

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
 Data File : BF126341.D
 Acq On : 23 Dec 2021 13:33
 Operator : JU/CG
 Sample : PB141629BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB141629BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 27 06:49:08 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 22 13:00:11 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	147647	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	624205	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	279773	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	411557	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	220627	20.000	ng	0.00
86) Perylene-d12	15.427	264	258517	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1100750	109.790	ng	0.00
7) Phenol-d6	6.445	99	1362739	107.046	ng	0.00
23) Nitrobenzene-d5	7.381	82	888540	77.094	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	242346	107.787	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1175805	73.711	ng	0.00
79) Terphenyl-d14	12.927	244	902682	71.114	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	176743	36.114	ng	# 100
3) Pyridine	3.340	79	388667	29.905	ng	# 78
4) n-Nitrosodimethylamine	3.287	42	215758	43.194	ng	# 1
6) Aniline	6.475	93	535186	33.097	ng	96
8) 2-Chlorophenol	6.598	128	456947	44.944	ng	90
9) Benzaldehyde	6.363	77	226392	29.470	ng	94
10) Phenol	6.457	94	595752	41.690	ng	94
11) bis(2-Chloroethyl)ether	6.551	93	488232	44.016	ng	98
12) 1,3-Dichlorobenzene	6.757	146	443099	43.204	ng	98
13) 1,4-Dichlorobenzene	6.834	146	445534	43.018	ng	96
14) 1,2-Dichlorobenzene	6.987	146	426284	44.516	ng	96
15) Benzyl Alcohol	6.957	79	366763	39.464	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.092	45	779726	42.956	ng	94
17) 2-Methylphenol	7.069	107	366093	41.103	ng	97
18) Hexachloroethane	7.328	117	177956	43.682	ng	94
19) n-Nitroso-di-n-propyla...	7.234	70	307533	39.351	ng	# 71
20) 3+4-Methylphenols	7.222	107	418728	39.767	ng	# 77
22) Acetophenone	7.228	105	593455	41.310	ng	98
24) Nitrobenzene	7.398	77	489510	42.546	ng	94
25) Isophorone	7.639	82	880410	40.452	ng	# 88
26) 2-Nitrophenol	7.716	139	228463	44.048	ng	# 86
27) 2,4-Dimethylphenol	7.751	122	394290	44.764	ng	96
28) bis(2-Chloroethoxy)met...	7.851	93	566317	39.576	ng	# 97
29) 2,4-Dichlorophenol	7.957	162	322466	41.186	ng	95
30) 1,2,4-Trichlorobenzene	8.039	180	335058	41.372	ng	98
31) Naphthalene	8.122	128	1226408	42.013	ng	98
32) Benzoic acid	7.875	122	233969	30.833	ng	92
33) 4-Chloroaniline	8.163	127	217131	17.814	ng	97
34) Hexachlorobutadiene	8.239	225	166535	41.869	ng	99
35) Caprolactam	8.534	113	116929m	60.092	ng	
36) 4-Chloro-3-methylphenol	8.651	107	378649	40.998	ng	89
37) 2-Methylnaphthalene	8.810	142	768239	42.734	ng	99
38) 1-Methylnaphthalene	8.910	142	713046	40.872	ng	95
40) 1,2,4,5-Tetrachloroben...	8.981	216	257626	42.665	ng	# 96
41) Hexachlorocyclopentadiene	8.969	237	298376	86.291	ng	95
43) 2,4,6-Trichlorophenol	9.086	196	187736	39.524	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	195881	39.822	ng	93
46) 1,1'-Biphenyl	9.275	154	888699	42.960	ng	96
47) 2-Chloronaphthalene	9.298	162	646467	41.535	ng	96
48) 2-Nitroaniline	9.392	65	228815	40.277	ng	90
49) Acenaphthylene	9.716	152	998024	41.964	ng	98
50) Dimethylphthalate	9.581	163	712166	40.185	ng	98
51) 2,6-Dinitrotoluene	9.639	165	161961	42.223	ng	97
52) Acenaphthene	9.886	154	684490m	44.380	ng	
53) 3-Nitroaniline	9.804	138	117371	24.074	ng	# 74
54) 2,4-Dinitrophenol	9.910	184	135883	86.033	ng	# 82
55) Dibenzofuran	10.057	168	848143	40.390	ng	100
56) 4-Nitrophenol	9.969	139	267520	75.963	ng	# 83
57) 2,4-Dinitrotoluene	10.039	165	204765	41.847	ng	# 92
58) Fluorene	10.404	166	599073	39.408	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	144856	39.717	ng	# 97
60) Diethylphthalate	10.280	149	686430	38.542	ng	98
61) 4-Chlorophenyl-phenyle...	10.392	204	260766	38.098	ng	98
62) 4-Nitroaniline	10.416	138	170123	41.596	ng	# 74
63) Azobenzene	10.557	77	843886	39.120	ng	83
65) 4,6-Dinitro-2-methylph...	10.445	198	89959	40.029	ng	92
66) n-Nitrosodiphenylamine	10.516	169	560351	42.424	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	162151	41.980	ng	93
68) Hexachlorobenzene	10.951	284	189685	42.699	ng	90
69) Atrazine	11.039	200	158788	65.601	ng	98
70) Pentachlorophenol	11.145	266	187901	76.243	ng	92
71) Phenanthrene	11.363	178	891748	41.981	ng	97
72) Anthracene	11.416	178	920077	43.154	ng	100
73) Carbazole	11.569	167	786169	39.155	ng	98
74) Di-n-butylphthalate	11.904	149	1006233	39.532	ng	100
75) Fluoranthene	12.551	202	767525	40.104	ng	92
77) Benzidine	12.674	184	335286	96.394	ng	99
78) Pyrene	12.780	202	794146	39.179	ng	98
80) Butylbenzylphthalate	13.404	149	363609	38.121	ng	# 85
81) Benzo(a)anthracene	13.968	228	529807	40.540	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	153258	25.669	ng	97
83) Chrysene	14.004	228	576720	42.473	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	425650	39.934	ng	99
85) Di-n-octyl phthalate	14.574	149	856910	45.099	ng	98
87) Indeno(1,2,3-cd)pyrene	16.862	276	798440	46.304	ng	93
88) Benzo(b)fluoranthene	15.010	252	660935	42.550	ng	99
89) Benzo(k)fluoranthene	15.039	252	645611	43.448	ng	# 95
90) Benzo(a)pyrene	15.368	252	662354	51.306	ng	96
91) Dibenzo(a,h)anthracene	16.886	278	661553	47.196	ng	96
92) Benzo(g,h,i)perylene	17.298	276	700649	48.311	ng	93

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

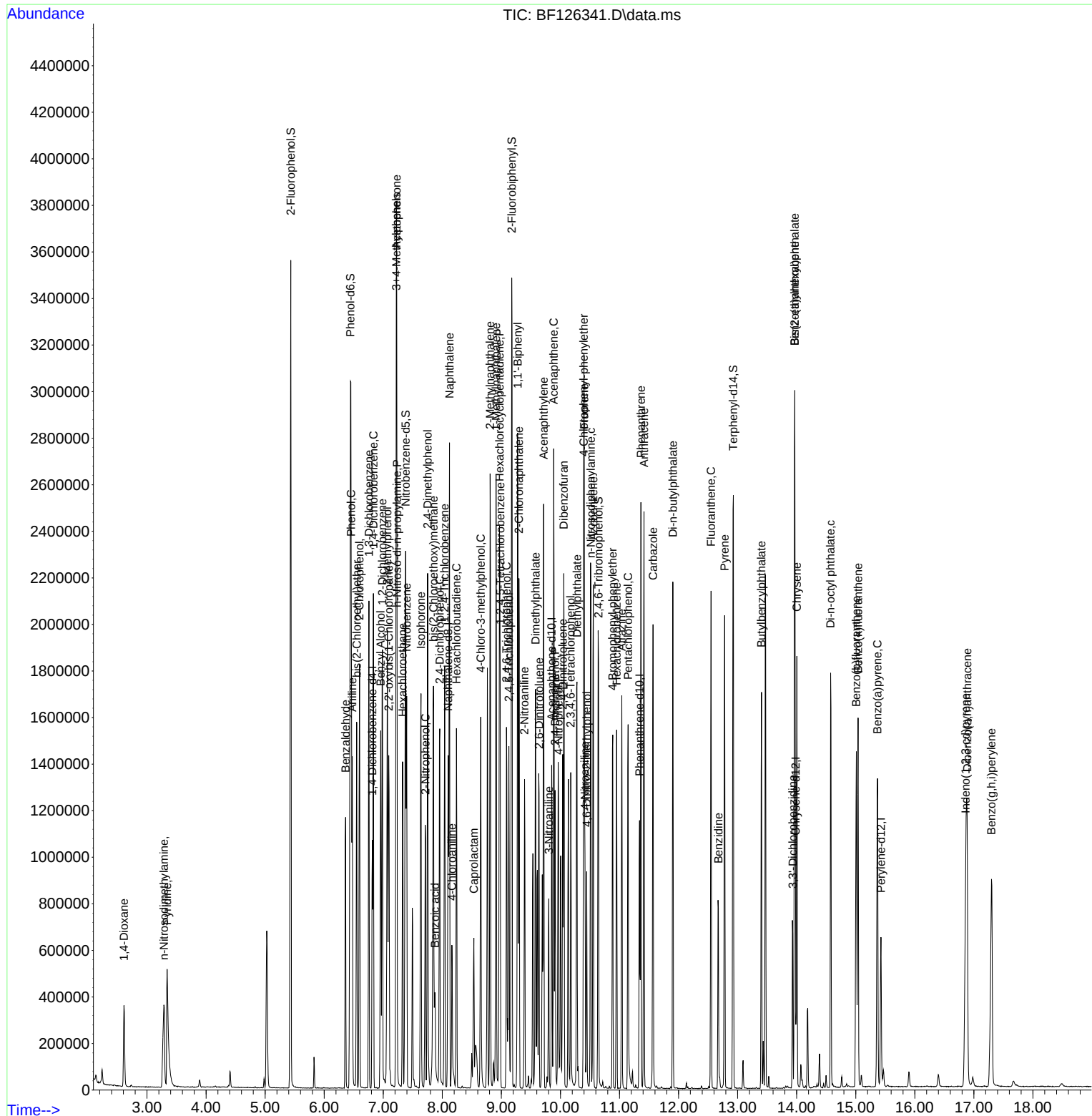
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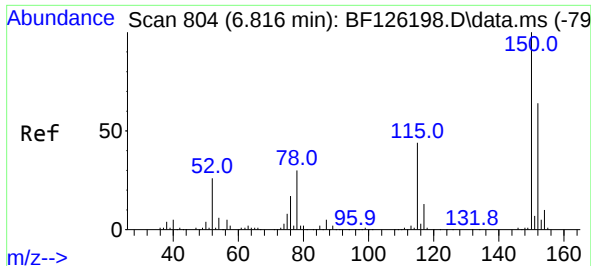
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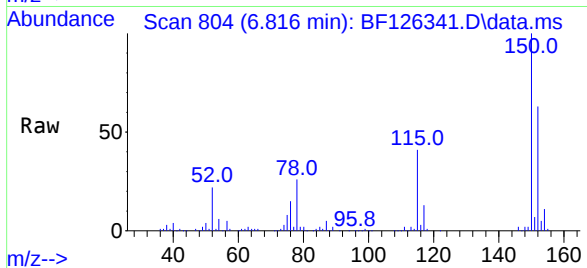
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

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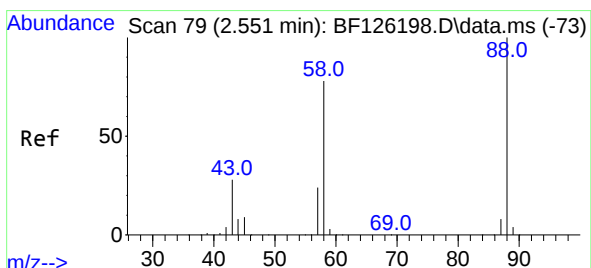
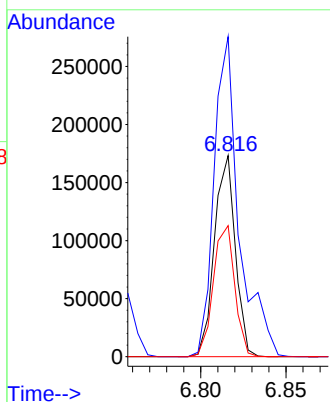
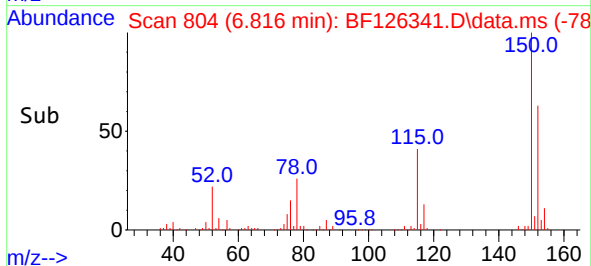


Tgt Ion:152 Resp: 14764
Ion Ratio Lower Upper
152 100
150 159.0 117.6 176.4
115 65.2 47.1 70.7

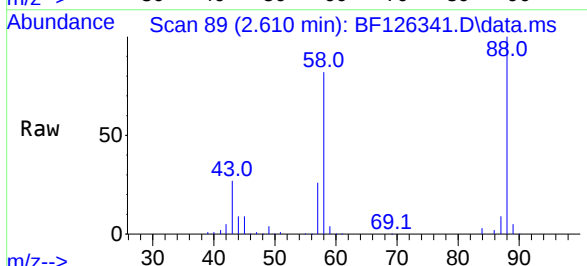
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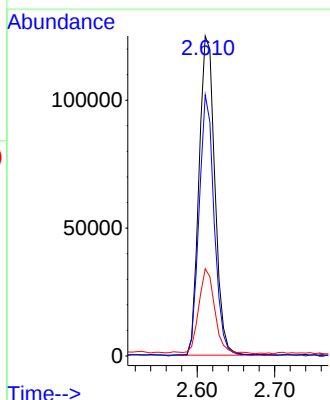
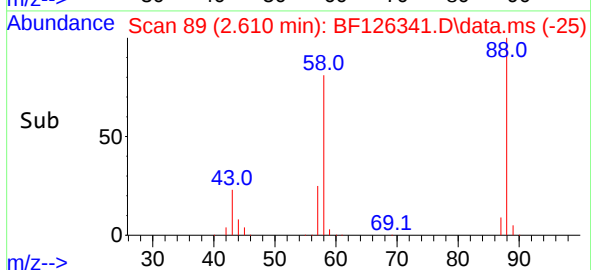
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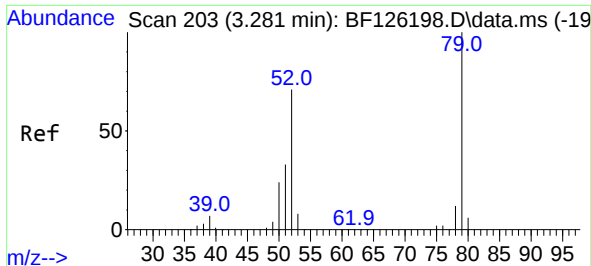


#2
1,4-Dioxane
Concen: 36.114 ng
RT: 2.610 min Scan# 89
Delta R.T. 0.077 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



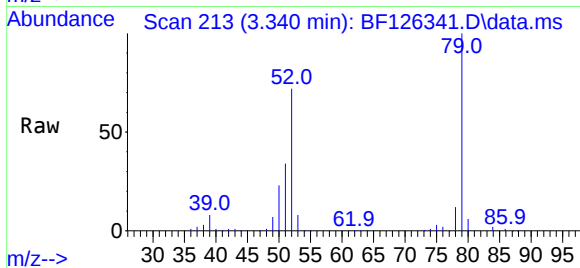
Tgt Ion: 88 Resp: 176743
Ion Ratio Lower Upper
88 100
58 78.7 0.0 0.0#
43 27.3 0.0 0.0#





#3
Pyridine
Concen: 29.905 ng
RT: 3.340 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

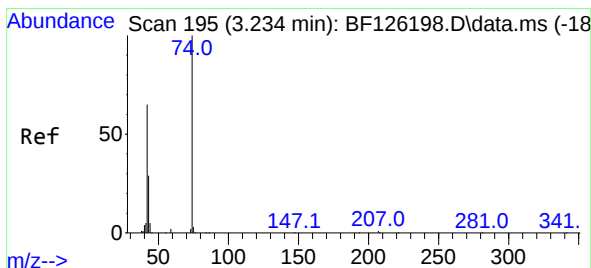
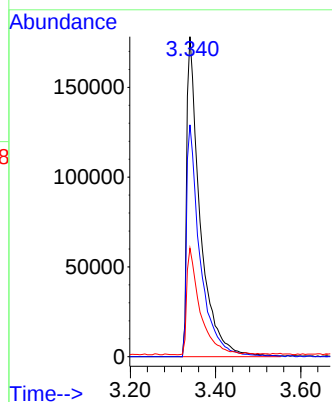
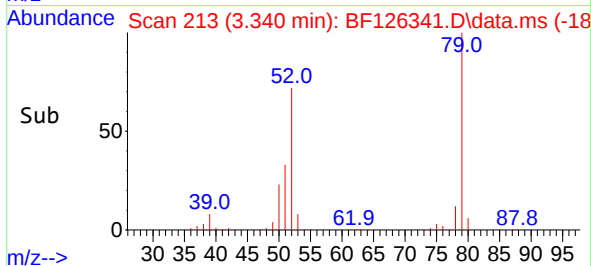
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ClientSampleId :
PB141629BS



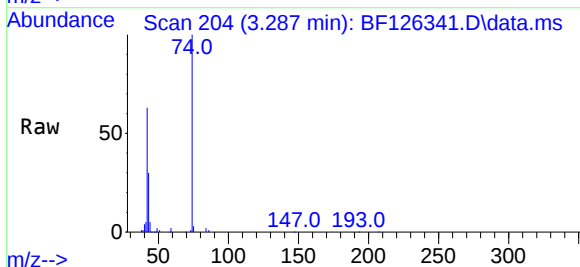
Tgt Ion: 79 Resp: 38866
Ion Ratio Lower Upper
79 100
52 72.4 70.3 105.5
51 33.9 44.1 66.1

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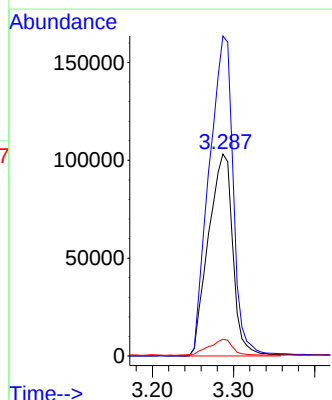
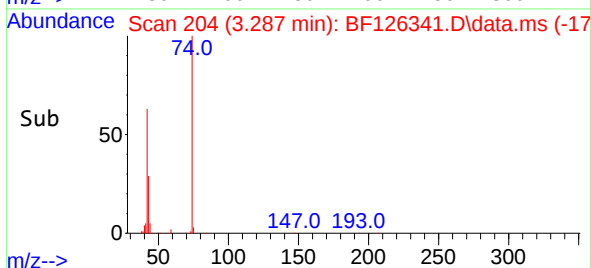
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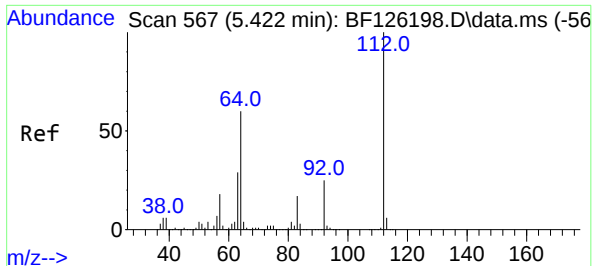


#4
n-Nitrosodimethylamine
Concen: 43.194 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.071 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion: 42 Resp: 215758
Ion Ratio Lower Upper
42 100
74 158.5 59.0 88.6#
44 8.3 0.0 0.0#





#5
2-Fluorophenol
Concen: 109.790 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

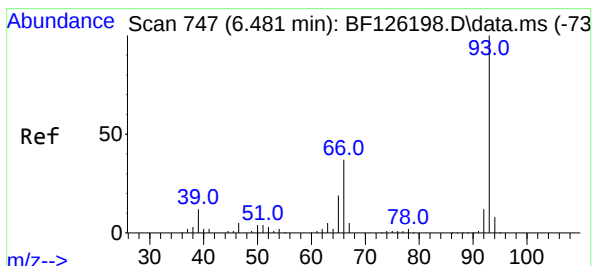
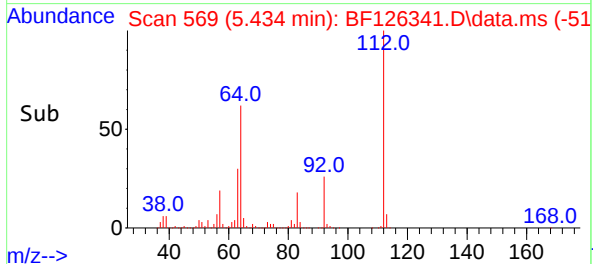
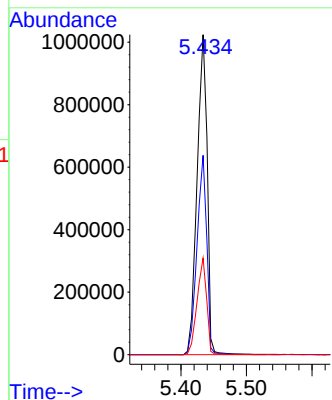
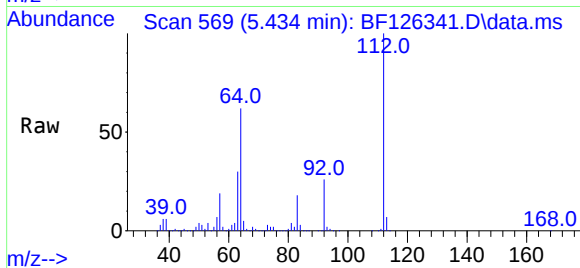
PB141629BS

Tgt Ion:112 Resp: 1100750
Ion Ratio Lower Upper
112 100
64 62.3 44.2 66.2
63 30.2 26.2 39.2

Manual Integrations

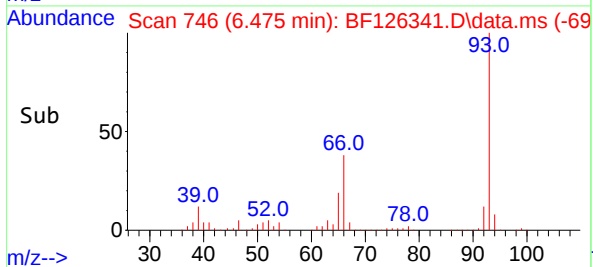
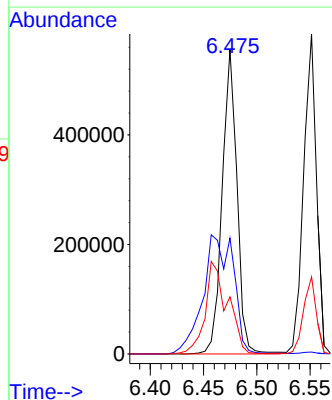
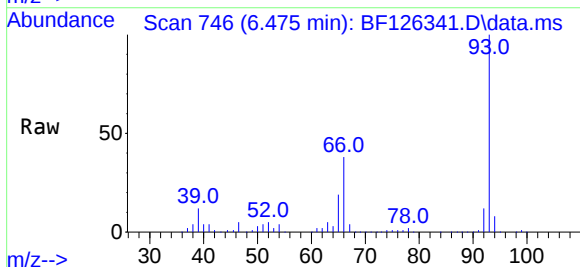
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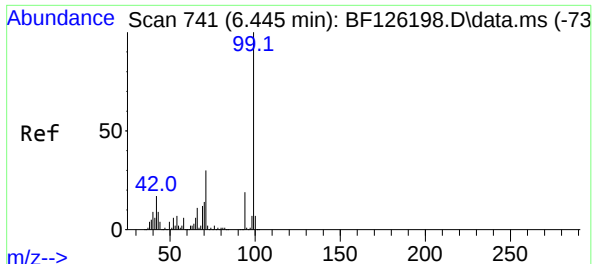
Reviewed By :Jagrut Upadhyay 12/27/2021
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#6
Aniline
Concen: 33.097 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

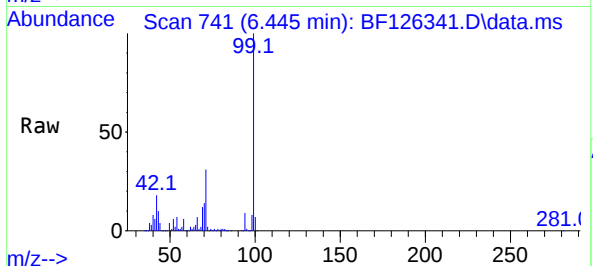
Tgt Ion: 93 Resp: 535186
Ion Ratio Lower Upper
93 100
66 38.1 32.7 49.1
65 18.8 14.2 21.4





#7
Phenol-d6
Concen: 107.046 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

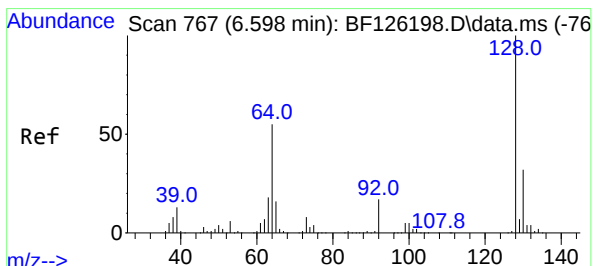
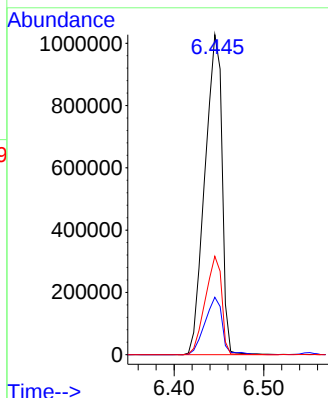
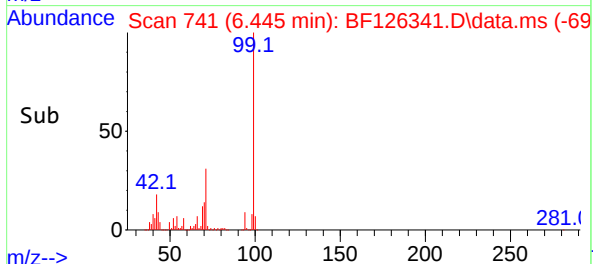
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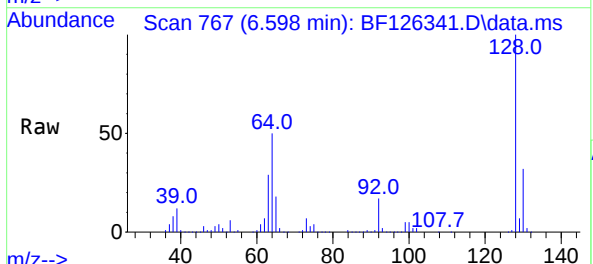
Tgt Ion: 99 Resp: 1362739
Ion Ratio Lower Upper
99 100
42 17.9 23.5 35.3
71 30.7 25.6 38.4

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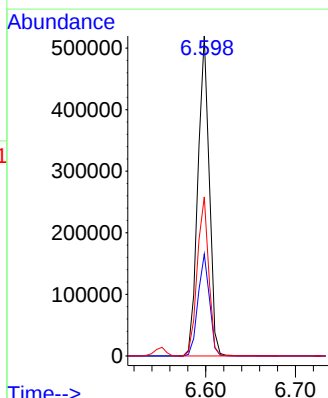
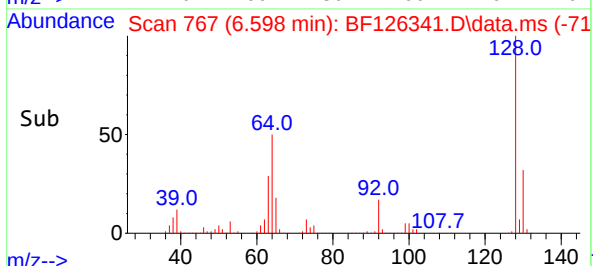
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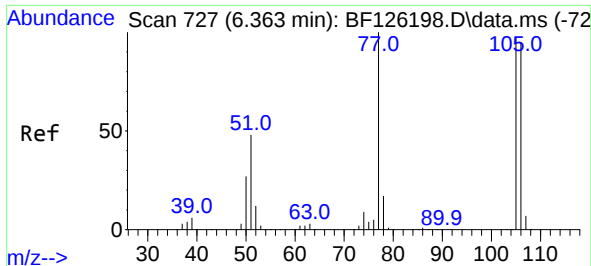


#8
2-Chlorophenol
Concen: 44.944 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF126341.D
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Tgt Ion:128 Resp: 456947
Ion Ratio Lower Upper
128 100
130 31.8 10.5 50.5
64 49.7 20.3 60.3





#9
Benzaldehyde
Concen: 29.470 ng
RT: 6.363 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126341.D
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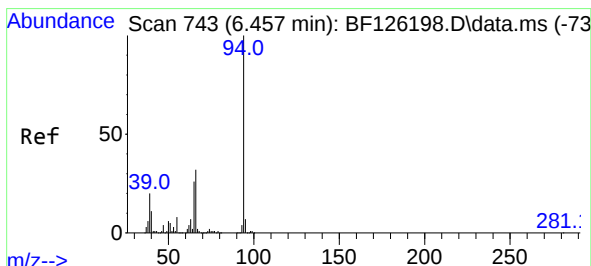
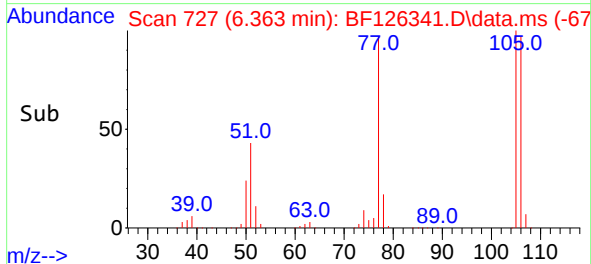
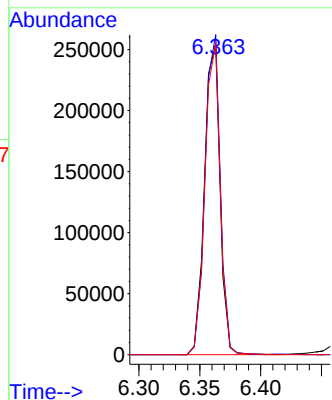
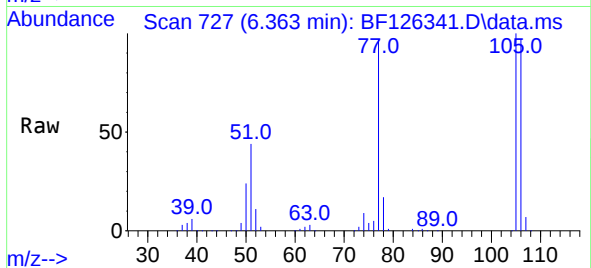
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Tgt Ion: 77 Resp: 226392
Ion Ratio Lower Upper
77 100
105 103.4 75.9 115.9
106 100.4 84.0 124.0

Manual Integrations

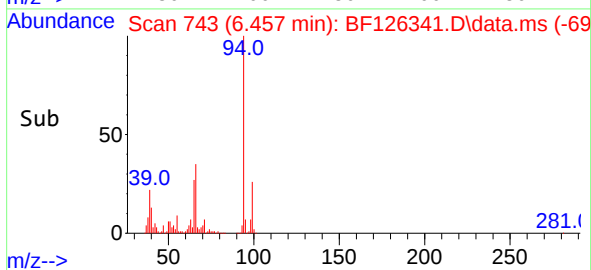
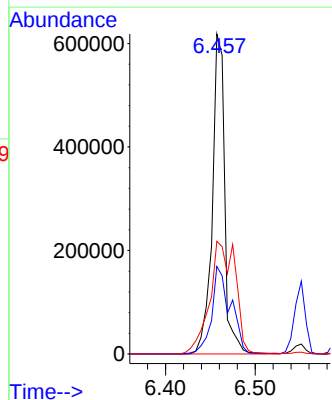
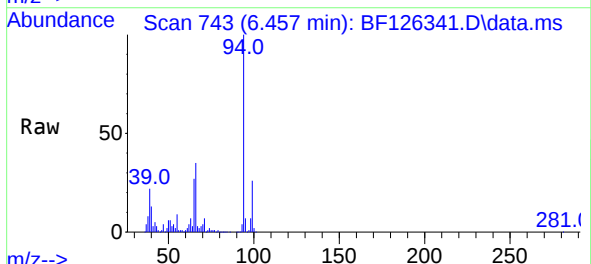
APPROVED

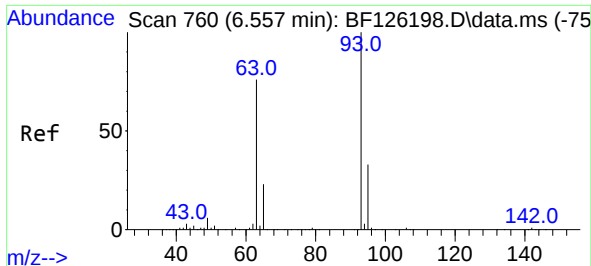
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#10
Phenol
Concen: 41.690 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion: 94 Resp: 595752
Ion Ratio Lower Upper
94 100
65 27.3 9.3 49.3
66 35.2 20.3 60.3





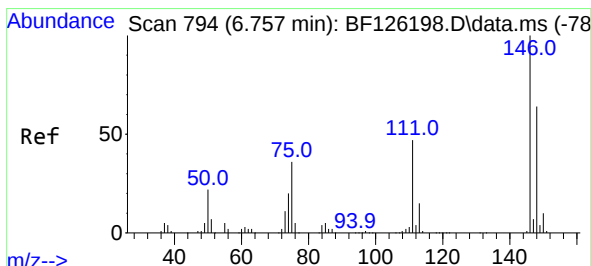
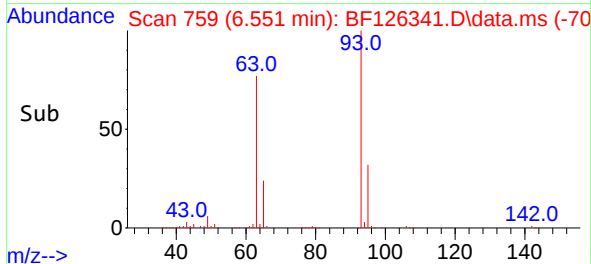
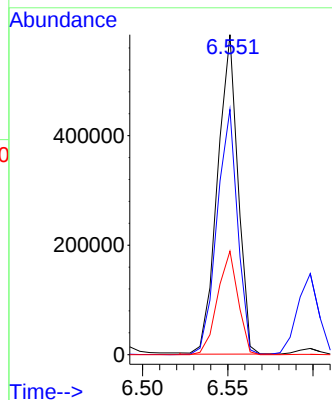
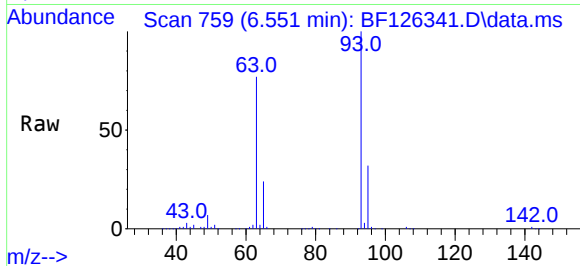
#11
bis(2-Chloroethyl)ether
Concen: 44.016 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :
BNA_F
ClientSampleId :
PB141629BS

Tgt Ion: 93 Resp: 48823
Ion Ratio Lower Upper
93 100
63 76.6 54.4 94.4
95 32.4 11.4 51.4

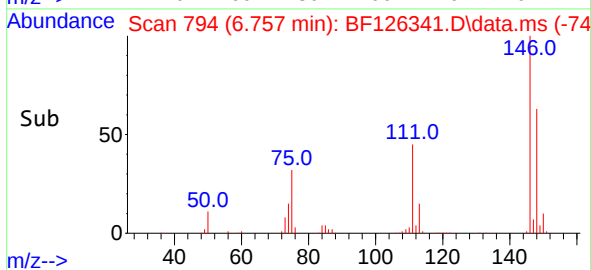
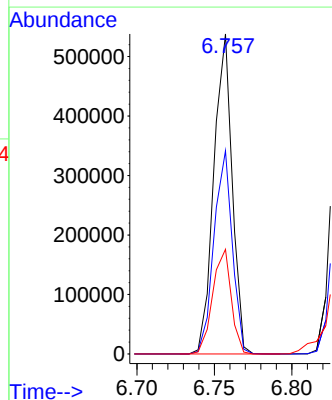
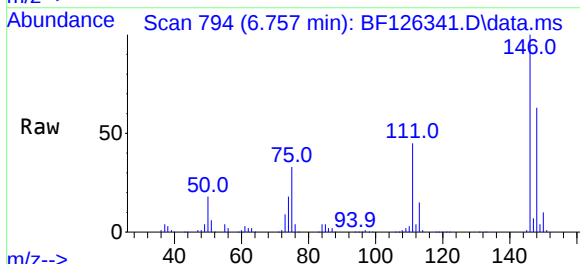
Manual Integrations
APPROVED

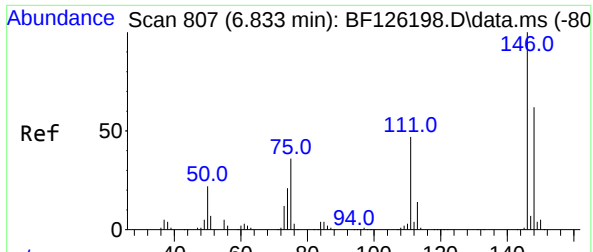
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#12
1,3-Dichlorobenzene
Concen: 43.204 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

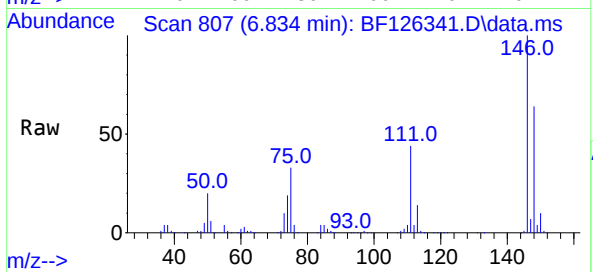
Tgt Ion:146 Resp: 443099
Ion Ratio Lower Upper
146 100
148 63.5 49.7 74.5
75 32.7 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 43.018 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

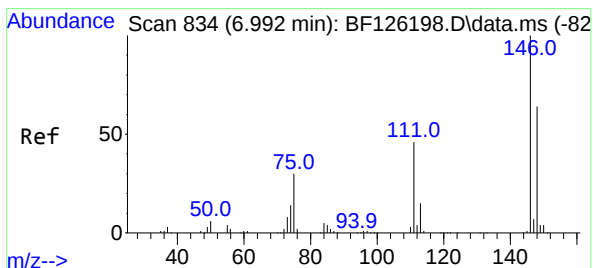
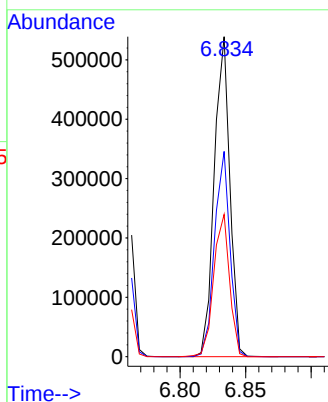
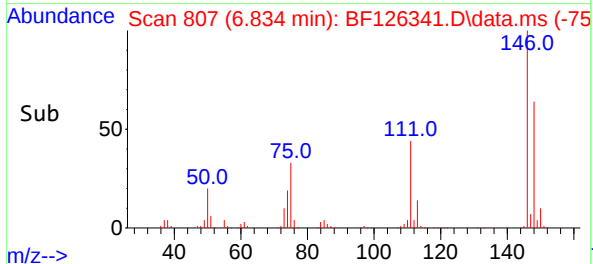
Instrument :
BNA_F
ClientSampleId :
PB141629BS



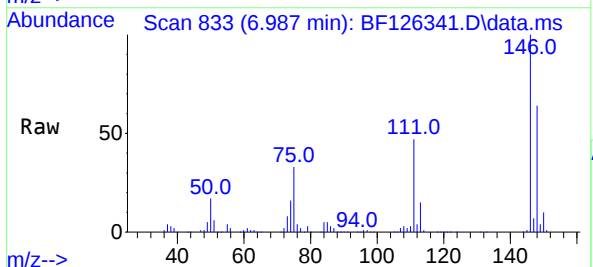
Tgt Ion:146 Resp: 445534
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
111 44.5 31.8 47.6

Manual Integrations
APPROVED

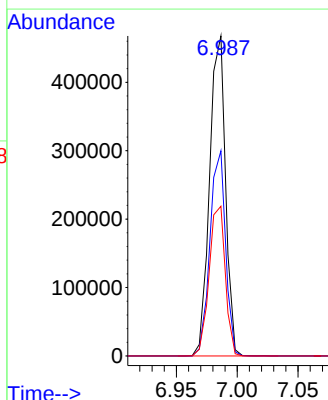
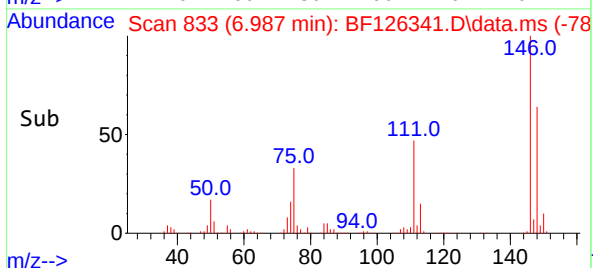
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

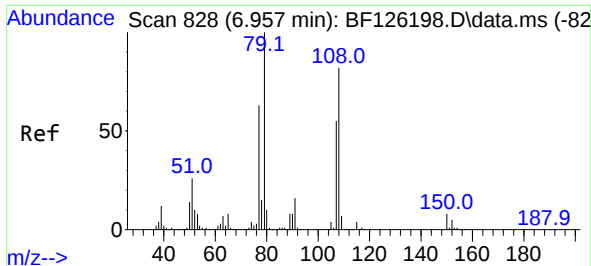


#14
1,2-Dichlorobenzene
Concen: 44.516 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



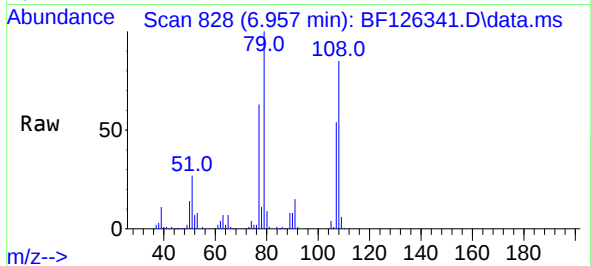
Tgt Ion:146 Resp: 426284
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
111 46.8 33.5 50.3





#15
Benzyl Alcohol
Concen: 39.464 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

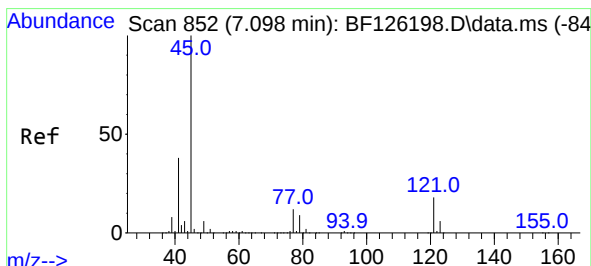
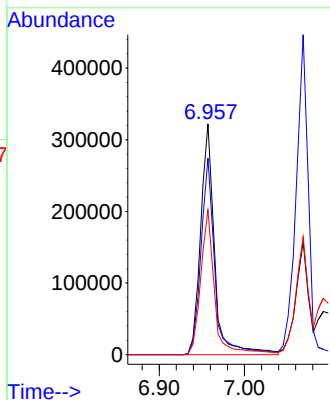
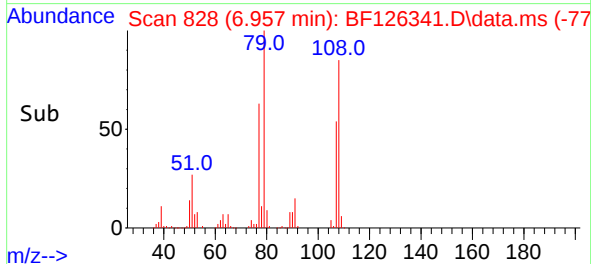
Instrument :
BNA_F
ClientSampleId :
PB141629BS



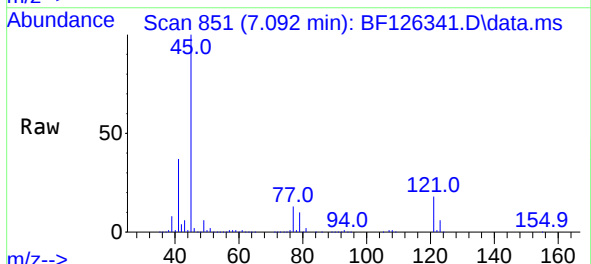
Tgt Ion: 79 Resp: 36676
Ion Ratio Lower Upper
79 100
108 85.1 60.4 90.6
77 62.5 51.5 77.3

Manual Integrations
APPROVED

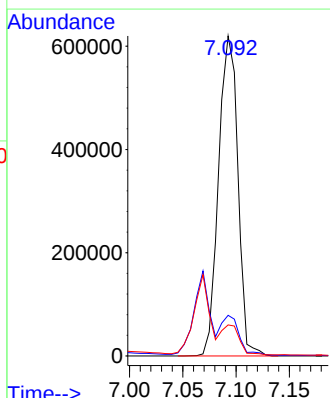
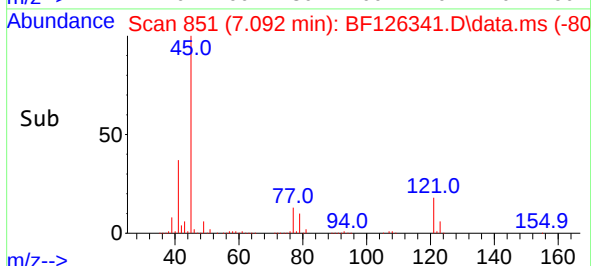
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

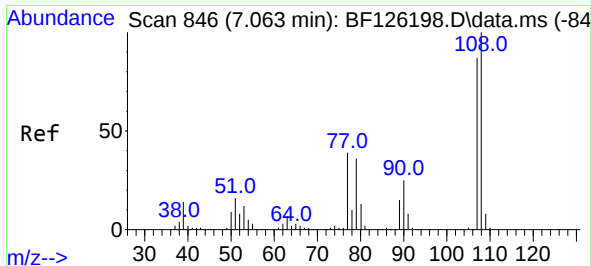


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.956 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion: 45 Resp: 779726
Ion Ratio Lower Upper
45 100
77 12.7 0.0 30.6
79 9.7 0.0 27.5





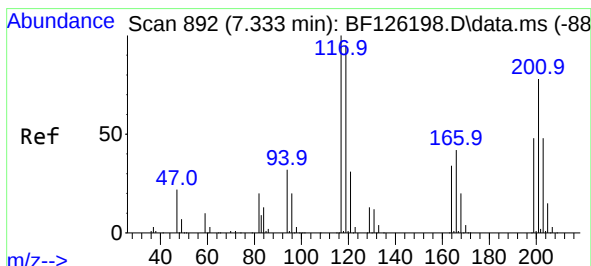
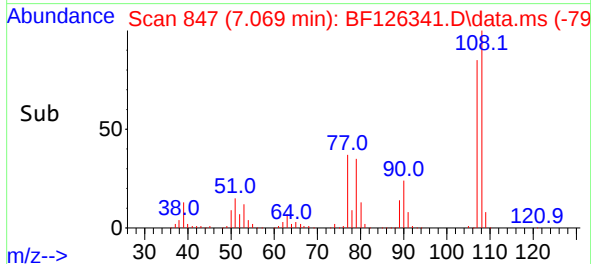
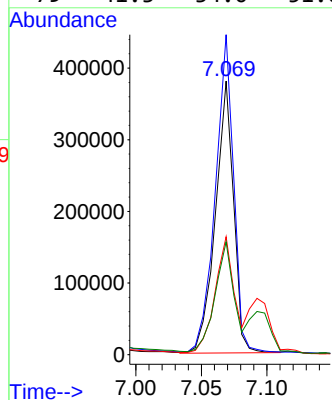
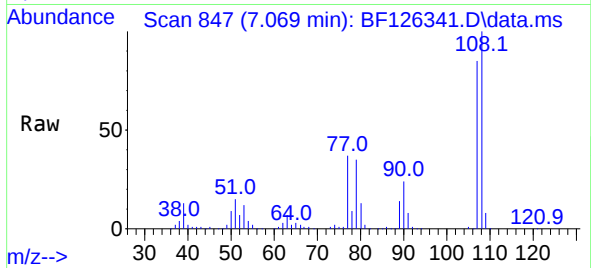
#17
2-Methylphenol
Concen: 41.103 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :
BNA_F
ClientSampleId :
PB141629BS

Tgt Ion:107 Resp: 366091
Ion Ratio Lower Upper
107 100
108 117.0 90.6 135.8
77 43.1 35.7 53.5
79 41.3 34.0 51.0

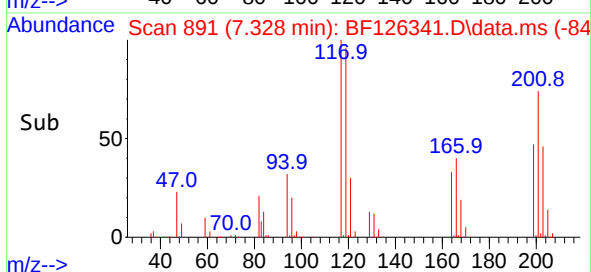
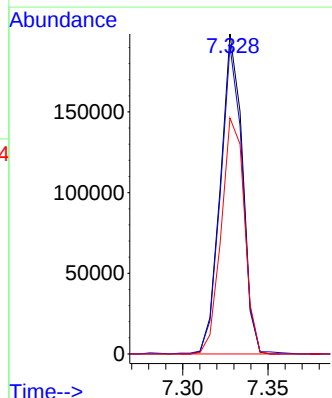
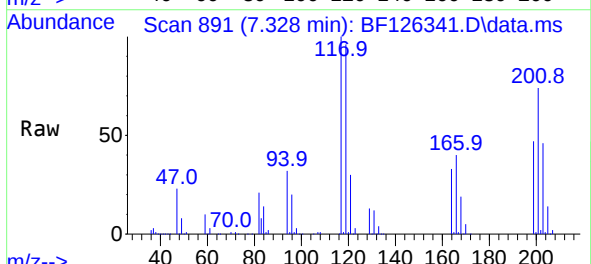
Manual Integrations
APPROVED

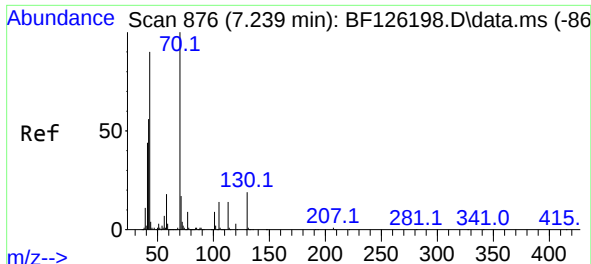
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#18
Hexachloroethane
Concen: 43.682 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:117 Resp: 177956
Ion Ratio Lower Upper
117 100
119 96.3 73.4 110.2
201 73.8 64.9 97.3





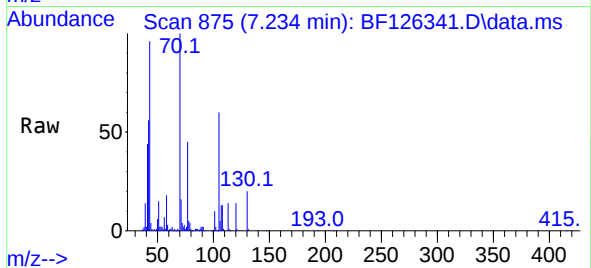
#19
n-Nitroso-di-n-propylamine
Concen: 39.351 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

PB141629BS

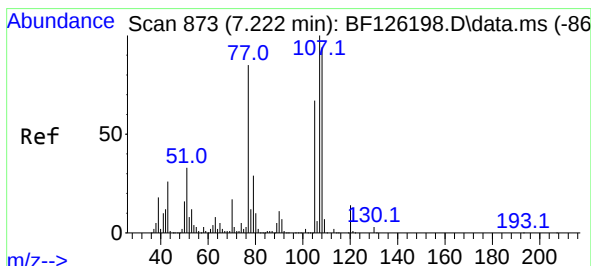
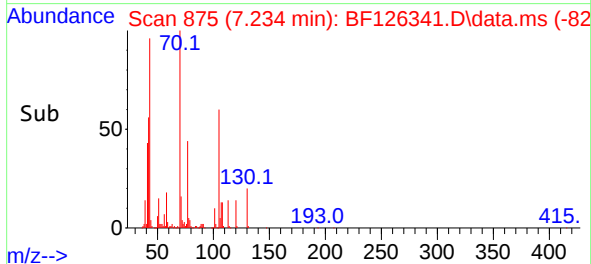
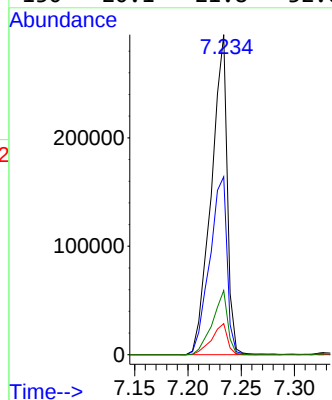


Tgt Ion: 70 Resp: 30753
Ion Ratio Lower Upper
70 100
42 55.6 72.2 108.2
101 9.7 7.8 11.8
130 20.1 21.8 32.6#

Manual Integrations

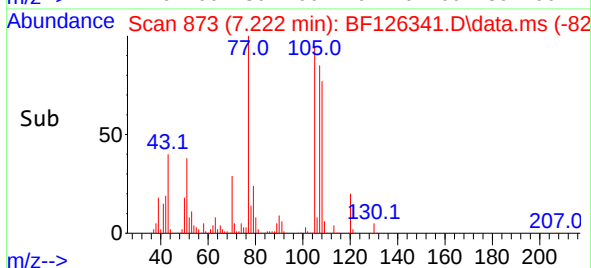
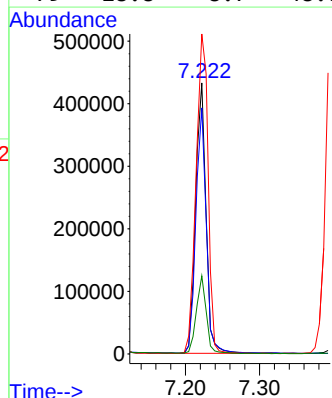
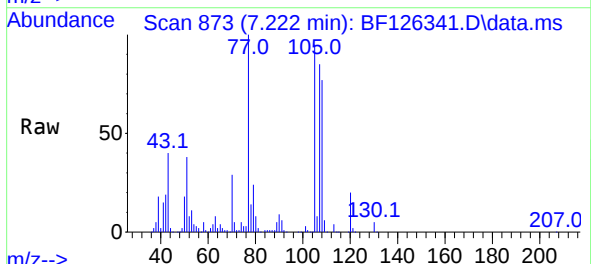
APPROVED

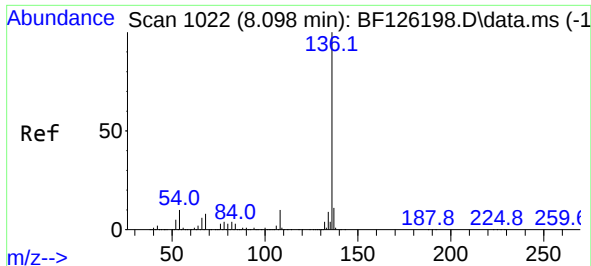
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#20
3+4-Methylphenols
Concen: 39.767 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:107 Resp: 418728
Ion Ratio Lower Upper
107 100
108 90.8 76.6 116.6
77 118.1 53.3 93.3#
79 28.8 8.7 48.7





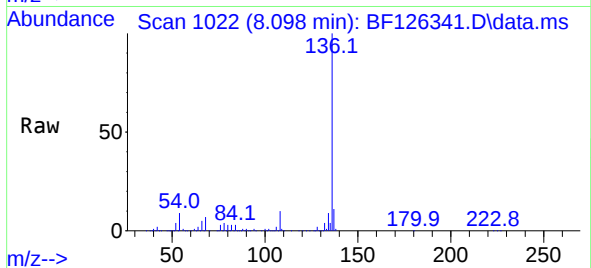
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

PB141629BS

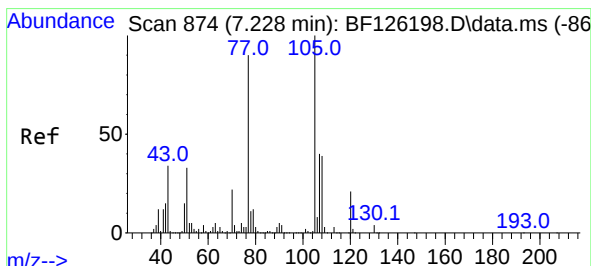
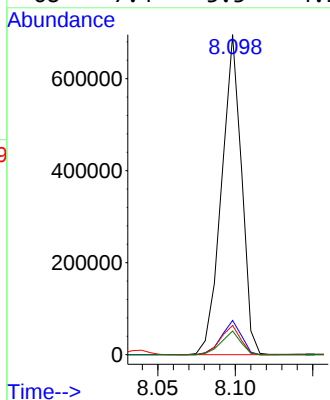
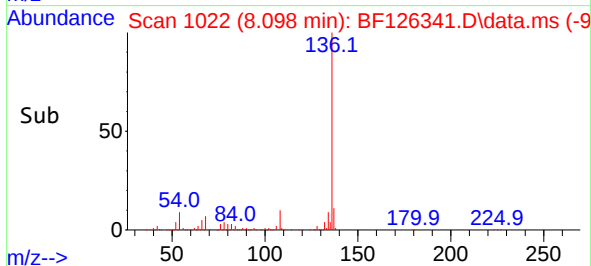


Tgt Ion:136 Resp: 624205
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.1 6.4 9.6
68 7.4 3.3 4.9#

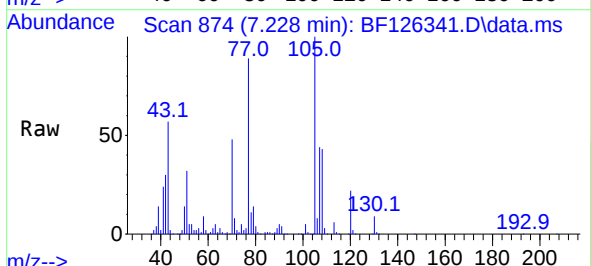
Manual Integrations

APPROVED

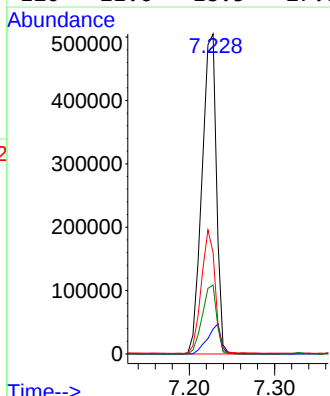
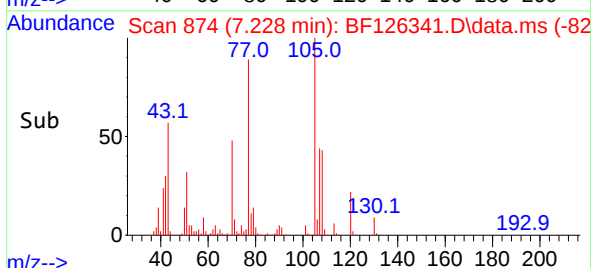
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

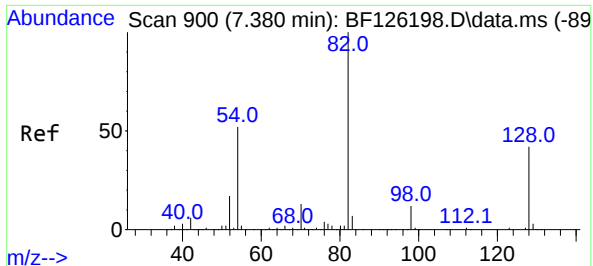


#22
Acetophenone
Concen: 41.310 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion:105 Resp: 593455
Ion Ratio Lower Upper
105 100
71 7.8 5.5 8.3
51 31.7 26.0 39.0
120 21.6 18.5 27.7





#23

Nitrobenzene-d5

Concen: 77.094 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126341.D

Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

PB141629BS

Tgt Ion: 82 Resp: 888540

Ion Ratio Lower Upper

82 100

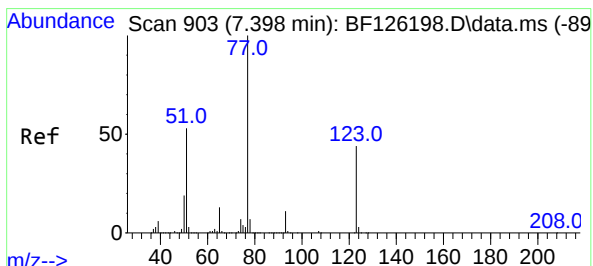
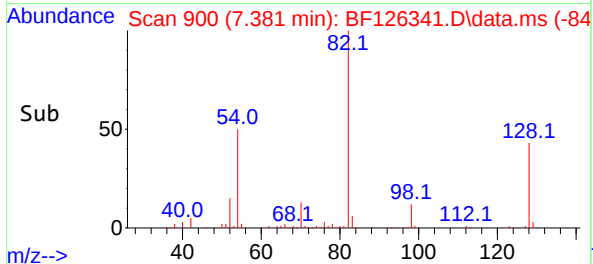
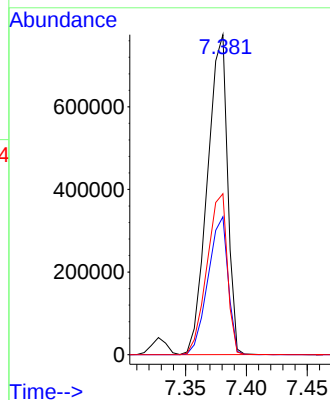
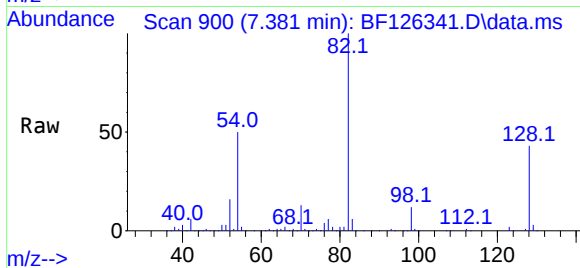
128 43.1 40.6 60.8

54 50.3 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#24

Nitrobenzene

Concen: 42.546 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF126341.D

Acq: 23 Dec 2021 13:33

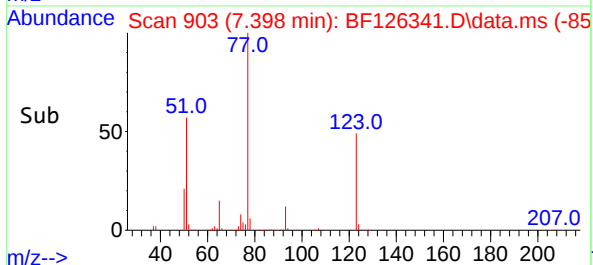
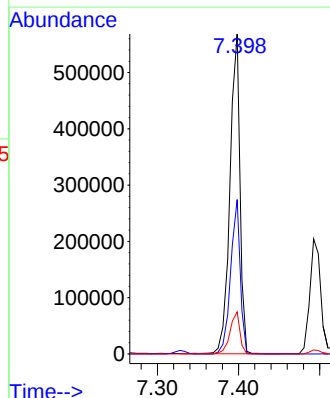
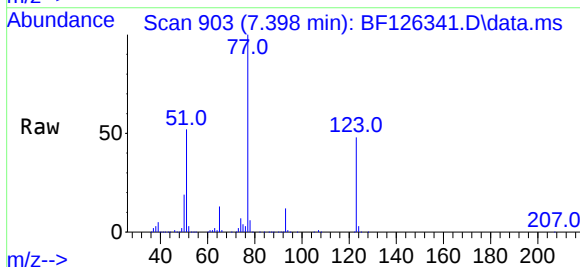
Tgt Ion: 77 Resp: 489510

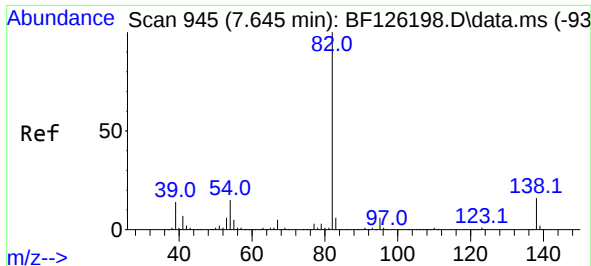
Ion Ratio Lower Upper

77 100

123 48.3 42.3 63.5

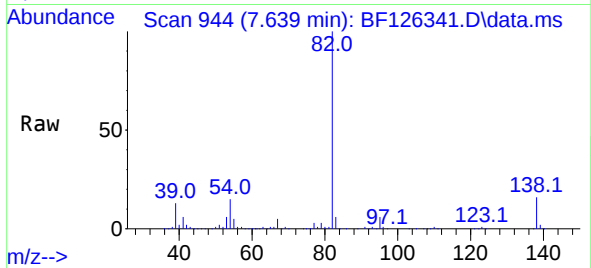
65 13.2 12.4 18.6





#25
Isophorone
Concen: 40.452 ng
RT: 7.639 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

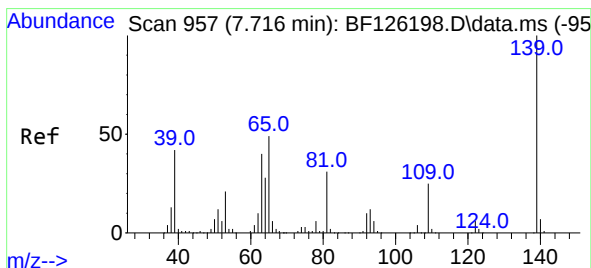
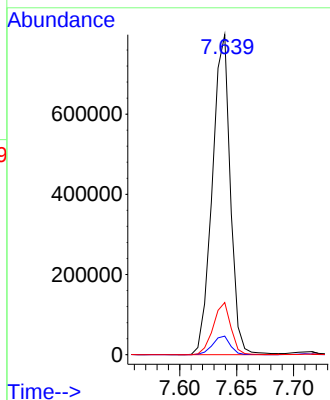
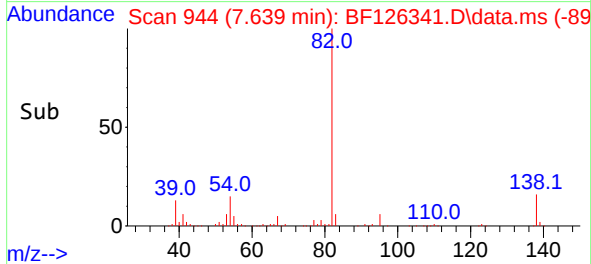
Instrument :
BNA_F
ClientSampleId :
PB141629BS



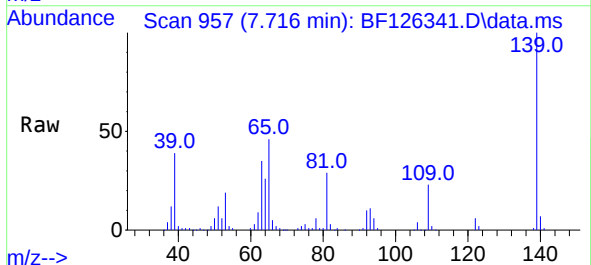
Tgt Ion: 82 Resp: 880410
Ion Ratio Lower Upper
82 100
95 5.8 6.5 9.7
138 16.3 18.4 27.6

Manual Integrations
APPROVED

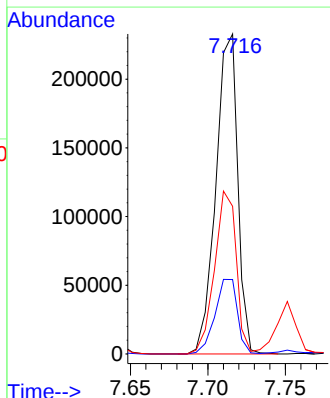
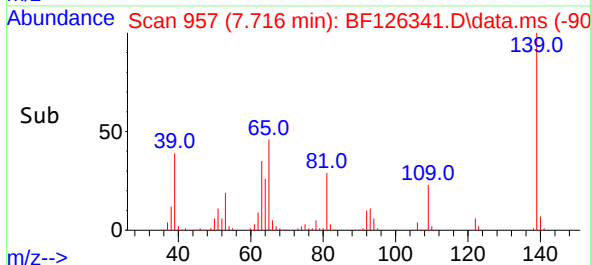
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

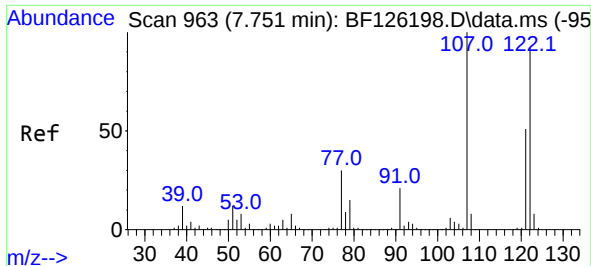


#26
2-Nitrophenol
Concen: 44.048 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion:139 Resp: 228463
Ion Ratio Lower Upper
139 100
109 23.3 26.0 39.0#
65 46.2 31.0 46.4





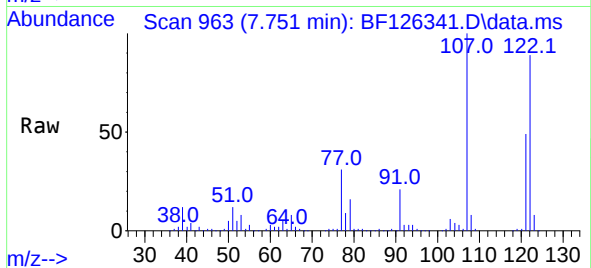
#27
2,4-Dimethylphenol
Concen: 44.764 ng
RT: 7.751 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

PB141629BS

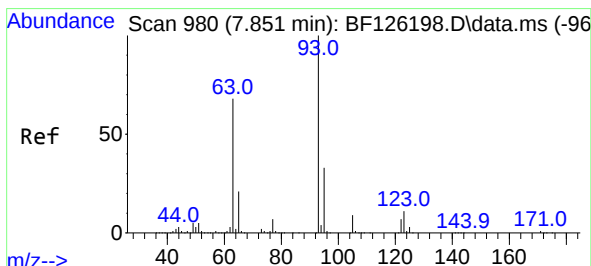
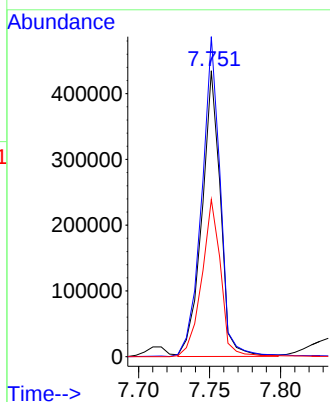
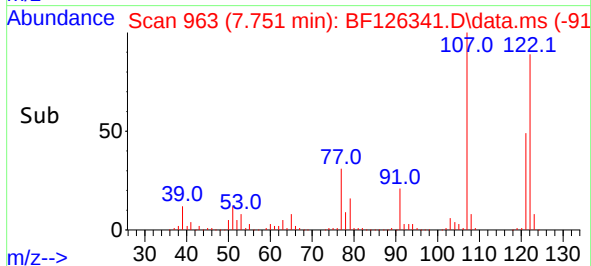


Tgt Ion:122 Resp: 394290
Ion Ratio Lower Upper
122 100
107 111.9 85.0 127.6
121 55.0 43.3 64.9

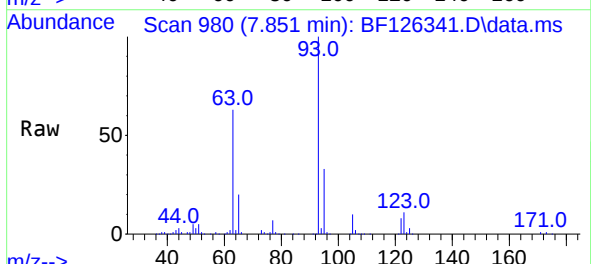
Manual Integrations

APPROVED

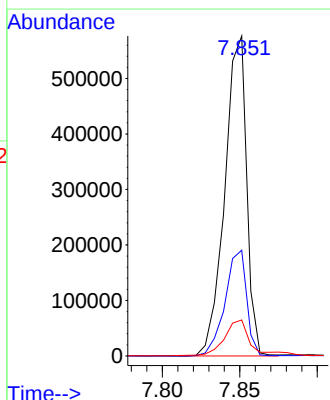
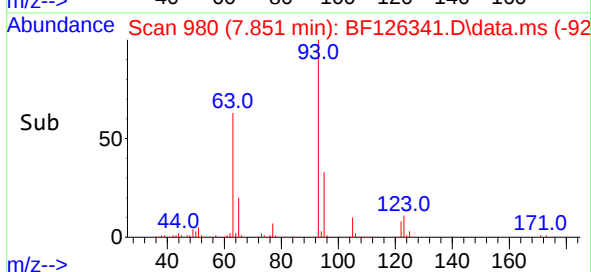
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

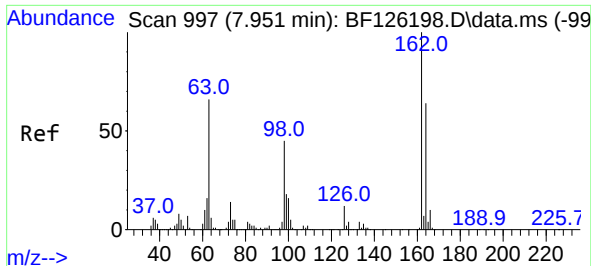


#28
bis(2-Chloroethoxy)methane
Concen: 39.576 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion: 93 Resp: 566317
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.2 11.7 17.5#





#29
2,4-Dichlorophenol
Concen: 41.186 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

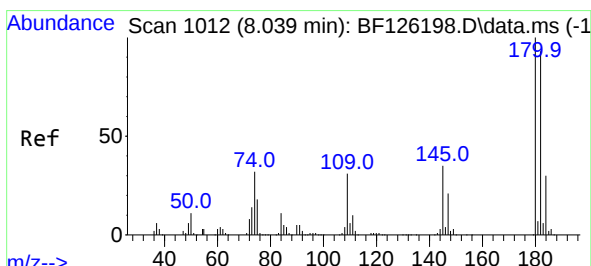
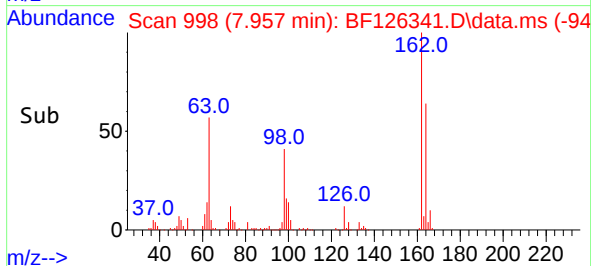
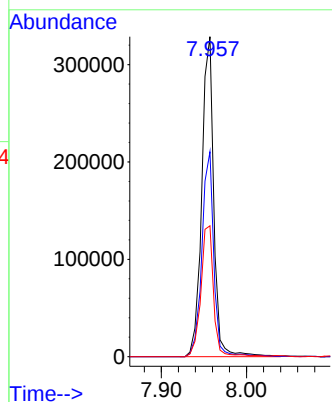
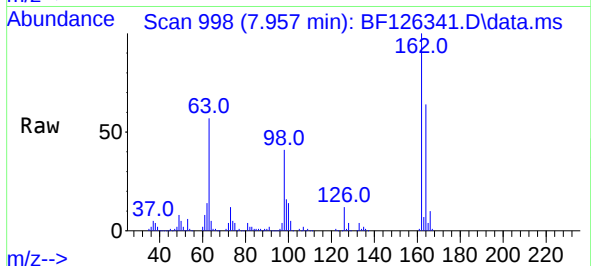
PB141629BS

Tgt Ion:162 Resp: 322460
Ion Ratio Lower Upper
162 100
164 64.0 44.5 84.5
98 40.9 13.0 53.0

Manual Integrations

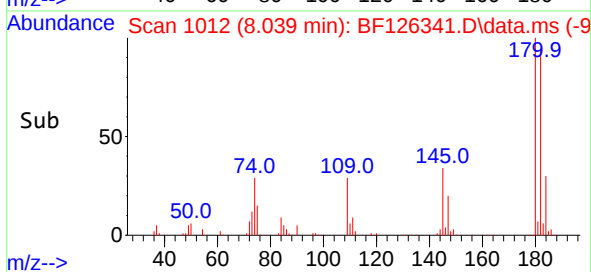
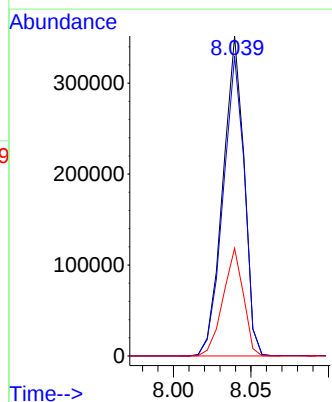
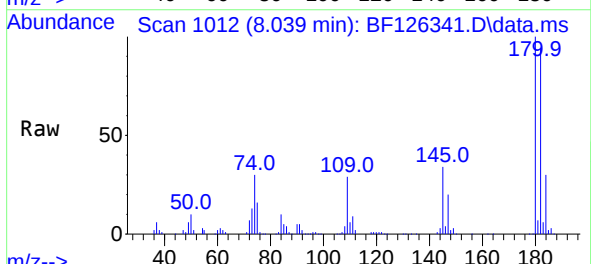
APPROVED

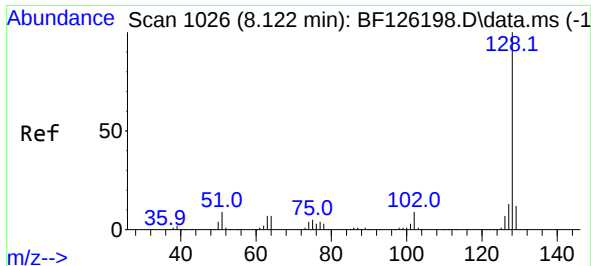
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#30
1,2,4-Trichlorobenzene
Concen: 41.372 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:180 Resp: 335058
Ion Ratio Lower Upper
180 100
182 93.7 76.8 115.2
145 33.6 26.7 40.1





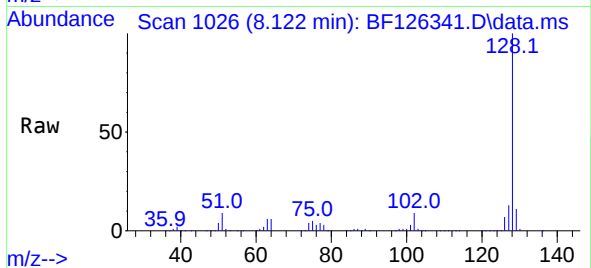
#31
Naphthalene
Concen: 42.013 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

PB141629BS

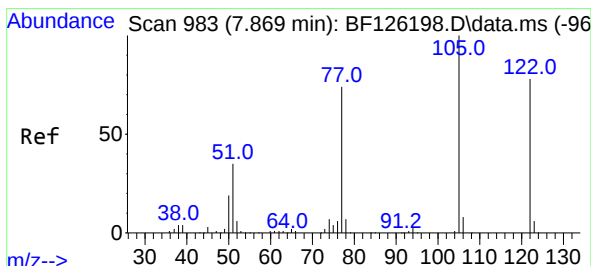
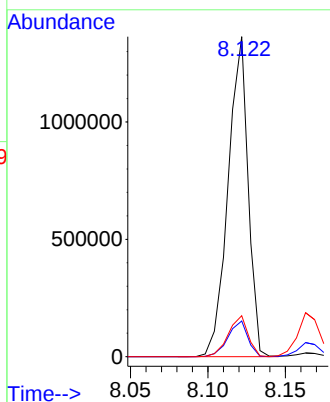
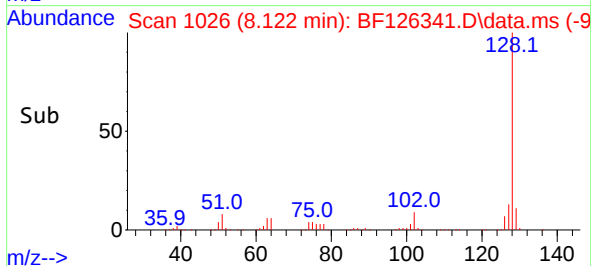


Tgt Ion:128 Resp: 1226408
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 12.8 10.9 16.3

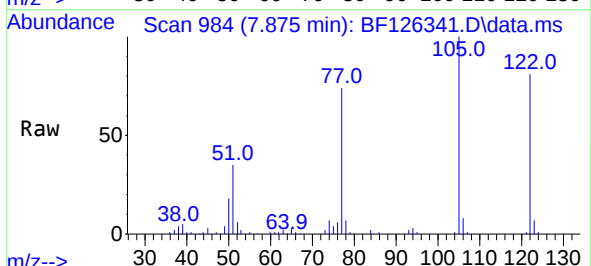
Manual Integrations

APPROVED

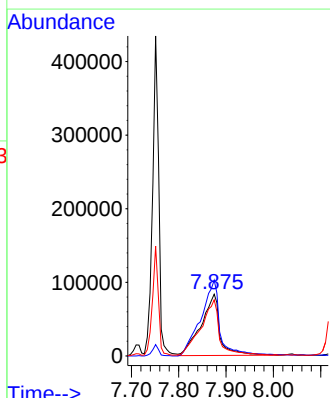
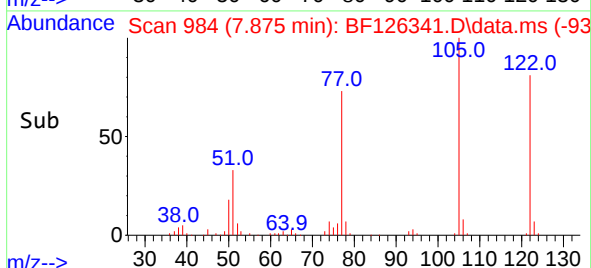
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

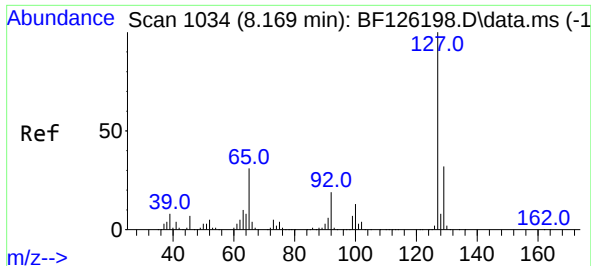


#32
Benzoic acid
Concen: 30.833 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion:122 Resp: 233969
Ion Ratio Lower Upper
122 100
105 122.8 97.6 137.6
77 90.8 59.6 99.6





#33
4-Chloroaniline
Concen: 17.814 ng
RT: 8.163 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

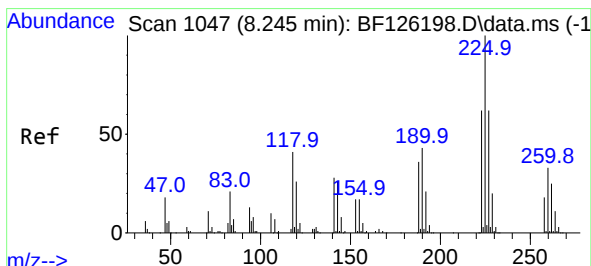
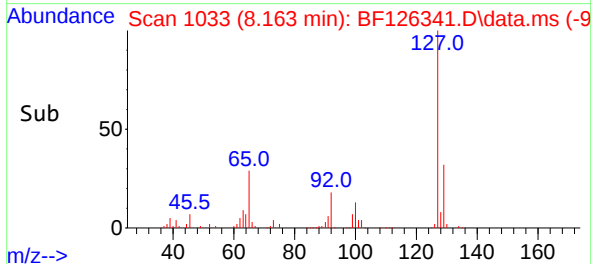
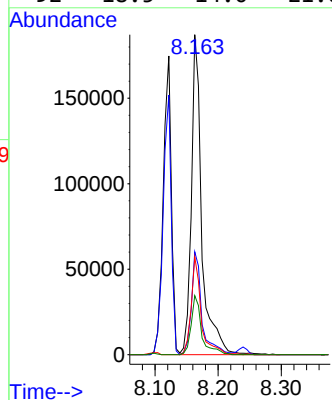
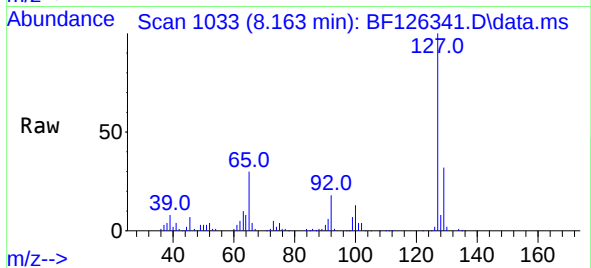
PB141629BS

Tgt Ion:127 Resp: 21713
Ion Ratio Lower Upper
127 100
129 32.2 25.7 38.5
65 30.5 21.2 31.8
92 18.5 14.0 21.0

Manual Integrations

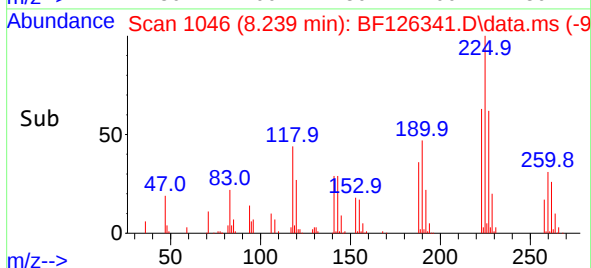
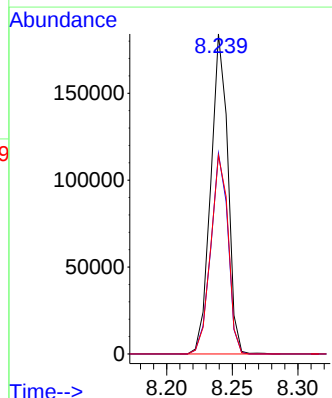
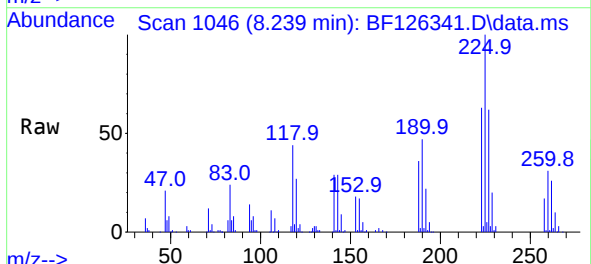
APPROVED

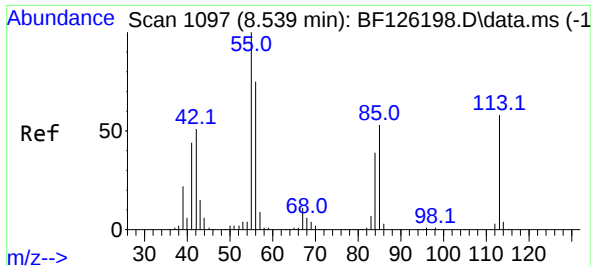
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#34
Hexachlorobutadiene
Concen: 41.869 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

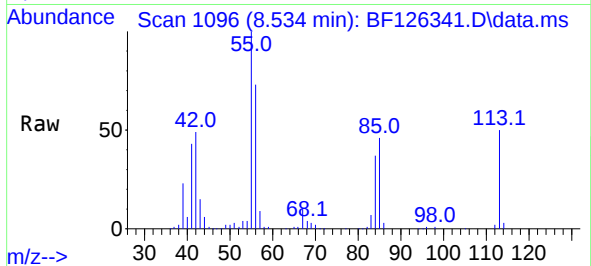
Tgt Ion:225 Resp: 166535
Ion Ratio Lower Upper
225 100
223 62.7 50.6 76.0
227 62.1 50.6 75.8





#35
Caprolactam
Concen: 60.092 ng m
RT: 8.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

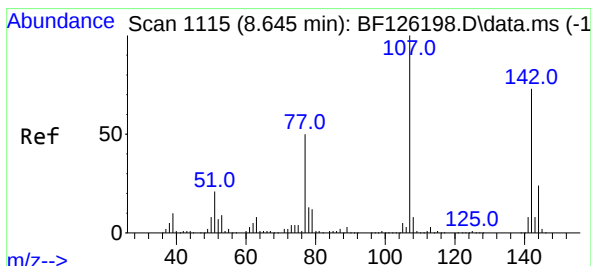
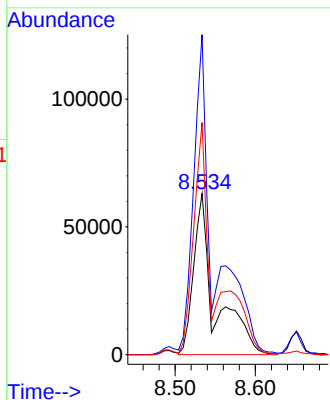
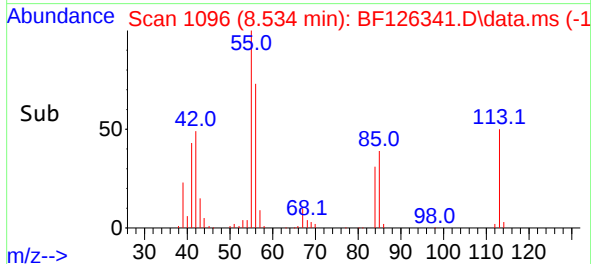
Instrument :
BNA_F
ClientSampleId :
PB141629BS



Tgt Ion:113 Resp: 116929
Ion Ratio Lower Upper
113 100
55 198.6 154.1 194.1
56 144.0 108.7 148.7

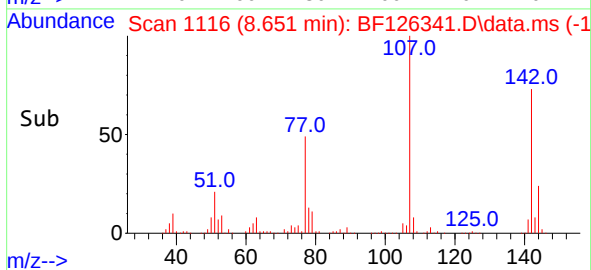
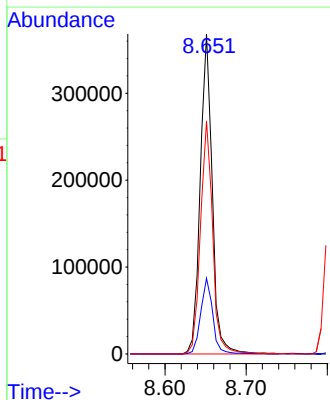
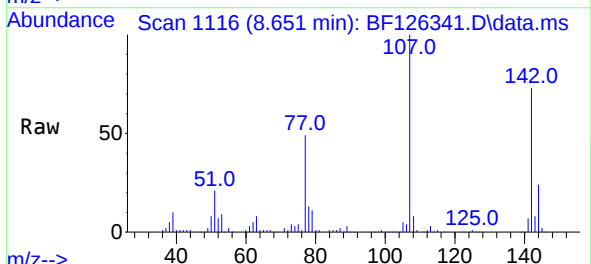
Manual Integrations
APPROVED

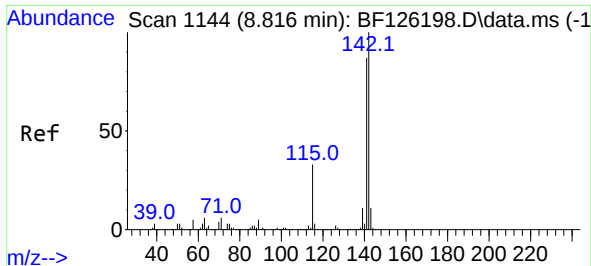
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#36
4-Chloro-3-methylphenol
Concen: 40.998 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:107 Resp: 378649
Ion Ratio Lower Upper
107 100
144 23.6 21.9 32.9
142 72.9 67.1 100.7





#37
2-Methylnaphthalene
Concen: 42.734 ng
RT: 8.810 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

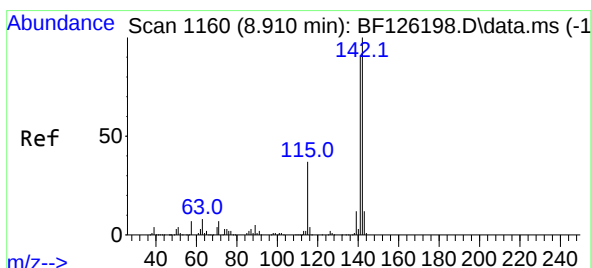
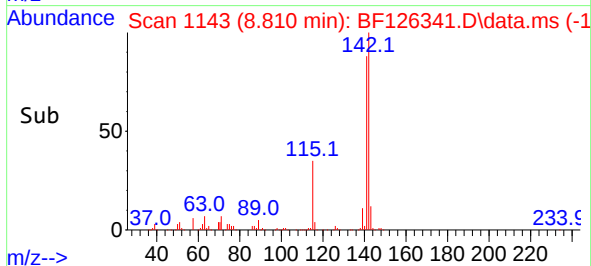
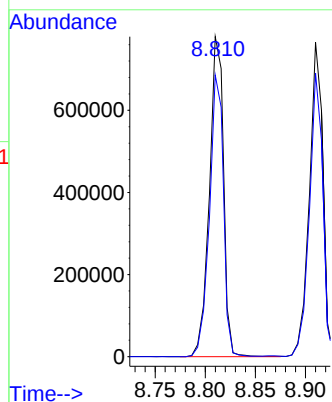
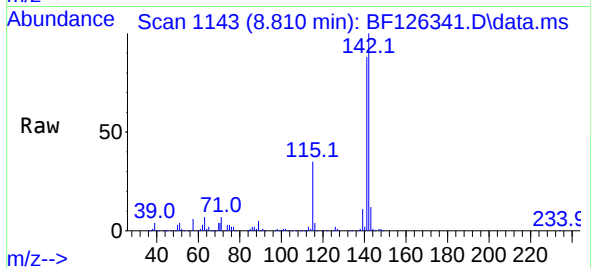
PB141629BS

Tgt Ion:142 Resp: 768239
Ion Ratio Lower Upper
142 100
141 88.0 71.2 106.8

Manual Integrations

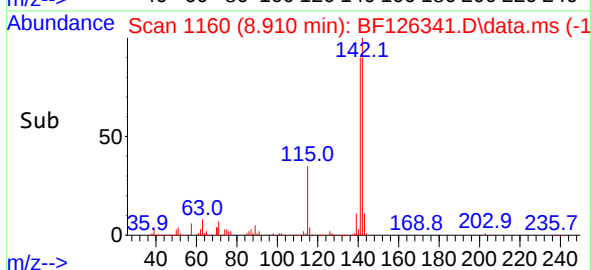
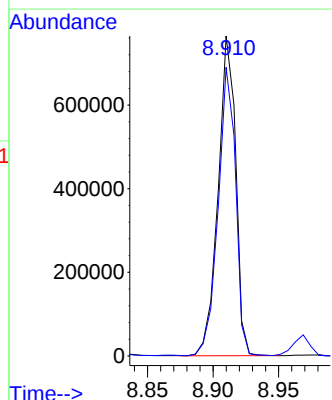
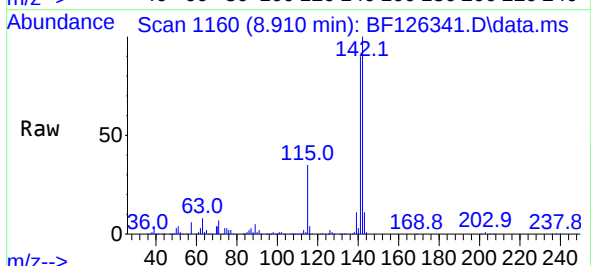
APPROVED

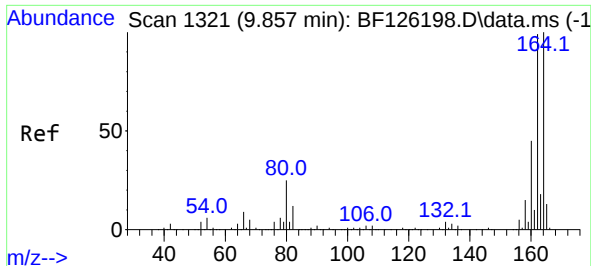
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#38
1-Methylnaphthalene
Concen: 40.872 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:142 Resp: 713046
Ion Ratio Lower Upper
142 100
141 90.2 76.0 114.0





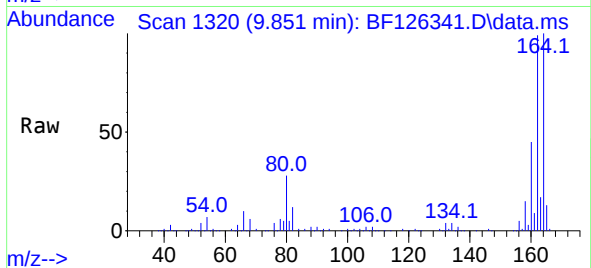
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

PB141629BS

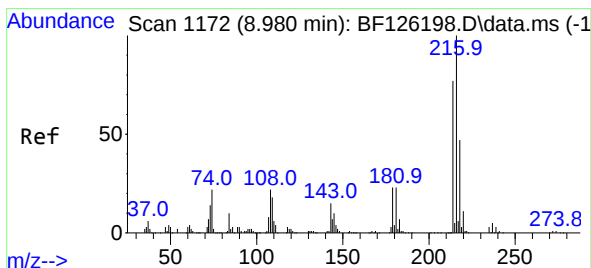
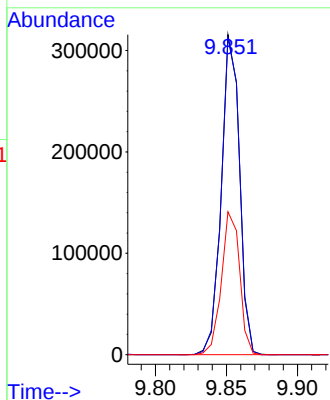
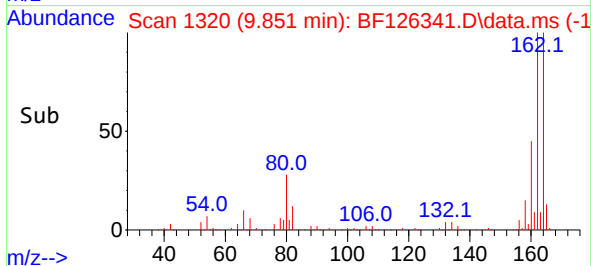


Tgt Ion:164 Resp: 279773
Ion Ratio Lower Upper
164 100
162 99.0 81.3 121.9
160 44.6 38.0 57.0

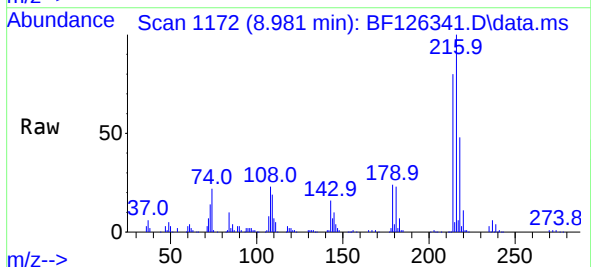
Manual Integrations

APPROVED

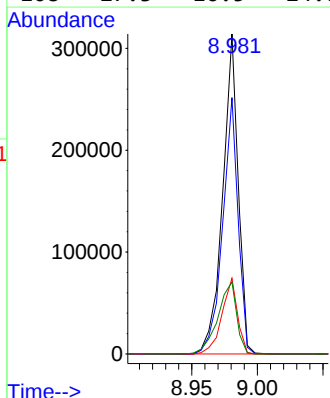
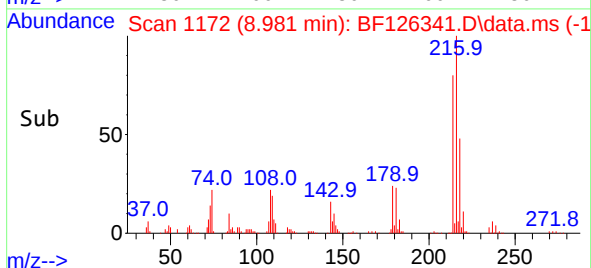
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

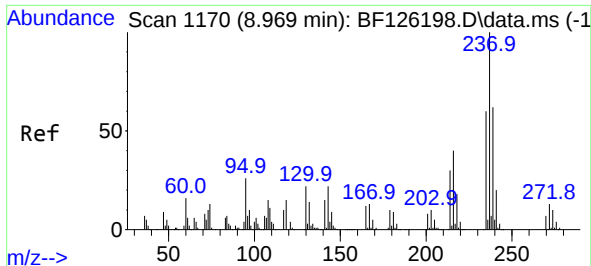


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.665 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion:216 Resp: 257626
Ion Ratio Lower Upper
216 100
214 79.7 64.9 97.3
179 23.8 17.4 26.2
108 27.3 16.5 24.7#





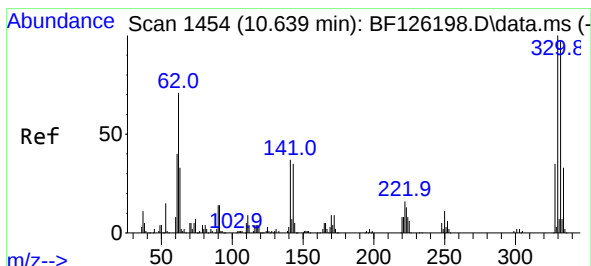
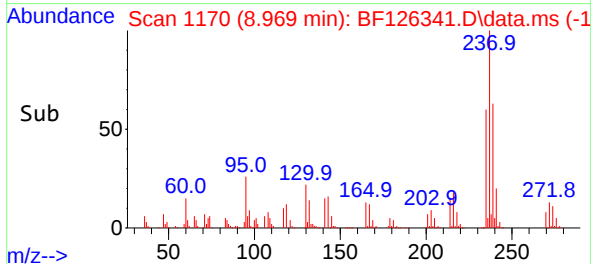
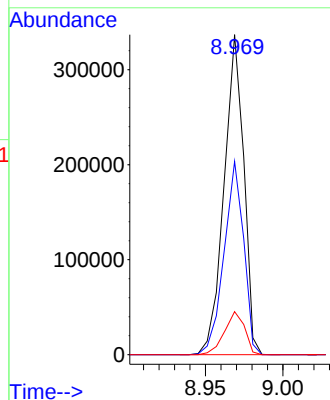
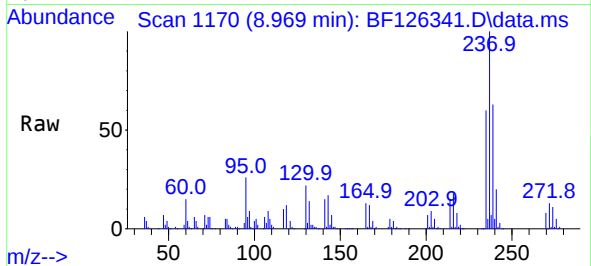
#41
Hexachlorocyclopentadiene
Concen: 86.291 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :
BNA_F
ClientSampleId :
PB141629BS

Tgt Ion:237 Resp: 298370
Ion Ratio Lower Upper
237 100
235 60.4 44.7 84.7
272 13.5 0.0 31.6

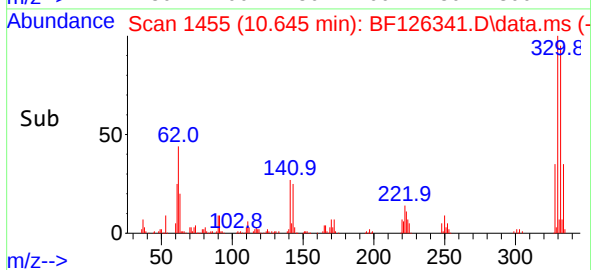
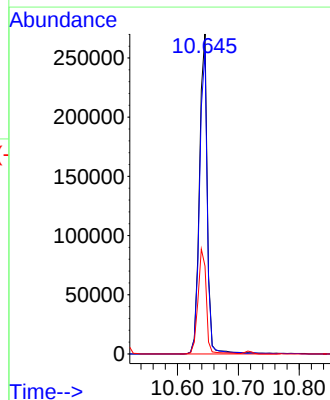
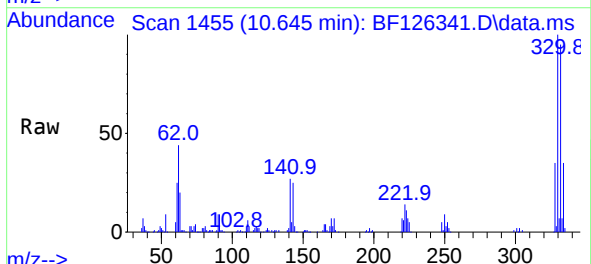
Manual Integrations
APPROVED

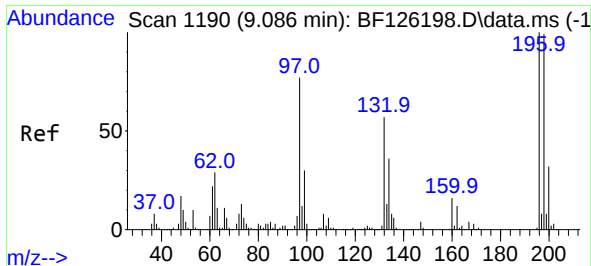
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#42
2,4,6-Tribromophenol
Concen: 107.787 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:330 Resp: 242346
Ion Ratio Lower Upper
330 100
332 93.2 76.2 114.4
141 34.5 44.6 66.8#





#43
2,4,6-Trichlorophenol
Concen: 39.524 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

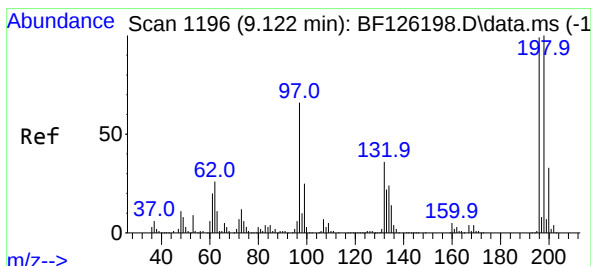
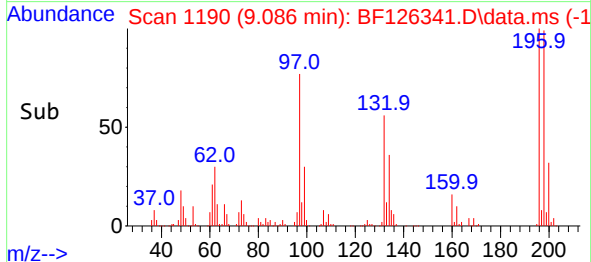
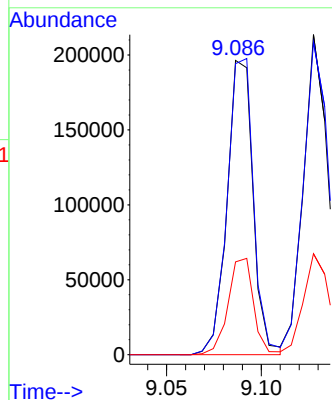
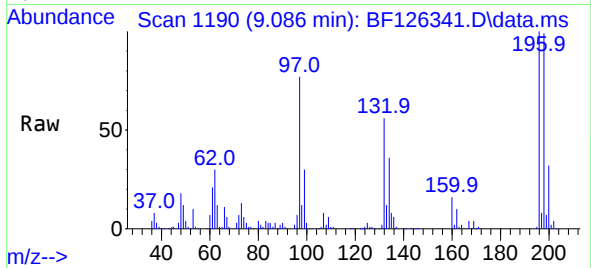
PB141629BS

Tgt Ion:196 Resp: 187730
Ion Ratio Lower Upper
196 100
198 98.9 74.9 112.3
200 31.5 27.0 40.4

Manual Integrations

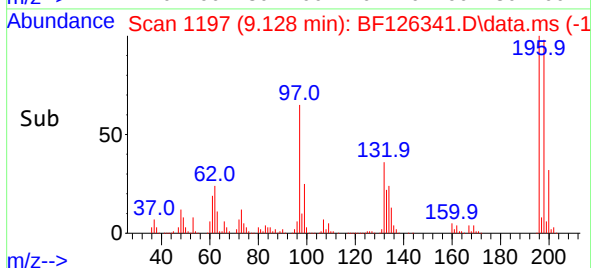
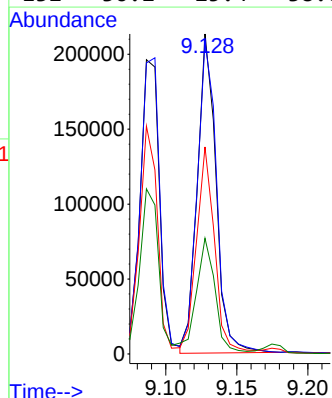
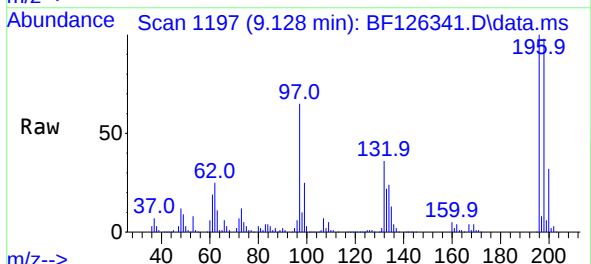
APPROVED

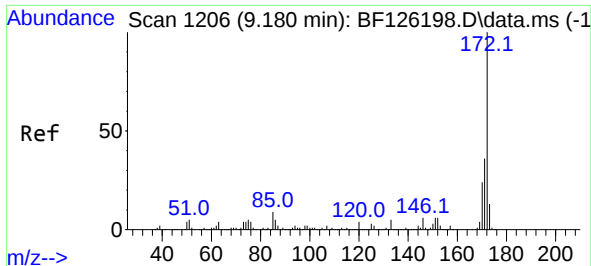
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#44
2,4,5-Trichlorophenol
Concen: 39.822 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:196 Resp: 195881
Ion Ratio Lower Upper
196 100
198 97.7 80.2 120.2
97 64.7 44.0 66.0
132 36.2 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 73.711 ng

RT: 9.175 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF126341.D

Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

PB141629BS

Tgt Ion:172 Resp: 117580

Ion Ratio Lower Upper

172 100

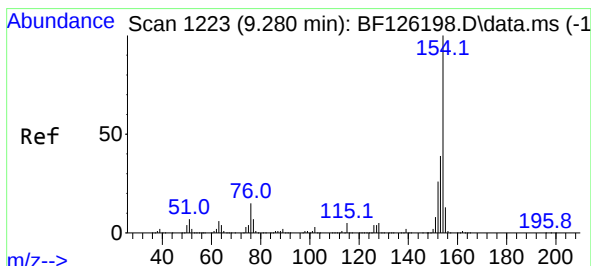
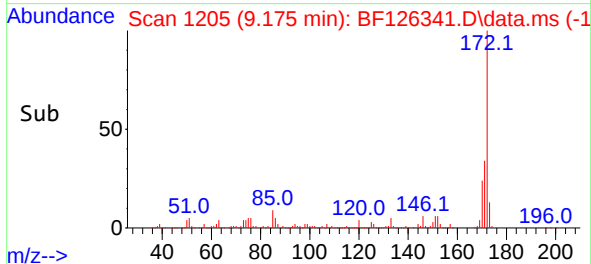
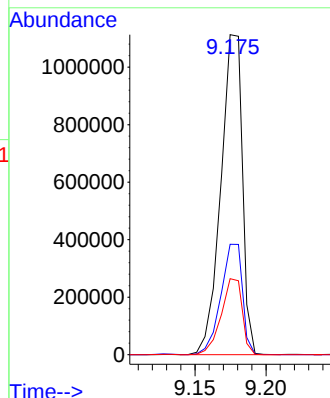
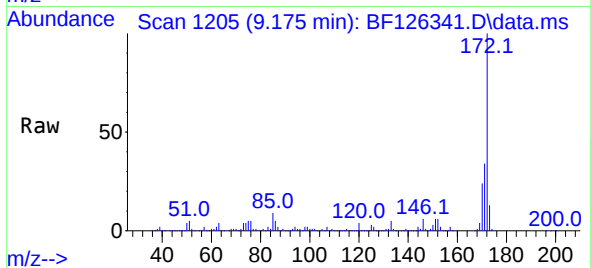
171 34.5 26.5 39.7

170 23.8 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#46

1,1'-Biphenyl

Concen: 42.960 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF126341.D

Acq: 23 Dec 2021 13:33

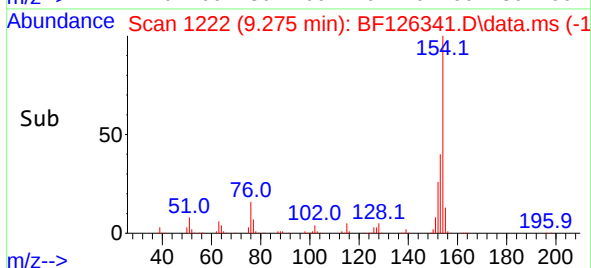
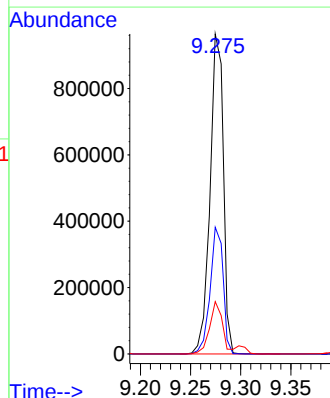
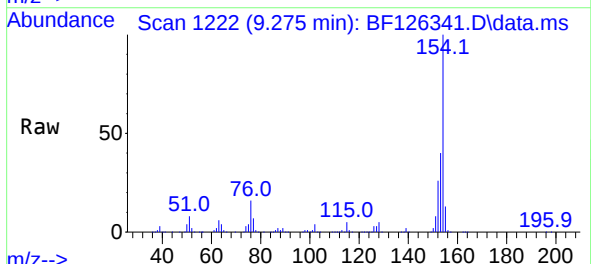
Tgt Ion:154 Resp: 888699

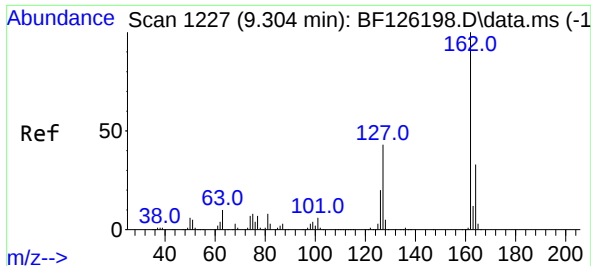
Ion Ratio Lower Upper

154 100

153 39.6 20.0 60.0

76 16.4 0.0 30.3





#47
2-Chloronaphthalene
Concen: 41.535 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

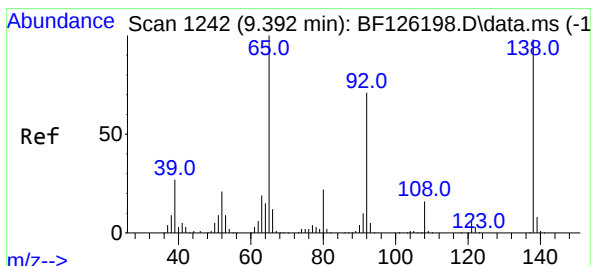
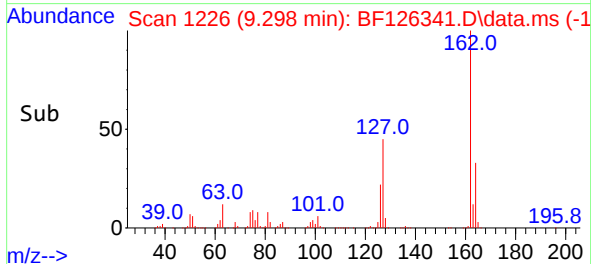
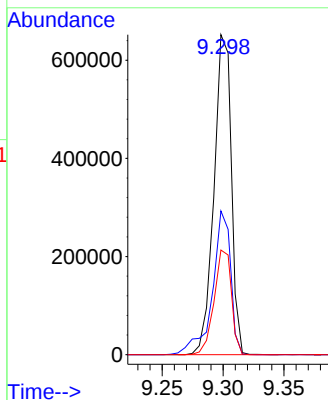
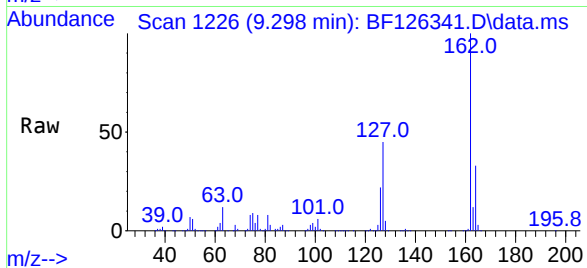
ClientSampleId :

PB141629BS

Tgt Ion:162 Resp: 64646
Ion Ratio Lower Upper
162 100
127 44.9 33.0 49.4
164 32.7 25.8 38.8

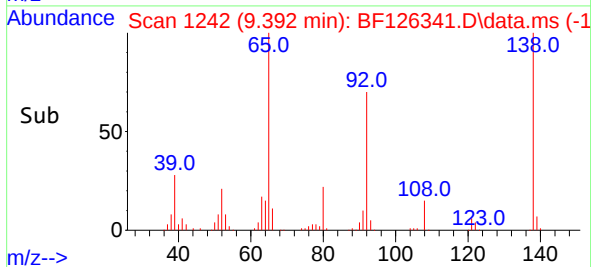
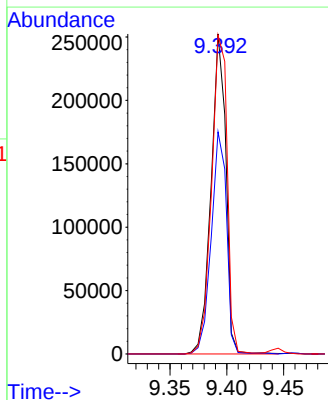
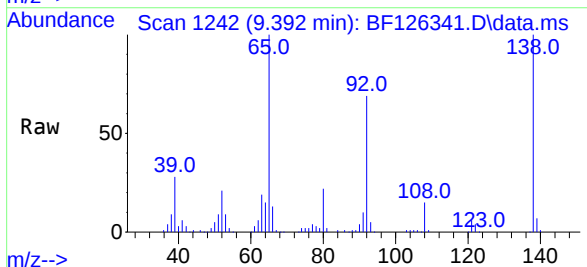
Manual Integrations
APPROVED

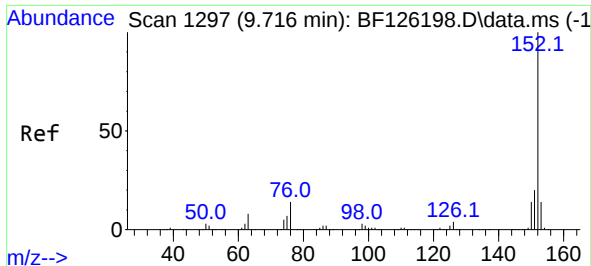
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#48
2-Nitroaniline
Concen: 40.277 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion: 65 Resp: 228815
Ion Ratio Lower Upper
65 100
92 69.4 55.5 83.3
138 99.6 93.5 140.3





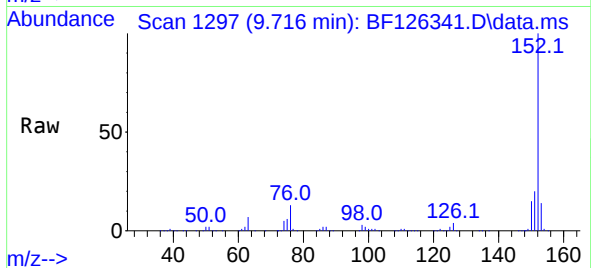
#49
Acenaphthylene
Concen: 41.964 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

PB141629BS

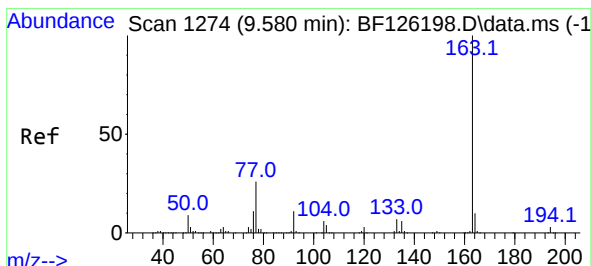
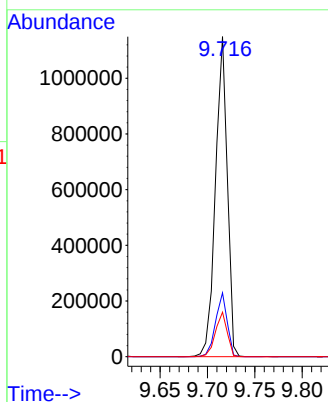
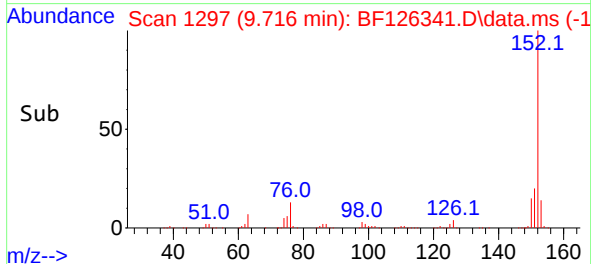


Tgt Ion:152 Resp: 998024
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.9 9.8 14.8

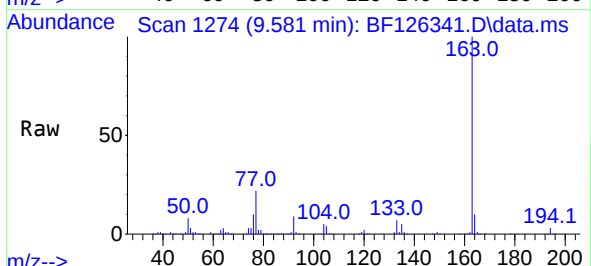
Manual Integrations

APPROVED

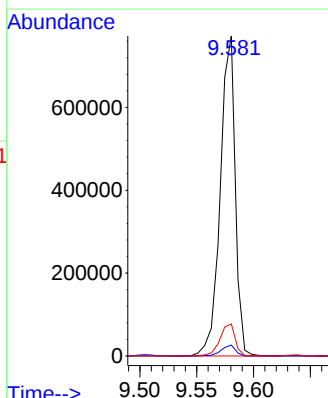
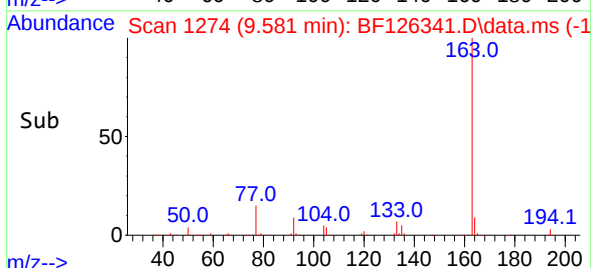
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

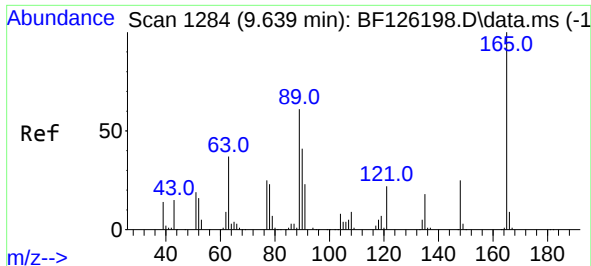


#50
Dimethylphthalate
Concen: 40.185 ng
RT: 9.581 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion:163 Resp: 712166
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 10.0 7.4 11.0





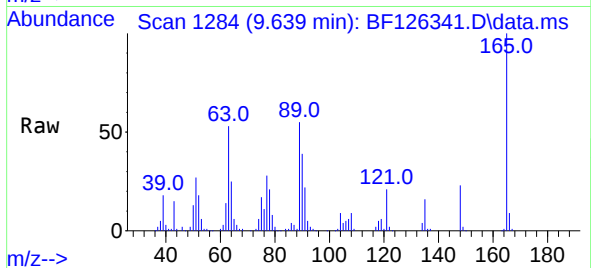
#51
2,6-Dinitrotoluene
Concen: 42.223 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

PB141629BS

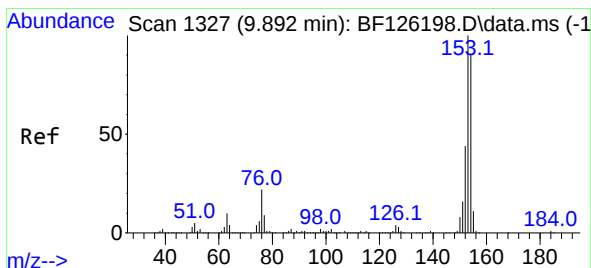
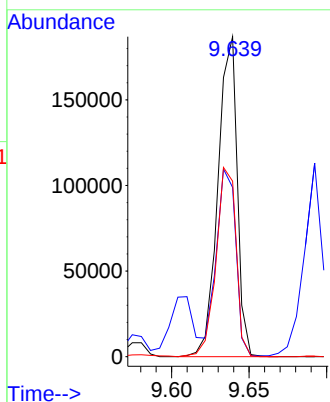
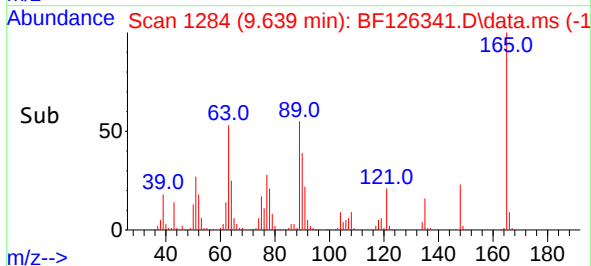


Tgt Ion:165 Resp: 16196
Ion Ratio Lower Upper
165 100
63 52.9 42.6 63.8
89 54.8 40.6 60.8

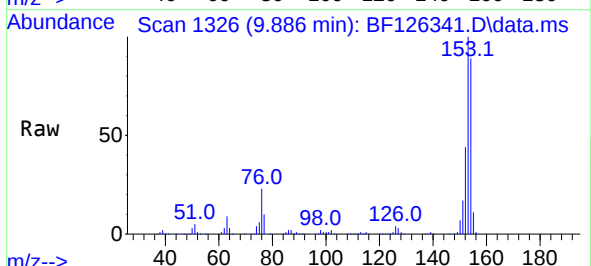
Manual Integrations

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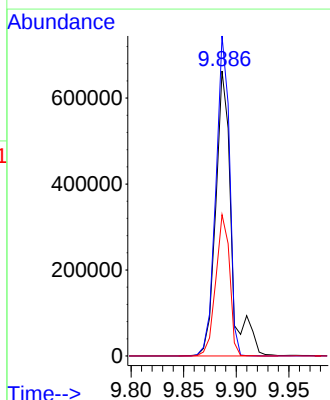
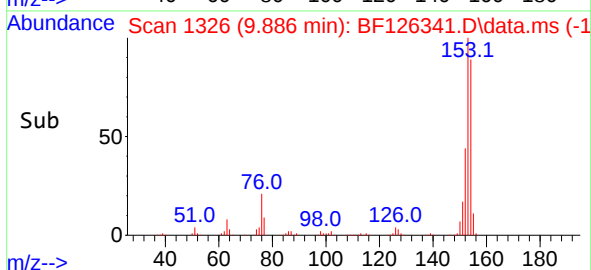
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

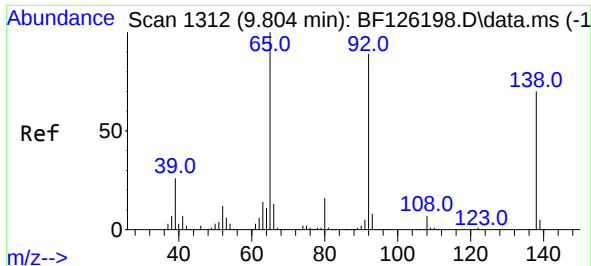


#52
Acenaphthene
Concen: 44.380 ng m
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion:154 Resp: 684490
Ion Ratio Lower Upper
154 100
153 112.3 89.4 134.2
152 49.6 40.5 60.7





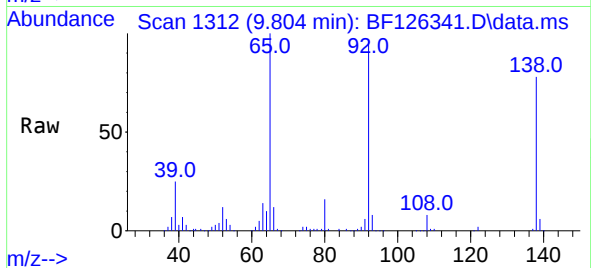
#53
3-Nitroaniline
Concen: 24.074 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

PB141629BS

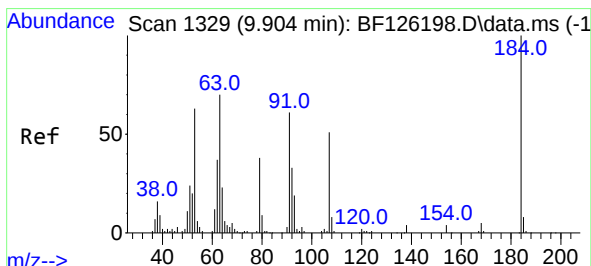
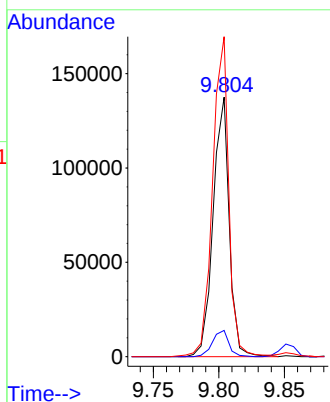
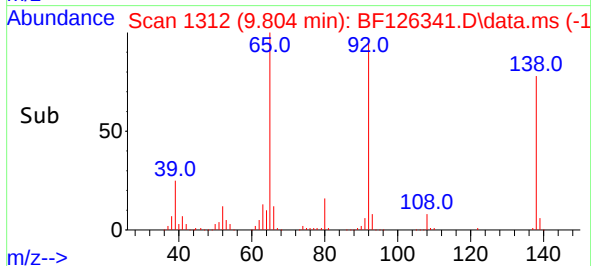


Tgt Ion:138 Resp: 11737
Ion Ratio Lower Upper
138 100
108 10.1 9.3 13.9
92 123.3 76.5 114.7

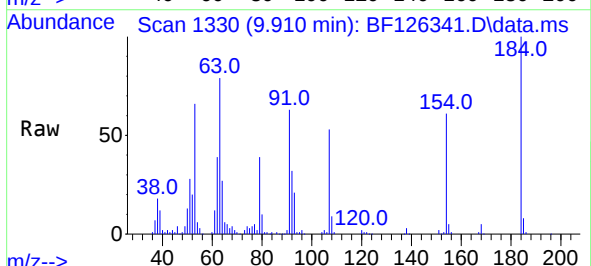
Manual Integrations

APPROVED

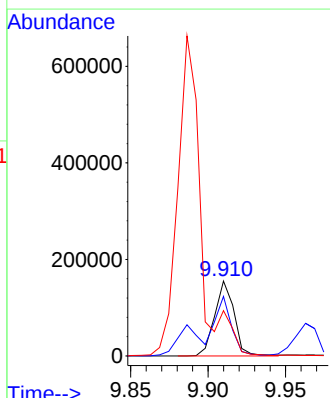
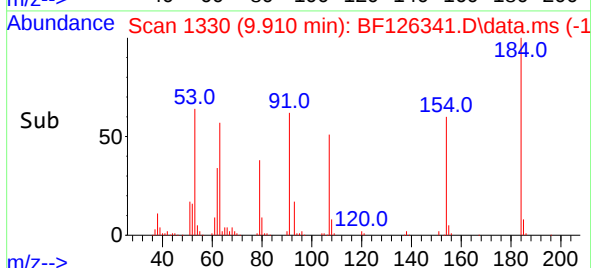
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

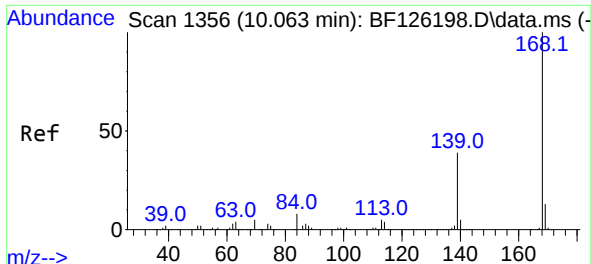


#54
2,4-Dinitrophenol
Concen: 86.033 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion:184 Resp: 135883
Ion Ratio Lower Upper
184 100
63 79.5 59.3 88.9
154 60.6 68.6 102.8





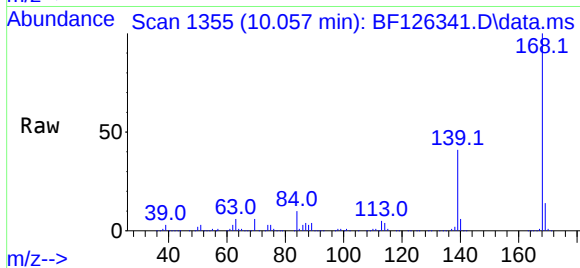
#55
Dibenzenofuran
Concen: 40.390 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

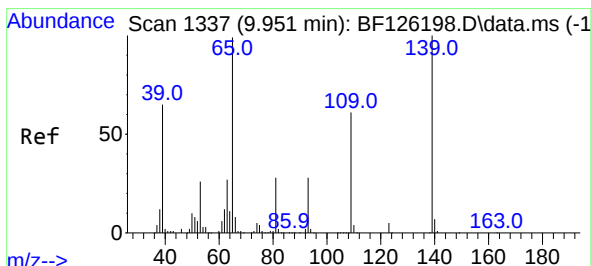
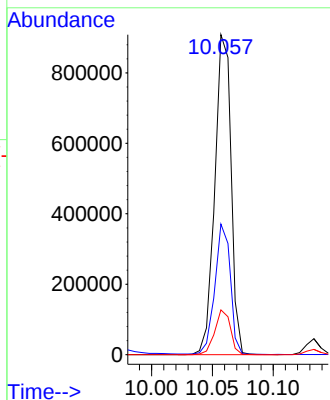
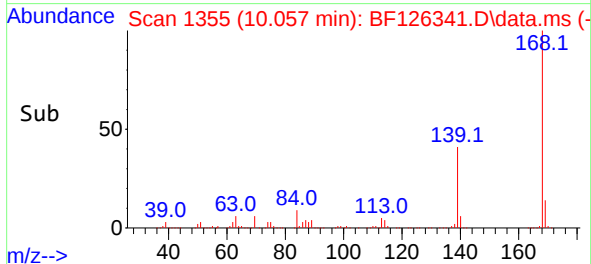
PB141629BS



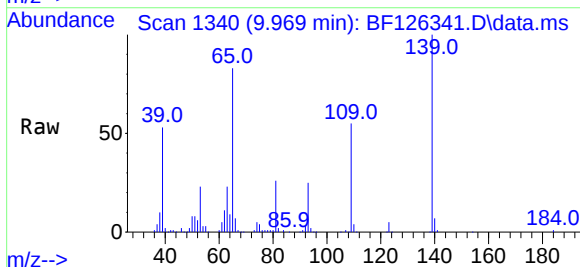
Tgt Ion:168 Resp: 84814
Ion Ratio Lower Upper
168 100
139 40.8 32.7 49.1
169 14.0 11.2 16.8

Manual Integrations
APPROVED

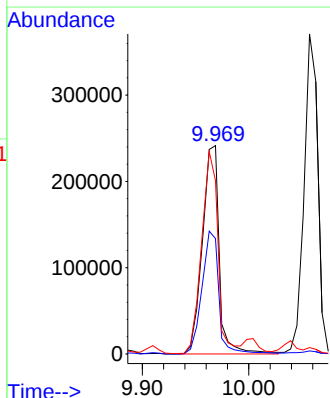
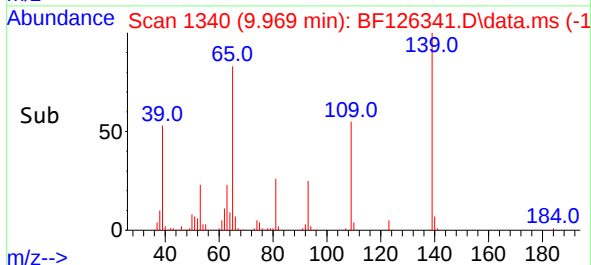
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

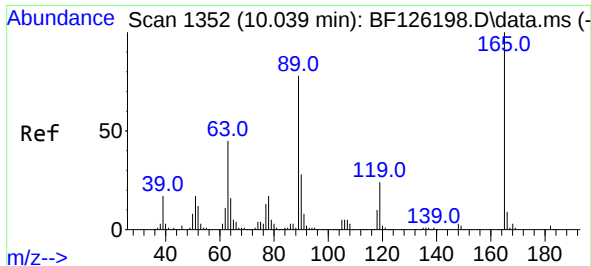


#56
4-Nitrophenol
Concen: 75.963 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion:139 Resp: 267520
Ion Ratio Lower Upper
139 100
109 55.3 60.4 100.4#
65 83.2 58.4 98.4





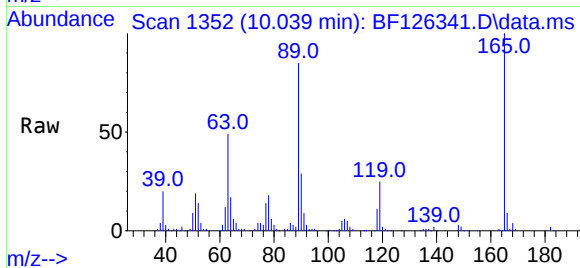
#57
2,4-Dinitrotoluene
Concen: 41.847 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

PB141629BS

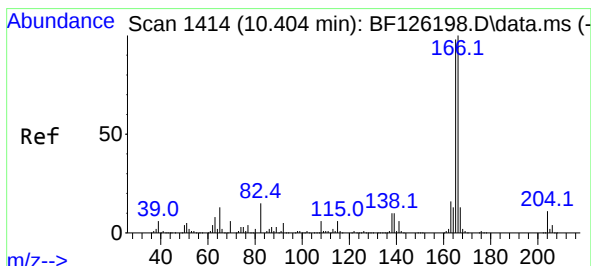
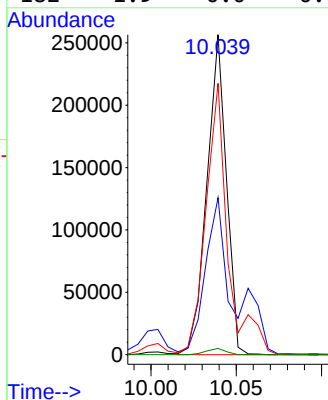
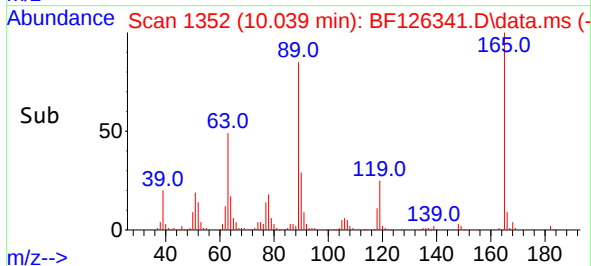


Tgt Ion:165 Resp: 204765
Ion Ratio Lower Upper
165 100
63 49.1 40.9 61.3
89 84.8 59.7 89.5
182 1.9 0.0 0.0#

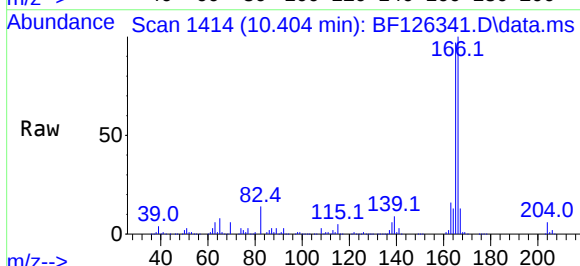
Manual Integrations

APPROVED

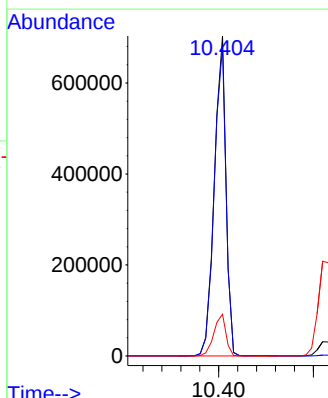
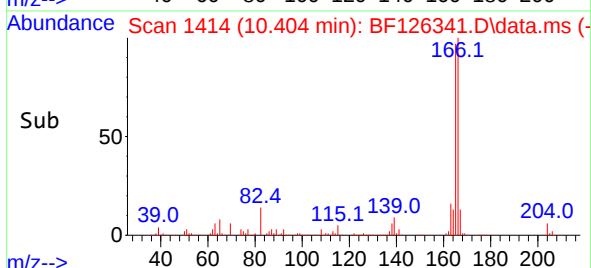
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

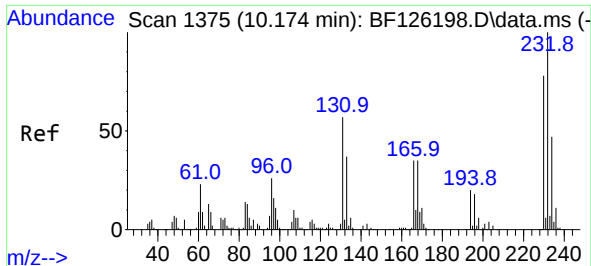


#58
Fluorene
Concen: 39.408 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion:166 Resp: 599073
Ion Ratio Lower Upper
166 100
165 96.7 78.1 117.1
167 13.0 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.717 ng
RT: 10.175 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

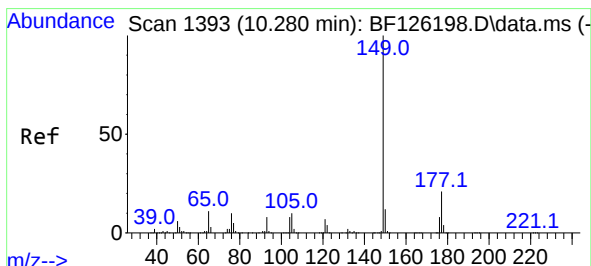
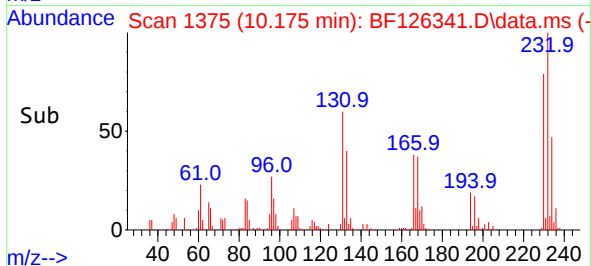
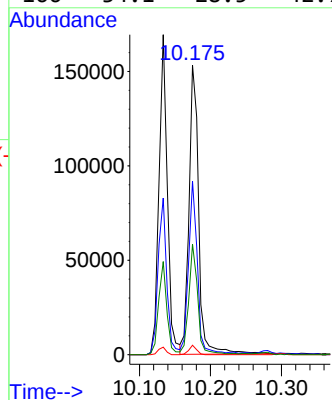
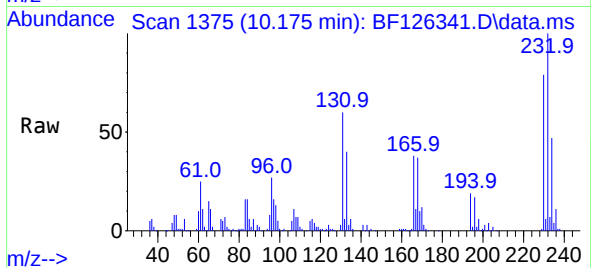
PB141629BS

Tgt Ion:232 Resp: 144850
Ion Ratio Lower Upper
232 100
131 54.8 45.4 68.0
130 2.6 0.0 0.0
166 34.1 28.5 42.7

Manual Integrations

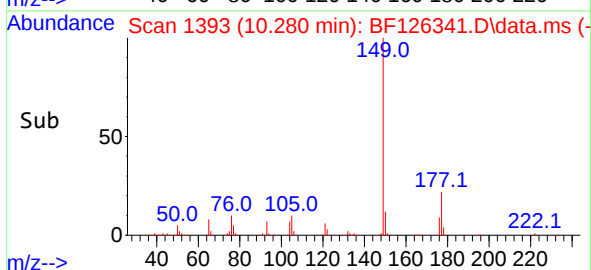
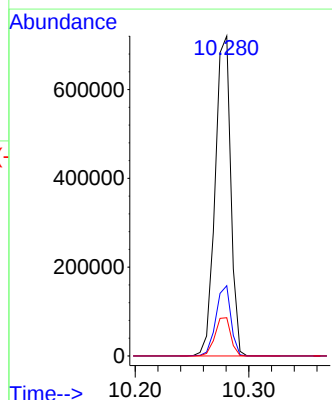
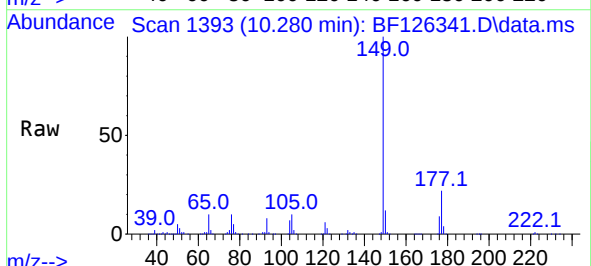
APPROVED

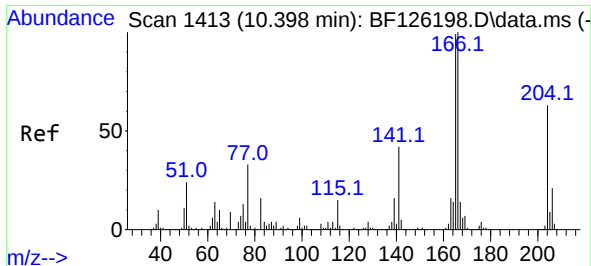
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#60
Diethylphthalate
Concen: 38.542 ng
RT: 10.280 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:149 Resp: 686430
Ion Ratio Lower Upper
149 100
177 22.0 16.5 24.7
150 12.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 38.098 ng
RT: 10.392 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

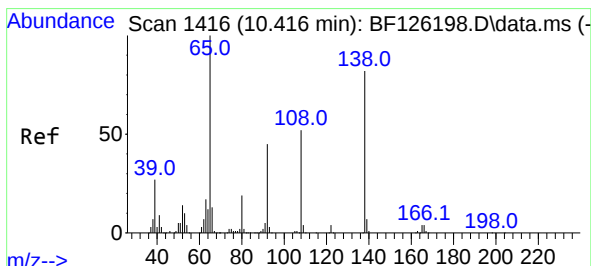
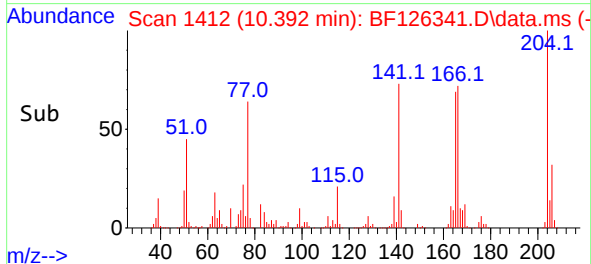
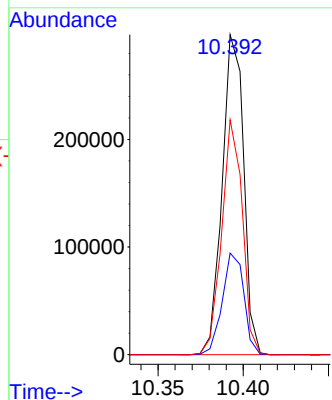
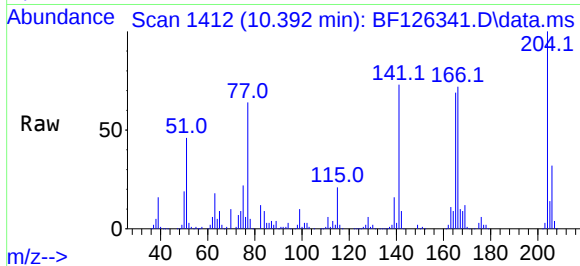
PB141629BS

Tgt Ion:204 Resp: 260760
Ion Ratio Lower Upper
204 100
206 31.8 27.6 41.4
141 73.4 58.6 88.0

Manual Integrations

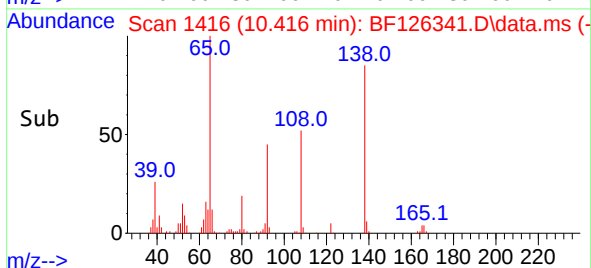
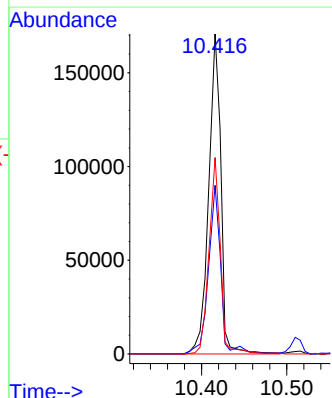
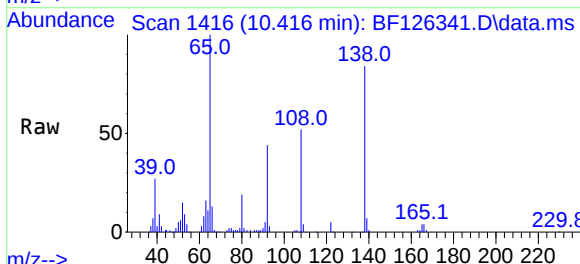
APPROVED

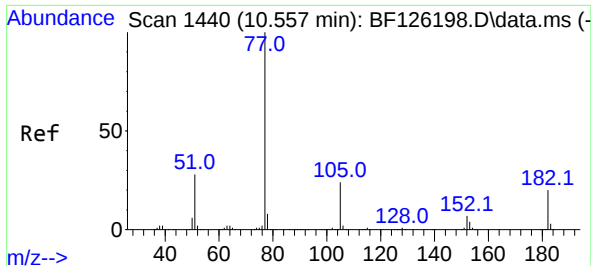
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#62
4-Nitroaniline
Concen: 41.596 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:138 Resp: 170123
Ion Ratio Lower Upper
138 100
92 52.7 29.6 69.6
108 61.4 78.1 118.1#





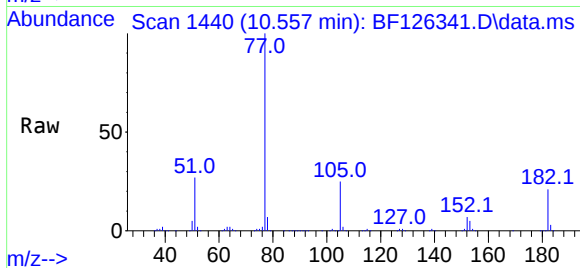
#63
Azobenzene
Concen: 39.120 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

PB141629BS

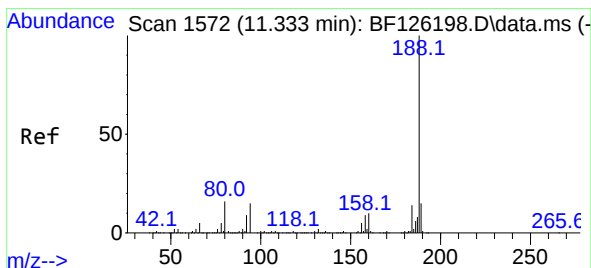
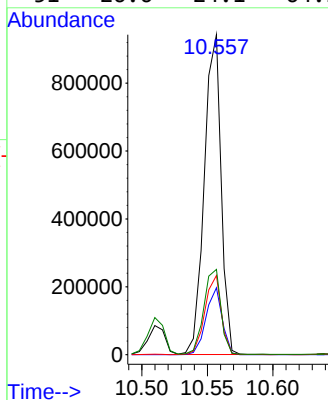
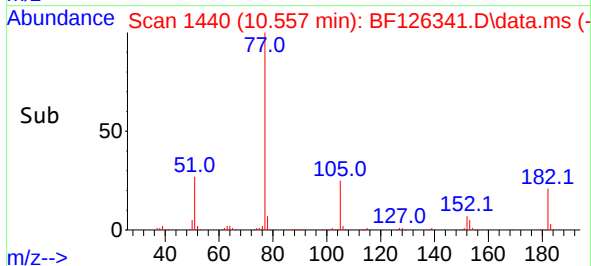


Tgt Ion: 77 Resp: 843880
Ion Ratio Lower Upper
77 100
182 20.9 6.3 46.3
105 24.8 2.9 42.9
51 26.6 24.1 64.1

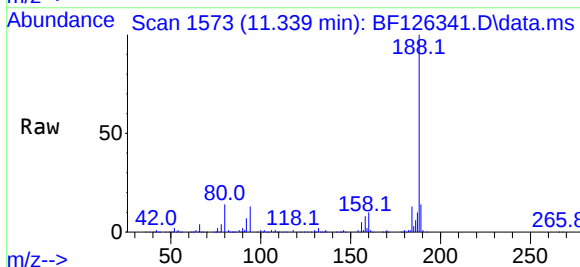
Manual Integrations

APPROVED

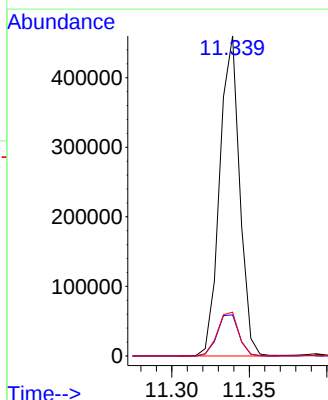
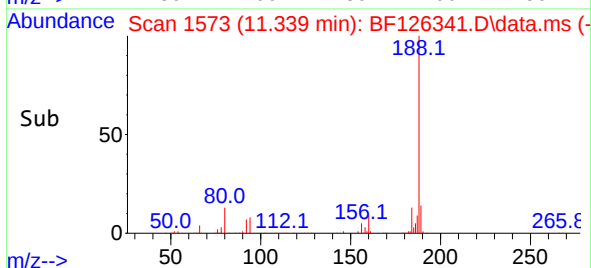
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

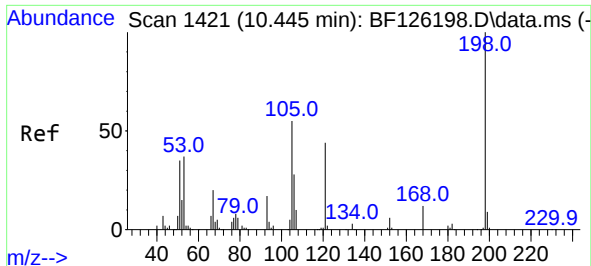


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion:188 Resp: 411557
Ion Ratio Lower Upper
188 100
94 12.8 6.7 10.1#
80 13.7 7.5 11.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 40.029 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

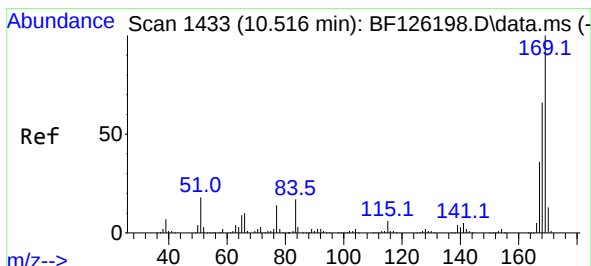
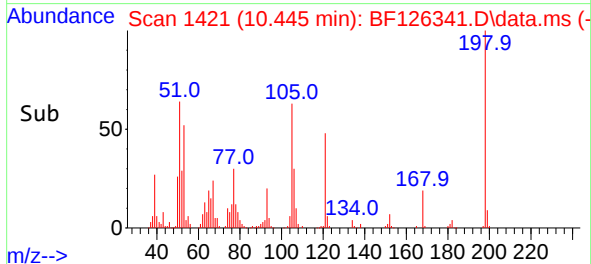
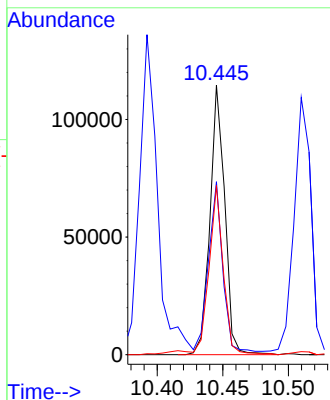
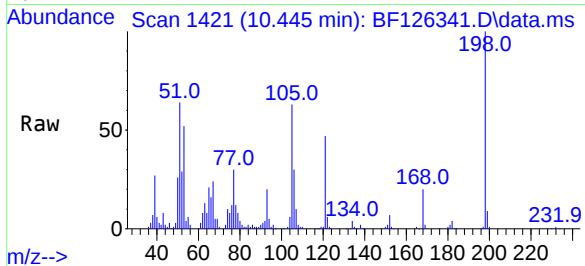
PB141629BS

Tgt Ion:198 Resp: 8995
Ion Ratio Lower Upper
198 100
51 64.1 45.3 85.3
105 62.8 30.6 70.6

Manual Integrations

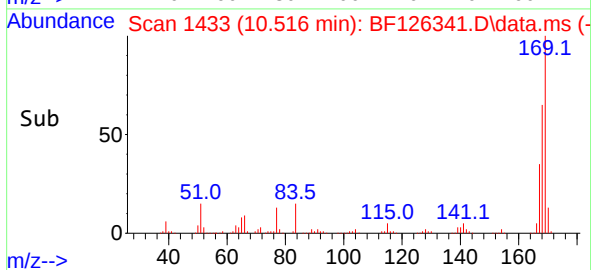
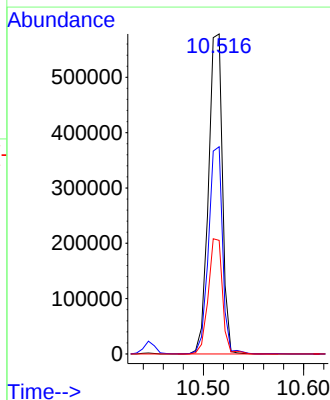
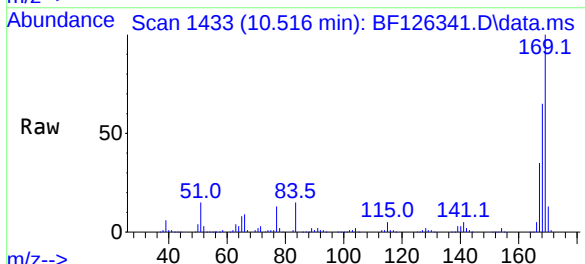
APPROVED

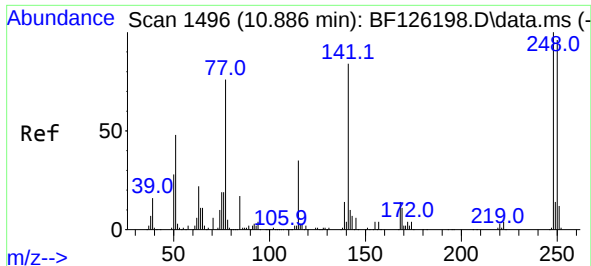
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#66
n-Nitrosodiphenylamine
Concen: 42.424 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:169 Resp: 560351
Ion Ratio Lower Upper
169 100
168 64.7 50.8 76.2
167 35.5 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 41.980 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

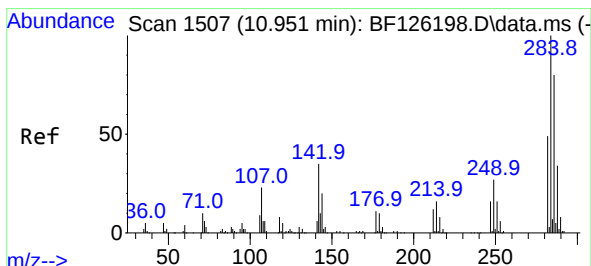
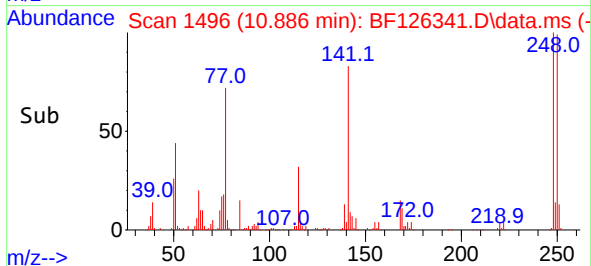
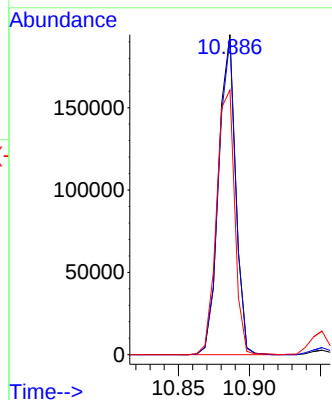
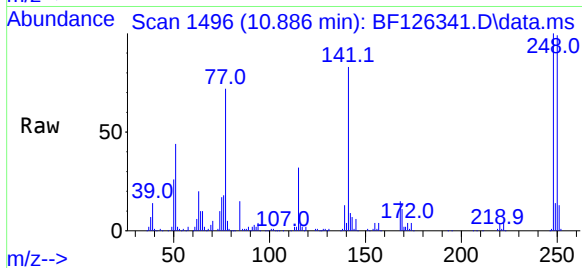
PB141629BS

Tgt Ion:248 Resp: 16215
Ion Ratio Lower Upper
248 100
250 98.6 74.2 111.4
141 82.7 60.4 90.6

Manual Integrations

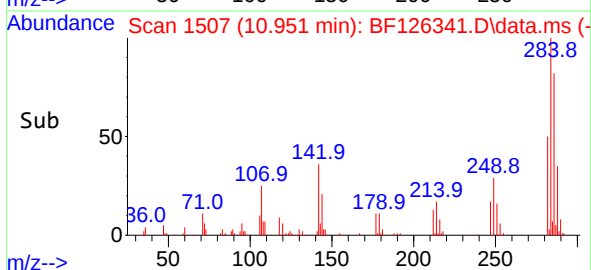
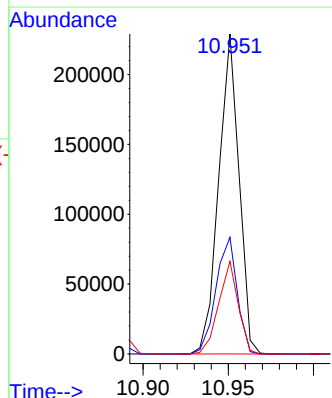
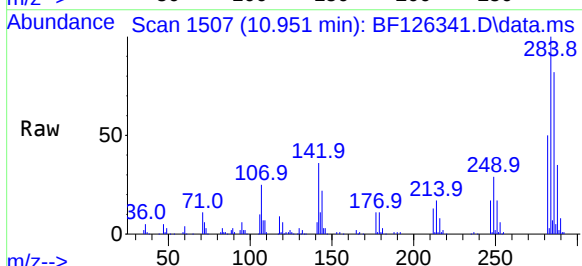
APPROVED

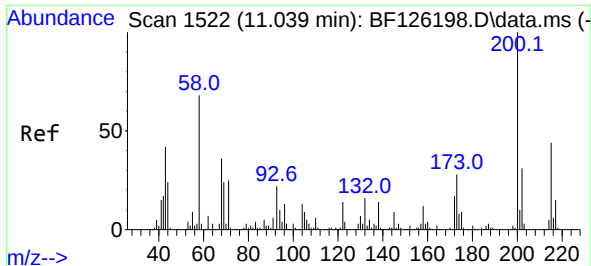
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#68
Hexachlorobenzene
Concen: 42.699 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:284 Resp: 189685
Ion Ratio Lower Upper
284 100
142 36.5 36.4 54.6
249 28.9 25.6 38.4





#69
Atrazine
Concen: 65.601 ng
RT: 11.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

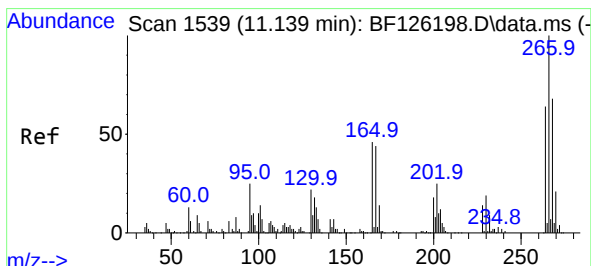
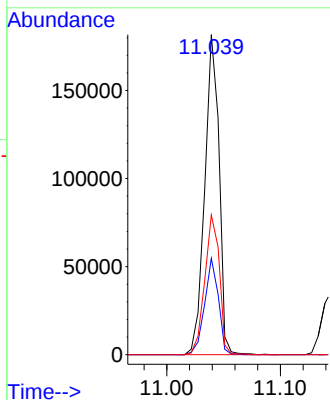
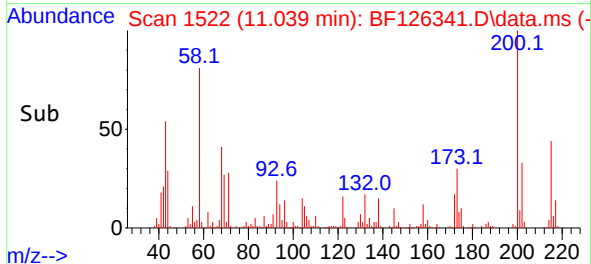
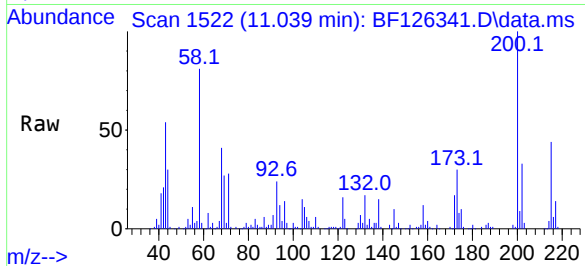
PB141629BS

Tgt Ion:200 Resp: 15878
Ion Ratio Lower Upper
200 100
173 30.1 11.1 51.1
215 43.7 22.7 62.7

Manual Integrations

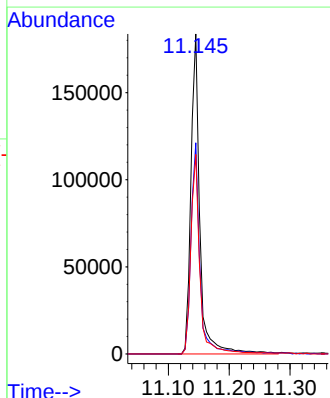
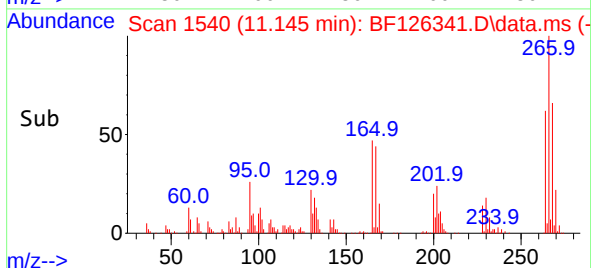
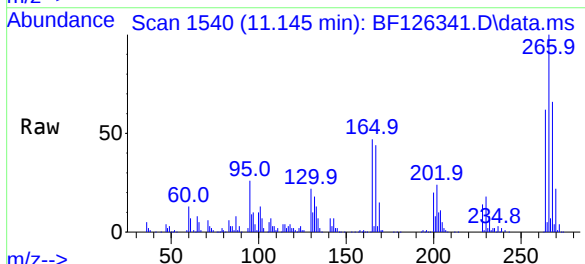
APPROVED

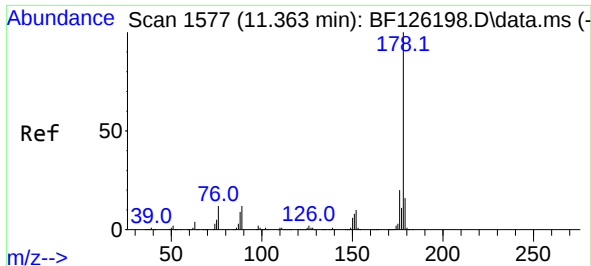
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#70
Pentachlorophenol
Concen: 76.243 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:266 Resp: 187901
Ion Ratio Lower Upper
266 100
268 66.0 48.9 73.3
264 62.3 55.9 83.9





#71
Phenanthrene
Concen: 41.981 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

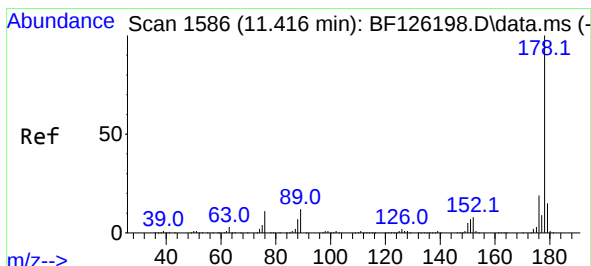
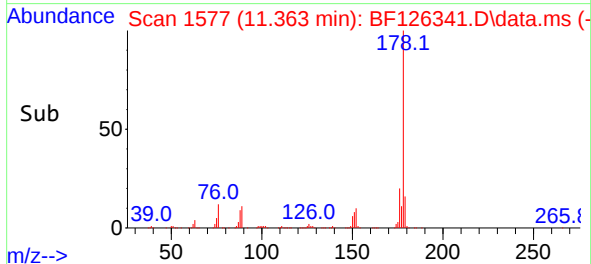
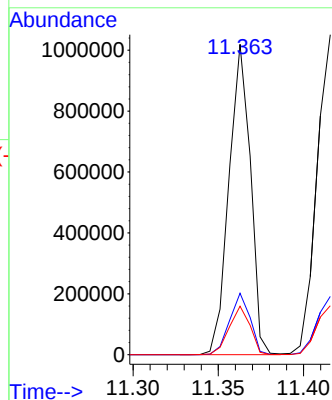
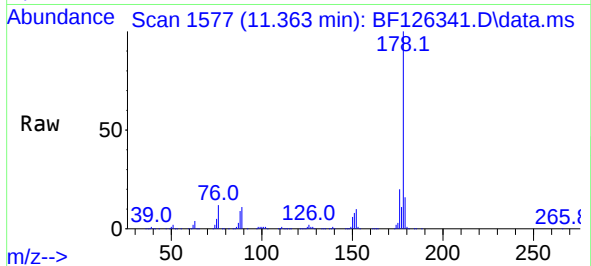
PB141629BS

Tgt Ion:178 Resp: 891744
Ion Ratio Lower Upper
178 100
176 19.8 14.7 22.1
179 15.6 11.5 17.3

Manual Integrations

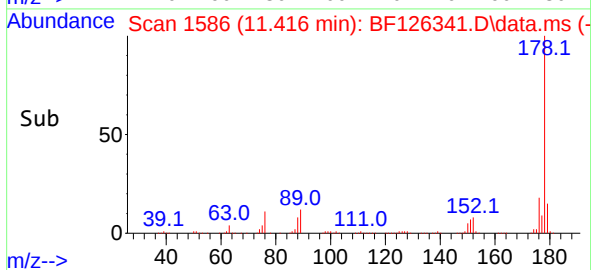
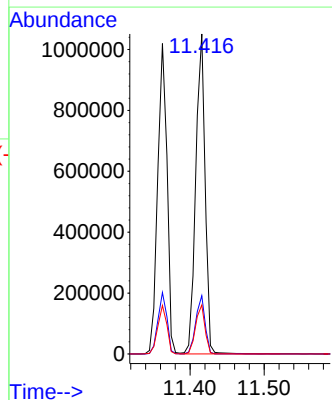
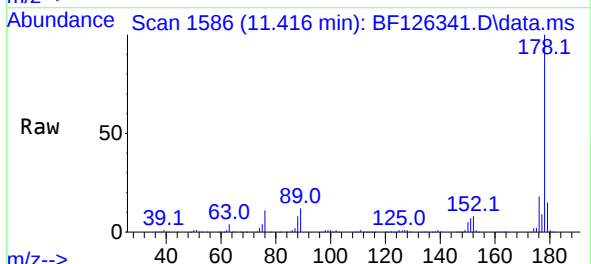
APPROVED

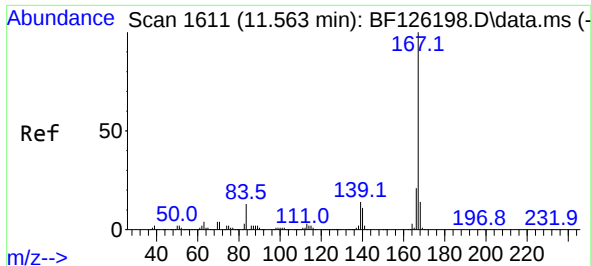
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#72
Anthracene
Concen: 43.154 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

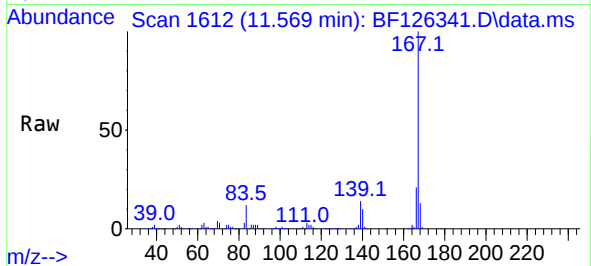
Tgt Ion:178 Resp: 920077
Ion Ratio Lower Upper
178 100
176 18.2 14.3 21.5
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 39.155 ng
 RT: 11.569 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF126341.D
 Acq: 23 Dec 2021 13:33

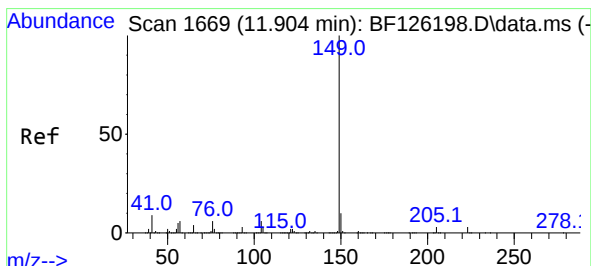
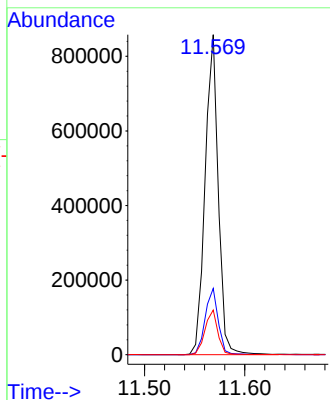
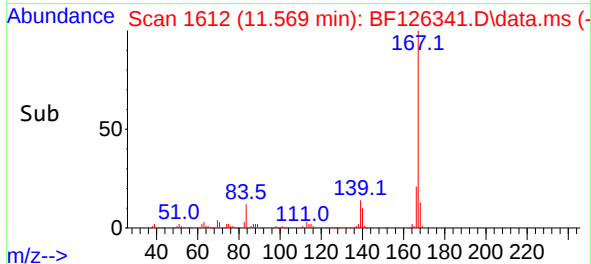
Instrument :
 BNA_F
 ClientSampleId :
 PB141629BS



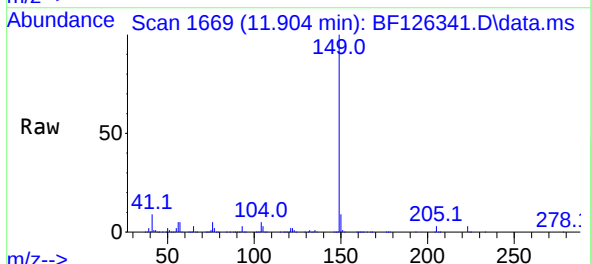
Tgt Ion:167 Resp: 786169
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.4 26.0
 139 14.0 11.0 16.4

Manual Integrations
 APPROVED

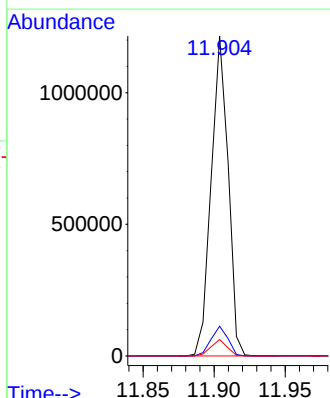
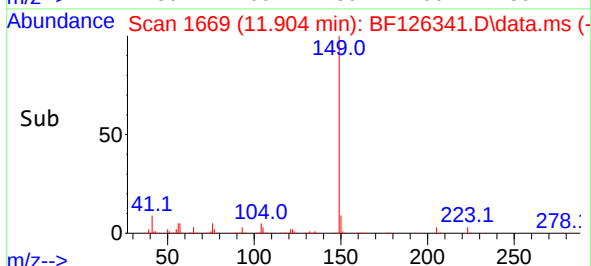
Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021

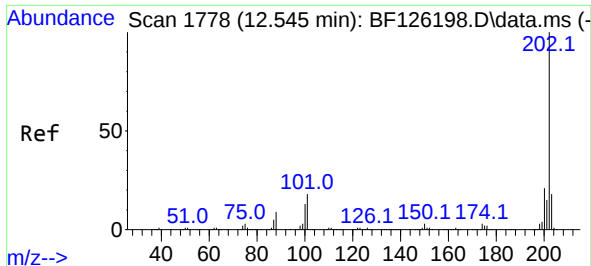


#74
 Di-n-butylphthalate
 Concen: 39.532 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF126341.D
 Acq: 23 Dec 2021 13:33



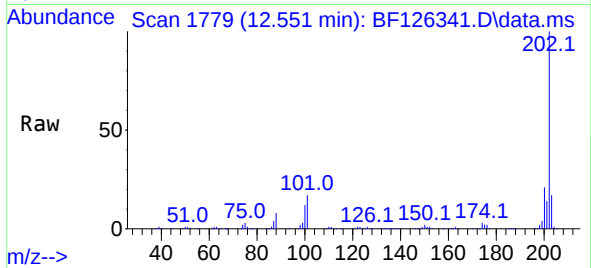
Tgt Ion:149 Resp: 1006233
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 40.104 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

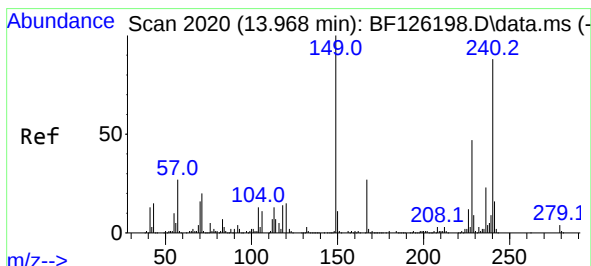
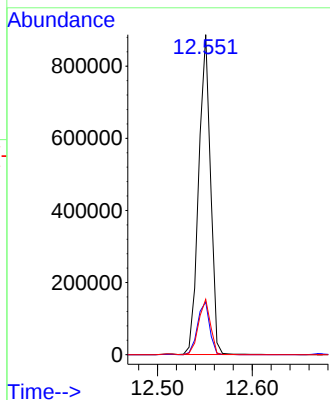
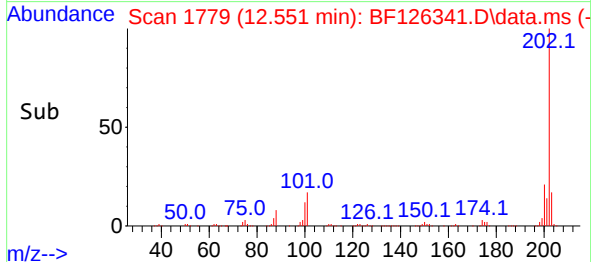
Instrument :
BNA_F
ClientSampleId :
PB141629BS



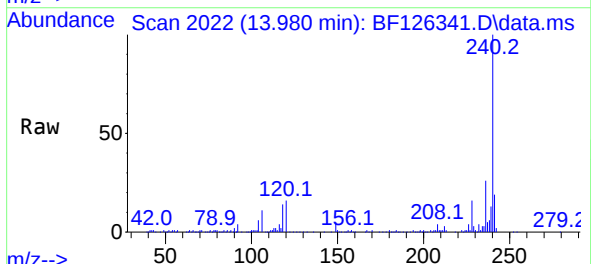
Tgt Ion:202 Resp: 767529
Ion Ratio Lower Upper
202 100
101 16.5 0.0 30.7
203 17.3 0.0 36.3

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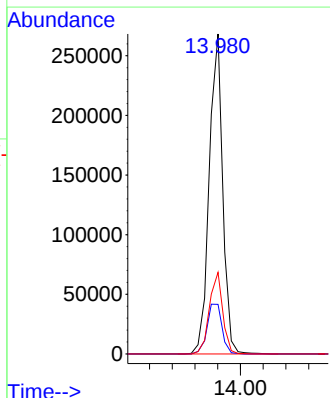
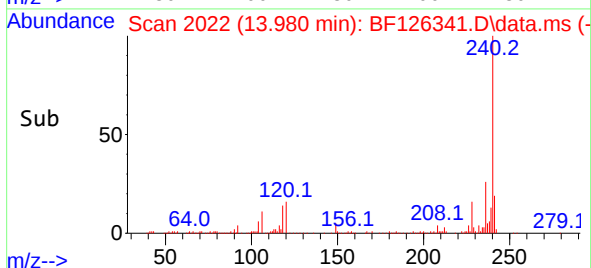
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

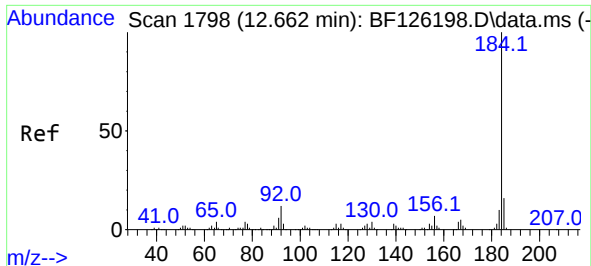


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



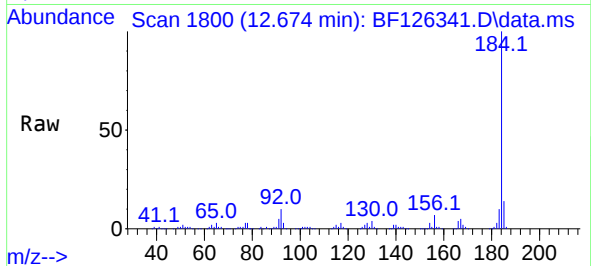
Tgt Ion:240 Resp: 220627
Ion Ratio Lower Upper
240 100
120 15.5 10.8 16.2
236 25.5 21.6 32.4





#77
Benzidine
Concen: 96.394 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

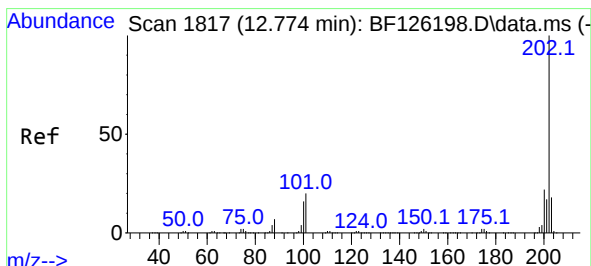
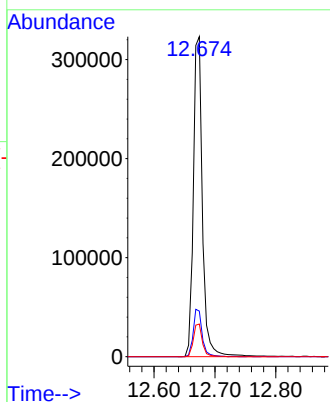
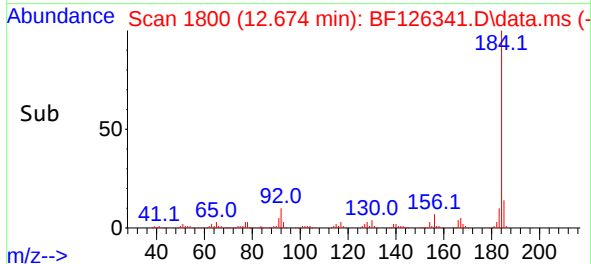
Instrument :
BNA_F
ClientSampleId :
PB141629BS



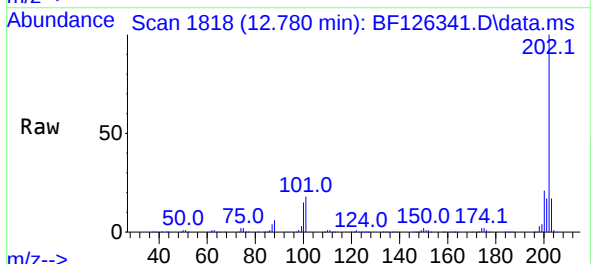
Tgt Ion:184 Resp: 335280
Ion Ratio Lower Upper
184 100
185 14.3 10.8 16.2
183 10.2 8.1 12.1

Manual Integrations
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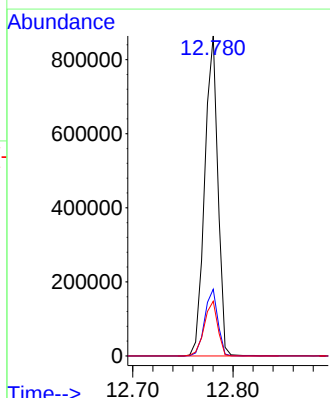
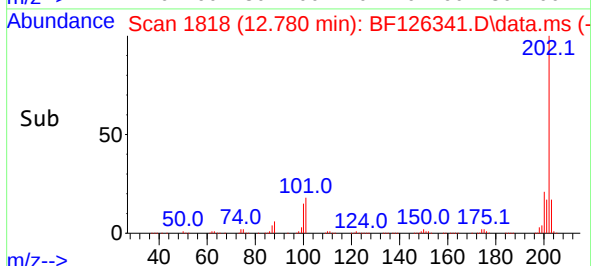
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

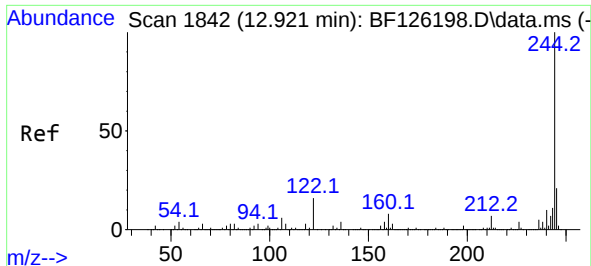


#78
Pyrene
Concen: 39.179 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion:202 Resp: 794146
Ion Ratio Lower Upper
202 100
200 20.8 15.3 22.9
203 17.1 13.4 20.0





#79
Terphenyl-d14
Concen: 71.114 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

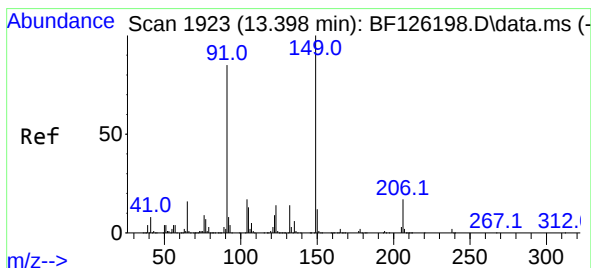
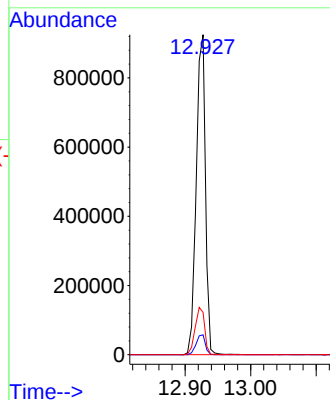
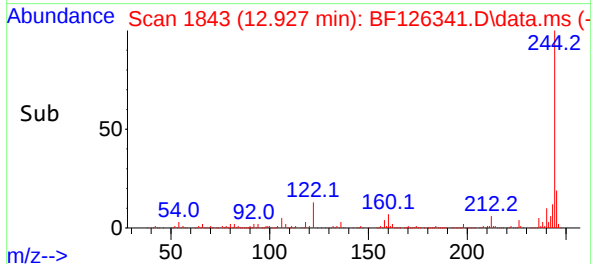
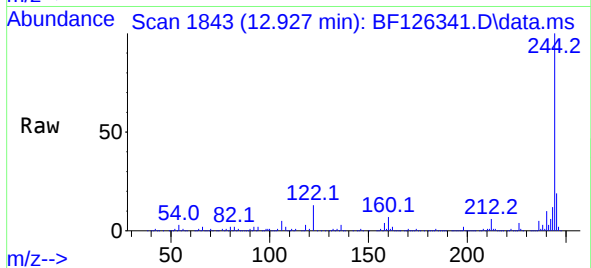
PB141629BS

Tgt Ion:244 Resp: 90268
Ion Ratio Lower Upper
244 100
212 6.2 5.9 8.9
122 13.2 9.0 13.4

Manual Integrations

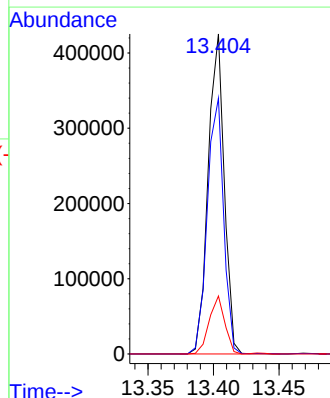
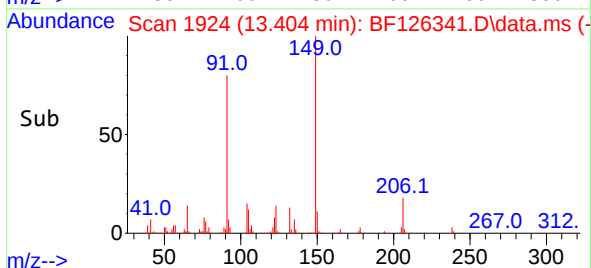
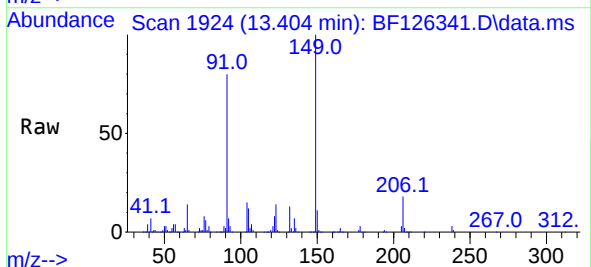
APPROVED

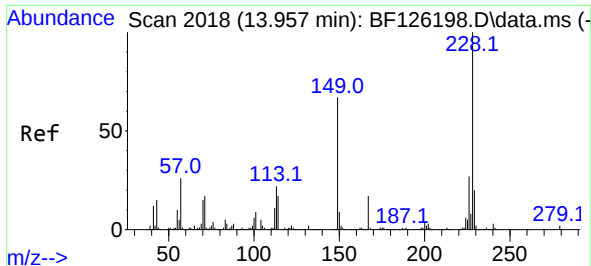
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#80
Butylbenzylphthalate
Concen: 38.121 ng
RT: 13.404 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:149 Resp: 363609
Ion Ratio Lower Upper
149 100
91 79.9 51.8 77.8#
206 18.1 14.5 21.7





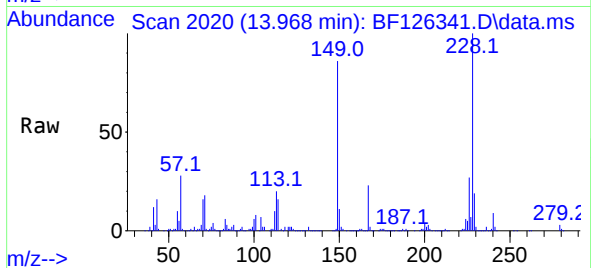
#81
Benzo(a)anthracene
Concen: 40.540 ng
RT: 13.968 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

PB141629BS

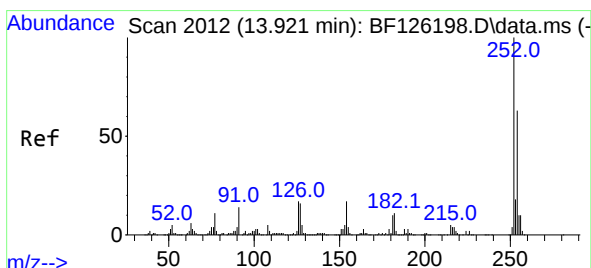
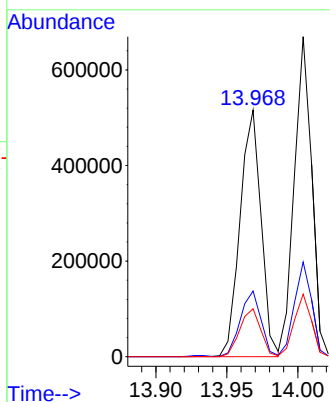
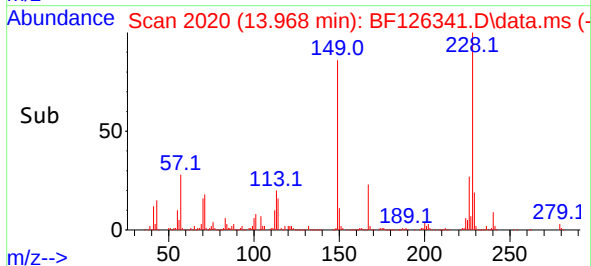


Tgt Ion:228 Resp: 529807
Ion Ratio Lower Upper
228 100
226 26.6 21.6 32.4
229 19.5 15.6 23.4

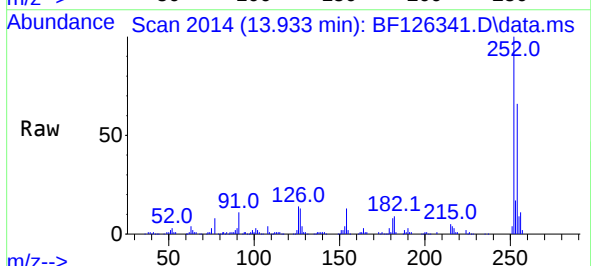
Manual Integrations

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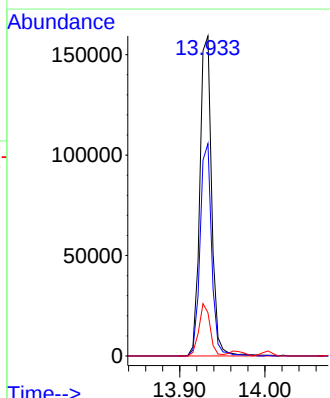
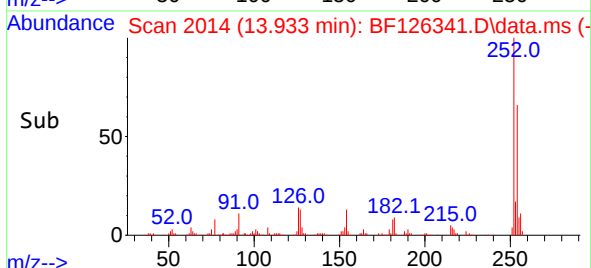
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

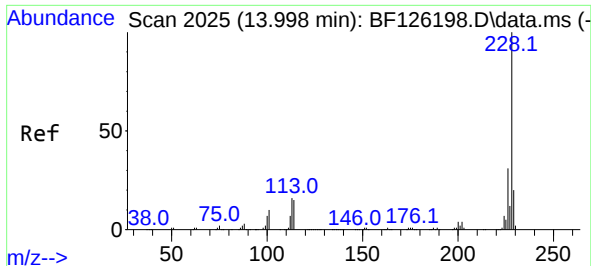


#82
3,3'-Dichlorobenzidine
Concen: 25.669 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



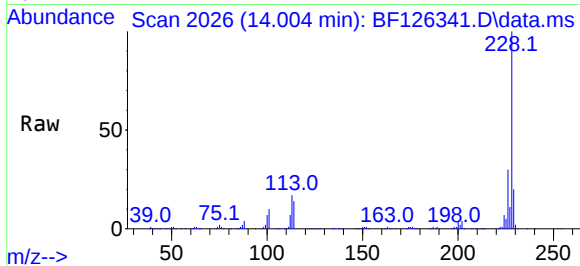
Tgt Ion:252 Resp: 153258
Ion Ratio Lower Upper
252 100
254 66.4 51.4 77.0
126 13.5 9.5 14.3





#83
Chrysene
Concen: 42.473 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

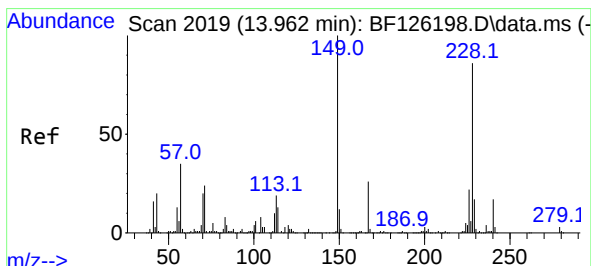
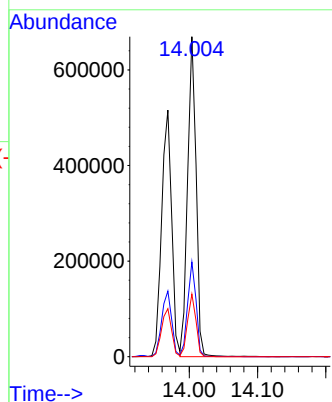
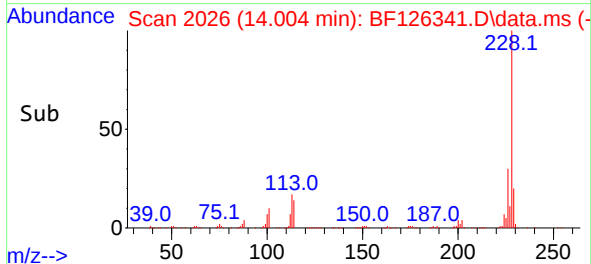
Instrument :
BNA_F
ClientSampleId :
PB141629BS



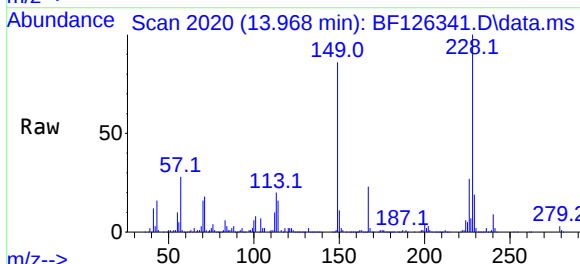
Tgt Ion:228 Resp: 576720
Ion Ratio Lower Upper
228 100
226 29.6 22.6 34.0
229 19.6 15.9 23.9

Manual Integrations
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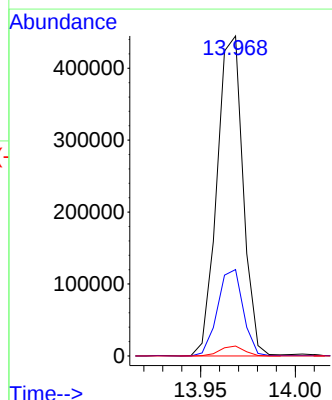
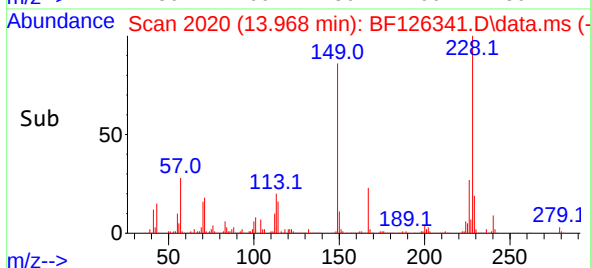
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

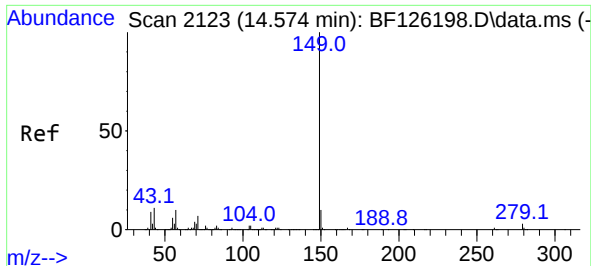


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.934 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion:149 Resp: 425650
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 3.1 2.6 4.0





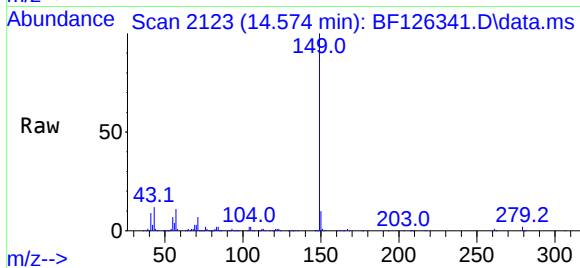
#85
Di-n-octyl phthalate
Concen: 45.099 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

PB141629BS

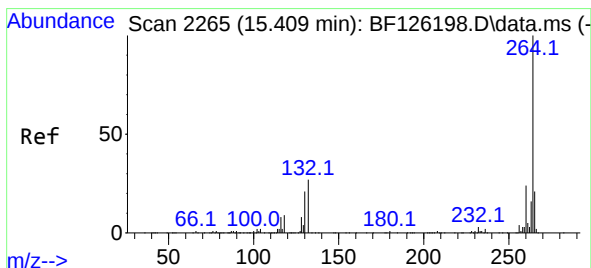
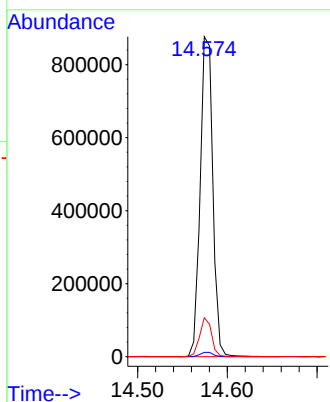
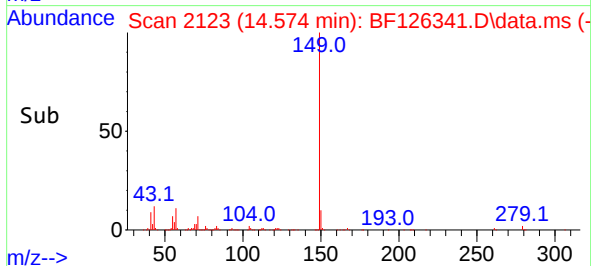


Tgt Ion:149 Resp: 856910
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 11.5 9.9 14.9

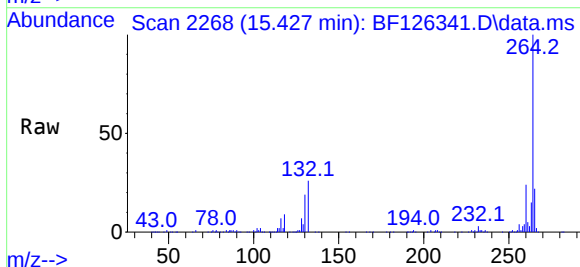
Manual Integrations

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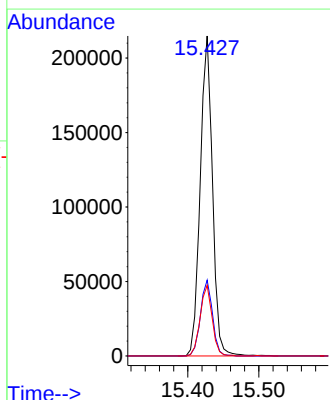
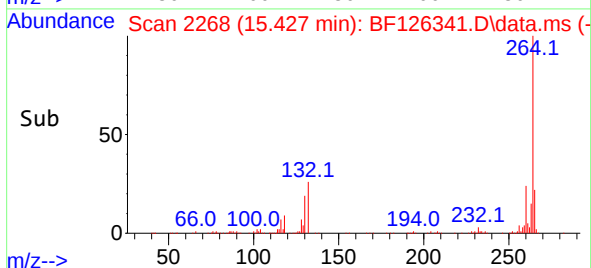
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

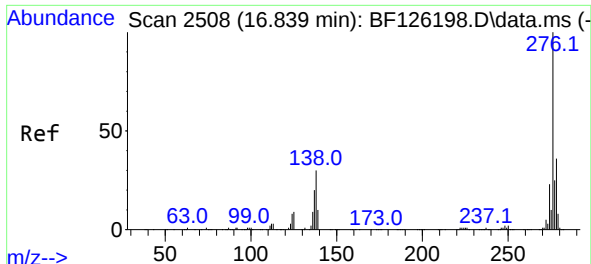


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33



Tgt Ion:264 Resp: 258517
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 22.1 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.304 ng
RT: 16.862 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

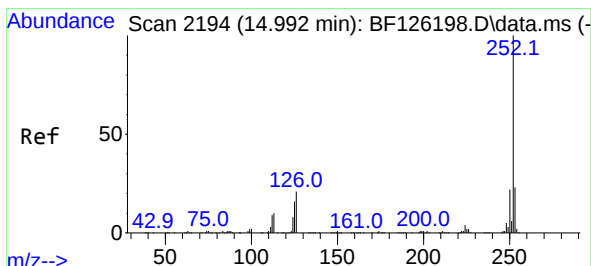
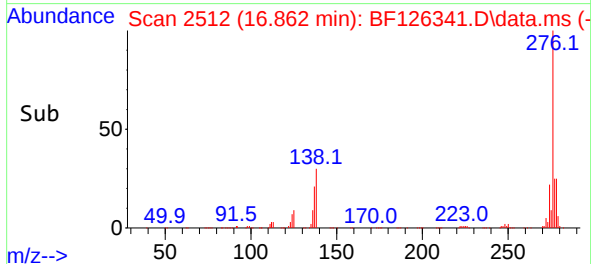
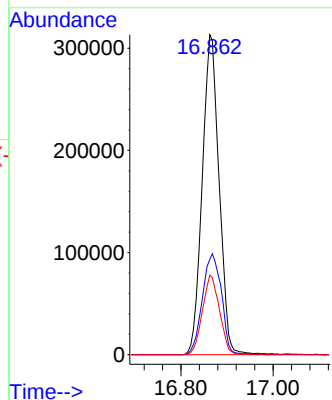
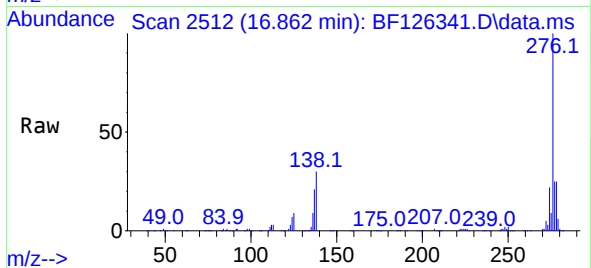
PB141629BS

Tgt Ion:276 Resp: 798440
Ion Ratio Lower Upper
276 100
138 35.5 24.1 36.1
277 25.1 18.8 28.2

Manual Integrations

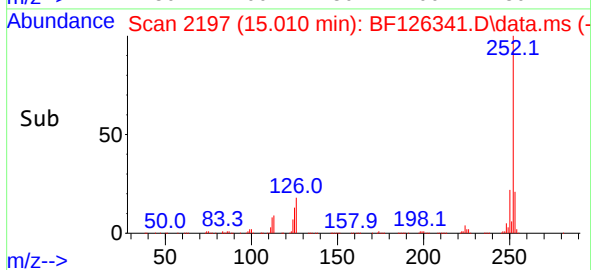
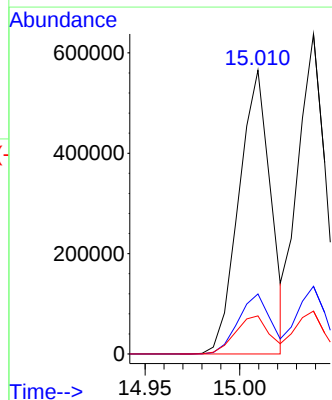
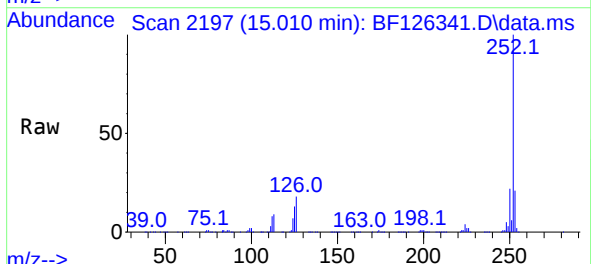
APPROVED

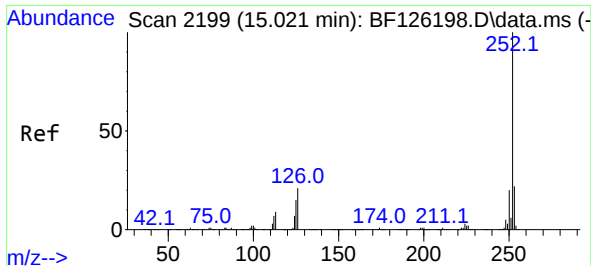
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#88
Benzo(b)fluoranthene
Concen: 42.550 ng
RT: 15.010 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:252 Resp: 660935
Ion Ratio Lower Upper
252 100
253 21.2 16.8 25.2
125 13.4 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 43.448 ng

RT: 15.039 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF126341.D

Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

ClientSampleId :

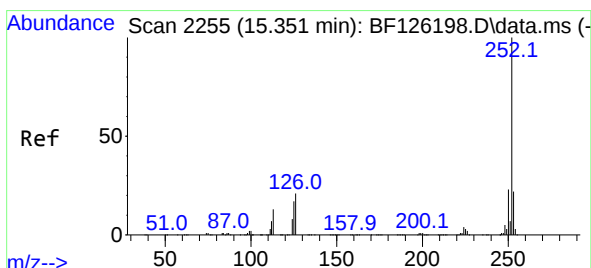
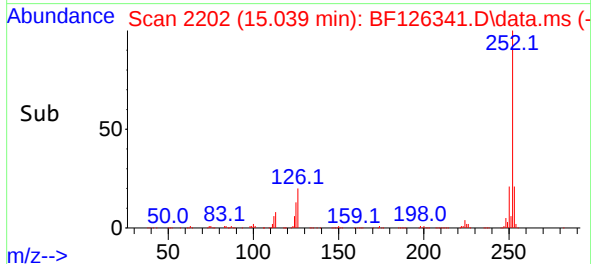
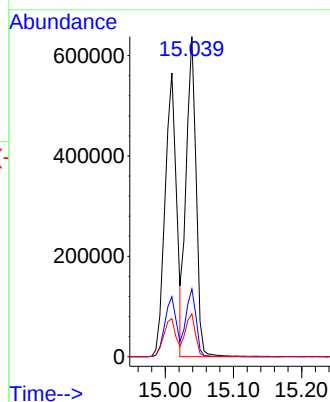
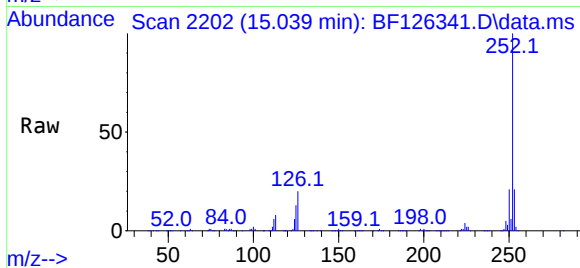
PB141629BS

Tgt Ion:252 Resp: 64561
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.8 26.8
 125 13.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021



#90

Benzo(a)pyrene

Concen: 51.306 ng

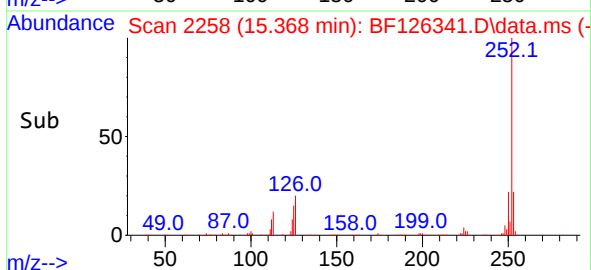
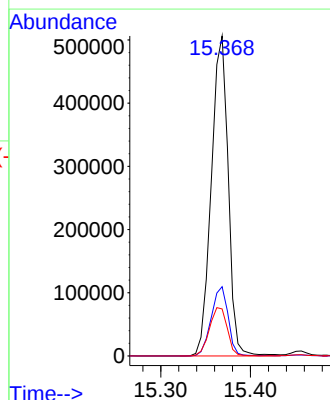
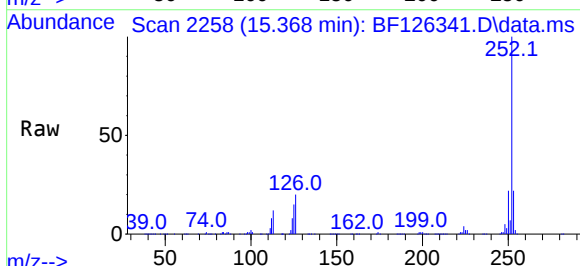
RT: 15.368 min Scan# 2258

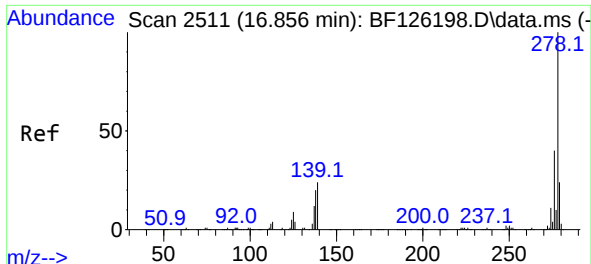
Delta R.T. 0.006 min

Lab File: BF126341.D

Acq: 23 Dec 2021 13:33

Tgt Ion:252 Resp: 662354
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.4 27.6
 125 14.7 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 47.196 ng
RT: 16.886 min Scan# 2516
Delta R.T. 0.006 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Instrument :

BNA_F

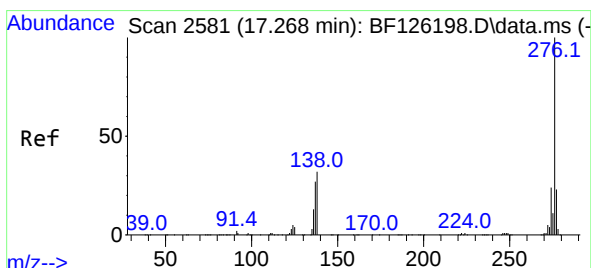
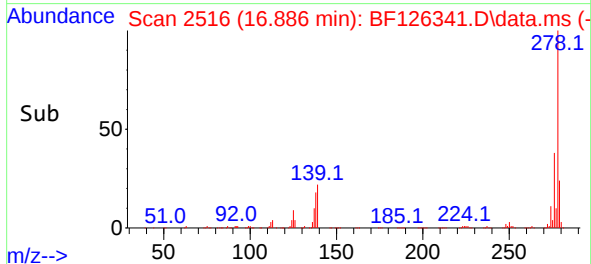
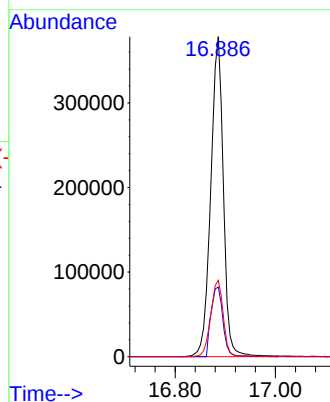
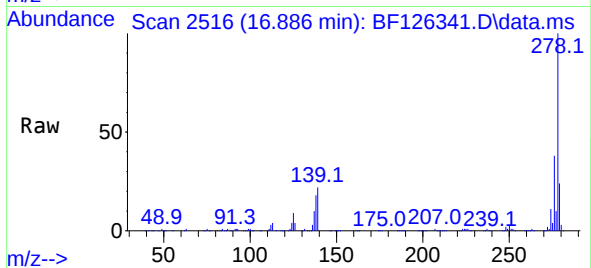
ClientSampleId :

PB141629BS

Tgt Ion:278 Resp: 66155
Ion Ratio Lower Upper
278 100
139 21.8 14.9 22.3
279 23.8 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#92
Benzo(g,h,i)perylene
Concen: 48.311 ng
RT: 17.298 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BF126341.D
Acq: 23 Dec 2021 13:33

Tgt Ion:276 Resp: 700649
Ion Ratio Lower Upper
276 100
277 23.7 22.0 33.0
138 31.3 22.2 33.4

