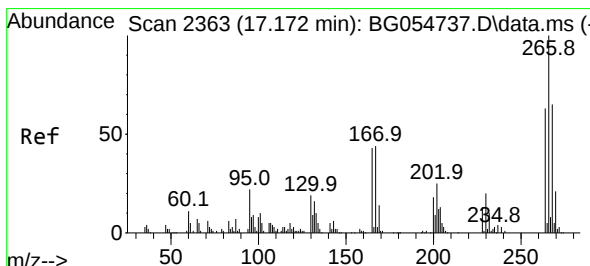
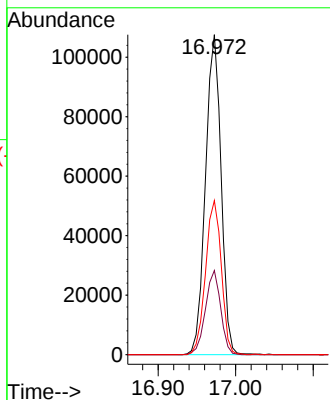
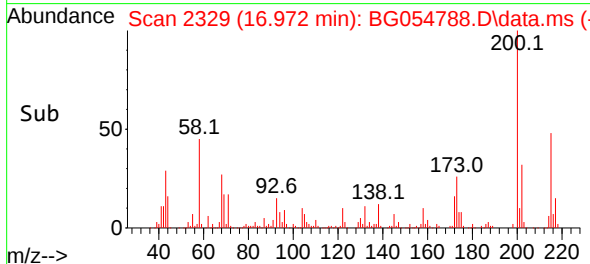
Instrument :
 BNA_G
 ClientSampleId :
 ROCK-FINES-QA/QC-COMPMSD



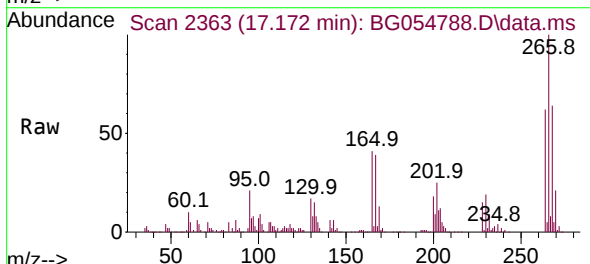
Tgt Ion:200 Resp: 150065
 Ion Ratio Lower Upper
 200 100
 173 26.3 5.6 45.6
 215 48.1 28.2 68.2

Manual Integrations
 APPROVED

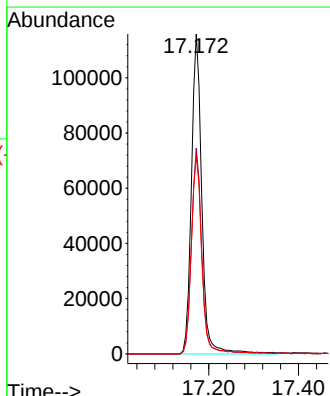
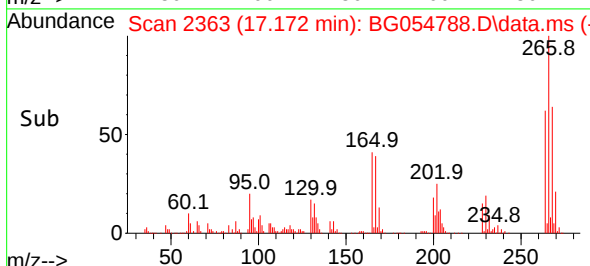
Reviewed By :Christian Giraldo 08/31/2022
 Supervised By :Jagrut Upadhyay 08/31/2022

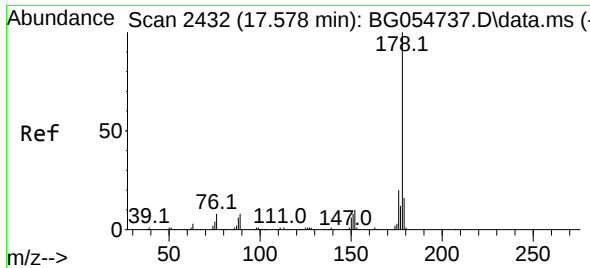


#70
 Pentachlorophenol
 Concen: 96.134 ng
 RT: 17.172 min Scan# 2363
 Delta R.T. -0.000 min
 Lab File: BG054788.D
 Acq: 30 Aug 2022 13:47



Tgt Ion:266 Resp: 185434
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.2 76.8
 264 61.8 49.4 74.0





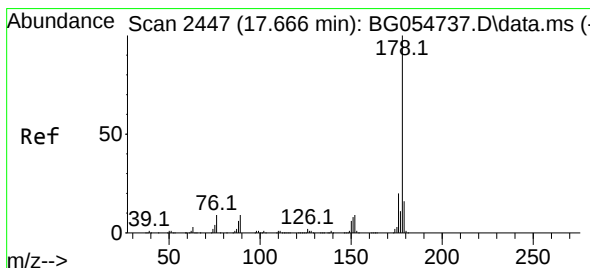
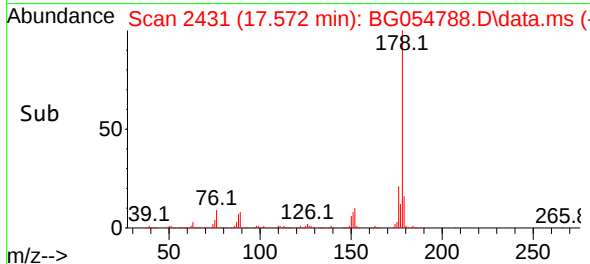
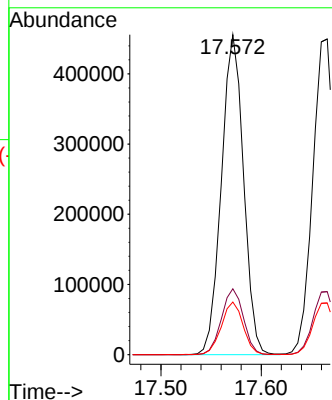
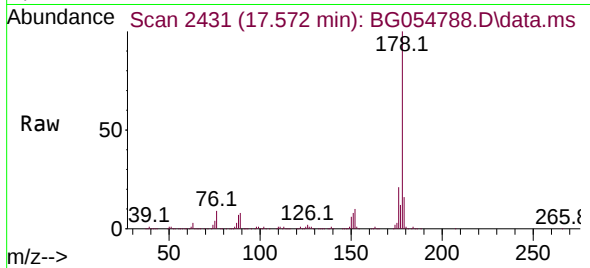
#71
Phenanthrene
Concen: 45.658 ng
RT: 17.572 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

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

Tgt Ion:178 Resp: 699596
Ion Ratio Lower Upper
178 100
176 20.6 16.6 25.0
179 16.4 12.8 19.2

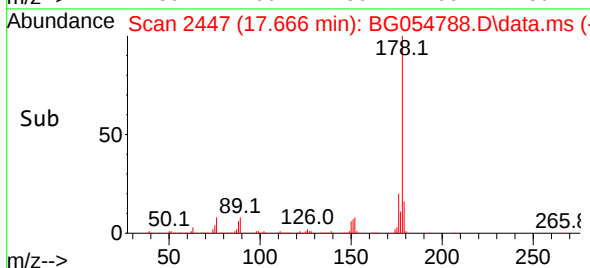
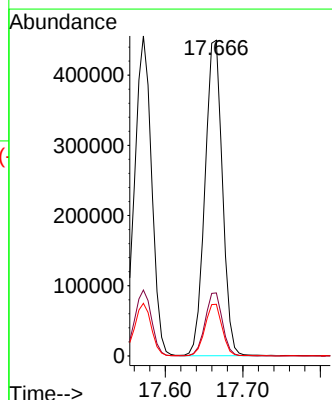
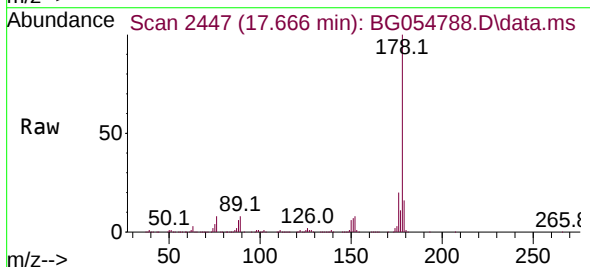
Manual Integrations
APPROVED

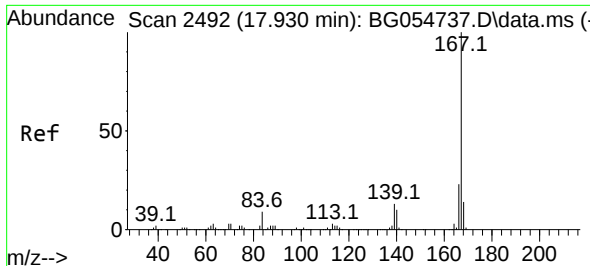
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#72
Anthracene
Concen: 47.064 ng
RT: 17.666 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

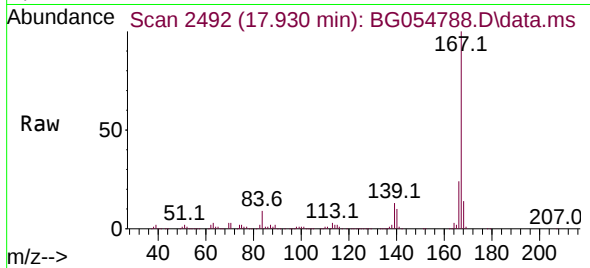
Tgt Ion:178 Resp: 701116
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 16.4 12.9 19.3





#73
 Carbazole
 Concen: 47.244 ng
 RT: 17.930 min Scan# 2492
 Delta R.T. -0.000 min
 Lab File: BG054788.D
 Acq: 30 Aug 2022 13:47

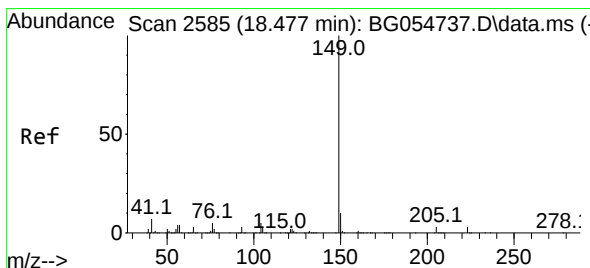
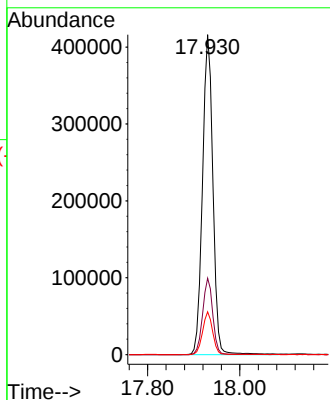
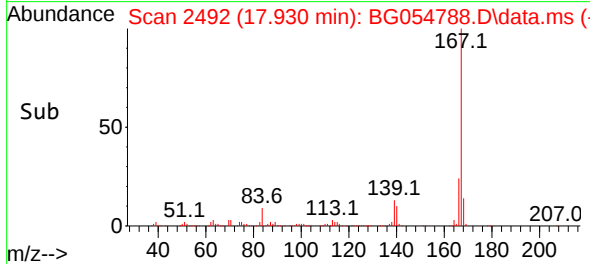
Instrument :
 BNA_G
 ClientSampleId :
 ROCK-FINES-QA/QC-COMPMSD



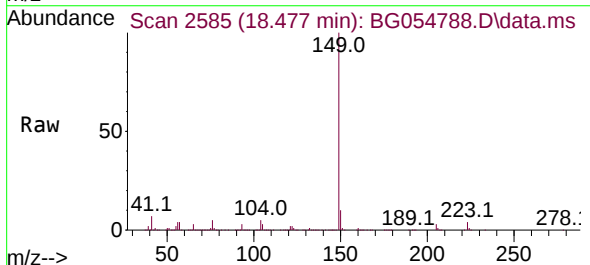
Tgt Ion:167 Resp: 648441
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.8 28.2
 139 13.4 10.2 15.4

Manual Integrations
 APPROVED

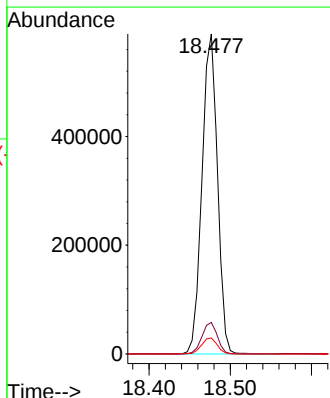
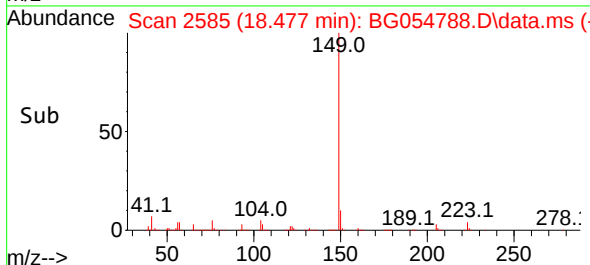
Reviewed By :Christian Giraldo 08/31/2022
 Supervised By :Jagrut Upadhyay 08/31/2022

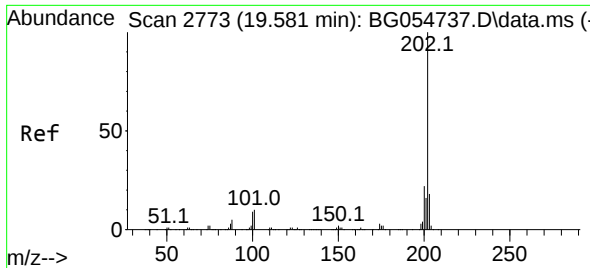


#74
 Di-n-butylphthalate
 Concen: 44.849 ng
 RT: 18.477 min Scan# 2585
 Delta R.T. -0.000 min
 Lab File: BG054788.D
 Acq: 30 Aug 2022 13:47



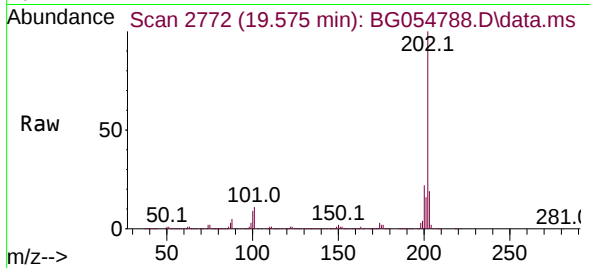
Tgt Ion:149 Resp: 778942
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.0 12.0
 104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 45.371 ng
RT: 19.575 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

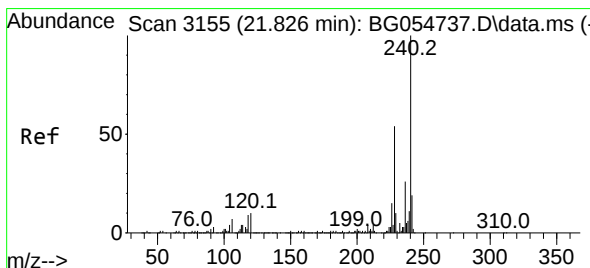
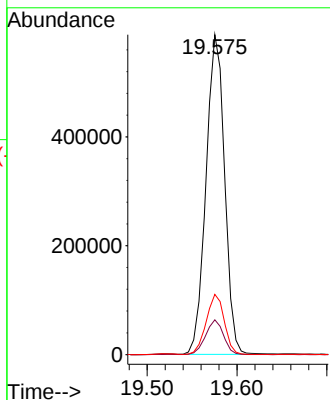
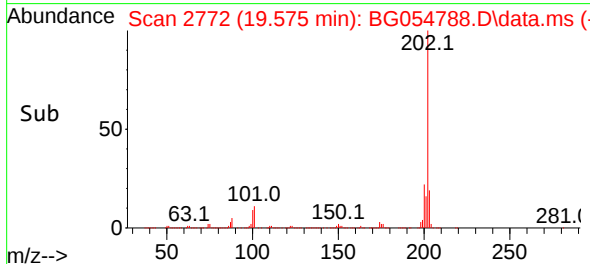
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:202 Resp: 845713
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 18.8 0.0 38.6

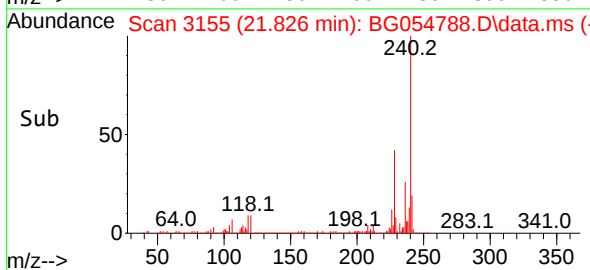
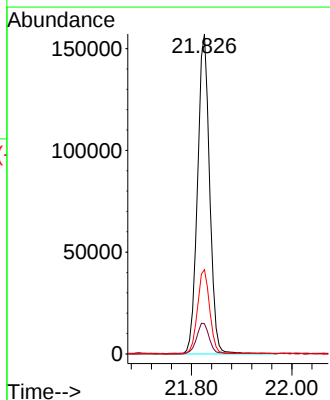
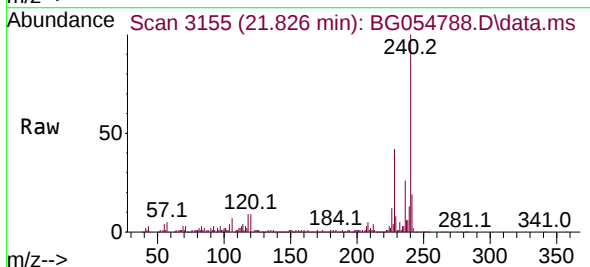
Manual Integrations
APPROVED

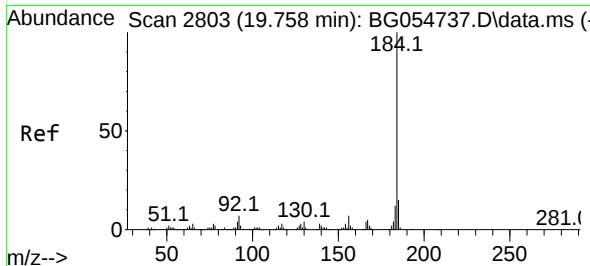
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.826 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

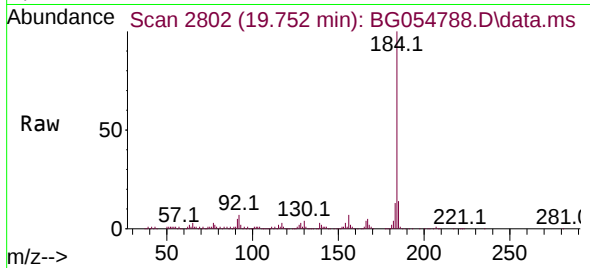
Tgt Ion:240 Resp: 262843
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.4
236 26.3 21.2 31.8





#77
Benzidine
Concen: 61.287 ng
RT: 19.752 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

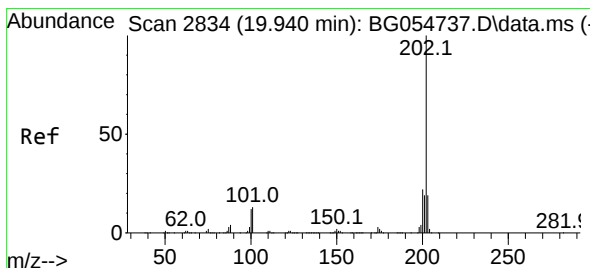
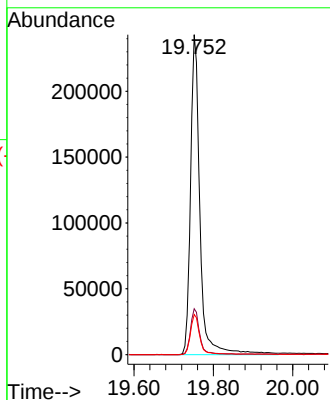
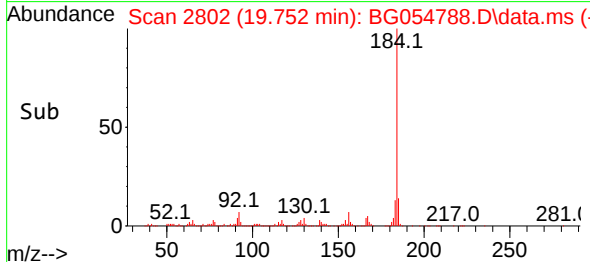
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:184 Resp: 398994
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 12.5 9.8 14.8

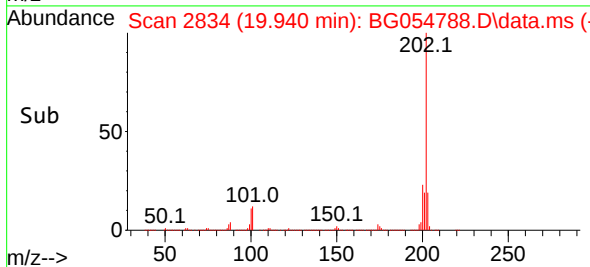
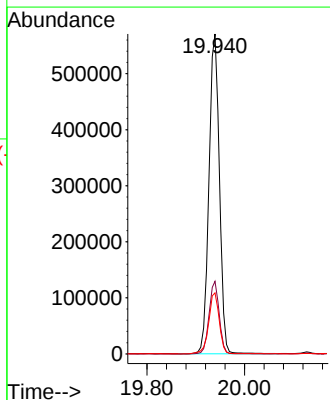
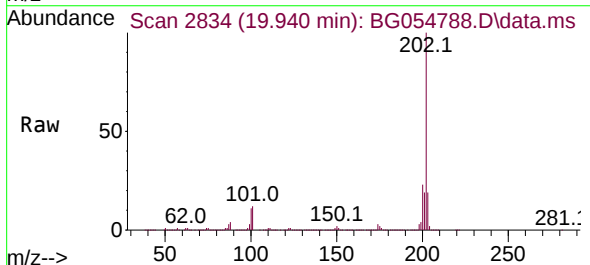
Manual Integrations
APPROVED

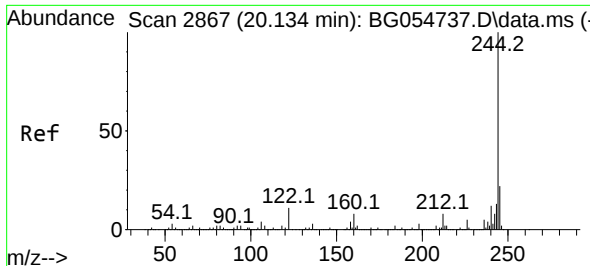
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#78
Pyrene
Concen: 46.606 ng
RT: 19.940 min Scan# 2834
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

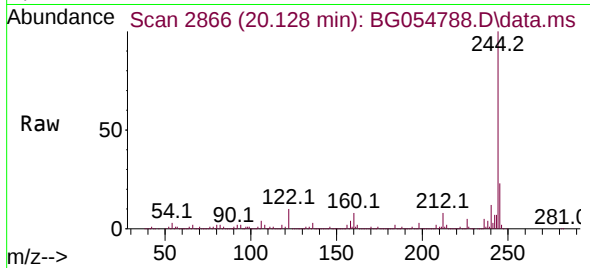
Tgt Ion:202 Resp: 854186
Ion Ratio Lower Upper
202 100
200 22.7 17.8 26.6
203 19.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 77.866 ng
 RT: 20.128 min Scan# 2866
 Delta R.T. -0.006 min
 Lab File: BG054788.D
 Acq: 30 Aug 2022 13:47

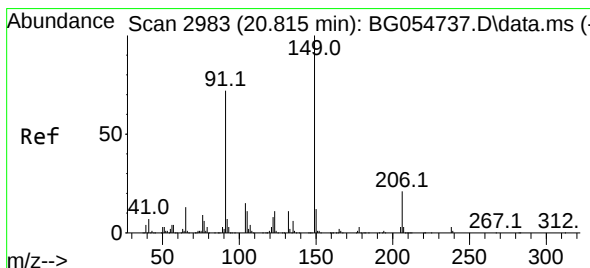
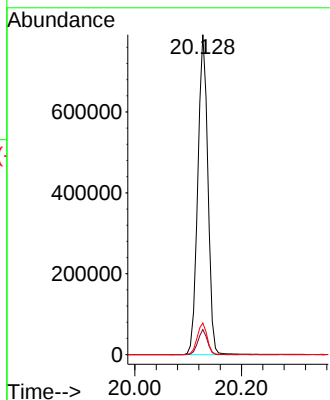
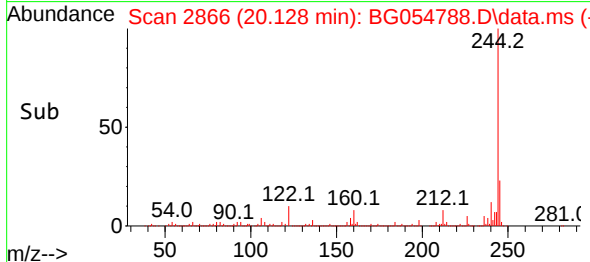
Instrument :
 BNA_G
 ClientSampleId :
 ROCK-FINES-QA/QC-COMPMSD



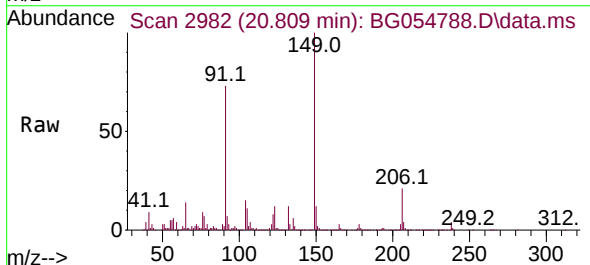
Tgt Ion:244 Resp: 1032945
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 9.9 9.0 13.6

Manual Integrations
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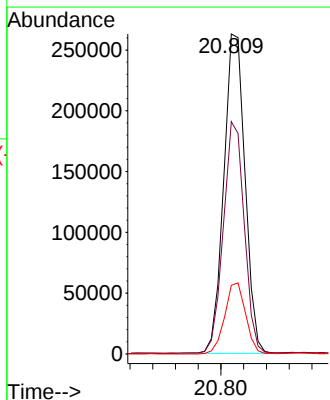
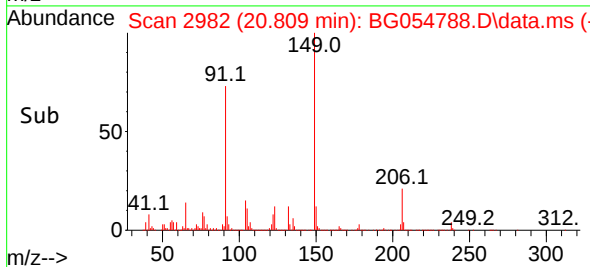
Reviewed By :Christian Giraldo 08/31/2022
 Supervised By :Jagrut Upadhyay 08/31/2022

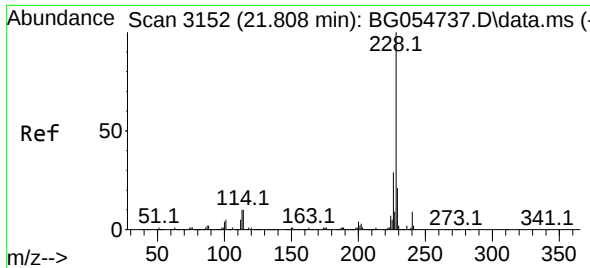


#80
 Butylbenzylphthalate
 Concen: 44.643 ng
 RT: 20.809 min Scan# 2982
 Delta R.T. -0.006 min
 Lab File: BG054788.D
 Acq: 30 Aug 2022 13:47



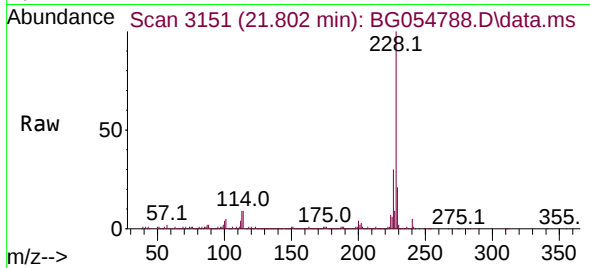
Tgt Ion:149 Resp: 341286
 Ion Ratio Lower Upper
 149 100
 91 72.6 59.5 89.3
 206 21.4 16.6 25.0





#81
Benzo(a)anthracene
Concen: 45.848 ng
RT: 21.802 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

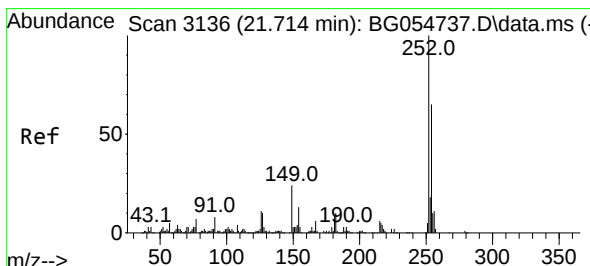
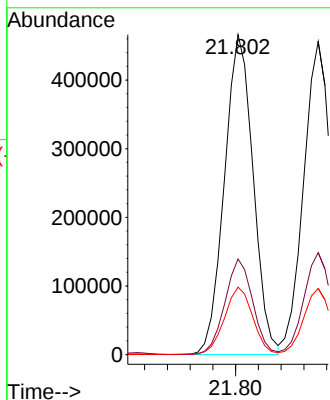
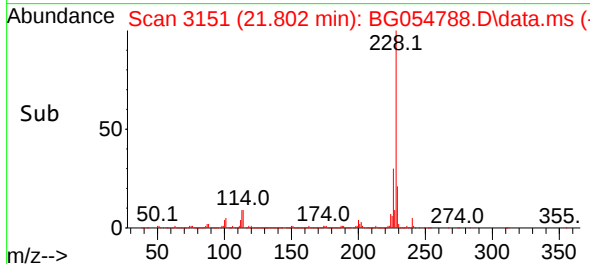
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:228 Resp: 817086
Ion Ratio Lower Upper
228 100
226 29.9 23.4 35.2
229 21.1 16.5 24.7

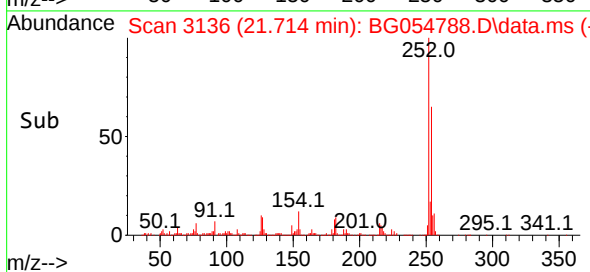
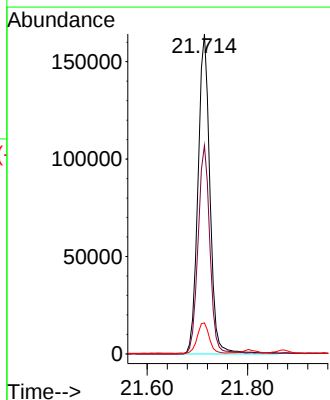
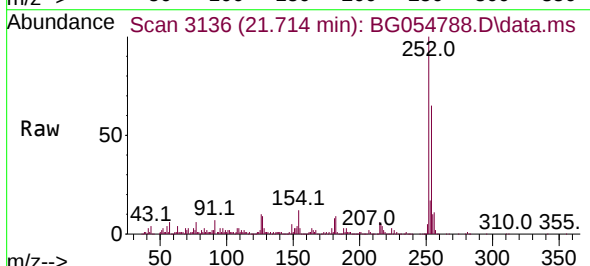
Manual Integrations
APPROVED

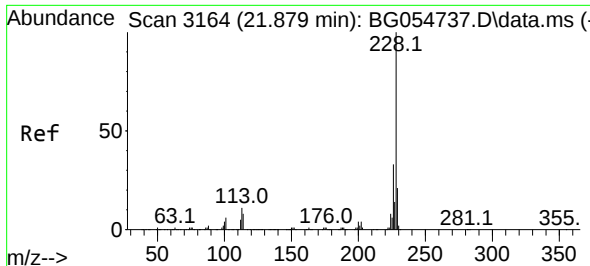
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#82
3,3'-Dichlorobenzidine
Concen: 43.403 ng
RT: 21.714 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

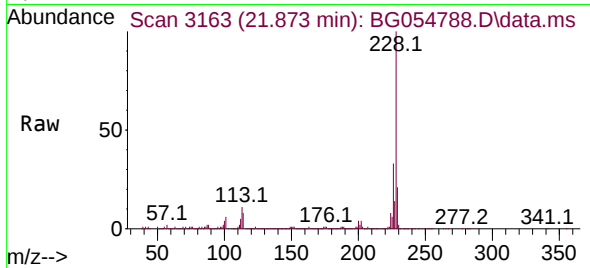
Tgt Ion:252 Resp: 271197
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.2
126 9.7 8.2 12.2





#83
Chrysene
Concen: 45.493 ng
RT: 21.873 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

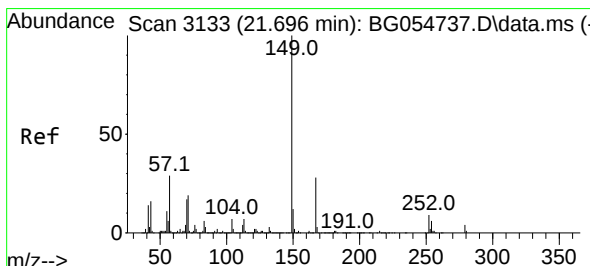
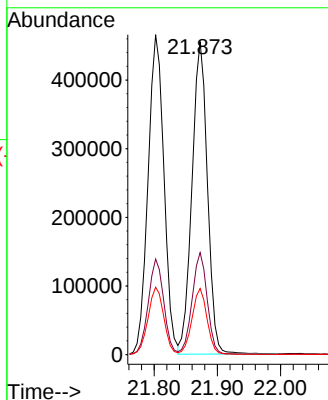
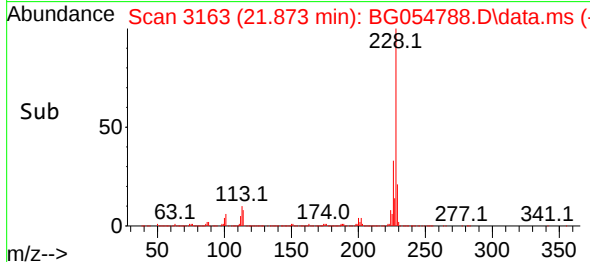
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:228 Resp: 775188
Ion Ratio Lower Upper
228 100
226 32.6 25.5 38.3
229 21.2 16.8 25.2

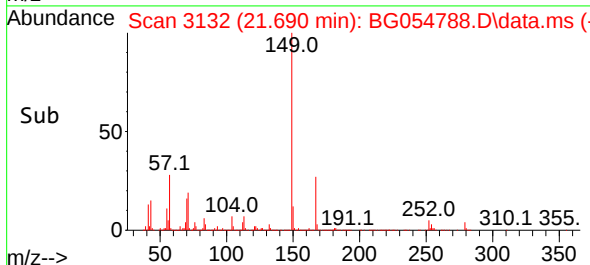
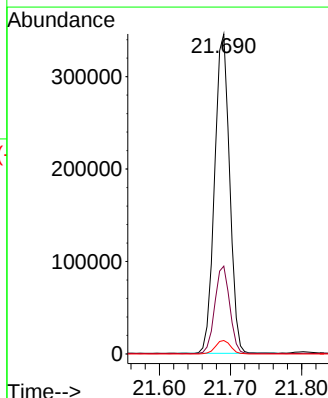
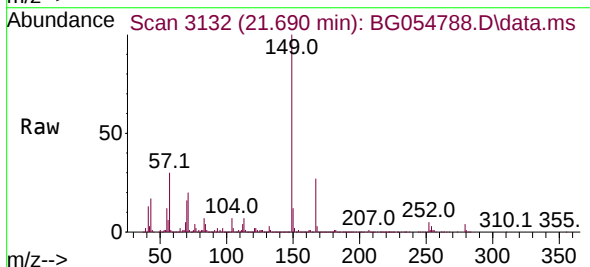
Manual Integrations
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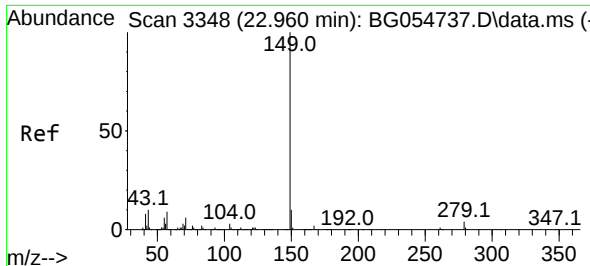
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.052 ng
RT: 21.690 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

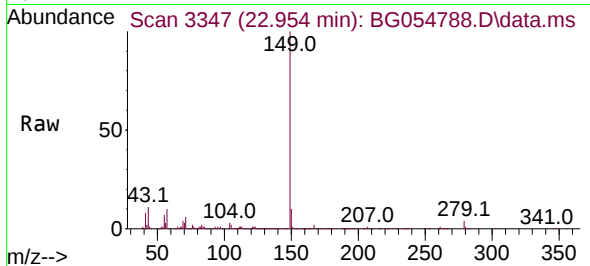
Tgt Ion:149 Resp: 507230
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 4.2 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 44.960 ng
RT: 22.954 min Scan# 3348
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

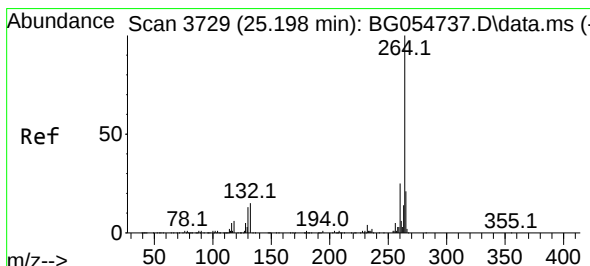
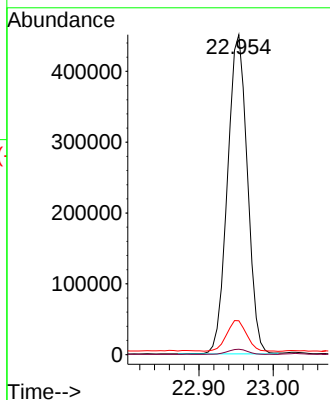
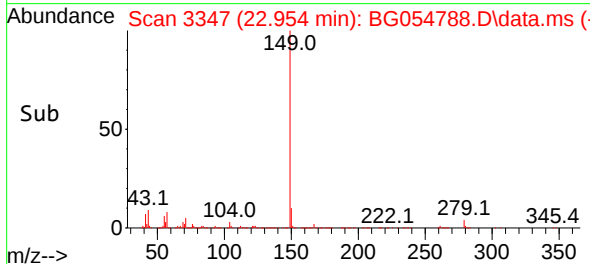
Instrument : BNA_G
ClientSampleId : ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:149 Resp: 839791
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 9.0 13.6

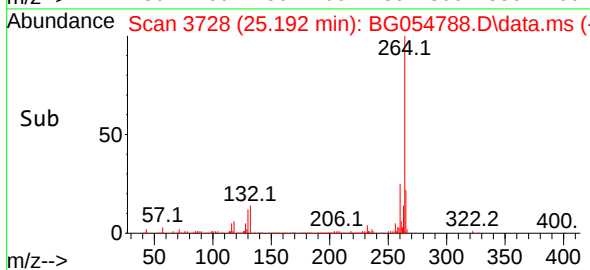
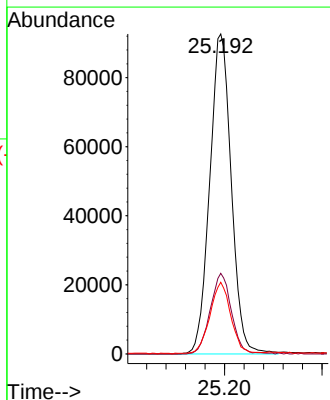
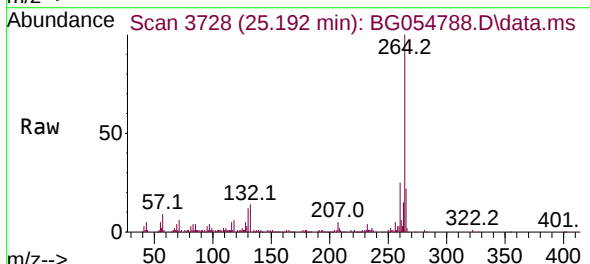
Manual Integrations
APPROVED

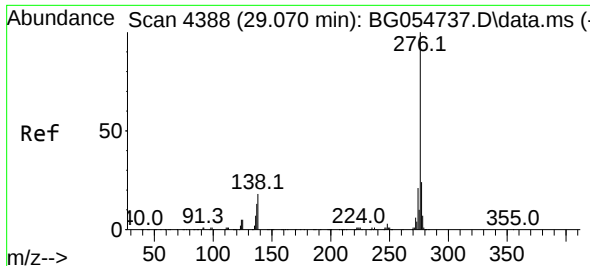
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.192 min Scan# 3728
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

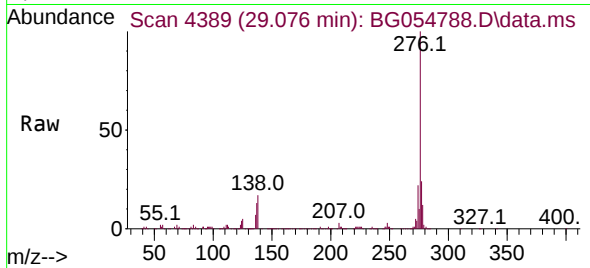
Tgt Ion:264 Resp: 284022
Ion Ratio Lower Upper
264 100
260 25.2 19.9 29.9
265 22.4 16.9 25.3





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.767 ng
 RT: 29.076 min Scan# 4388
 Delta R.T. 0.006 min
 Lab File: BG054788.D
 Acq: 30 Aug 2022 13:47

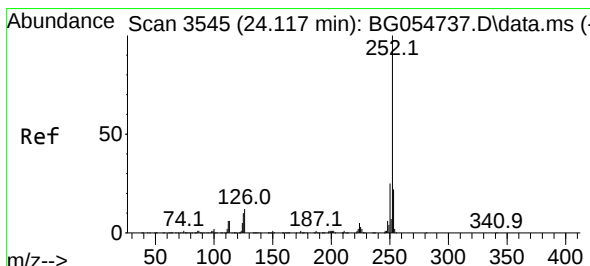
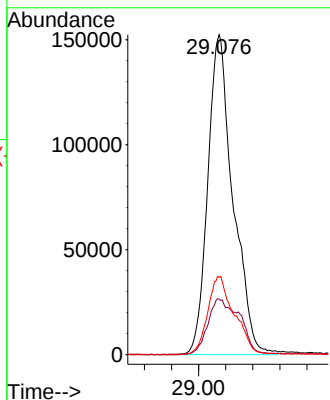
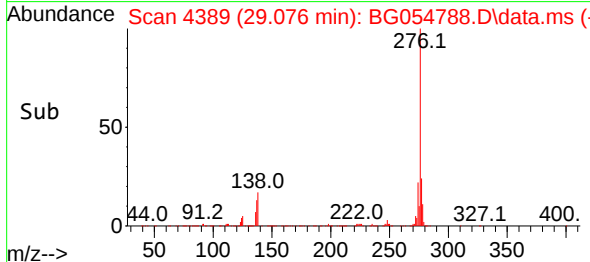
Instrument :
 BNA_G
 ClientSampleId :
 ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:276 Resp: 986822
 Ion Ratio Lower Upper
 276 100
 138 21.8 12.0 18.0
 277 25.7 20.2 30.4

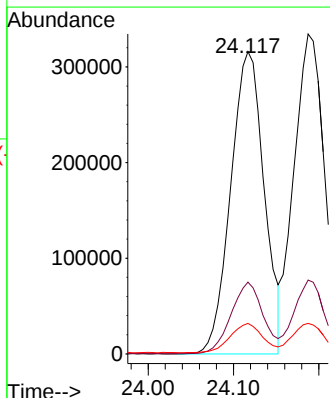
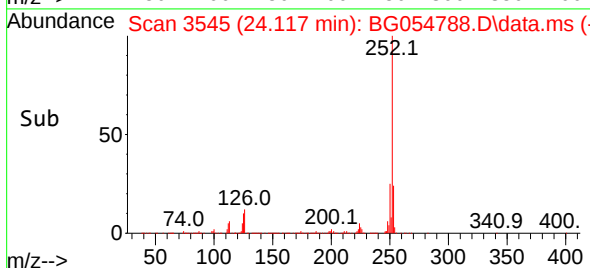
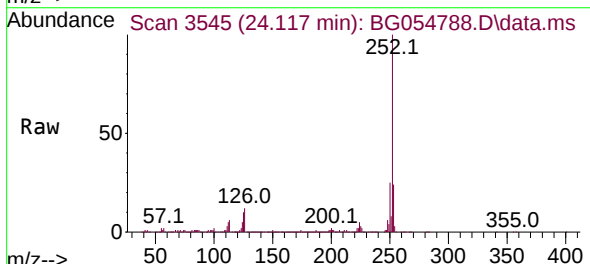
Manual Integrations
 APPROVED

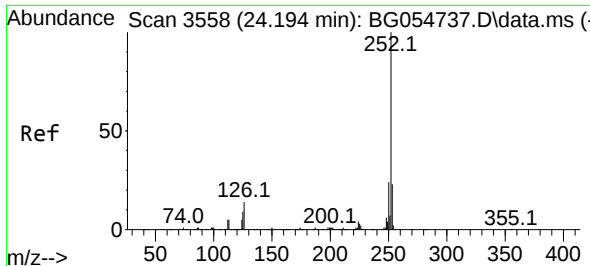
Reviewed By :Christian Giraldo 08/31/2022
 Supervised By :Jagrut Upadhyay 08/31/2022



#88
 Benzo(b)fluoranthene
 Concen: 48.256 ng
 RT: 24.117 min Scan# 3545
 Delta R.T. -0.000 min
 Lab File: BG054788.D
 Acq: 30 Aug 2022 13:47

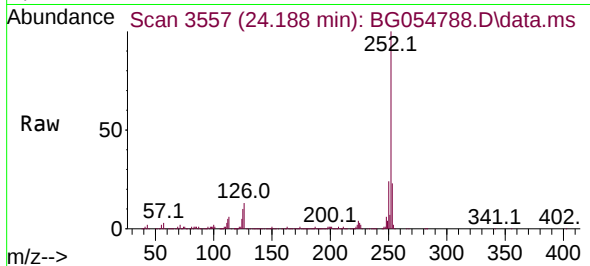
Tgt Ion:252 Resp: 859781
 Ion Ratio Lower Upper
 252 100
 253 23.7 18.0 27.0
 125 10.1 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 46.934 ng
RT: 24.188 min Scan# 3558
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

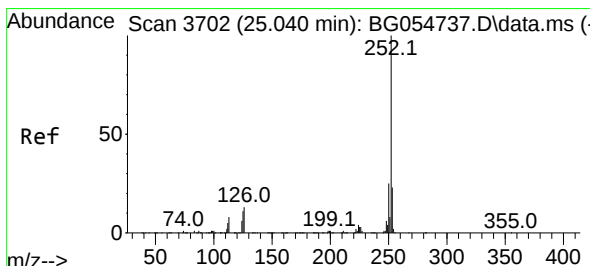
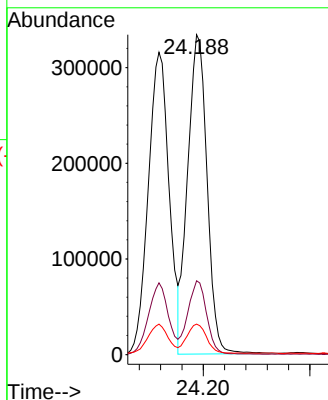
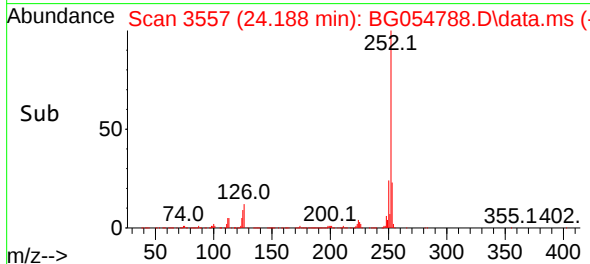
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:252 Resp: 841583
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 9.5 8.2 12.4

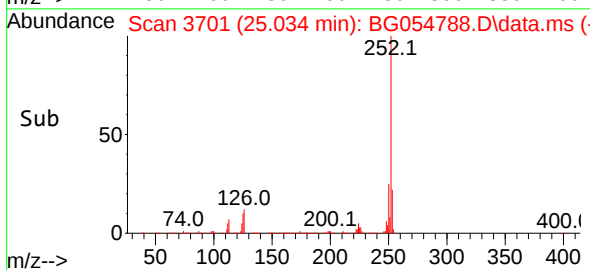
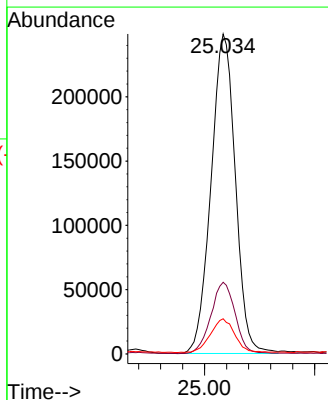
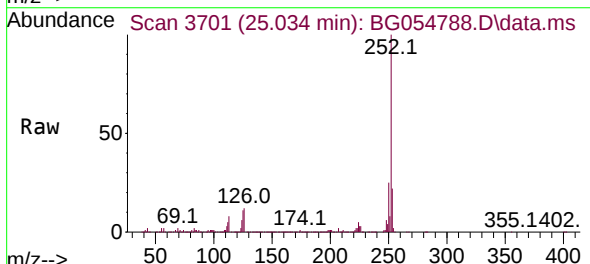
Manual Integrations
APPROVED

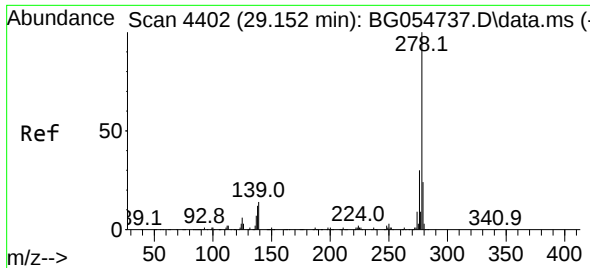
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#90
Benzo(a)pyrene
Concen: 50.086 ng
RT: 25.034 min Scan# 3701
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

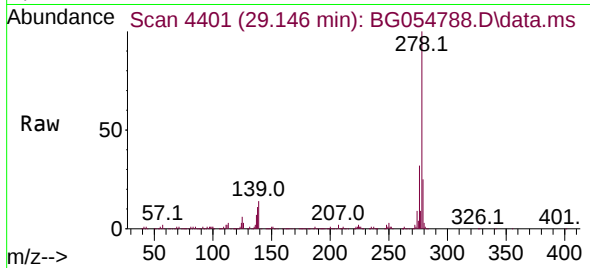
Tgt Ion:252 Resp: 762419
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 11.0 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 47.691 ng
RT: 29.146 min Scan# 4402
Delta R.T. -0.006 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

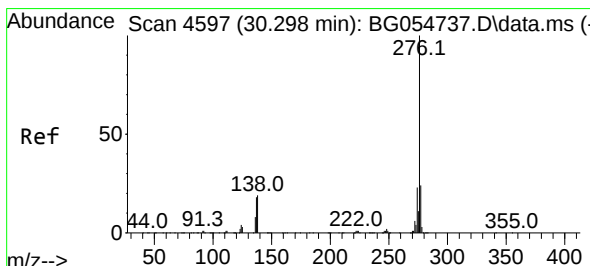
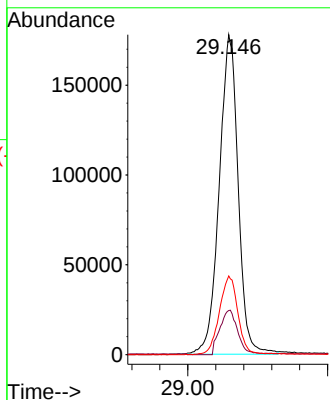
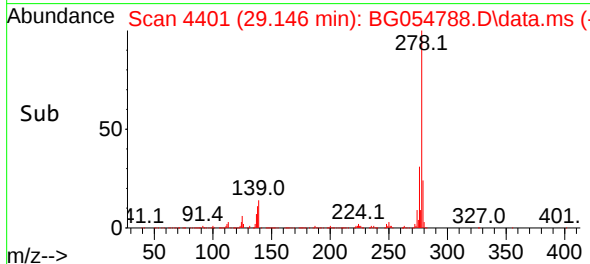
Instrument :
BNA_G
ClientSampleId :
ROCK-FINES-QA/QC-COMPMSD



Tgt Ion:278 Resp: 837762
Ion Ratio Lower Upper
278 100
139 13.8 11.4 17.2
279 24.6 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#92
Benzo(g,h,i)perylene
Concen: 48.092 ng
RT: 30.286 min Scan# 4595
Delta R.T. -0.012 min
Lab File: BG054788.D
Acq: 30 Aug 2022 13:47

Tgt Ion:276 Resp: 853462
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.0
138 18.0 16.6 25.0

