

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126311.D
 Acq On : 21 Dec 2021 22:51
 Operator : JU/CG
 Sample : M5179-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 22 05:23:25 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	178263	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	785543	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	383451	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	603255	20.000	ng	# 0.01
76) Chrysene-d12	13.980	240	347217	20.000	ng	# 0.01
86) Perylene-d12	15.421	264	292469	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1256561	103.806	ng	0.02
7) Phenol-d6	6.451	99	1670068	108.656	ng	0.00
23) Nitrobenzene-d5	7.381	82	1090290	75.170	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	337237	109.436	ng	0.01
45) 2-Fluorobiphenyl	9.181	172	1473468	67.395	ng	0.00
79) Terphenyl-d14	12.927	244	1251850	62.666	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	273096	46.218	ng	# 100
3) Pyridine	3.387	79	615346	39.215	ng	# 79
4) n-Nitrosodimethylamine	3.346	42	305814	50.709	ng	# 1
6) Aniline	6.481	93	658610	33.734	ng	97
8) 2-Chlorophenol	6.604	128	657227	53.540	ng	89
9) Benzaldehyde	6.363	77	467722	50.428	ng	95
10) Phenol	6.463	94	858155	49.739	ng	96
11) bis(2-Chloroethyl)ether	6.557	93	682048	50.929	ng	98
12) 1,3-Dichlorobenzene	6.757	146	594952	48.047	ng	96
13) 1,4-Dichlorobenzene	6.834	146	606900	48.535	ng	94
14) 1,2-Dichlorobenzene	6.987	146	588138	50.869	ng	96
15) Benzyl Alcohol	6.963	79	559062	49.825	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.092	45	1102697	50.315	ng	92
17) 2-Methylphenol	7.075	107	567226	52.748	ng	98
18) Hexachloroethane	7.334	117	248731	50.569	ng	96
19) n-Nitroso-di-n-propyla...	7.240	70	457913	48.530	ng	# 73
20) 3+4-Methylphenols	7.228	107	590992	46.487	ng	# 78
22) Acetophenone	7.228	105	851623	47.106	ng	# 91
24) Nitrobenzene	7.398	77	715059	49.385	ng	90
25) Isophorone	7.645	82	1351824	49.355	ng	# 88
26) 2-Nitrophenol	7.716	139	346067	53.019	ng	# 81
27) 2,4-Dimethylphenol	7.757	122	604408	54.526	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	867255	48.159	ng	# 97
29) 2,4-Dichlorophenol	7.963	162	491079	49.839	ng	93
30) 1,2,4-Trichlorobenzene	8.045	180	481146	47.209	ng	99
31) Naphthalene	8.122	128	1770215	48.187	ng	99
32) Benzoic acid	7.904	122	456046	47.755	ng	95
33) 4-Chloroaniline	8.169	127	232233	15.140	ng	98
34) Hexachlorobutadiene	8.245	225	238888	47.724	ng	99
35) Caprolactam	8.557	113	198191m	80.935	ng	
36) 4-Chloro-3-methylphenol	8.663	107	608507	52.354	ng	91
37) 2-Methylnaphthalene	8.816	142	1155110	51.058	ng	99
38) 1-Methylnaphthalene	8.916	142	1061577	48.352	ng	95
40) 1,2,4,5-Tetrachloroben...	8.986	216	375145	45.329	ng	# 95
41) Hexachlorocyclopentadiene	8.975	237	453505	95.693	ng	96
43) 2,4,6-Trichlorophenol	9.092	196	293133	45.027	ng	92

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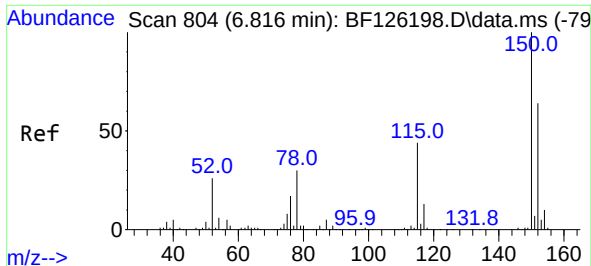
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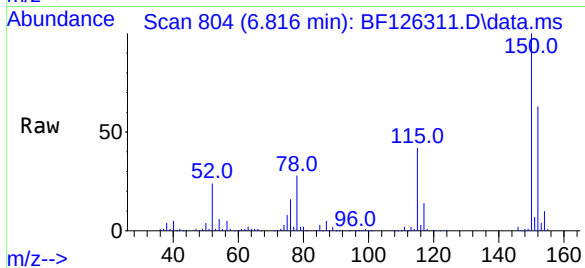
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	310022	45.985	ng	# 92
46) 1,1'-Biphenyl	9.281	154	1319242	46.530	ng	97
47) 2-Chloronaphthalene	9.304	162	971893	45.560	ng	96
48) 2-Nitroaniline	9.398	65	387856	49.813	ng	89
49) Acenaphthylene	9.722	152	1533370	47.041	ng	98
50) Dimethylphthalate	9.586	163	1149106	47.308	ng	98
51) 2,6-Dinitrotoluene	9.645	165	263374	50.096	ng	# 85
52) Acenaphthene	9.892	154	1101563m	52.111	ng	
53) 3-Nitroaniline	9.810	138	161777	24.210	ng	# 80
54) 2,4-Dinitrophenol	9.922	184	270436	124.928	ng	# 87
55) Dibenzofuran	10.069	168	1294475	44.978	ng	99
56) 4-Nitrophenol	9.981	139	477730	98.974	ng	79
57) 2,4-Dinitrotoluene	10.051	165	343159	51.169	ng	# 96
58) Fluorene	10.410	166	920175	44.164	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	240075	48.027	ng	# 98
60) Diethylphthalate	10.286	149	1126271	46.140	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	405359	43.210	ng	98
62) 4-Nitroaniline	10.428	138	303122	54.075	ng	# 74
63) Azobenzene	10.563	77	1330520	45.002	ng	85
65) 4,6-Dinitro-2-methylph...	10.457	198	167003	50.697	ng	93
66) n-Nitrosodiphenylamine	10.522	169	879443	45.425	ng	97
67) 4-Bromophenyl-phenylether	10.892	248	260231	45.964	ng	95
68) Hexachlorobenzene	10.957	284	311609	47.855	ng	# 85
69) Atrazine	11.051	200	271603	76.552	ng	96
70) Pentachlorophenol	11.151	266	330255	91.421	ng	91
71) Phenanthrene	11.369	178	1404145	45.097	ng	97
72) Anthracene	11.422	178	1462994	46.814	ng	98
73) Carbazole	11.575	167	1323418	44.967	ng	100
74) Di-n-butylphthalate	11.910	149	1725662	46.253	ng	100
75) Fluoranthene	12.557	202	1338626	47.718	ng	92
77) Benzidine	12.674	184	664396	121.372	ng	98
78) Pyrene	12.786	202	1360314	42.644	ng	97
80) Butylbenzylphthalate	13.404	149	691921	46.093	ng	# 80
81) Benzo(a)anthracene	13.968	228	882110	42.889	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	253102	26.937	ng	98
83) Chrysene	14.010	228	973926	45.576	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	770963	45.960	ng	99
85) Di-n-octyl phthalate	14.574	149	1497481	50.078	ng	99
87) Indeno(1,2,3-cd)pyrene	16.857	276	889432	45.593	ng	93
88) Benzo(b)fluoranthene	15.010	252	919032	52.298	ng	98
89) Benzo(k)fluoranthene	15.039	252	892043	53.064	ng	# 96
90) Benzo(a)pyrene	15.368	252	866562	59.331	ng	# 95
91) Dibenzo(a,h)anthracene	16.886	278	751536	47.391	ng	95
92) Benzo(g,h,i)perylene	17.292	276	728006	44.370	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: BF126311.D
Acq: 21 Dec 2021 22:51

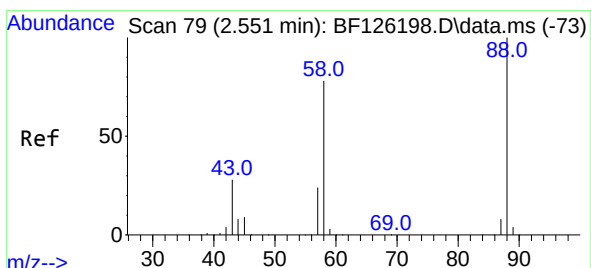
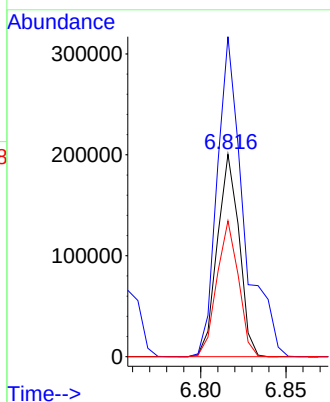
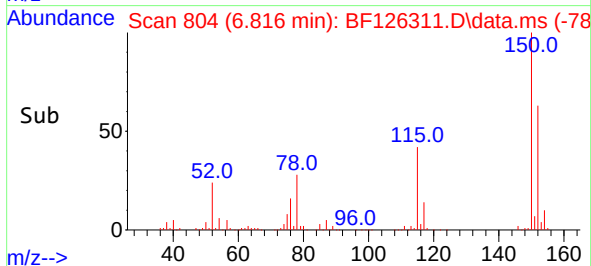
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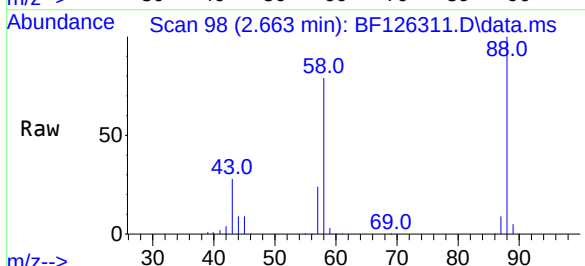
Tgt Ion:152 Resp: 17826
Ion Ratio Lower Upper
152 100
150 158.1 117.6 176.4
115 67.1 47.1 70.7

Manual Integrations
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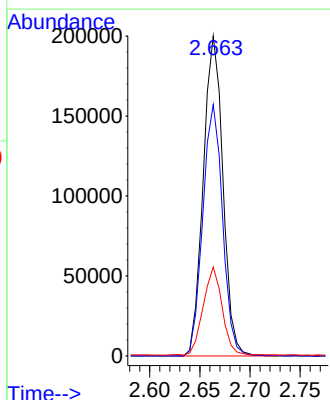
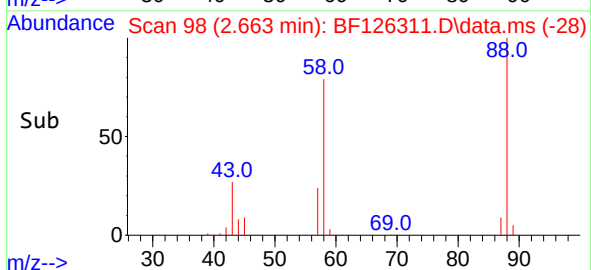
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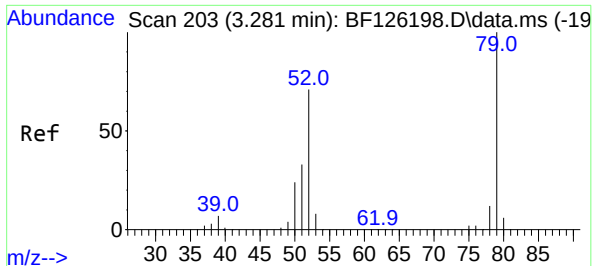


#2
1,4-Dioxane
Concen: 46.218 ng
RT: 2.663 min Scan# 98
Delta R.T. 0.112 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



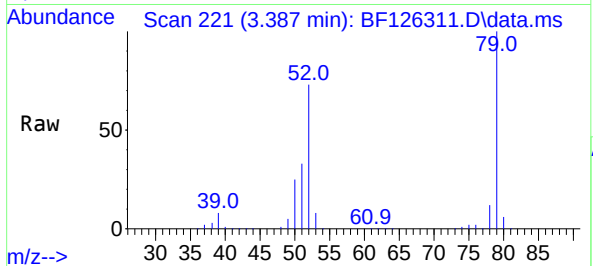
Tgt Ion: 88 Resp: 273096
Ion Ratio Lower Upper
88 100
58 78.9 0.0 0.0#
43 26.7 0.0 0.0#





#3
Pyridine
Concen: 39.215 ng
RT: 3.387 min Scan# 214
Delta R.T. 0.106 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

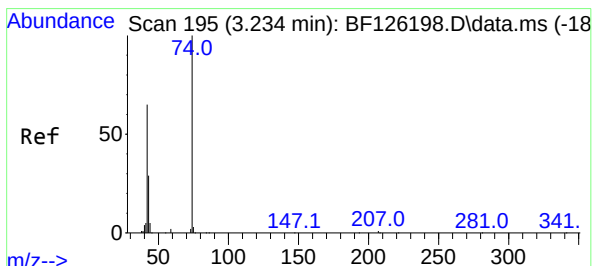
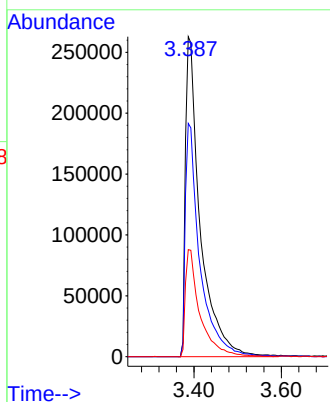
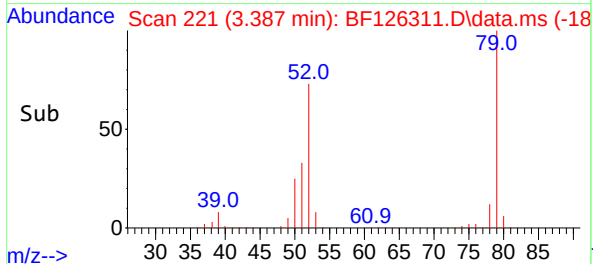
Instrument :
BNA_F
ClientSampleId :
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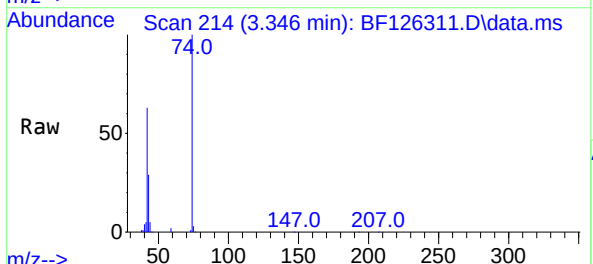
Tgt Ion: 79 Resp: 615340
Ion Ratio Lower Upper
79 100
52 72.9 70.3 105.5
51 33.5 44.1 66.1

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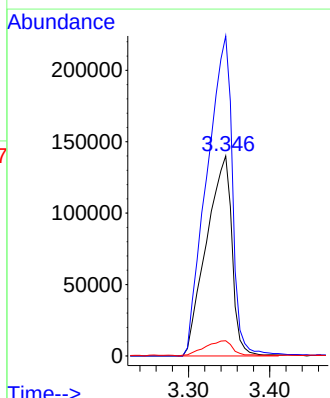
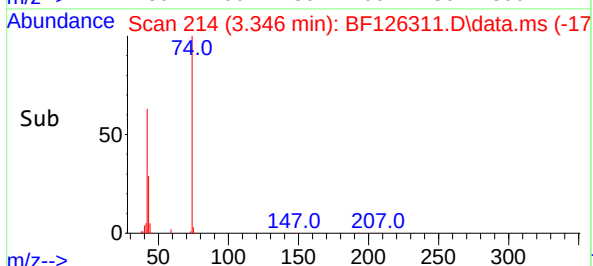
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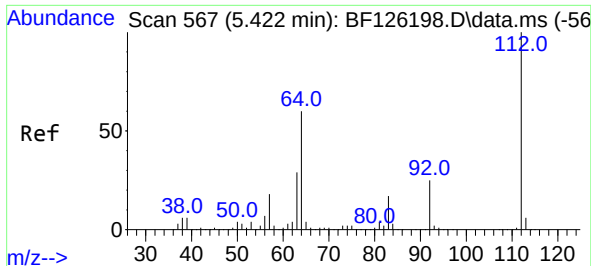


#4
n-Nitrosodimethylamine
Concen: 50.709 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.112 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



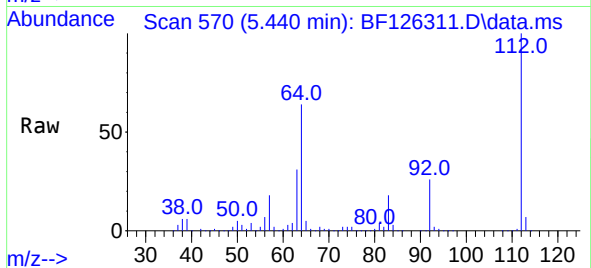
Tgt Ion: 42 Resp: 305814
Ion Ratio Lower Upper
42 100
74 159.9 59.0 88.6#
44 7.6 0.0 0.0#





#5
2-Fluorophenol
Concen: 103.806 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

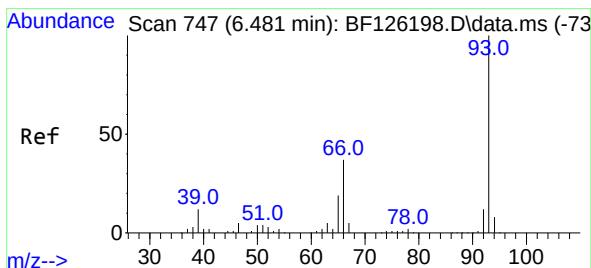
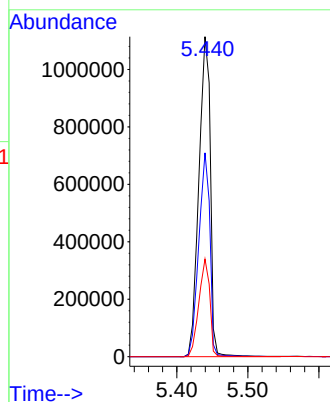
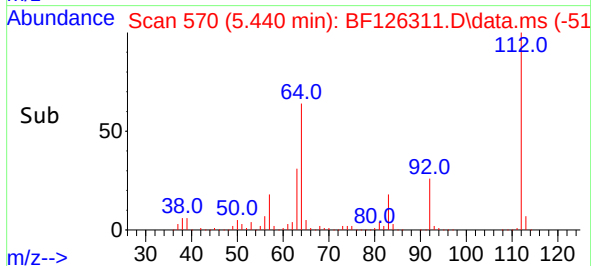
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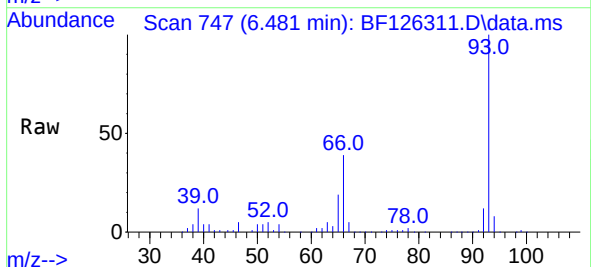
Tgt Ion:112 Resp: 125656
Ion Ratio Lower Upper
112 100
64 63.7 44.2 66.2
63 30.5 26.2 39.2

Manual Integrations
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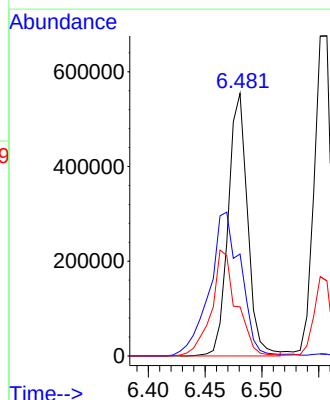
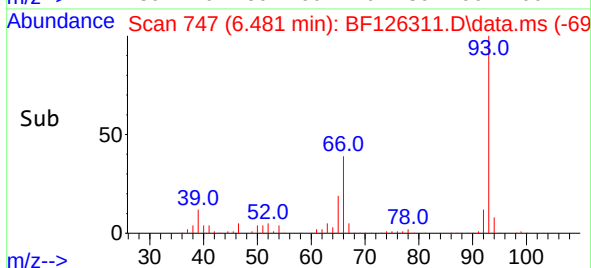
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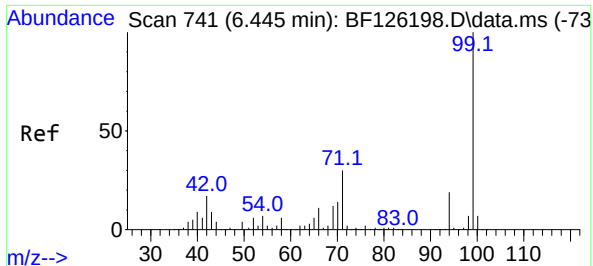


#6
Aniline
Concen: 33.734 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



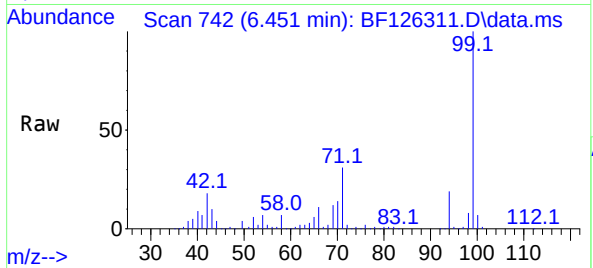
Tgt Ion: 93 Resp: 658610
Ion Ratio Lower Upper
93 100
66 38.8 32.7 49.1
65 18.7 14.2 21.4





#7
Phenol-d6
Concen: 108.656 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

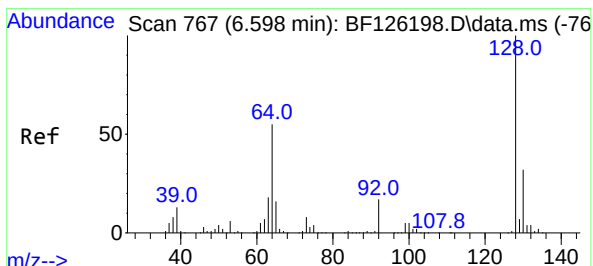
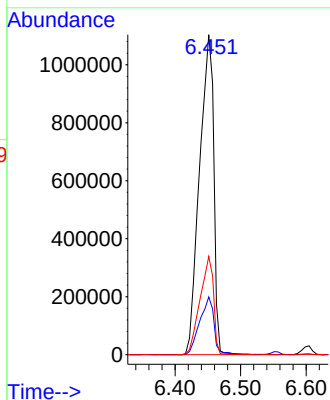
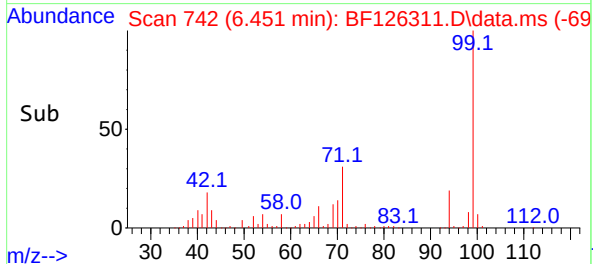
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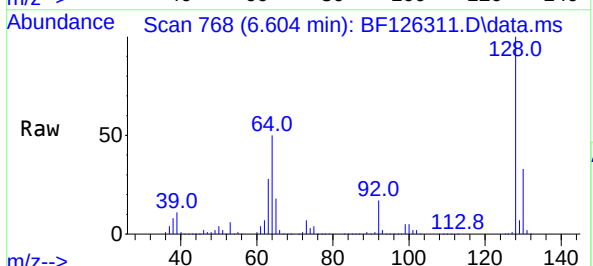
Tgt Ion: 99 Resp: 167006
Ion Ratio Lower Upper
99 100
42 18.0 23.5 35.3
71 30.7 25.6 38.4

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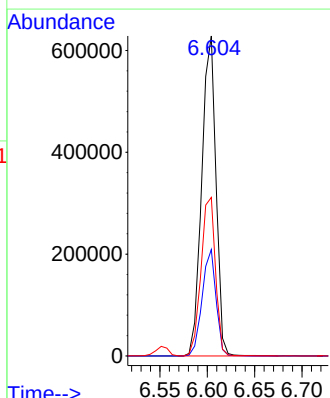
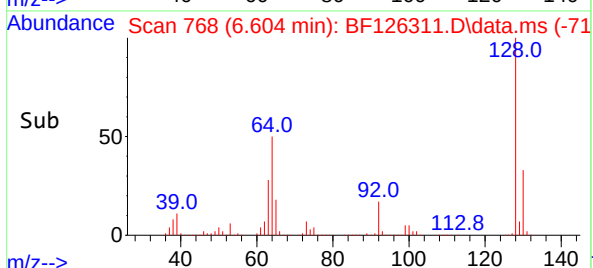
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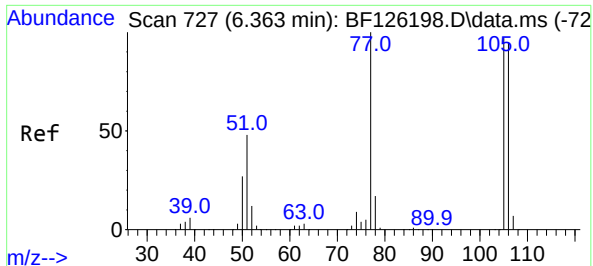


#8
2-Chlorophenol
Concen: 53.540 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



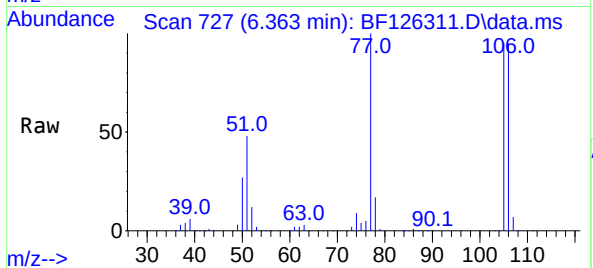
Tgt Ion:128 Resp: 657227
Ion Ratio Lower Upper
128 100
130 33.2 10.5 50.5
64 49.6 20.3 60.3





#9
Benzaldehyde
Concen: 50.428 ng
RT: 6.363 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

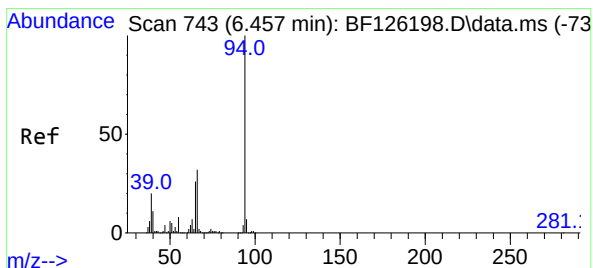
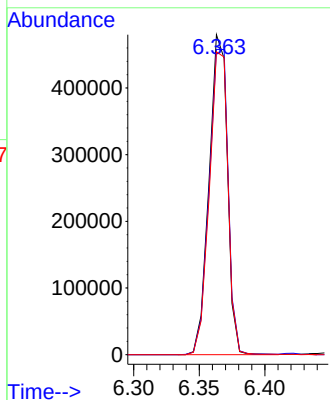
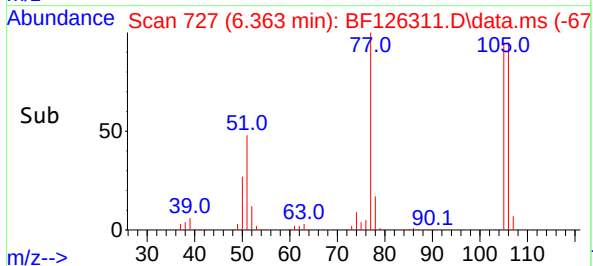
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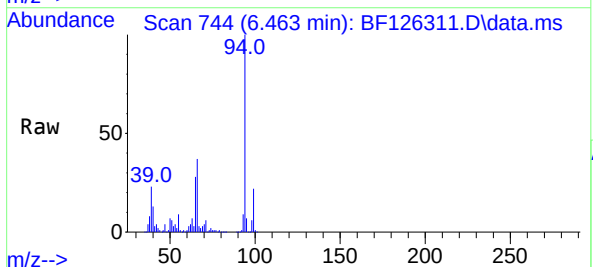
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Ion Ratio Lower Upper
77 100
105 95.4 75.9 115.9
106 94.6 84.0 124.0

Manual Integrations
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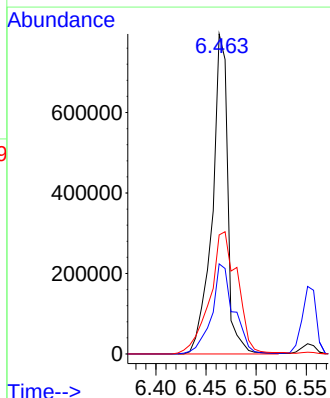
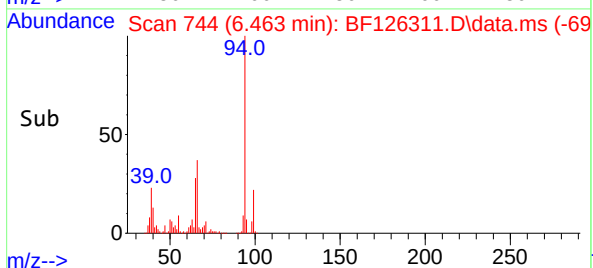
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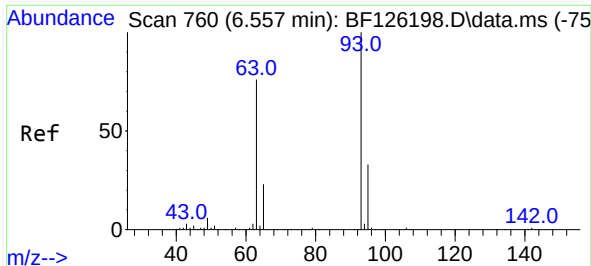


#10
Phenol
Concen: 49.739 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



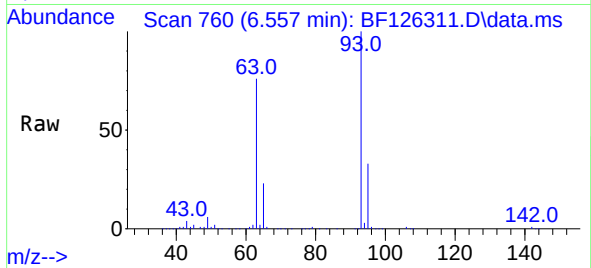
Tgt Ion: 94 Resp: 858155
Ion Ratio Lower Upper
94 100
65 28.1 9.3 49.3
66 37.2 20.3 60.3





#11
bis(2-Chloroethyl)ether
Concen: 50.929 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

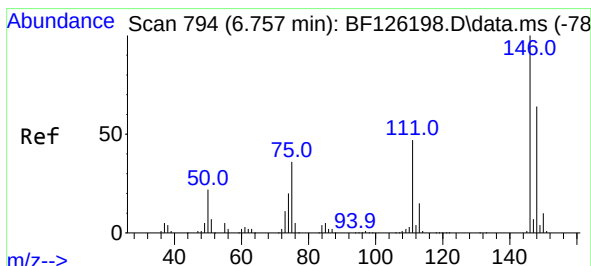
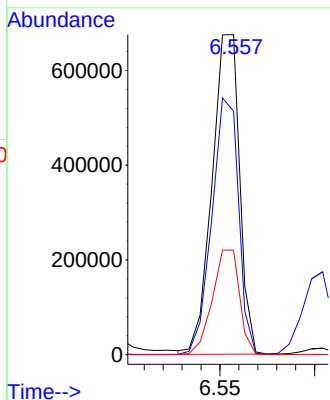
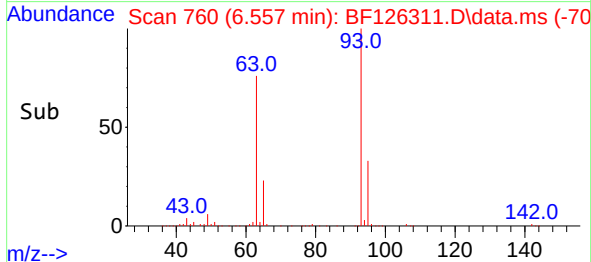
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



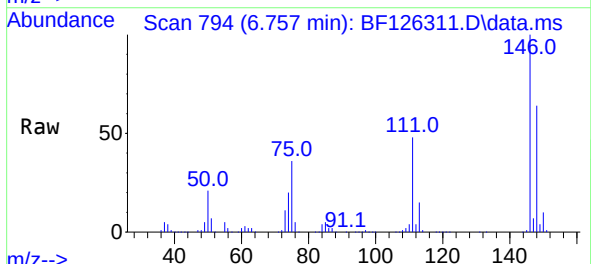
Tgt Ion: 93 Resp: 682048
Ion Ratio Lower Upper
93 100
63 76.1 54.4 94.4
95 32.7 11.4 51.4

Manual Integrations
APPROVED

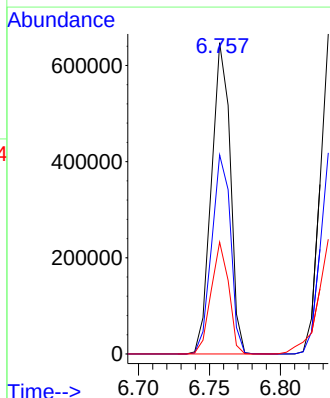
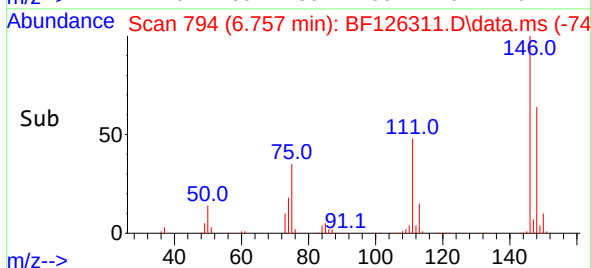
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

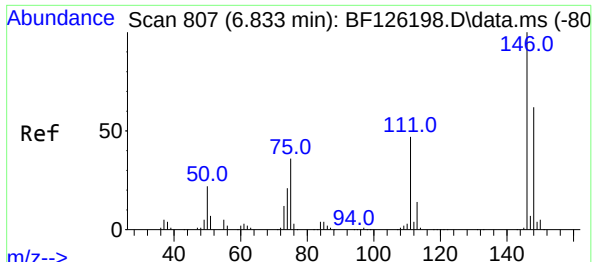


#12
1,3-Dichlorobenzene
Concen: 48.047 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



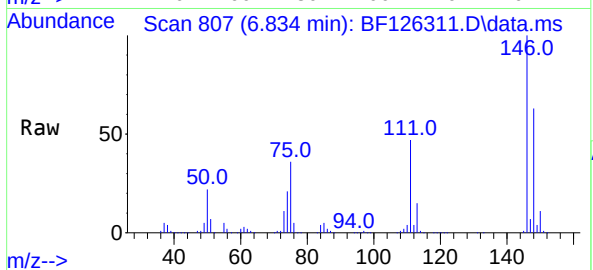
Tgt Ion:146 Resp: 594952
Ion Ratio Lower Upper
146 100
148 64.0 49.7 74.5
75 35.9 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 48.535 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

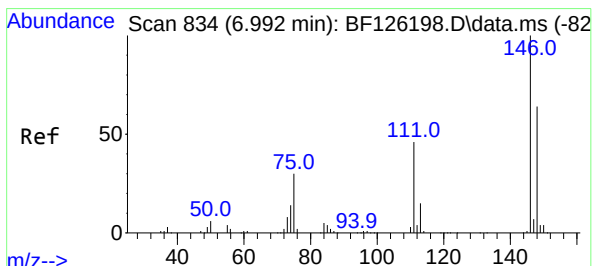
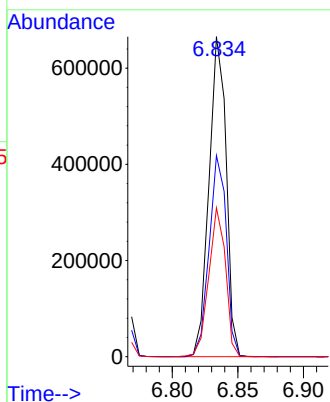
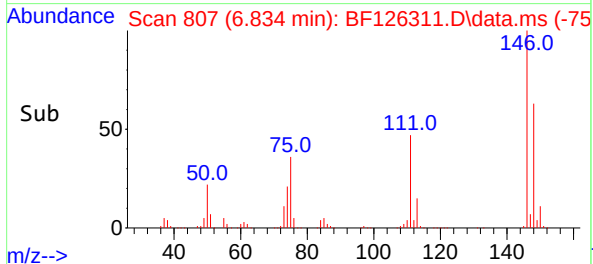
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



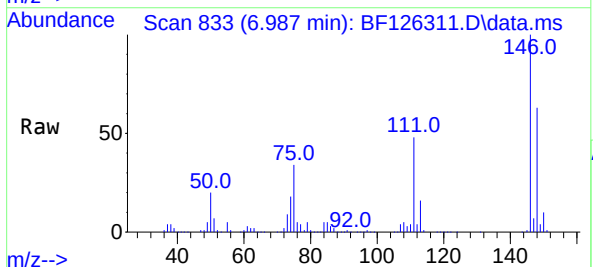
Tgt Ion:146 Resp: 606900
Ion Ratio Lower Upper
146 100
148 62.8 51.9 77.9
111 46.5 31.8 47.6

Manual Integrations
APPROVED

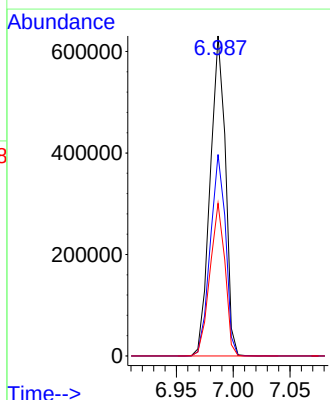
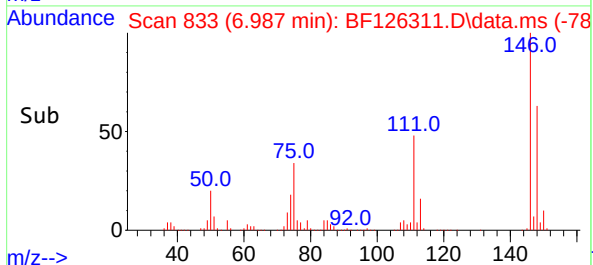
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

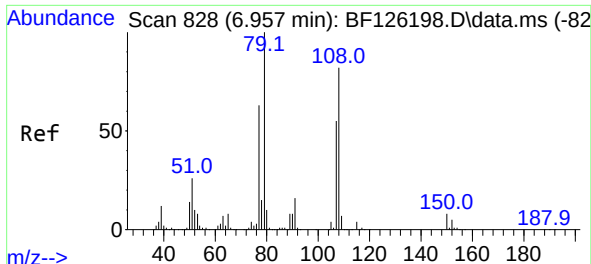


#14
1,2-Dichlorobenzene
Concen: 50.869 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



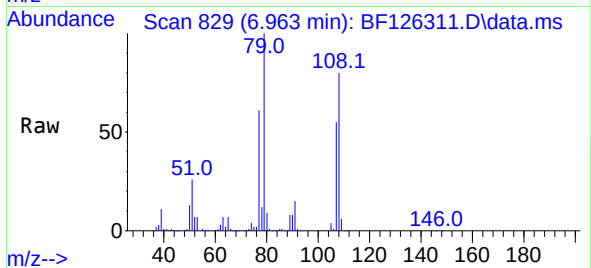
Tgt Ion:146 Resp: 588138
Ion Ratio Lower Upper
146 100
148 62.9 50.6 75.8
111 47.7 33.5 50.3





#15
Benzyl Alcohol
Concen: 49.825 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

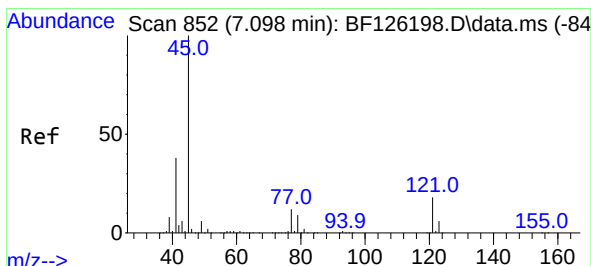
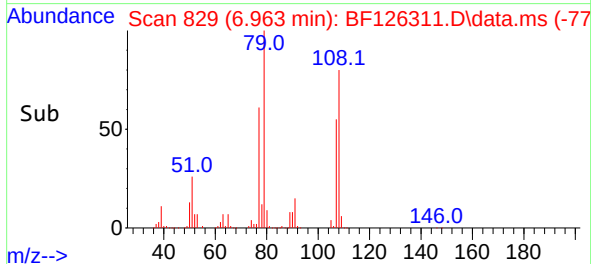
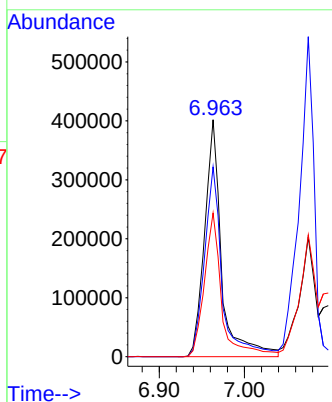
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion: 79 Resp: 559062
Ion Ratio Lower Upper
79 100
108 80.1 60.4 90.6
77 60.6 51.5 77.3

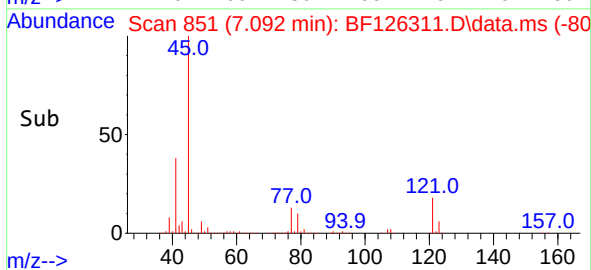
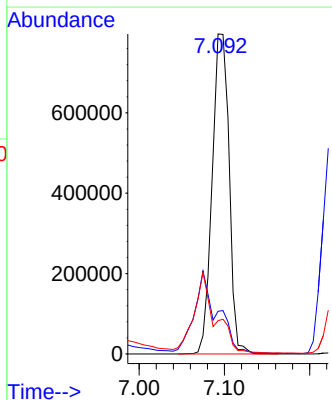
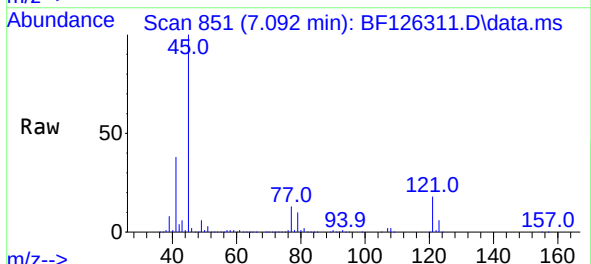
Manual Integrations
APPROVED

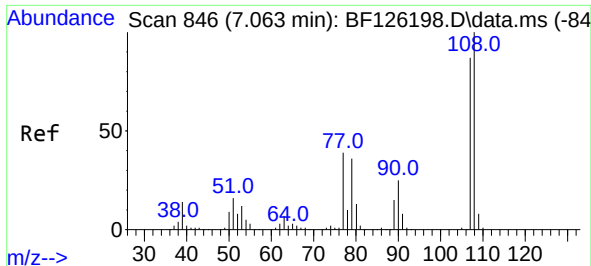
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.315 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

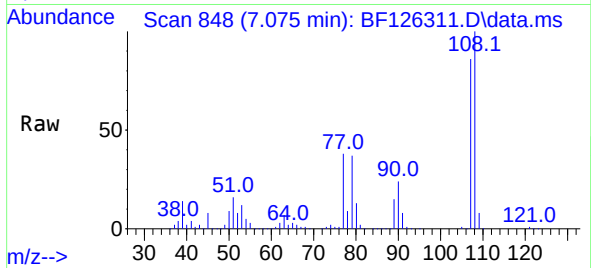
Tgt Ion: 45 Resp: 1102697
Ion Ratio Lower Upper
45 100
77 13.4 0.0 30.6
79 10.4 0.0 27.5





#17
2-Methylphenol
Concen: 52.748 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

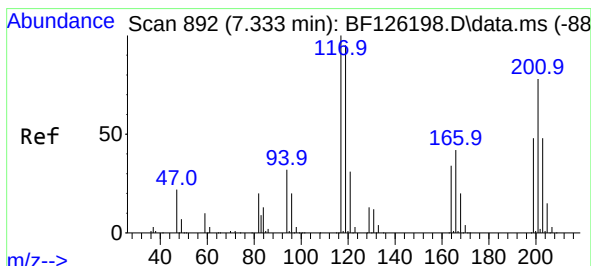
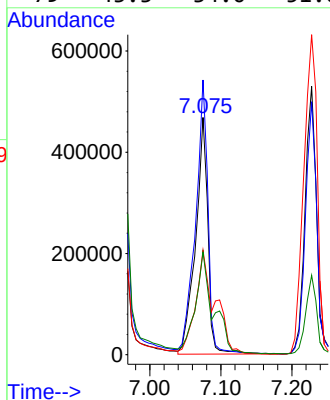
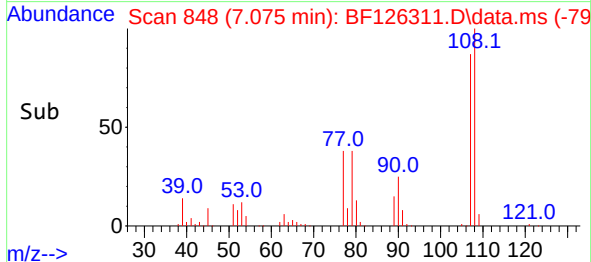
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:107 Resp: 567220
Ion Ratio Lower Upper
107 100
108 115.8 90.6 135.8
77 44.1 35.7 53.5
79 43.3 34.0 51.0

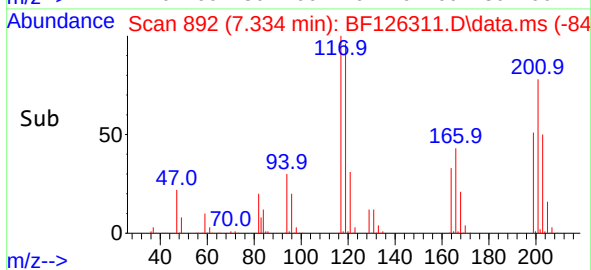
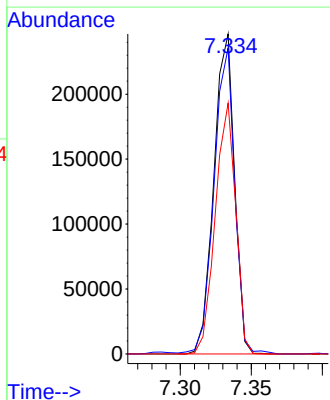
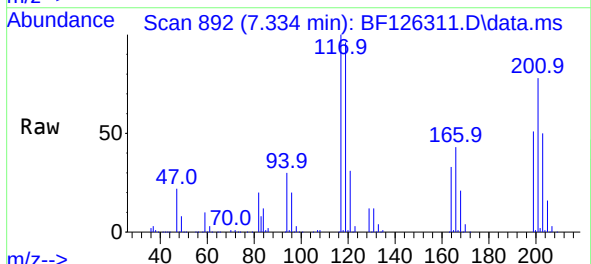
Manual Integrations
APPROVED

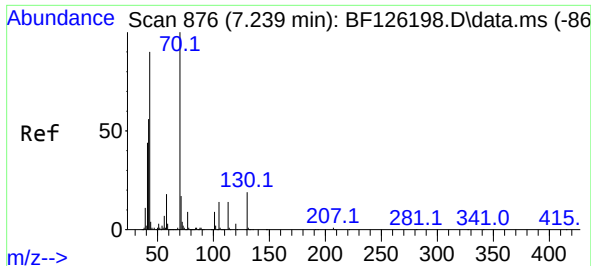
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#18
Hexachloroethane
Concen: 50.569 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

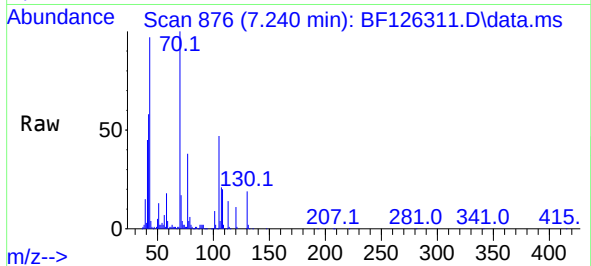
Tgt Ion:117 Resp: 248731
Ion Ratio Lower Upper
117 100
119 95.7 73.4 110.2
201 78.4 64.9 97.3





#19
n-Nitroso-di-n-propylamine
Concen: 48.530 ng
RT: 7.240 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

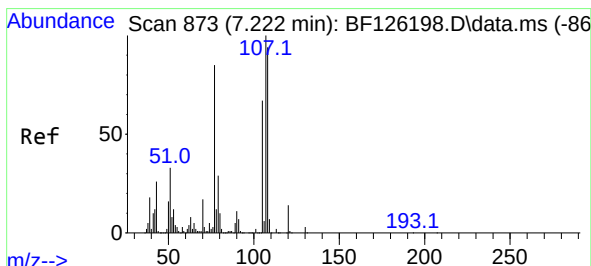
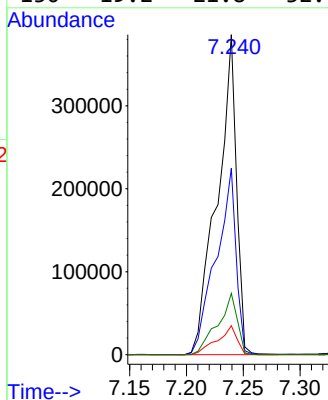
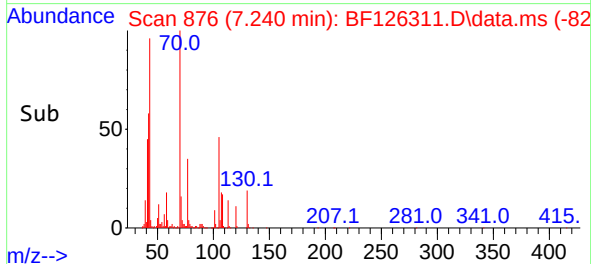
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



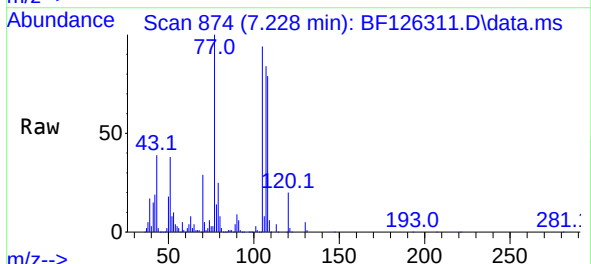
Tgt Ion: 70 Resp: 45791
Ion Ratio Lower Upper
70 100
42 58.3 72.2 108.2
101 9.0 7.8 11.8
130 19.2 21.8 32.6#

Manual Integrations
APPROVED

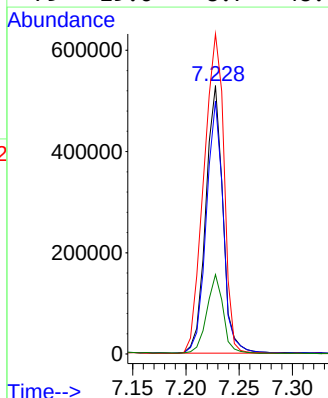
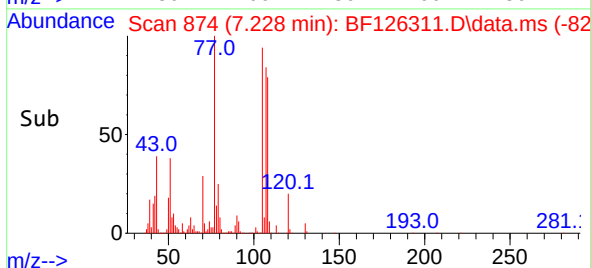
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

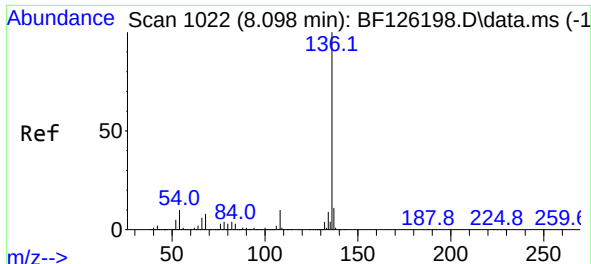


#20
3+4-Methylphenols
Concen: 46.487 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



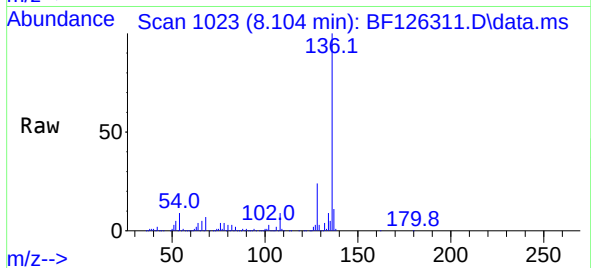
Tgt Ion:107 Resp: 590992
Ion Ratio Lower Upper
107 100
108 94.3 76.6 116.6
77 119.3 53.3 93.3#
79 29.6 8.7 48.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

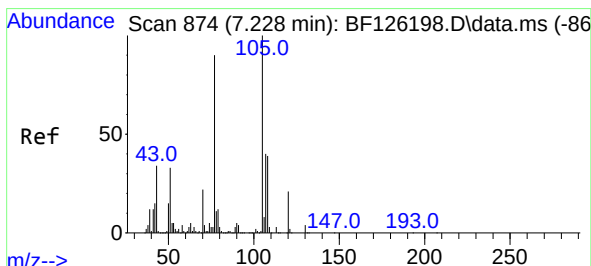
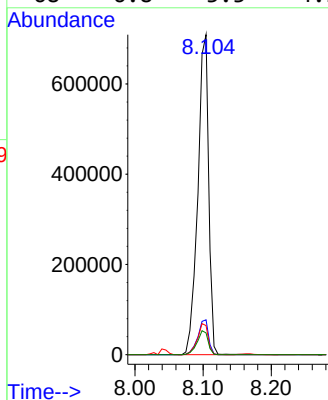
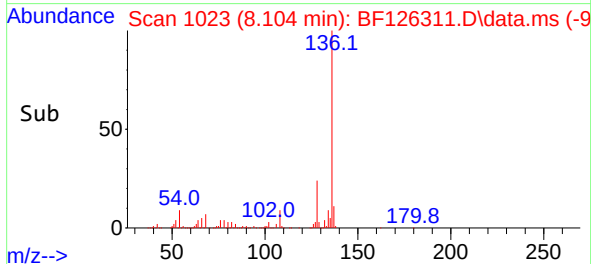
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:136 Resp: 78554
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.1 6.4 9.6
68 6.8 3.3 4.9#

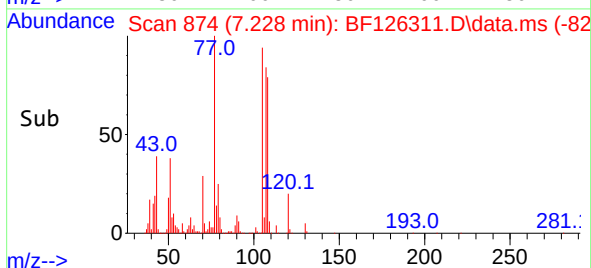
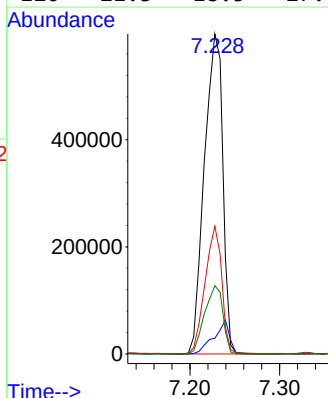
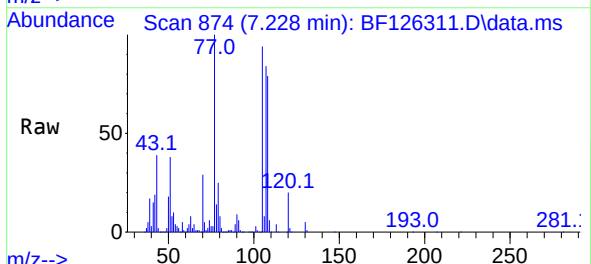
Manual Integrations
APPROVED

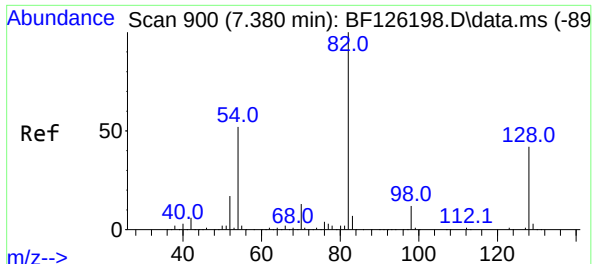
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#22
Acetophenone
Concen: 47.106 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

Tgt Ion:105 Resp: 851623
Ion Ratio Lower Upper
105 100
71 4.9 5.5 8.3#
51 39.9 26.0 39.0#
120 21.3 18.5 27.7





#23

Nitrobenzene-d5

Concen: 75.170 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126311.D

Acq: 21 Dec 2021 22:51

Instrument :

BNA_F

ClientSampleId :

POST-EXCAVATION-BOTTOM-EASTMSD

Tgt Ion: 82 Resp: 1090290

Ion Ratio Lower Upper

82 100

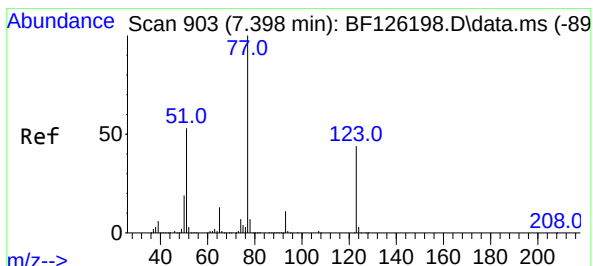
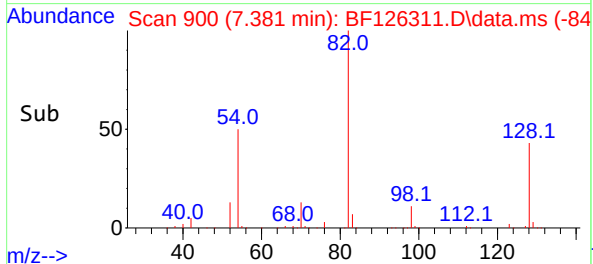
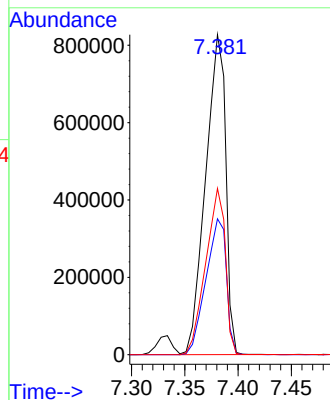
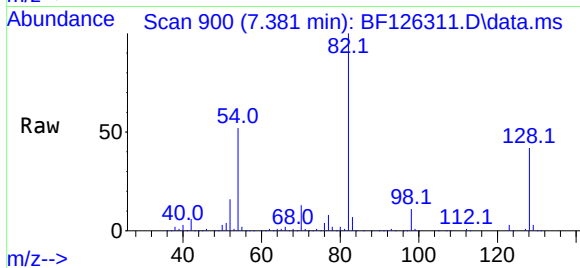
128 42.5 40.6 60.8

54 52.0 49.6 74.4

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 49.385 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF126311.D

Acq: 21 Dec 2021 22:51

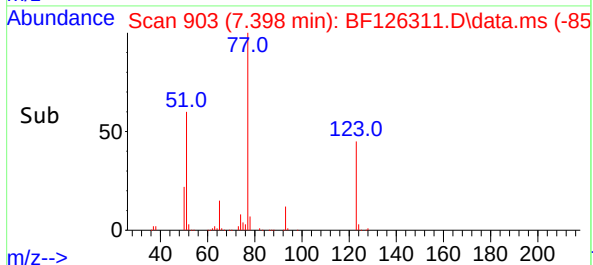
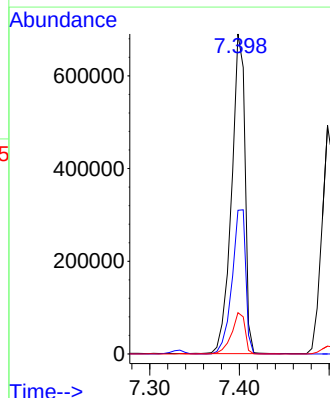
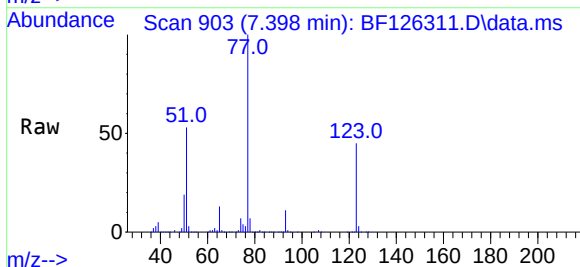
Tgt Ion: 77 Resp: 715059

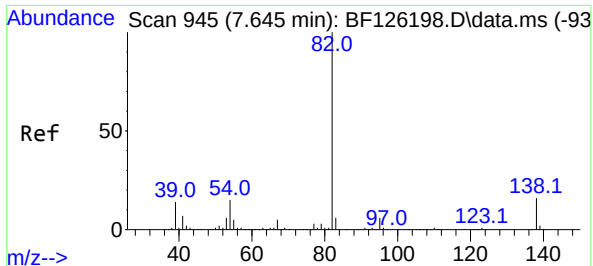
Ion Ratio Lower Upper

77 100

123 44.9 42.3 63.5

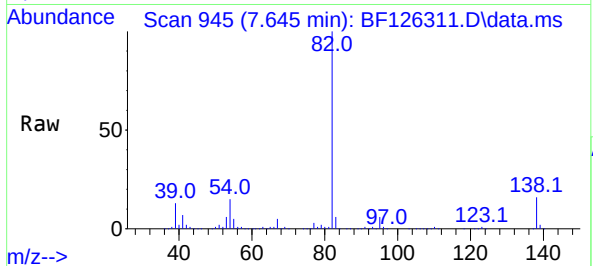
65 12.9 12.4 18.6





#25
Isophorone
Concen: 49.355 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

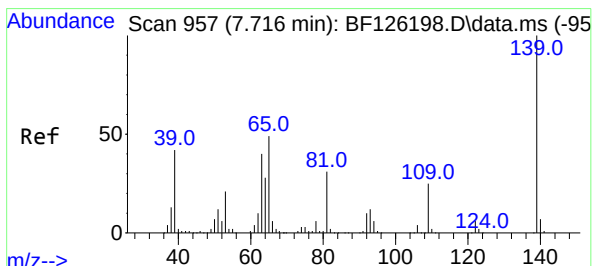
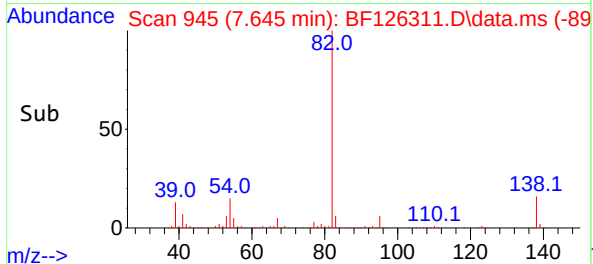
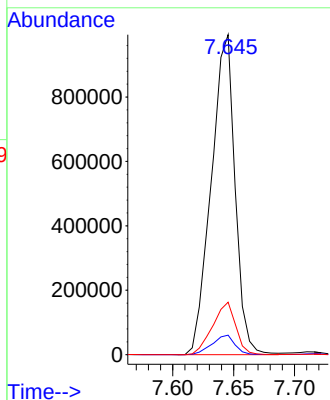
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion: 82 Resp: 1351824
Ion Ratio Lower Upper
82 100
95 6.1 6.5 9.7
138 16.4 18.4 27.6

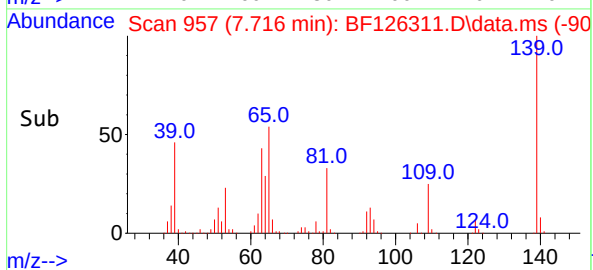
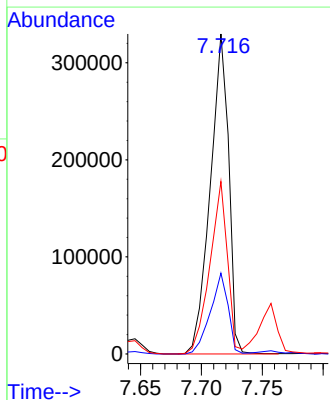
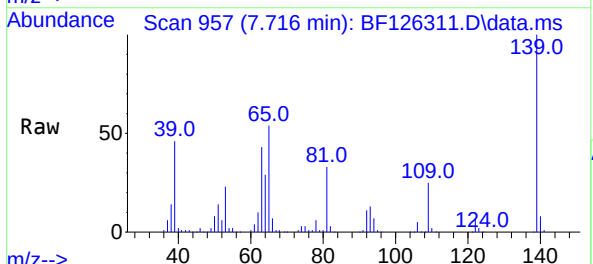
Manual Integrations
APPROVED

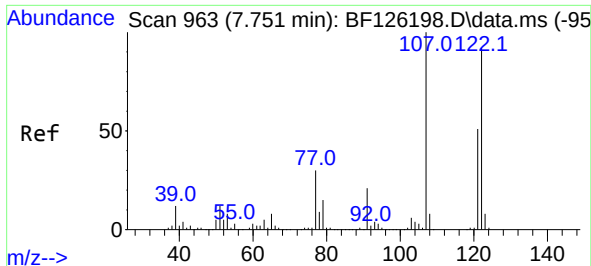
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#26
2-Nitrophenol
Concen: 53.019 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

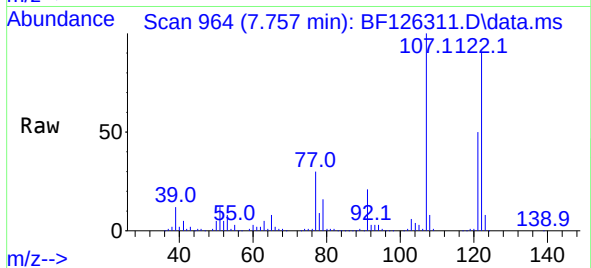
Tgt Ion:139 Resp: 346067
Ion Ratio Lower Upper
139 100
109 25.3 26.0 39.0#
65 53.9 31.0 46.4#





#27
2,4-Dimethylphenol
Concen: 54.526 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

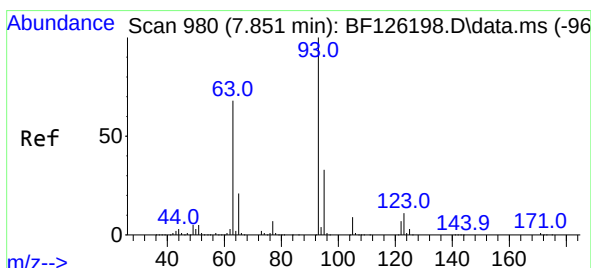
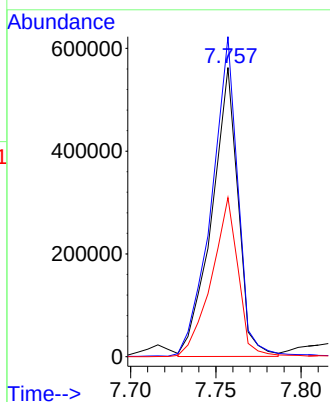
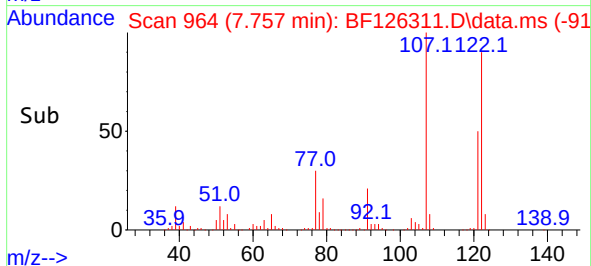
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



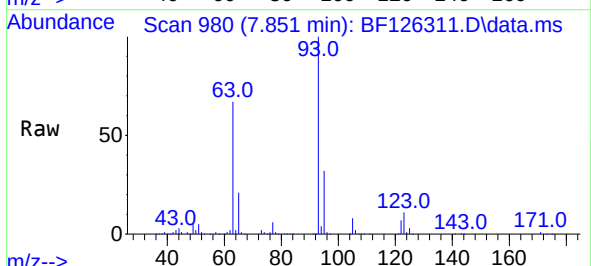
Tgt Ion:122 Resp: 604408
Ion Ratio Lower Upper
122 100
107 110.7 85.0 127.6
121 55.0 43.3 64.9

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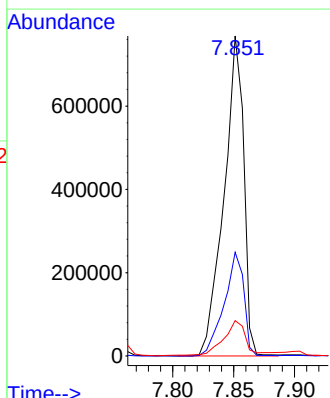
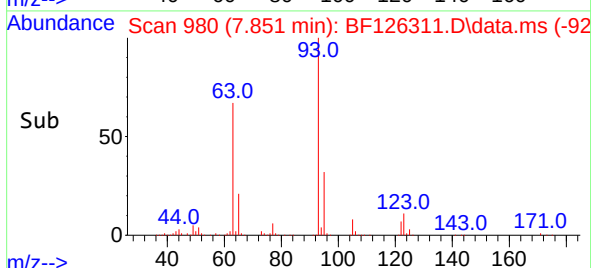
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

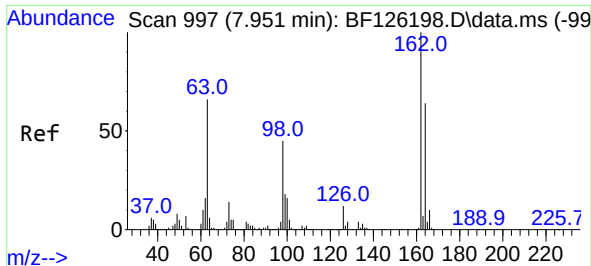


#28
bis(2-Chloroethoxy)methane
Concen: 48.159 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



Tgt Ion: 93 Resp: 867255
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 11.0 11.7 17.5#





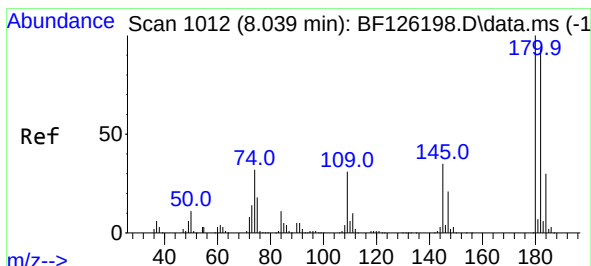
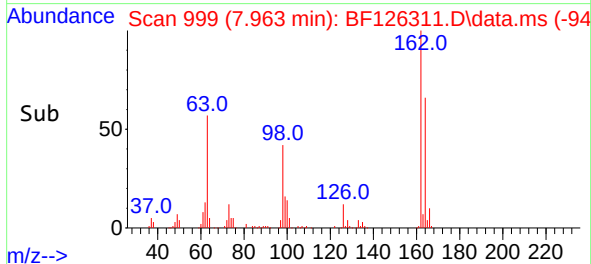
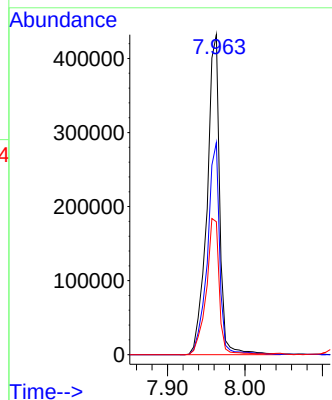
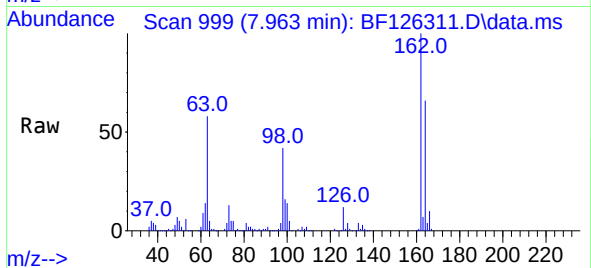
#29
2,4-Dichlorophenol
Concen: 49.839 ng
RT: 7.963 min Scan# 99
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

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

Tgt Ion:162 Resp: 491079
Ion Ratio Lower Upper
162 100
164 66.3 44.5 84.5
98 41.6 13.0 53.0

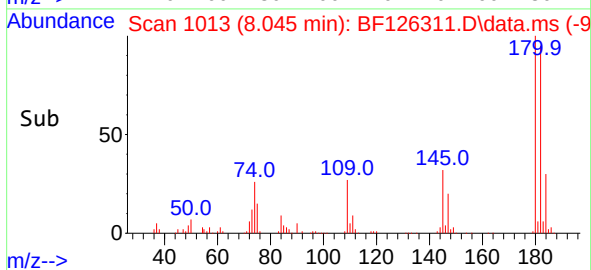
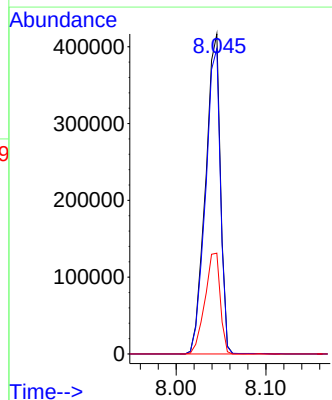
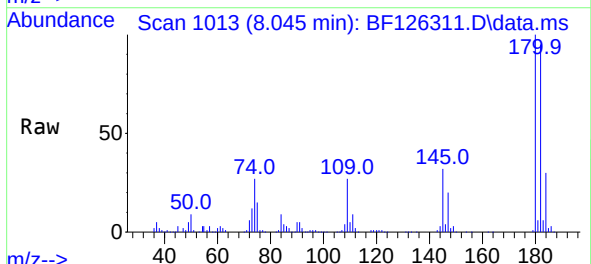
Manual Integrations
APPROVED

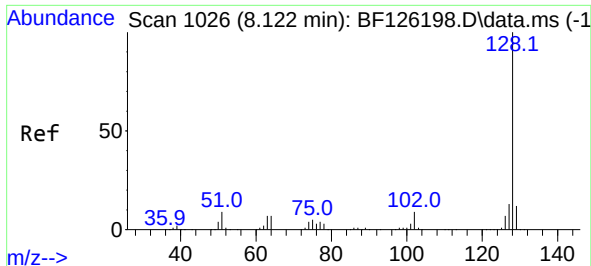
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#30
1,2,4-Trichlorobenzene
Concen: 47.209 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

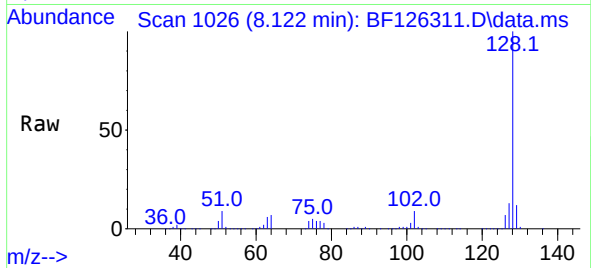
Tgt Ion:180 Resp: 481146
Ion Ratio Lower Upper
180 100
182 95.4 76.8 115.2
145 31.5 26.7 40.1





#31
Naphthalene
Concen: 48.187 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

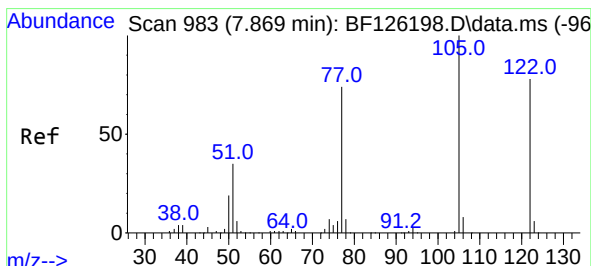
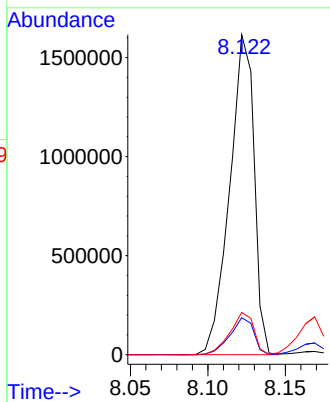
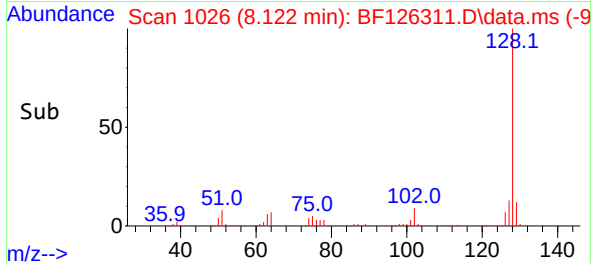
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



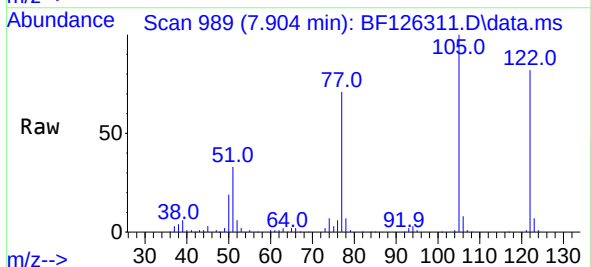
Tgt Ion:128 Resp: 1770215
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.2 10.9 16.3

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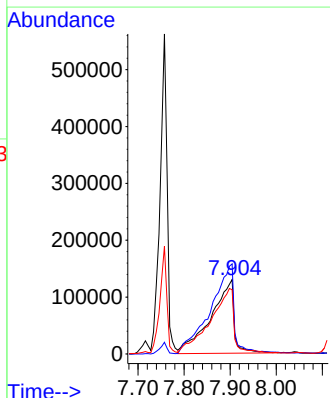
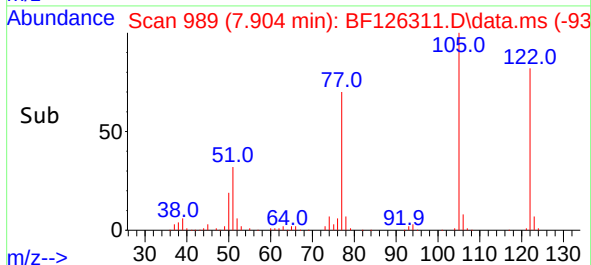
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

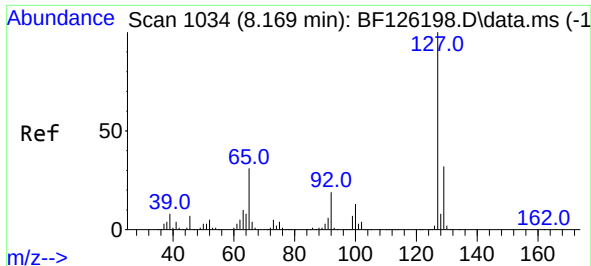


#32
Benzoic acid
Concen: 47.755 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.035 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



Tgt Ion:122 Resp: 456046
Ion Ratio Lower Upper
122 100
105 121.3 97.6 137.6
77 86.5 59.6 99.6





#33
4-Chloroaniline
Concen: 15.140 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

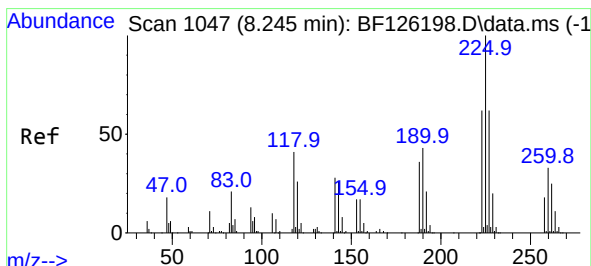
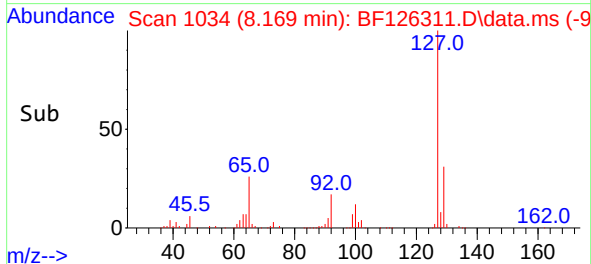
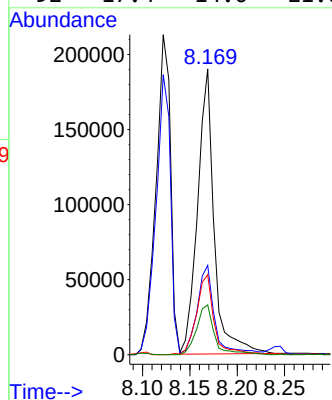
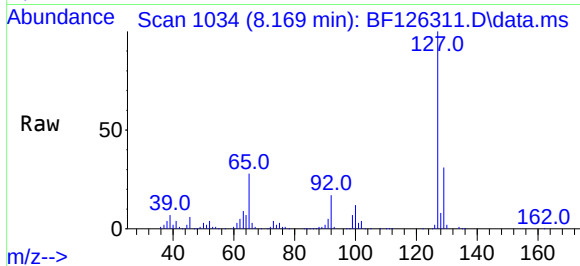
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD

Tgt Ion:127 Resp: 23223

Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.7	38.5
65	28.0	21.2	31.8
92	17.4	14.0	21.0

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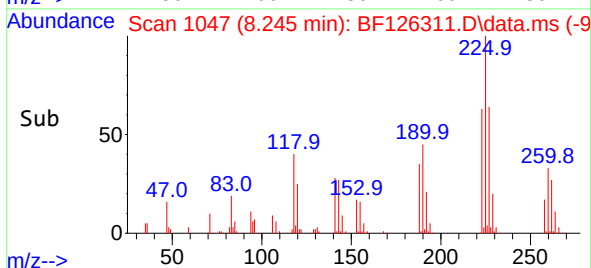
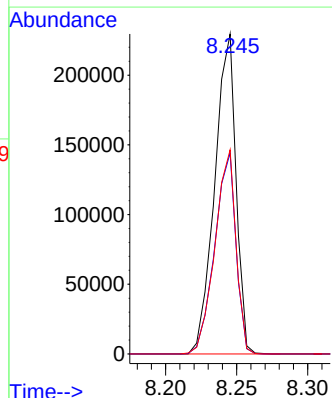
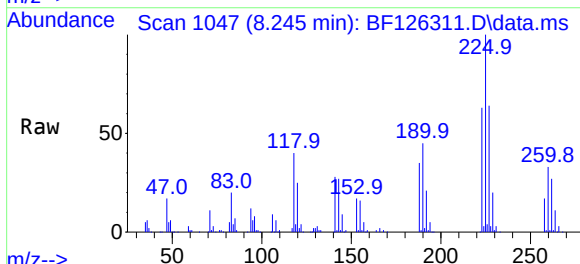
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

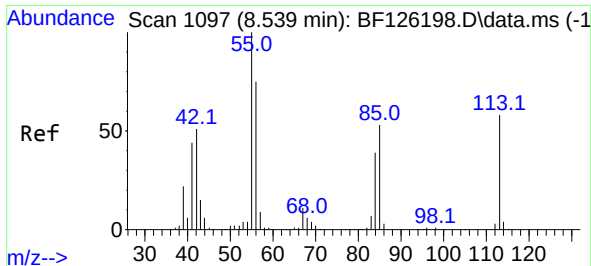


#34
Hexachlorobutadiene
Concen: 47.724 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

Tgt Ion:225 Resp: 238888

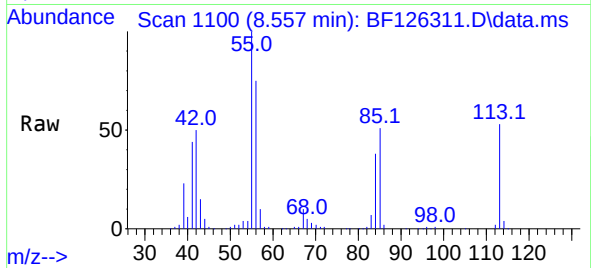
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	63.8	50.6	75.8





#35
Caprolactam
Concen: 80.935 ng m
RT: 8.557 min Scan# 1118
Delta R.T. 0.018 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

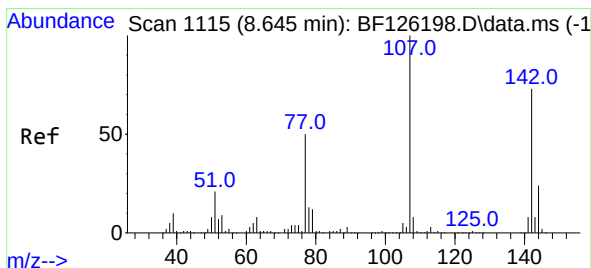
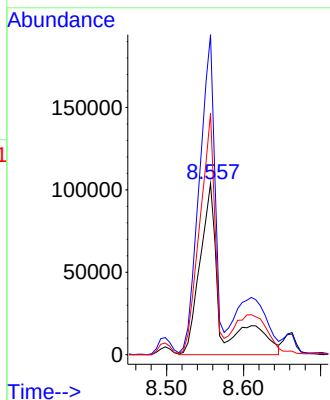
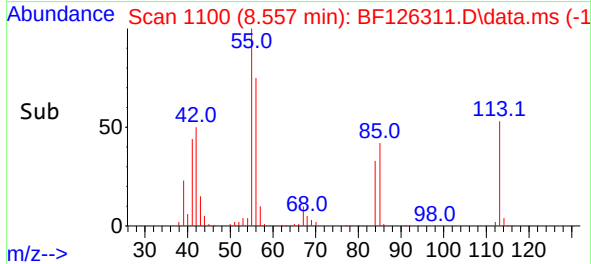
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:113 Resp: 19819
Ion Ratio Lower Upper
113 100
55 187.0 154.1 194.1
56 141.1 108.7 148.7

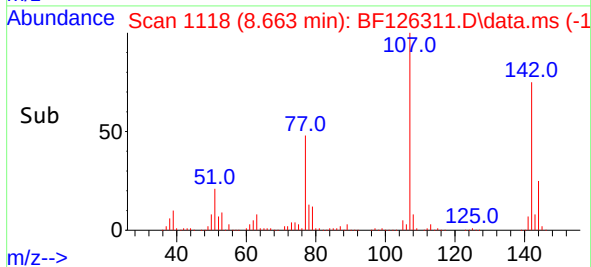
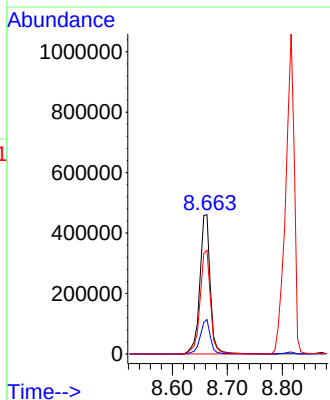
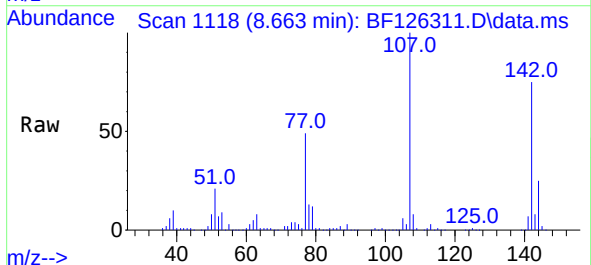
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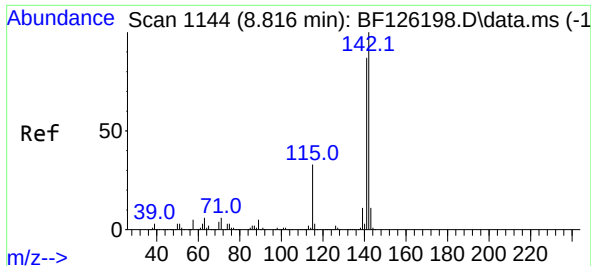
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#36
4-Chloro-3-methylphenol
Concen: 52.354 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.018 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

Tgt Ion:107 Resp: 608507
Ion Ratio Lower Upper
107 100
144 24.7 21.9 32.9
142 74.6 67.1 100.7





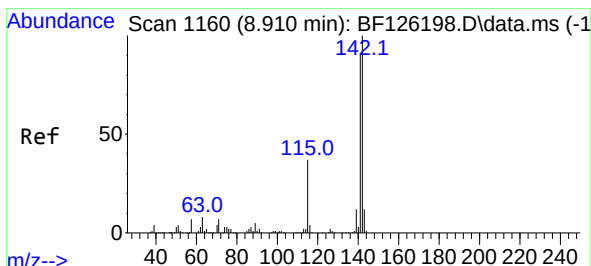
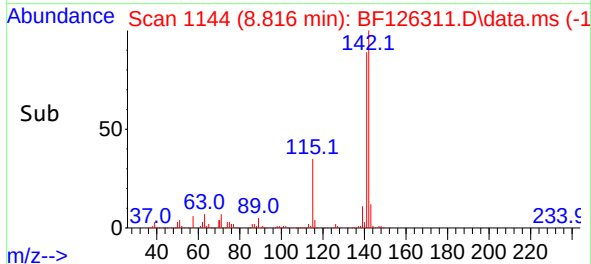
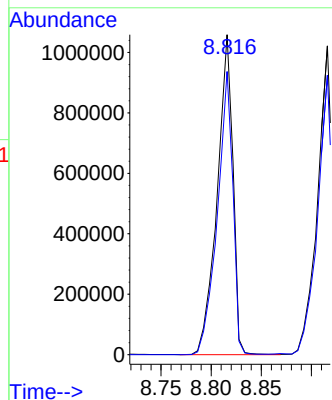
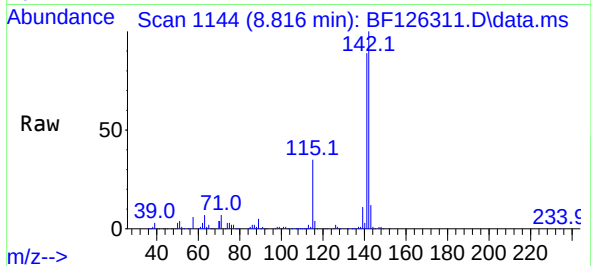
#37
2-Methylnaphthalene
Concen: 51.058 ng
RT: 8.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

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

Tgt Ion:142 Resp: 1155110
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8

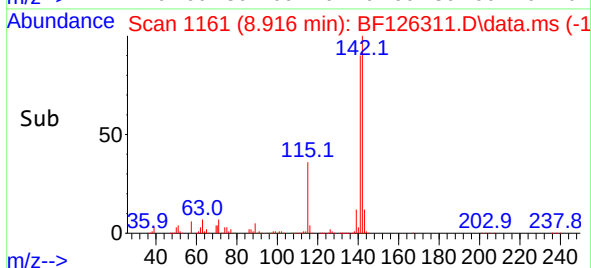
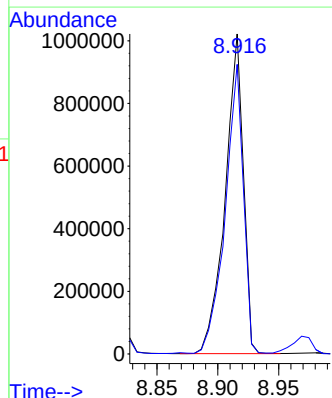
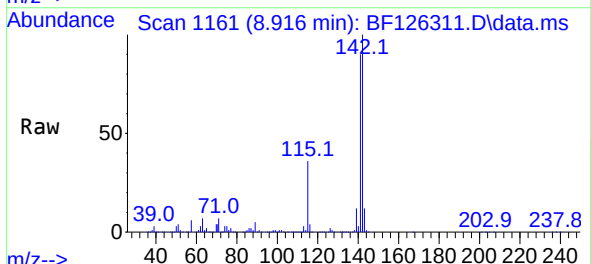
Manual Integrations
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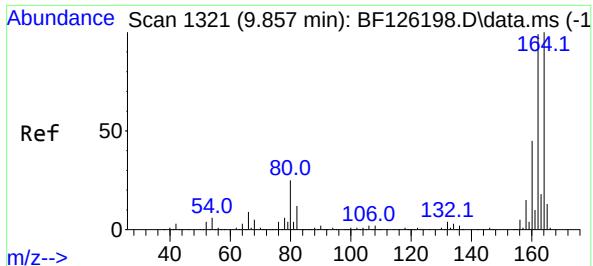
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#38
1-Methylnaphthalene
Concen: 48.352 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

Tgt Ion:142 Resp: 1061577
Ion Ratio Lower Upper
142 100
141 90.5 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF126311.D

Acq: 21 Dec 2021 22:51

Instrument :

BNA_F

ClientSampleId :

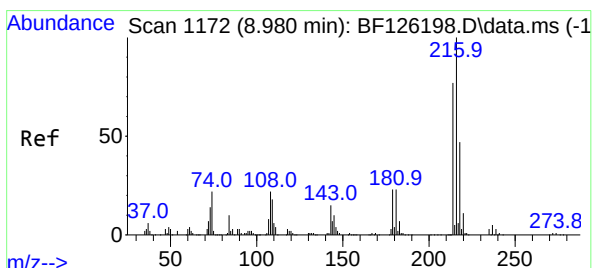
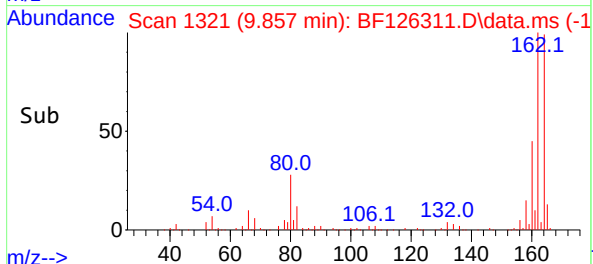
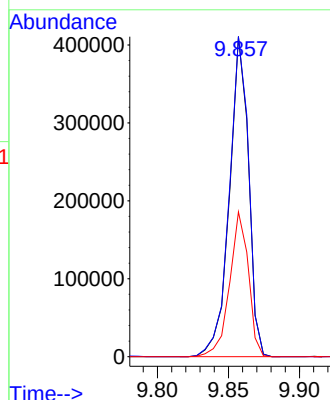
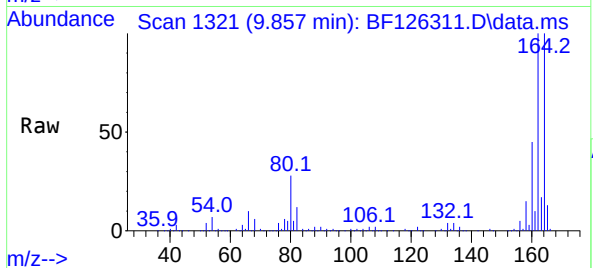
POST-EXCAVATION-BOTTOM-EASTMSD

Tgt Ion:164 Resp: 38345
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.3 121.9
 160 45.3 38.0 57.0

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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: 45.329 ng

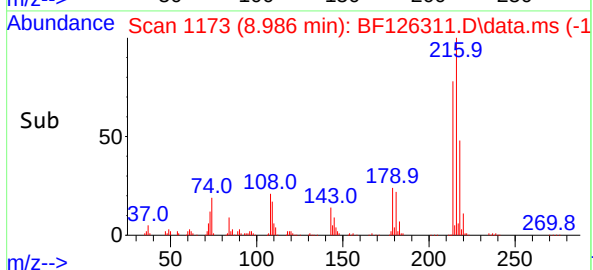
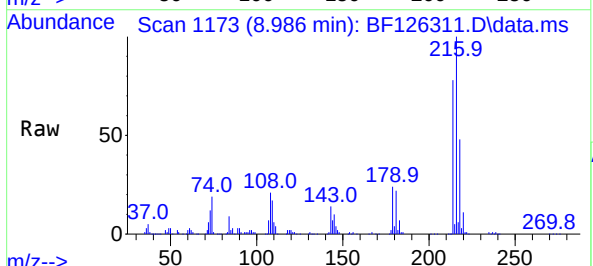
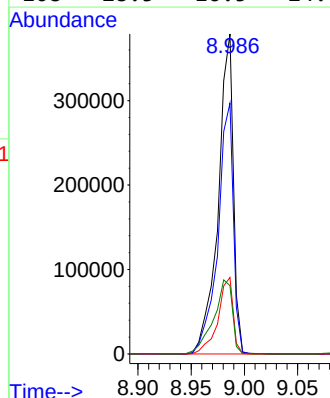
RT: 8.986 min Scan# 1173

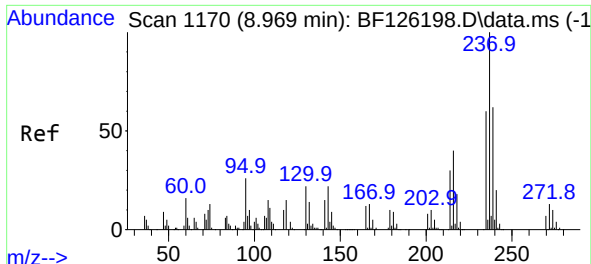
Delta R.T. 0.006 min

Lab File: BF126311.D

Acq: 21 Dec 2021 22:51

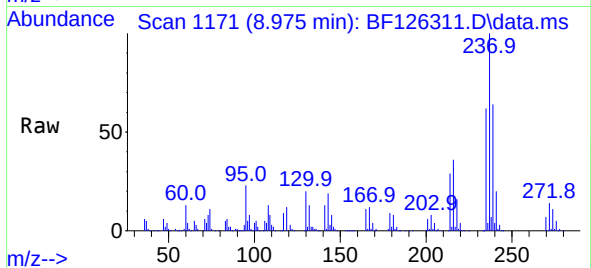
Tgt Ion:216 Resp: 375145
 Ion Ratio Lower Upper
 216 100
 214 79.8 64.9 97.3
 179 23.9 17.4 26.2
 108 28.5 16.5 24.7#





#41
Hexachlorocyclopentadiene
Concen: 95.693 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

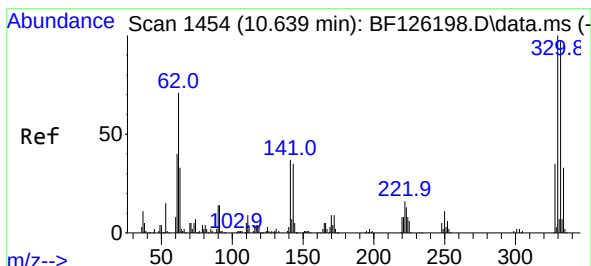
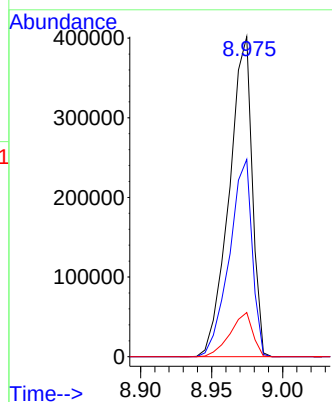
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



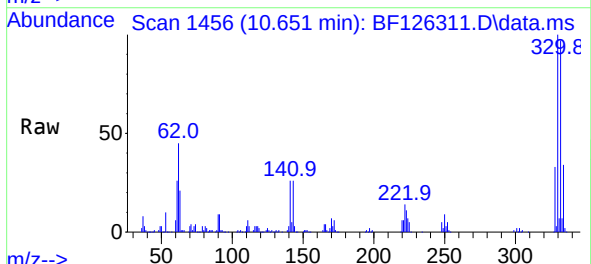
Tgt Ion:237 Resp: 45350
Ion Ratio Lower Upper
237 100
235 61.7 44.7 84.7
272 13.8 0.0 31.6

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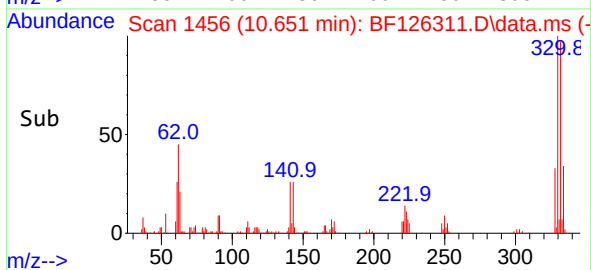
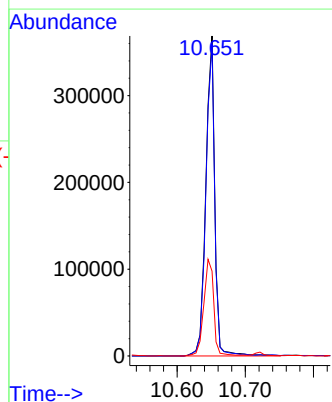
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

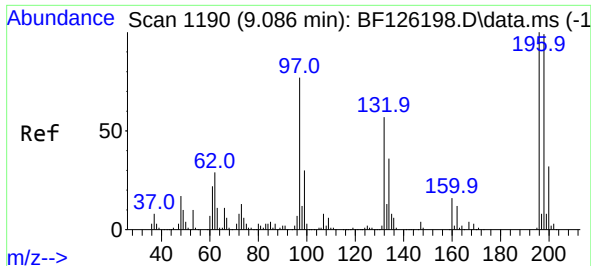


#42
2,4,6-Tribromophenol
Concen: 109.436 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



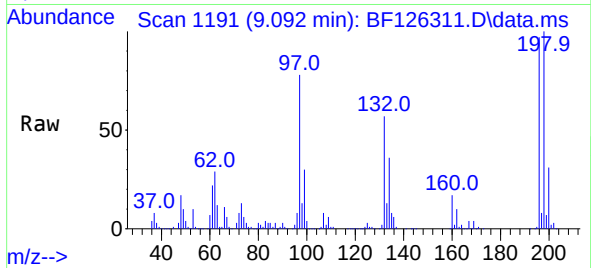
Tgt Ion:330 Resp: 337237
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 33.7 44.6 66.8#





#43
2,4,6-Trichlorophenol
Concen: 45.027 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

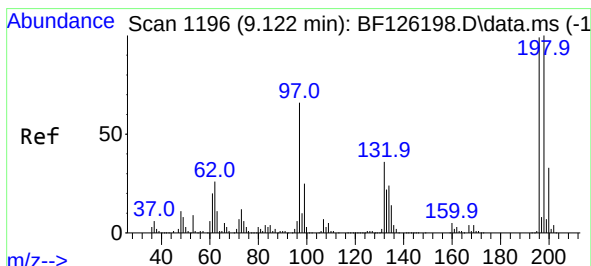
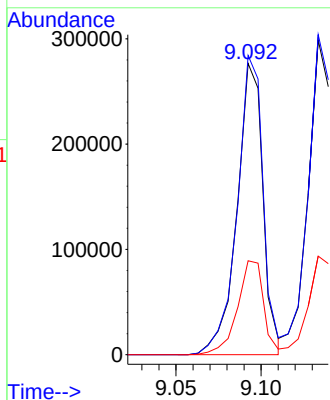
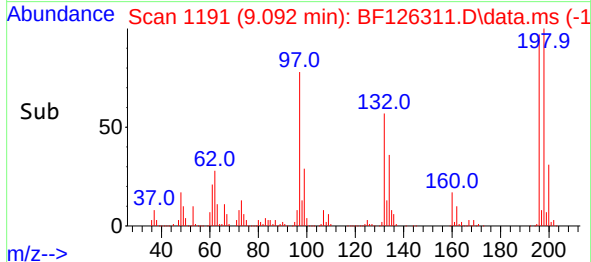
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



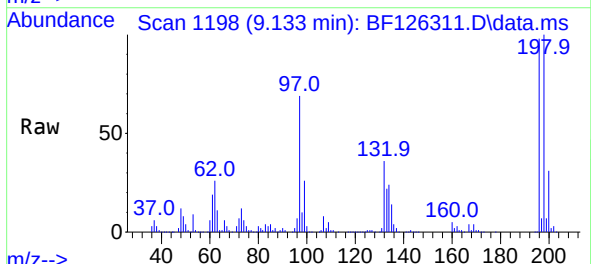
Tgt Ion:196 Resp: 29313
Ion Ratio Lower Upper
196 100
198 102.7 74.9 112.3
200 32.2 27.0 40.4

Manual Integrations
APPROVED

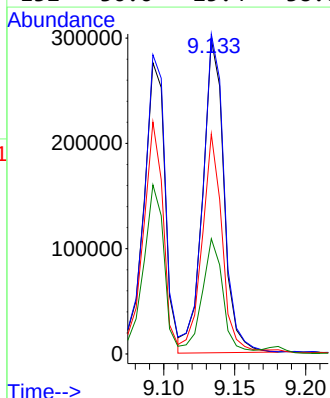
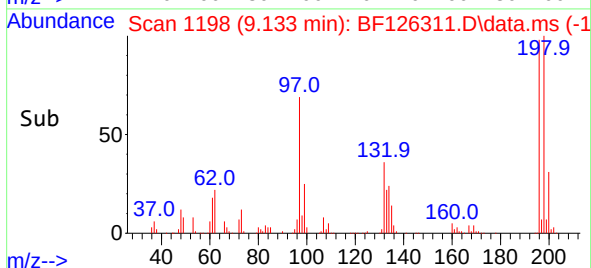
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

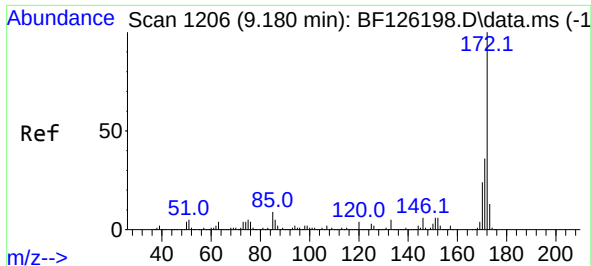


#44
2,4,5-Trichlorophenol
Concen: 45.985 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



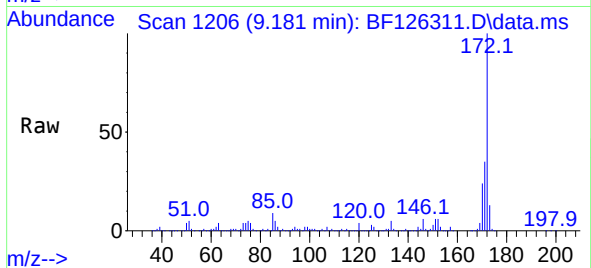
Tgt Ion:196 Resp: 310022
Ion Ratio Lower Upper
196 100
198 101.7 80.2 120.2
97 69.9 44.0 66.0#
132 36.6 25.4 38.0





#45
2-Fluorobiphenyl
Concen: 67.395 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

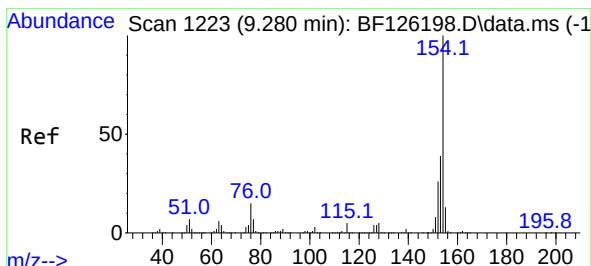
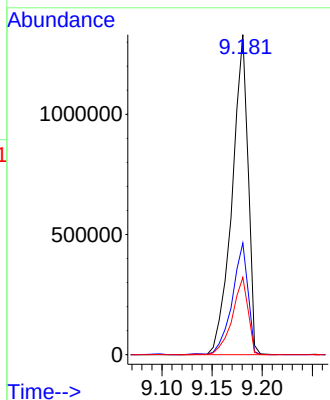
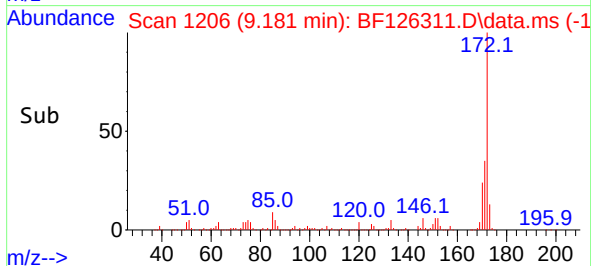
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



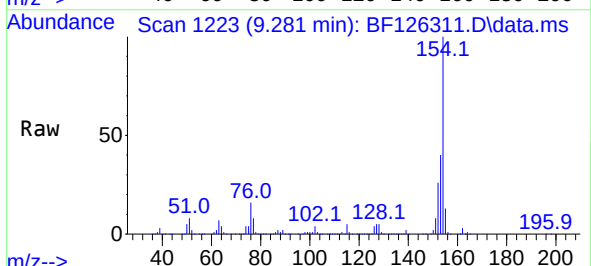
Tgt Ion:172 Resp: 1473468
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 24.1 18.8 28.2

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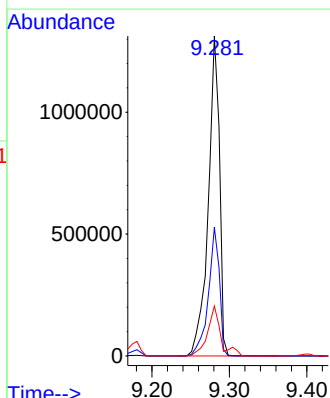
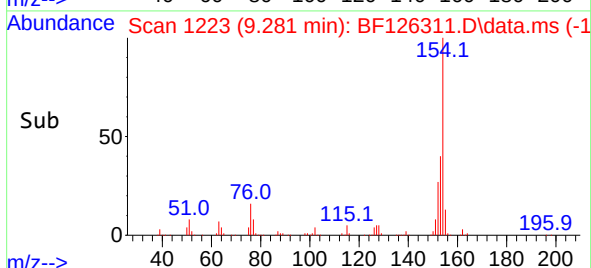
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

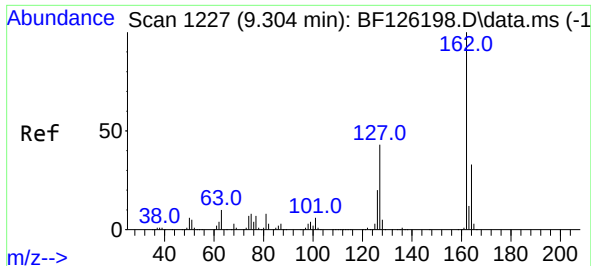


#46
1,1'-Biphenyl
Concen: 46.530 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



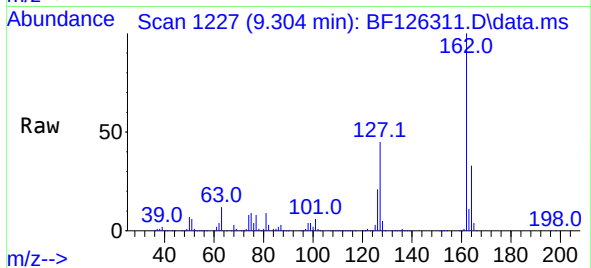
Tgt Ion:154 Resp: 1319242
Ion Ratio Lower Upper
154 100
153 40.2 20.0 60.0
76 15.6 0.0 30.3





#47
2-Chloronaphthalene
Concen: 45.560 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

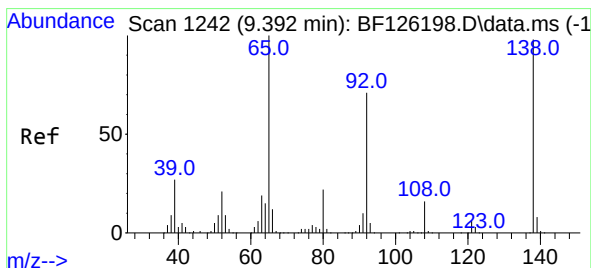
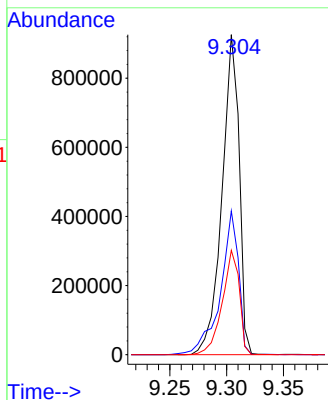
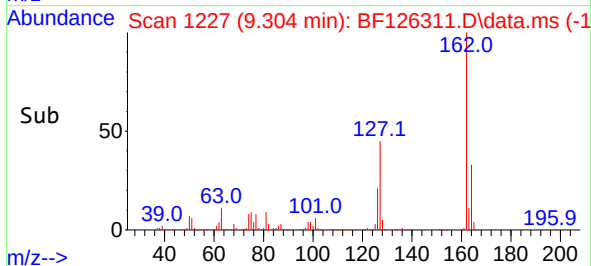
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



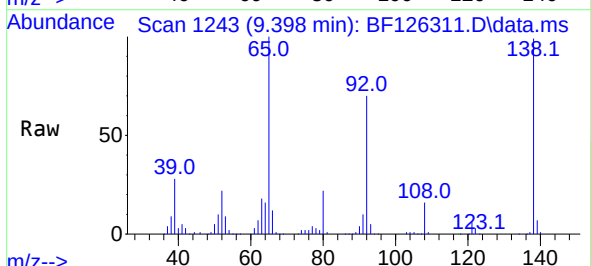
Tgt Ion:162 Resp: 97189
Ion Ratio Lower Upper
162 100
127 44.9 33.0 49.4
164 32.6 25.8 38.8

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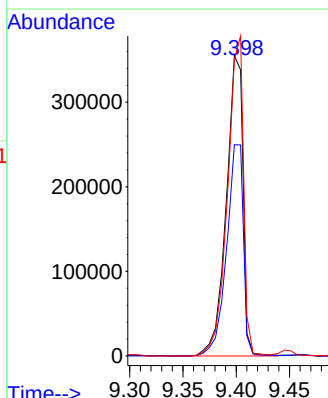
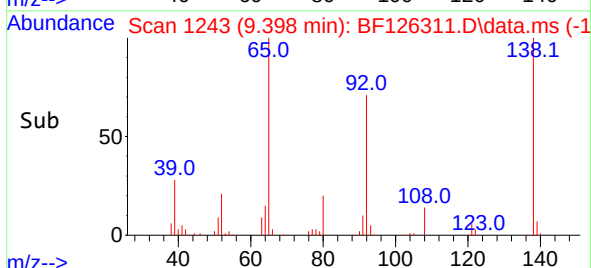
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

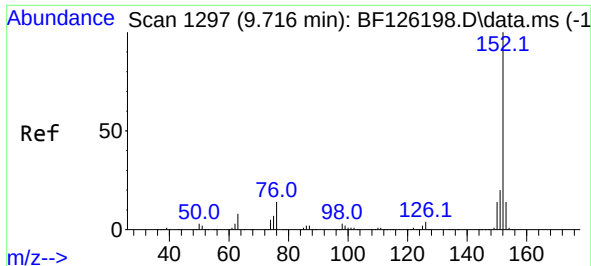


#48
2-Nitroaniline
Concen: 49.813 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



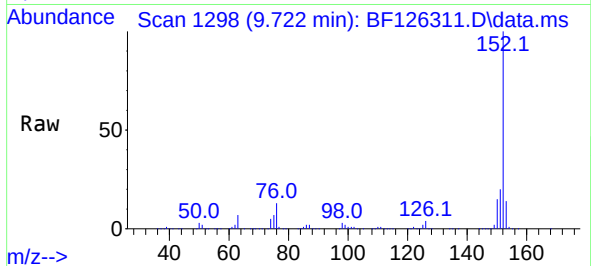
Tgt Ion: 65 Resp: 387856
Ion Ratio Lower Upper
65 100
92 70.3 55.5 83.3
138 98.7 93.5 140.3





#49
Acenaphthylene
Concen: 47.041 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

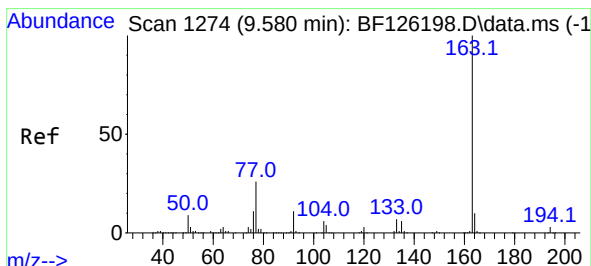
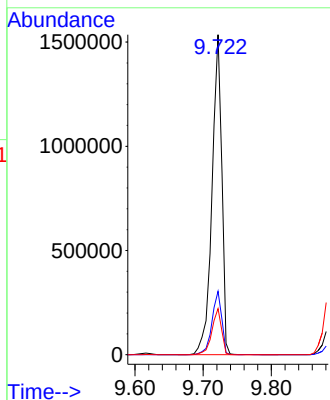
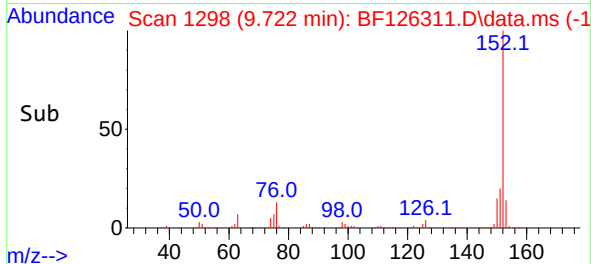
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



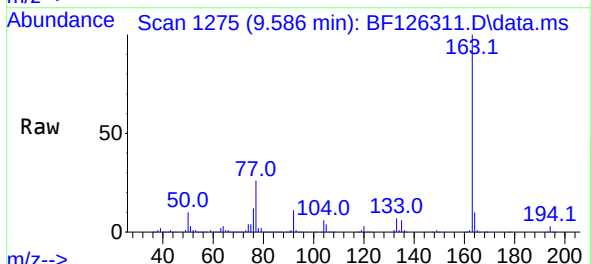
Tgt Ion:152 Resp: 1533370
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 14.4 9.8 14.8

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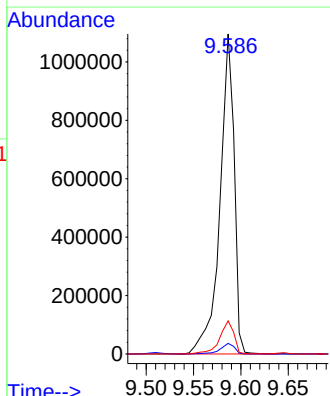
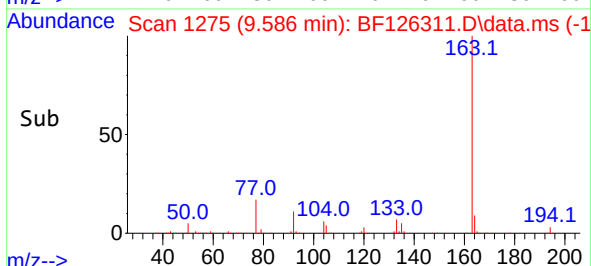
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

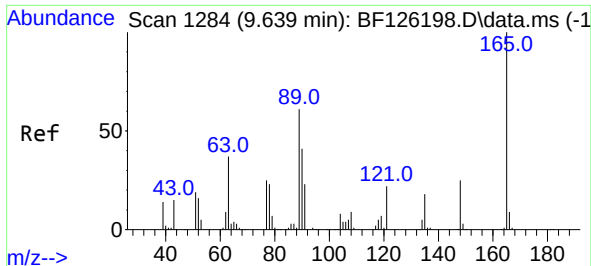


#50
Dimethylphthalate
Concen: 47.308 ng
RT: 9.586 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



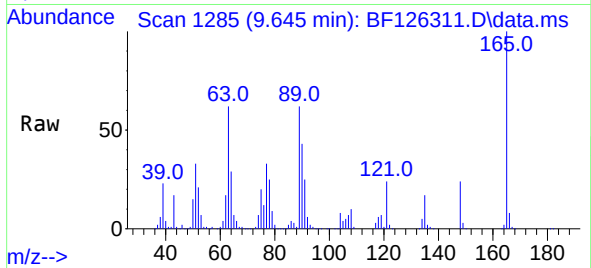
Tgt Ion:163 Resp: 1149106
Ion Ratio Lower Upper
163 100
194 3.3 2.6 3.8
164 10.3 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 50.096 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

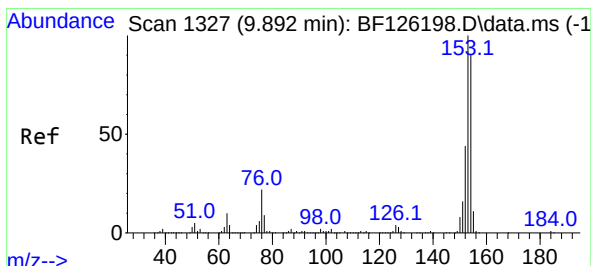
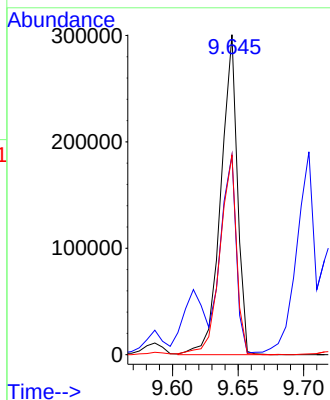
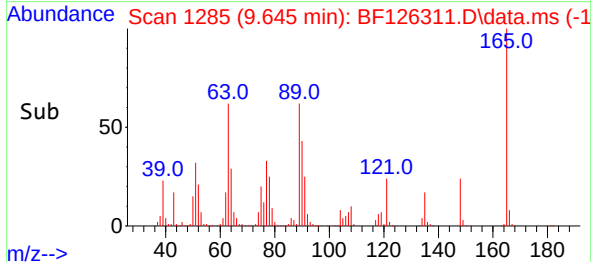
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



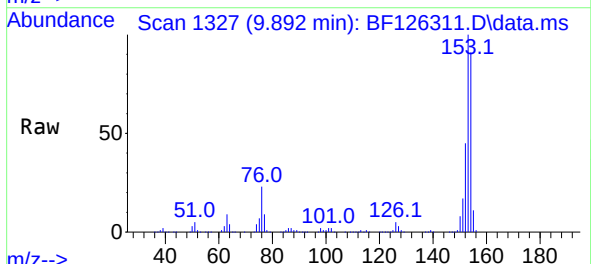
Tgt Ion:165 Resp: 263374
Ion Ratio Lower Upper
165 100
63 62.4 42.6 63.8
89 62.3 40.6 60.8

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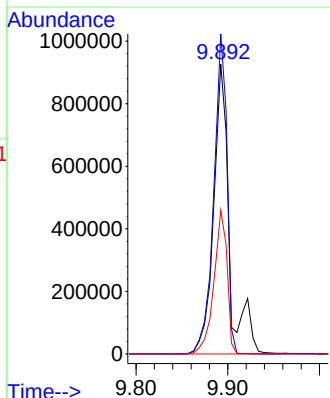
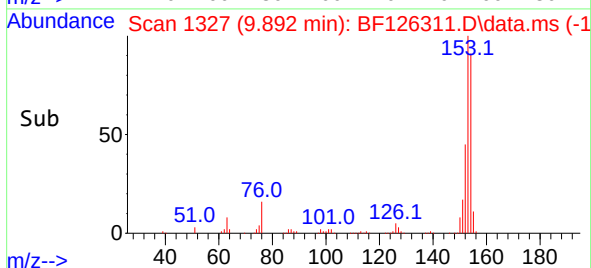
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

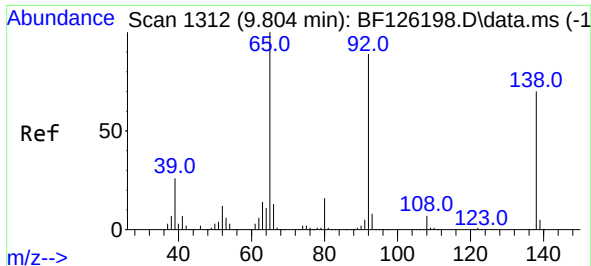


#52
Acenaphthene
Concen: 52.111 ng m
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



Tgt Ion:154 Resp: 1101563
Ion Ratio Lower Upper
154 100
153 110.4 89.4 134.2
152 49.6 40.5 60.7





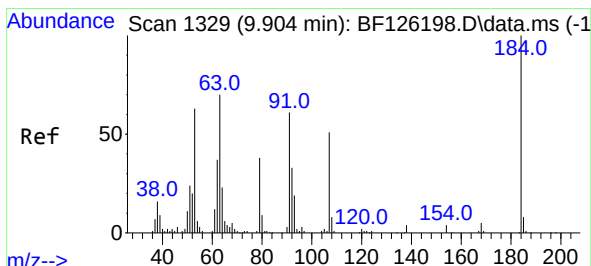
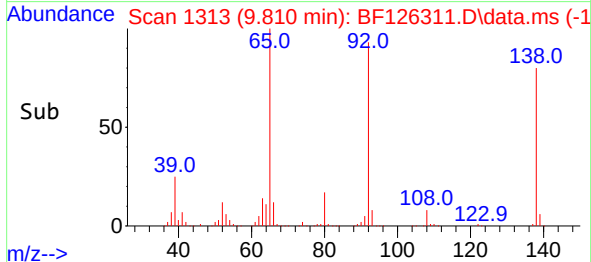
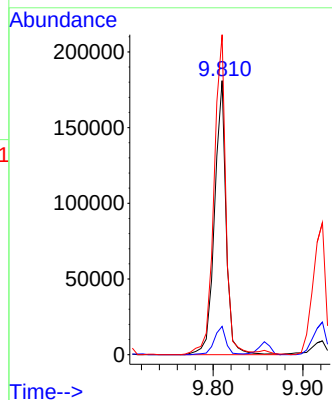
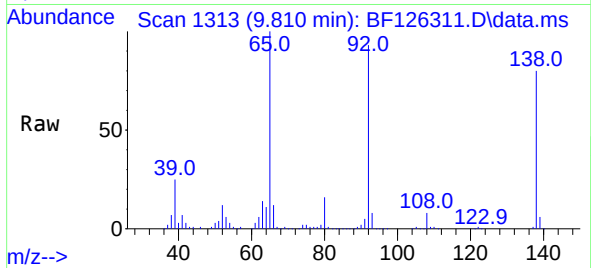
#53
3-Nitroaniline
Concen: 24.210 ng
RT: 9.810 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

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

Tgt Ion:138 Resp: 16177
Ion Ratio Lower Upper
138 100
108 10.3 9.3 13.9
92 116.8 76.5 114.7

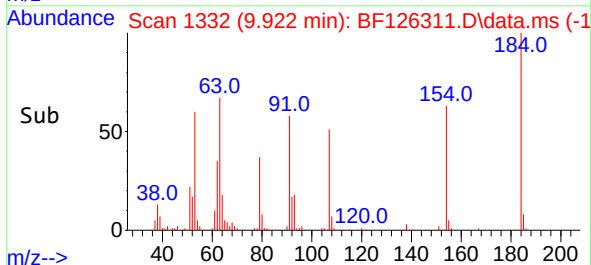
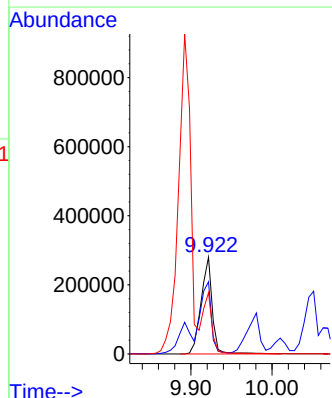
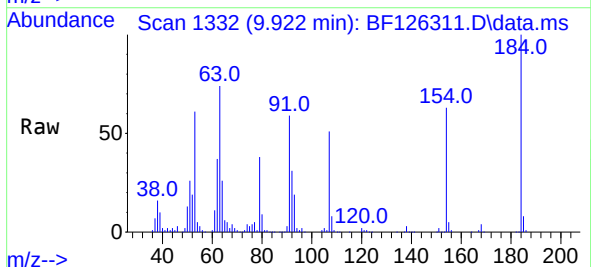
Manual Integrations
APPROVED

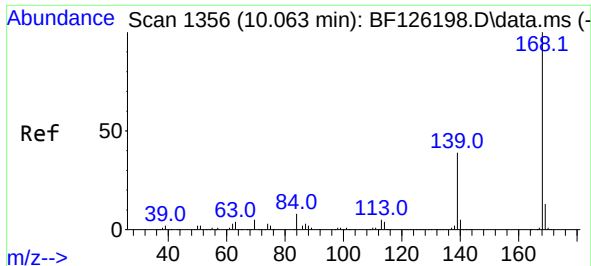
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#54
2,4-Dinitrophenol
Concen: 124.928 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.018 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

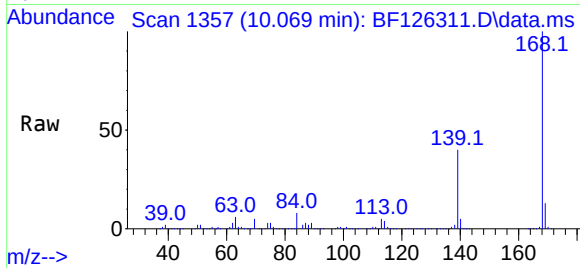
Tgt Ion:184 Resp: 270436
Ion Ratio Lower Upper
184 100
63 74.5 59.3 88.9
154 63.4 68.6 102.8





#55
Dibenzenofuran
Concen: 44.978 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

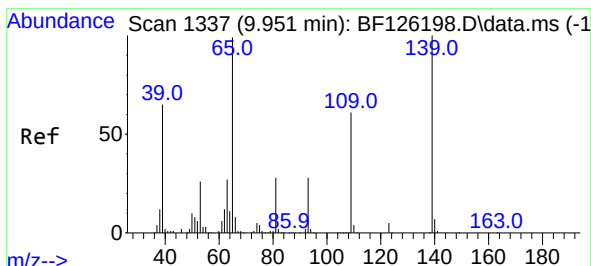
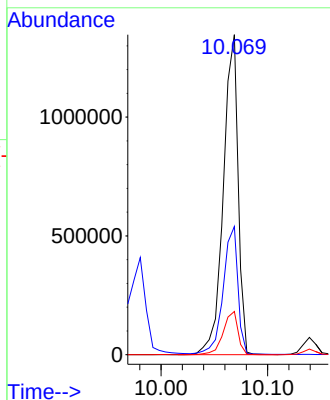
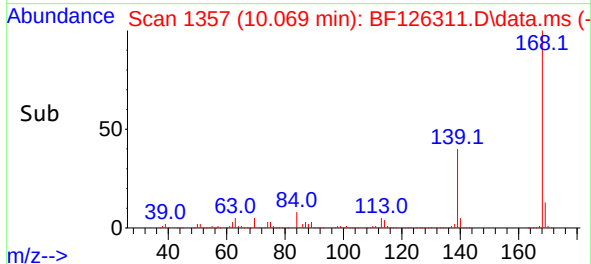
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:168 Resp: 1294479
Ion Ratio Lower Upper
168 100
139 40.1 32.7 49.1
169 13.5 11.2 16.8

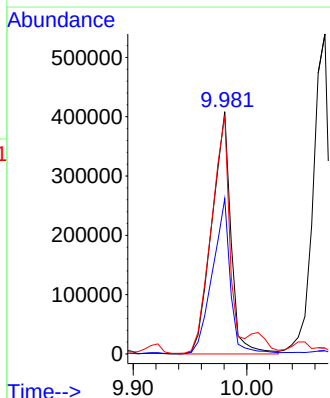
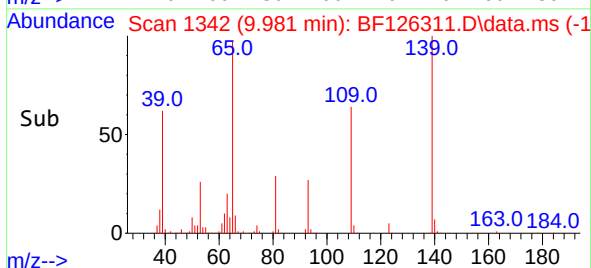
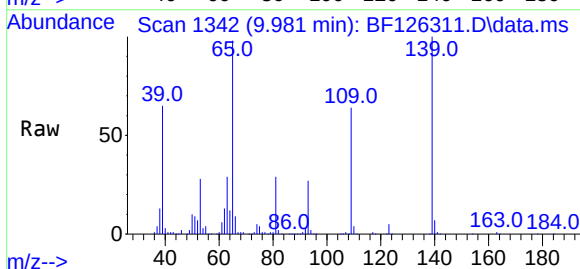
Manual Integrations
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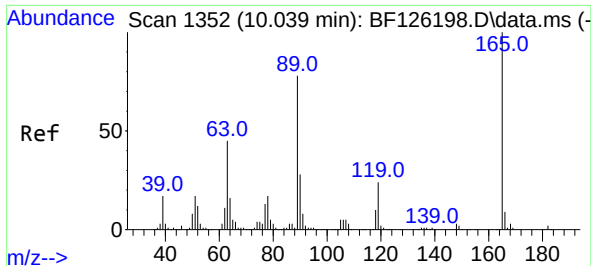
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#56
4-Nitrophenol
Concen: 98.974 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.030 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

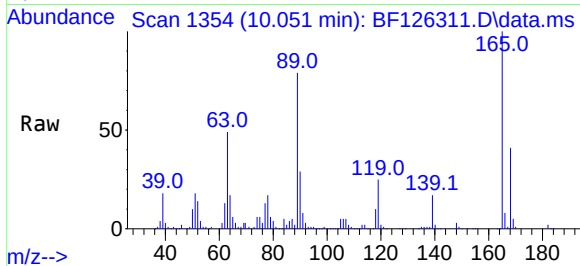
Tgt Ion:139 Resp: 477730
Ion Ratio Lower Upper
139 100
109 64.1 60.4 100.4
65 98.4 58.4 98.4





#57
2,4-Dinitrotoluene
Concen: 51.169 ng
RT: 10.051 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

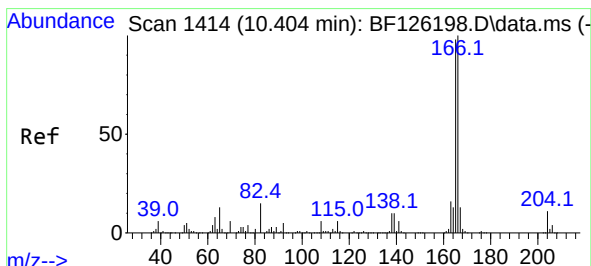
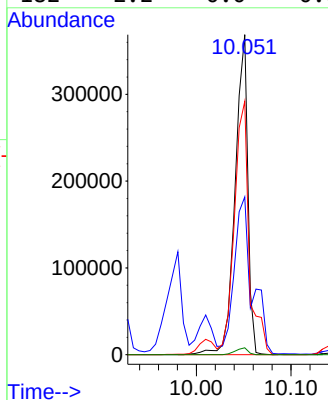
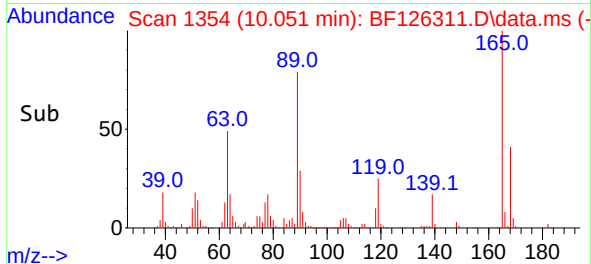
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:165 Resp: 343159
Ion Ratio Lower Upper
165 100
63 49.3 40.9 61.3
89 79.2 59.7 89.5
182 2.2 0.0 0.0#

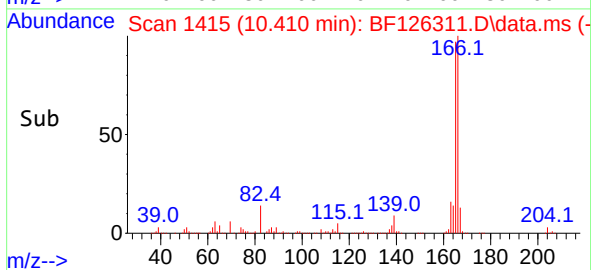
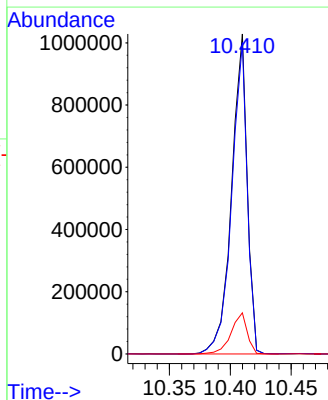
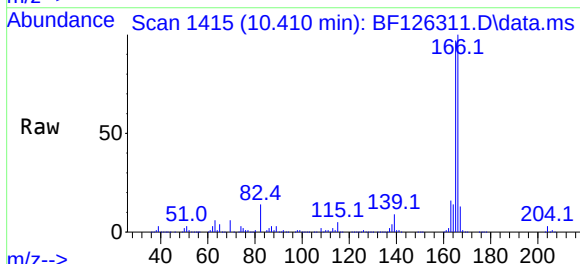
Manual Integrations
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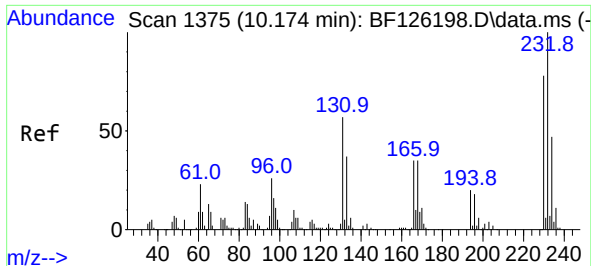
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#58
Fluorene
Concen: 44.164 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

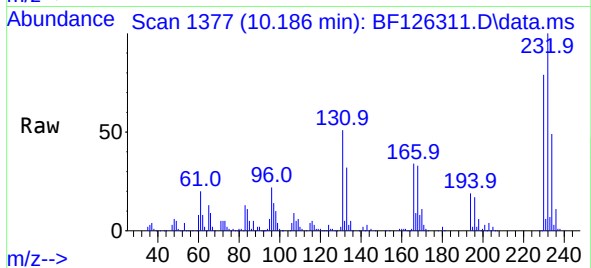
Tgt Ion:166 Resp: 920175
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 12.8 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.027 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

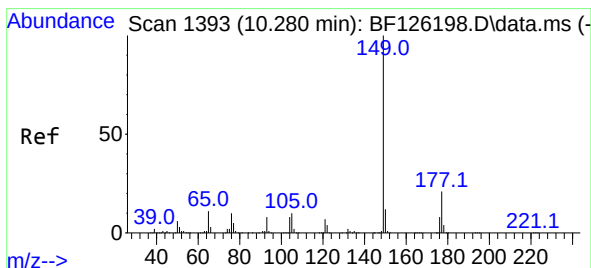
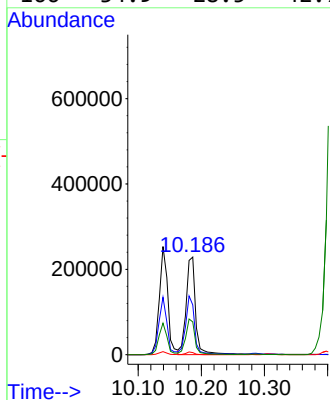
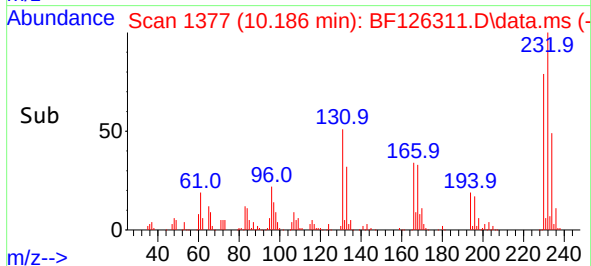
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



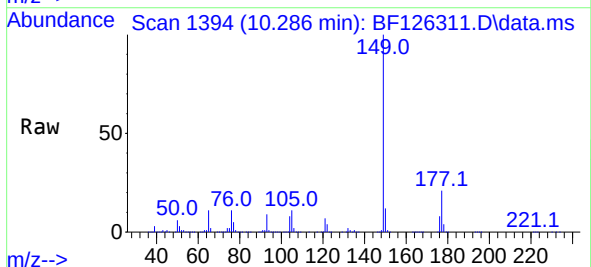
Tgt Ion:232 Resp: 240071
Ion Ratio Lower Upper
232 100
131 54.5 45.4 68.0
130 2.5 0.0 0.0
166 34.9 28.5 42.7

Manual Integrations
APPROVED

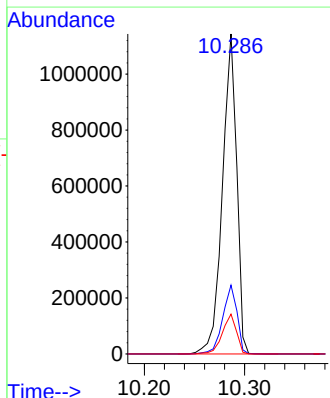
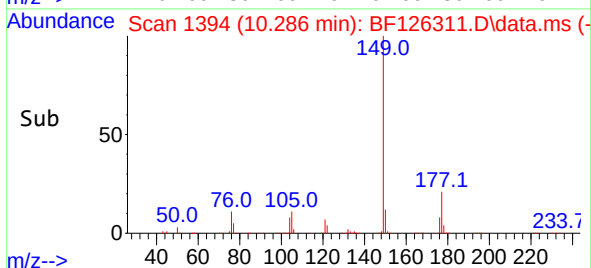
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

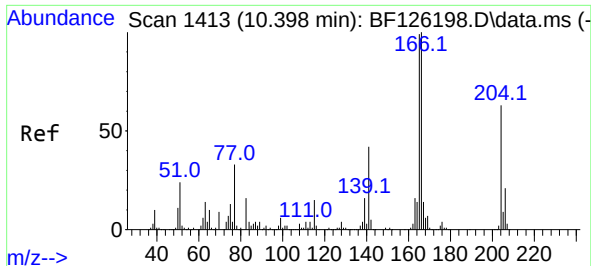


#60
Diethylphthalate
Concen: 46.140 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



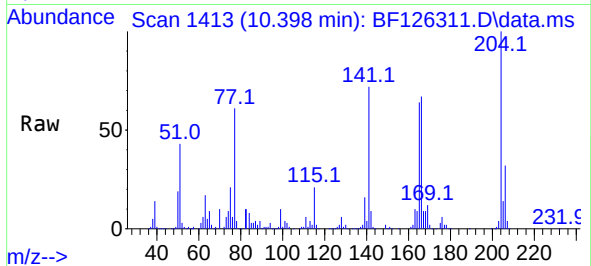
Tgt Ion:149 Resp: 1126271
Ion Ratio Lower Upper
149 100
177 21.5 16.5 24.7
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.210 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

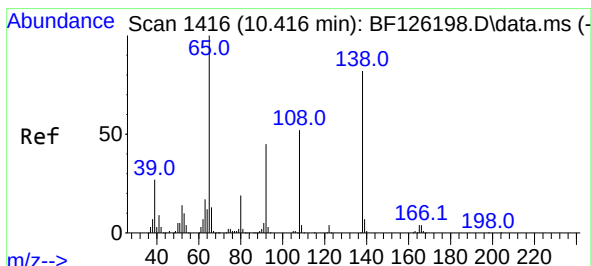
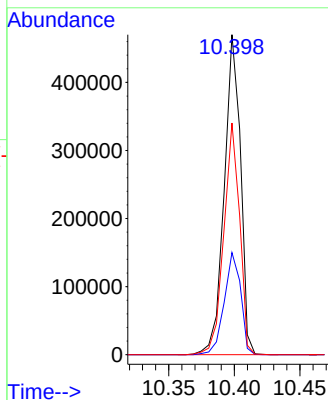
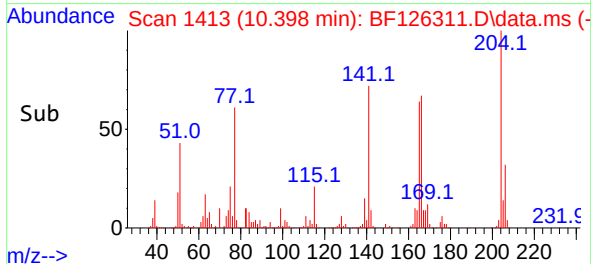
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



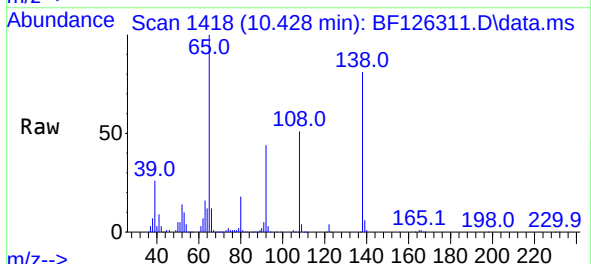
Tgt Ion:204 Resp: 405359
Ion Ratio Lower Upper
204 100
206 31.9 27.6 41.4
141 72.4 58.6 88.0

Manual Integrations
APPROVED

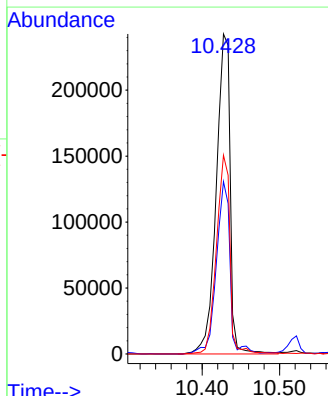
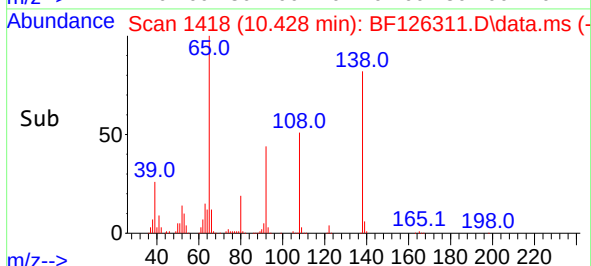
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

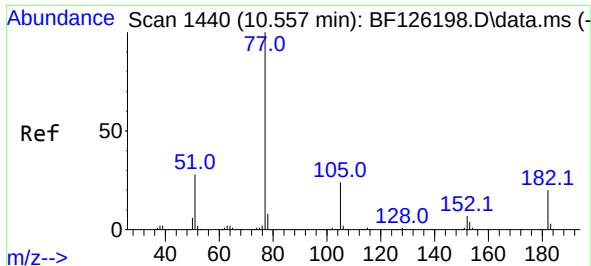


#62
4-Nitroaniline
Concen: 54.075 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



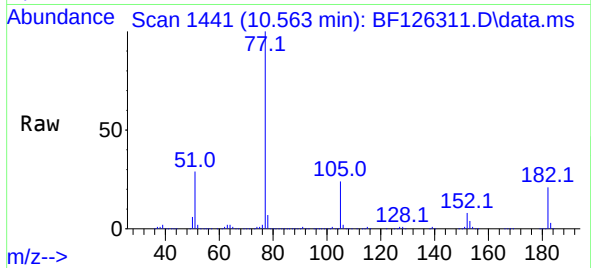
Tgt Ion:138 Resp: 303122
Ion Ratio Lower Upper
138 100
92 53.8 29.6 69.6
108 62.1 78.1 118.1#





#63
Azobenzene
Concen: 45.002 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

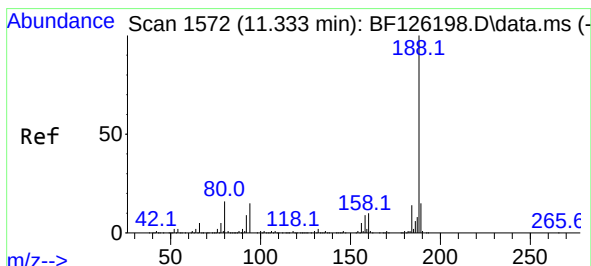
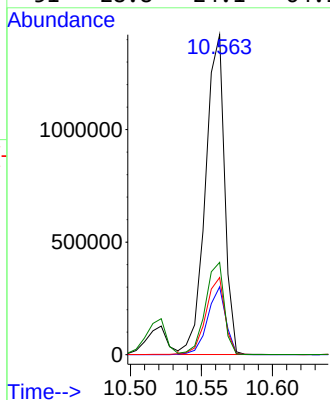
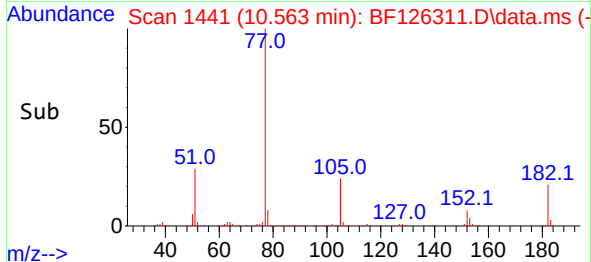
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



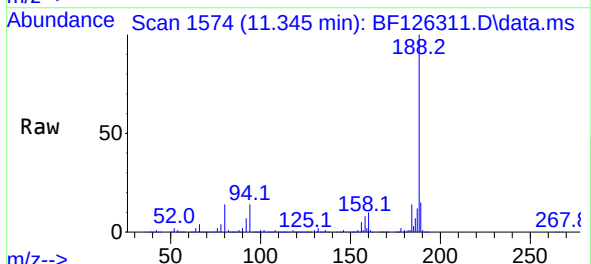
Tgt Ion: 77 Resp: 1330520
Ion Ratio Lower Upper
77 100
182 21.2 6.3 46.3
105 24.1 2.9 42.9
51 28.8 24.1 64.1

Manual Integrations
APPROVED

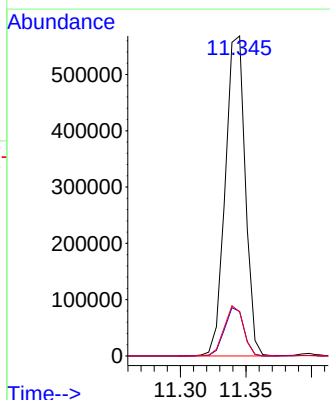
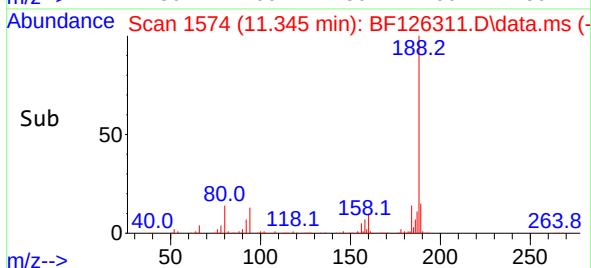
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

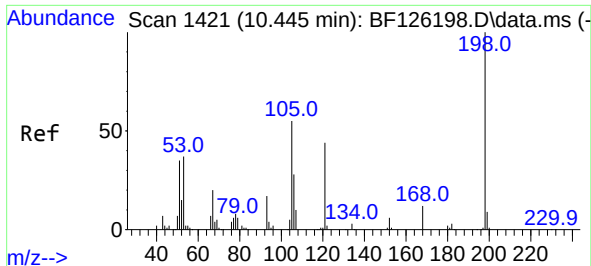


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



Tgt Ion:188 Resp: 603255
Ion Ratio Lower Upper
188 100
94 13.9 6.7 10.1#
80 13.8 7.5 11.3#





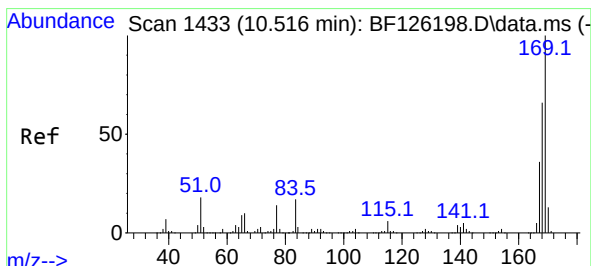
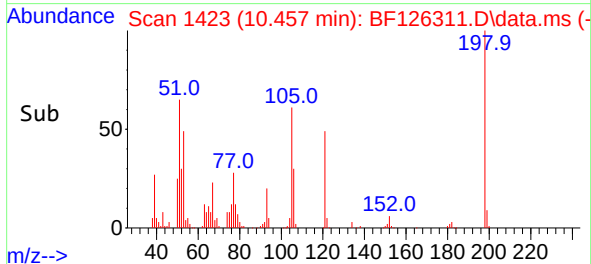
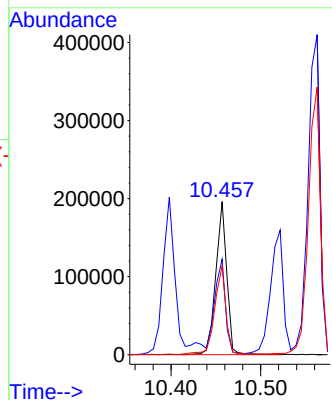
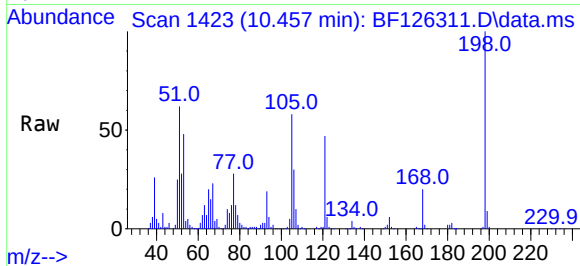
#65
4,6-Dinitro-2-methylphenol
Concen: 50.697 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

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

Tgt Ion:198 Resp: 167000
Ion Ratio Lower Upper
198 100
51 62.2 45.3 85.3
105 57.8 30.6 70.6

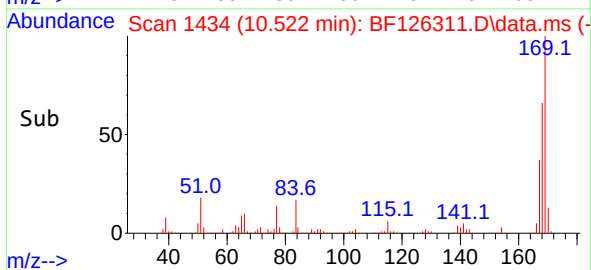
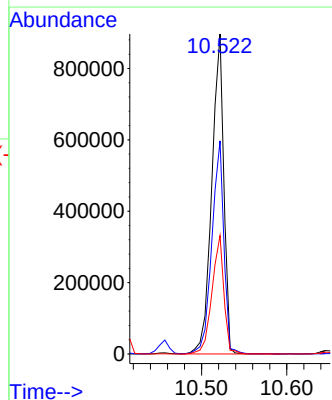
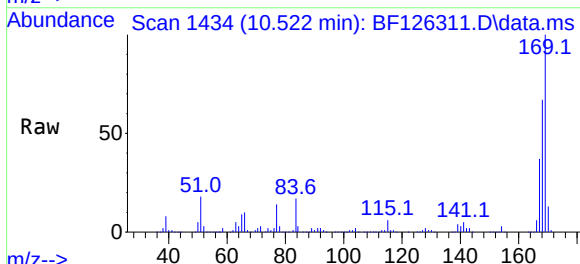
Manual Integrations
APPROVED

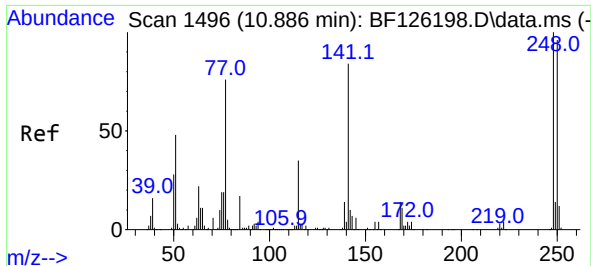
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#66
n-Nitrosodiphenylamine
Concen: 45.425 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

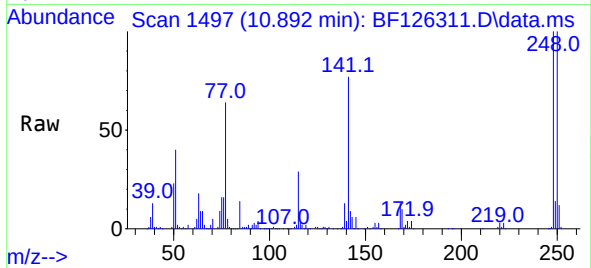
Tgt Ion:169 Resp: 879443
Ion Ratio Lower Upper
169 100
168 66.6 50.8 76.2
167 37.0 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 45.964 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

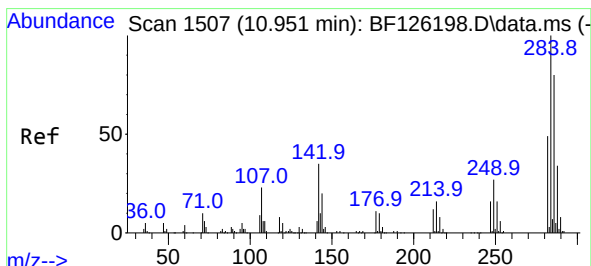
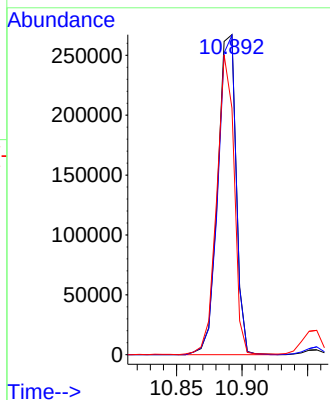
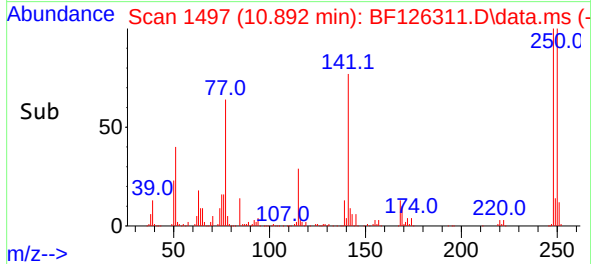
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



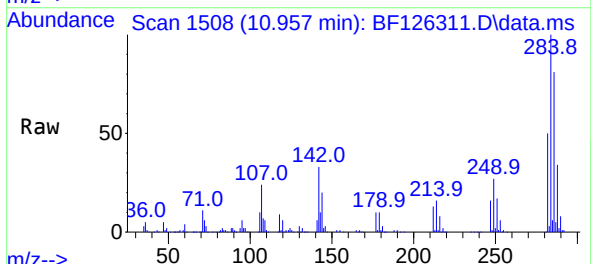
Tgt Ion:248 Resp: 260231
Ion Ratio Lower Upper
248 100
250 99.8 74.2 111.4
141 77.0 60.4 90.6

Manual Integrations
APPROVED

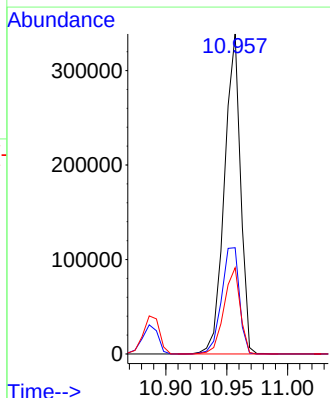
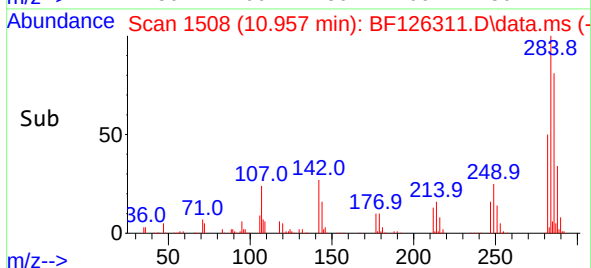
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

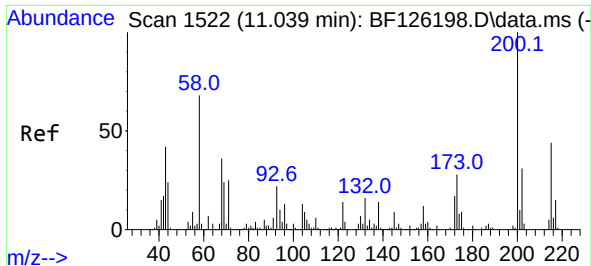


#68
Hexachlorobenzene
Concen: 47.855 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



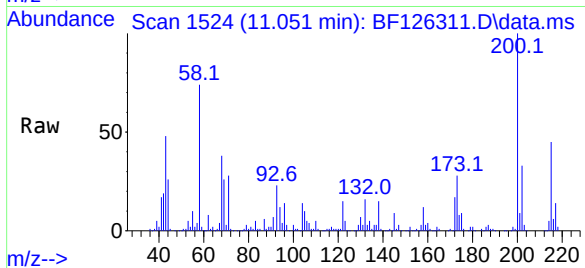
Tgt Ion:284 Resp: 311609
Ion Ratio Lower Upper
284 100
142 33.2 36.4 54.6#
249 26.9 25.6 38.4





#69
 Atrazine
 Concen: 76.552 ng
 RT: 11.051 min Scan# 1541
 Delta R.T. 0.012 min
 Lab File: BF126311.D
 Acq: 21 Dec 2021 22:51

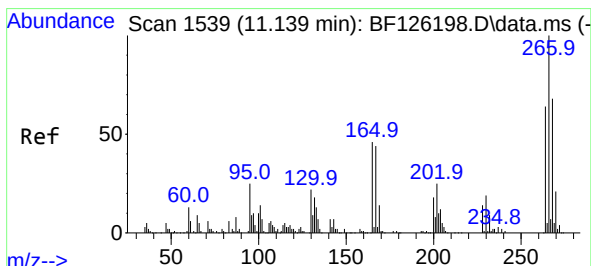
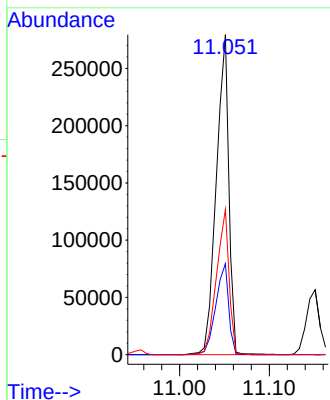
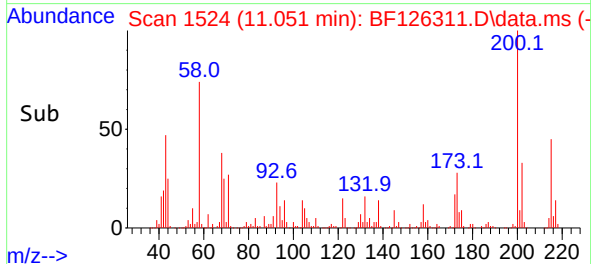
Instrument :
 BNA_F
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-EASTMSD



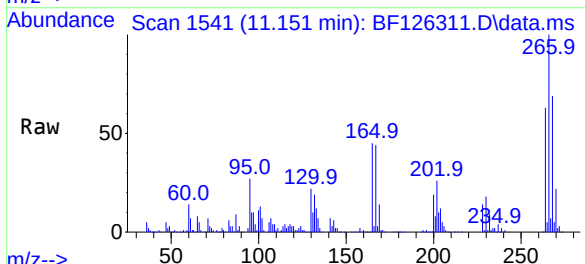
Tgt Ion:200 Resp: 271600
 Ion Ratio Lower Upper
 200 100
 173 28.4 11.1 51.1
 215 45.4 22.7 62.7

Manual Integrations
 APPROVED

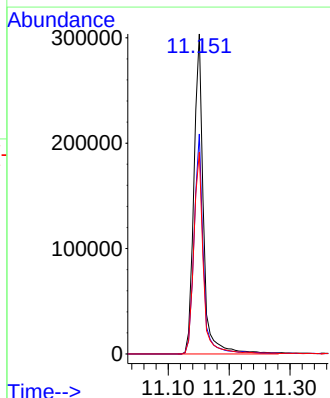
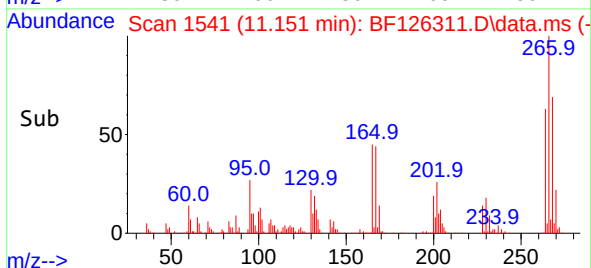
Reviewed By :Jagrut Upadhyay 12/22/2021
 Supervised By :mohammad ahmed 12/27/2021

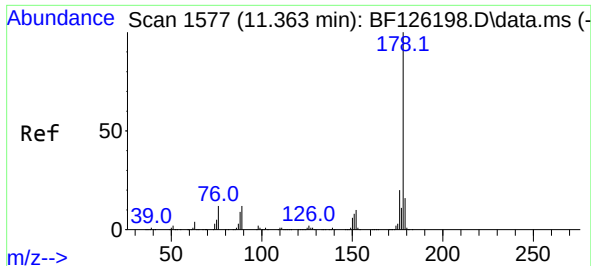


#70
 Pentachlorophenol
 Concen: 91.421 ng
 RT: 11.151 min Scan# 1541
 Delta R.T. 0.012 min
 Lab File: BF126311.D
 Acq: 21 Dec 2021 22:51



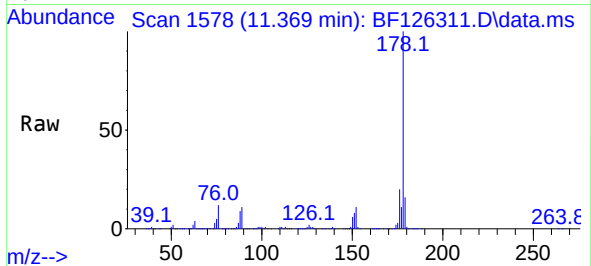
Tgt Ion:266 Resp: 330255
 Ion Ratio Lower Upper
 266 100
 268 68.8 48.9 73.3
 264 63.0 55.9 83.9





#71
Phenanthrene
Concen: 45.097 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

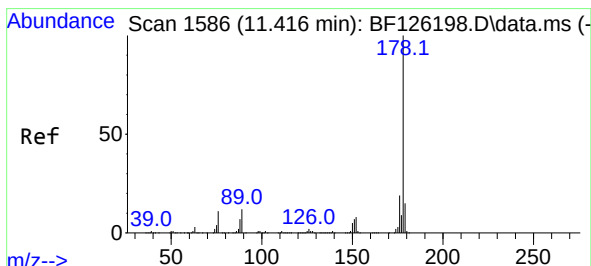
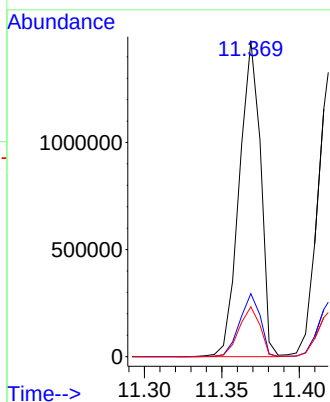
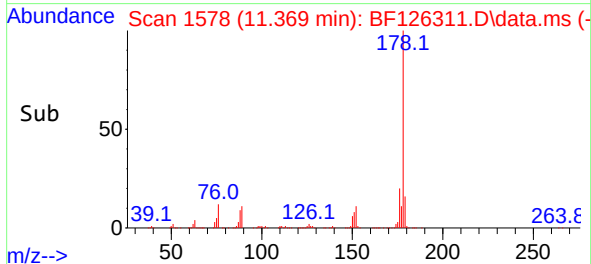
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



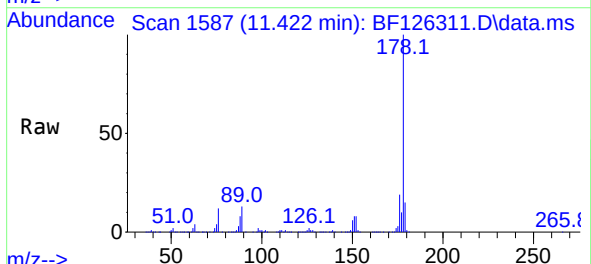
Tgt Ion:178 Resp: 140414
Ion Ratio Lower Upper
178 100
176 20.0 14.7 22.1
179 15.8 11.5 17.3

Manual Integrations
APPROVED

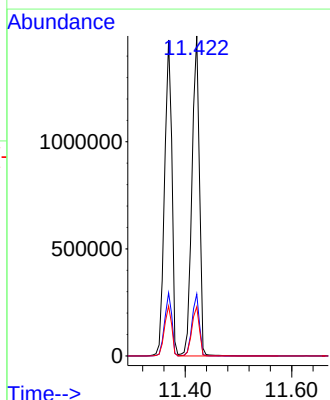
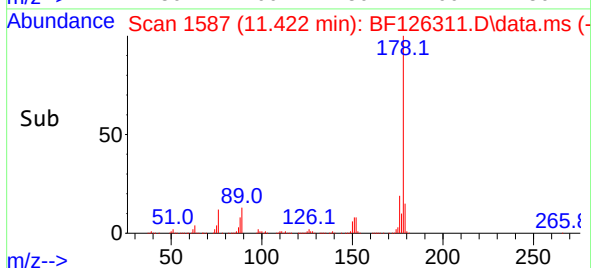
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

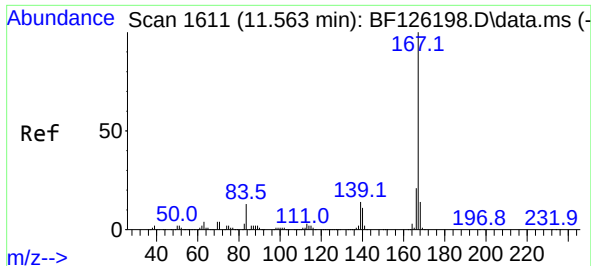


#72
Anthracene
Concen: 46.814 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



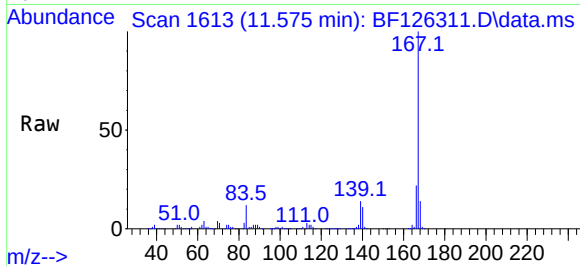
Tgt Ion:178 Resp: 1462994
Ion Ratio Lower Upper
178 100
176 19.3 14.3 21.5
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 44.967 ng
 RT: 11.575 min Scan# 1613
 Delta R.T. 0.012 min
 Lab File: BF126311.D
 Acq: 21 Dec 2021 22:51

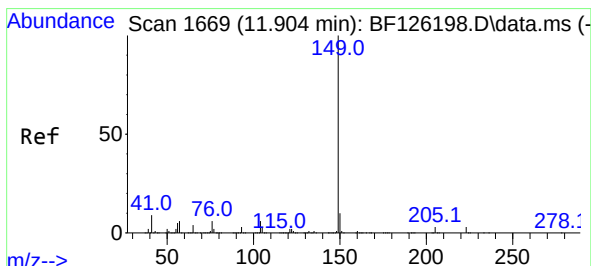
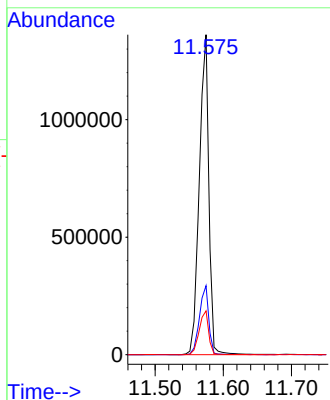
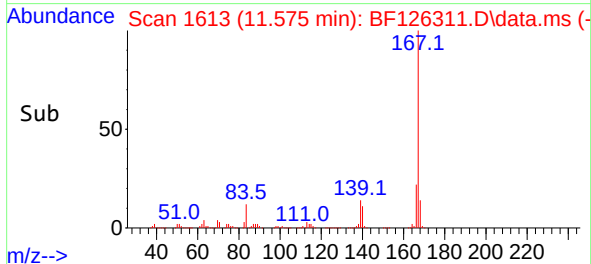
Instrument :
 BNA_F
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-EASTMSD



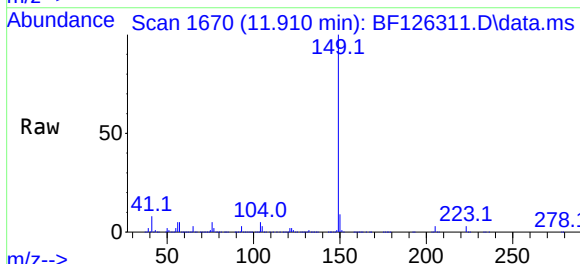
Tgt Ion:167 Resp: 1323418
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.7 11.0 16.4

Manual Integrations
 APPROVED

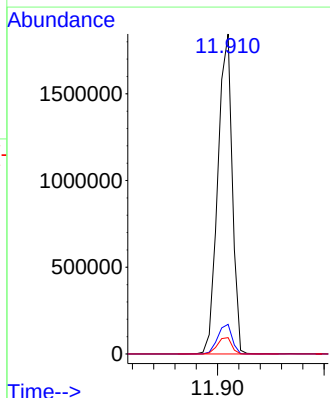
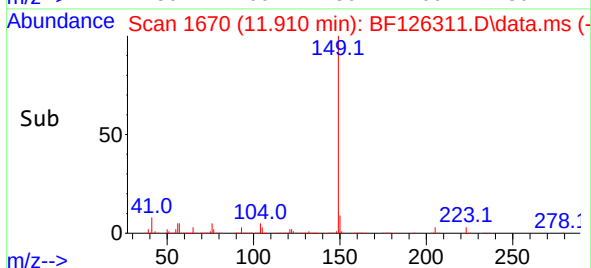
Reviewed By :Jagrut Upadhyay 12/22/2021
 Supervised By :mohammad ahmed 12/27/2021

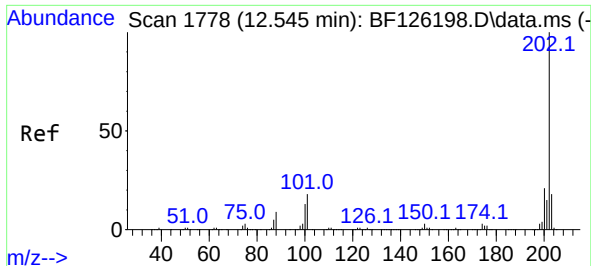


#74
 Di-n-butylphthalate
 Concen: 46.253 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. 0.006 min
 Lab File: BF126311.D
 Acq: 21 Dec 2021 22:51



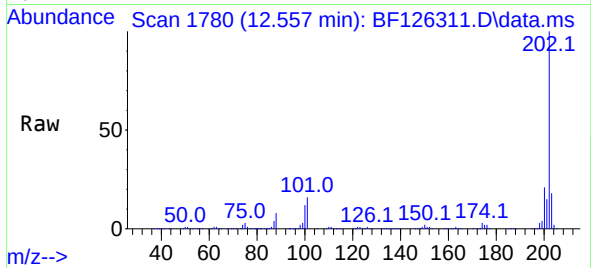
Tgt Ion:149 Resp: 1725662
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 47.718 ng
RT: 12.557 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

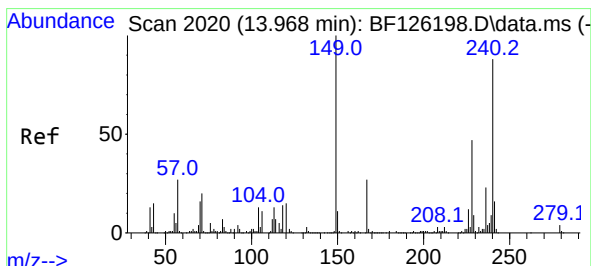
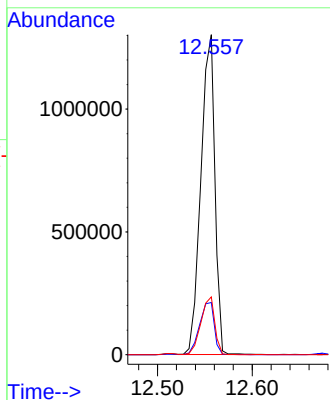
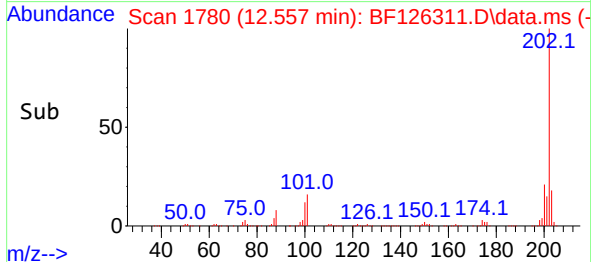
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



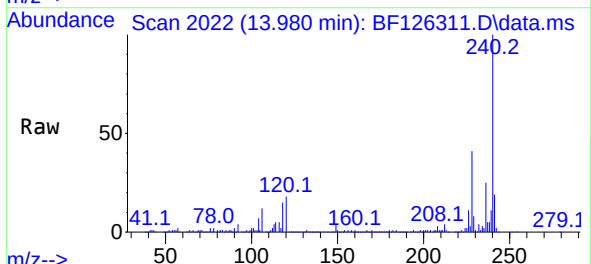
Tgt Ion:202 Resp: 1338620
Ion Ratio Lower Upper
202 100
101 16.3 0.0 30.7
203 18.0 0.0 36.3

Manual Integrations
APPROVED

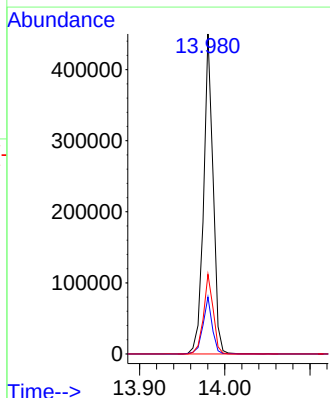
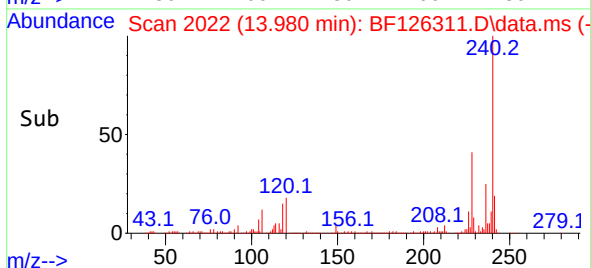
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

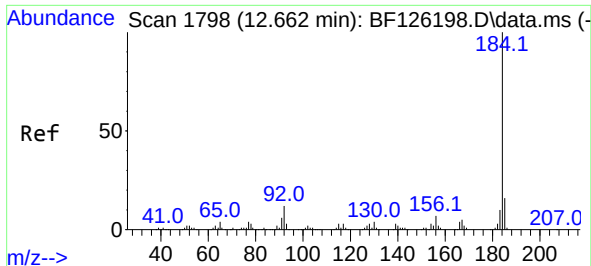


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



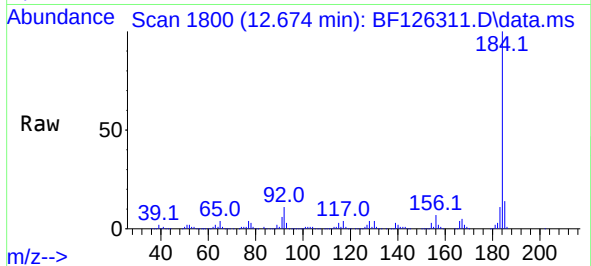
Tgt Ion:240 Resp: 347217
Ion Ratio Lower Upper
240 100
120 17.8 10.8 16.2#
236 24.9 21.6 32.4





#77
Benzidine
Concen: 121.372 ng
RT: 12.674 min Scan# 1819
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

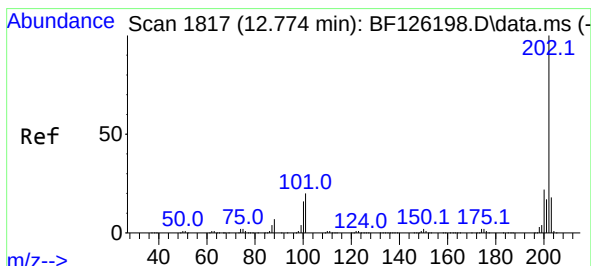
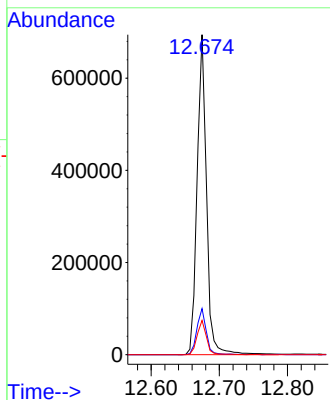
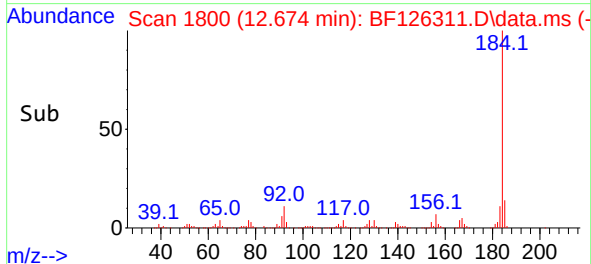
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:184 Resp: 664390
Ion Ratio Lower Upper
184 100
185 14.4 10.8 16.2
183 10.7 8.1 12.1

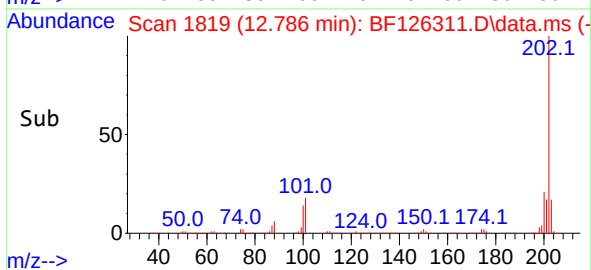
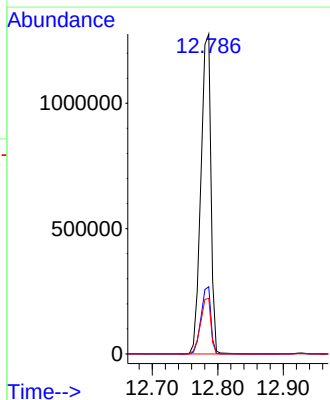
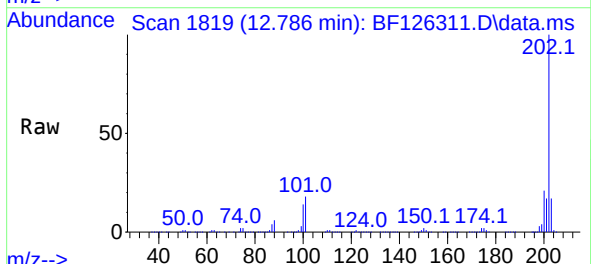
Manual Integrations
APPROVED

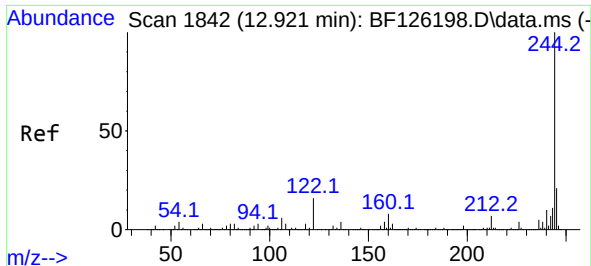
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#78
Pyrene
Concen: 42.644 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

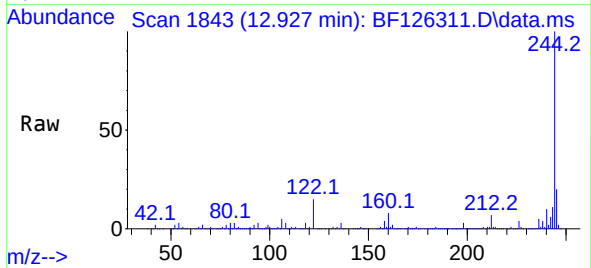
Tgt Ion:202 Resp: 1360314
Ion Ratio Lower Upper
202 100
200 21.0 15.3 22.9
203 17.3 13.4 20.0





#79
Terphenyl-d14
Concen: 62.666 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

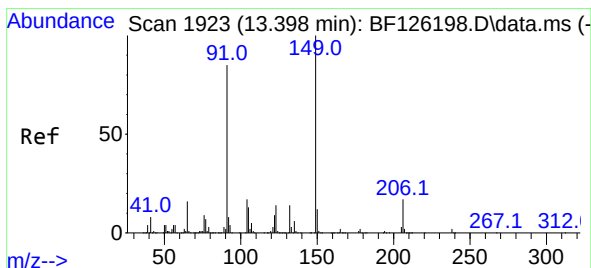
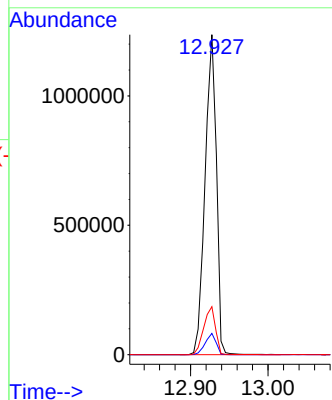
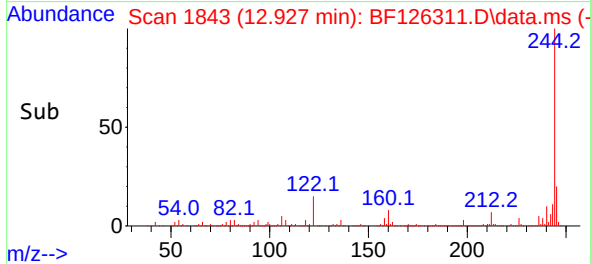
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:244 Resp: 1251850
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 15.0 9.0 13.4

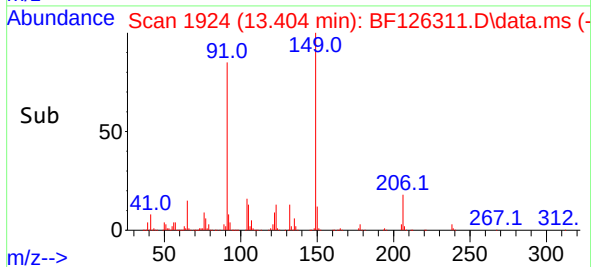
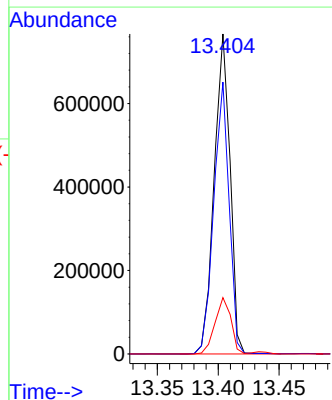
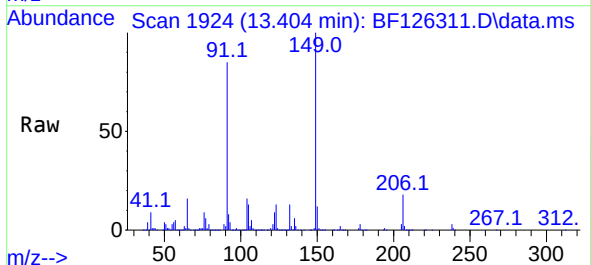
Manual Integrations
APPROVED

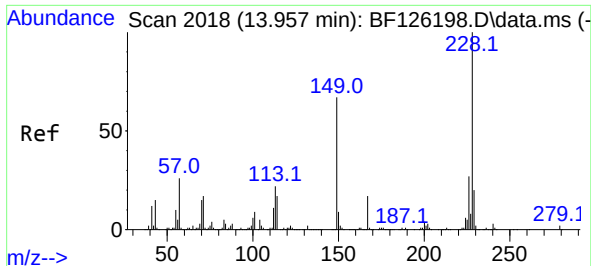
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#80
Butylbenzylphthalate
Concen: 46.093 ng
RT: 13.404 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

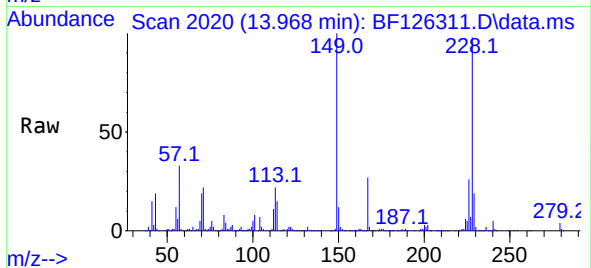
Tgt Ion:149 Resp: 691921
Ion Ratio Lower Upper
149 100
91 85.0 51.8 77.8#
206 17.6 14.5 21.7





#81
Benzo(a)anthracene
Concen: 42.889 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

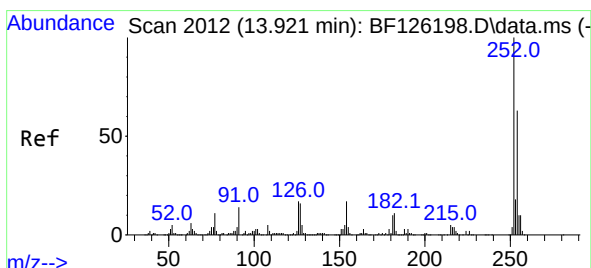
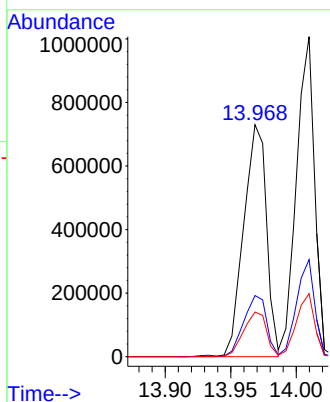
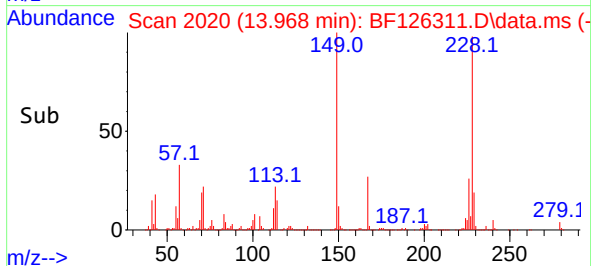
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



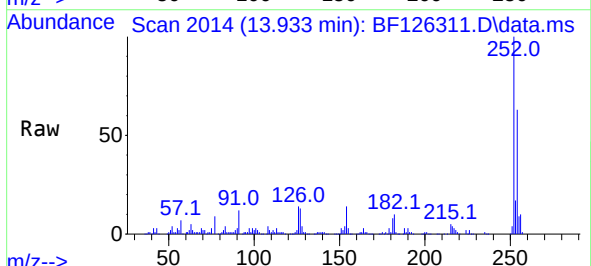
Tgt Ion:228 Resp: 882110
Ion Ratio Lower Upper
228 100
226 26.4 21.6 32.4
229 19.2 15.6 23.4

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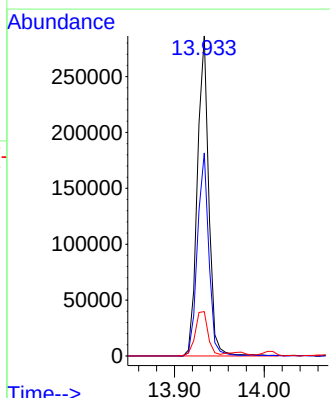
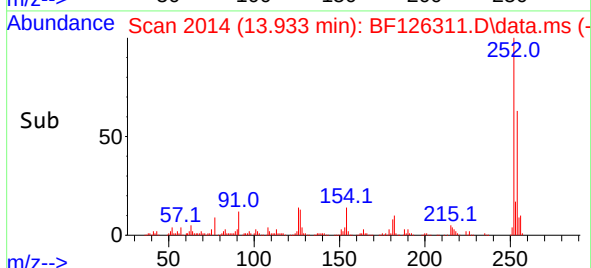
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

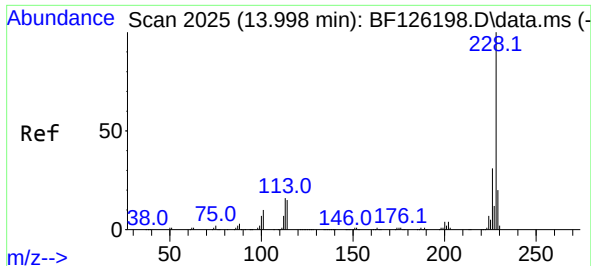


#82
3,3'-Dichlorobenzidine
Concen: 26.937 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



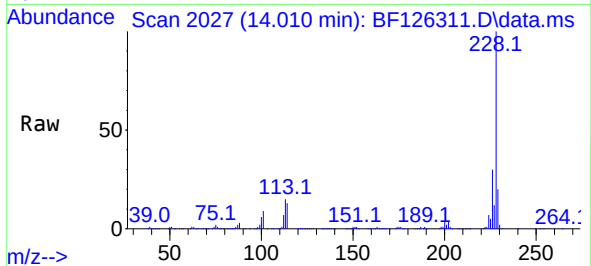
Tgt Ion:252 Resp: 253102
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.0
126 13.8 9.5 14.3





#83
Chrysene
Concen: 45.576 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

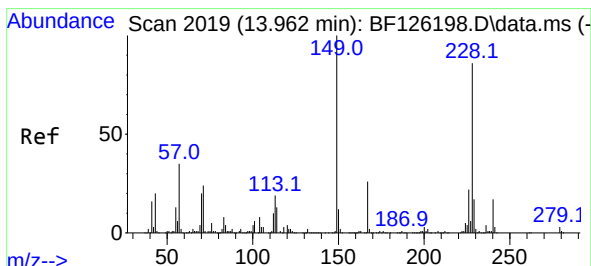
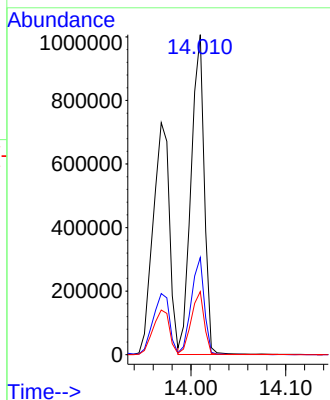
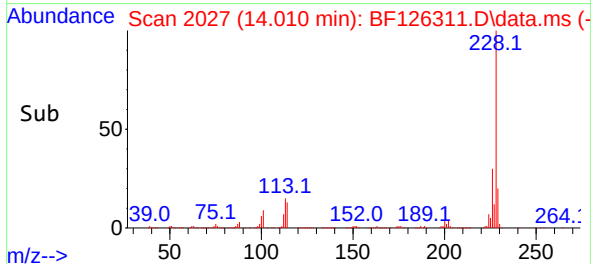
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



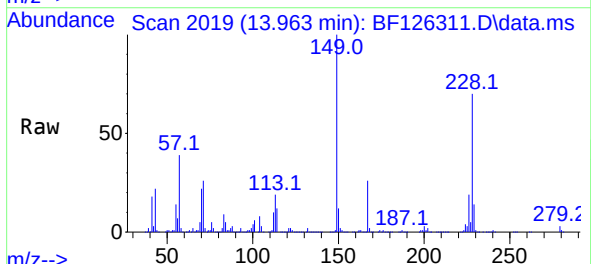
Tgt Ion:228 Resp: 973920
Ion Ratio Lower Upper
228 100
226 30.3 22.6 34.0
229 19.7 15.9 23.9

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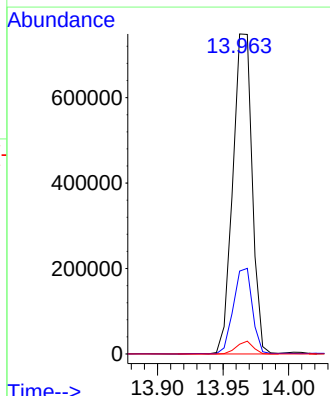
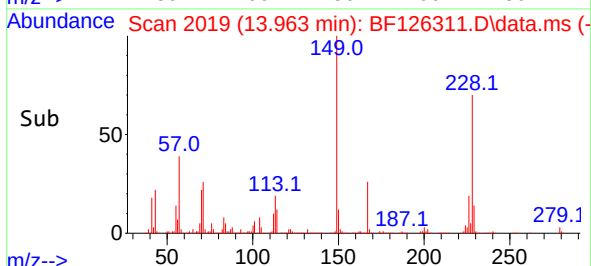
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

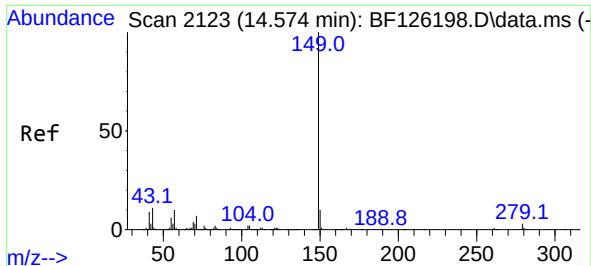


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.960 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



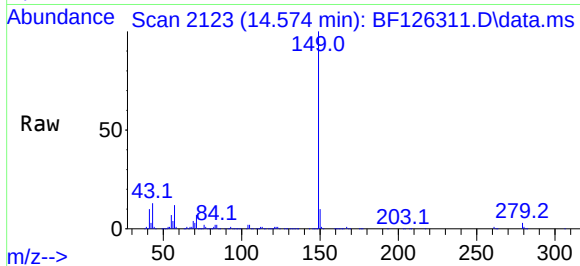
Tgt Ion:149 Resp: 770963
Ion Ratio Lower Upper
149 100
167 25.9 21.4 32.0
279 3.1 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 50.078 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

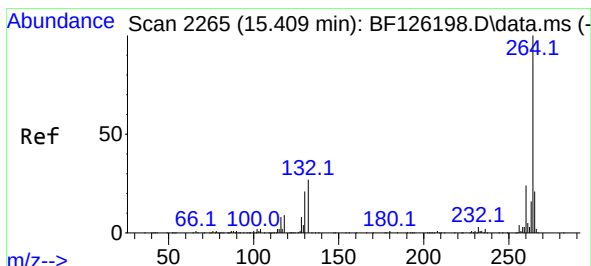
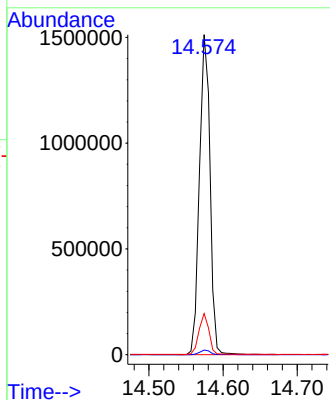
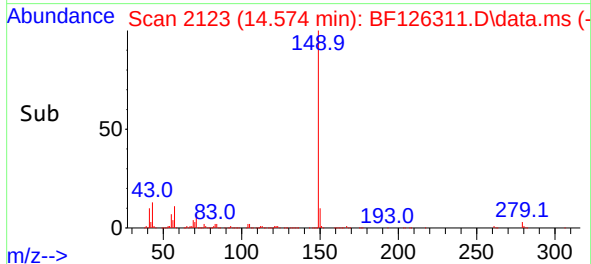
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



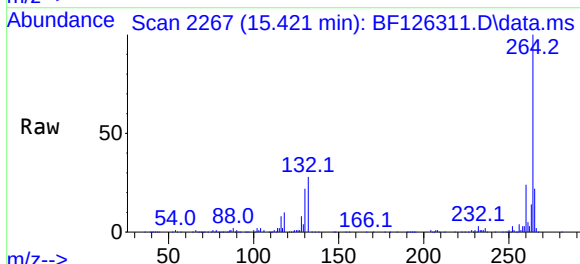
Tgt Ion:149 Resp: 149748
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 12.1 9.9 14.9

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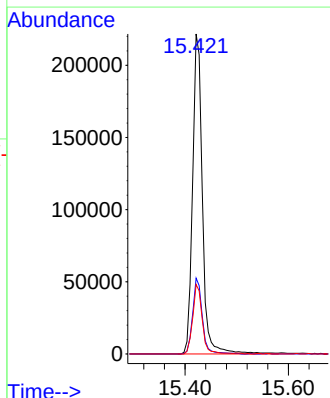
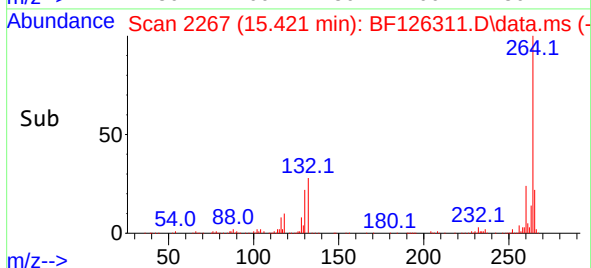
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

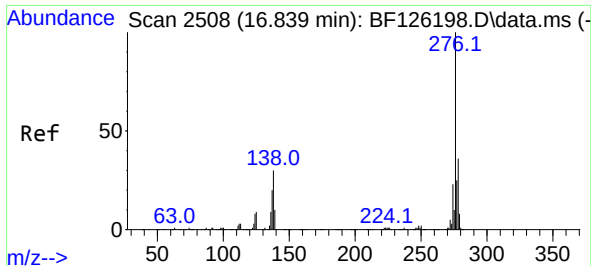


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



Tgt Ion:264 Resp: 292469
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.7 17.2 25.8





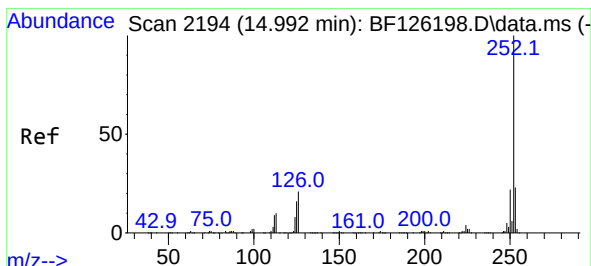
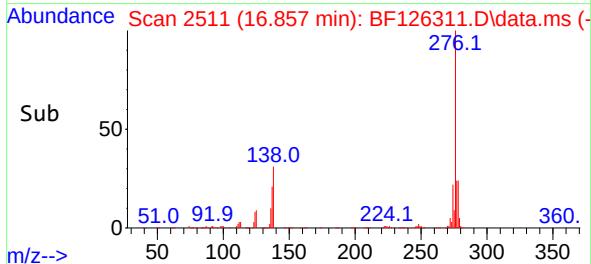
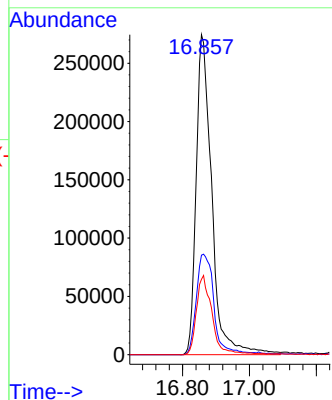
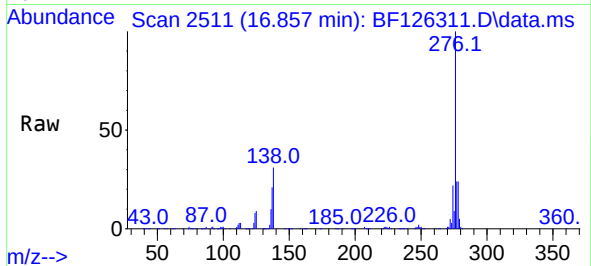
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.593 ng
RT: 16.857 min Scan# 2197
Delta R.T. 0.018 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

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

Tgt Ion:276 Resp: 88943
Ion Ratio Lower Upper
276 100
138 35.5 24.1 36.1
277 24.6 18.8 28.2

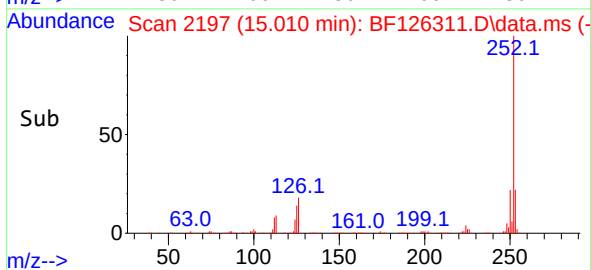
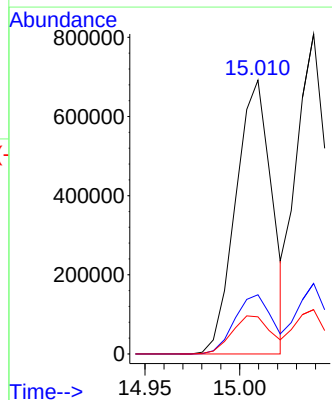
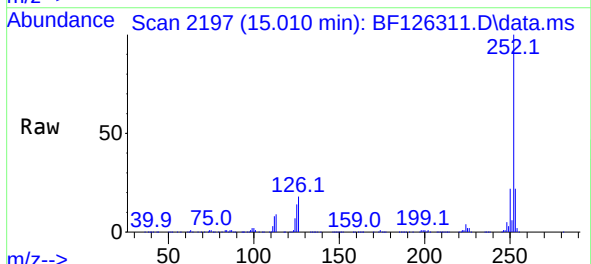
Manual Integrations
APPROVED

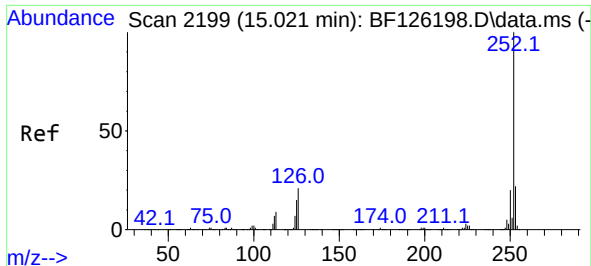
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#88
Benzo(b)fluoranthene
Concen: 52.298 ng
RT: 15.010 min Scan# 2197
Delta R.T. 0.018 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

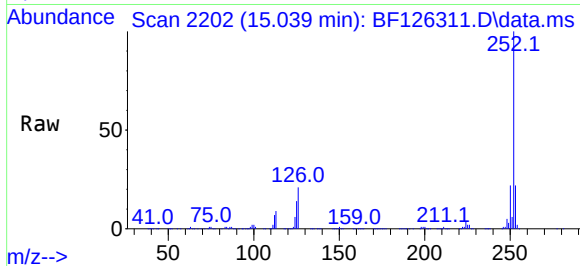
Tgt Ion:252 Resp: 919032
Ion Ratio Lower Upper
252 100
253 21.6 16.8 25.2
125 13.6 9.8 14.8





#89
Benzo(k)fluoranthene
Concen: 53.064 ng
RT: 15.039 min Scan# 2199
Delta R.T. 0.018 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

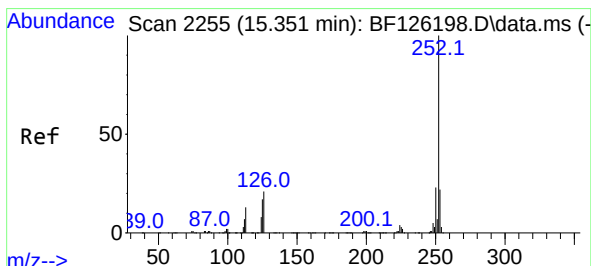
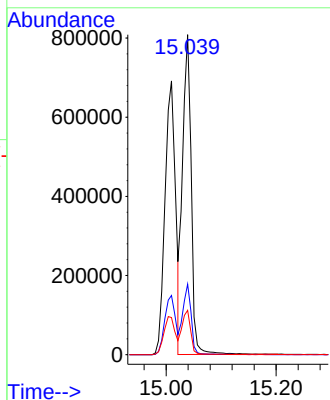
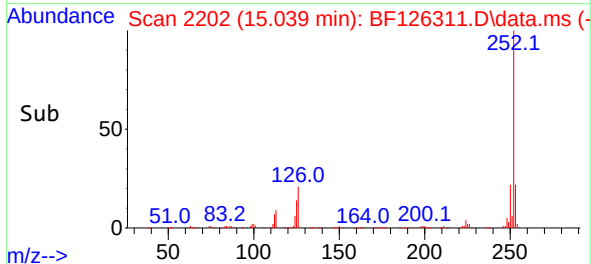
Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



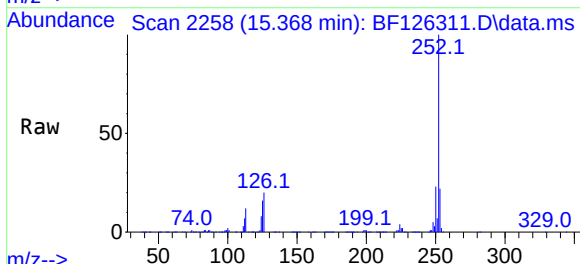
Tgt Ion:252 Resp: 89204
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 13.9 7.2 10.8

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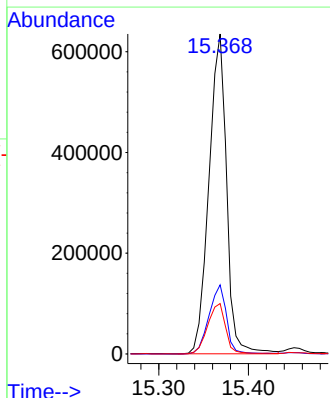
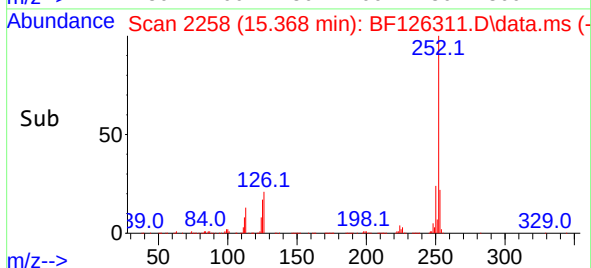
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

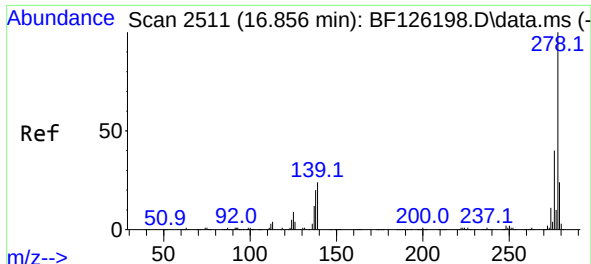


#90
Benzo(a)pyrene
Concen: 59.331 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.018 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



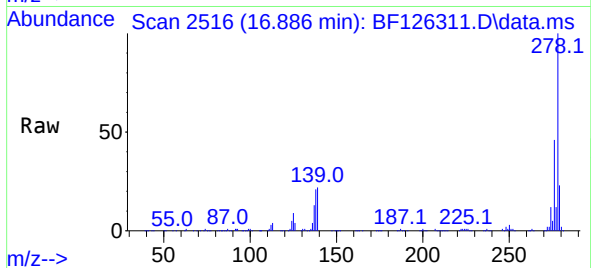
Tgt Ion:252 Resp: 866562
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 15.8 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 47.391 ng
RT: 16.886 min Scan# 2516
Delta R.T. 0.030 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51

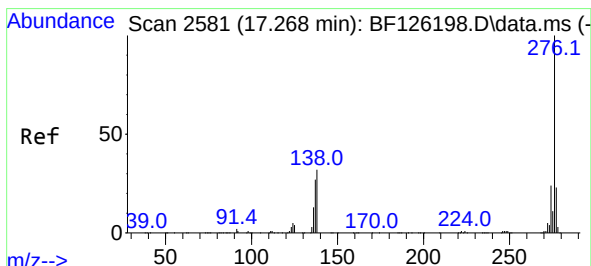
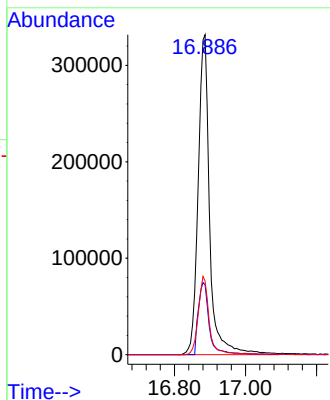
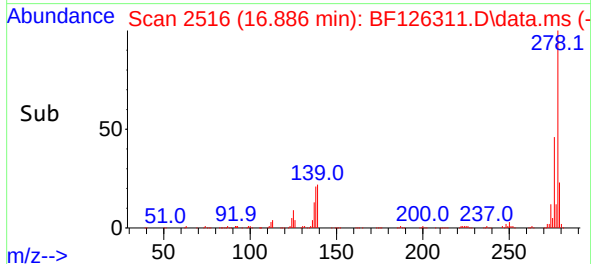
Instrument : BNA_F
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



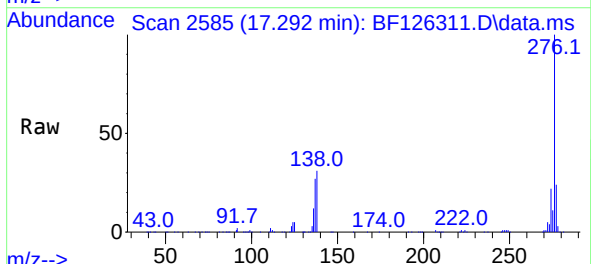
Tgt Ion:278 Resp: 751530
Ion Ratio Lower Upper
278 100
139 21.8 14.9 22.3
279 23.0 19.7 29.5

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: 44.370 ng
RT: 17.292 min Scan# 2585
Delta R.T. 0.024 min
Lab File: BF126311.D
Acq: 21 Dec 2021 22:51



Tgt Ion:276 Resp: 728006
Ion Ratio Lower Upper
276 100
277 23.7 22.0 33.0
138 31.2 22.2 33.4

