

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126310.D
 Acq On : 21 Dec 2021 22:20
 Operator : JU/CG
 Sample : M5179-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-EASTMS

Quant Time: Dec 22 05:23:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021
 Supervised By :mohammad ahmed 12/27/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	190297	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	839258	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	400103	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	628398	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	357123	20.000	ng	# 0.01
86) Perylene-d12	15.427	264	308254	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1323041	102.386	ng	0.02
7) Phenol-d6	6.451	99	1745426	106.378	ng	0.00
23) Nitrobenzene-d5	7.381	82	1152537	74.376	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	355313	110.503	ng	0.01
45) 2-Fluorobiphenyl	9.181	172	1538060	67.422	ng	0.00
79) Terphenyl-d14	12.927	244	1291638	62.864	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	289416	45.883	ng	# 100
3) Pyridine	3.399	79	681453	40.681	ng	# 78
4) n-Nitrosodimethylamine	3.352	42	328485	51.023	ng	# 6
6) Aniline	6.481	93	666248	31.967	ng	96
8) 2-Chlorophenol	6.604	128	697196	53.205	ng	88
9) Benzaldehyde	6.363	77	491858	49.677	ng	95
10) Phenol	6.469	94	902617	49.008	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	728820	50.980	ng	98
12) 1,3-Dichlorobenzene	6.757	146	638970	48.339	ng	97
13) 1,4-Dichlorobenzene	6.834	146	636507	47.683	ng	95
14) 1,2-Dichlorobenzene	6.987	146	618772	50.135	ng	96
15) Benzyl Alcohol	6.963	79	592132	49.435	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.093	45	1164906	49.792	ng	92
17) 2-Methylphenol	7.075	107	610508	53.182	ng	98
18) Hexachloroethane	7.334	117	267730	50.990	ng	97
19) n-Nitroso-di-n-propyla...	7.240	70	481031	47.756	ng	# 72
20) 3+4-Methylphenols	7.228	107	631793	46.554	ng	# 78
22) Acetophenone	7.228	105	885656	45.853	ng	# 90
24) Nitrobenzene	7.398	77	753994	48.741	ng	90
25) Isophorone	7.645	82	1423174	48.634	ng	# 88
26) 2-Nitrophenol	7.716	139	370121	53.074	ng	# 82
27) 2,4-Dimethylphenol	7.757	122	635075	53.625	ng	95
28) bis(2-Chloroethoxy)met...	7.851	93	923869	48.019	ng	# 96
29) 2,4-Dichlorophenol	7.963	162	522155	49.601	ng	94
30) 1,2,4-Trichlorobenzene	8.045	180	508913	46.737	ng	99
31) Naphthalene	8.122	128	1865892	47.541	ng	99
32) Benzoic acid	7.904	122	488597	47.889	ng	92
33) 4-Chloroaniline	8.169	127	209940	12.811	ng	97
34) Hexachlorobutadiene	8.245	225	249947	46.738	ng	99
35) Caprolactam	8.557	113	208706m	79.774	ng	
36) 4-Chloro-3-methylphenol	8.663	107	642118	51.710	ng	90
37) 2-Methylnaphthalene	8.816	142	1216722	50.339	ng	97
38) 1-Methylnaphthalene	8.916	142	1111934	47.404	ng	95
40) 1,2,4,5-Tetrachloroben...	8.987	216	392551	45.459	ng	# 95
41) Hexachlorocyclopentadiene	8.975	237	480236	97.116	ng	94
43) 2,4,6-Trichlorophenol	9.092	196	308709	45.446	ng	94

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Instrument :
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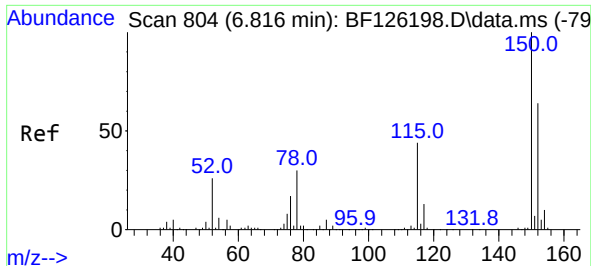
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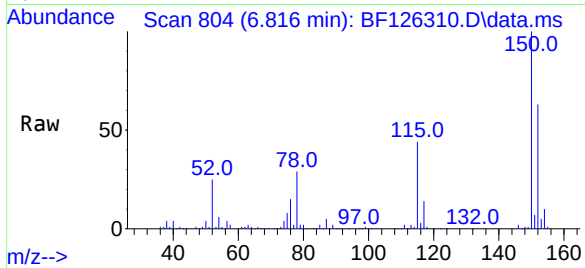
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	323621	46.004	ng	# 89
46) 1,1'-Biphenyl	9.281	154	1385418	46.830	ng	96
47) 2-Chloronaphthalene	9.304	162	1006871	45.235	ng	95
48) 2-Nitroaniline	9.398	65	406731	50.063	ng	86
49) Acenaphthylene	9.722	152	1593940	46.864	ng	98
50) Dimethylphthalate	9.586	163	1200012	47.348	ng	98
51) 2,6-Dinitrotoluene	9.645	165	272978	49.762	ng	# 83
52) Acenaphthene	9.892	154	1148196m	52.056	ng	
53) 3-Nitroaniline	9.810	138	160314	22.993	ng	# 76
54) 2,4-Dinitrophenol	9.922	184	293863	130.100	ng	# 84
55) Dibenzofuran	10.069	168	1333752	44.414	ng	99
56) 4-Nitrophenol	9.981	139	498941	99.067	ng	# 77
57) 2,4-Dinitrotoluene	10.051	165	356319	50.920	ng	# 95
58) Fluorene	10.410	166	946091	43.518	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	247002	47.356	ng	# 100
60) Diethylphthalate	10.286	149	1166993	45.819	ng	98
61) 4-Chlorophenyl-phenyle...	10.398	204	422080	43.120	ng	98
62) 4-Nitroaniline	10.433	138	315645	53.966	ng	# 74
63) Azobenzene	10.563	77	1387790	44.985	ng	85
65) 4,6-Dinitro-2-methylph...	10.457	198	178291	51.958	ng	93
66) n-Nitrosodiphenylamine	10.522	169	909991	45.122	ng	97
67) 4-Bromophenyl-phenylether	10.892	248	276568	46.895	ng	97
68) Hexachlorobenzene	10.957	284	320066	47.187	ng	# 86
69) Atrazine	11.051	200	278297	75.300	ng	96
70) Pentachlorophenol	11.151	266	344387	91.519	ng	90
71) Phenanthrene	11.369	178	1468126	45.266	ng	97
72) Anthracene	11.422	178	1500431	46.091	ng	98
73) Carbazole	11.575	167	1372772	44.778	ng	99
74) Di-n-butylphthalate	11.910	149	1767350	45.475	ng	99
75) Fluoranthene	12.557	202	1370073	46.885	ng	93
77) Benzidine	12.675	184	668327	118.704	ng	98
78) Pyrene	12.786	202	1406857	42.879	ng	97
80) Butylbenzylphthalate	13.404	149	713808	46.233	ng	# 78
81) Benzo(a)anthracene	13.969	228	904331	42.750	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	280446	29.019	ng	# 98
83) Chrysene	14.010	228	1003916	45.676	ng	98
84) Bis(2-ethylhexyl)phtha...	13.969	149	790792	45.835	ng	100
85) Di-n-octyl phthalate	14.574	149	1545008	50.234	ng	99
87) Indeno(1,2,3-cd)pyrene	16.857	276	921514	44.819	ng	93
88) Benzo(b)fluoranthene	15.010	252	955725	51.601	ng	97
89) Benzo(k)fluoranthene	15.039	252	920696	51.963	ng	# 96
90) Benzo(a)pyrene	15.368	252	887112	57.628	ng	# 96
91) Dibenzo(a,h)anthracene	16.886	278	774481	46.337	ng	# 95
92) Benzo(g,h,i)perylene	17.292	276	772767	44.686	ng	93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

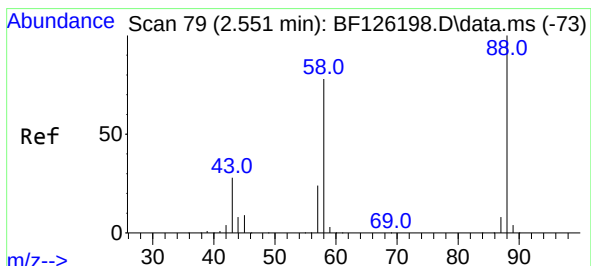
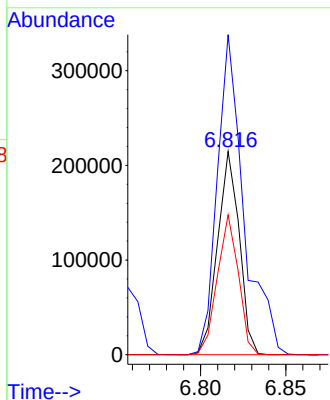
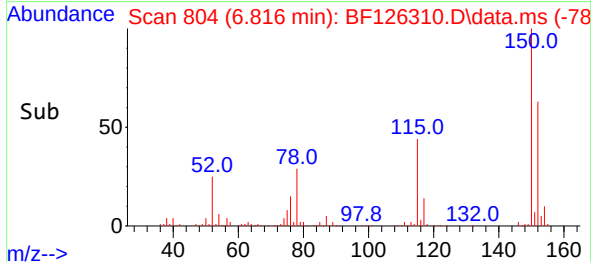
Instrument :
BNA_F
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POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:152 Resp: 190297
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 68.8 47.1 70.7

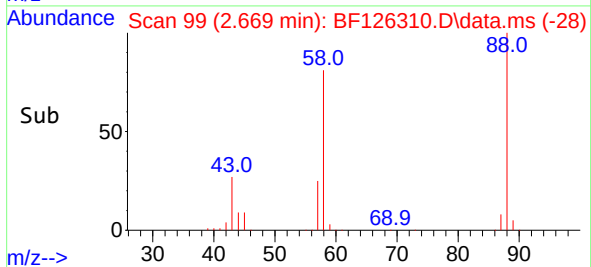
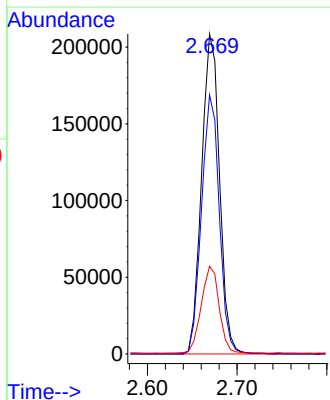
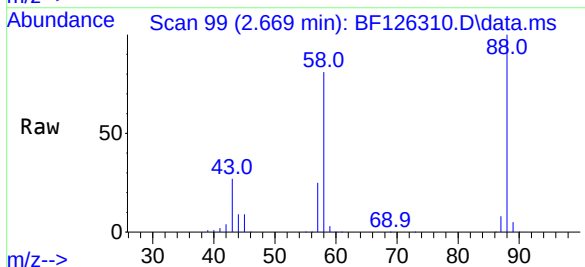
Manual Integrations
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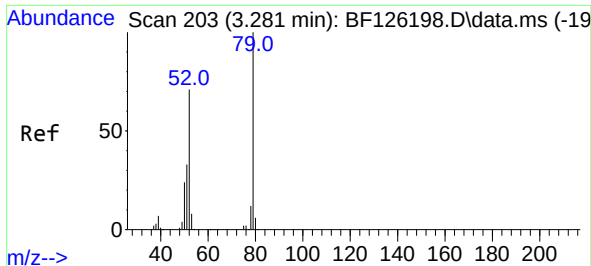
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#2
1,4-Dioxane
Concen: 45.883 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.118 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

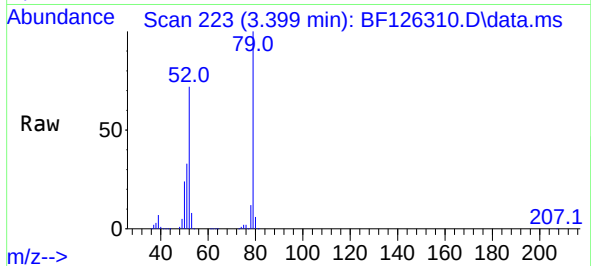
Tgt Ion: 88 Resp: 289416
Ion Ratio Lower Upper
88 100
58 80.4 0.0 0.0#
43 27.1 0.0 0.0#





#3
Pyridine
Concen: 40.681 ng
RT: 3.399 min Scan# 215
Delta R.T. 0.118 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

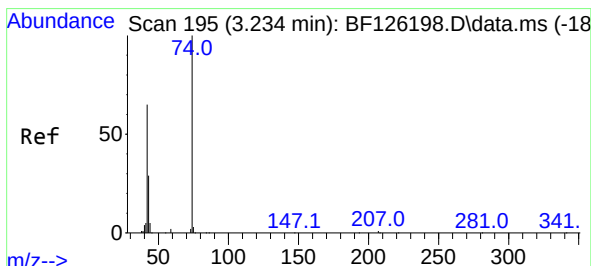
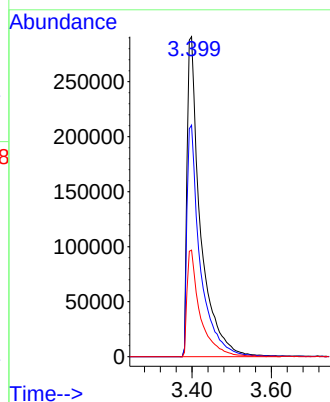
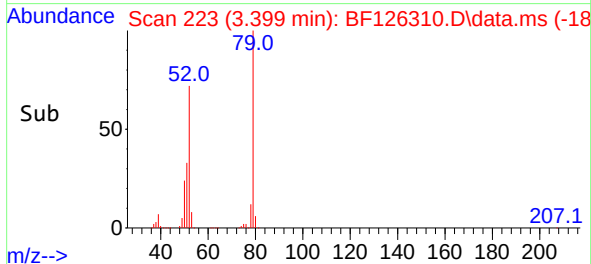
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



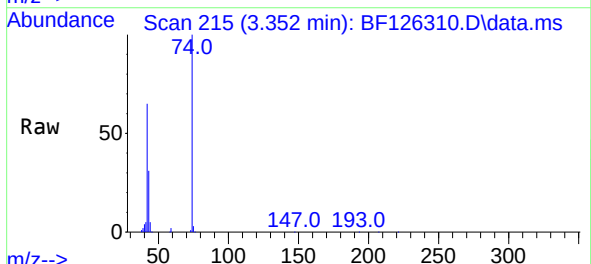
Tgt Ion: 79 Resp: 68145
Ion Ratio Lower Upper
79 100
52 72.4 70.3 105.5
51 33.3 44.1 66.1

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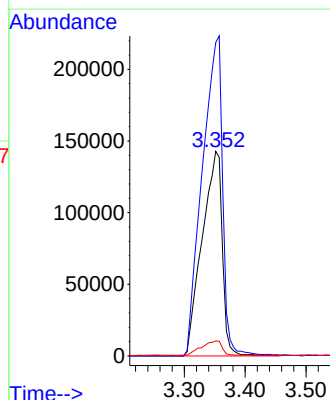
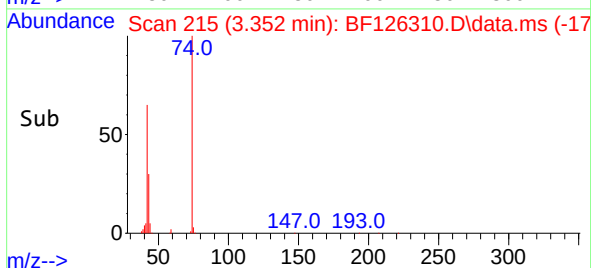
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Supervised By :mohammad ahmed 12/27/2021

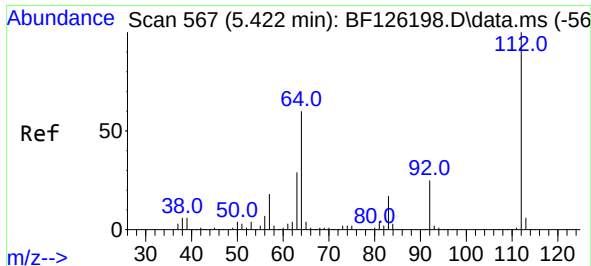


#4
n-Nitrosodimethylamine
Concen: 51.023 ng
RT: 3.352 min Scan# 215
Delta R.T. 0.118 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



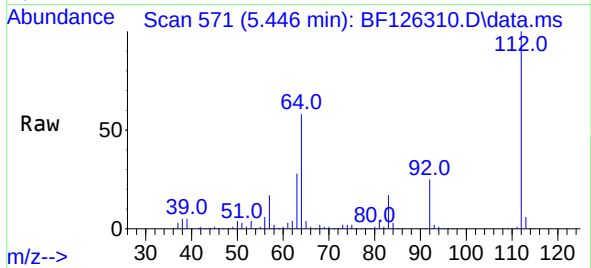
Tgt Ion: 42 Resp: 328485
Ion Ratio Lower Upper
42 100
74 153.2 59.0 88.6#
44 7.4 0.0 0.0#





#5
2-Fluorophenol
Concen: 102.386 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

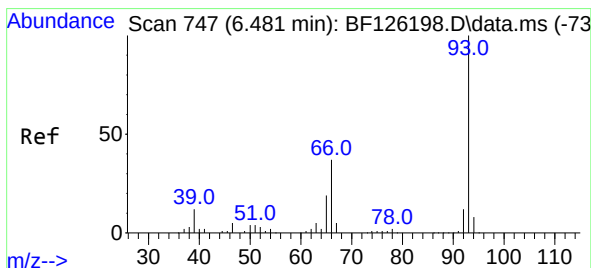
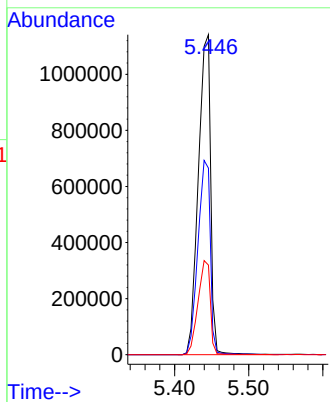
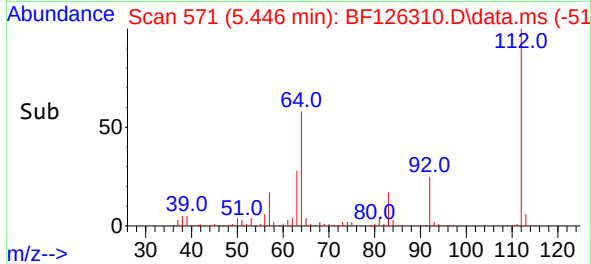
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:112 Resp: 132304
Ion Ratio Lower Upper
112 100
64 58.3 44.2 66.2
63 28.0 26.2 39.2

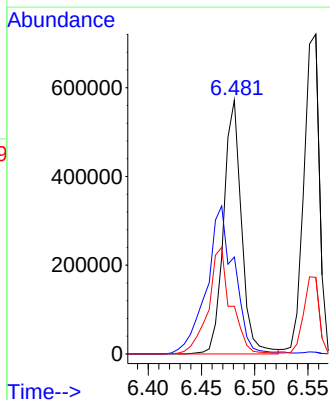
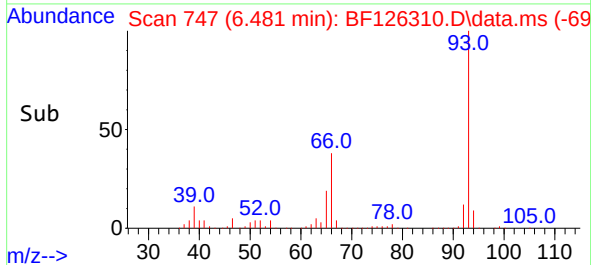
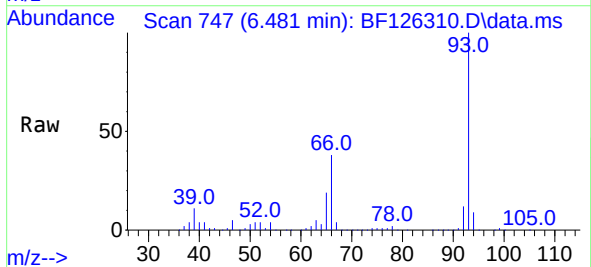
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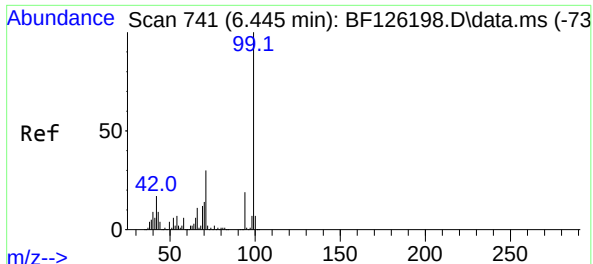
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#6
Aniline
Concen: 31.967 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

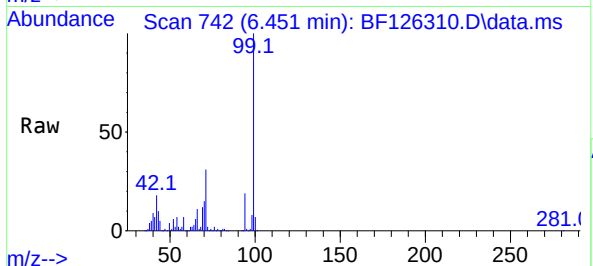
Tgt Ion: 93 Resp: 666248
Ion Ratio Lower Upper
93 100
66 38.2 32.7 49.1
65 18.8 14.2 21.4





#7
Phenol-d6
Concen: 106.378 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

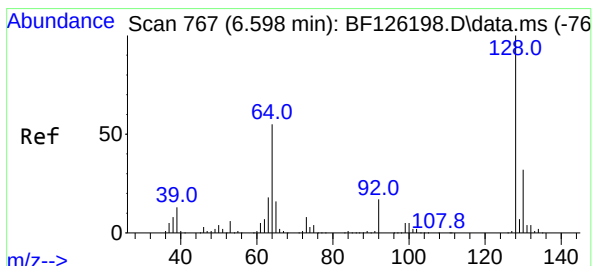
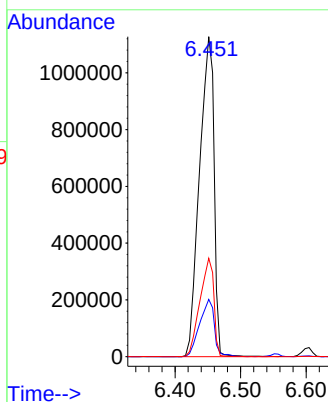
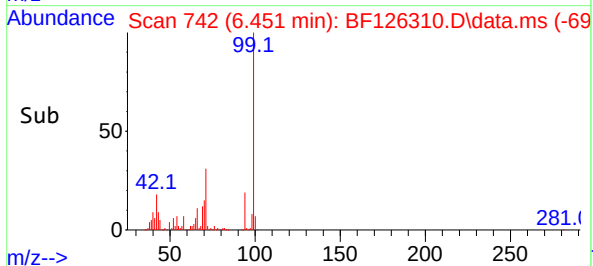
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Tgt Ion: 99 Resp: 1745420
Ion Ratio Lower Upper
99 100
42 17.9 23.5 35.3
71 30.8 25.6 38.4

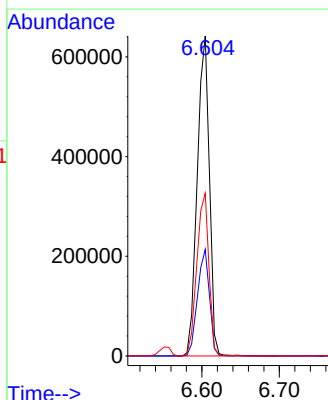
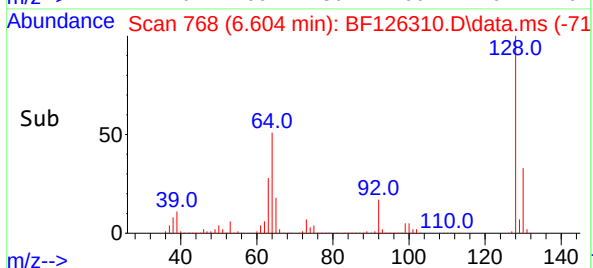
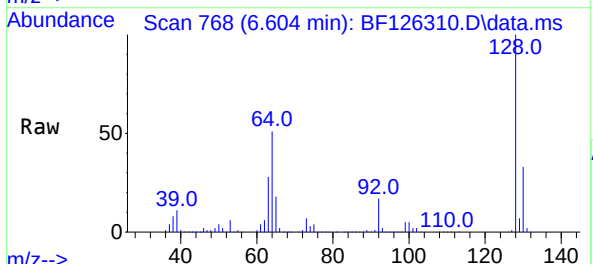
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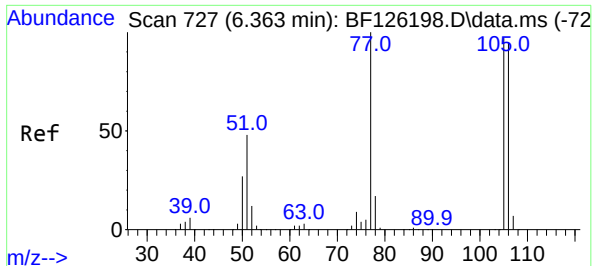
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#8
2-Chlorophenol
Concen: 53.205 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

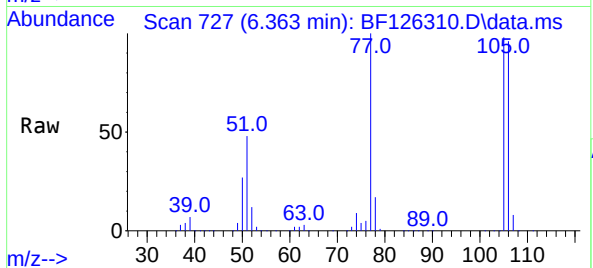
Tgt Ion:128 Resp: 697196
Ion Ratio Lower Upper
128 100
130 33.3 10.5 50.5
64 50.9 20.3 60.3





#9
Benzaldehyde
Concen: 49.677 ng
RT: 6.363 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

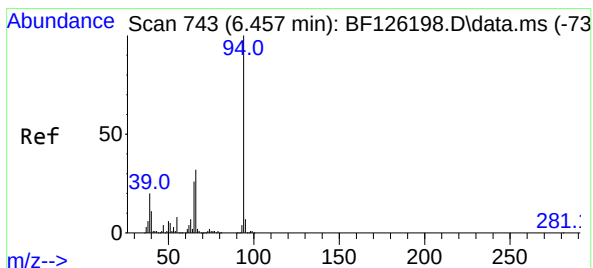
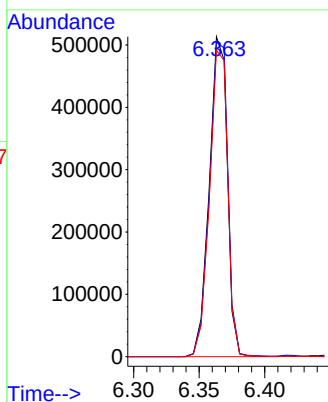
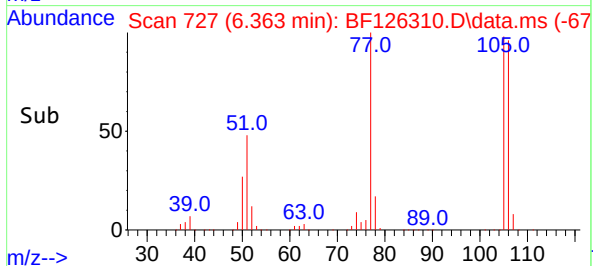
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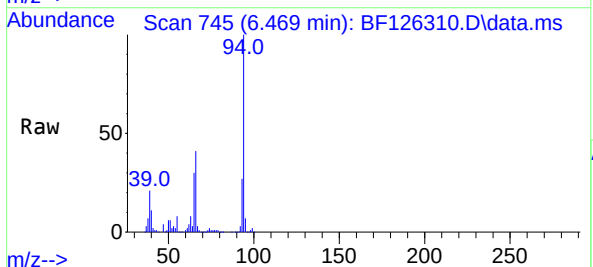
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Ion Ratio Lower Upper
77 100
105 98.3 75.9 115.9
106 95.8 84.0 124.0

Manual Integrations
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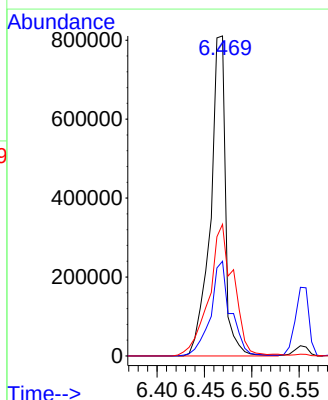
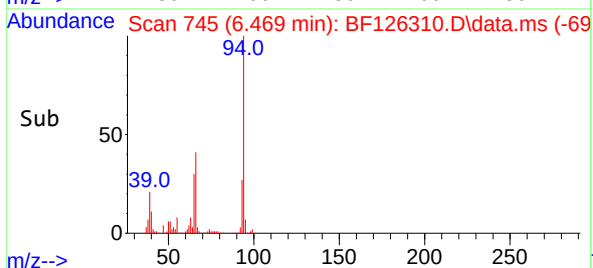
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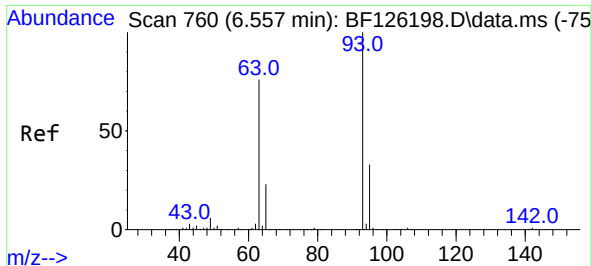


#10
Phenol
Concen: 49.008 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



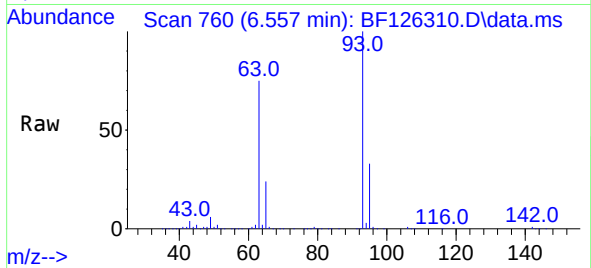
Tgt Ion: 94 Resp: 902617
Ion Ratio Lower Upper
94 100
65 29.6 9.3 49.3
66 41.2 20.3 60.3





#11
bis(2-Chloroethyl)ether
Concen: 50.980 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

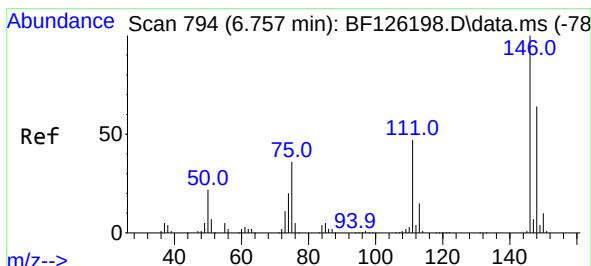
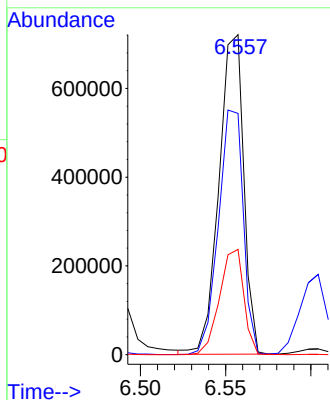
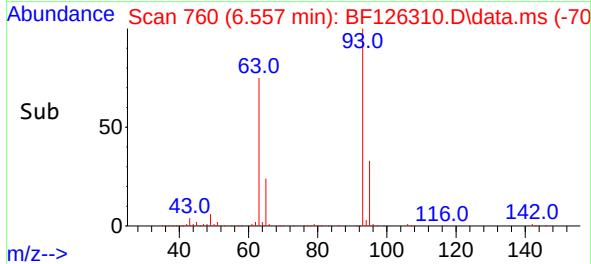
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



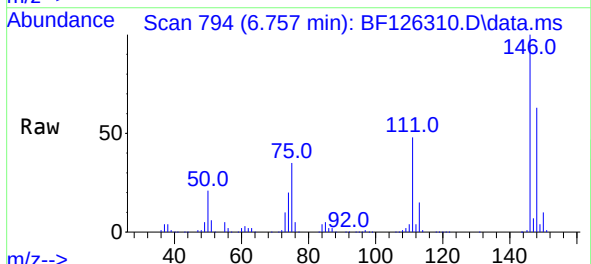
Tgt Ion: 93 Resp: 728820
Ion Ratio Lower Upper
93 100
63 75.4 54.4 94.4
95 32.9 11.4 51.4

Manual Integrations
APPROVED

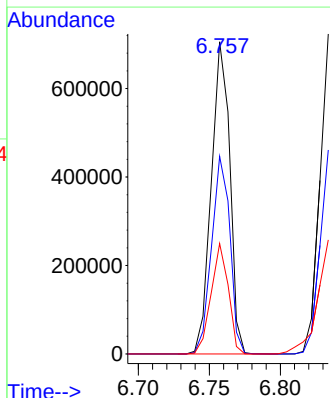
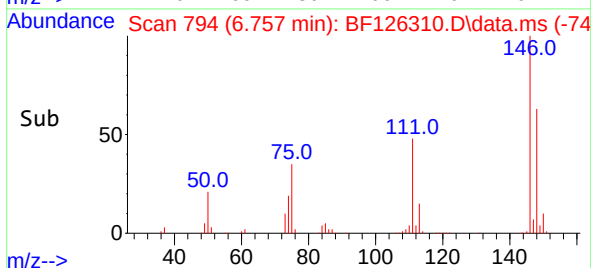
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

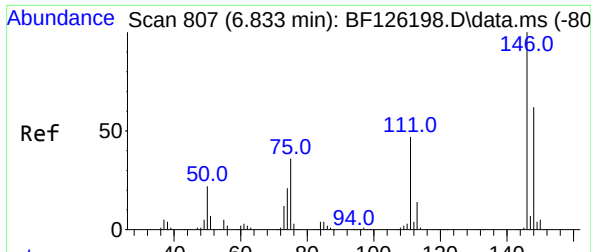


#12
1,3-Dichlorobenzene
Concen: 48.339 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



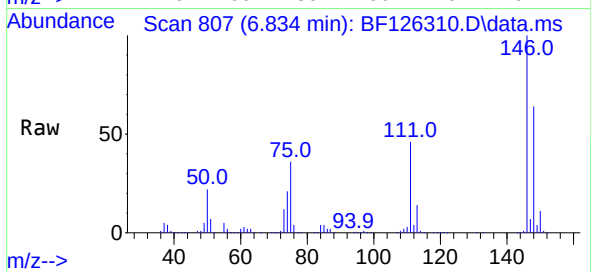
Tgt Ion:146 Resp: 638970
Ion Ratio Lower Upper
146 100
148 63.3 49.7 74.5
75 35.4 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 47.683 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

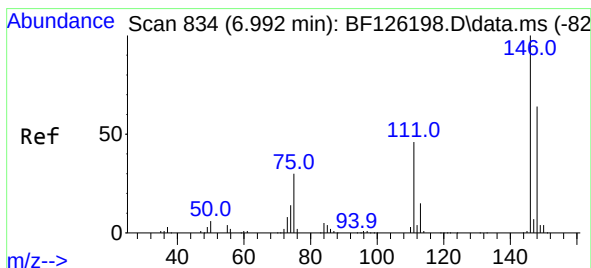
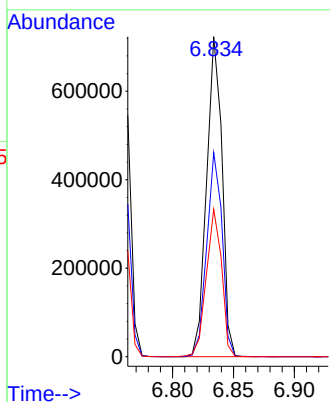
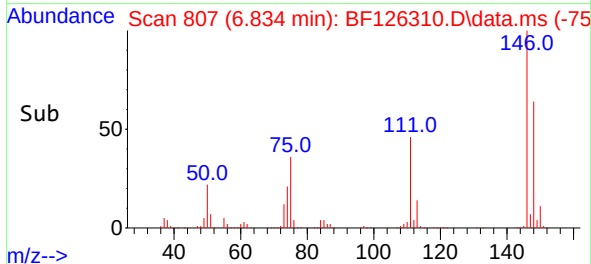
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



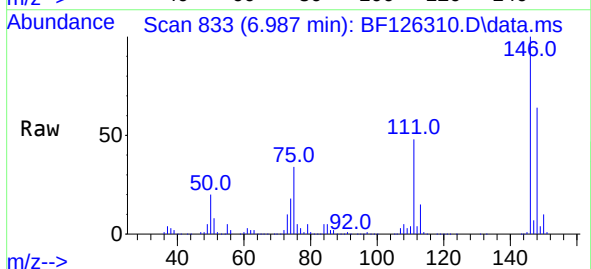
Tgt Ion:146 Resp: 636507
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
111 46.0 31.8 47.6

Manual Integrations
APPROVED

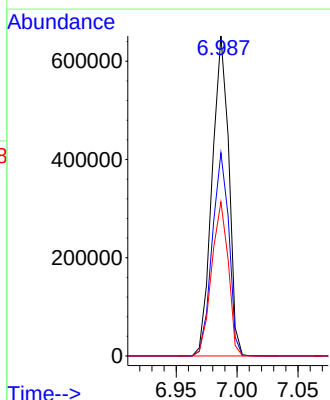
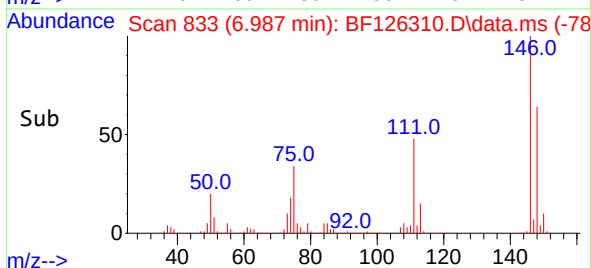
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

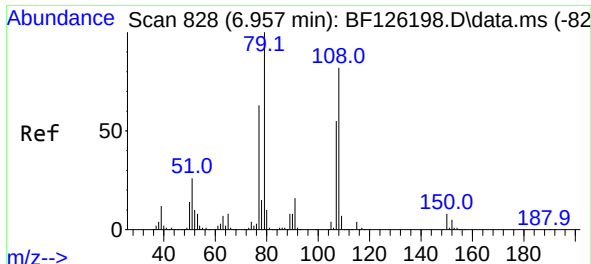


#14
1,2-Dichlorobenzene
Concen: 50.135 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



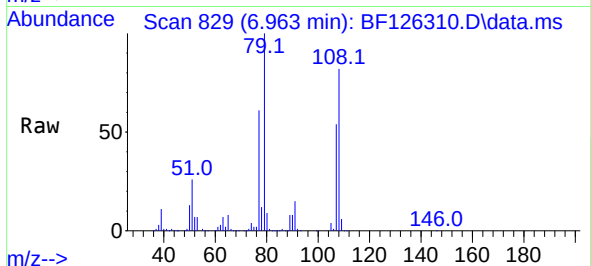
Tgt Ion:146 Resp: 618772
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
111 48.2 33.5 50.3





#15
Benzyl Alcohol
Concen: 49.435 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

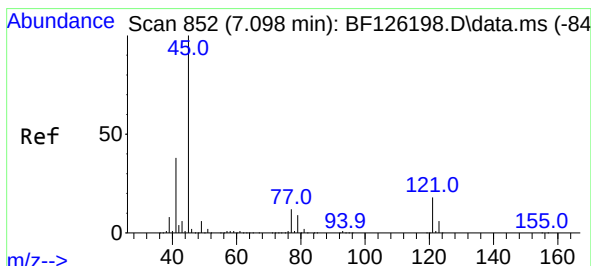
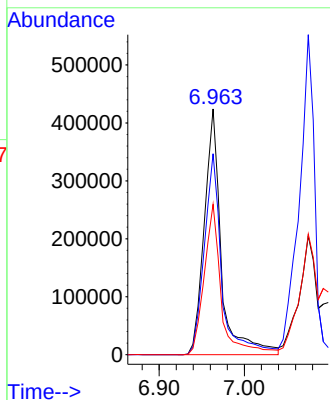
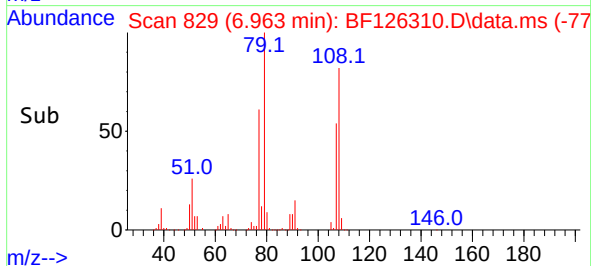
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion: 79 Resp: 59213
Ion Ratio Lower Upper
79 100
108 81.7 60.4 90.6
77 61.2 51.5 77.3

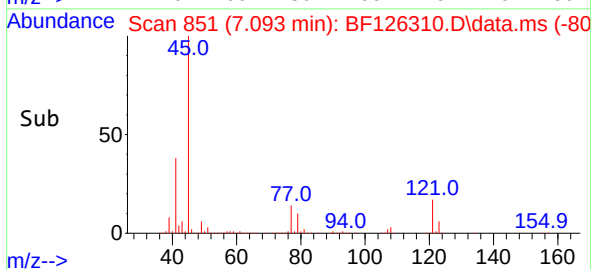
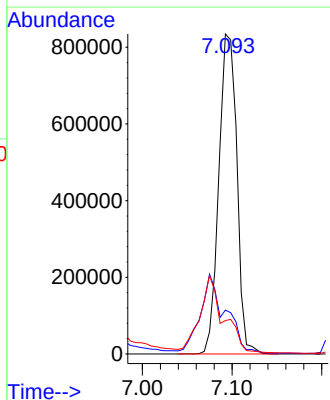
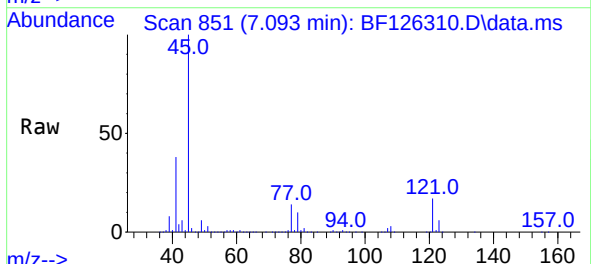
Manual Integrations
APPROVED

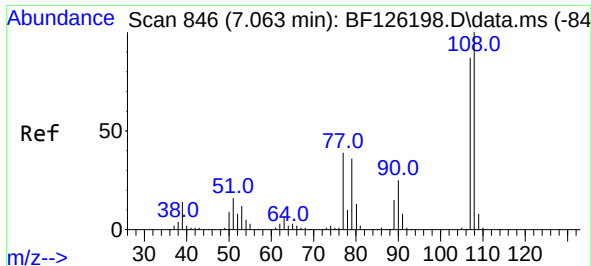
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.792 ng
RT: 7.093 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

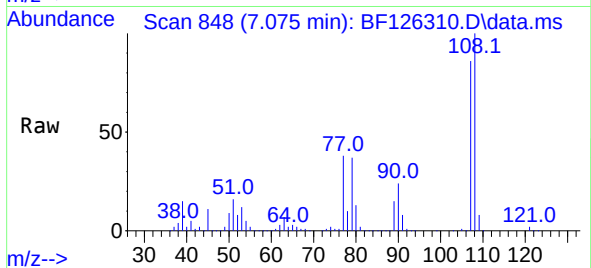
Tgt Ion: 45 Resp: 1164906
Ion Ratio Lower Upper
45 100
77 13.7 0.0 30.6
79 10.5 0.0 27.5





#17
2-Methylphenol
Concen: 53.182 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

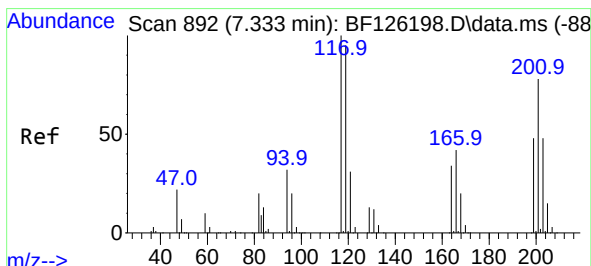
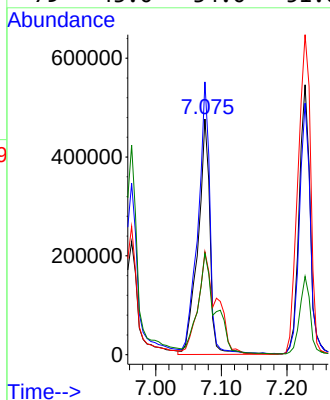
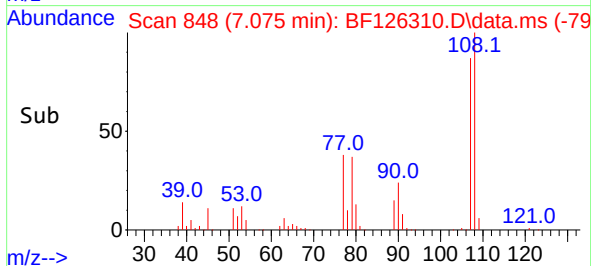
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:107 Resp: 610508
Ion Ratio Lower Upper
107 100
108 115.8 90.6 135.8
77 43.6 35.7 53.5
79 43.0 34.0 51.0

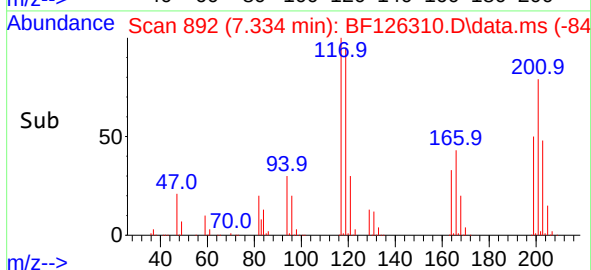
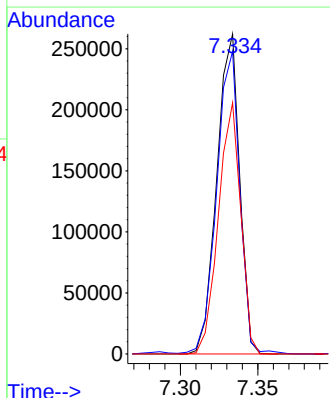
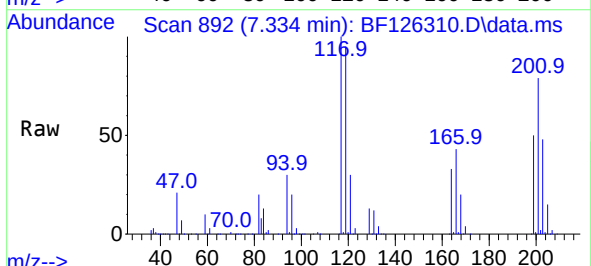
Manual Integrations
APPROVED

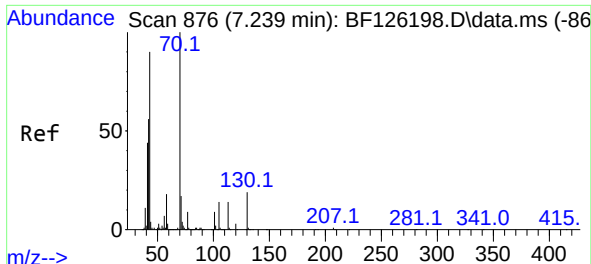
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#18
Hexachloroethane
Concen: 50.990 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

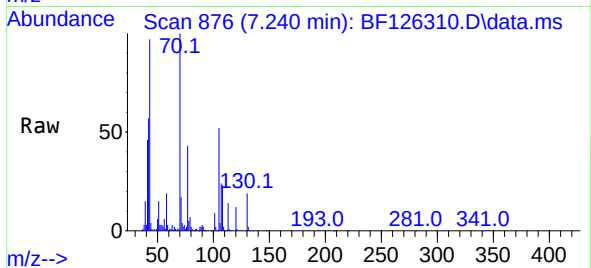
Tgt Ion:117 Resp: 267730
Ion Ratio Lower Upper
117 100
119 94.6 73.4 110.2
201 78.5 64.9 97.3





#19
n-Nitroso-di-n-propylamine
Concen: 47.756 ng
RT: 7.240 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

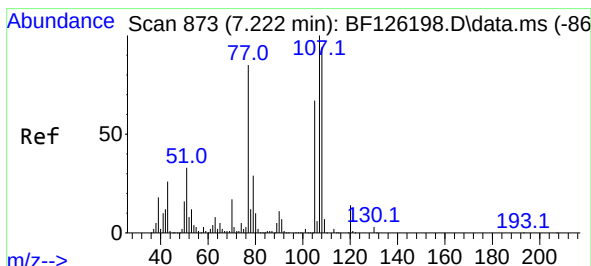
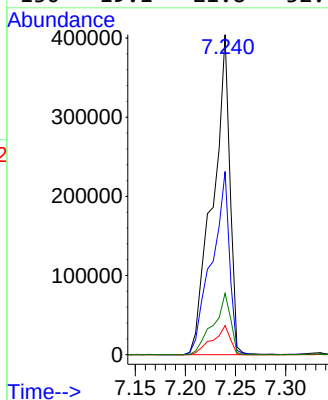
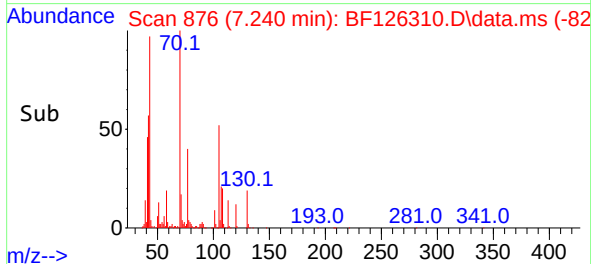
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



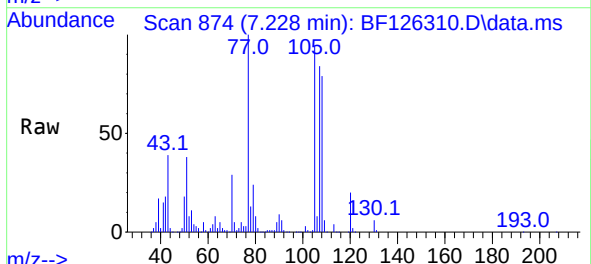
Tgt Ion: 70 Resp: 48103
Ion Ratio Lower Upper
70 100
42 57.3 72.2 108.2
101 9.1 7.8 11.8
130 19.1 21.8 32.6#

Manual Integrations
APPROVED

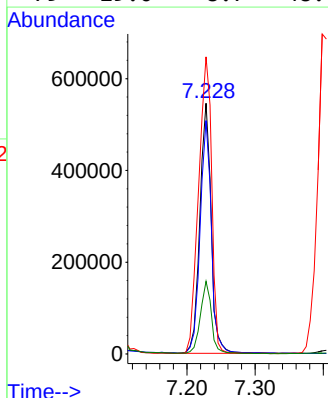
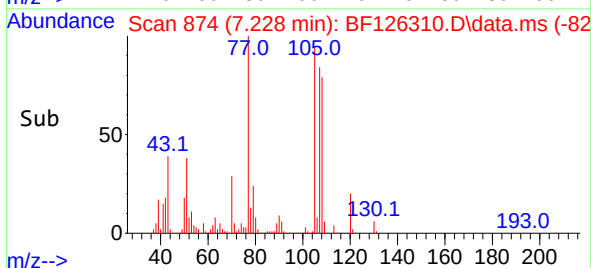
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

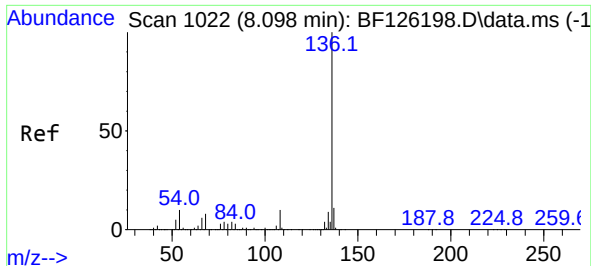


#20
3+4-Methylphenols
Concen: 46.554 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



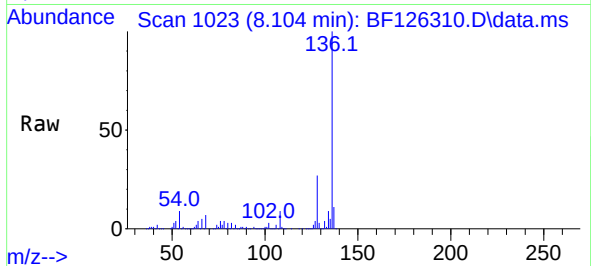
Tgt Ion:107 Resp: 631793
Ion Ratio Lower Upper
107 100
108 93.1 76.6 116.6
77 118.5 53.3 93.3#
79 29.0 8.7 48.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

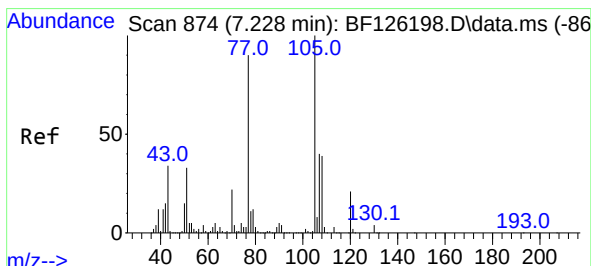
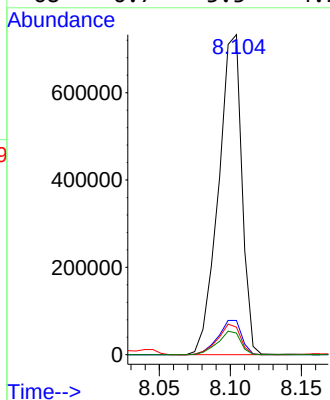
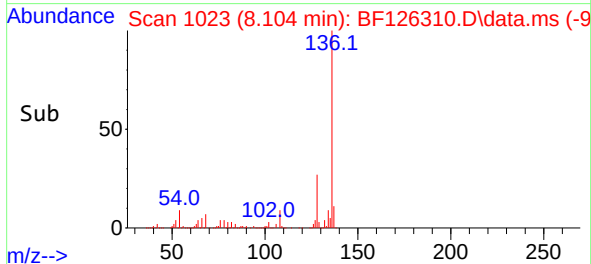
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:136 Resp: 839258
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 8.6 6.4 9.6
68 6.7 3.3 4.9#

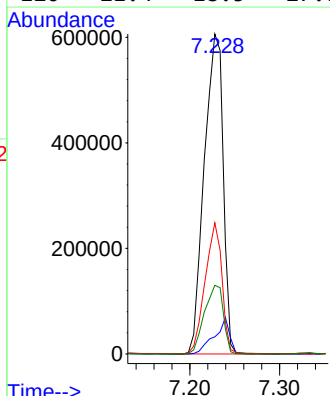
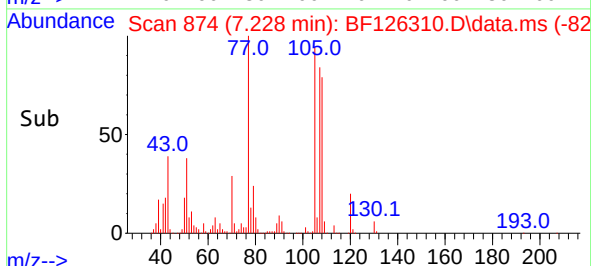
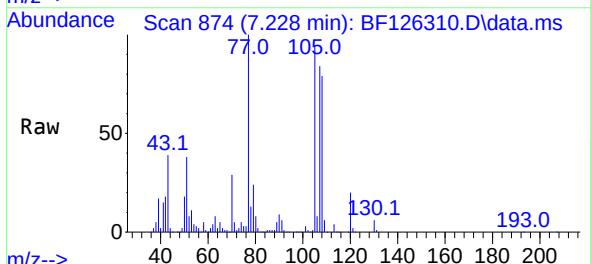
Manual Integrations
APPROVED

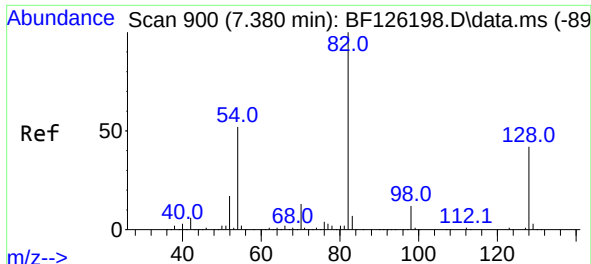
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#22
Acetophenone
Concen: 45.853 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

Tgt Ion:105 Resp: 885656
Ion Ratio Lower Upper
105 100
71 5.4 5.5 8.3#
51 41.0 26.0 39.0#
120 21.4 18.5 27.7





#23

Nitrobenzene-d5

Concen: 74.376 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126310.D

Acq: 21 Dec 2021 22:20

Instrument :

BNA_F

ClientSampleId :

POST-EXCAVATION-BOTTOM-EASTMS

Tgt Ion: 82 Resp: 115253

Ion Ratio Lower Upper

82 100

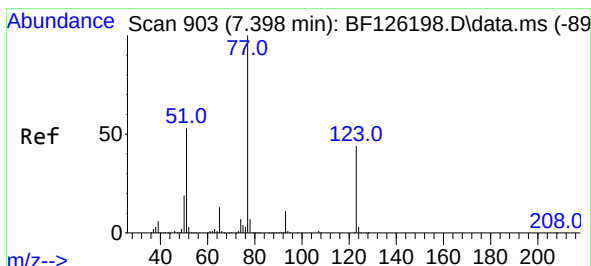
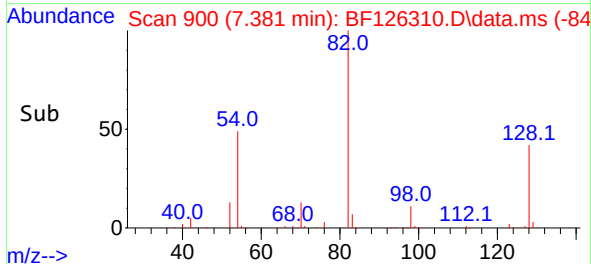
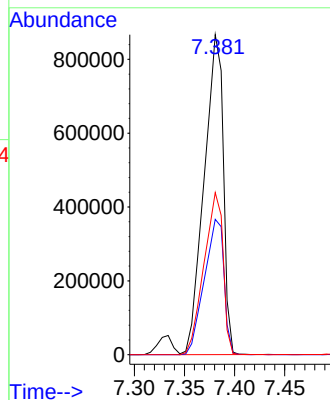
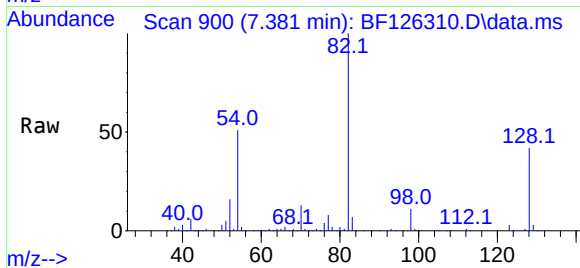
128 42.3 40.6 60.8

54 50.7 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#24

Nitrobenzene

Concen: 48.741 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF126310.D

Acq: 21 Dec 2021 22:20

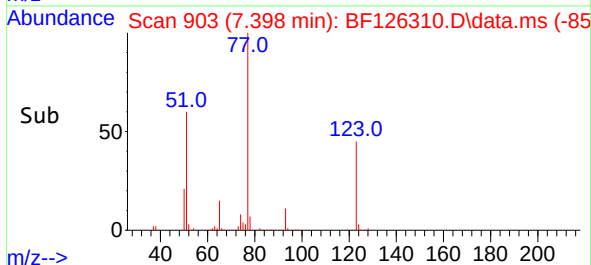
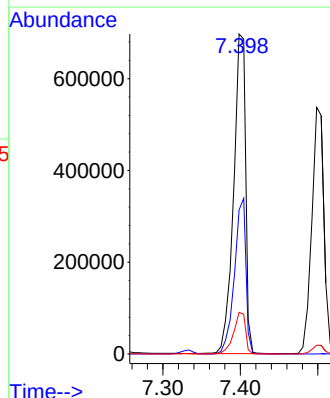
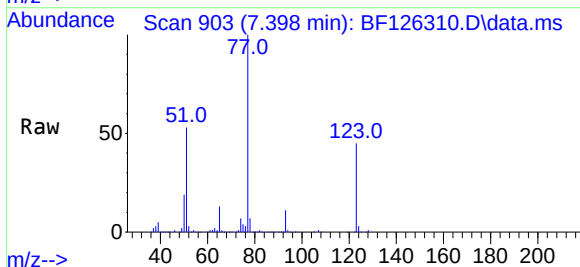
Tgt Ion: 77 Resp: 753994

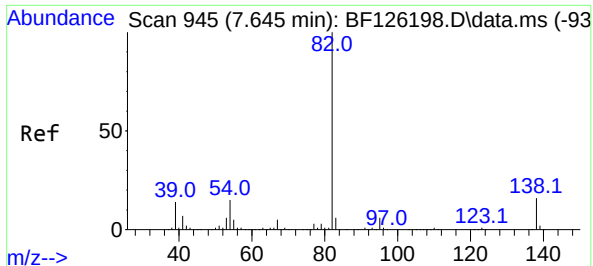
Ion Ratio Lower Upper

77 100

123 45.0 42.3 63.5

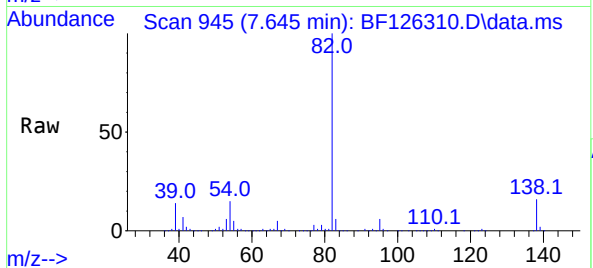
65 13.0 12.4 18.6





#25
Isophorone
Concen: 48.634 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

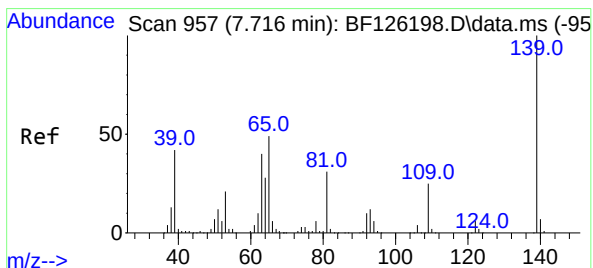
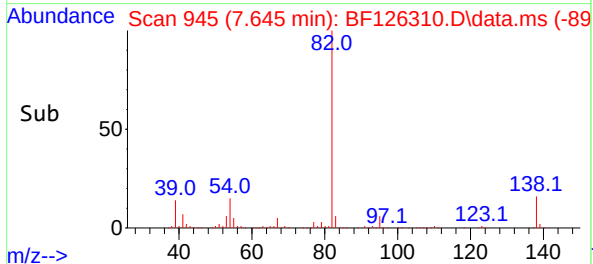
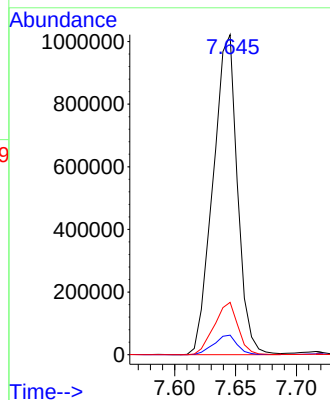
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion: 82 Resp: 1423174
Ion Ratio Lower Upper
82 100
95 6.1 6.5 9.7#
138 16.4 18.4 27.6#

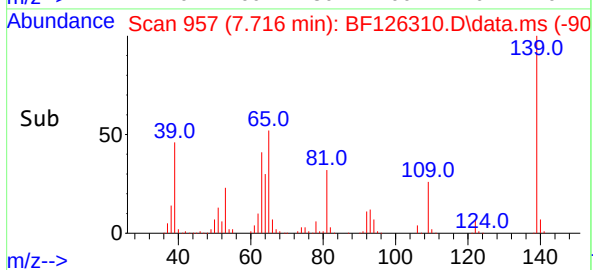
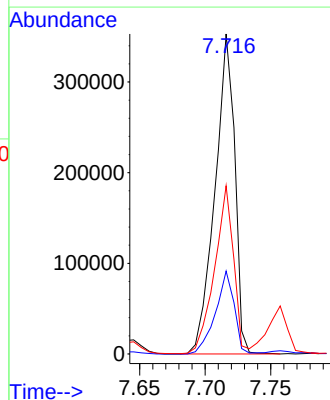
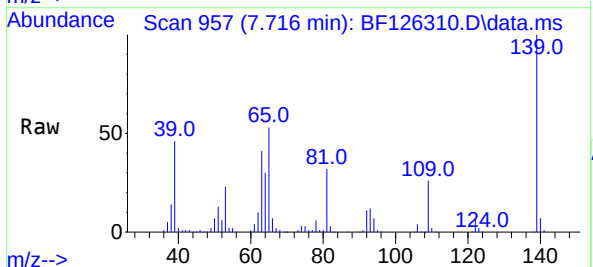
Manual Integrations
APPROVED

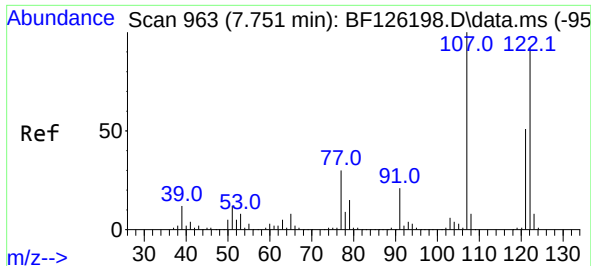
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#26
2-Nitrophenol
Concen: 53.074 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

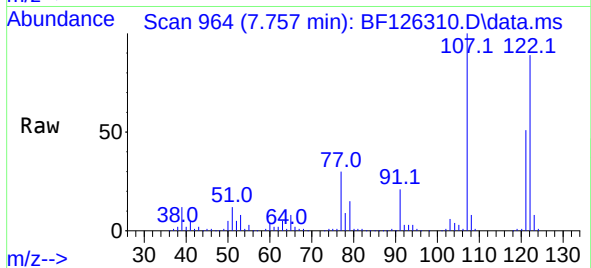
Tgt Ion:139 Resp: 370121
Ion Ratio Lower Upper
139 100
109 25.9 26.0 39.0#
65 52.5 31.0 46.4#





#27
2,4-Dimethylphenol
Concen: 53.625 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

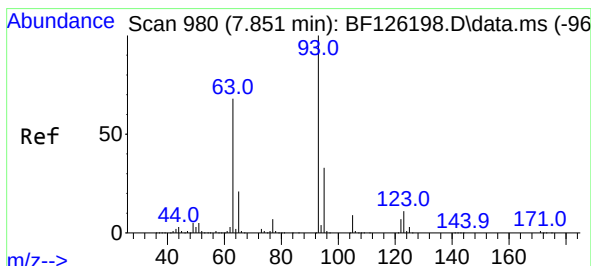
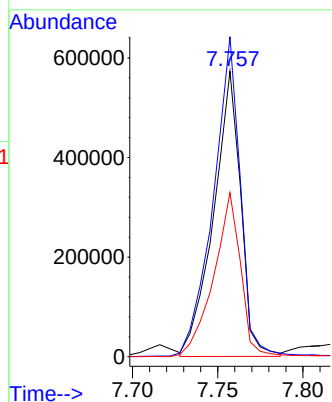
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:122 Resp: 635075
Ion Ratio Lower Upper
122 100
107 112.1 85.0 127.6
121 57.4 43.3 64.9

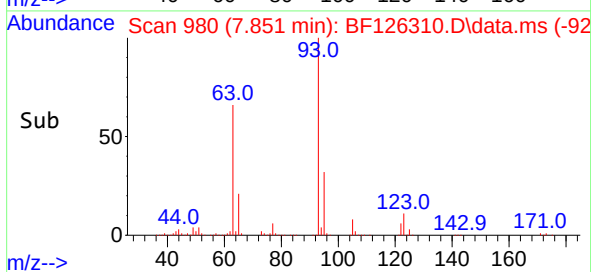
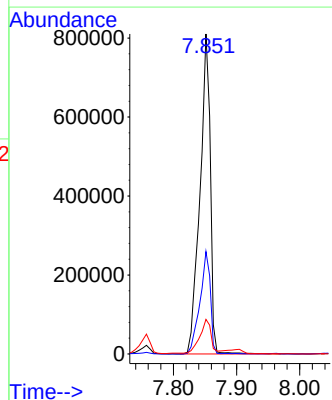
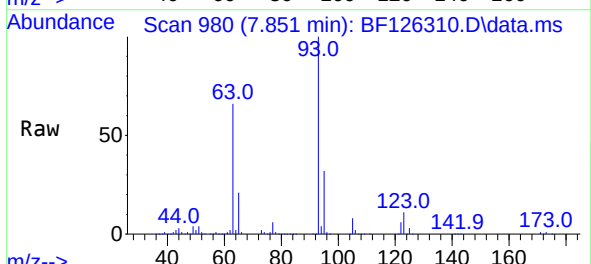
Manual Integrations
APPROVED

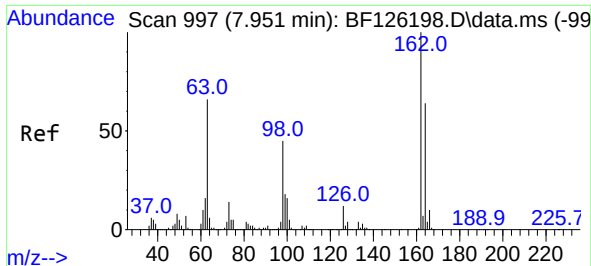
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#28
bis(2-Chloroethoxy)methane
Concen: 48.019 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

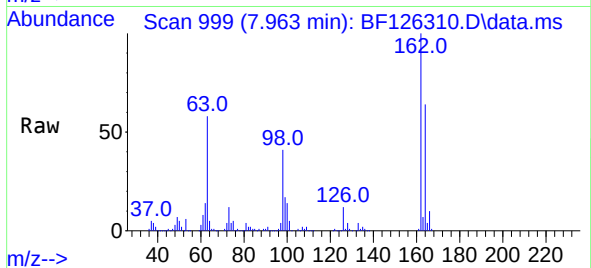
Tgt Ion: 93 Resp: 923869
Ion Ratio Lower Upper
93 100
95 32.0 26.1 39.1
123 10.8 11.7 17.5#





#29
2,4-Dichlorophenol
Concen: 49.601 ng
RT: 7.963 min Scan# 997
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

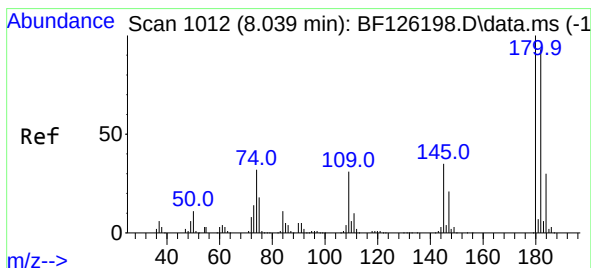
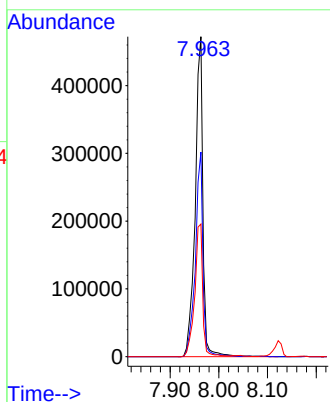
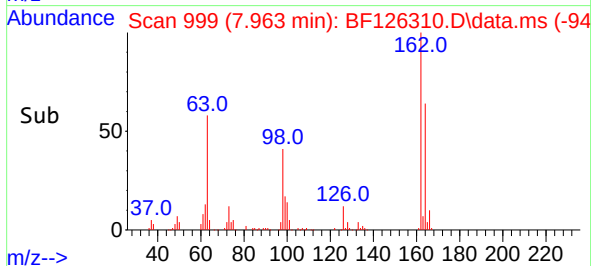
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:162 Resp: 52215
Ion Ratio Lower Upper
162 100
164 64.0 44.5 84.5
98 41.5 13.0 53.0

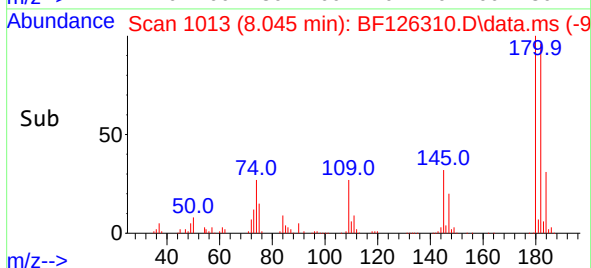
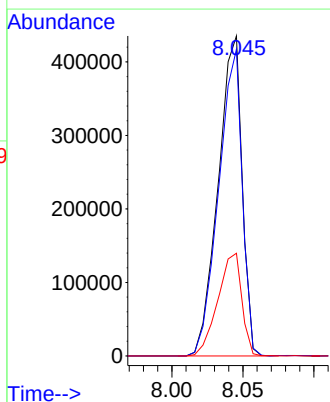
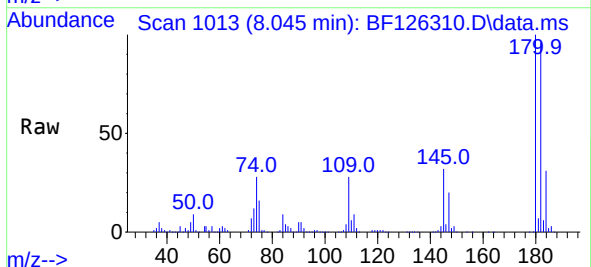
Manual Integrations
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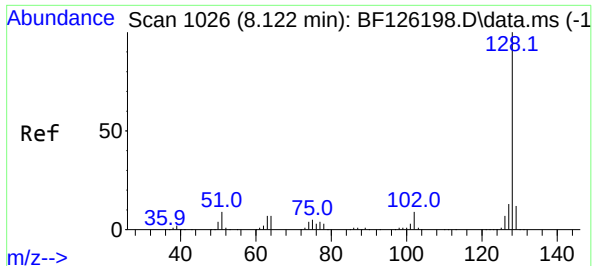
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#30
1,2,4-Trichlorobenzene
Concen: 46.737 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

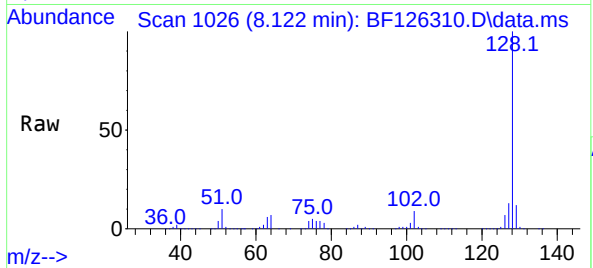
Tgt Ion:180 Resp: 508913
Ion Ratio Lower Upper
180 100
182 95.9 76.8 115.2
145 32.1 26.7 40.1





#31
Naphthalene
Concen: 47.541 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

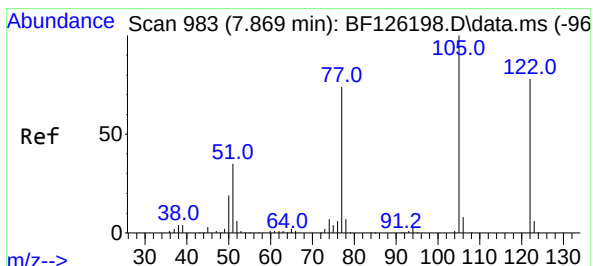
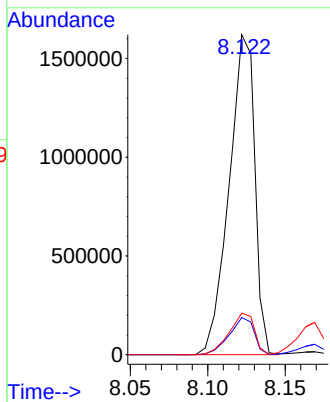
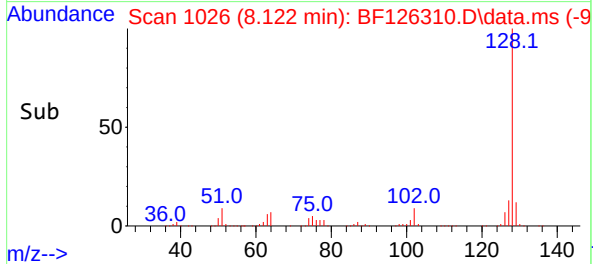
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



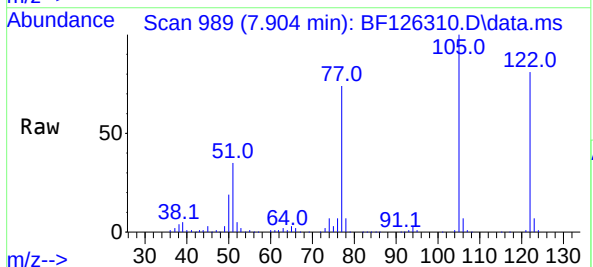
Tgt Ion:128 Resp: 186589
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.0 10.9 16.3

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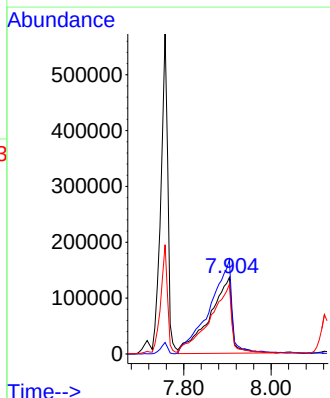
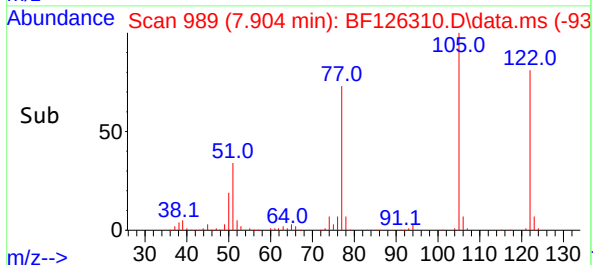
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

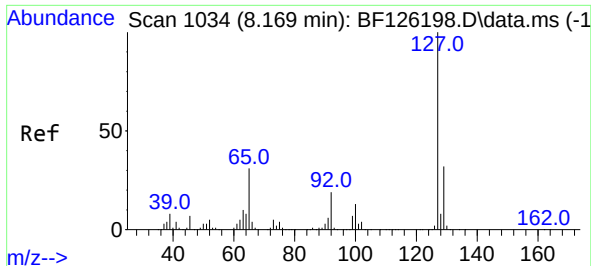


#32
Benzoic acid
Concen: 47.889 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.036 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



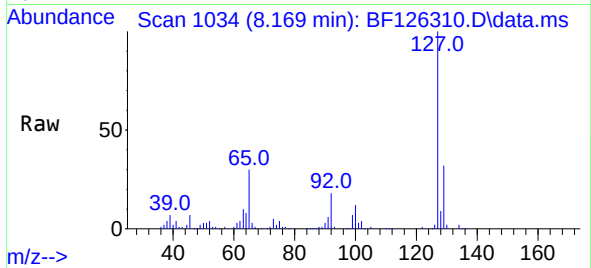
Tgt Ion:122 Resp: 488597
Ion Ratio Lower Upper
122 100
105 123.3 97.6 137.6
77 91.1 59.6 99.6





#33
4-Chloroaniline
Concen: 12.811 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS

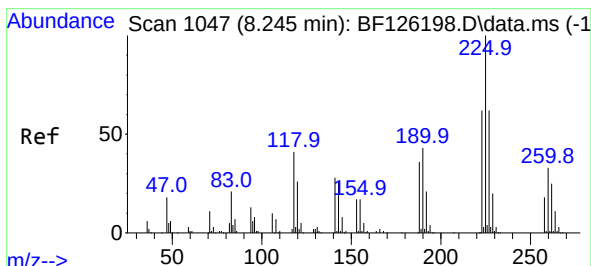
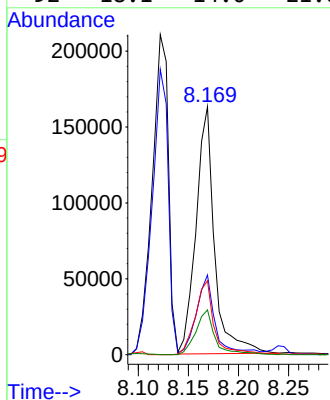
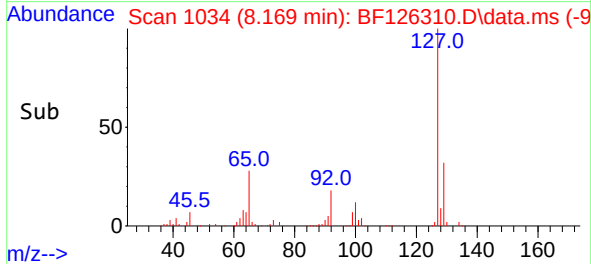


Tgt Ion:127 Resp: 209940

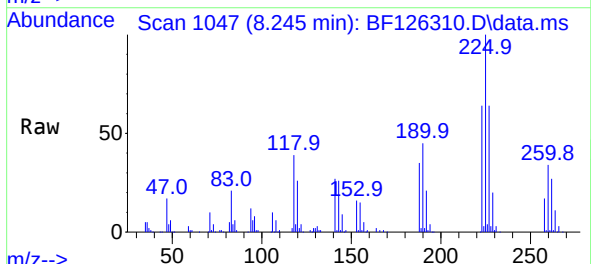
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	29.8	21.2	31.8
92	18.1	14.0	21.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

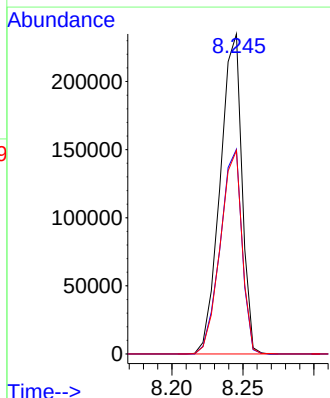
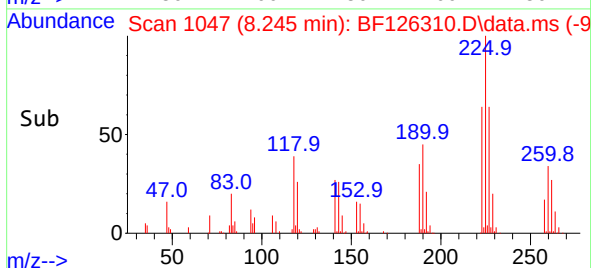


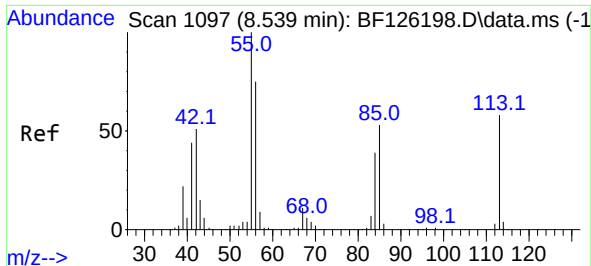
#34
Hexachlorobutadiene
Concen: 46.738 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



Tgt Ion:225 Resp: 249947

Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	63.6	50.6	75.8





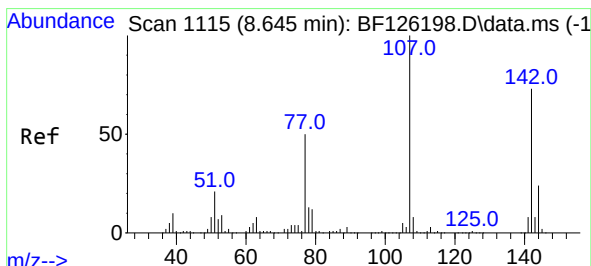
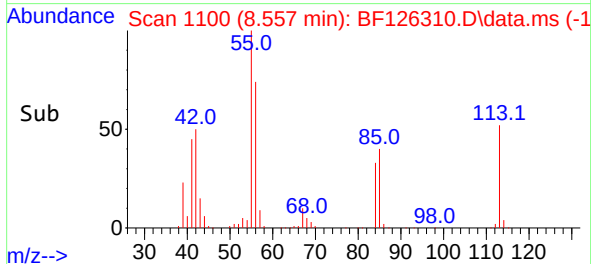
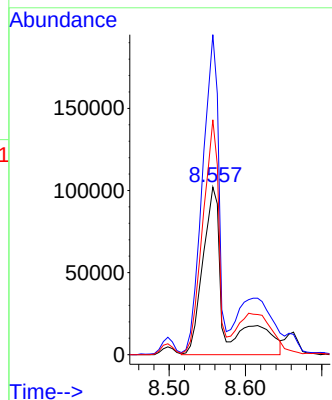
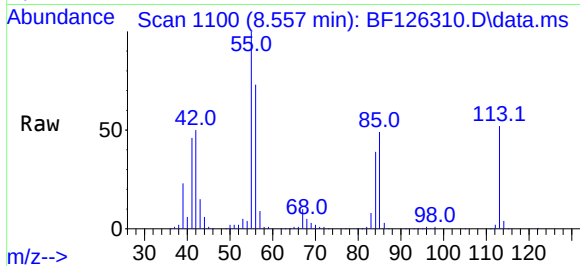
#35
Caprolactam
Concen: 79.774 ng m
RT: 8.557 min Scan# 1110
Delta R.T. 0.018 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS

Tgt Ion:113 Resp: 208700
Ion Ratio Lower Upper
113 100
55 190.9 154.1 194.1
56 140.1 108.7 148.7

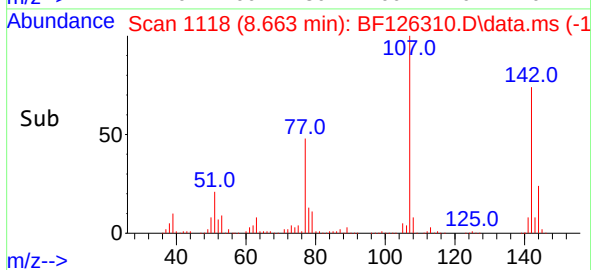
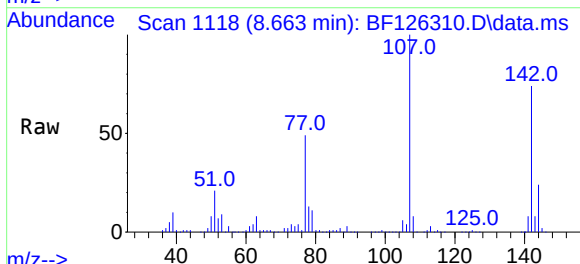
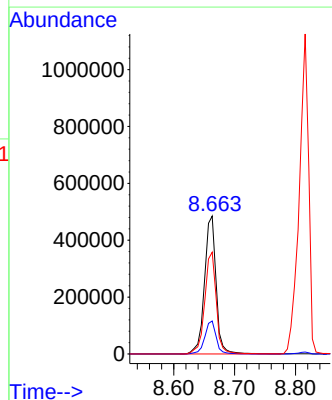
Manual Integrations
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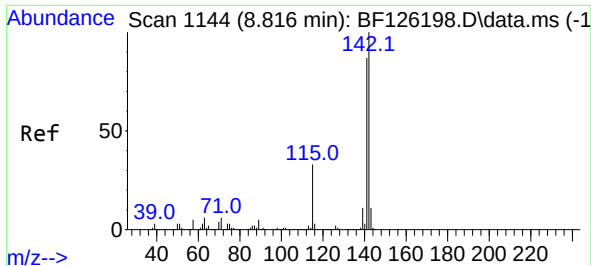
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#36
4-Chloro-3-methylphenol
Concen: 51.710 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.018 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

Tgt Ion:107 Resp: 642118
Ion Ratio Lower Upper
107 100
144 23.9 21.9 32.9
142 73.8 67.1 100.7





#37

2-Methylnaphthalene

Concen: 50.339 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF126310.D

Acq: 21 Dec 2021 22:20

Instrument :

BNA_F

ClientSampleId :

POST-EXCAVATION-BOTTOM-EASTMS

Tgt Ion:142 Resp: 121672

Ion Ratio Lower Upper

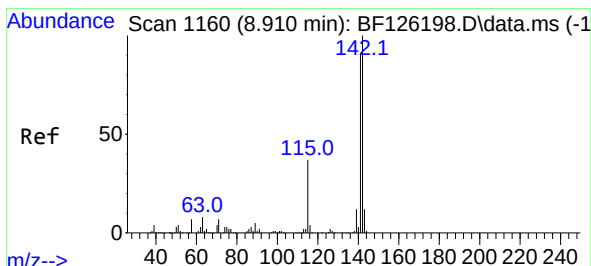
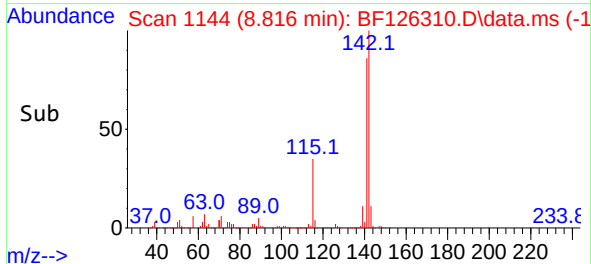
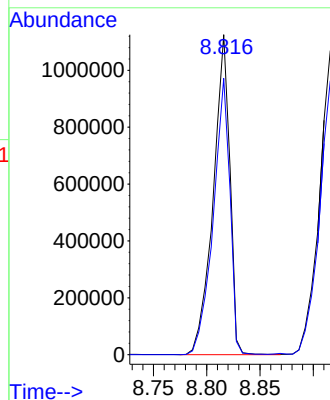
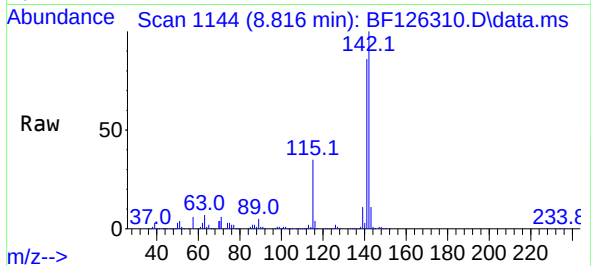
142 100

141 86.3 71.2 106.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#38

1-Methylnaphthalene

Concen: 47.404 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.006 min

Lab File: BF126310.D

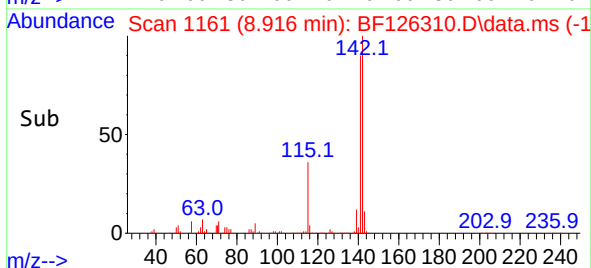
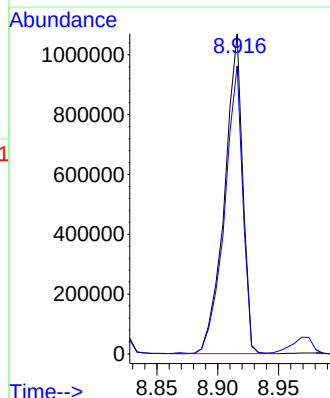
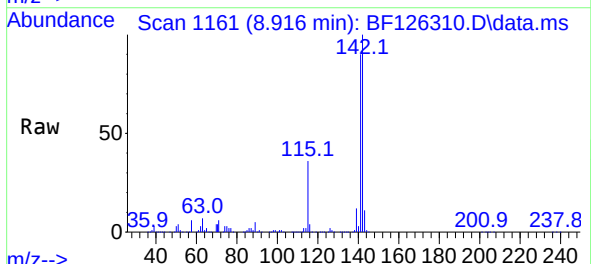
Acq: 21 Dec 2021 22:20

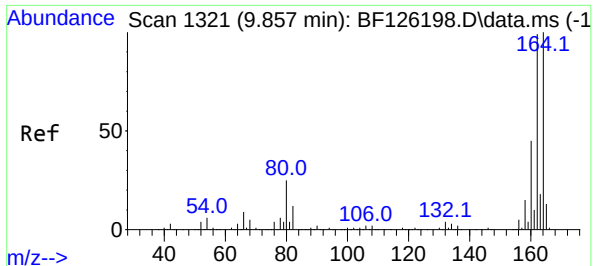
Tgt Ion:142 Resp: 1111934

Ion Ratio Lower Upper

142 100

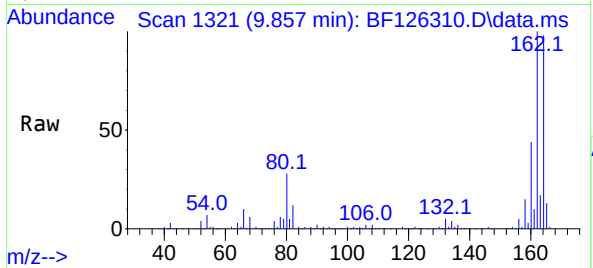
141 90.1 76.0 114.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

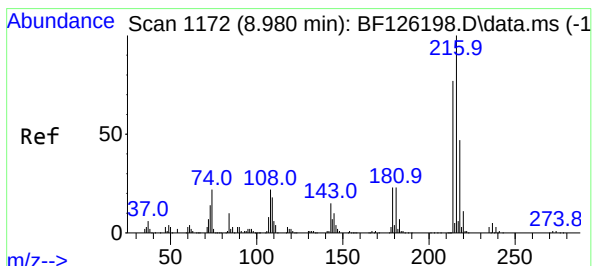
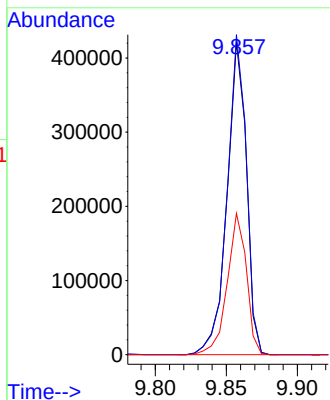
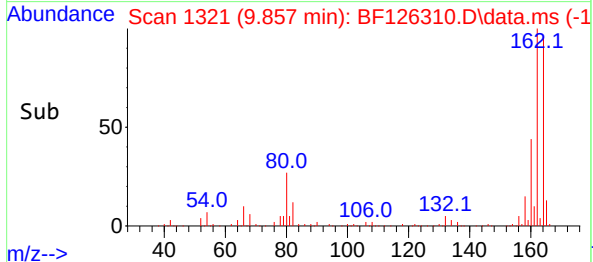
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



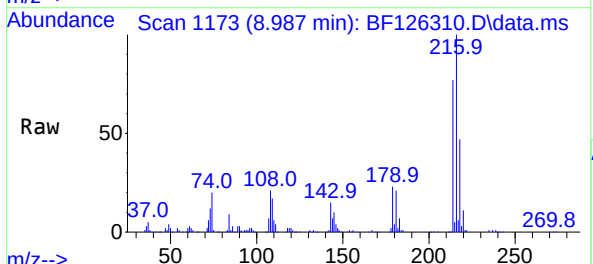
Tgt Ion:164 Resp: 40010
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.2 38.0 57.0

Manual Integrations
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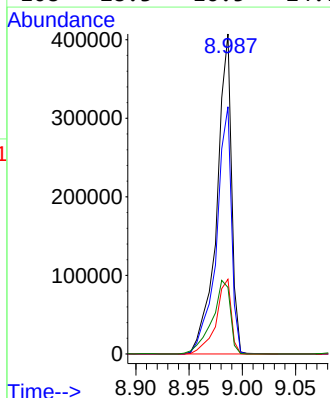
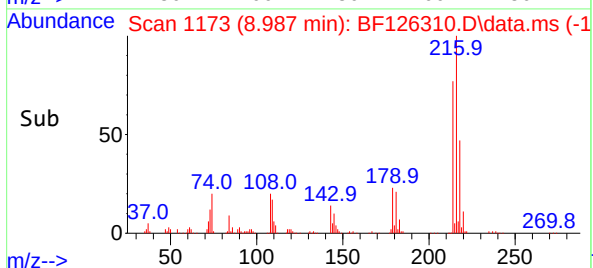
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

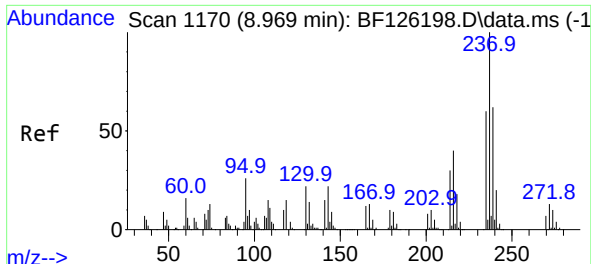


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.459 ng
RT: 8.987 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



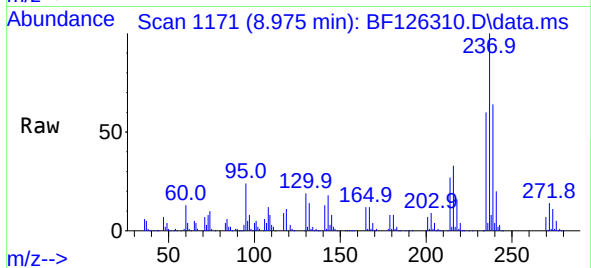
Tgt Ion:216 Resp: 392551
Ion Ratio Lower Upper
216 100
214 78.8 64.9 97.3
179 24.0 17.4 26.2
108 28.3 16.5 24.7#





#41
Hexachlorocyclopentadiene
Concen: 97.116 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

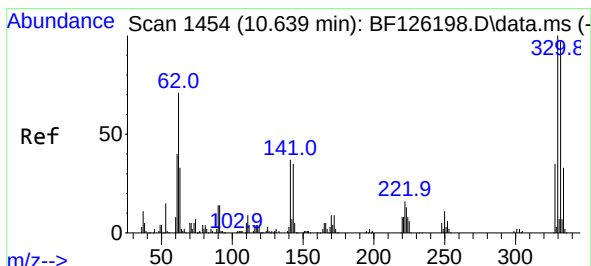
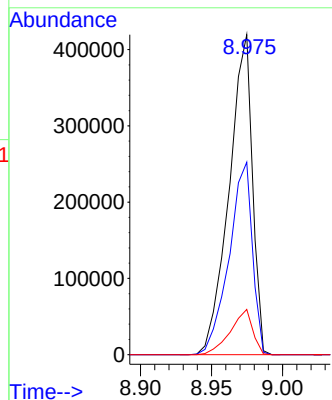
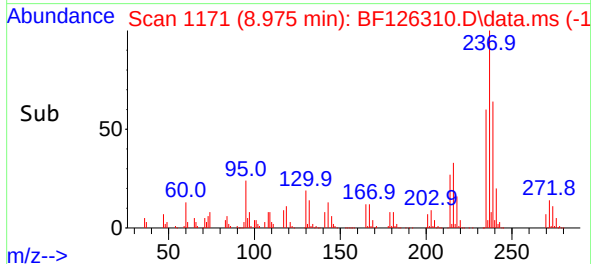
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



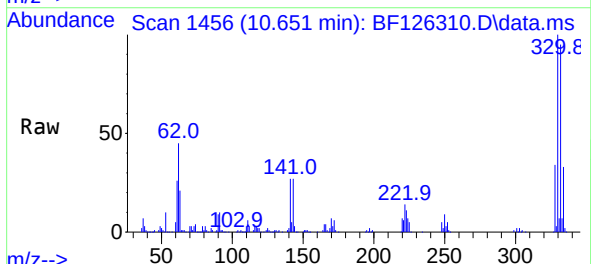
Tgt Ion:237 Resp: 480230
Ion Ratio Lower Upper
237 100
235 60.1 44.7 84.7
272 14.2 0.0 31.6

Manual Integrations
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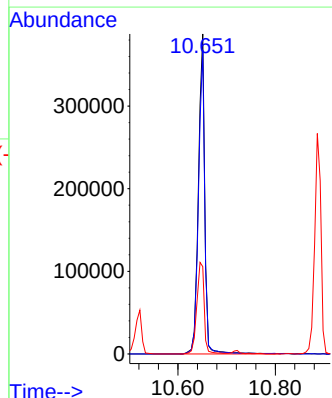
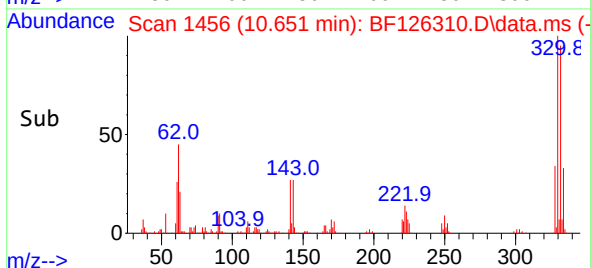
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

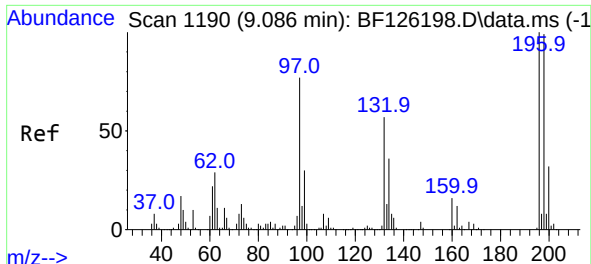


#42
2,4,6-Tribromophenol
Concen: 110.503 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



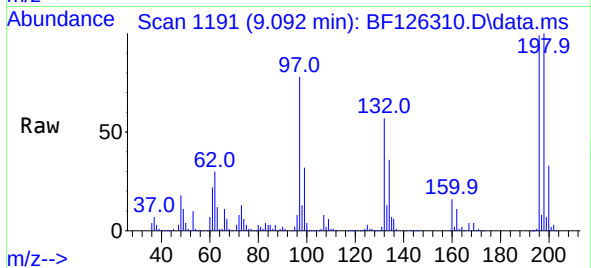
Tgt Ion:330 Resp: 355313
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 33.3 44.6 66.8#





#43
2,4,6-Trichlorophenol
Concen: 45.446 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

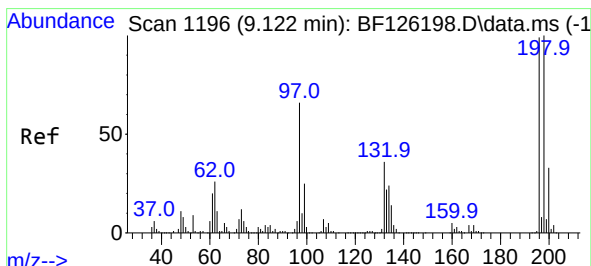
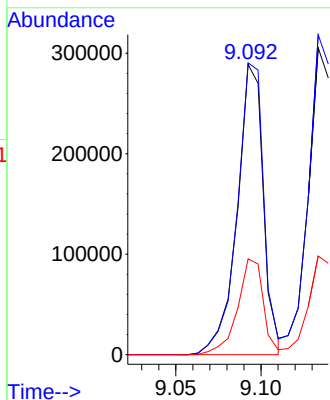
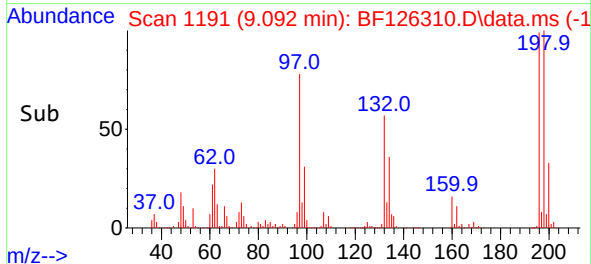
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



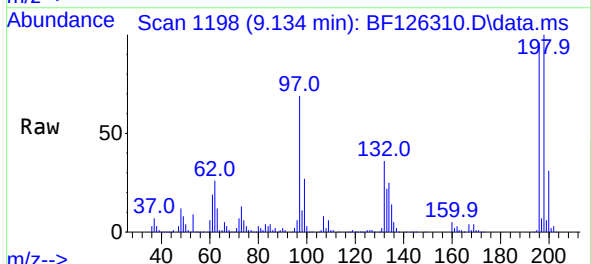
Tgt Ion:196 Resp: 308709
Ion Ratio Lower Upper
196 100
198 100.5 74.9 112.3
200 33.0 27.0 40.4

Manual Integrations
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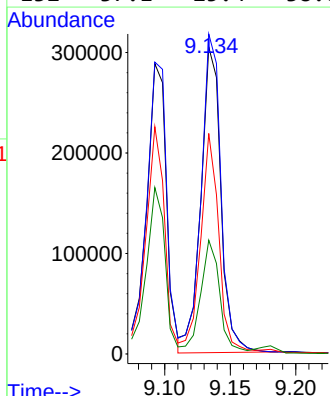
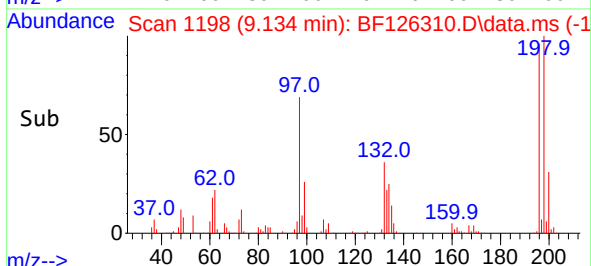
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

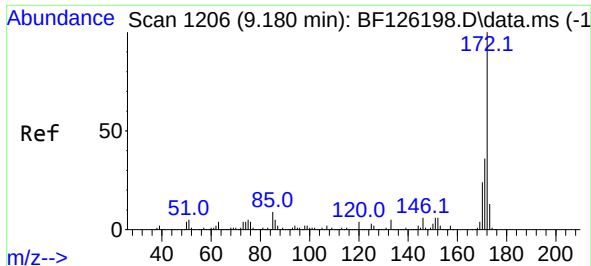


#44
2,4,5-Trichlorophenol
Concen: 46.004 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



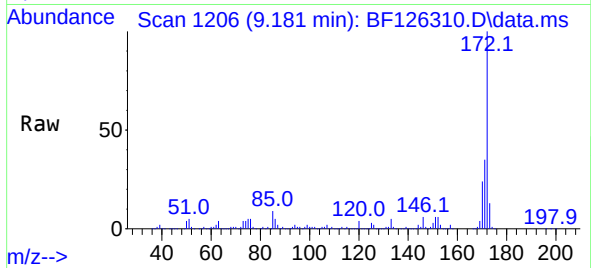
Tgt Ion:196 Resp: 323621
Ion Ratio Lower Upper
196 100
198 104.3 80.2 120.2
97 71.9 44.0 66.0#
132 37.1 25.4 38.0





#45
2-Fluorobiphenyl
Concen: 67.422 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

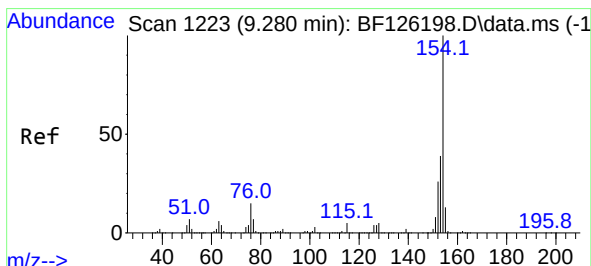
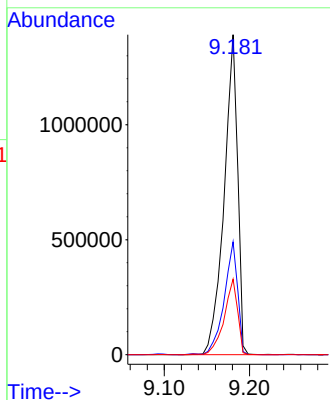
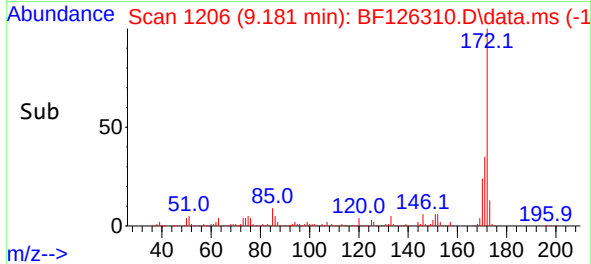
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



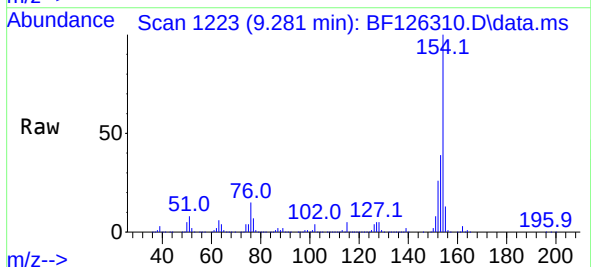
Tgt Ion:172 Resp: 1538060
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.6 18.8 28.2

Manual Integrations
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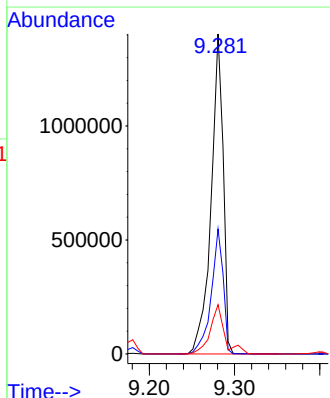
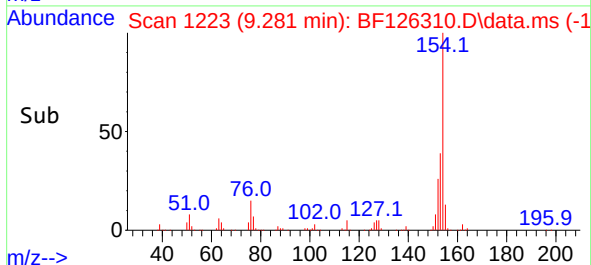
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

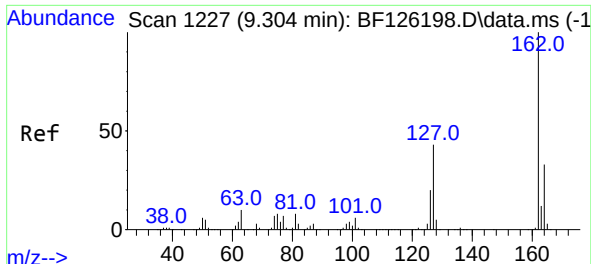


#46
1,1'-Biphenyl
Concen: 46.830 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



Tgt Ion:154 Resp: 1385418
Ion Ratio Lower Upper
154 100
153 39.0 20.0 60.0
76 15.4 0.0 30.3





#47

2-Chloronaphthalene

Concen: 45.235 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF126310.D

Acq: 21 Dec 2021 22:20

Instrument :

BNA_F

ClientSampleId :

POST-EXCAVATION-BOTTOM-EASTMS

Tgt Ion:162 Resp: 100687

Ion Ratio Lower Upper

162 100

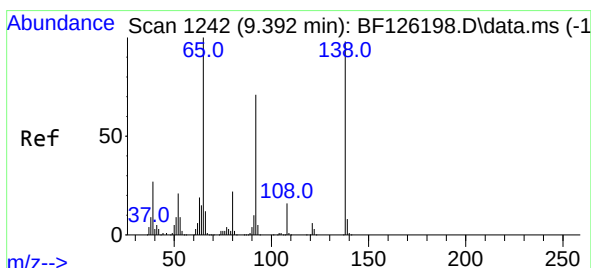
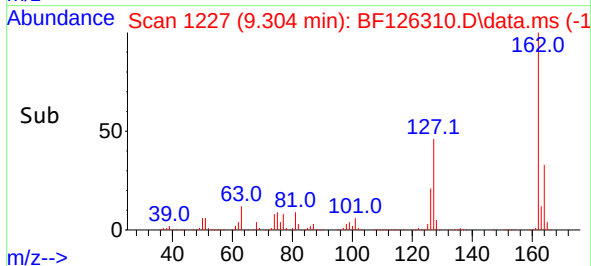
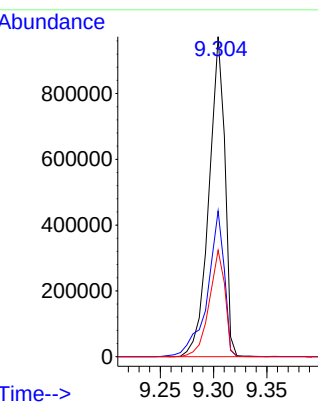
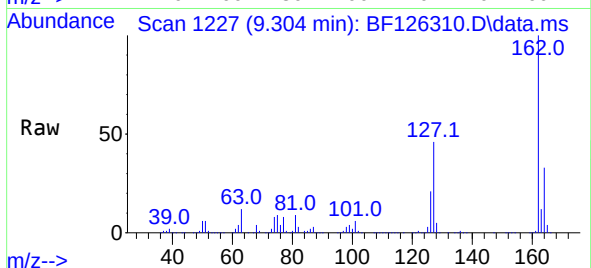
127 45.6 33.0 49.4

164 33.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#48

2-Nitroaniline

Concen: 50.063 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF126310.D

Acq: 21 Dec 2021 22:20

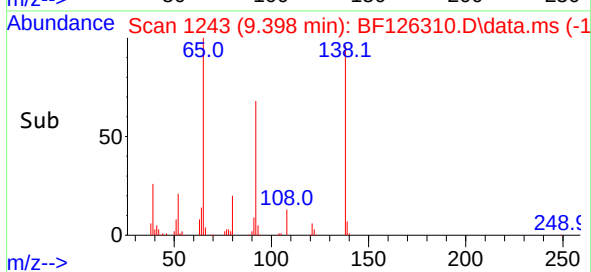
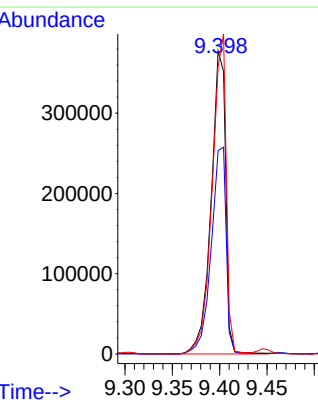
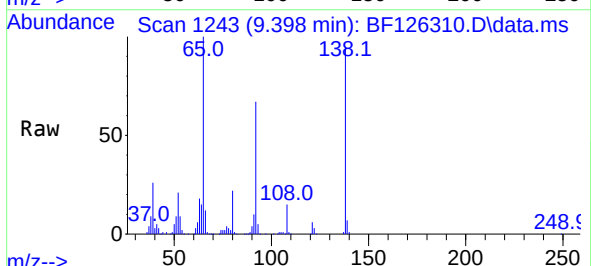
Tgt Ion: 65 Resp: 406731

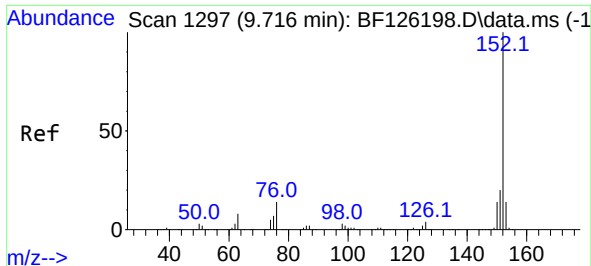
Ion Ratio Lower Upper

65 100

92 67.2 55.5 83.3

138 94.9 93.5 140.3





#49

Acenaphthylene

Concen: 46.864 ng

RT: 9.722 min Scan# 1298

Delta R.T. 0.006 min

Lab File: BF126310.D

Acq: 21 Dec 2021 22:20

Instrument :

BNA_F

ClientSampleId :

POST-EXCAVATION-BOTTOM-EASTMS

Tgt Ion:152 Resp: 1593940

Ion Ratio Lower Upper

152 100

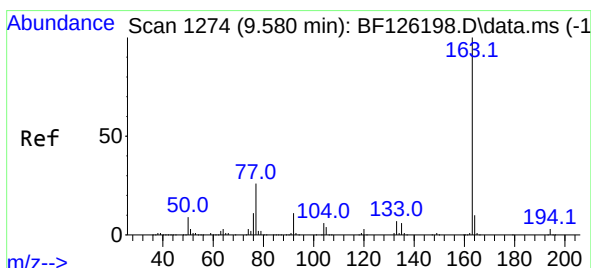
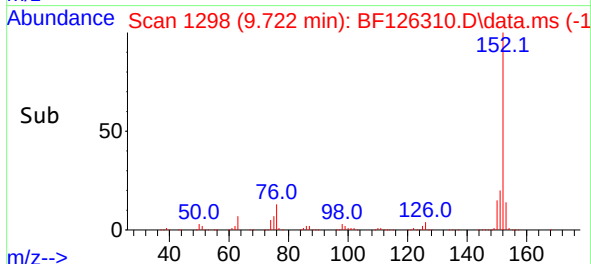
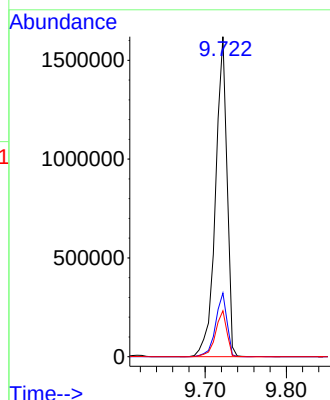
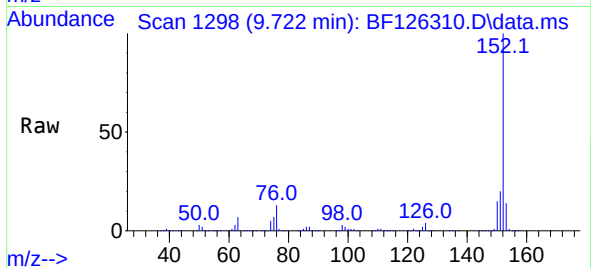
151 19.9 15.7 23.5

153 14.3 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#50

Dimethylphthalate

Concen: 47.348 ng

RT: 9.586 min Scan# 1275

Delta R.T. 0.006 min

Lab File: BF126310.D

Acq: 21 Dec 2021 22:20

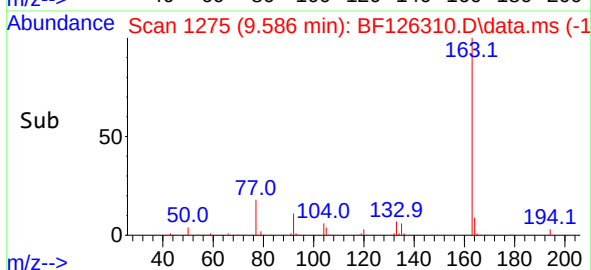
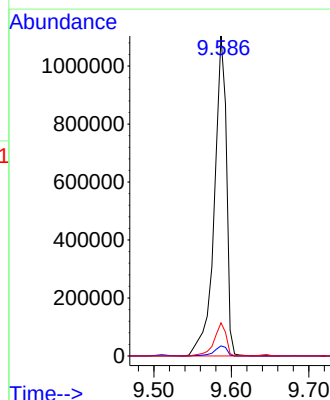
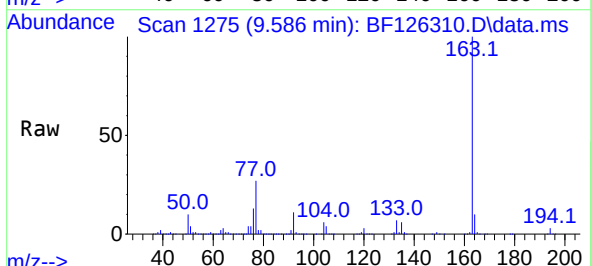
Tgt Ion:163 Resp: 1200012

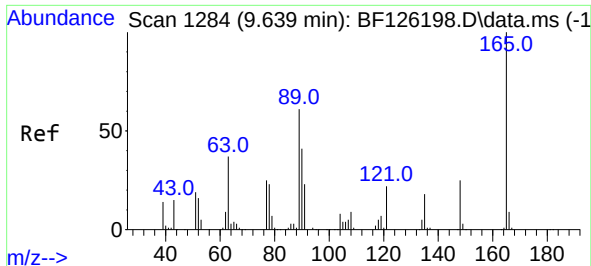
Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

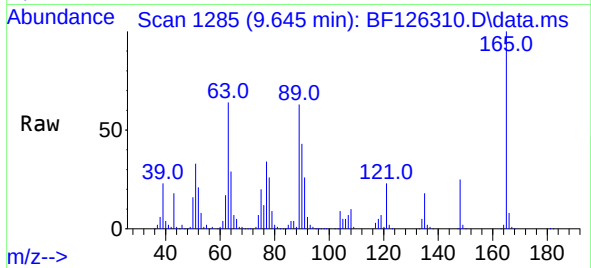
164 10.3 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 49.762 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

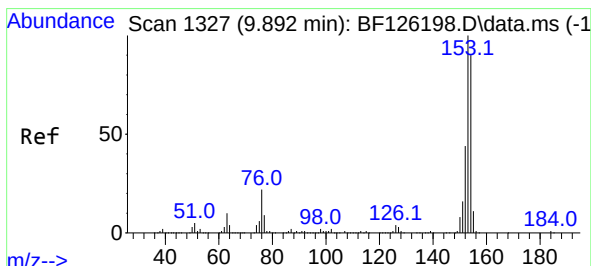
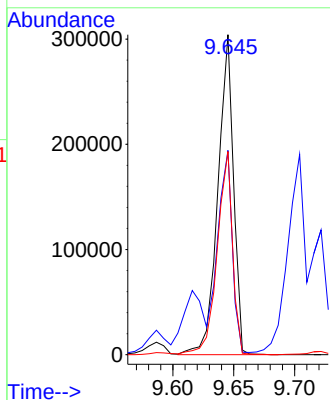
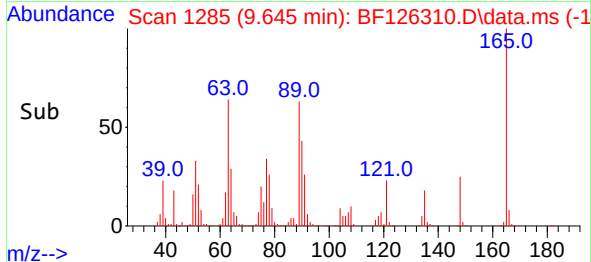
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:165 Resp: 272978
Ion Ratio Lower Upper
165 100
63 63.9 42.6 63.8
89 63.5 40.6 60.8

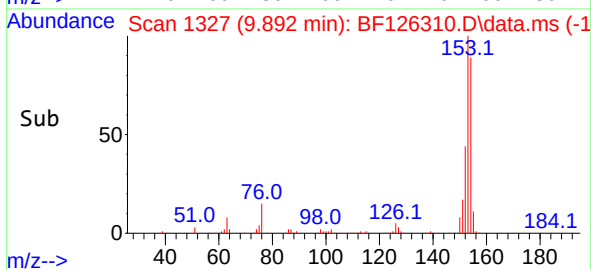
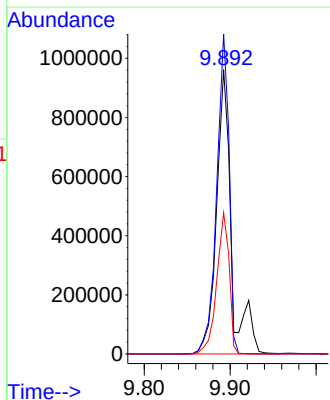
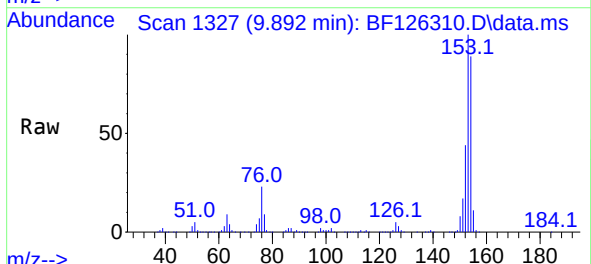
Manual Integrations
APPROVED

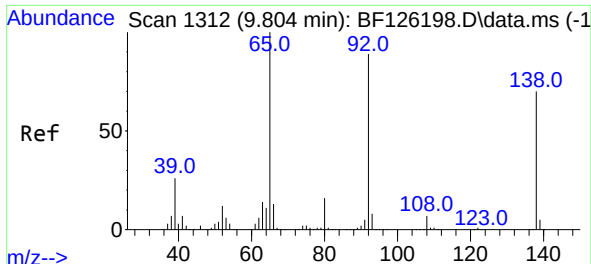
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#52
Acenaphthene
Concen: 52.056 ng m
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

Tgt Ion:154 Resp: 1148196
Ion Ratio Lower Upper
154 100
153 112.5 89.4 134.2
152 49.6 40.5 60.7





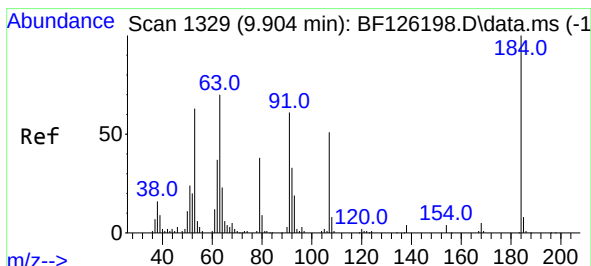
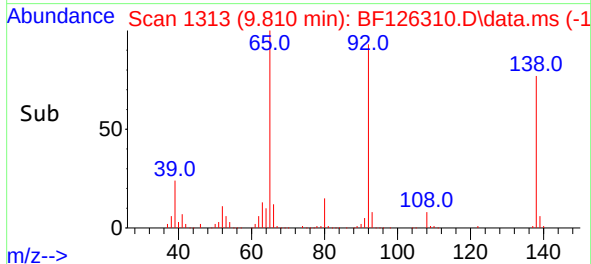
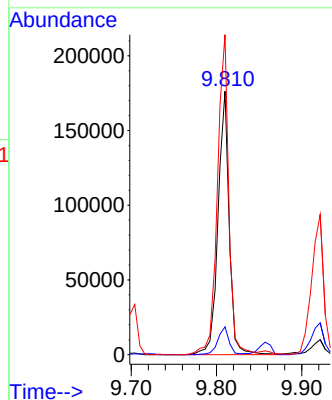
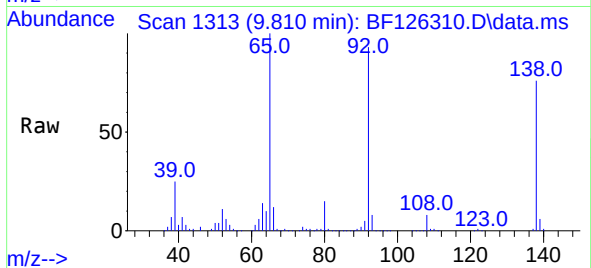
#53
3-Nitroaniline
Concen: 22.993 ng
RT: 9.810 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS

Tgt Ion:138 Resp: 160314
Ion Ratio Lower Upper
138 100
108 10.6 9.3 13.9
92 121.5 76.5 114.7

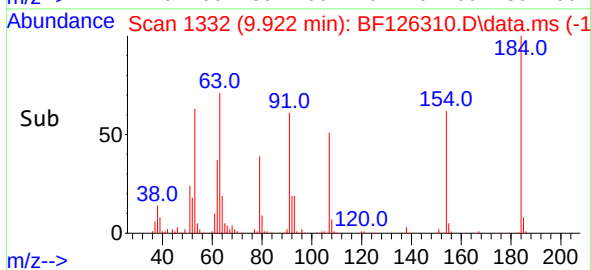
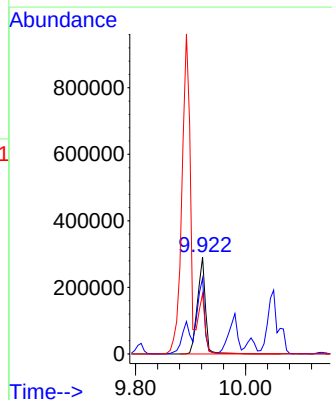
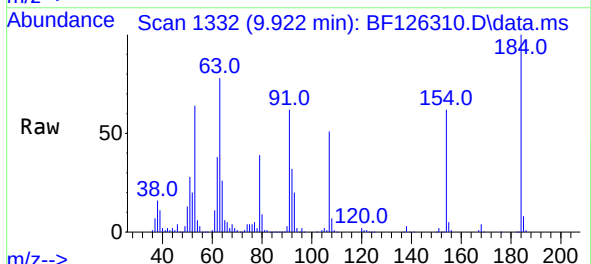
Manual Integrations
APPROVED

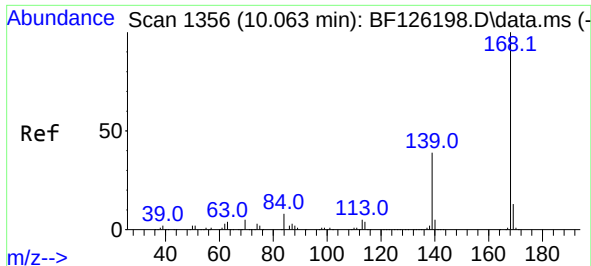
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#54
2,4-Dinitrophenol
Concen: 130.100 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.018 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

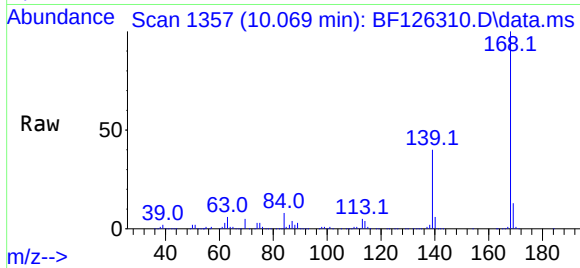
Tgt Ion:184 Resp: 293863
Ion Ratio Lower Upper
184 100
63 78.2 59.3 88.9
154 62.4 68.6 102.8





#55
Dibenzenofuran
Concen: 44.414 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

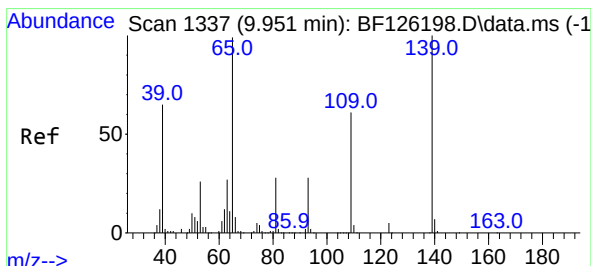
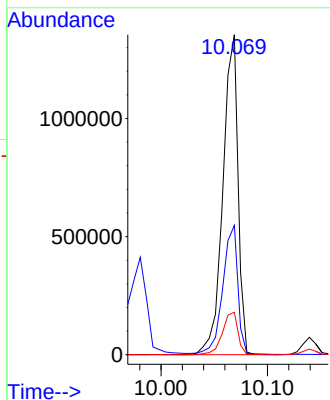
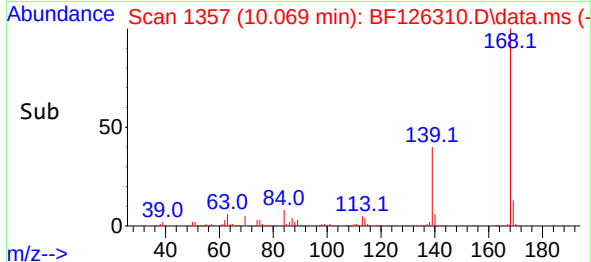
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:168 Resp: 1333752
Ion Ratio Lower Upper
168 100
139 40.4 32.7 49.1
169 13.2 11.2 16.8

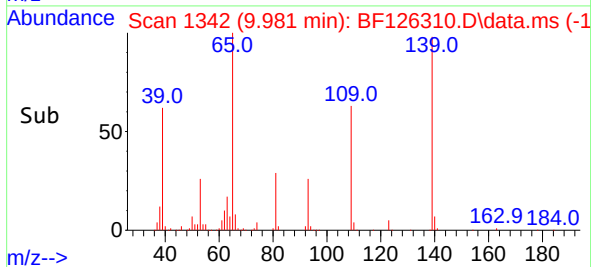
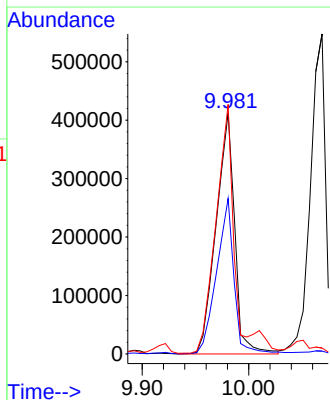
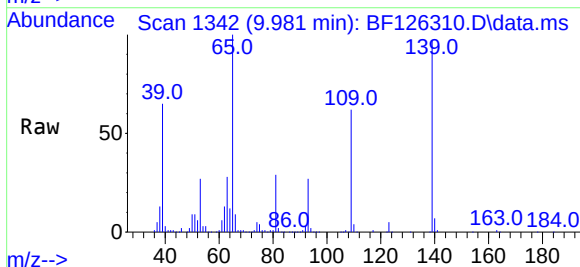
Manual Integrations
APPROVED

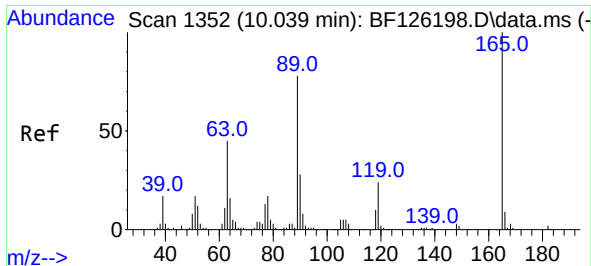
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#56
4-Nitrophenol
Concen: 99.067 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.030 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

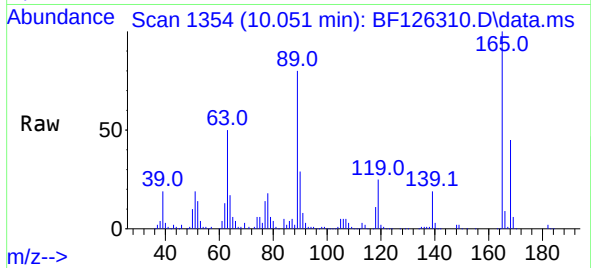
Tgt Ion:139 Resp: 498941
Ion Ratio Lower Upper
139 100
109 64.5 60.4 100.4
65 103.5 58.4 98.4





#57
2,4-Dinitrotoluene
Concen: 50.920 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

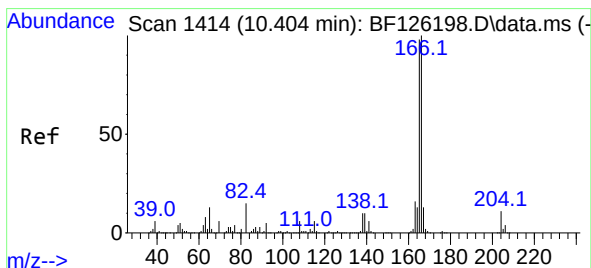
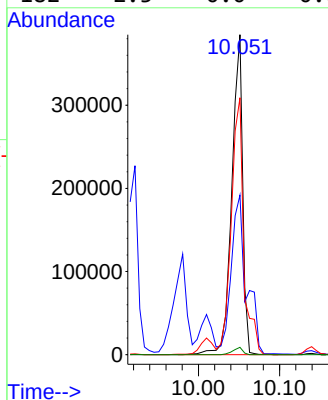
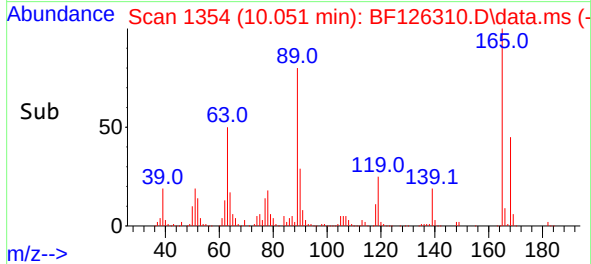
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:165 Resp: 356319
Ion Ratio Lower Upper
165 100
63 49.8 40.9 61.3
89 80.3 59.7 89.5
182 2.3 0.0 0.0#

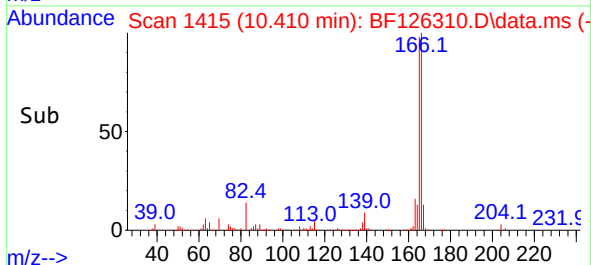
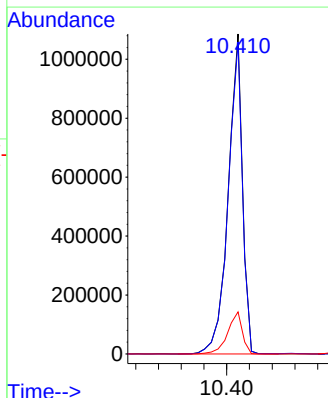
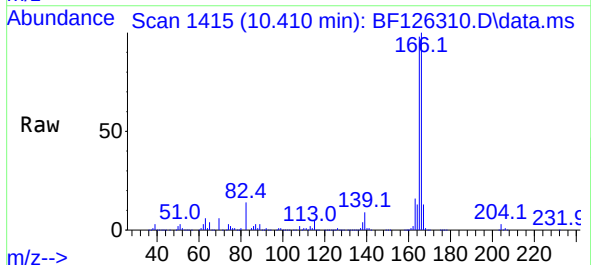
Manual Integrations
APPROVED

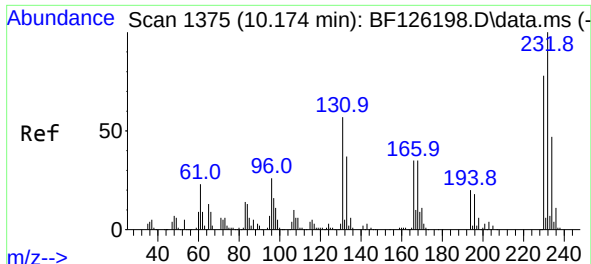
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#58
Fluorene
Concen: 43.518 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

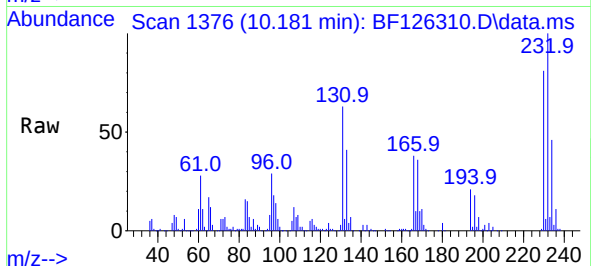
Tgt Ion:166 Resp: 946091
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.2 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.356 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

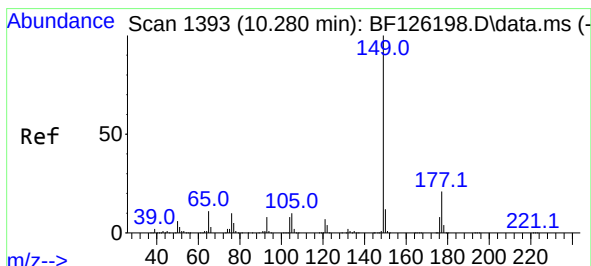
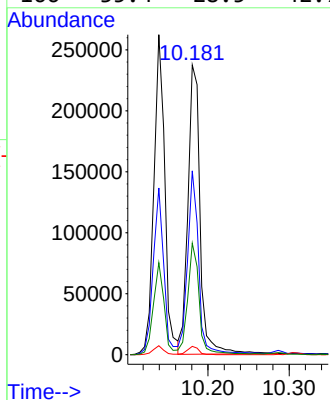
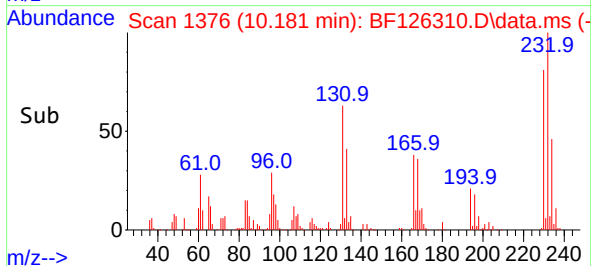
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



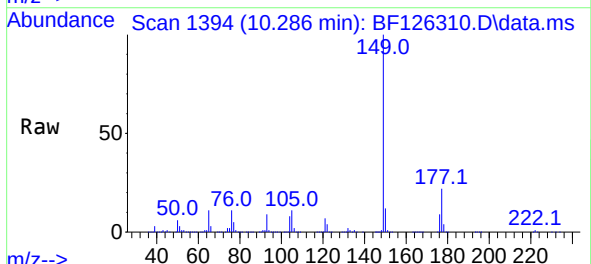
Tgt Ion:232 Resp: 247000
Ion Ratio Lower Upper
232 100
131 57.0 45.4 68.0
130 2.7 0.0 0.0
166 35.4 28.5 42.7

Manual Integrations
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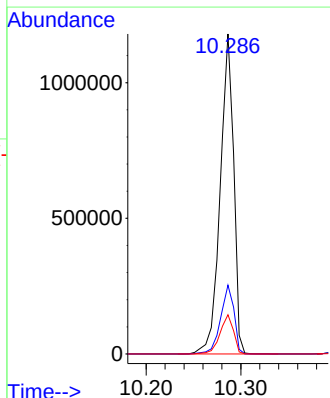
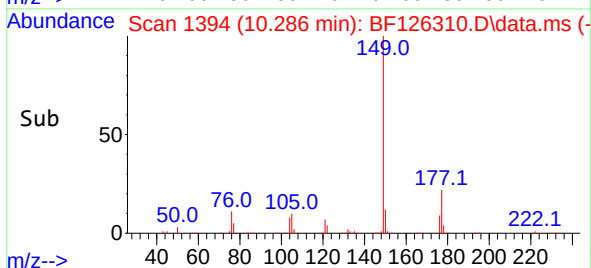
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

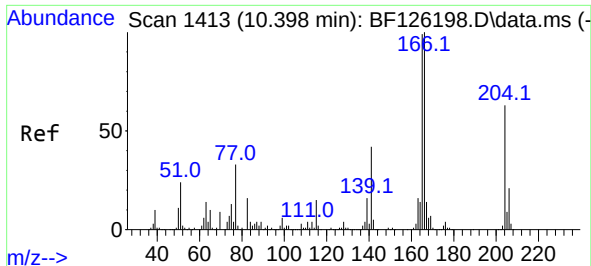


#60
Diethylphthalate
Concen: 45.819 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



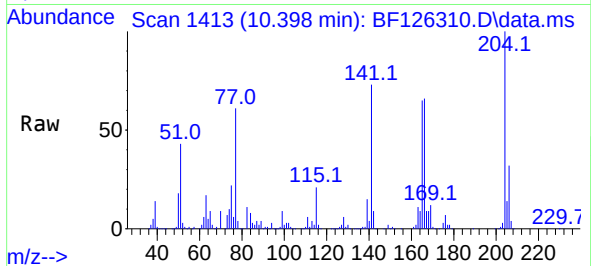
Tgt Ion:149 Resp: 1166993
Ion Ratio Lower Upper
149 100
177 21.5 16.5 24.7
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.120 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

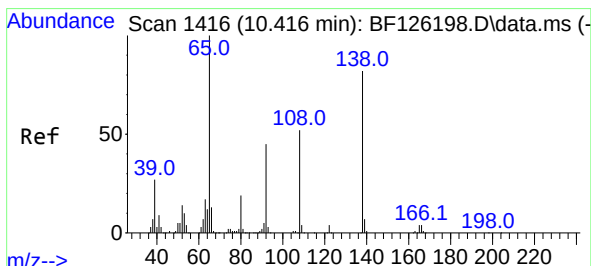
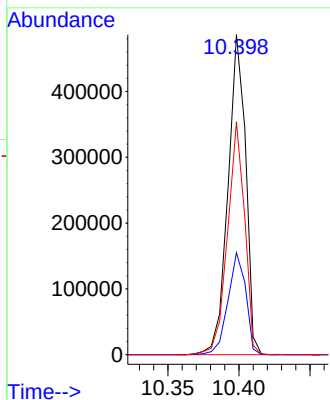
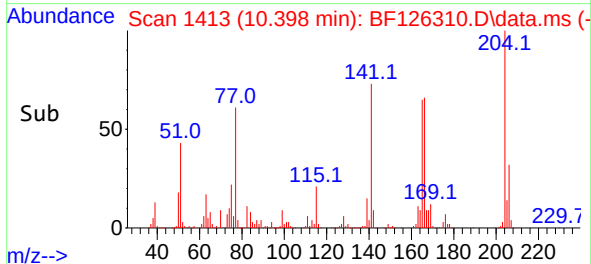
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



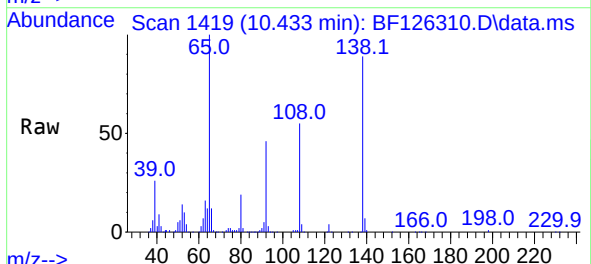
Tgt Ion:204 Resp: 422080
Ion Ratio Lower Upper
204 100
206 31.9 27.6 41.4
141 72.8 58.6 88.0

Manual Integrations
APPROVED

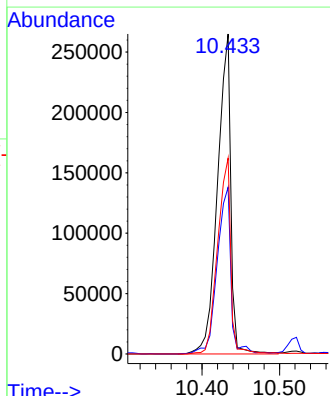
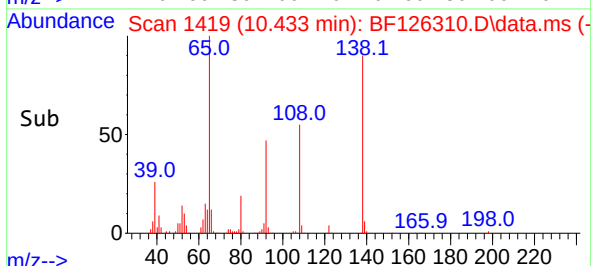
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

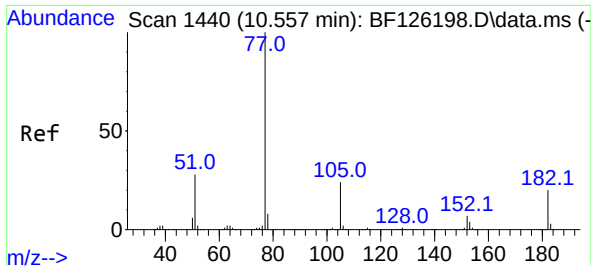


#62
4-Nitroaniline
Concen: 53.966 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.018 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



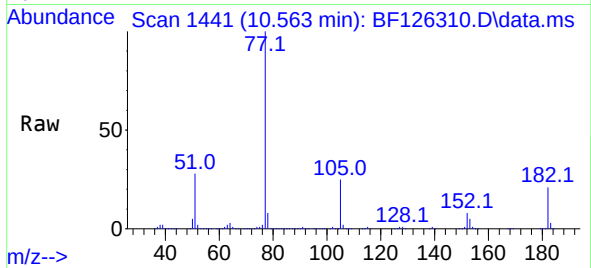
Tgt Ion:138 Resp: 315645
Ion Ratio Lower Upper
138 100
92 52.1 29.6 69.6
108 61.2 78.1 118.1#





#63
Azobenzene
Concen: 44.985 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

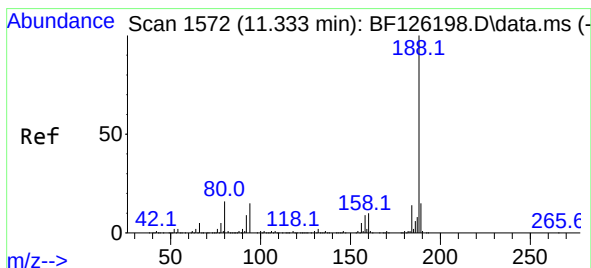
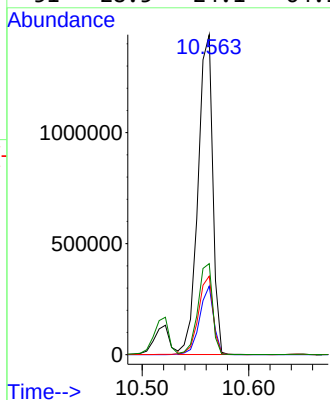
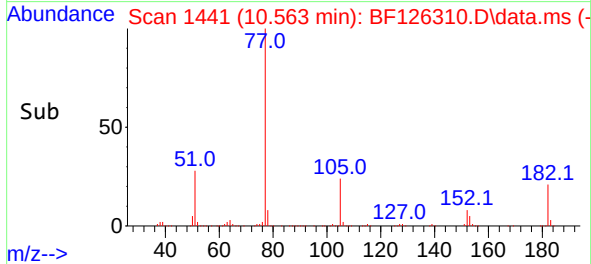
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



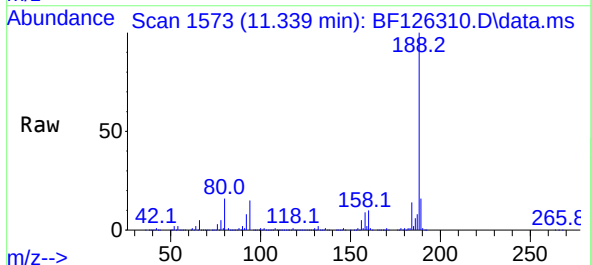
Tgt Ion: 77 Resp: 1387790
Ion Ratio Lower Upper
77 100
182 21.5 6.3 46.3
105 24.6 2.9 42.9
51 28.5 24.1 64.1

Manual Integrations
APPROVED

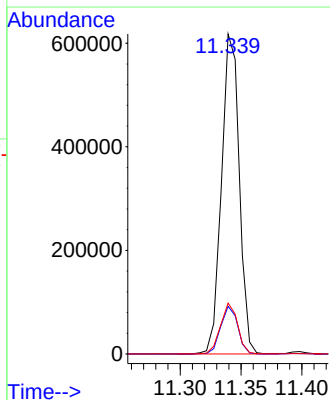
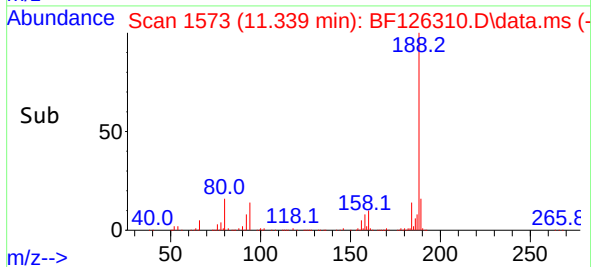
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

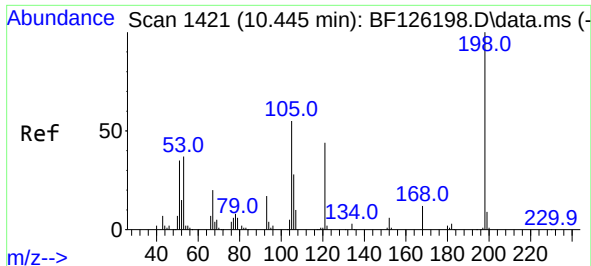


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



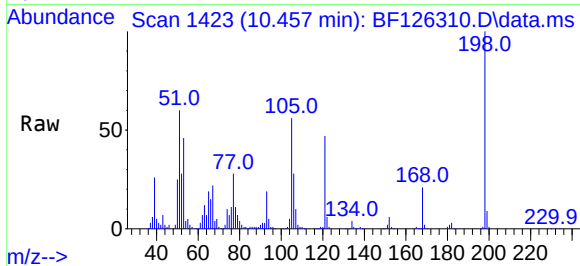
Tgt Ion:188 Resp: 628398
Ion Ratio Lower Upper
188 100
94 14.9 6.7 10.1#
80 15.9 7.5 11.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 51.958 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

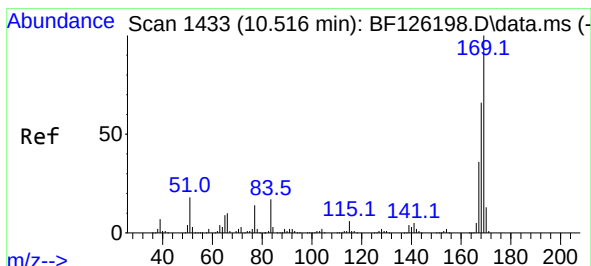
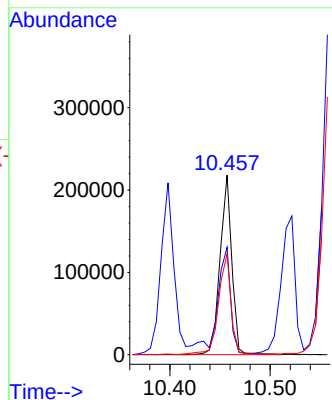
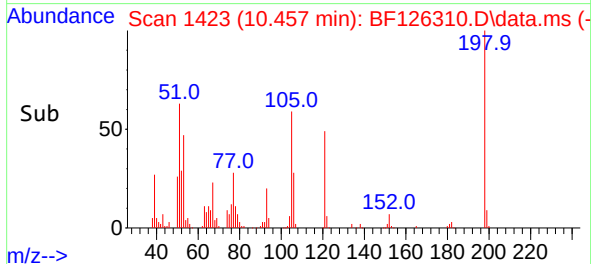
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:198 Resp: 17829
Ion Ratio Lower Upper
198 100
51 59.8 45.3 85.3
105 56.1 30.6 70.6

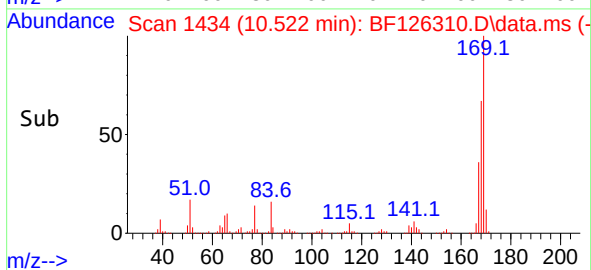
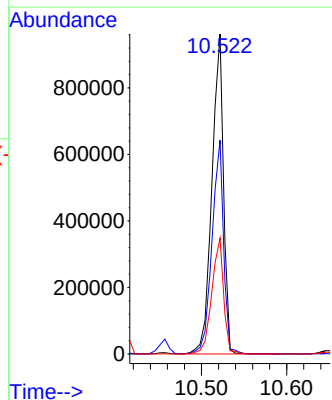
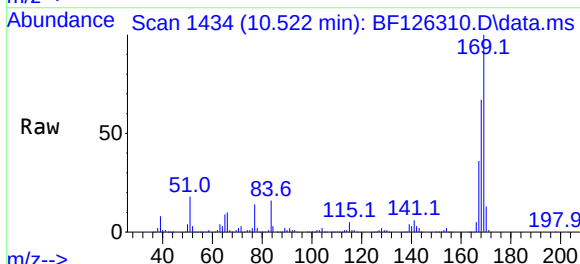
Manual Integrations
APPROVED

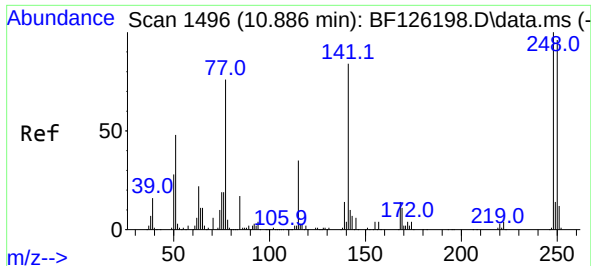
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#66
n-Nitrosodiphenylamine
Concen: 45.122 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

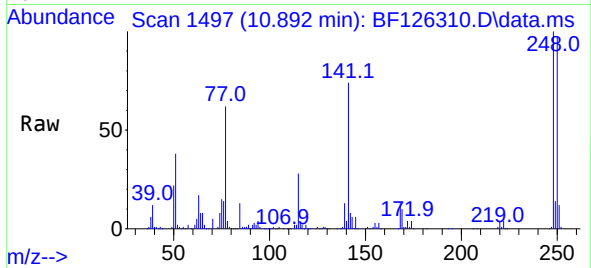
Tgt Ion:169 Resp: 909991
Ion Ratio Lower Upper
169 100
168 66.8 50.8 76.2
167 36.2 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 46.895 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

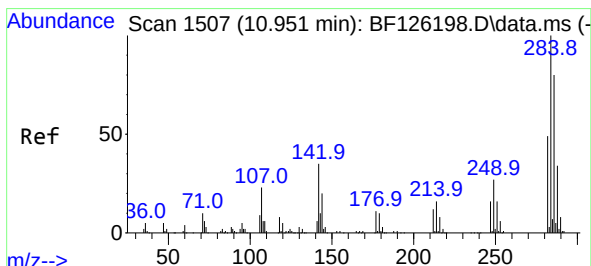
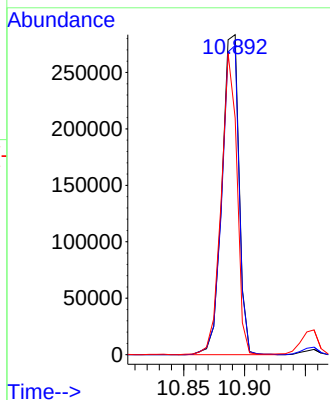
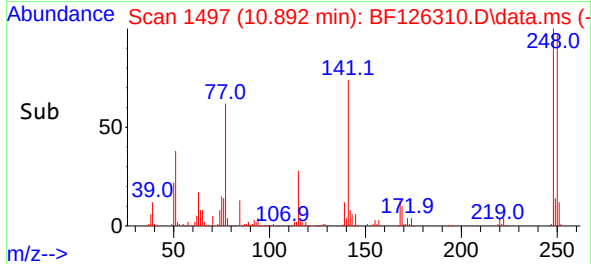
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



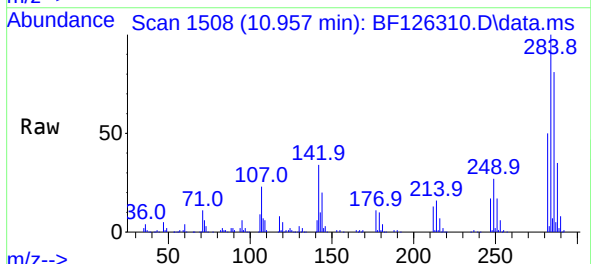
Tgt Ion:248 Resp: 276568
Ion Ratio Lower Upper
248 100
250 96.6 74.2 111.4
141 73.9 60.4 90.6

Manual Integrations
APPROVED

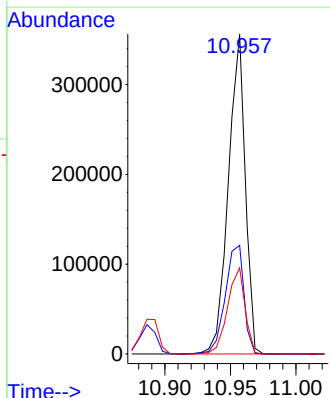
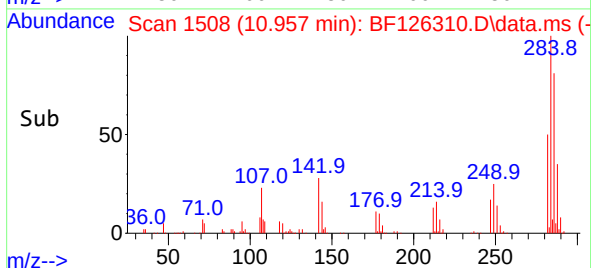
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

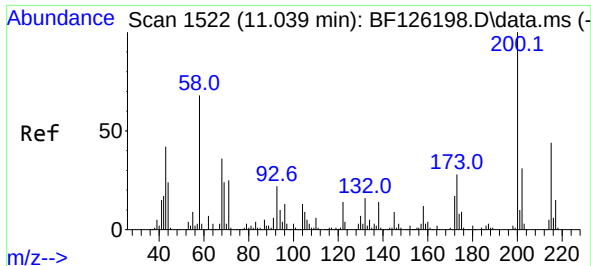


#68
Hexachlorobenzene
Concen: 47.187 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



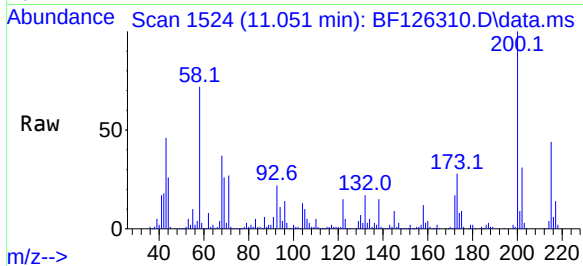
Tgt Ion:284 Resp: 320066
Ion Ratio Lower Upper
284 100
142 34.0 36.4 54.6#
249 26.9 25.6 38.4





#69
Atrazine
Concen: 75.300 ng
RT: 11.051 min Scan# 11041
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

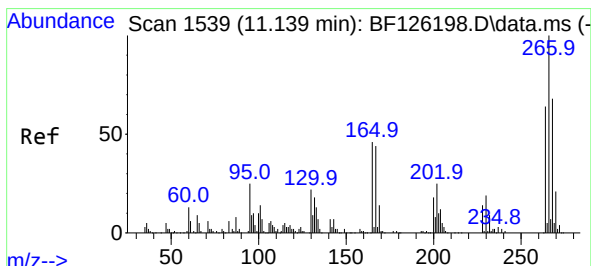
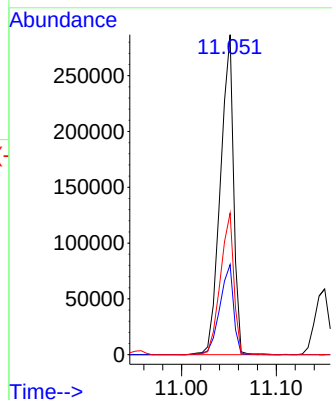
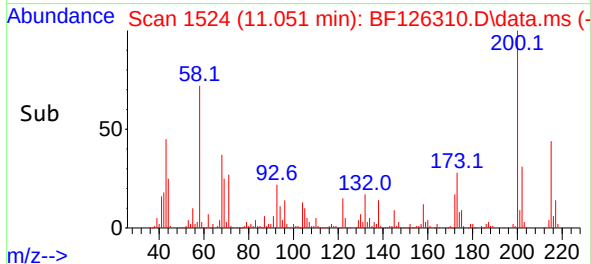
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



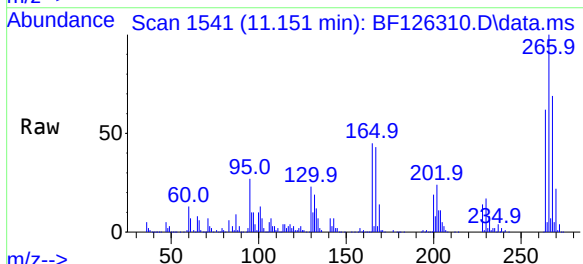
Tgt Ion:200 Resp: 278297
Ion Ratio Lower Upper
200 100
173 28.1 11.1 51.1
215 44.3 22.7 62.7

Manual Integrations
APPROVED

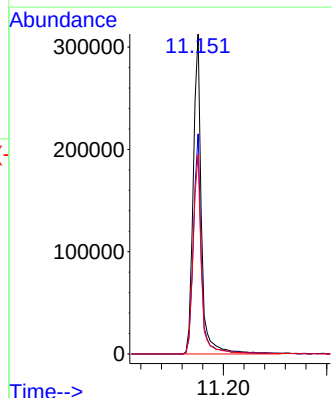
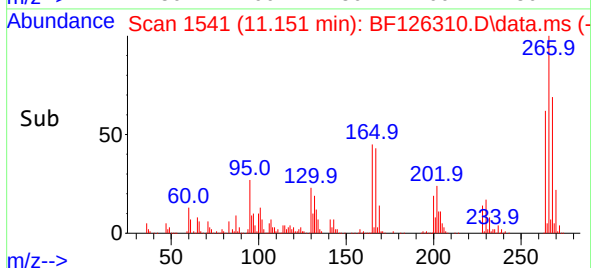
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

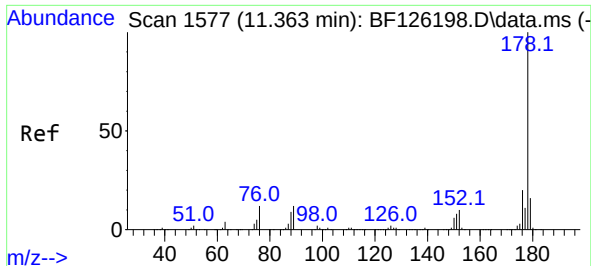


#70
Pentachlorophenol
Concen: 91.519 ng
RT: 11.151 min Scan# 1541
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



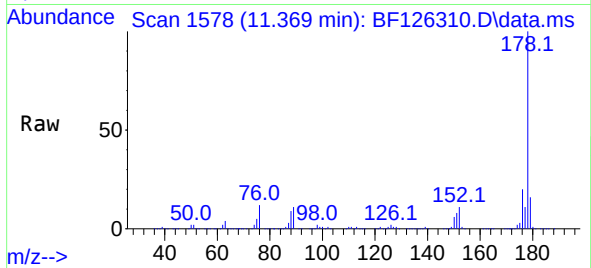
Tgt Ion:266 Resp: 344387
Ion Ratio Lower Upper
266 100
268 68.8 48.9 73.3
264 62.4 55.9 83.9





#71
Phenanthrene
Concen: 45.266 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

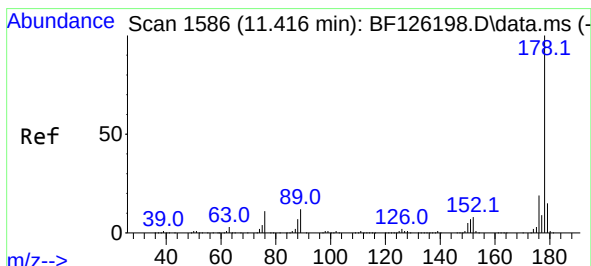
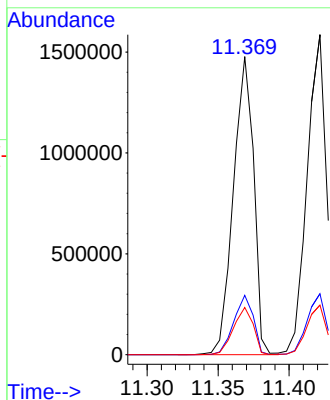
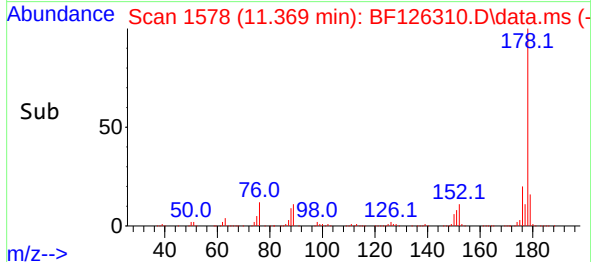
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



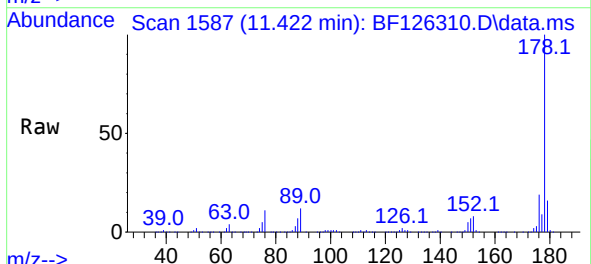
Tgt Ion:178 Resp: 1468120
Ion Ratio Lower Upper
178 100
176 19.9 14.7 22.1
179 15.9 11.5 17.3

Manual Integrations
APPROVED

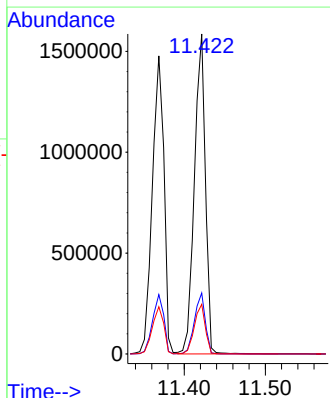
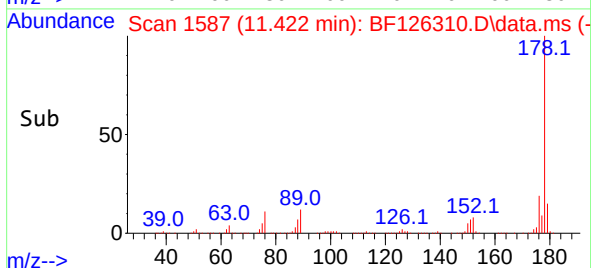
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

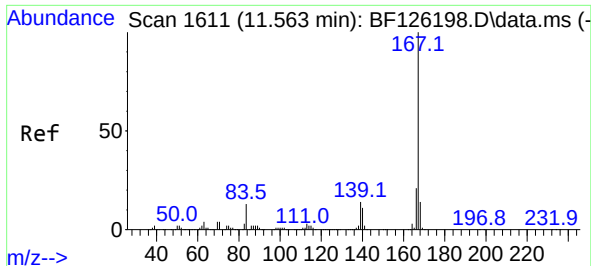


#72
Anthracene
Concen: 46.091 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



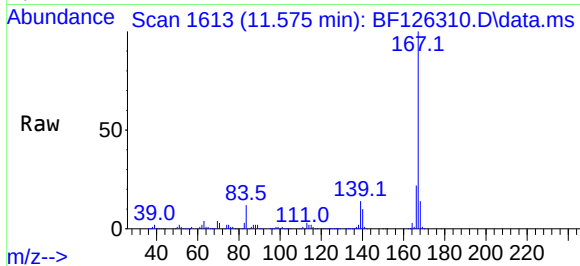
Tgt Ion:178 Resp: 1500431
Ion Ratio Lower Upper
178 100
176 19.0 14.3 21.5
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 44.778 ng
 RT: 11.575 min Scan# 1613
 Delta R.T. 0.012 min
 Lab File: BF126310.D
 Acq: 21 Dec 2021 22:20

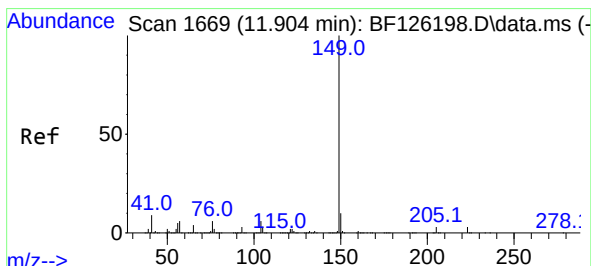
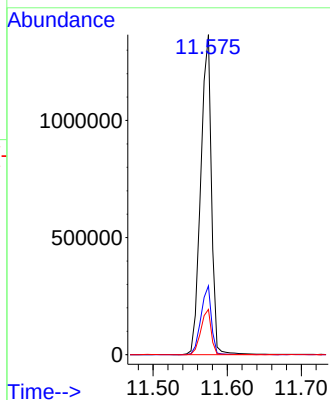
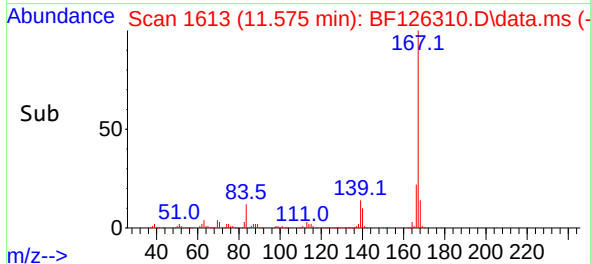
Instrument : BNA_F
 ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



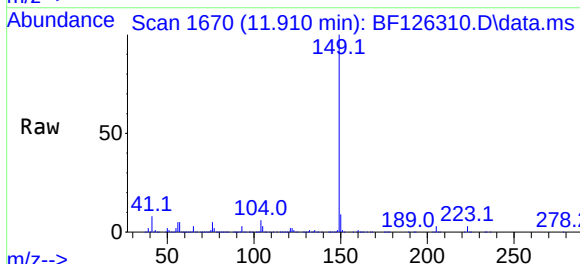
Tgt Ion:167 Resp: 1372772
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 14.2 11.0 16.4

Manual Integrations
 APPROVED

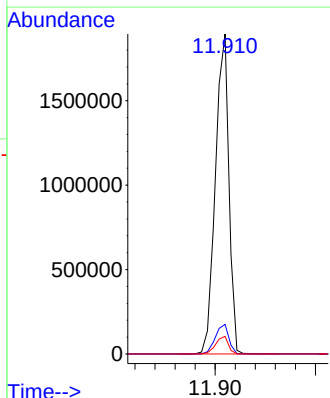
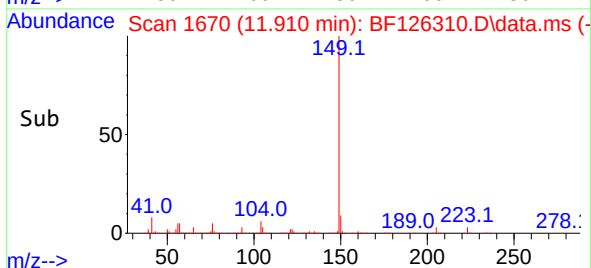
Reviewed By :Jagrut Upadhyay 12/22/2021
 Supervised By :mohammad ahmed 12/27/2021

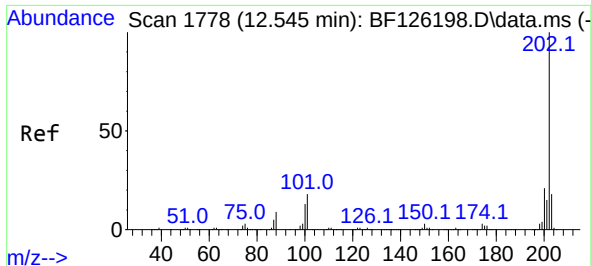


#74
 Di-n-butylphthalate
 Concen: 45.475 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. 0.006 min
 Lab File: BF126310.D
 Acq: 21 Dec 2021 22:20



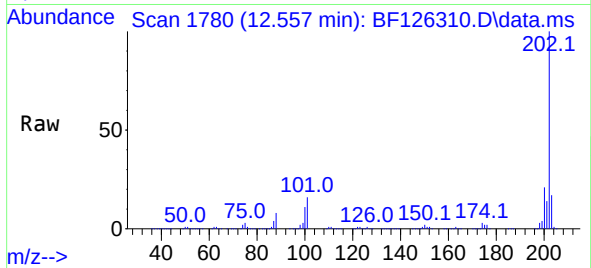
Tgt Ion:149 Resp: 1767350
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 46.885 ng
RT: 12.557 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

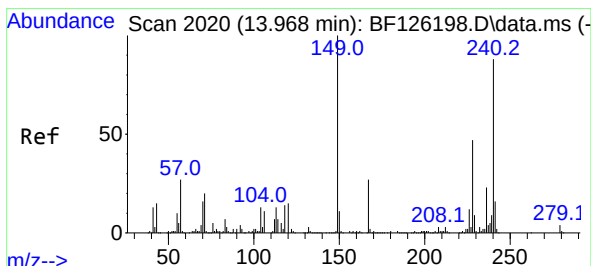
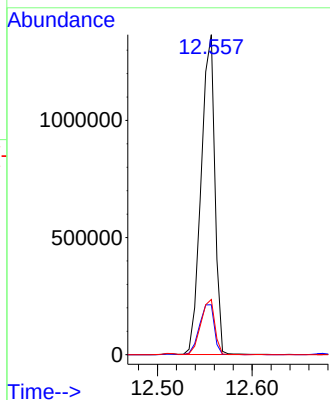
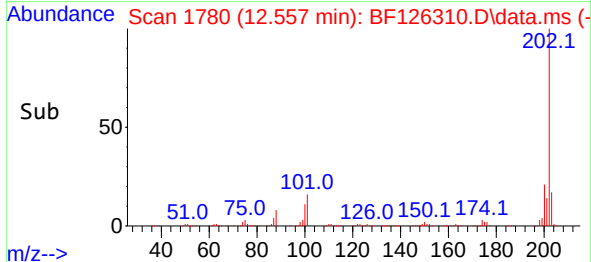
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:202 Resp: 1370073
Ion Ratio Lower Upper
202 100
101 15.6 0.0 30.7
203 17.2 0.0 36.3

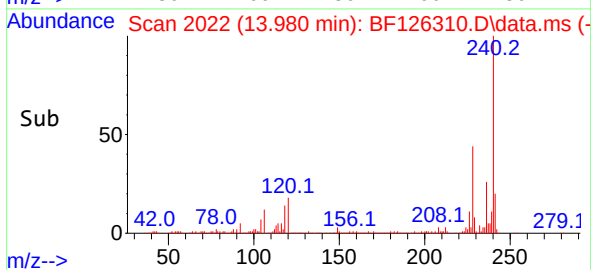
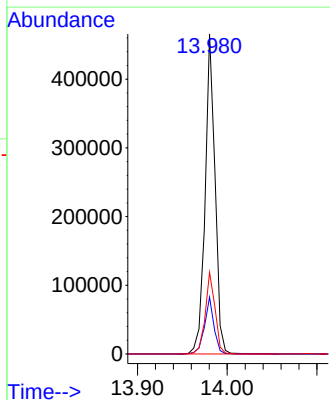
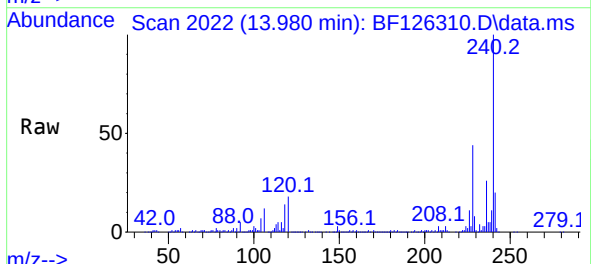
Manual Integrations
APPROVED

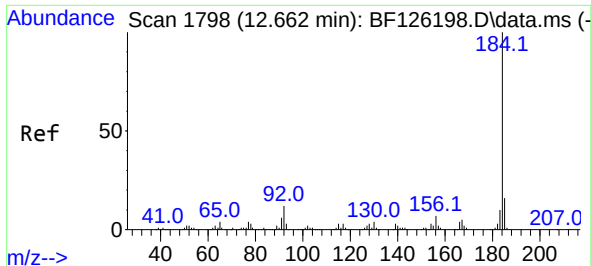
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

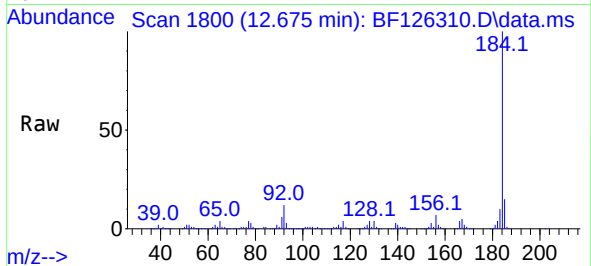
Tgt Ion:240 Resp: 357123
Ion Ratio Lower Upper
240 100
120 17.7 10.8 16.2#
236 25.5 21.6 32.4





#77
Benzidine
Concen: 118.704 ng
RT: 12.675 min Scan# 1819
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

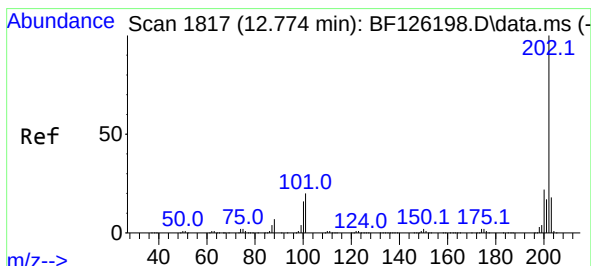
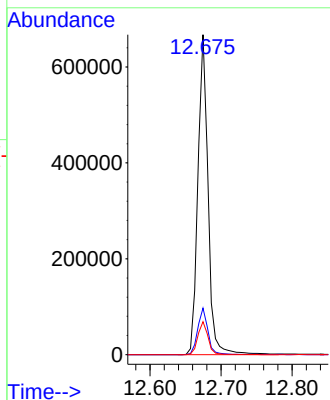
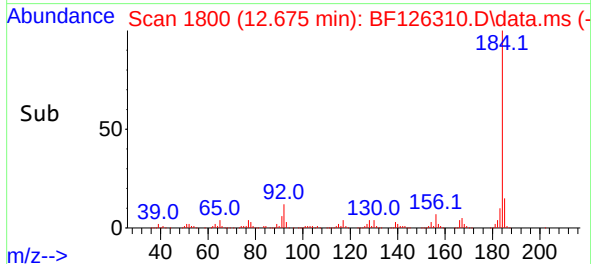
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:184 Resp: 66832
Ion Ratio Lower Upper
184 100
185 14.6 10.8 16.2
183 10.3 8.1 12.1

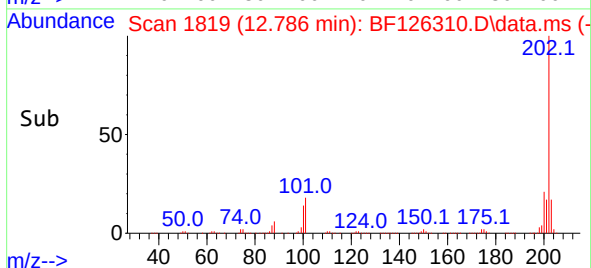
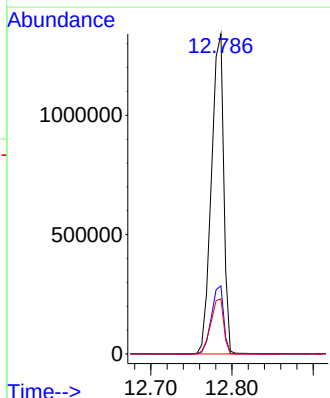
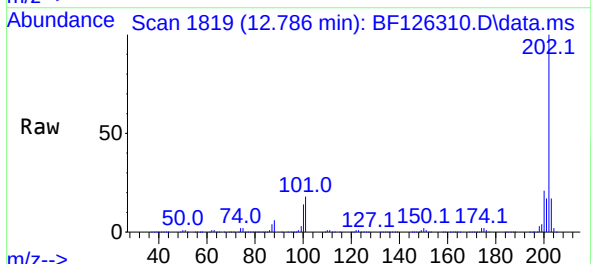
Manual Integrations
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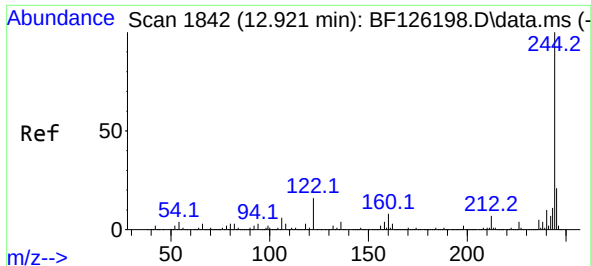
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#78
Pyrene
Concen: 42.879 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

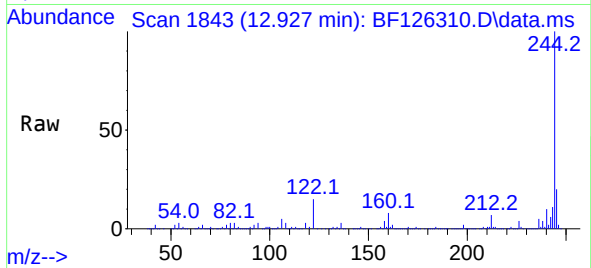
Tgt Ion:202 Resp: 1406857
Ion Ratio Lower Upper
202 100
200 21.2 15.3 22.9
203 17.2 13.4 20.0





#79
Terphenyl-d14
Concen: 62.864 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

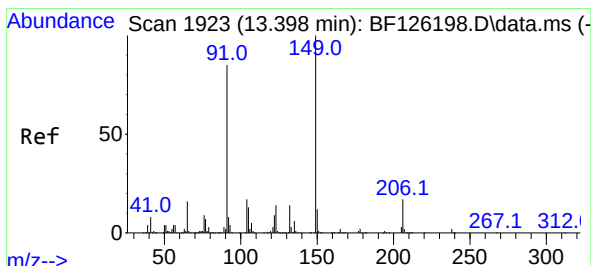
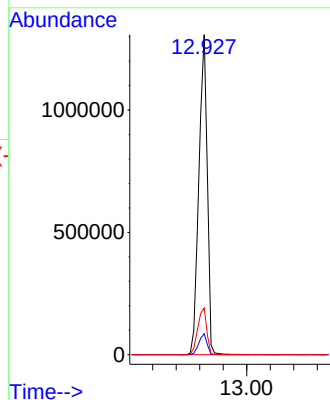
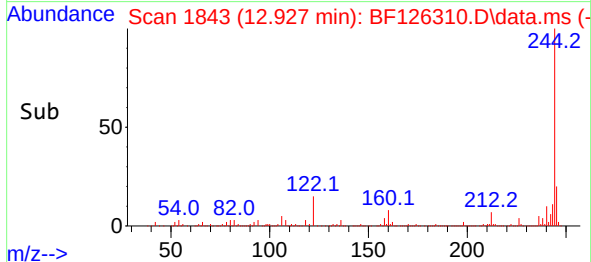
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



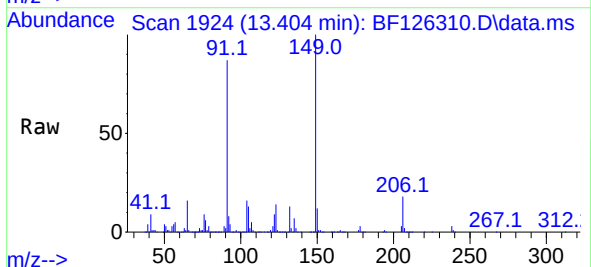
Tgt Ion:244 Resp: 1291638
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 14.6 9.0 13.4

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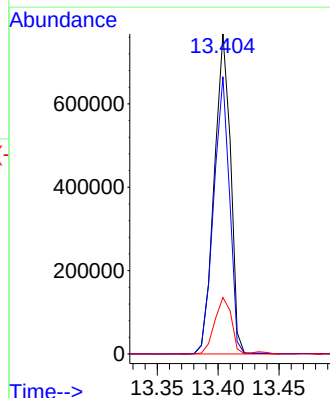
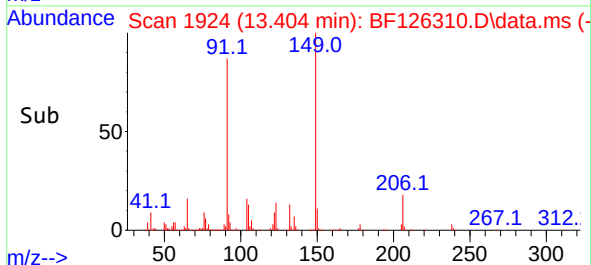
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

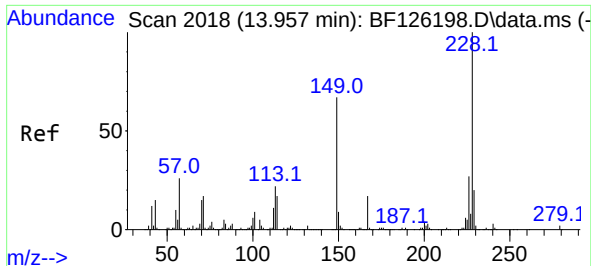


#80
Butylbenzylphthalate
Concen: 46.233 ng
RT: 13.404 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



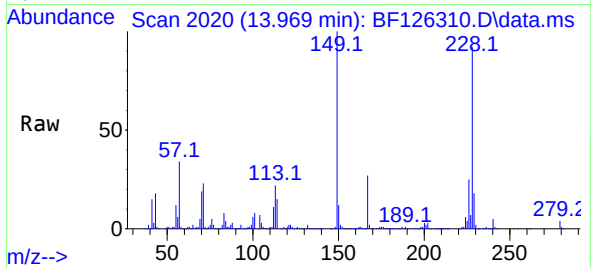
Tgt Ion:149 Resp: 713808
Ion Ratio Lower Upper
149 100
91 86.6 51.8 77.8#
206 17.6 14.5 21.7





#81
Benzo(a)anthracene
Concen: 42.750 ng
RT: 13.969 min Scan# 2014
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

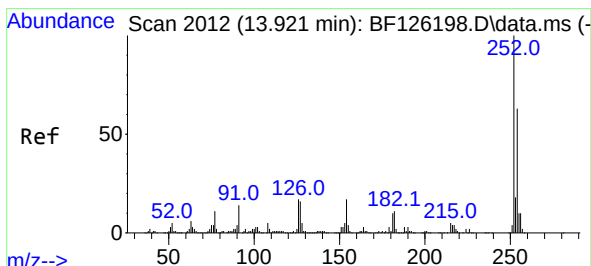
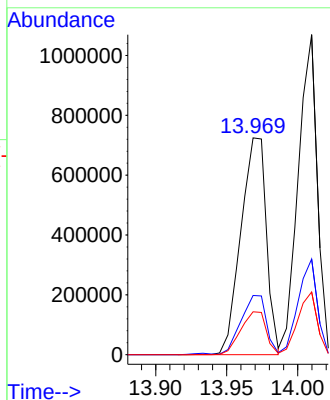
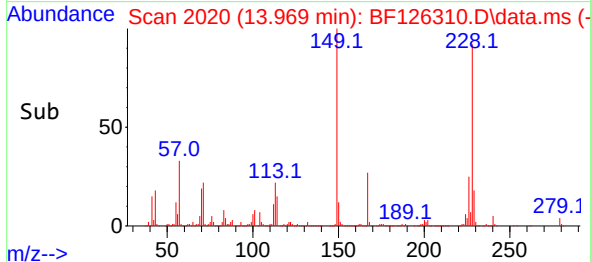
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



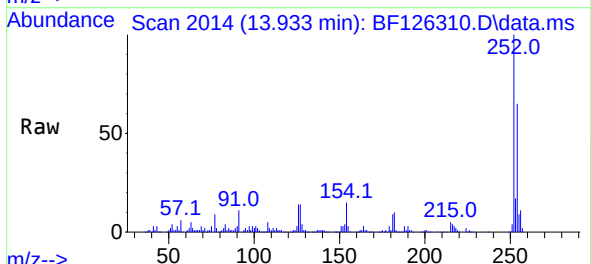
Tgt Ion:228 Resp: 90433
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.7 15.6 23.4

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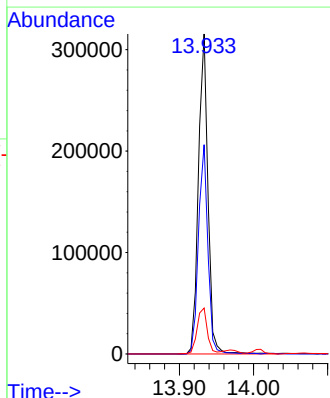
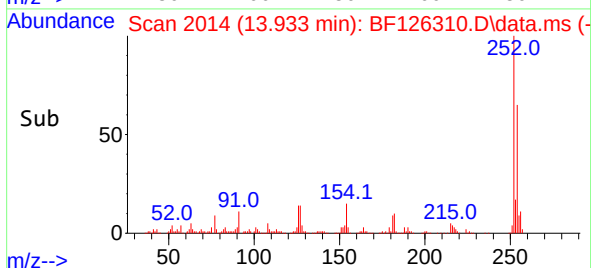
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

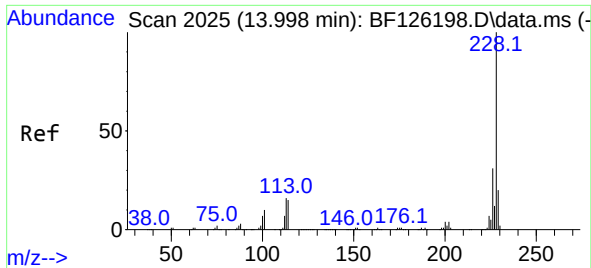


#82
3,3'-Dichlorobenzidine
Concen: 29.019 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



Tgt Ion:252 Resp: 280446
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.0
126 14.3 9.5 14.3#





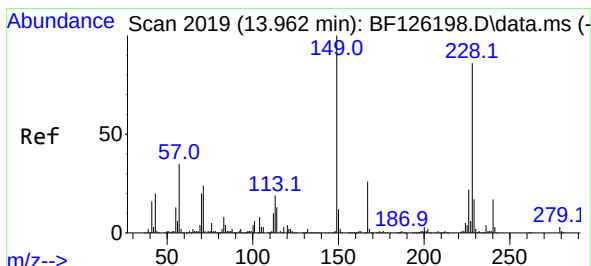
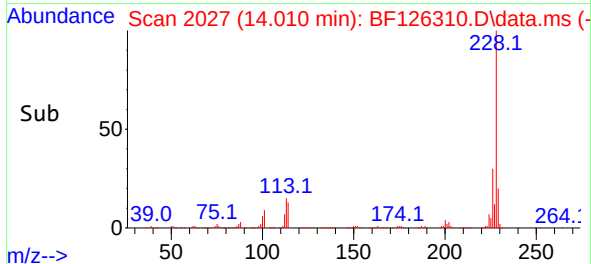
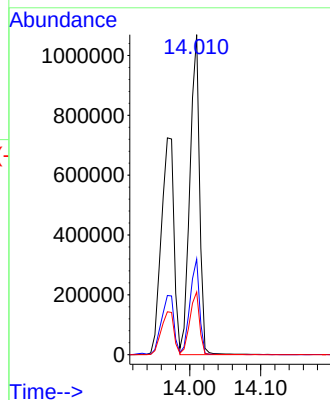
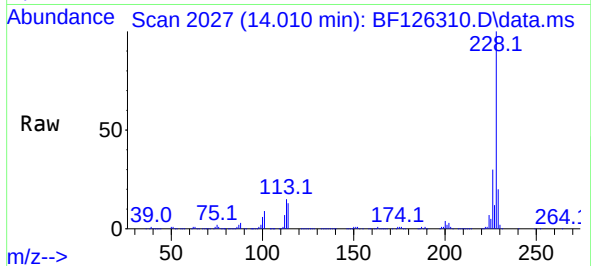
#83
Chrysene
Concen: 45.676 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.012 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS

Tgt Ion:228 Resp: 1003910
Ion Ratio Lower Upper
228 100
226 29.9 22.6 34.0
229 19.6 15.9 23.9

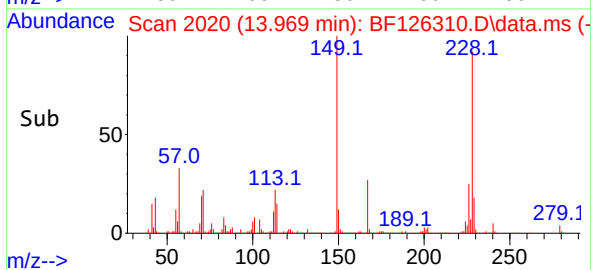
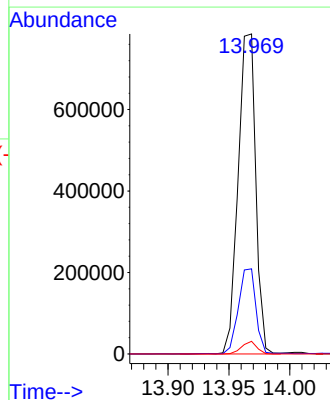
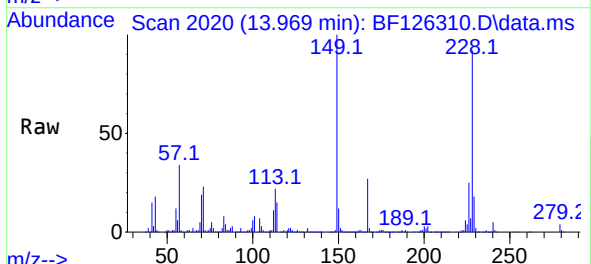
Manual Integrations
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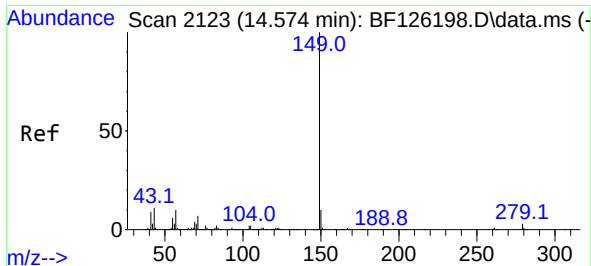
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.835 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

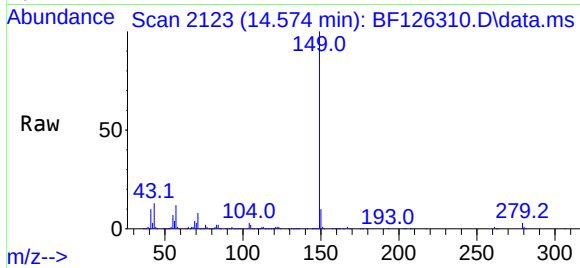
Tgt Ion:149 Resp: 790792
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.0
279 3.9 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 50.234 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

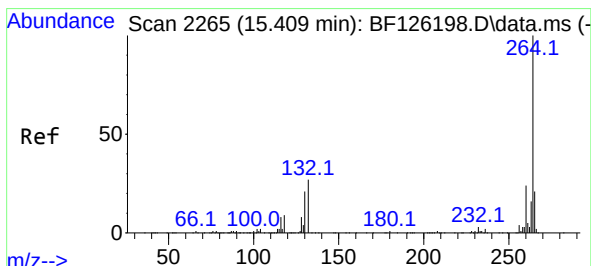
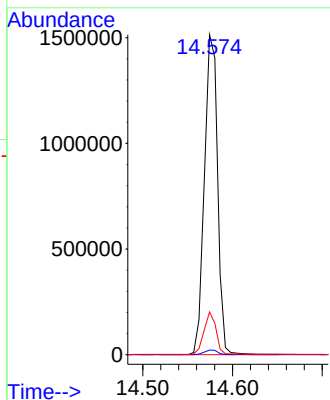
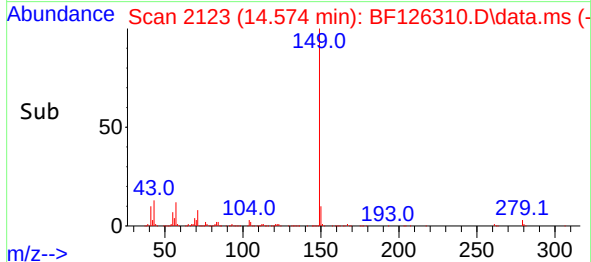
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



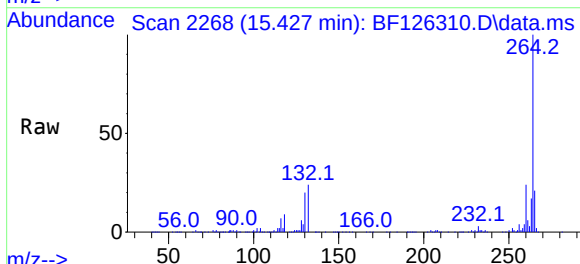
Tgt Ion:149 Resp: 1545008
Ion Ratio Lower Upper
149 100
167 1.5 1.0 1.6
43 12.1 9.9 14.9

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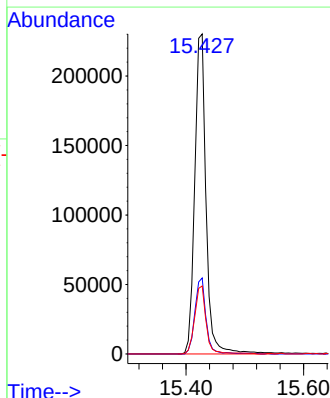
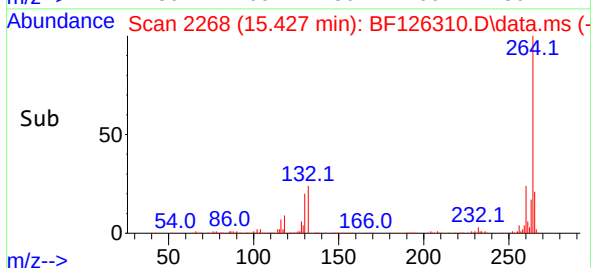
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

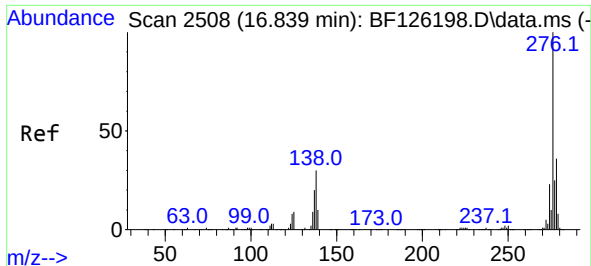


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.018 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



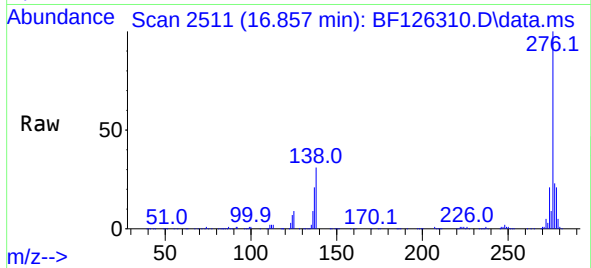
Tgt Ion:264 Resp: 308254
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.3 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.819 ng
RT: 16.857 min Scan# 2197
Delta R.T. 0.018 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

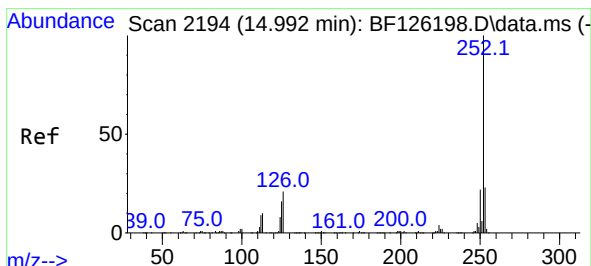
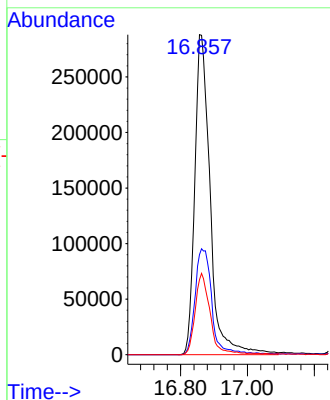
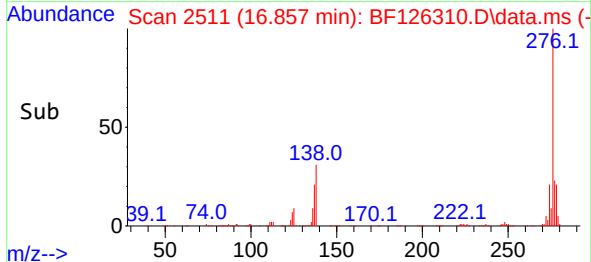
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:276 Resp: 921514
Ion Ratio Lower Upper
276 100
138 35.9 24.1 36.1
277 24.5 18.8 28.2

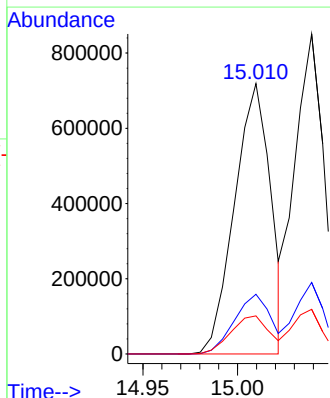
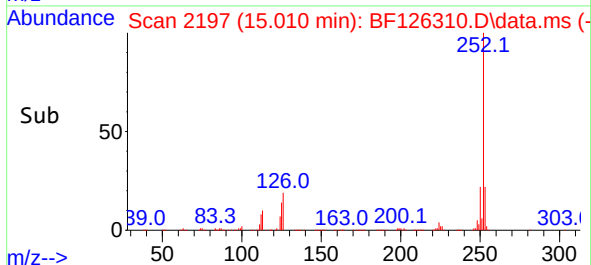
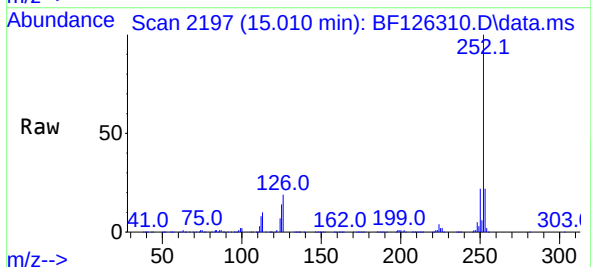
Manual Integrations
APPROVED

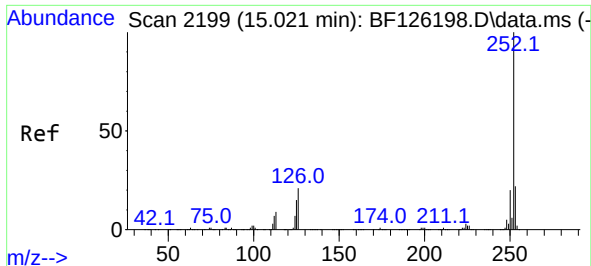
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#88
Benzo(b)fluoranthene
Concen: 51.601 ng
RT: 15.010 min Scan# 2197
Delta R.T. 0.018 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

Tgt Ion:252 Resp: 955725
Ion Ratio Lower Upper
252 100
253 22.0 16.8 25.2
125 14.1 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 51.963 ng

RT: 15.039 min Scan# 2199

Delta R.T. 0.018 min

Lab File: BF126310.D

Acq: 21 Dec 2021 22:20

Instrument :

BNA_F

ClientSampleId :

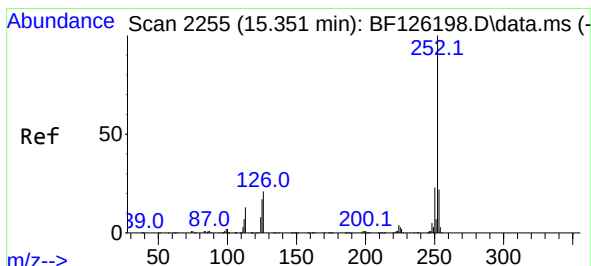
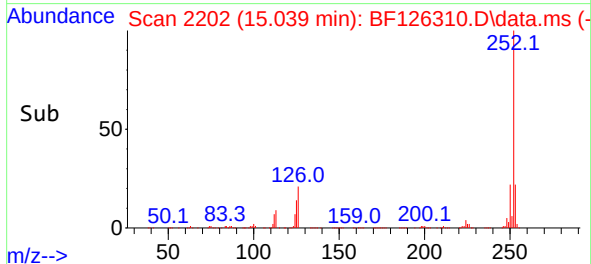
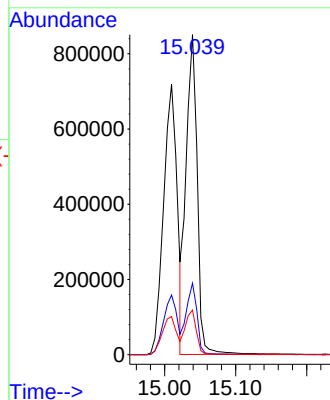
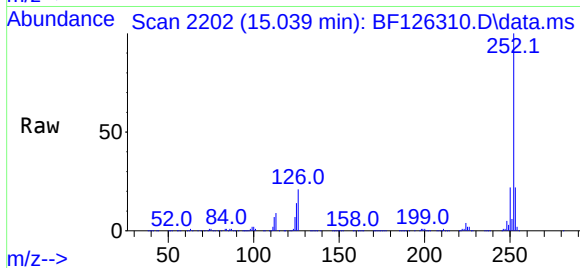
POST-EXCAVATION-BOTTOM-EASTMS

Tgt Ion:252 Resp: 920690
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.8
 125 14.0 7.2 10.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/22/2021
 Supervised By :mohammad ahmed 12/27/2021



#90

Benzo(a)pyrene

Concen: 57.628 ng

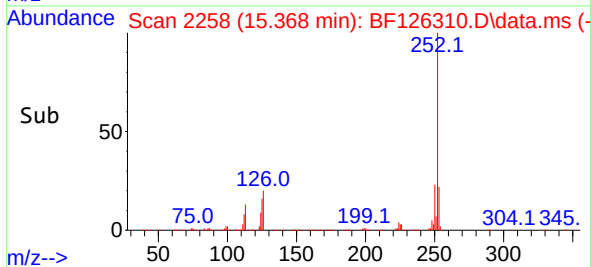
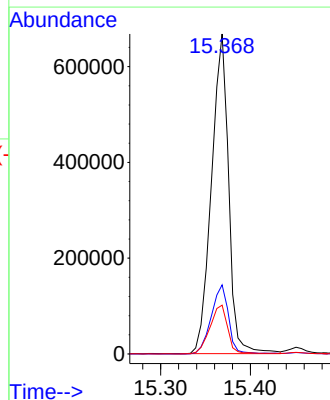
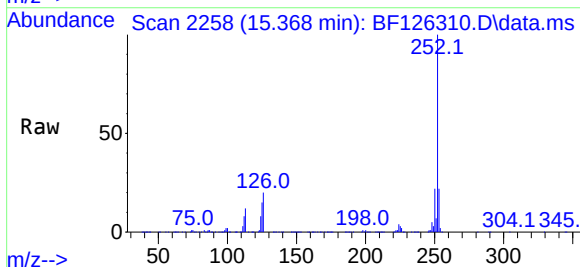
RT: 15.368 min Scan# 2258

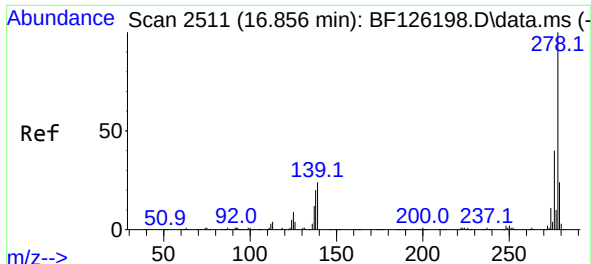
Delta R.T. 0.018 min

Lab File: BF126310.D

Acq: 21 Dec 2021 22:20

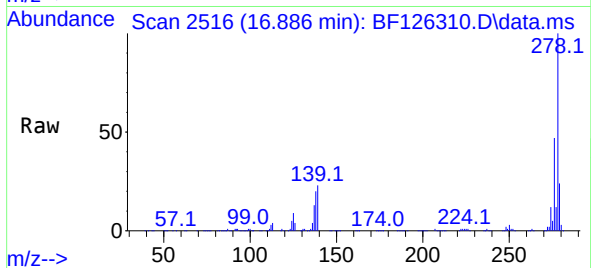
Tgt Ion:252 Resp: 887112
 Ion Ratio Lower Upper
 252 100
 253 21.6 18.4 27.6
 125 15.3 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 46.337 ng
RT: 16.886 min Scan# 2516
Delta R.T. 0.030 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20

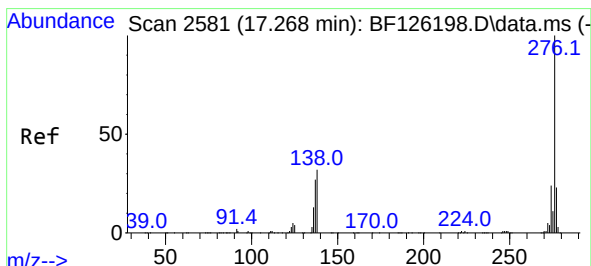
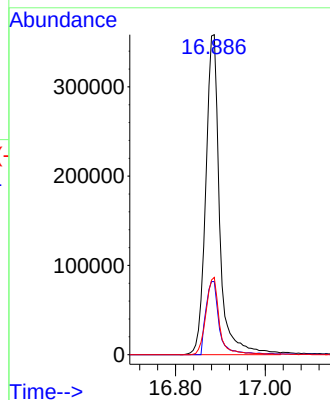
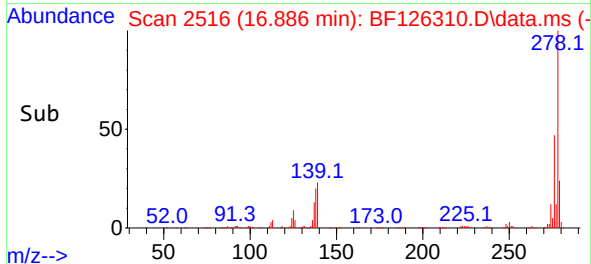
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



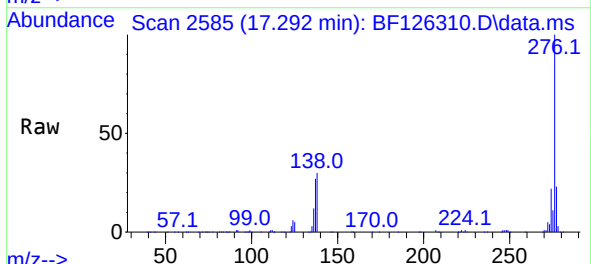
Tgt Ion:278 Resp: 77448
Ion Ratio Lower Upper
278 100
139 22.9 14.9 22.3
279 24.2 19.7 29.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#92
Benzo(g,h,i)perylene
Concen: 44.686 ng
RT: 17.292 min Scan# 2585
Delta R.T. 0.024 min
Lab File: BF126310.D
Acq: 21 Dec 2021 22:20



Tgt Ion:276 Resp: 772767
Ion Ratio Lower Upper
276 100
277 23.1 22.0 33.0
138 30.4 22.2 33.4

