

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126298.D
 Acq On : 21 Dec 2021 15:53
 Operator : JU/CG
 Sample : PB141610BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141610BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 05:20:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	181950	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	783861	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	365226	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	567952	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	287574	20.000	ng	0.01
86) Perylene-d12	15.421	264	276717	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1304156	105.555	ng	0.02
7) Phenol-d6	6.451	99	1677853	106.951	ng	0.00
23) Nitrobenzene-d5	7.380	82	1098477	75.897	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	325434	110.876	ng	0.01
45) 2-Fluorobiphenyl	9.180	172	1456424	69.940	ng	0.00
79) Terphenyl-d14	12.927	244	1271490	76.850	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	218569	36.241	ng	# 100
3) Pyridine	3.381	79	479072	29.912	ng	# 76
4) n-Nitrosodimethylamine	3.334	42	261322	42.453	ng	# 1
6) Aniline	6.481	93	628036	31.516	ng	96
8) 2-Chlorophenol	6.604	128	562119	44.865	ng	89
9) Benzaldehyde	6.363	77	312769	33.039	ng	95
10) Phenol	6.463	94	711154	40.384	ng	94
11) bis(2-Chloroethyl)ether	6.557	93	587401	42.973	ng	99
12) 1,3-Dichlorobenzene	6.757	146	526347	41.645	ng	97
13) 1,4-Dichlorobenzene	6.833	146	529962	41.523	ng	94
14) 1,2-Dichlorobenzene	6.986	146	509477	43.173	ng	95
15) Benzyl Alcohol	6.963	79	452946	39.549	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.098	45	945572	42.271	ng	92
17) 2-Methylphenol	7.075	107	458612	41.783	ng	98
18) Hexachloroethane	7.333	117	212763	42.380	ng	96
19) n-Nitroso-di-n-propyla...	7.239	70	385476	40.025	ng	# 70
20) 3+4-Methylphenols	7.228	107	507194	39.087	ng	# 76
22) Acetophenone	7.228	105	730595	40.498	ng	# 93
24) Nitrobenzene	7.398	77	601705	41.645	ng	91
25) Isophorone	7.639	82	1104783	40.422	ng	# 87
26) 2-Nitrophenol	7.716	139	293093	44.999	ng	# 81
27) 2,4-Dimethylphenol	7.757	122	496809	44.915	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	708812	39.445	ng	# 97
29) 2,4-Dichlorophenol	7.957	162	409219	41.620	ng	91
30) 1,2,4-Trichlorobenzene	8.045	180	411261	40.438	ng	98
31) Naphthalene	8.122	128	1513993	41.301	ng	99
32) Benzoic acid	7.886	122	349041	36.629	ng	91
33) 4-Chloroaniline	8.169	127	262507	17.151	ng	97
34) Hexachlorobutadiene	8.245	225	202208	40.483	ng	98
35) Caprolactam	8.551	113	155228m	63.526	ng	
36) 4-Chloro-3-methylphenol	8.657	107	487548	42.037	ng	89
37) 2-Methylnaphthalene	8.816	142	966041	42.792	ng	97
38) 1-Methylnaphthalene	8.916	142	888643	40.562	ng	95
40) 1,2,4,5-Tetrachloroben...	8.980	216	316032	40.092	ng	# 96
41) Hexachlorocyclopentadiene	8.975	237	377003	83.520	ng	94
43) 2,4,6-Trichlorophenol	9.092	196	241077	38.878	ng	94

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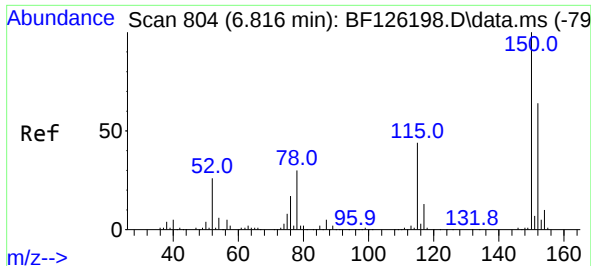
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	252747	39.360	ng	93
46) 1,1'-Biphenyl	9.280	154	1093083	40.477	ng	97
47) 2-Chloronaphthalene	9.304	162	813088	40.018	ng	97
48) 2-Nitroaniline	9.398	65	305772	41.231	ng	90
49) Acenaphthylene	9.722	152	1256147	40.460	ng	98
50) Dimethylphthalate	9.586	163	927867	40.106	ng	99
51) 2,6-Dinitrotoluene	9.639	165	212818	42.500	ng	# 80
52) Acenaphthene	9.892	154	881745m	43.794	ng	
53) 3-Nitroaniline	9.804	138	144843	22.757	ng	# 74
54) 2,4-Dinitrophenol	9.916	184	208835	101.285	ng	# 82
55) Dibenzofuran	10.063	168	1070980	39.069	ng	100
56) 4-Nitrophenol	9.974	139	351506	76.458	ng	# 82
57) 2,4-Dinitrotoluene	10.045	165	279453	43.749	ng	# 94
58) Fluorene	10.410	166	768069	38.703	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	194510	40.853	ng	# 99
60) Diethylphthalate	10.280	149	924732	39.774	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	332543	37.217	ng	96
62) 4-Nitroaniline	10.421	138	228603	42.817	ng	# 73
63) Azobenzene	10.557	77	1104526	39.222	ng	84
65) 4,6-Dinitro-2-methylph...	10.451	198	134950	43.513	ng	94
66) n-Nitrosodiphenylamine	10.516	169	737399	40.455	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	216403	40.598	ng	90
68) Hexachlorobenzene	10.957	284	256092	41.774	ng	# 83
69) Atrazine	11.045	200	220602	66.042	ng	96
70) Pentachlorophenol	11.151	266	267215	78.568	ng	91
71) Phenanthrene	11.368	178	1171550	39.966	ng	98
72) Anthracene	11.421	178	1208809	41.084	ng	99
73) Carbazole	11.568	167	1082853	39.080	ng	99
74) Di-n-butylphthalate	11.904	149	1409070	40.115	ng	99
75) Fluoranthene	12.551	202	1083338	41.018	ng	91
77) Benzidine	12.674	184	339870	74.965	ng	99
78) Pyrene	12.780	202	1093683	41.396	ng	96
80) Butylbenzylphthalate	13.404	149	528341	42.496	ng	# 83
81) Benzo(a)anthracene	13.968	228	667697	39.197	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	193223	24.829	ng	99
83) Chrysene	14.004	228	729706	41.230	ng	98
84) Bis(2-ethylhexyl)phtha...	13.962	149	589212	42.410	ng	99
85) Di-n-octyl phthalate	14.574	149	1072333	43.298	ng	98
87) Indeno(1,2,3-cd)pyrene	16.862	276	794935	43.069	ng	93
88) Benzo(b)fluoranthene	15.009	252	733521	44.117	ng	97
89) Benzo(k)fluoranthene	15.039	252	676226	42.515	ng	# 95
90) Benzo(a)pyrene	15.368	252	682896	49.418	ng	# 96
91) Dibenzo(a,h)anthracene	16.880	278	689013	45.922	ng	96
92) Benzo(g,h,i)perylene	17.292	276	659798	42.502	ng	93

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



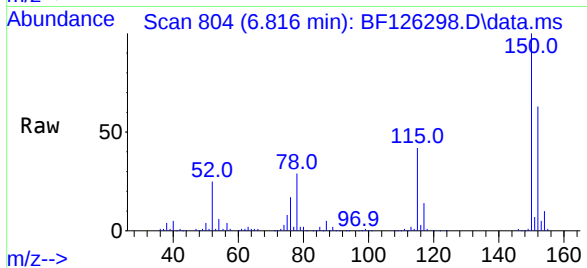
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

PB141610BS

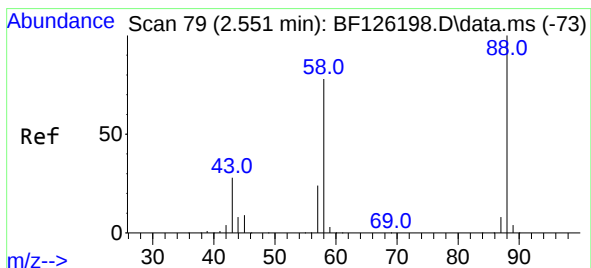
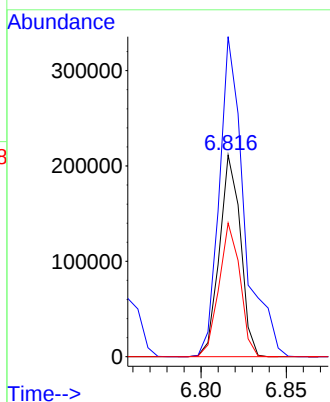
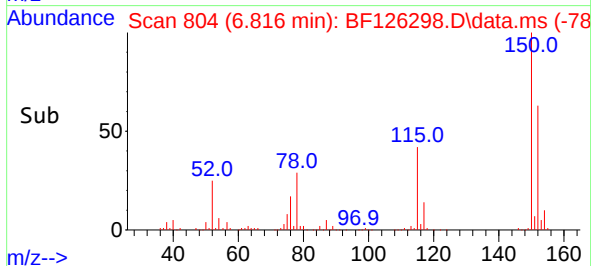


Tgt Ion:152 Resp: 181950
Ion Ratio Lower Upper
152 100
150 158.8 117.6 176.4
115 66.3 47.1 70.7

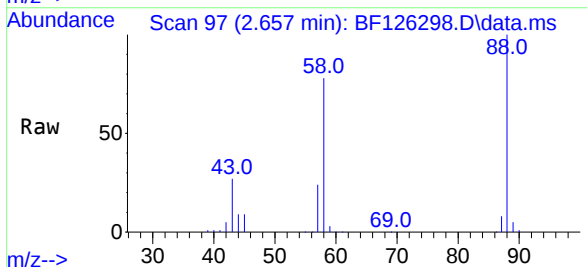
Manual Integrations

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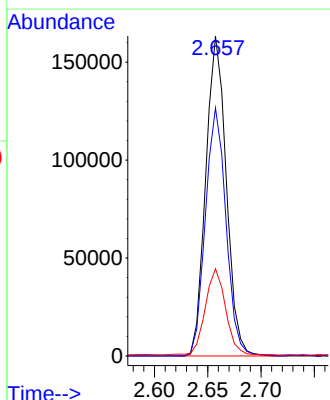
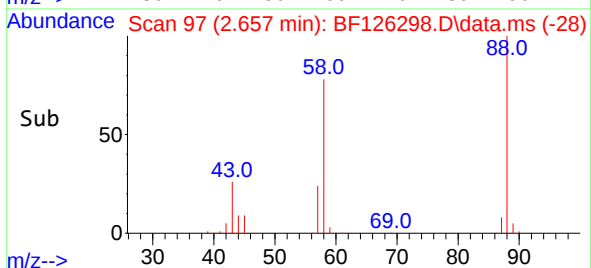
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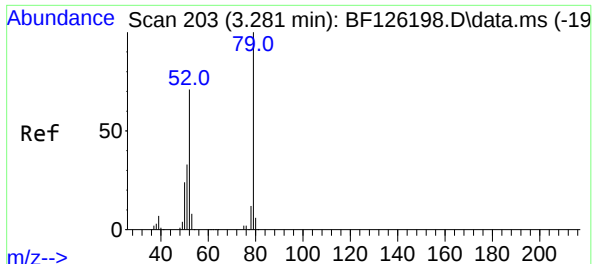


#2
1,4-Dioxane
Concen: 36.241 ng
RT: 2.657 min Scan# 97
Delta R.T. 0.106 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



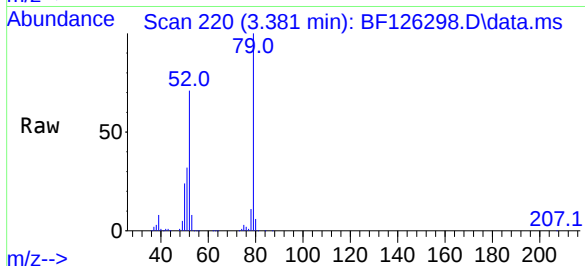
Tgt Ion: 88 Resp: 218569
Ion Ratio Lower Upper
88 100
58 77.9 0.0 0.0#
43 26.7 0.0 0.0#





#3
Pyridine
Concen: 29.912 ng
RT: 3.381 min Scan# 210
Delta R.T. 0.100 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

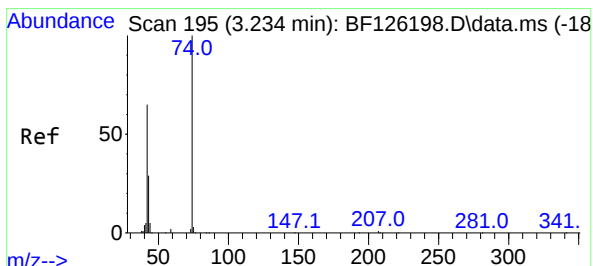
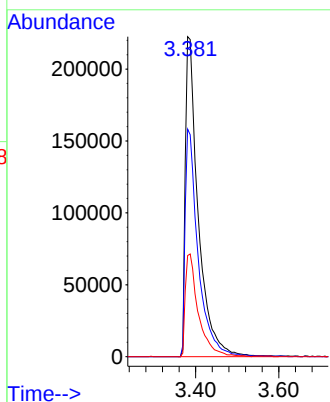
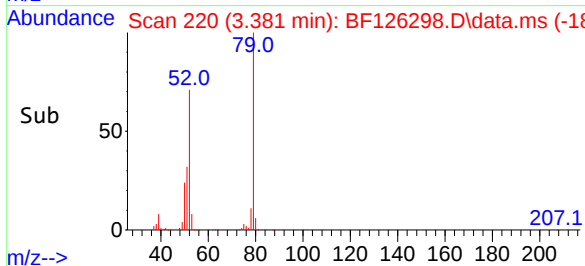
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ClientSampleId :
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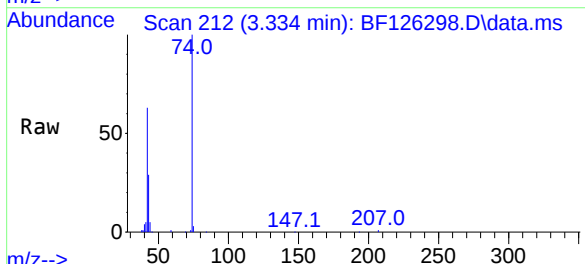
Tgt Ion: 79 Resp: 479072
Ion Ratio Lower Upper
79 100
52 71.1 70.3 105.5
51 31.6 44.1 66.1

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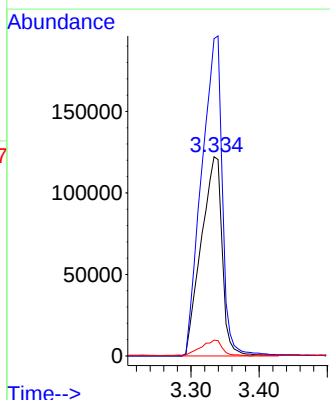
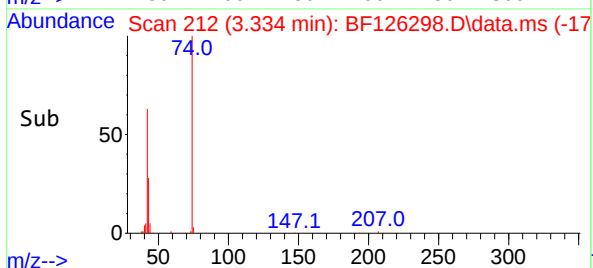
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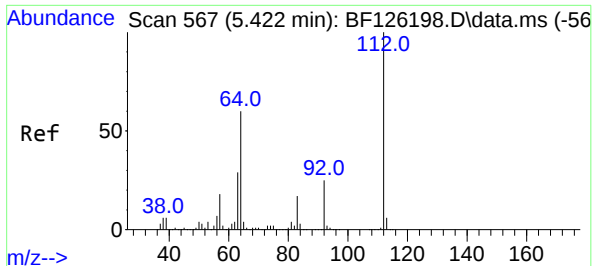


#4
n-Nitrosodimethylamine
Concen: 42.453 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.100 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



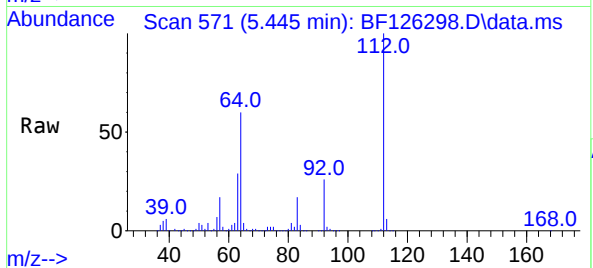
Tgt Ion: 42 Resp: 261322
Ion Ratio Lower Upper
42 100
74 159.3 59.0 88.6#
44 8.0 0.0 0.0#





#5
2-Fluorophenol
Concen: 105.555 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

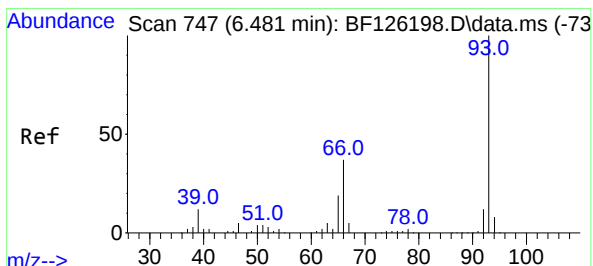
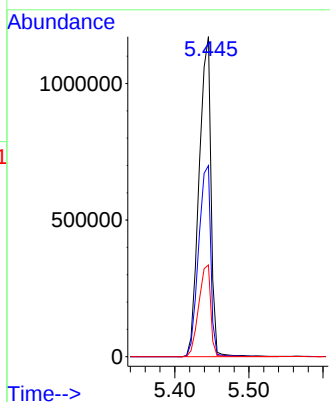
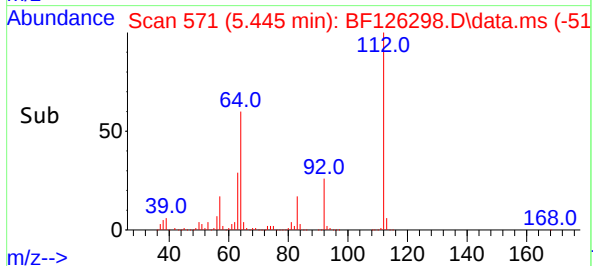
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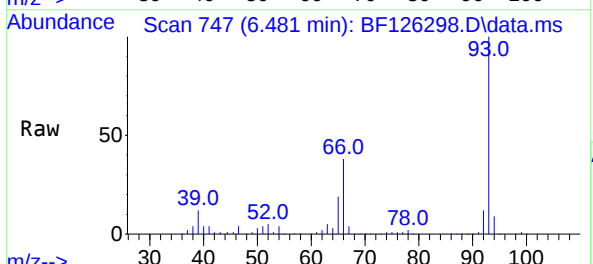
Tgt Ion: 112 Resp: 1304150
Ion Ratio Lower Upper
112 100
64 59.7 44.2 66.2
63 28.7 26.2 39.2

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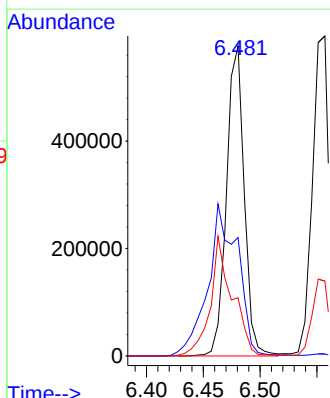
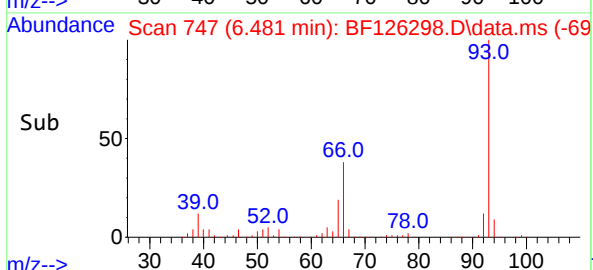
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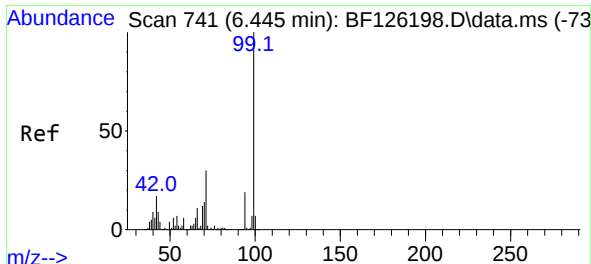


#6
Aniline
Concen: 31.516 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



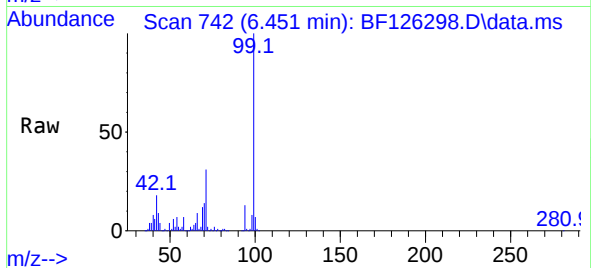
Tgt Ion: 93 Resp: 628036
Ion Ratio Lower Upper
93 100
66 38.2 32.7 49.1
65 18.8 14.2 21.4





#7
Phenol-d6
Concen: 106.951 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

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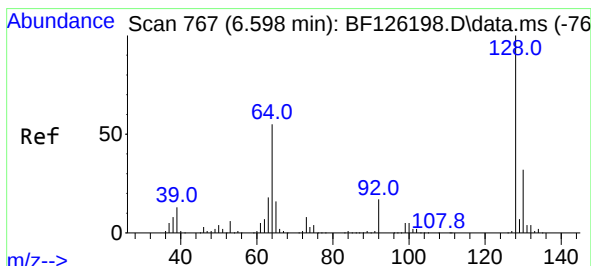
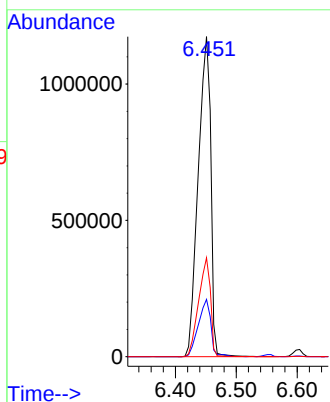
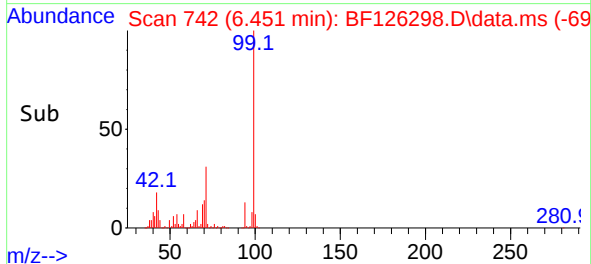


Tgt Ion: 99 Resp: 167785

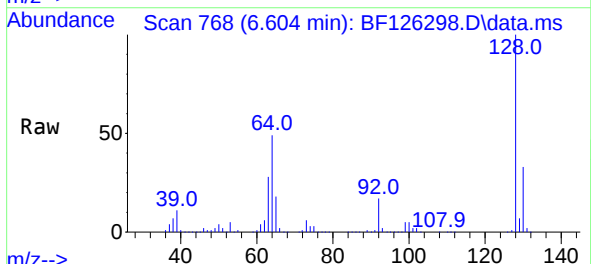
Ion	Ratio	Lower	Upper
99	100		
42	17.9	23.5	35.3
71	30.9	25.6	38.4

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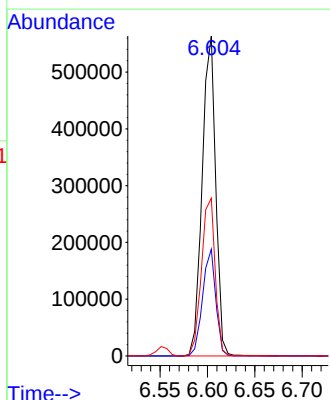
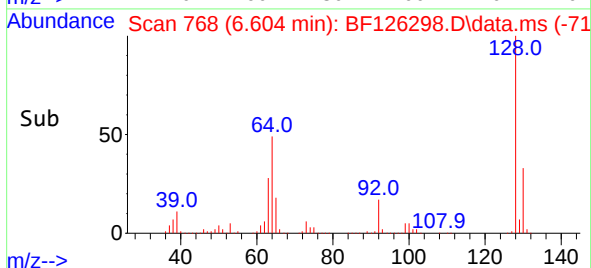


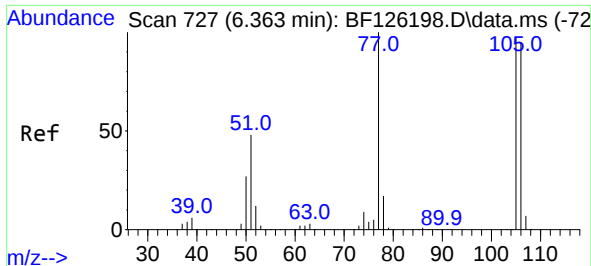
#8
2-Chlorophenol
Concen: 44.865 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



Tgt Ion:128 Resp: 562119

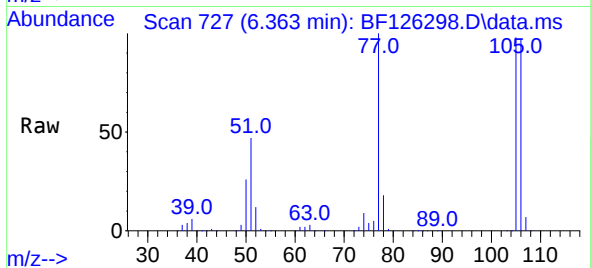
Ion	Ratio	Lower	Upper
128	100		
130	33.4	10.5	50.5
64	49.3	20.3	60.3





#9
Benzaldehyde
Concen: 33.039 ng
RT: 6.363 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF126298.D
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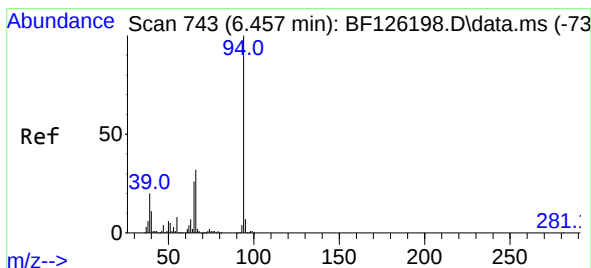
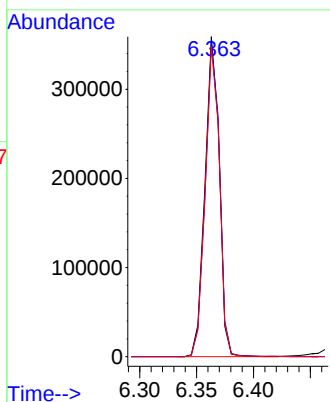
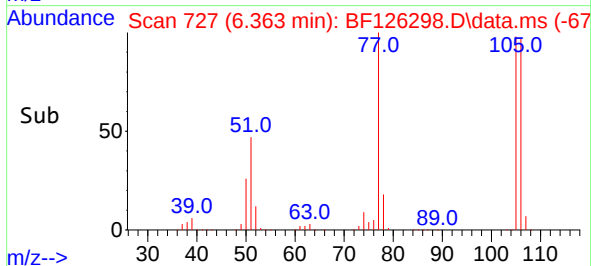
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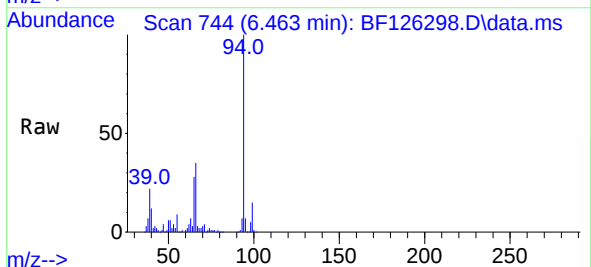
Tgt Ion: 77 Resp: 312769
Ion Ratio Lower Upper
77 100
105 98.2 75.9 115.9
106 96.8 84.0 124.0

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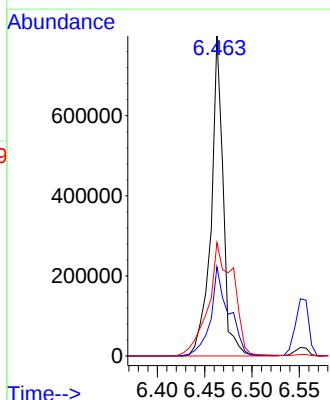
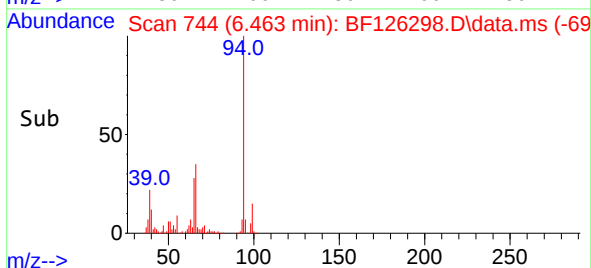
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

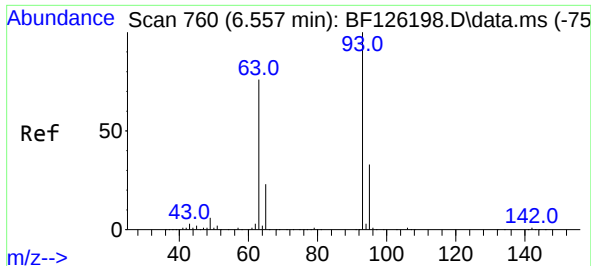


#10
Phenol
Concen: 40.384 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



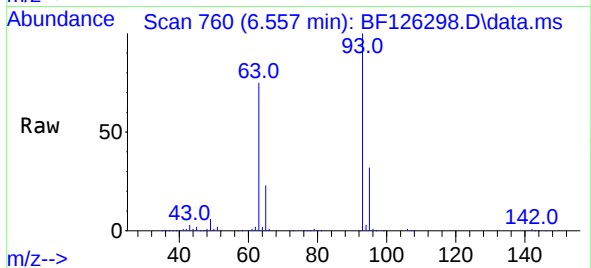
Tgt Ion: 94 Resp: 711154
Ion Ratio Lower Upper
94 100
65 27.9 9.3 49.3
66 35.4 20.3 60.3





#11
bis(2-Chloroethyl)ether
Concen: 42.973 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

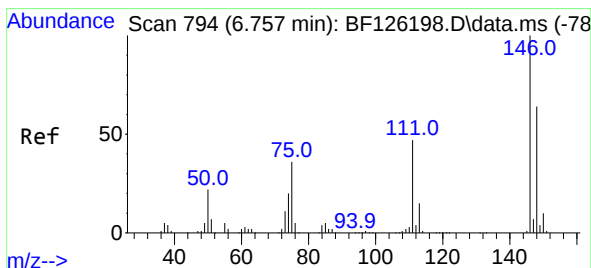
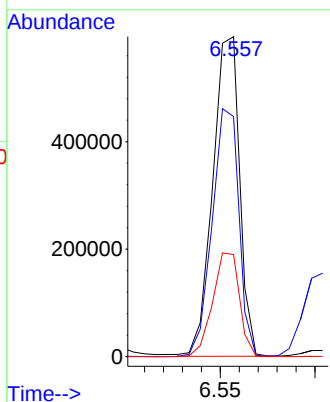
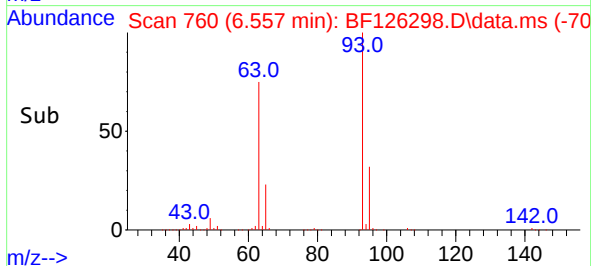
Instrument :
BNA_F
ClientSampleId :
PB141610BS



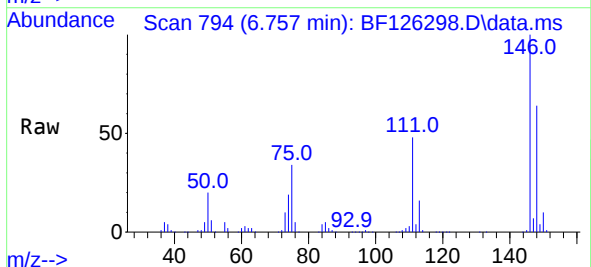
Tgt Ion: 93 Resp: 58740
Ion Ratio Lower Upper
93 100
63 75.0 54.4 94.4
95 31.9 11.4 51.4

Manual Integrations
APPROVED

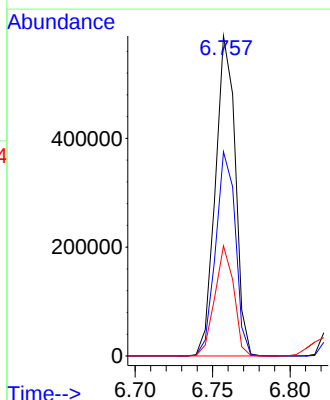
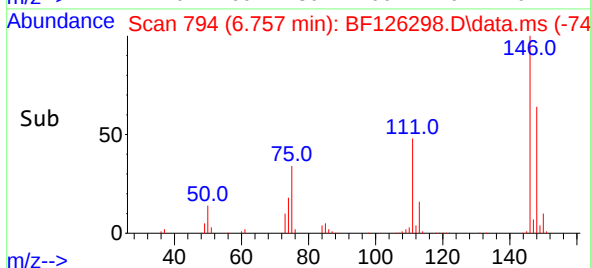
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

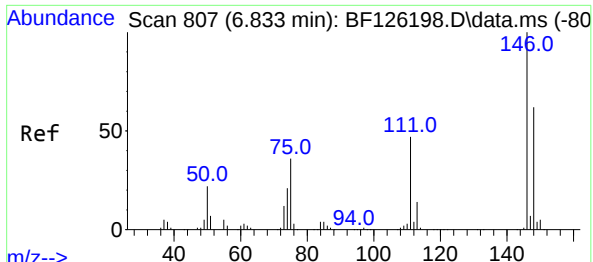


#12
1,3-Dichlorobenzene
Concen: 41.645 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



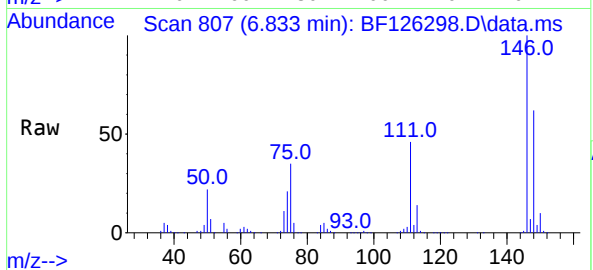
Tgt Ion:146 Resp: 526347
Ion Ratio Lower Upper
146 100
148 63.8 49.7 74.5
75 34.4 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 41.523 ng
RT: 6.833 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

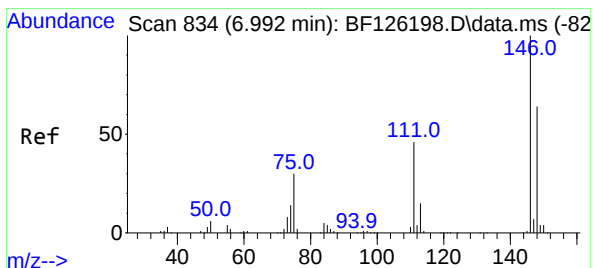
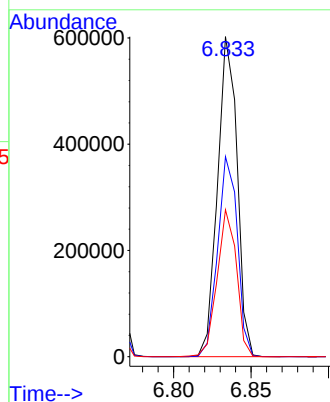
Instrument :
BNA_F
ClientSampleId :
PB141610BS



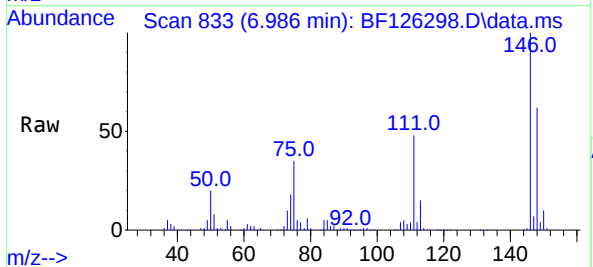
Tgt Ion:146 Resp: 529962
Ion Ratio Lower Upper
146 100
148 62.5 51.9 77.9
111 45.9 31.8 47.6

Manual Integrations
APPROVED

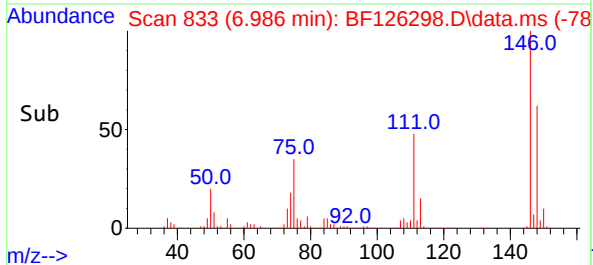
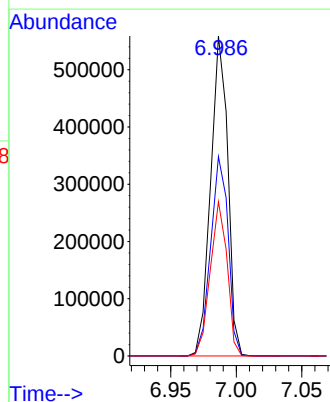
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

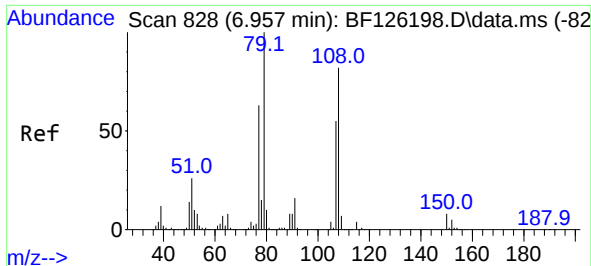


#14
1,2-Dichlorobenzene
Concen: 43.173 ng
RT: 6.986 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



Tgt Ion:146 Resp: 509477
Ion Ratio Lower Upper
146 100
148 62.3 50.6 75.8
111 48.2 33.5 50.3





#15
Benzyl Alcohol
Concen: 39.549 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

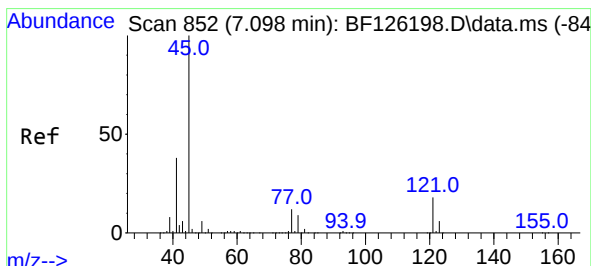
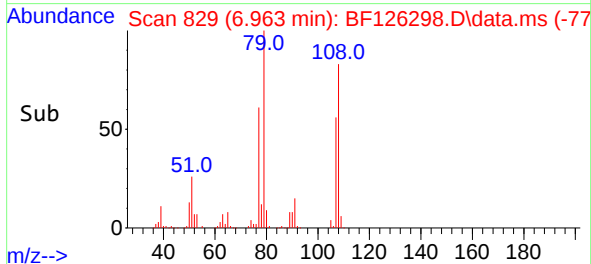
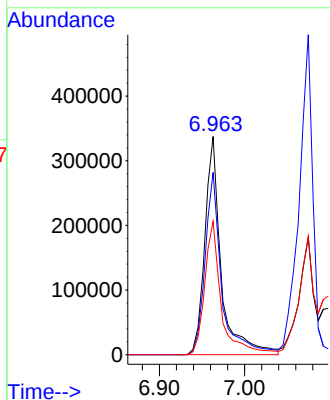
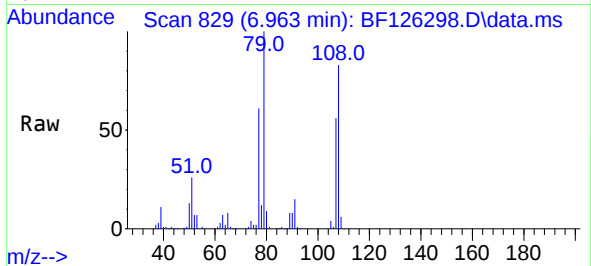
PB141610BS

Tgt Ion: 79 Resp: 452940
Ion Ratio Lower Upper
79 100
108 83.5 60.4 90.6
77 61.0 51.5 77.3

Manual Integrations

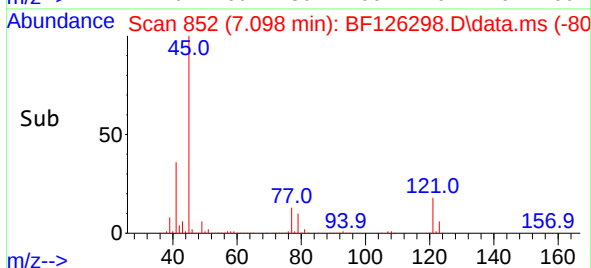
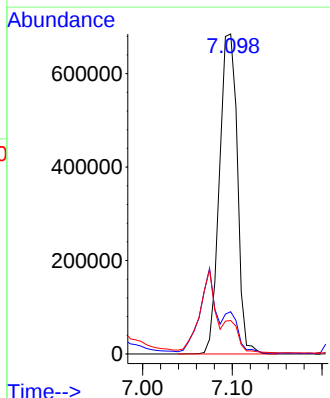
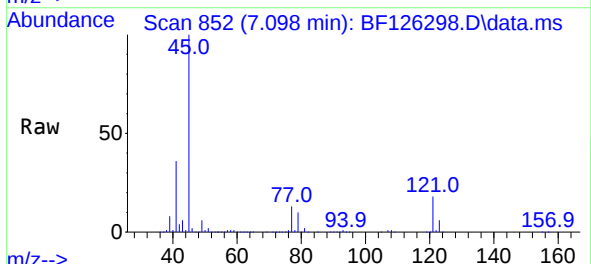
APPROVED

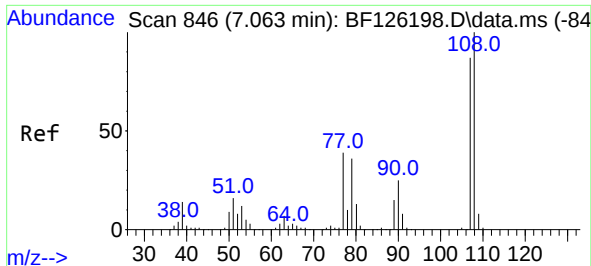
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.271 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Tgt Ion: 45 Resp: 945572
Ion Ratio Lower Upper
45 100
77 13.2 0.0 30.6
79 10.5 0.0 27.5





#17
2-Methylphenol
Concen: 41.783 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.012 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

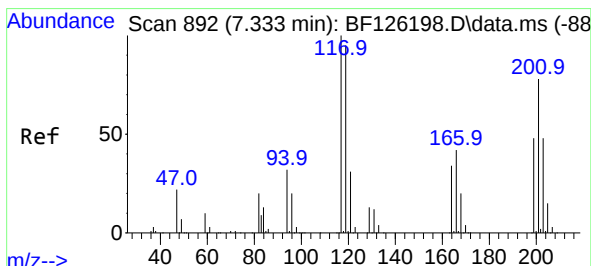
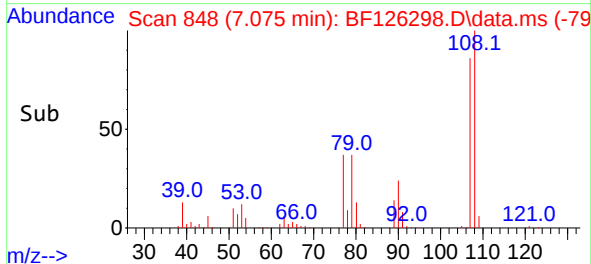
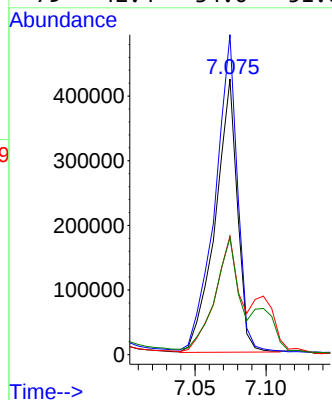
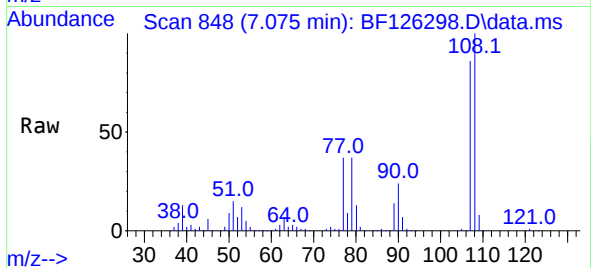
PB141610BS

Tgt Ion:107 Resp: 458612
Ion Ratio Lower Upper
107 100
108 116.1 90.6 135.8
77 43.0 35.7 53.5
79 42.4 34.0 51.0

Manual Integrations

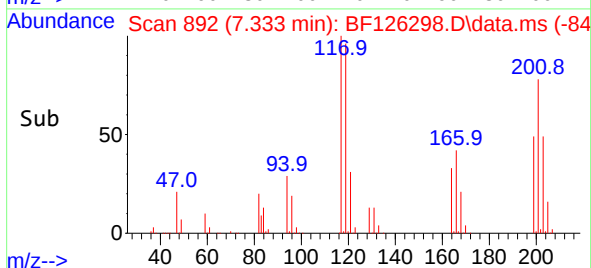
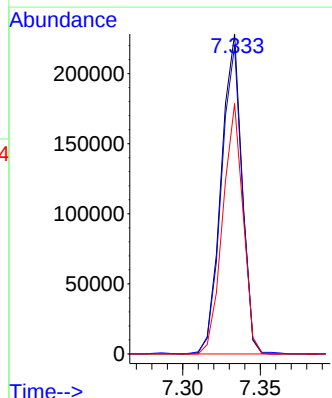
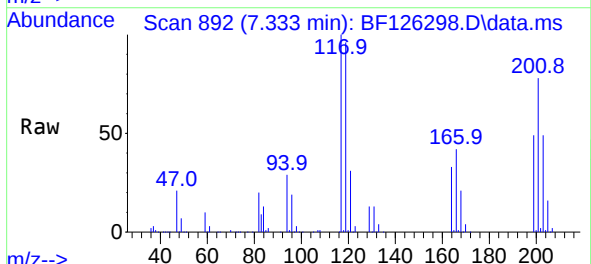
APPROVED

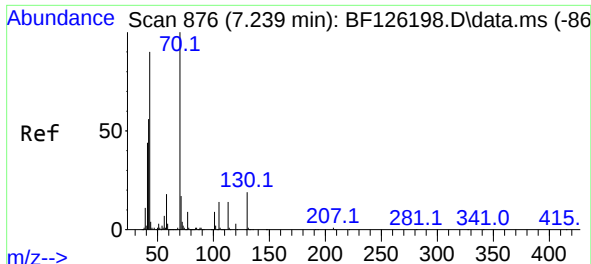
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#18
Hexachloroethane
Concen: 42.380 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Tgt Ion:117 Resp: 212763
Ion Ratio Lower Upper
117 100
119 96.3 73.4 110.2
201 78.2 64.9 97.3





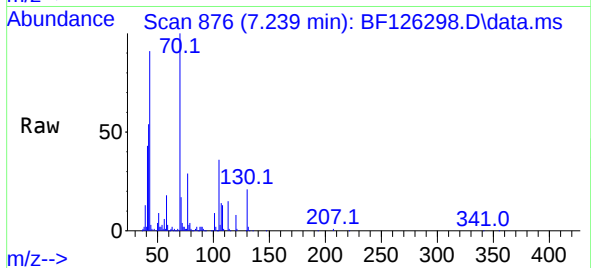
#19
n-Nitroso-di-n-propylamine
Concen: 40.025 ng
RT: 7.239 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

PB141610BS

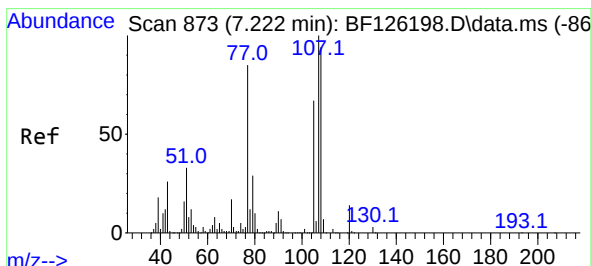
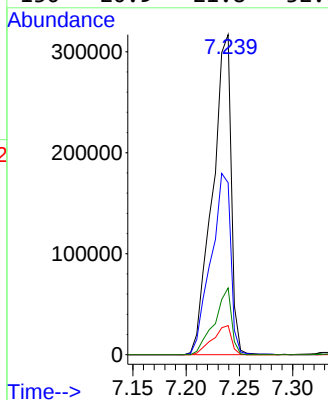
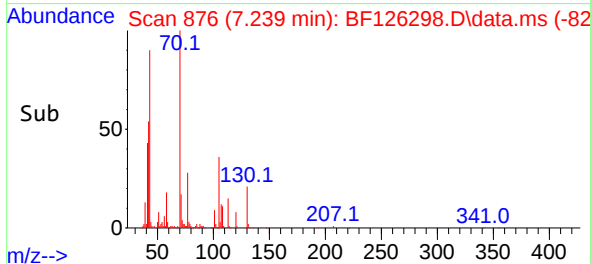


Tgt Ion: 70 Resp: 385470
Ion Ratio Lower Upper
70 100
42 53.7 72.2 108.2
101 9.1 7.8 11.8
130 20.9 21.8 32.6#

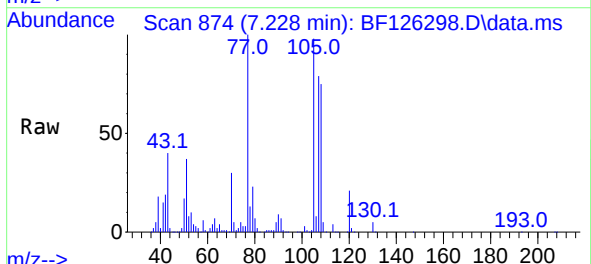
Manual Integrations

APPROVED

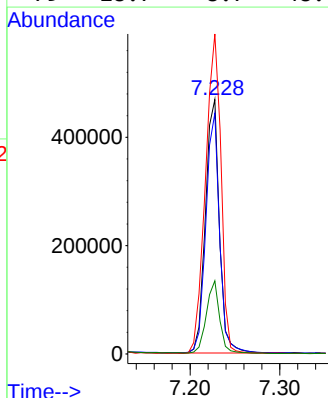
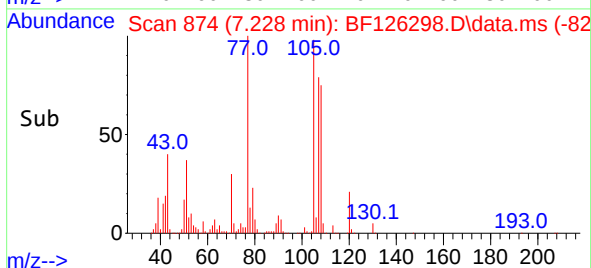
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

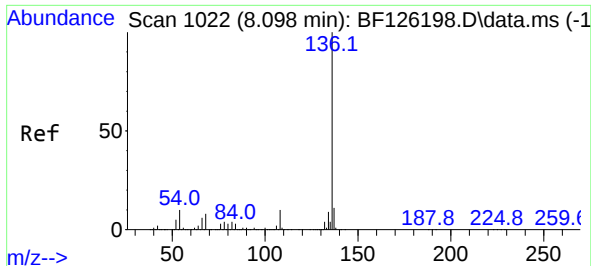


#20
3+4-Methylphenols
Concen: 39.087 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



Tgt Ion:107 Resp: 507194
Ion Ratio Lower Upper
107 100
108 94.6 76.6 116.6
77 125.8 53.3 93.3#
79 28.7 8.7 48.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

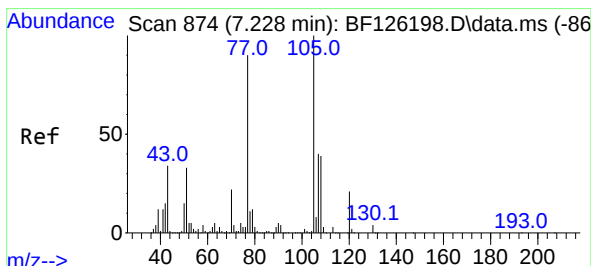
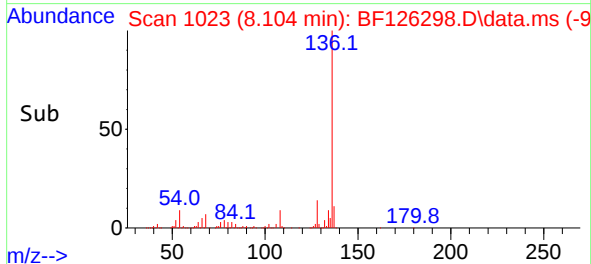
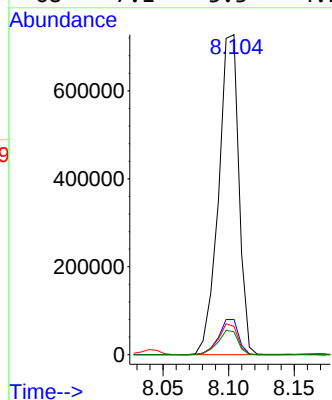
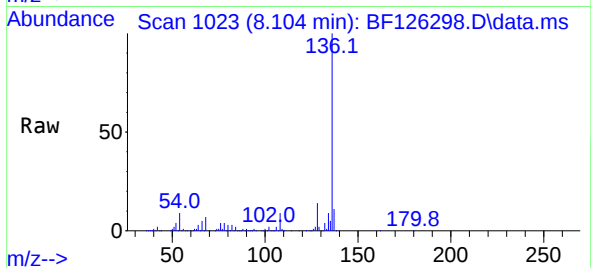
PB141610BS

Tgt Ion:136 Resp: 78386
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 8.9 6.4 9.6
68 7.1 3.3 4.9#

Manual Integrations

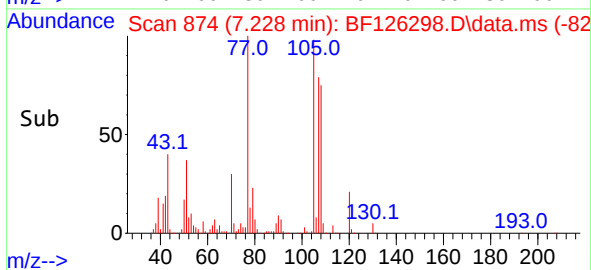
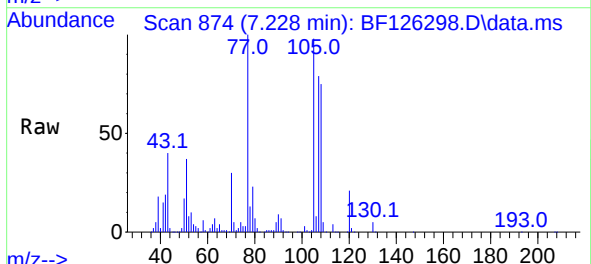
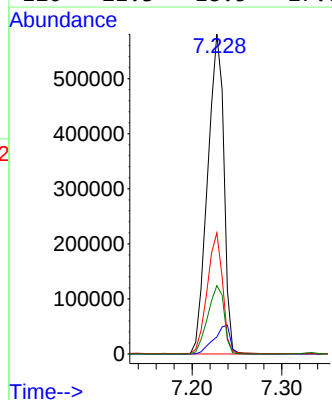
APPROVED

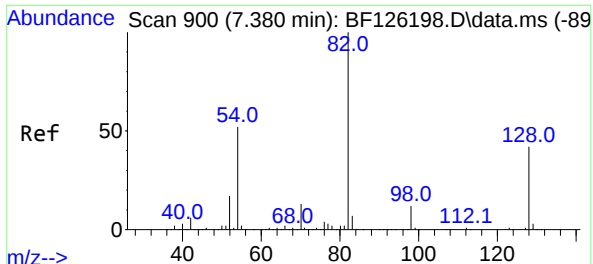
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#22
Acetophenone
Concen: 40.498 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Tgt Ion:105 Resp: 730595
Ion Ratio Lower Upper
105 100
71 5.3 5.5 8.3#
51 37.9 26.0 39.0
120 21.3 18.5 27.7





#23

Nitrobenzene-d5

Concen: 75.897 ng

RT: 7.380 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126298.D

Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

PB141610BS

Tgt Ion: 82 Resp: 109847

Ion Ratio Lower Upper

82 100

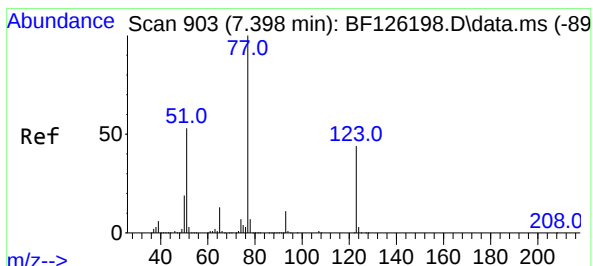
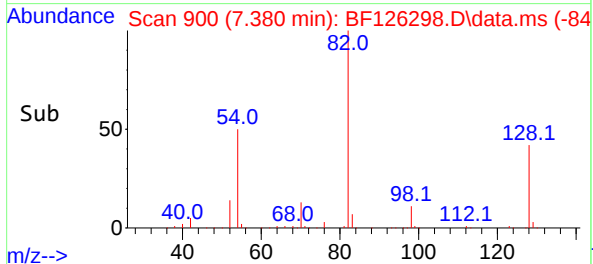
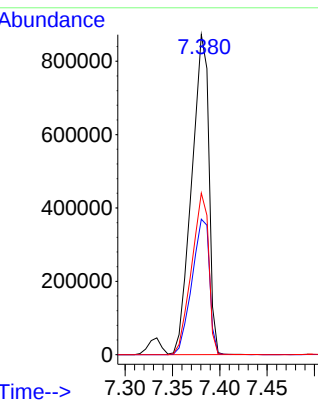
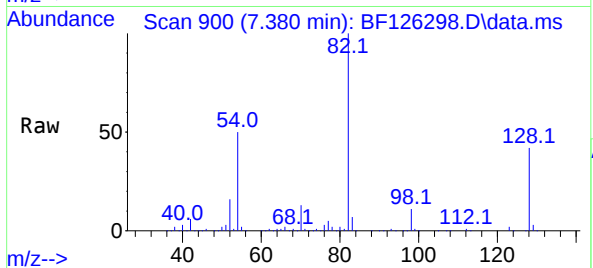
128 42.4 40.6 60.8

54 50.5 49.6 74.4

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 41.645 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF126298.D

Acq: 21 Dec 2021 15:53

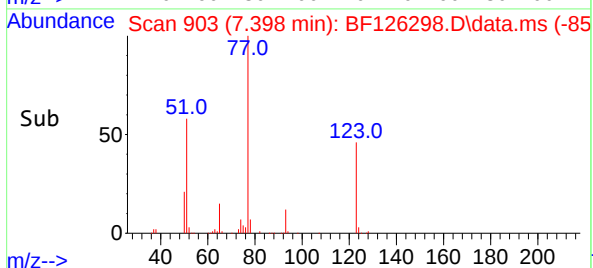
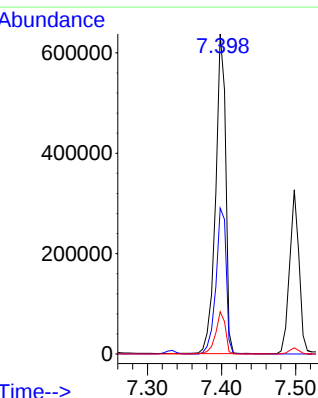
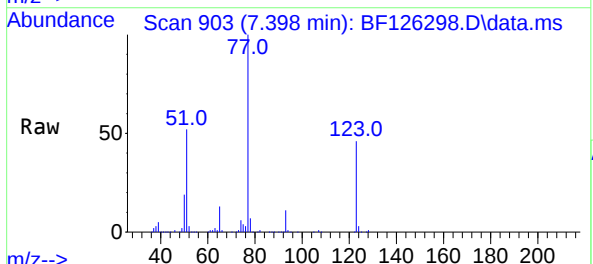
Tgt Ion: 77 Resp: 601705

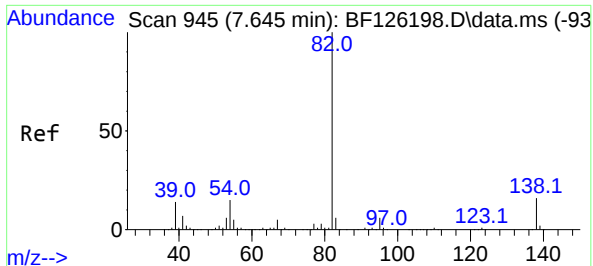
Ion Ratio Lower Upper

77 100

123 45.6 42.3 63.5

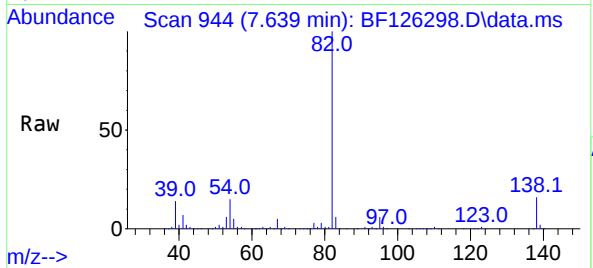
65 13.2 12.4 18.6





#25
Isophorone
Concen: 40.422 ng
RT: 7.639 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

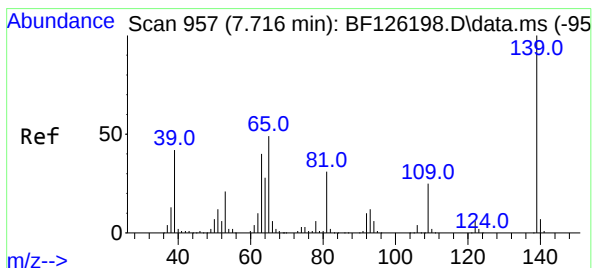
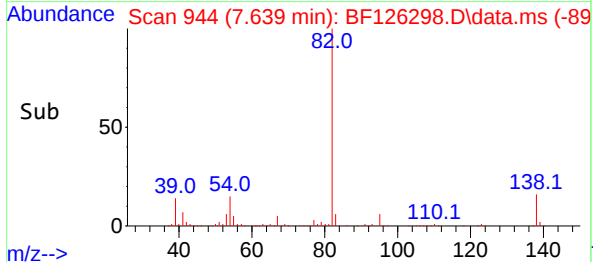
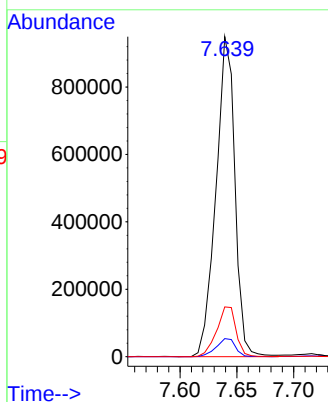
Instrument :
BNA_F
ClientSampleId :
PB141610BS



Tgt Ion: 82 Resp: 110478
Ion Ratio Lower Upper
82 100
95 5.7 6.5 9.7
138 15.5 18.4 27.6

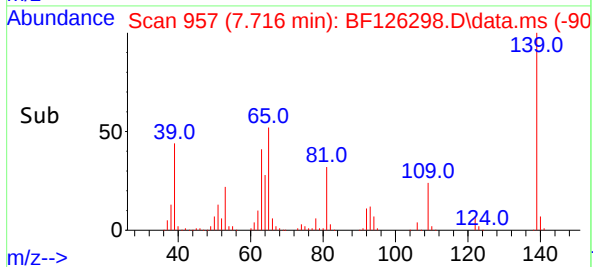
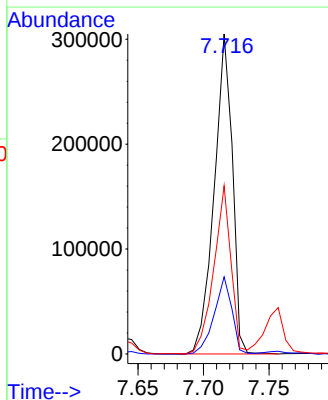
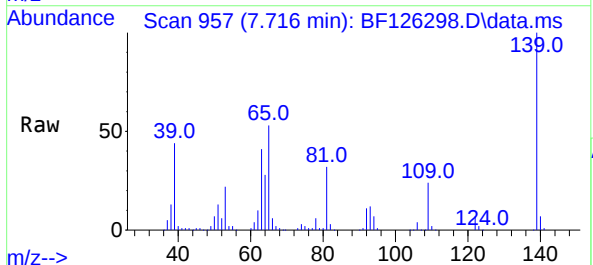
Manual Integrations
APPROVED

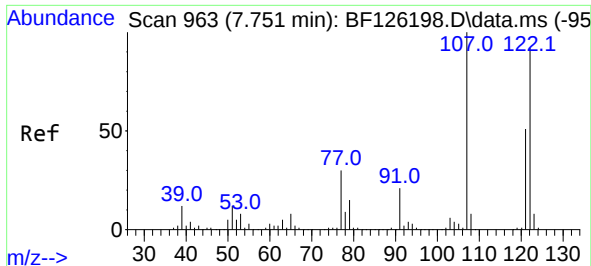
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#26
2-Nitrophenol
Concen: 44.999 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Tgt Ion:139 Resp: 293093
Ion Ratio Lower Upper
139 100
109 24.1 26.0 39.0#
65 52.5 31.0 46.4#





#27
2,4-Dimethylphenol
Concen: 44.915 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

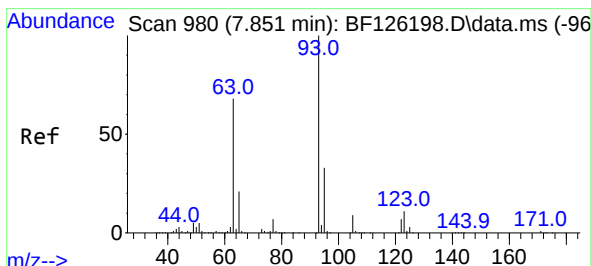
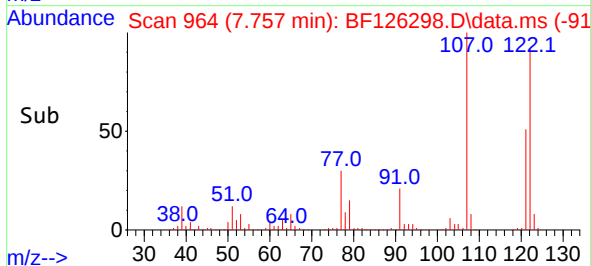
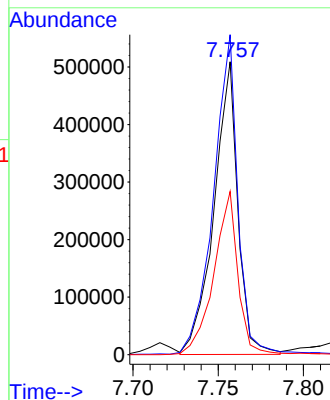
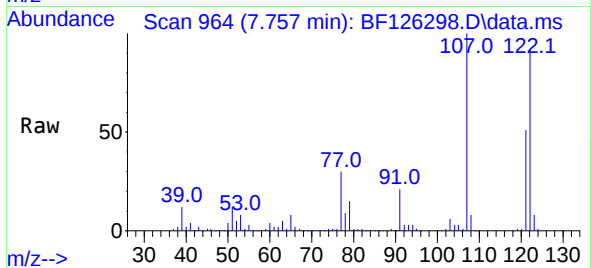
PB141610BS

Tgt Ion:122 Resp: 496809
Ion Ratio Lower Upper
122 100
107 109.2 85.0 127.6
121 55.7 43.3 64.9

Manual Integrations

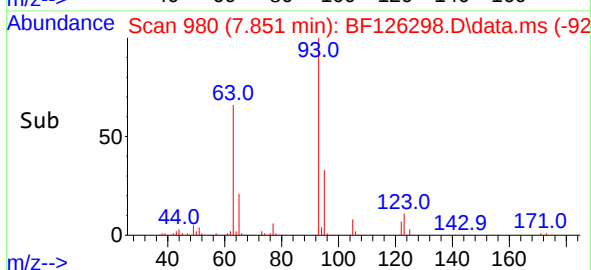
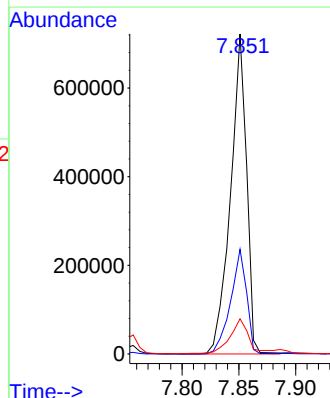
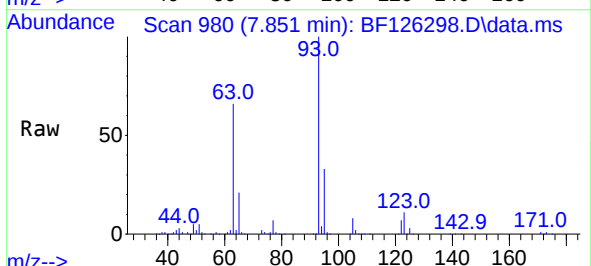
APPROVED

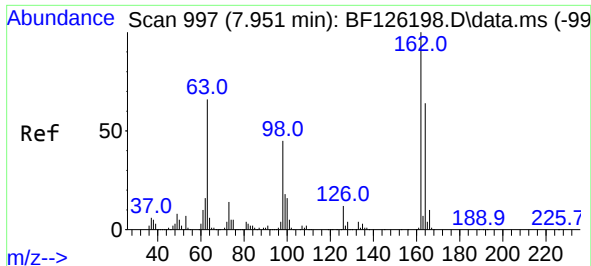
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#28
bis(2-Chloroethoxy)methane
Concen: 39.445 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Tgt Ion: 93 Resp: 708812
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.0 11.7 17.5#





#29
2,4-Dichlorophenol
Concen: 41.620 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

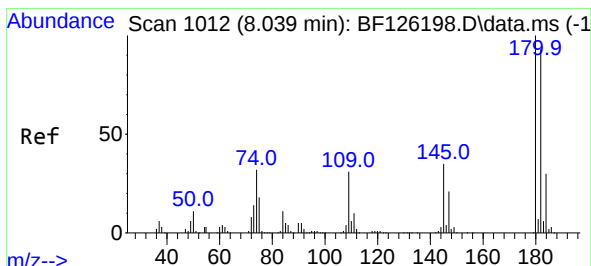
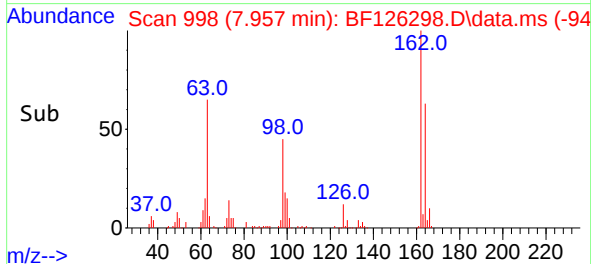
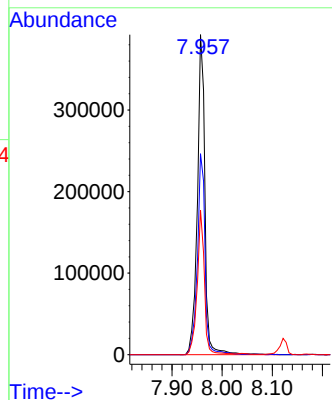
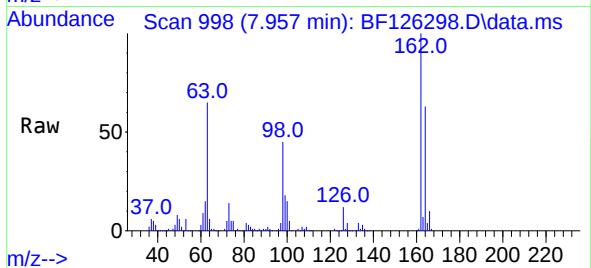
PB141610BS

Tgt Ion:162 Resp: 409219
Ion Ratio Lower Upper
162 100
164 62.8 44.5 84.5
98 45.2 13.0 53.0

Manual Integrations

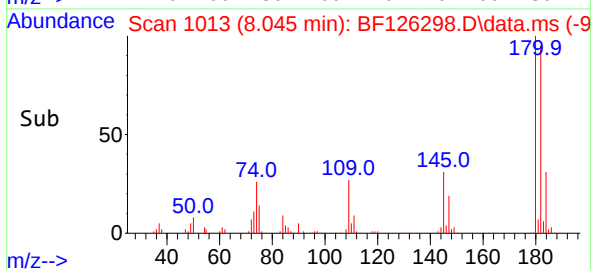
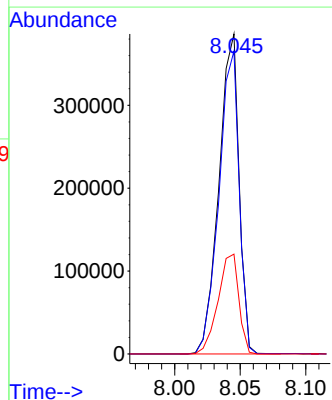
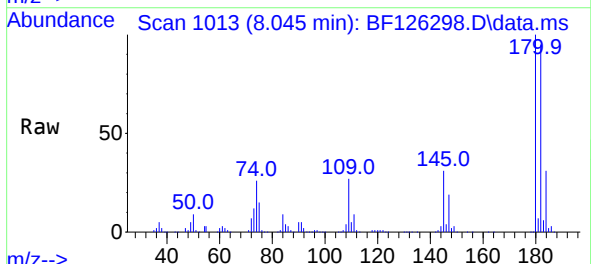
APPROVED

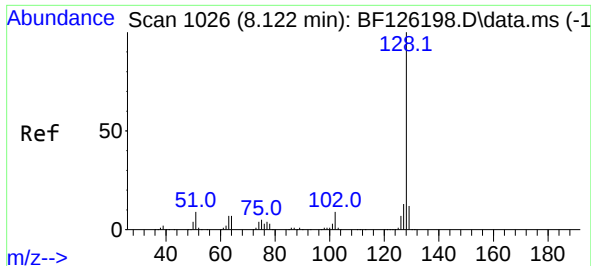
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#30
1,2,4-Trichlorobenzene
Concen: 40.438 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Tgt Ion:180 Resp: 411261
Ion Ratio Lower Upper
180 100
182 94.7 76.8 115.2
145 31.2 26.7 40.1





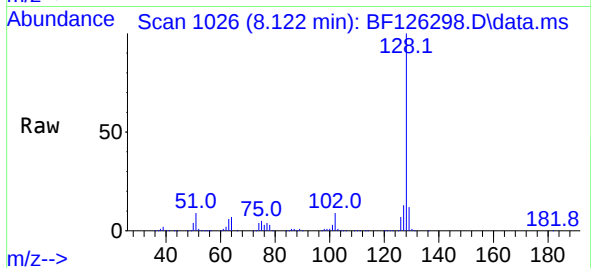
#31
Naphthalene
Concen: 41.301 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

PB141610BS

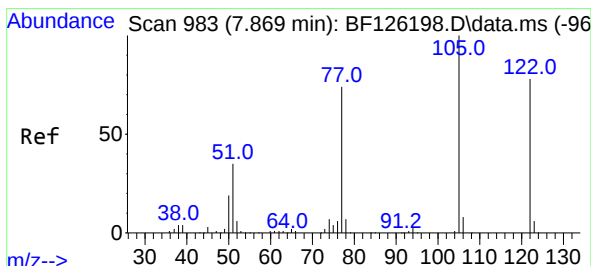
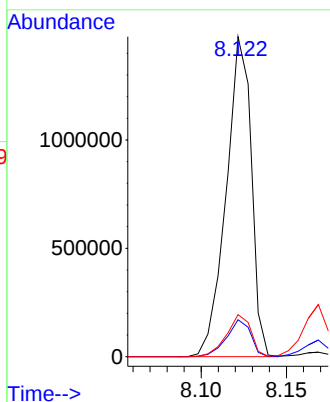
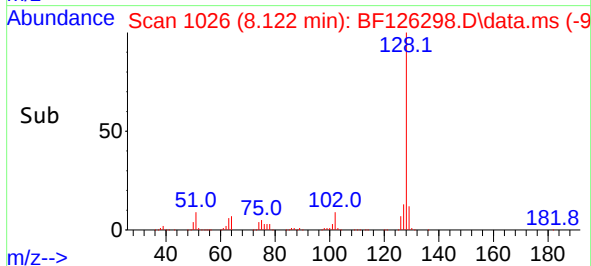


Tgt Ion:128 Resp: 151399
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.2 10.9 16.3

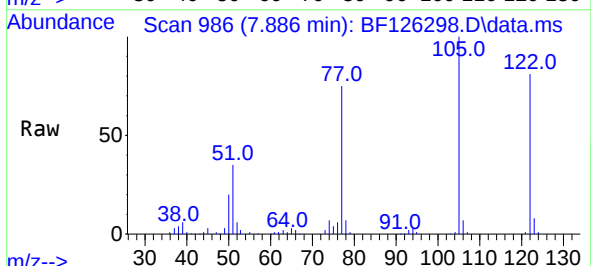
Manual Integrations

APPROVED

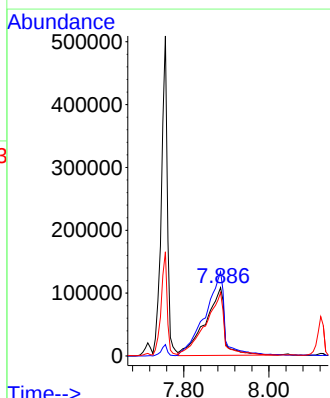
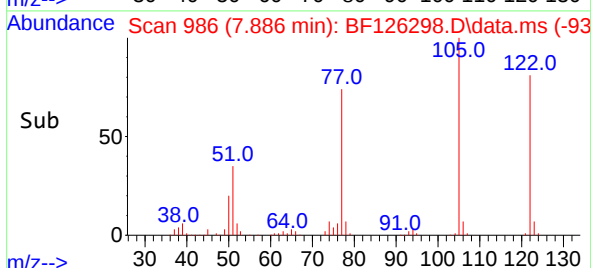
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

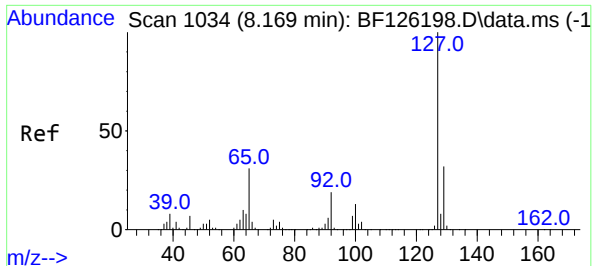


#32
Benzoic acid
Concen: 36.629 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.018 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



Tgt Ion:122 Resp: 349041
Ion Ratio Lower Upper
122 100
105 123.1 97.6 137.6
77 92.8 59.6 99.6





#33
4-Chloroaniline
Concen: 17.151 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

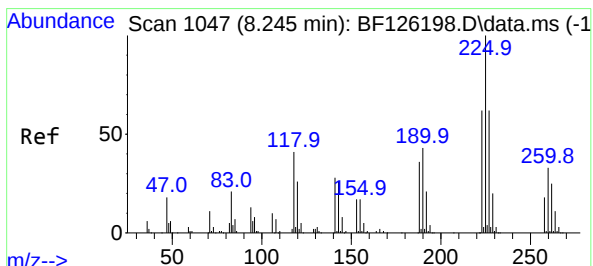
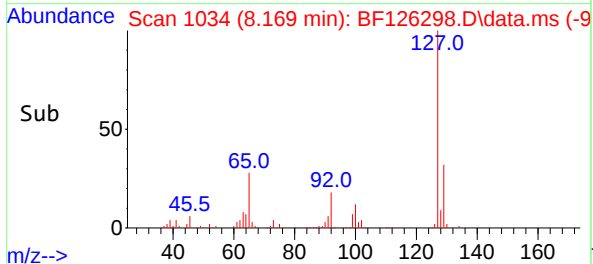
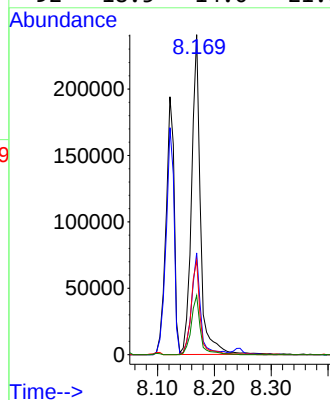
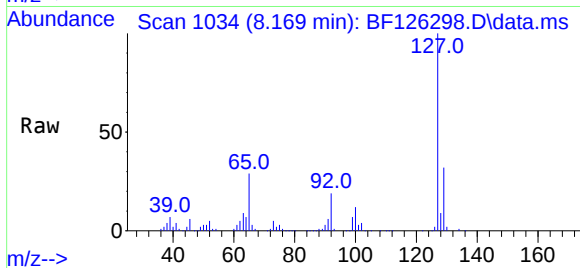
PB141610BS

Tgt Ion:127 Resp: 26250
Ion Ratio Lower Upper
127 100
129 31.8 25.7 38.5
65 29.4 21.2 31.8
92 18.5 14.0 21.0

Manual Integrations

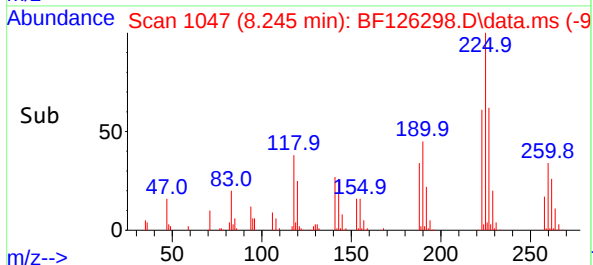
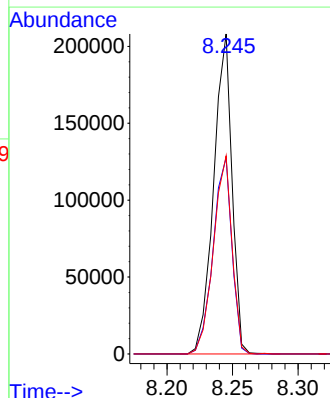
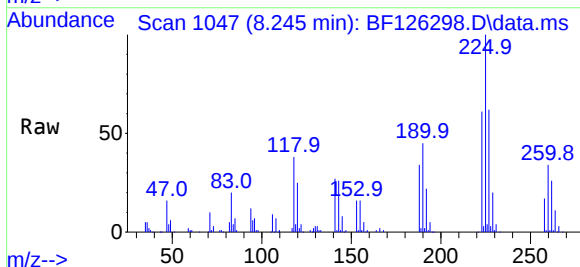
APPROVED

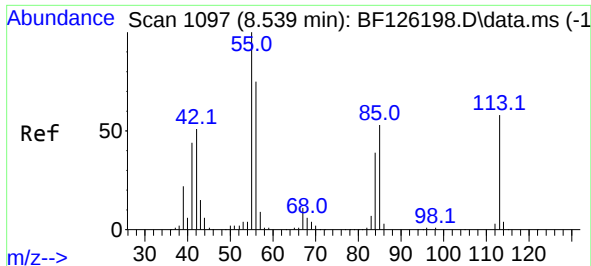
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#34
Hexachlorobutadiene
Concen: 40.483 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

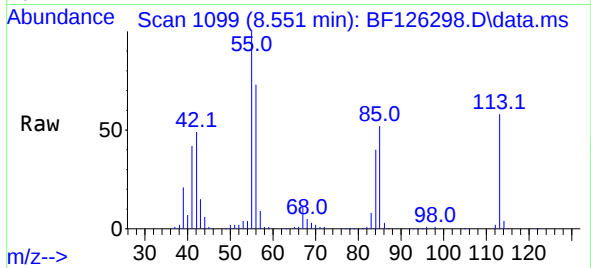
Tgt Ion:225 Resp: 202208
Ion Ratio Lower Upper
225 100
223 61.4 50.6 76.0
227 61.9 50.6 75.8





#35
Caprolactam
Concen: 63.526 ng m
RT: 8.551 min Scan# 1099
Delta R.T. 0.012 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

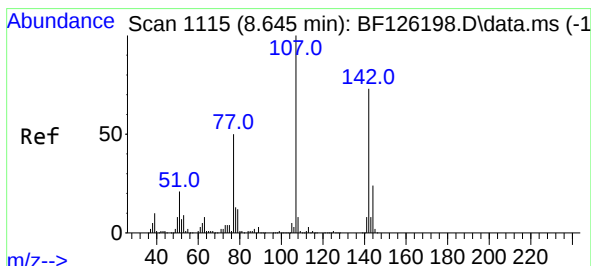
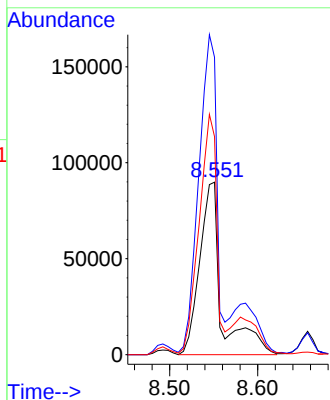
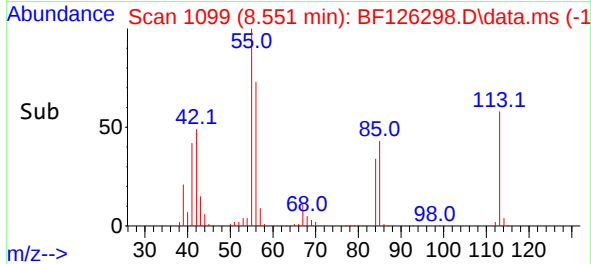
Instrument :
BNA_F
ClientSampleId :
PB141610BS



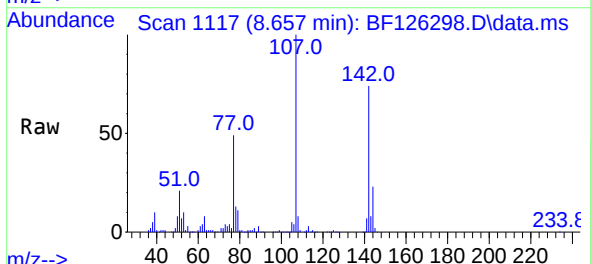
Tgt Ion:113 Resp: 155228
Ion Ratio Lower Upper
113 100
55 172.4 154.1 194.1
56 126.4 108.7 148.7

Manual Integrations
APPROVED

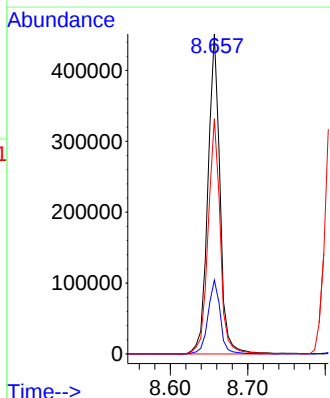
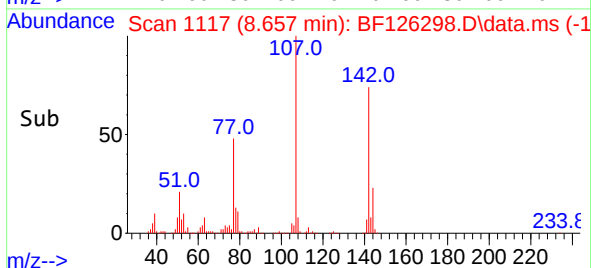
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

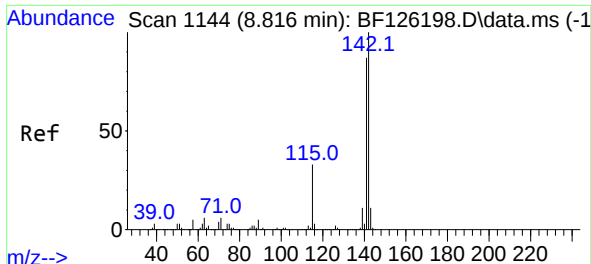


#36
4-Chloro-3-methylphenol
Concen: 42.037 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.012 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



Tgt Ion:107 Resp: 487548
Ion Ratio Lower Upper
107 100
144 23.1 21.9 32.9
142 73.5 67.1 100.7





#37

2-Methylnaphthalene

Concen: 42.792 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF126298.D

Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

PB141610BS

Tgt Ion:142 Resp: 96604

Ion Ratio Lower Upper

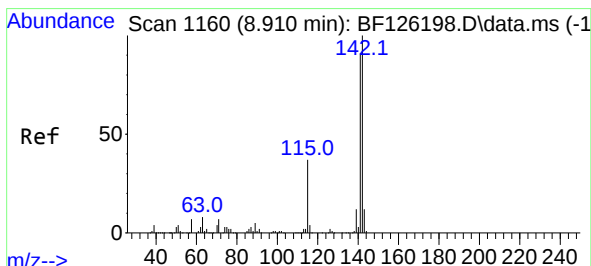
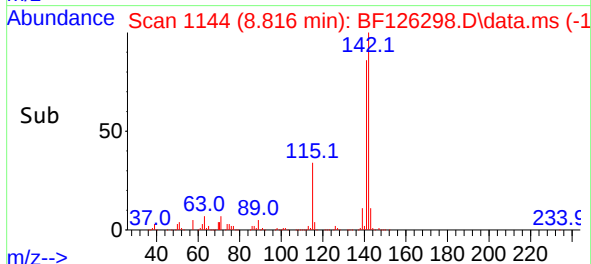
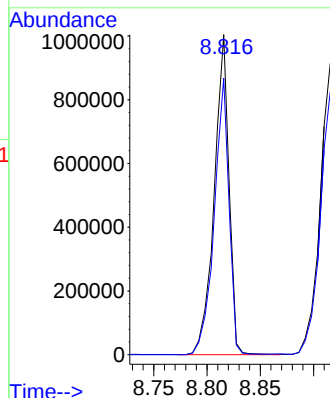
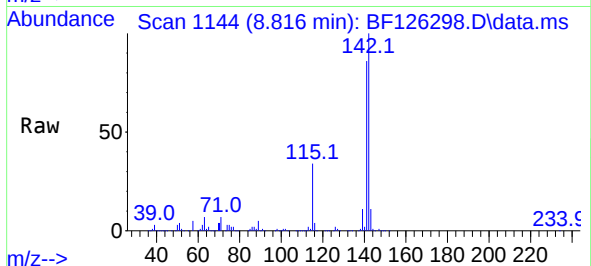
142 100

141 86.4 71.2 106.8

Manual Integrations

APPROVED

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



#38

1-Methylnaphthalene

Concen: 40.562 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.006 min

Lab File: BF126298.D

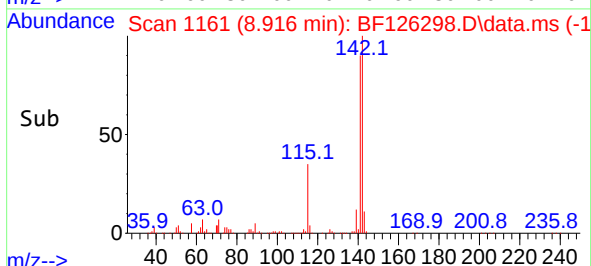
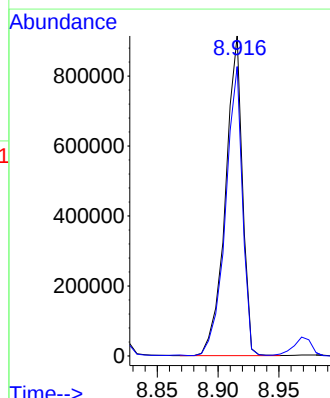
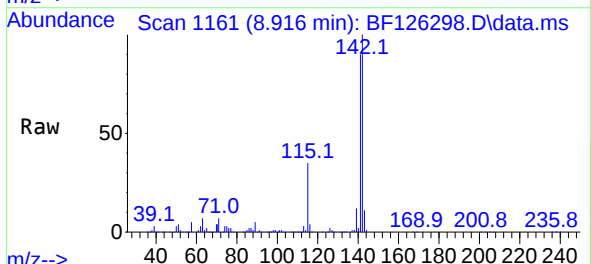
Acq: 21 Dec 2021 15:53

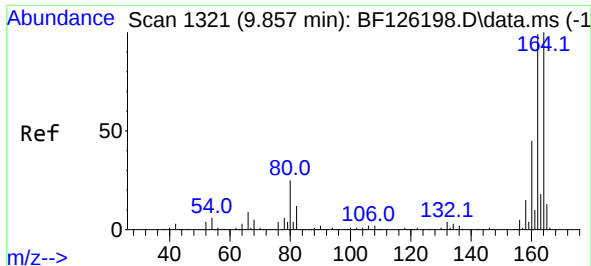
Tgt Ion:142 Resp: 888643

Ion Ratio Lower Upper

142 100

141 90.4 76.0 114.0





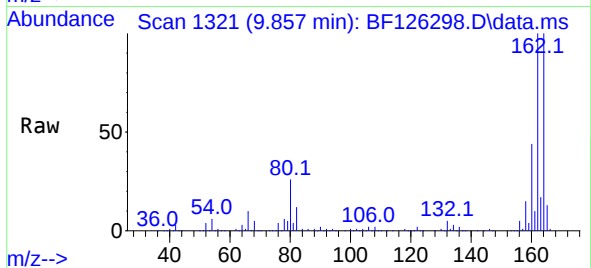
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

PB141610BS

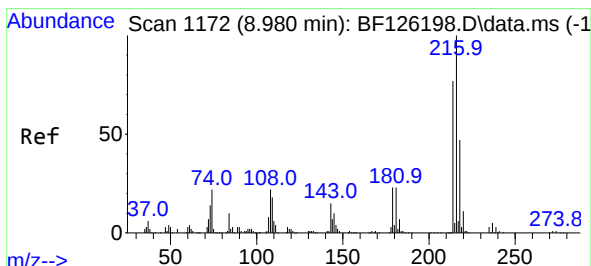
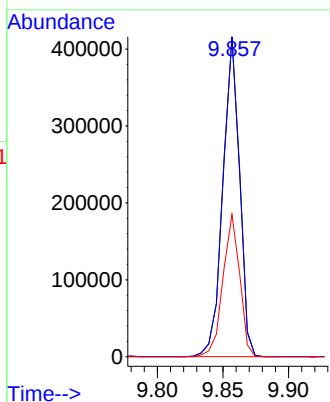
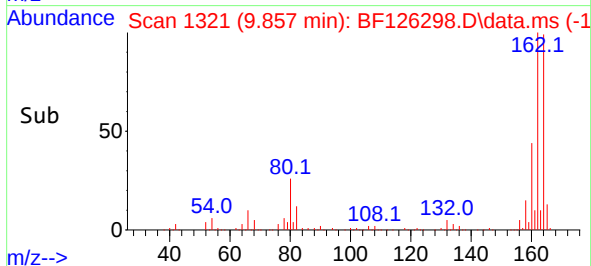


Tgt Ion:164 Resp: 365220
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 44.4 38.0 57.0

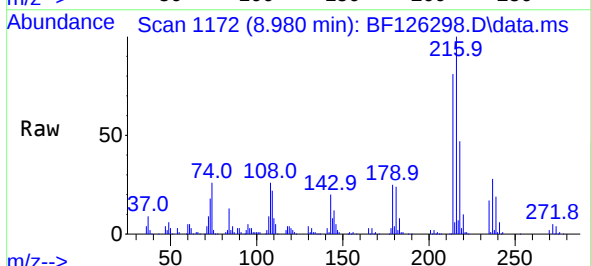
Manual Integrations

APPROVED

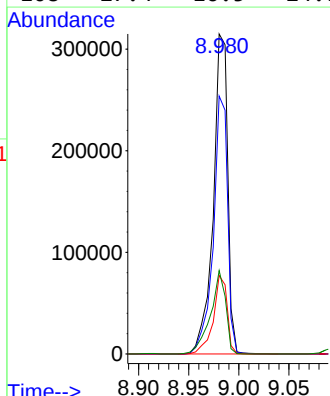
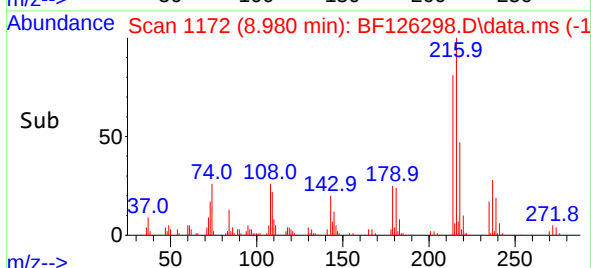
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

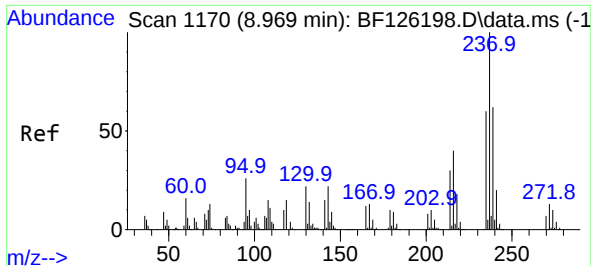


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.092 ng
RT: 8.980 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



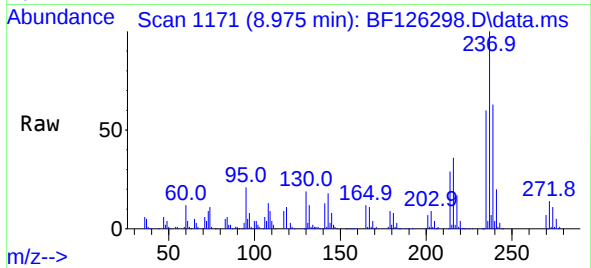
Tgt Ion:216 Resp: 316032
Ion Ratio Lower Upper
216 100
214 79.5 64.9 97.3
179 23.5 17.4 26.2
108 27.4 16.5 24.7#





#41
Hexachlorocyclopentadiene
Concen: 83.520 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

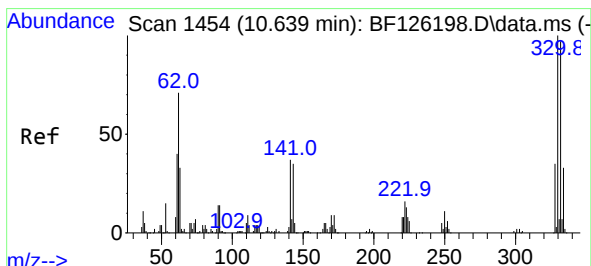
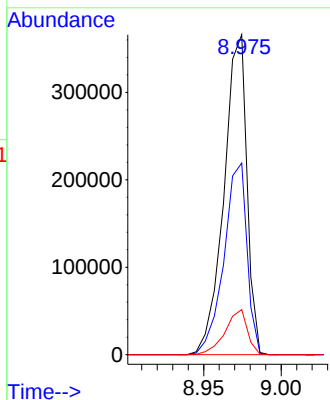
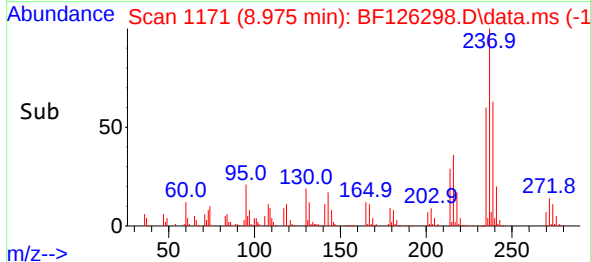
Instrument :
BNA_F
ClientSampleId :
PB141610BS



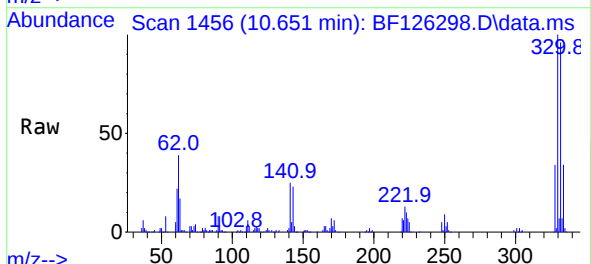
Tgt Ion:237 Resp: 377000
Ion Ratio Lower Upper
237 100
235 59.9 44.7 84.7
272 14.1 0.0 31.6

Manual Integrations
APPROVED

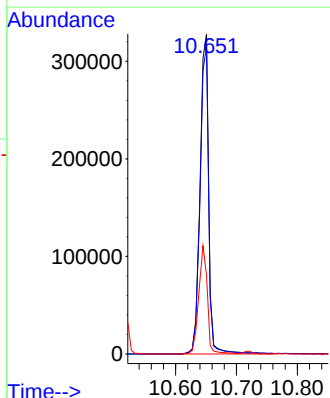
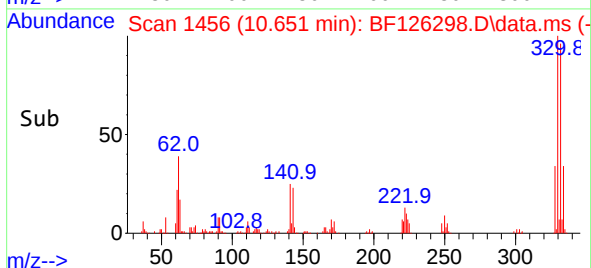
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

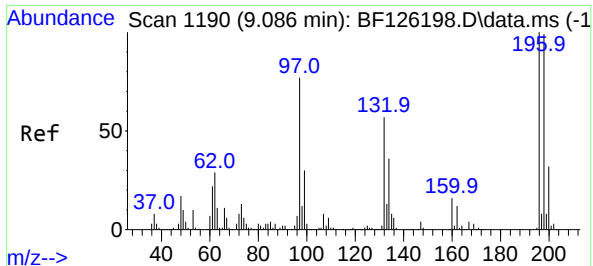


#42
2,4,6-Tribromophenol
Concen: 110.876 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



Tgt Ion:330 Resp: 325434
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 33.6 44.6 66.8#





#43
2,4,6-Trichlorophenol
Concen: 38.878 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

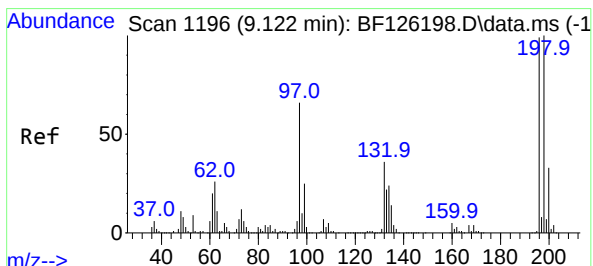
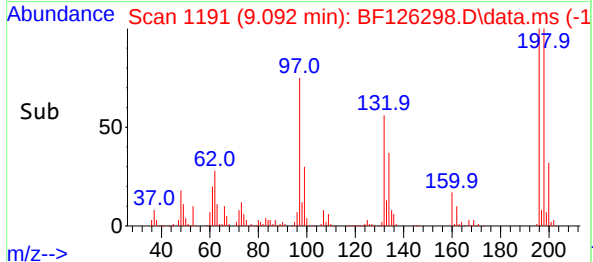
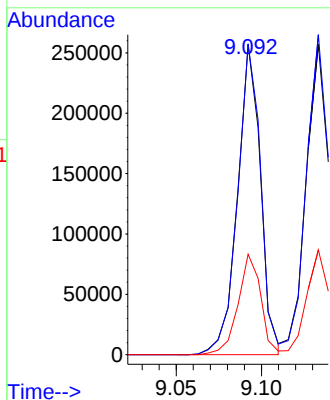
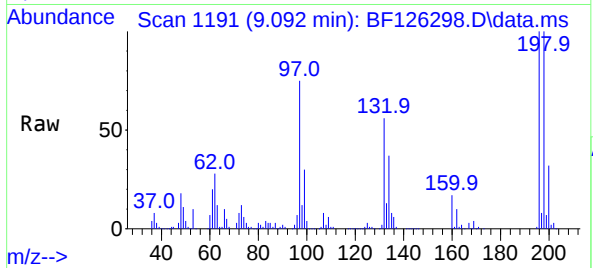
PB141610BS

Tgt Ion:196 Resp: 24107
Ion Ratio Lower Upper
196 100
198 100.2 74.9 112.3
200 32.4 27.0 40.4

Manual Integrations

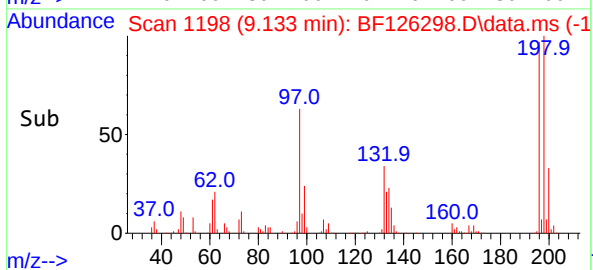
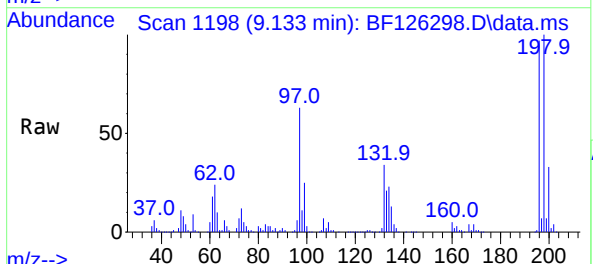
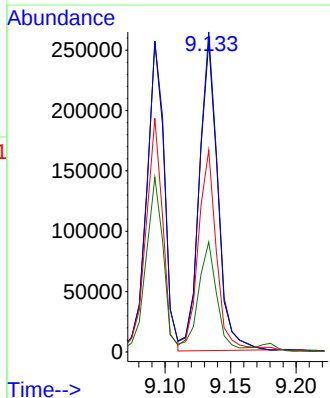
APPROVED

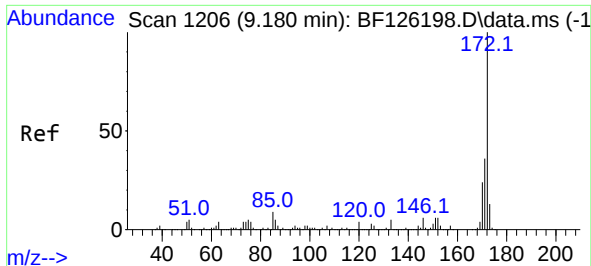
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#44
2,4,5-Trichlorophenol
Concen: 39.360 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Tgt Ion:196 Resp: 252747
Ion Ratio Lower Upper
196 100
198 103.1 80.2 120.2
97 65.1 44.0 66.0
132 35.5 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 69.940 ng

RT: 9.180 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF126298.D

Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

PB141610BS

Tgt Ion:172 Resp: 1456424

Ion Ratio Lower Upper

172 100

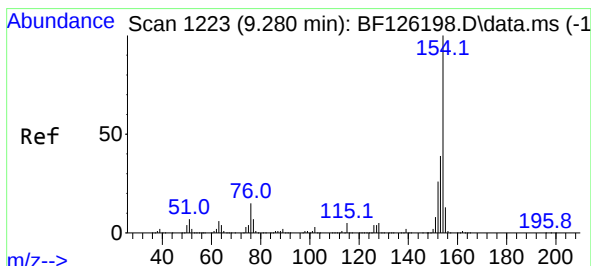
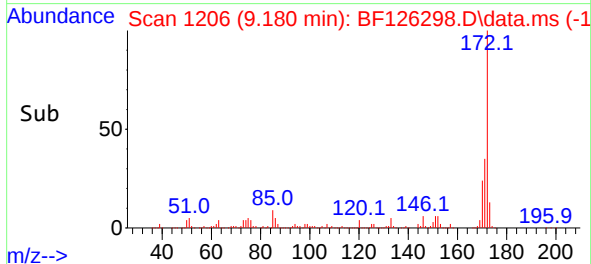
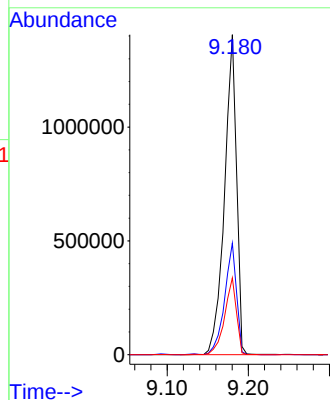
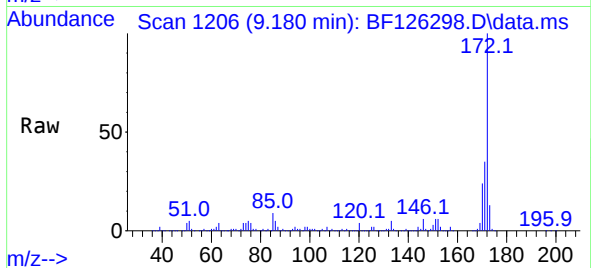
171 34.9 26.5 39.7

170 24.0 18.8 28.2

Manual Integrations

APPROVED

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



#46

1,1'-Biphenyl

Concen: 40.477 ng

RT: 9.280 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF126298.D

Acq: 21 Dec 2021 15:53

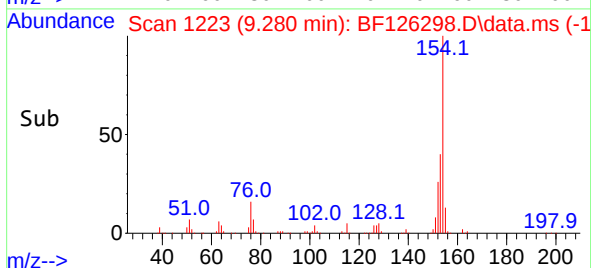
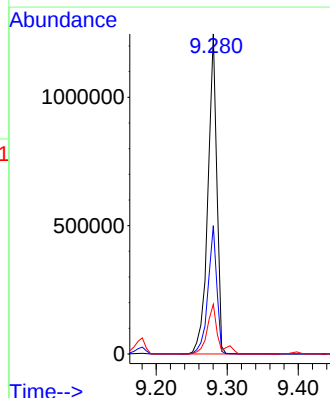
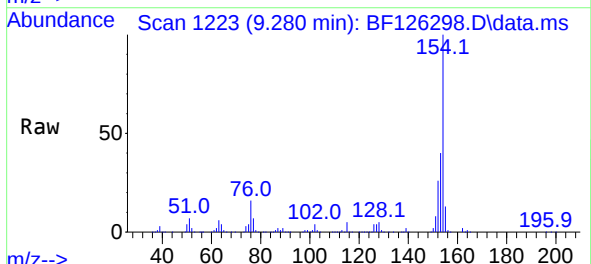
Tgt Ion:154 Resp: 1093083

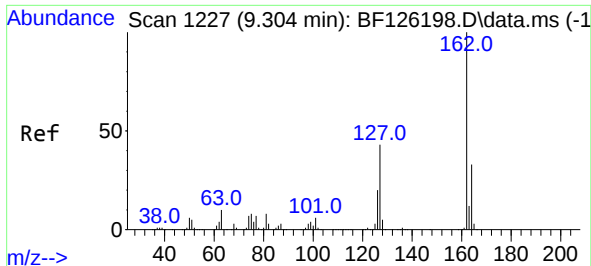
Ion Ratio Lower Upper

154 100

153 40.1 20.0 60.0

76 15.6 0.0 30.3





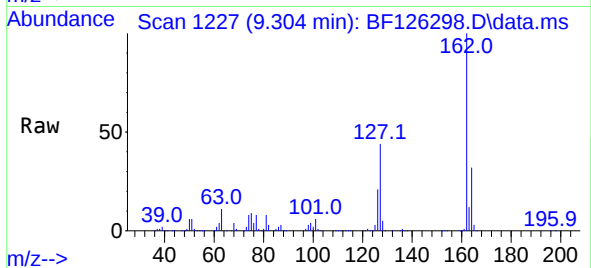
#47
2-Chloronaphthalene
Concen: 40.018 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

PB141610BS

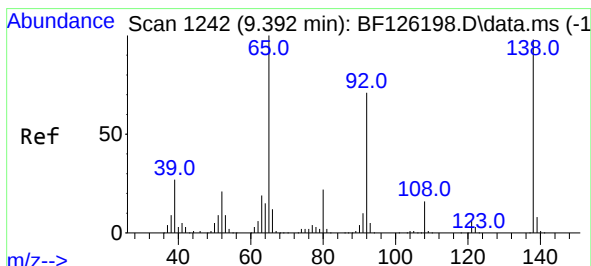
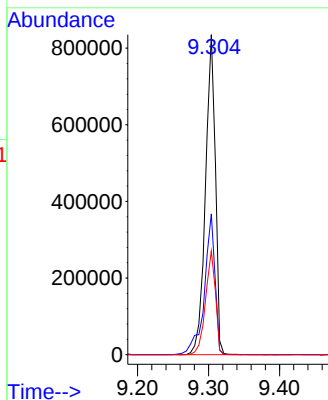
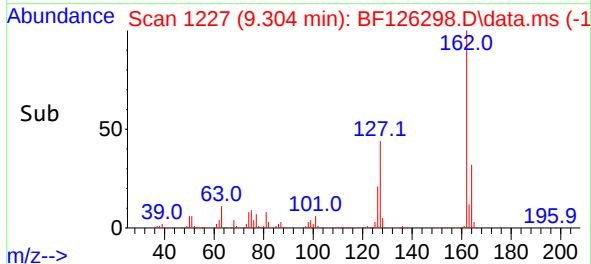


Tgt Ion:162 Resp: 813088
Ion Ratio Lower Upper
162 100
127 44.0 33.0 49.4
164 32.4 25.8 38.8

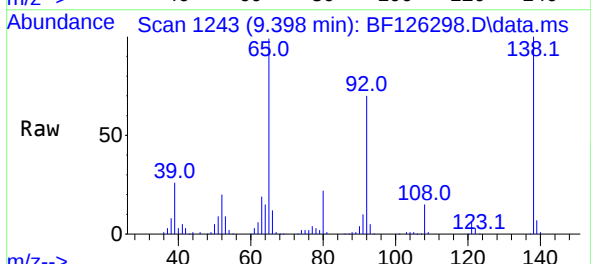
Manual Integrations

APPROVED

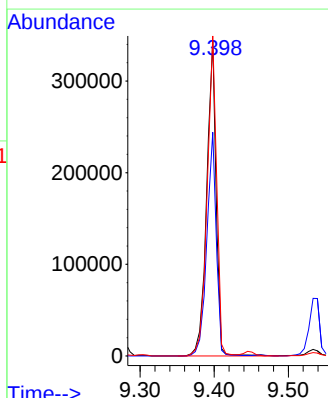
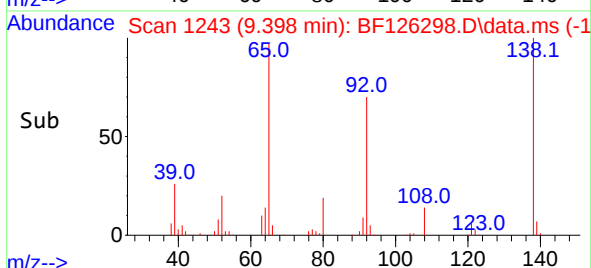
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

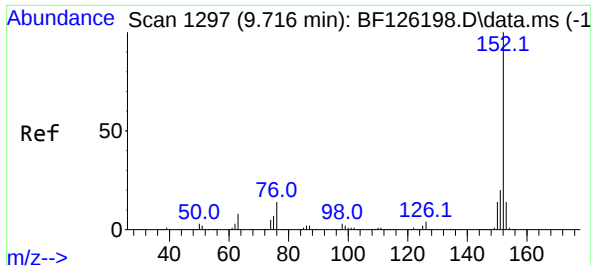


#48
2-Nitroaniline
Concen: 41.231 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



Tgt Ion: 65 Resp: 305772
Ion Ratio Lower Upper
65 100
92 70.9 55.5 83.3
138 101.5 93.5 140.3





#49

Acenaphthylene

Concen: 40.460 ng

RT: 9.722 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF126298.D

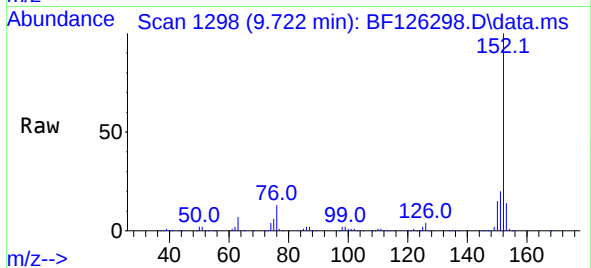
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

PB141610BS



Tgt Ion:152 Resp: 125614

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

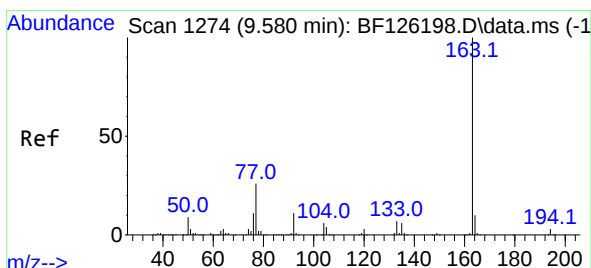
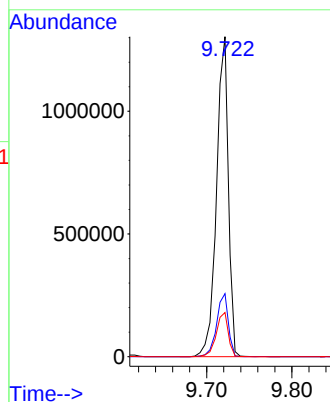
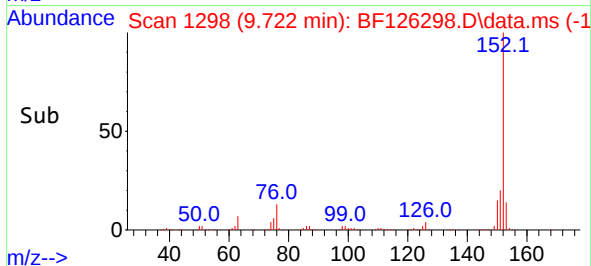
153 13.8 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021

Supervised By :mohammad ahmed 12/27/2021



#50

Dimethylphthalate

Concen: 40.106 ng

RT: 9.586 min Scan# 1275

Delta R.T. 0.006 min

Lab File: BF126298.D

Acq: 21 Dec 2021 15:53

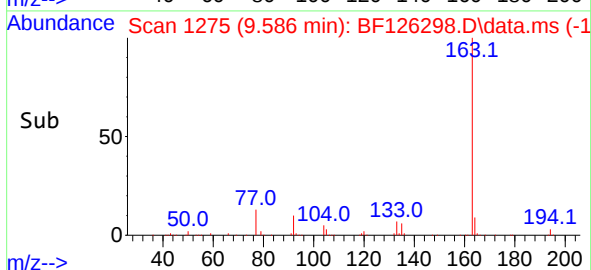
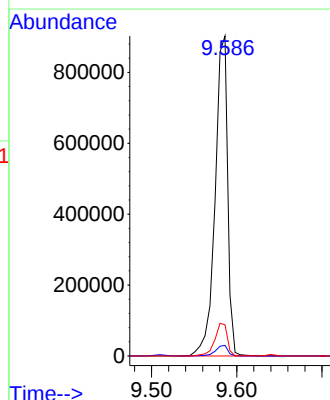
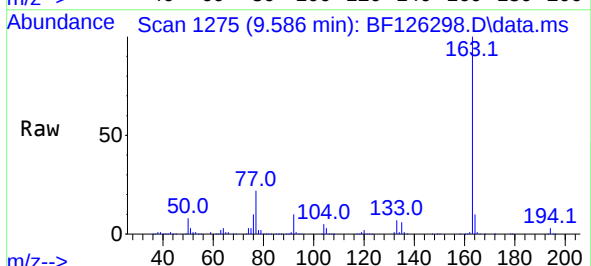
Tgt Ion:163 Resp: 927867

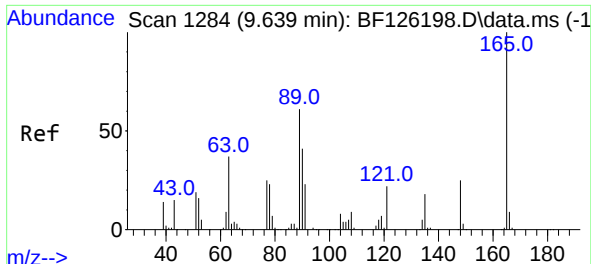
Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

164 9.8 7.4 11.0





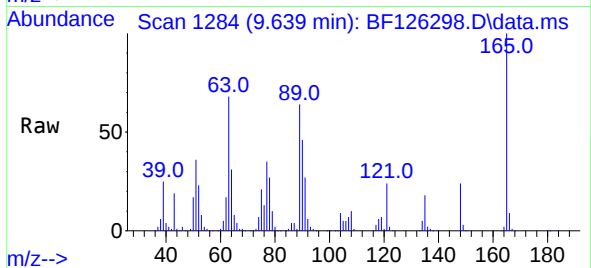
#51
2,6-Dinitrotoluene
Concen: 42.500 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

PB141610BS

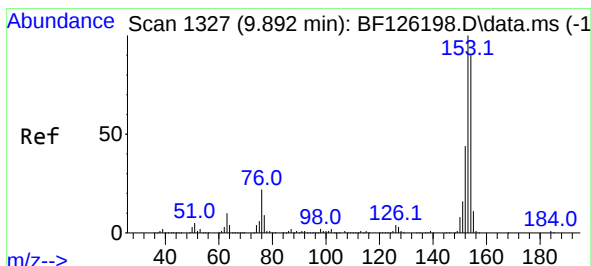
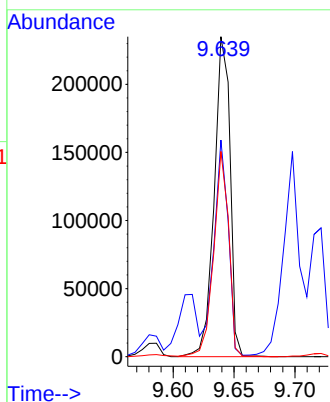
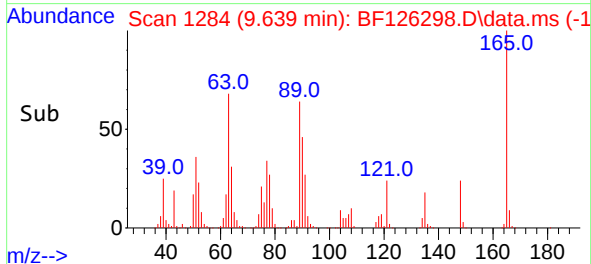


Tgt Ion:165 Resp: 212818
Ion Ratio Lower Upper
165 100
63 67.7 42.6 63.8
89 64.2 40.6 60.8

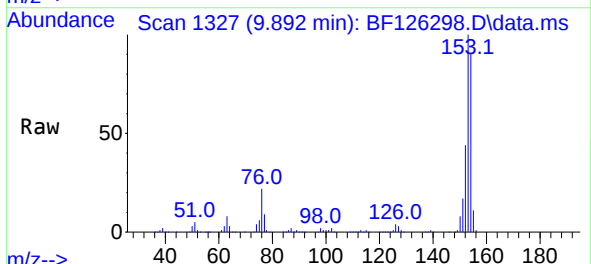
Manual Integrations

APPROVED

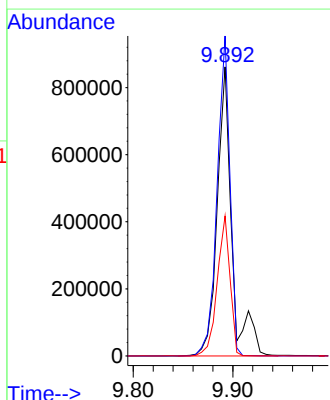
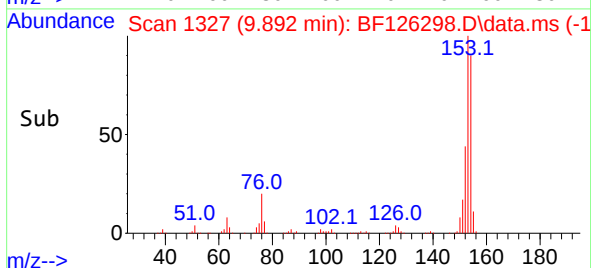
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

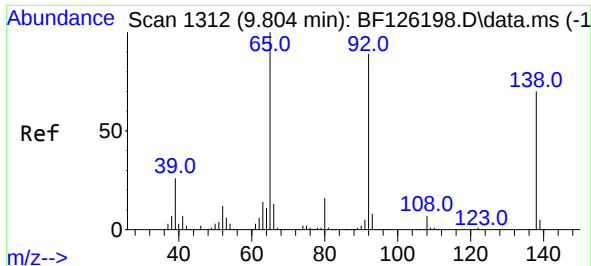


#52
Acenaphthene
Concen: 43.794 ng m
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



Tgt Ion:154 Resp: 881745
Ion Ratio Lower Upper
154 100
153 110.7 89.4 134.2
152 48.4 40.5 60.7





#53
3-Nitroaniline
Concen: 22.757 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

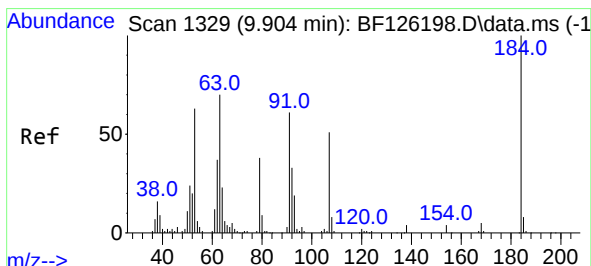
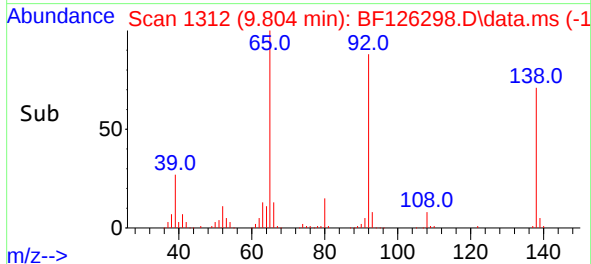
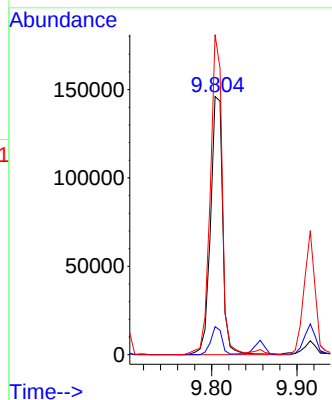
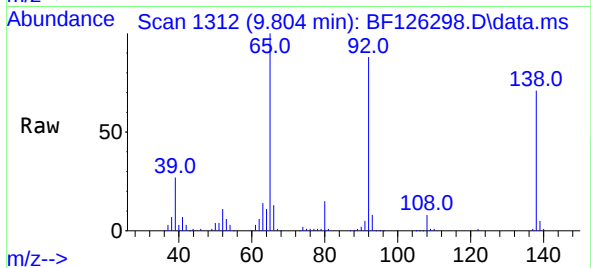
PB141610BS

Tgt Ion:138 Resp: 14484
Ion Ratio Lower Upper
138 100
108 10.9 9.3 13.9
92 124.0 76.5 114.7

Manual Integrations

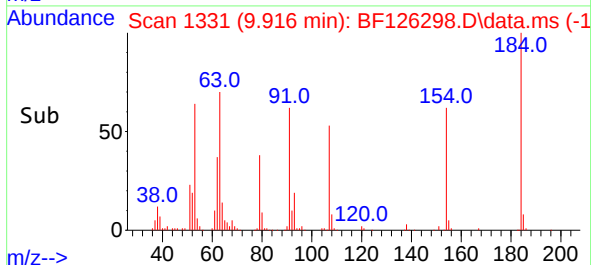
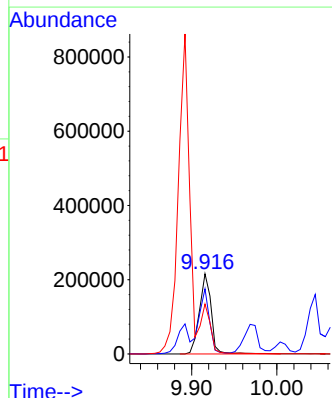
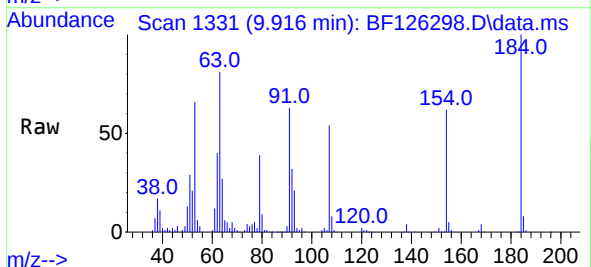
APPROVED

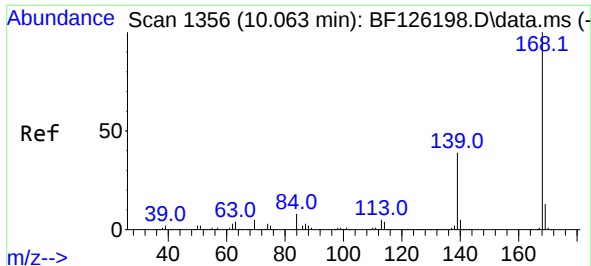
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#54
2,4-Dinitrophenol
Concen: 101.285 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Tgt Ion:184 Resp: 208835
Ion Ratio Lower Upper
184 100
63 81.3 59.3 88.9
154 62.2 68.6 102.8





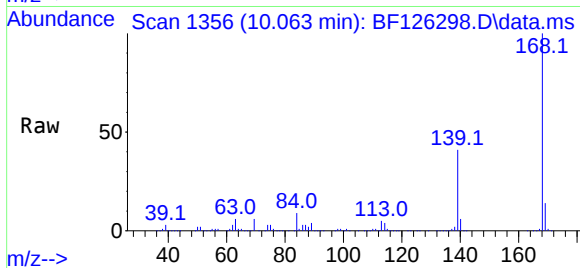
#55
Dibenzenofuran
Concen: 39.069 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

PB141610BS

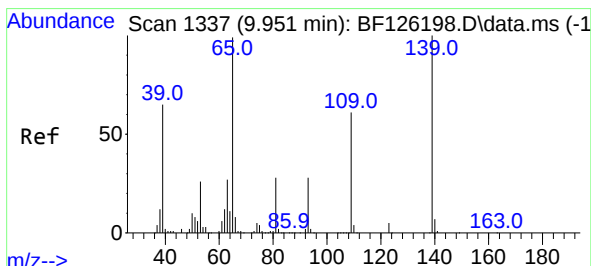
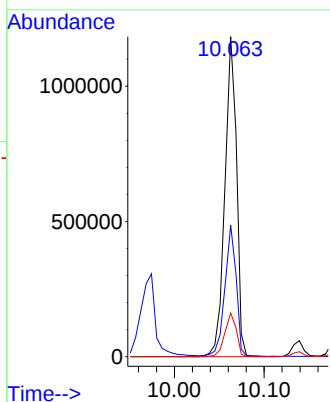
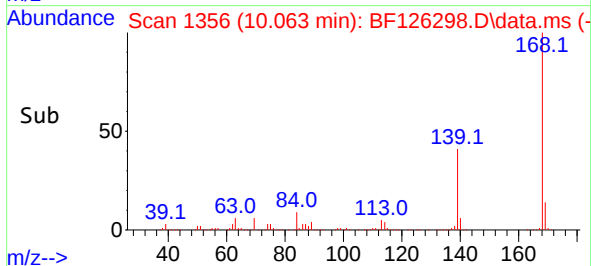


Tgt Ion:168 Resp: 1070980
Ion Ratio Lower Upper
168 100
139 41.1 32.7 49.1
169 13.7 11.2 16.8

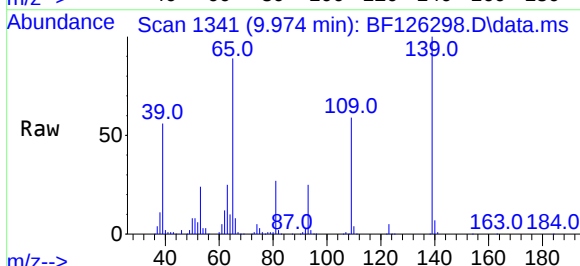
Manual Integrations

APPROVED

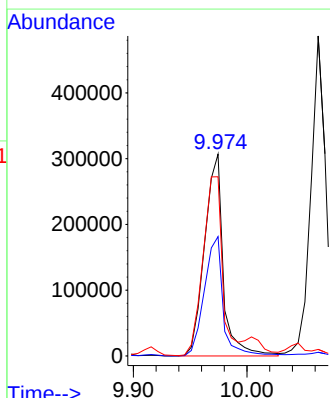
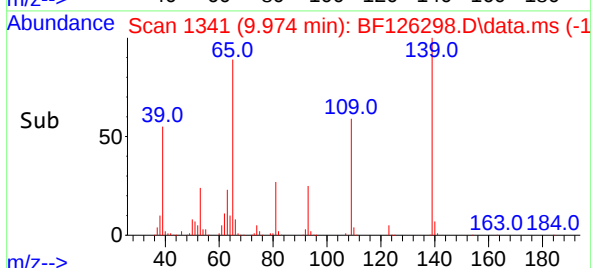
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

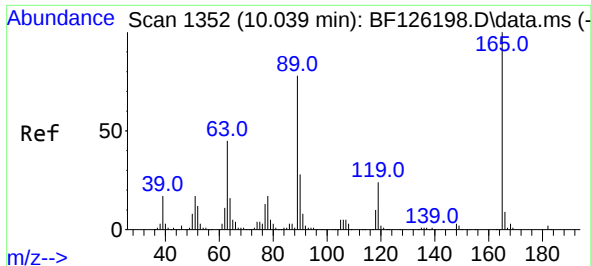


#56
4-Nitrophenol
Concen: 76.458 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.024 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



Tgt Ion:139 Resp: 351506
Ion Ratio Lower Upper
139 100
109 59.2 60.4 100.4#
65 88.8 58.4 98.4





#57
2,4-Dinitrotoluene
Concen: 43.749 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

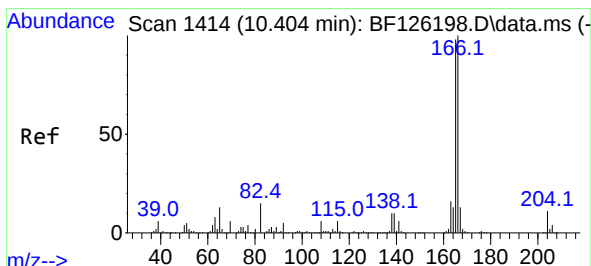
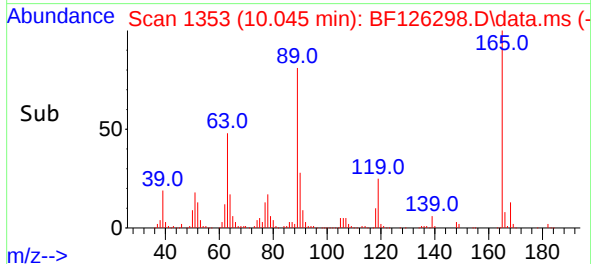
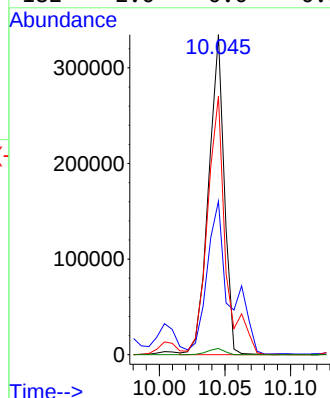
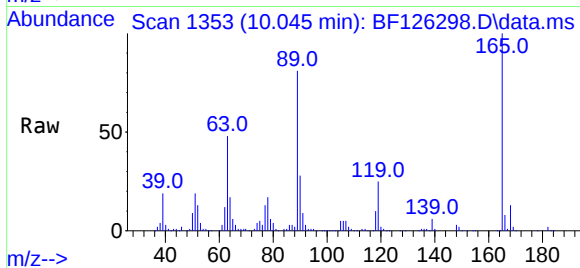
PB141610BS

Tgt Ion:165 Resp: 27945
Ion Ratio Lower Upper
165 100
63 48.0 40.9 61.3
89 80.7 59.7 89.5
182 2.0 0.0 0.0#

Manual Integrations

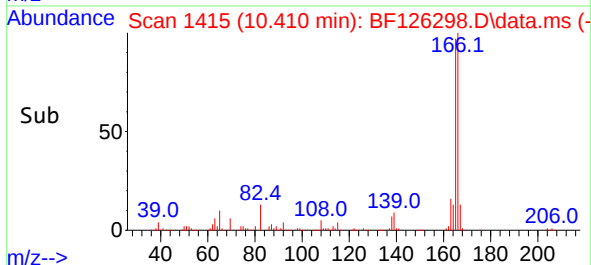
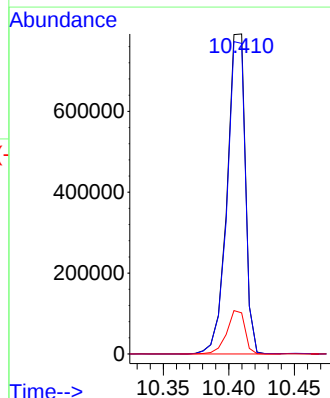
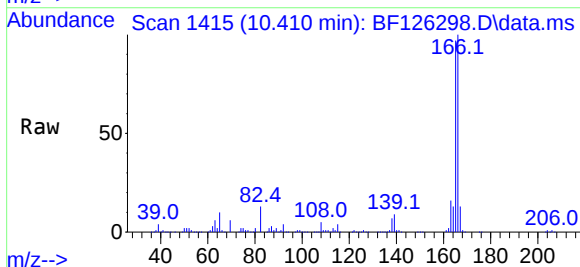
APPROVED

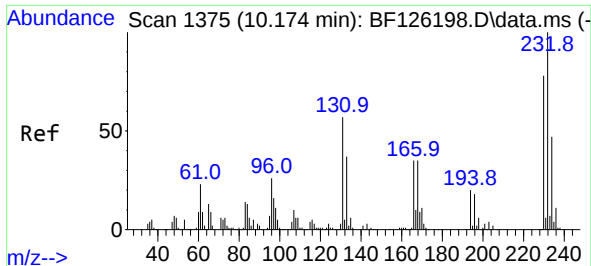
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#58
Fluorene
Concen: 38.703 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

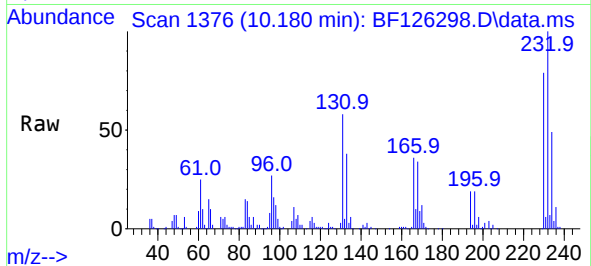
Tgt Ion:166 Resp: 768069
Ion Ratio Lower Upper
166 100
165 97.0 78.1 117.1
167 12.8 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.853 ng
RT: 10.180 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

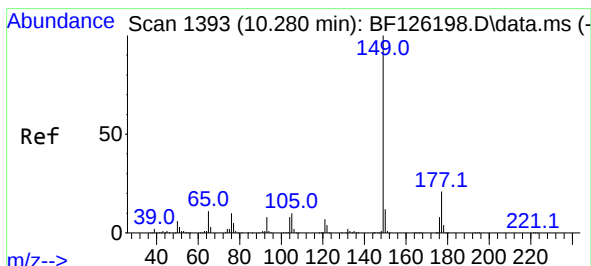
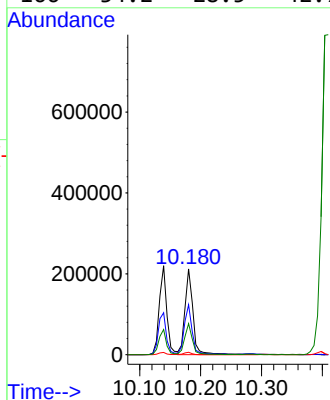
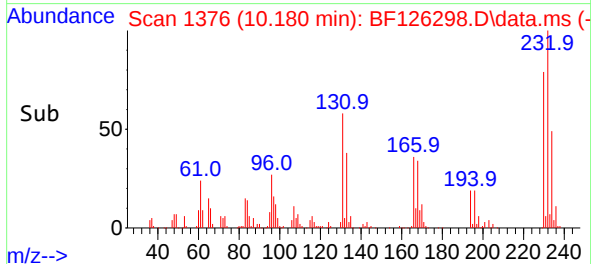
Instrument :
BNA_F
ClientSampleId :
PB141610BS



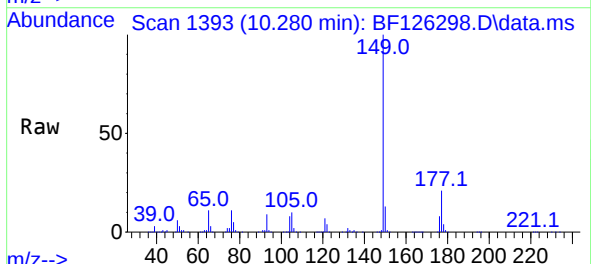
Tgt Ion:232 Resp: 194510
Ion Ratio Lower Upper
232 100
131 57.1 45.4 68.0
130 2.6 0.0 0.0
166 34.2 28.5 42.7

Manual Integrations
APPROVED

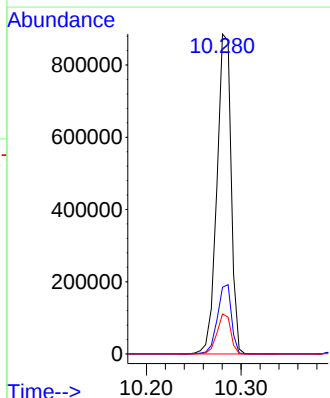
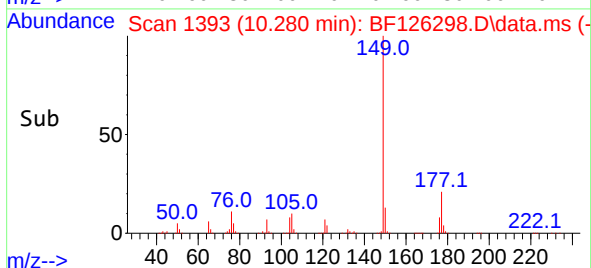
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

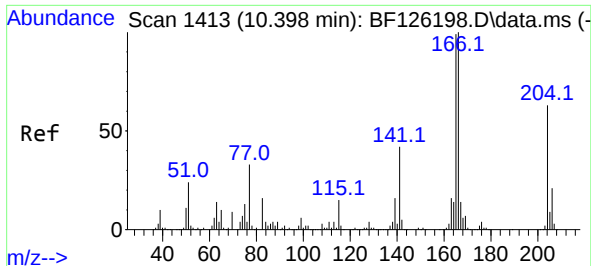


#60
Diethylphthalate
Concen: 39.774 ng
RT: 10.280 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



Tgt Ion:149 Resp: 924732
Ion Ratio Lower Upper
149 100
177 20.8 16.5 24.7
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 37.217 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

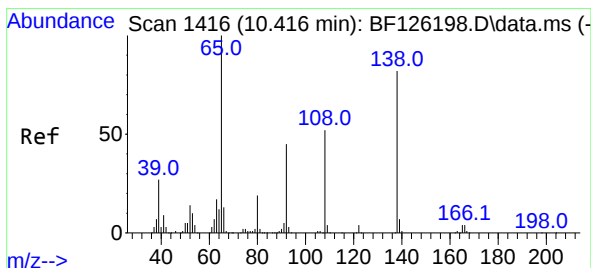
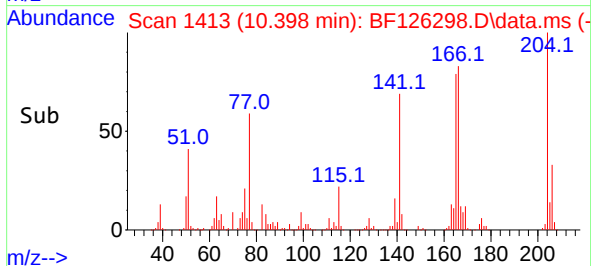
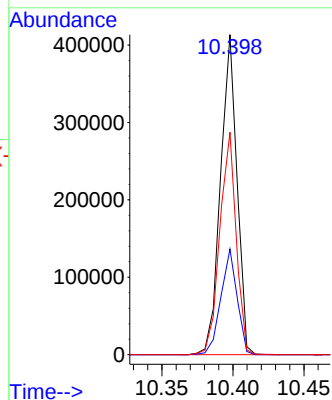
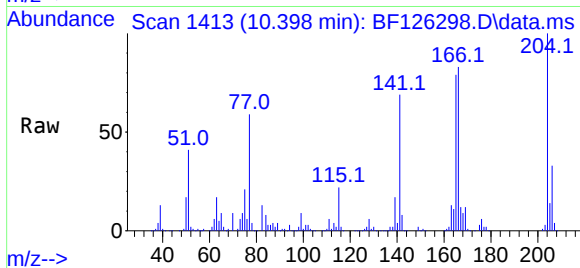
PB141610BS

Tgt Ion:204 Resp: 33254
Ion Ratio Lower Upper
204 100
206 33.0 27.6 41.4
141 69.5 58.6 88.0

Manual Integrations

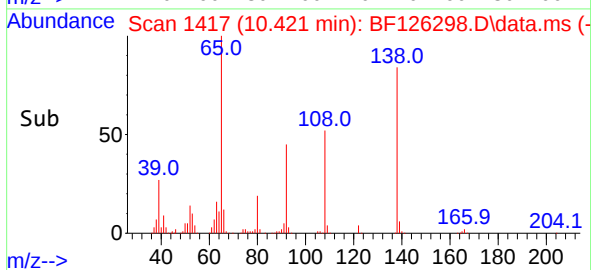
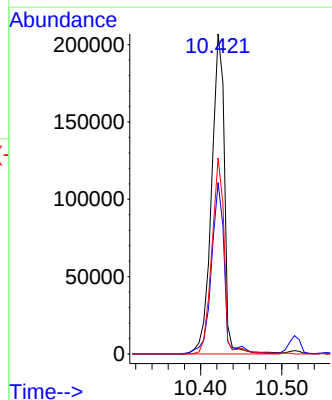
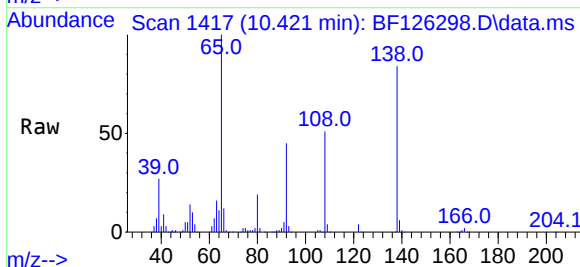
APPROVED

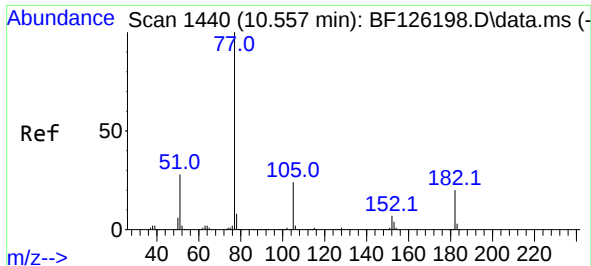
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#62
4-Nitroaniline
Concen: 42.817 ng
RT: 10.421 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Tgt Ion:138 Resp: 228603
Ion Ratio Lower Upper
138 100
92 53.5 29.6 69.6
108 61.3 78.1 118.1#





#63
Azobenzene
Concen: 39.222 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

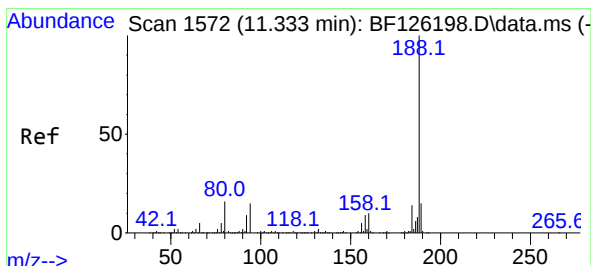
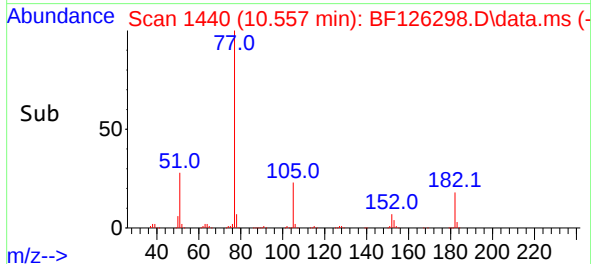
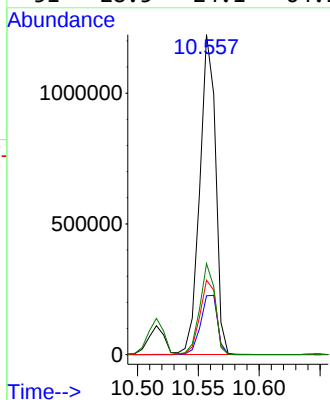
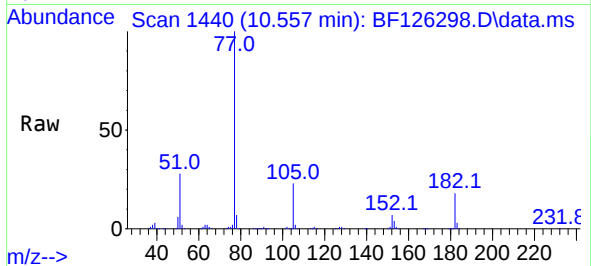
PB141610BS

Tgt Ion: 77 Resp: 1104520
Ion Ratio Lower Upper
77 100
182 18.4 6.3 46.3
105 23.3 2.9 42.9
51 28.5 24.1 64.1

Manual Integrations

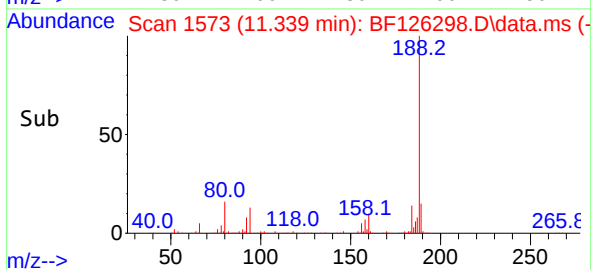
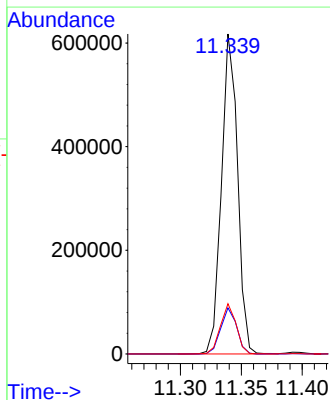
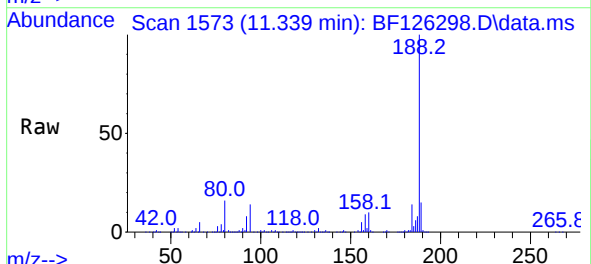
APPROVED

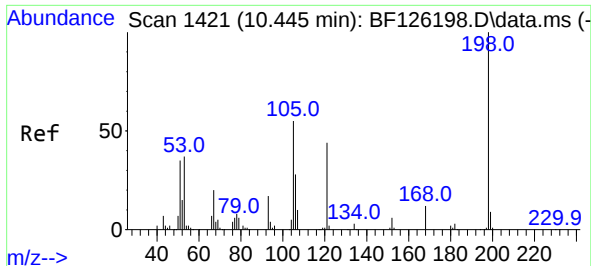
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Tgt Ion:188 Resp: 567952
Ion Ratio Lower Upper
188 100
94 14.4 6.7 10.1#
80 15.7 7.5 11.3#





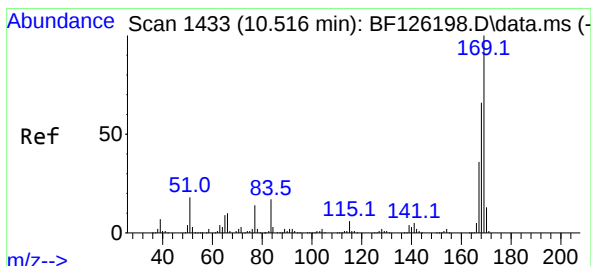
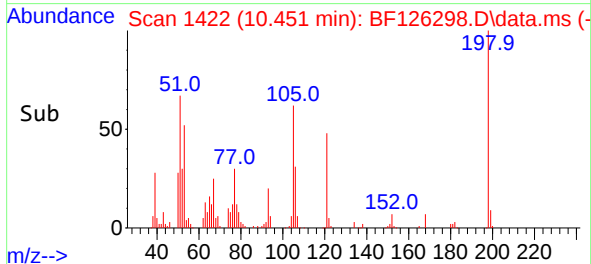
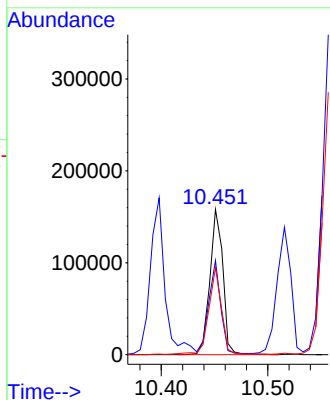
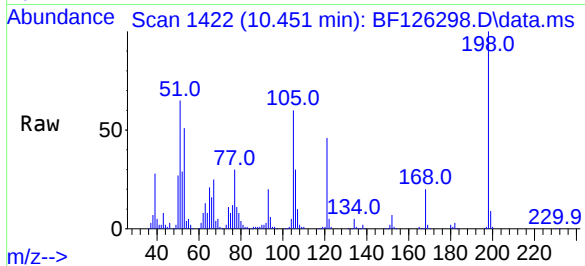
#65
4,6-Dinitro-2-methylphenol
Concen: 43.513 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :
BNA_F
ClientSampleId :
PB141610BS

Tgt Ion:198 Resp: 134950
Ion Ratio Lower Upper
198 100
51 64.7 45.3 85.3
105 59.9 30.6 70.6

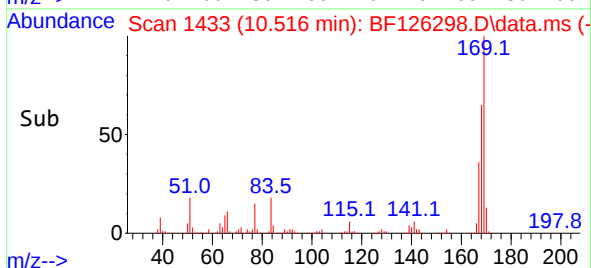
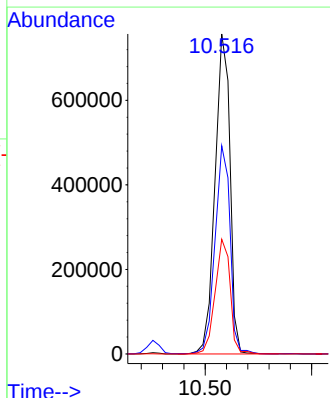
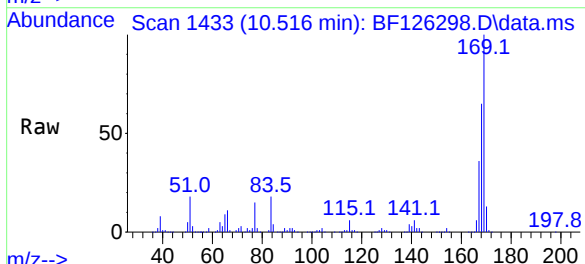
Manual Integrations
APPROVED

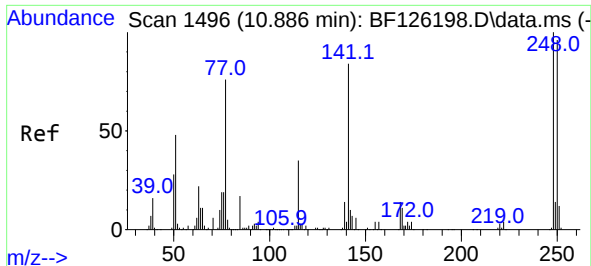
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#66
n-Nitrosodiphenylamine
Concen: 40.455 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Tgt Ion:169 Resp: 737399
Ion Ratio Lower Upper
169 100
168 65.1 50.8 76.2
167 35.8 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 40.598 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

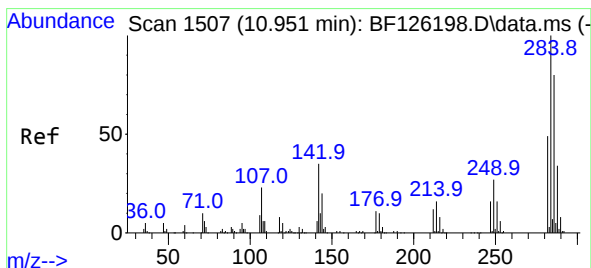
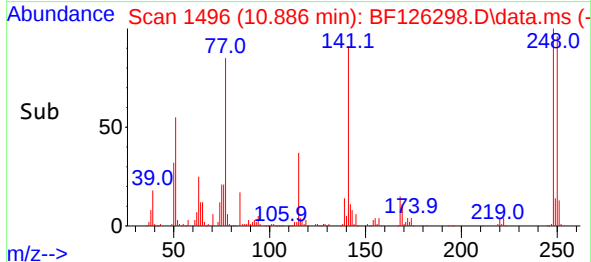
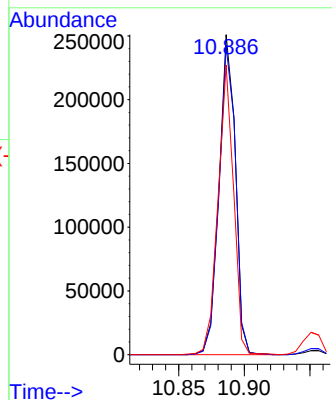
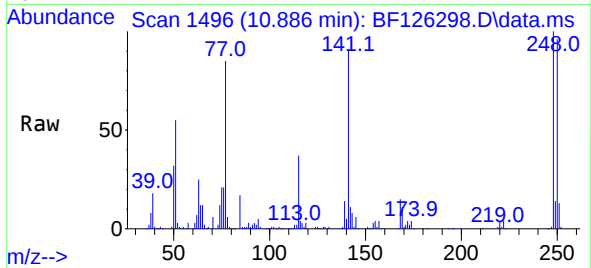
PB141610BS

Tgt Ion:248 Resp: 216400
Ion Ratio Lower Upper
248 100
250 96.5 74.2 111.4
141 90.6 60.4 90.6

Manual Integrations

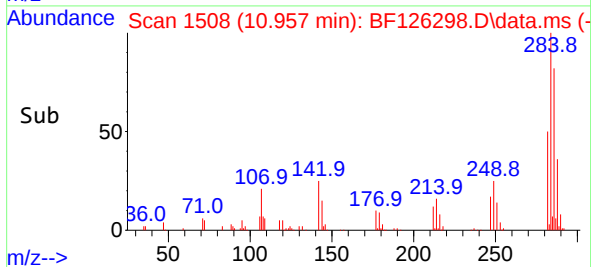
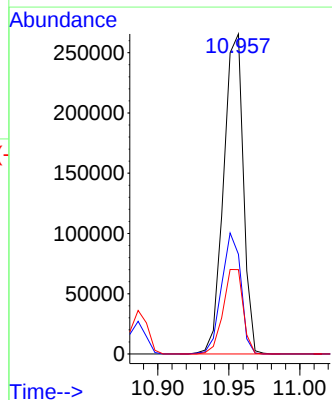
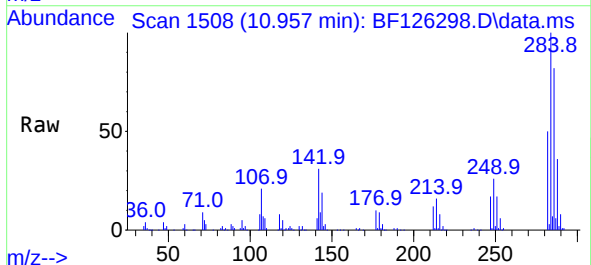
APPROVED

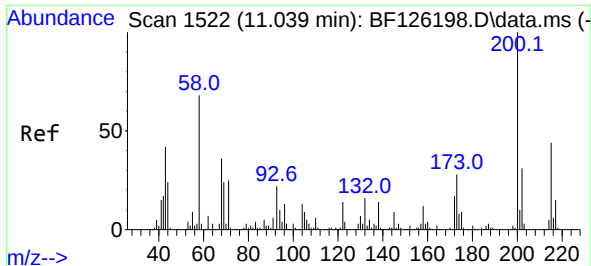
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#68
Hexachlorobenzene
Concen: 41.774 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

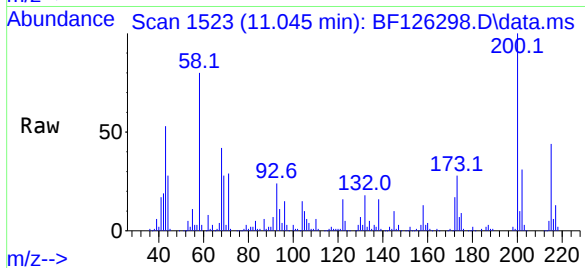
Tgt Ion:284 Resp: 256092
Ion Ratio Lower Upper
284 100
142 31.2 36.4 54.6#
249 26.3 25.6 38.4





#69
Atrazine
Concen: 66.042 ng
RT: 11.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

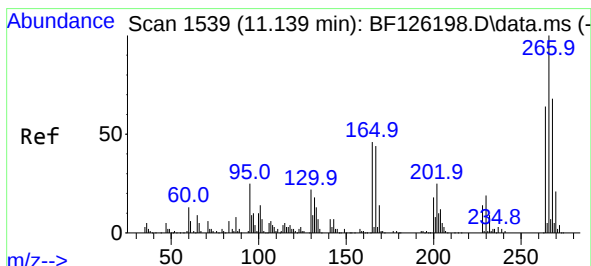
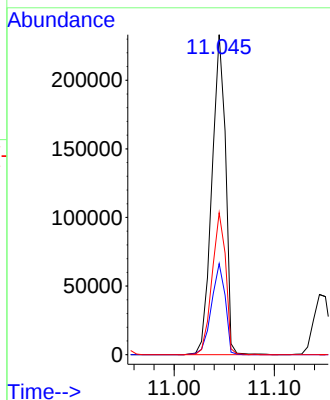
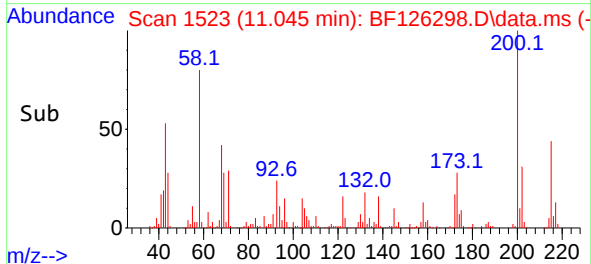
Instrument :
BNA_F
ClientSampleId :
PB141610BS



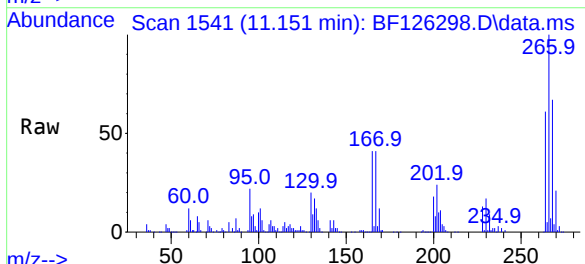
Tgt Ion:200 Resp: 220602
Ion Ratio Lower Upper
200 100
173 28.4 11.1 51.1
215 44.4 22.7 62.7

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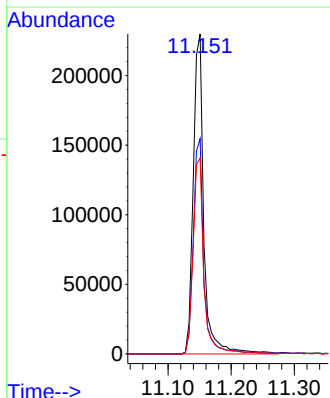
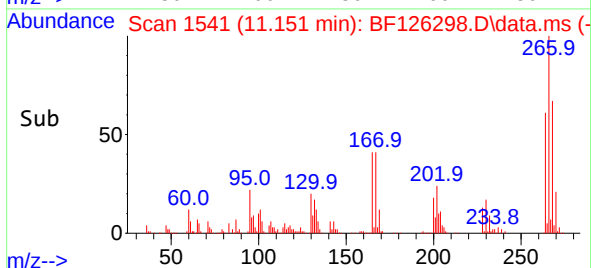
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

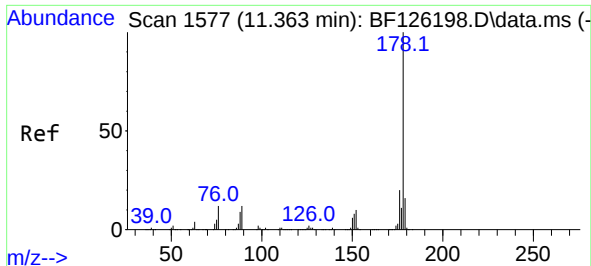


#70
Pentachlorophenol
Concen: 78.568 ng
RT: 11.151 min Scan# 1541
Delta R.T. 0.012 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



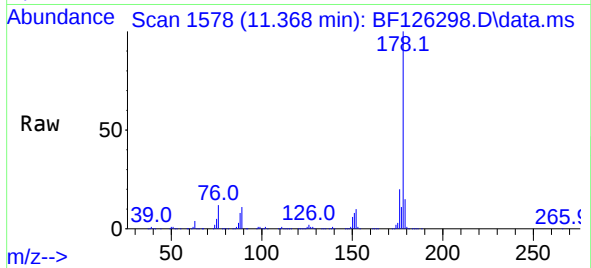
Tgt Ion:266 Resp: 267215
Ion Ratio Lower Upper
266 100
268 67.2 48.9 73.3
264 61.2 55.9 83.9





#71
Phenanthrene
Concen: 39.966 ng
RT: 11.368 min Scan# 1171550
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

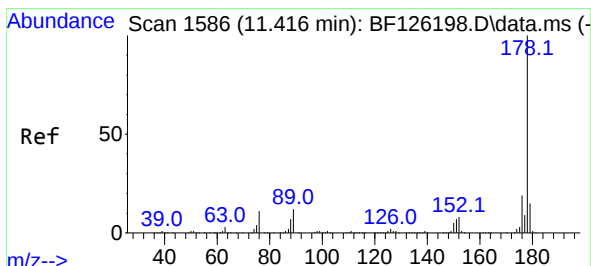
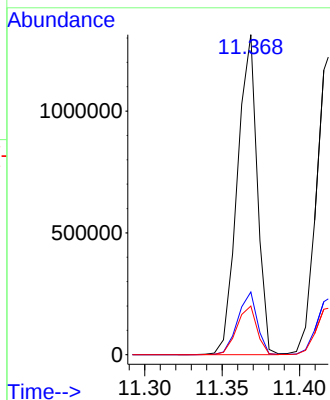
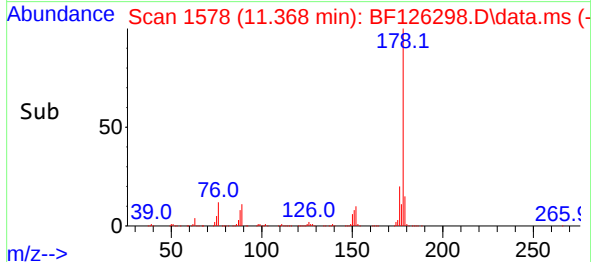
Instrument :
BNA_F
ClientSampleId :
PB141610BS



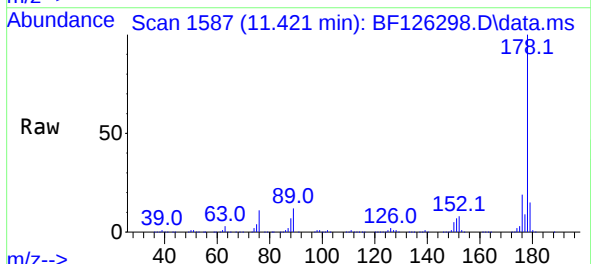
Tgt Ion:178 Resp: 1171550
Ion Ratio Lower Upper
178 100
176 19.6 14.7 22.1
179 15.2 11.5 17.3

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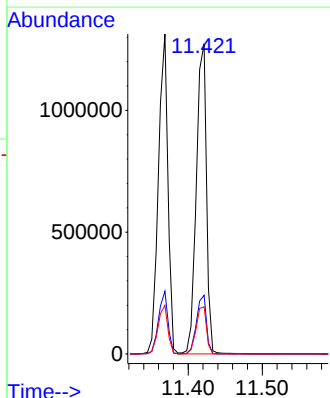
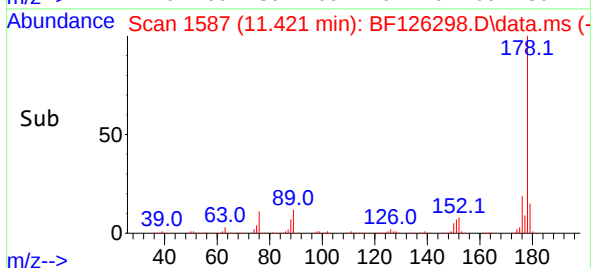
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

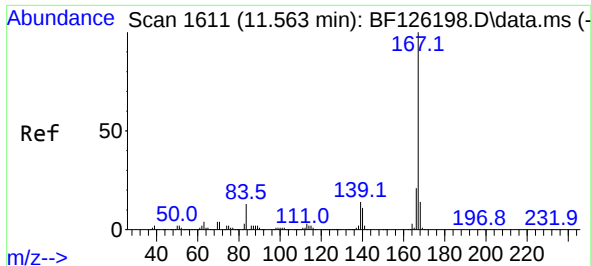


#72
Anthracene
Concen: 41.084 ng
RT: 11.421 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



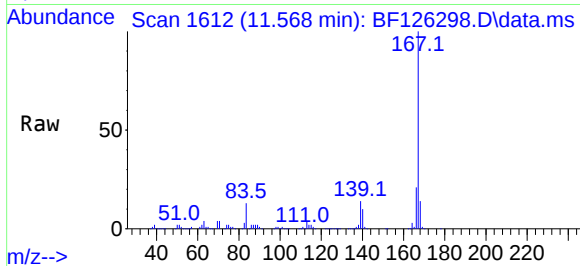
Tgt Ion:178 Resp: 1208809
Ion Ratio Lower Upper
178 100
176 18.9 14.3 21.5
179 15.2 12.2 18.4





#73
 Carbazole
 Concen: 39.080 ng
 RT: 11.568 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF126298.D
 Acq: 21 Dec 2021 15:53

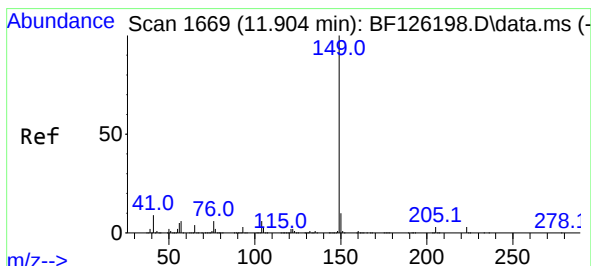
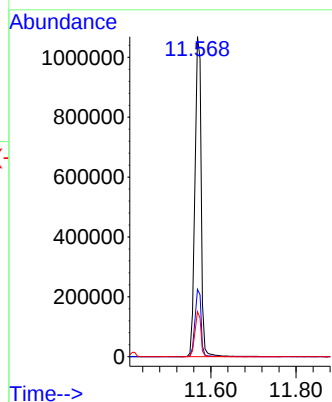
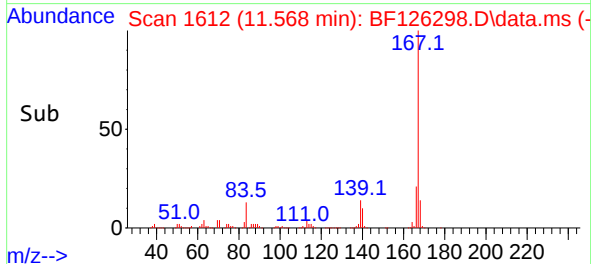
Instrument :
 BNA_F
 ClientSampleId :
 PB141610BS



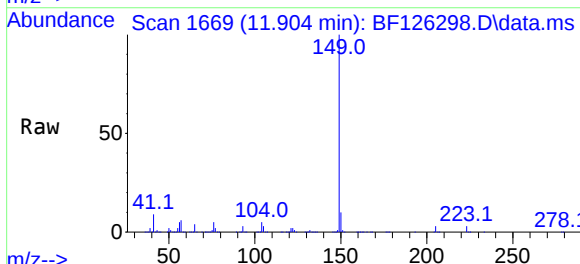
Tgt Ion:167 Resp: 108285
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 14.1 11.0 16.4

Manual Integrations
 APPROVED

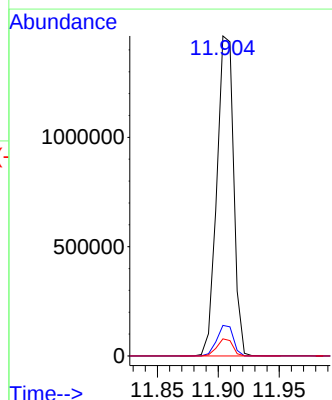
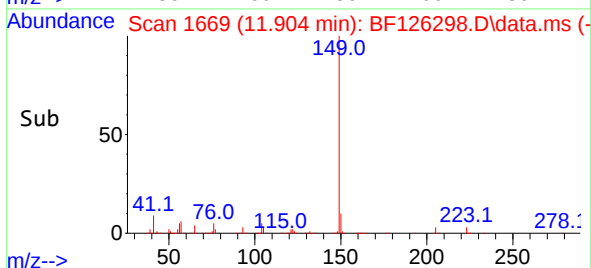
Reviewed By :Jagrut Upadhyay 12/22/2021
 Supervised By :mohammad ahmed 12/27/2021

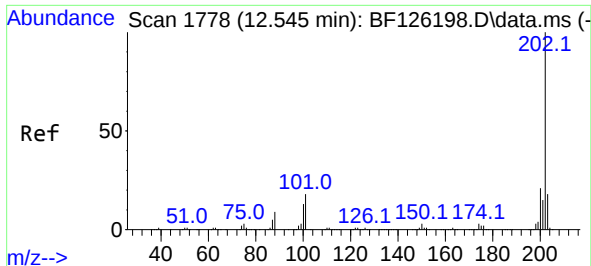


#74
 Di-n-butylphthalate
 Concen: 40.115 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF126298.D
 Acq: 21 Dec 2021 15:53



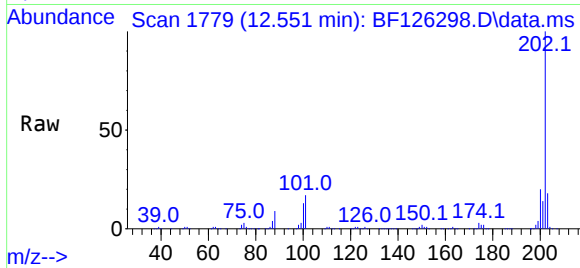
Tgt Ion:149 Resp: 1409070
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 41.018 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

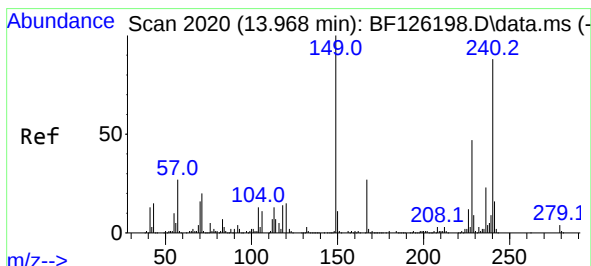
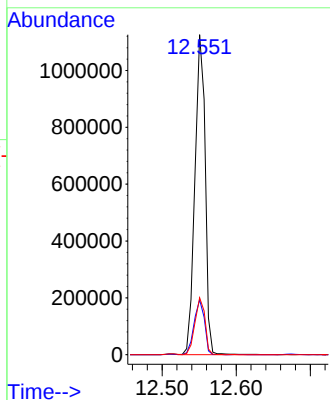
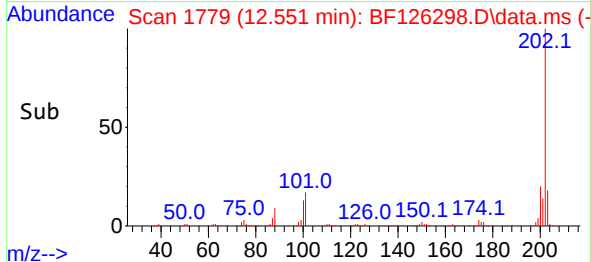
Instrument :
BNA_F
ClientSampleId :
PB141610BS



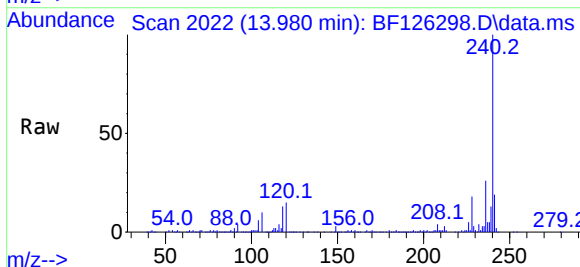
Tgt Ion:202 Resp: 1083338
Ion Ratio Lower Upper
202 100
101 17.2 0.0 30.7
203 17.8 0.0 36.3

Manual Integrations
APPROVED

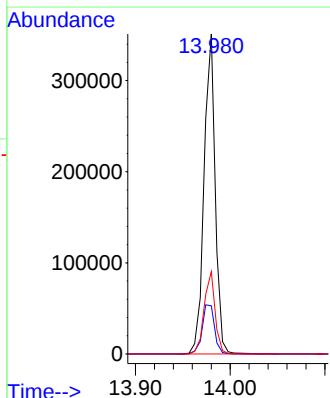
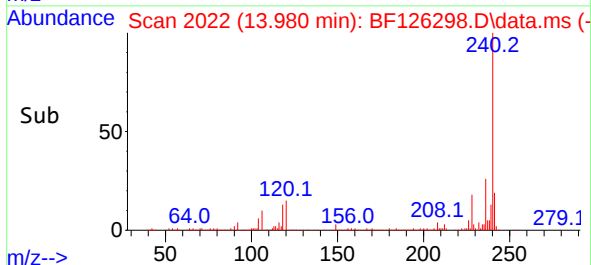
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

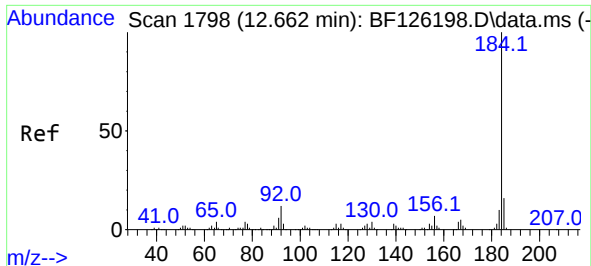


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



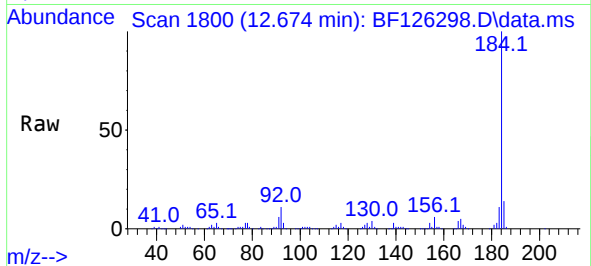
Tgt Ion:240 Resp: 287574
Ion Ratio Lower Upper
240 100
120 15.1 10.8 16.2
236 25.7 21.6 32.4





#77
Benzidine
Concen: 74.965 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.012 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

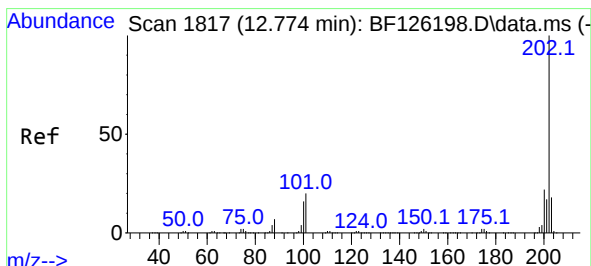
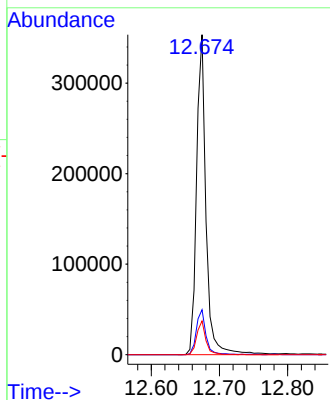
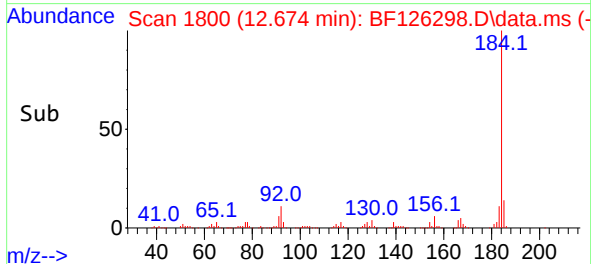
Instrument :
BNA_F
ClientSampleId :
PB141610BS



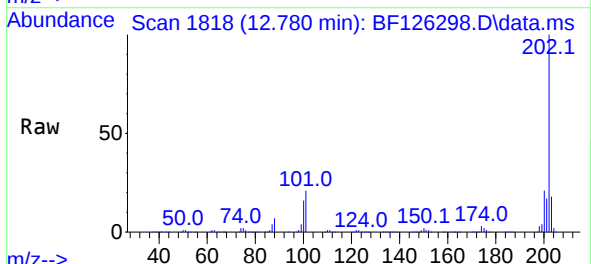
Tgt Ion:184 Resp: 339870
Ion Ratio Lower Upper
184 100
185 14.1 10.8 16.2
183 10.6 8.1 12.1

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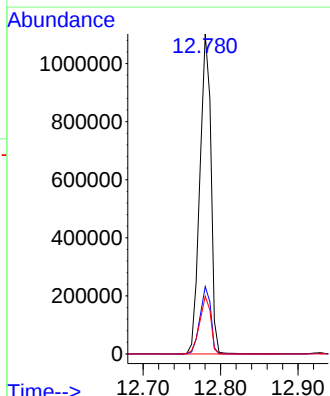
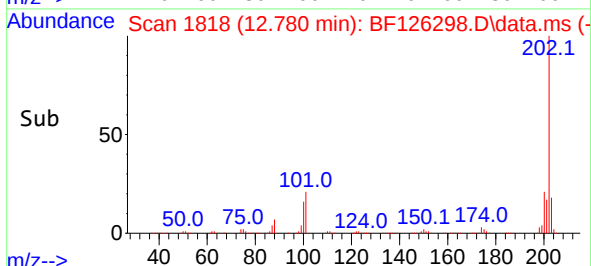
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

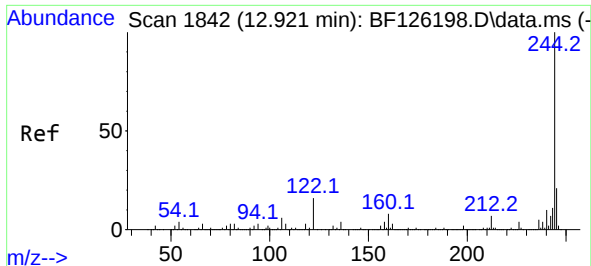


#78
Pyrene
Concen: 41.396 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



Tgt Ion:202 Resp: 1093683
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 18.1 13.4 20.0





#79
Terphenyl-d14
Concen: 76.850 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

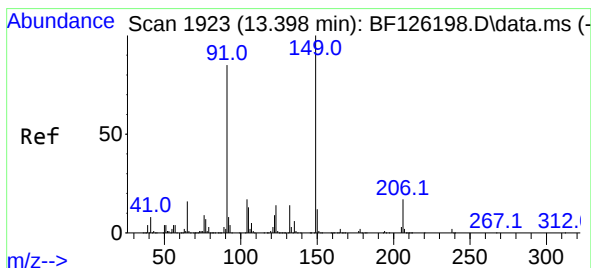
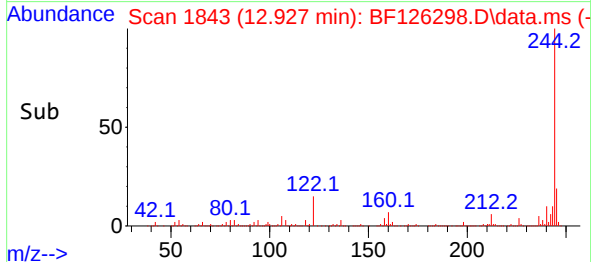
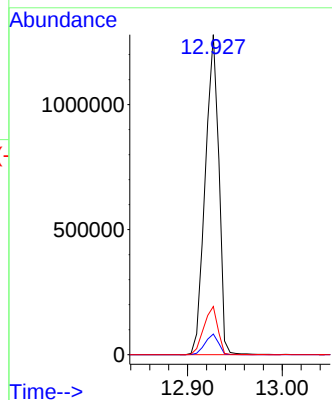
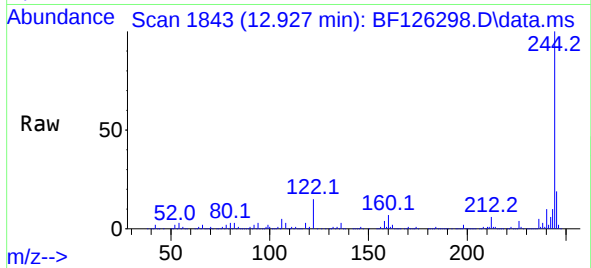
PB141610BS

Tgt Ion:244 Resp: 1271490
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 15.0 9.0 13.4

Manual Integrations

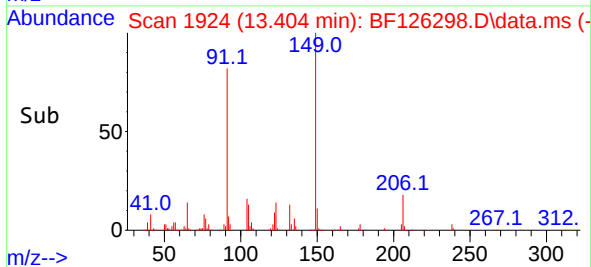
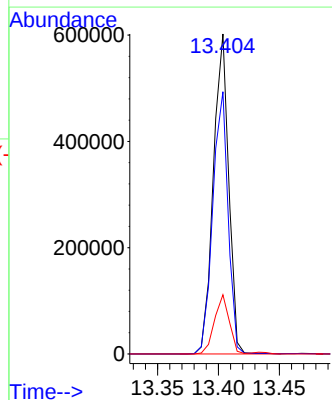
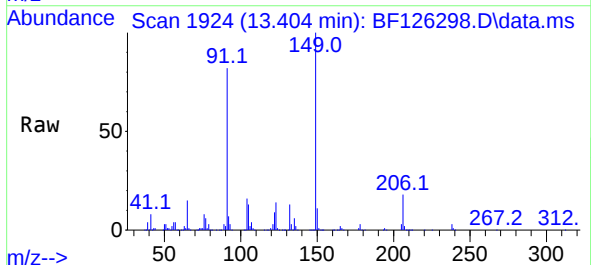
APPROVED

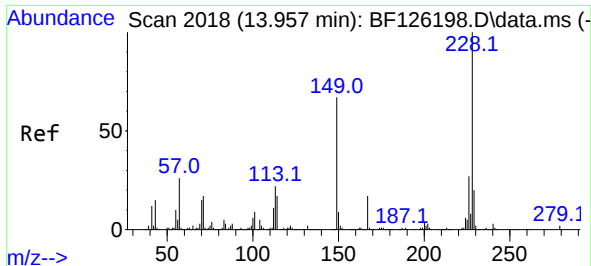
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#80
Butylbenzylphthalate
Concen: 42.496 ng
RT: 13.404 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Tgt Ion:149 Resp: 528341
Ion Ratio Lower Upper
149 100
91 81.9 51.8 77.8#
206 18.5 14.5 21.7





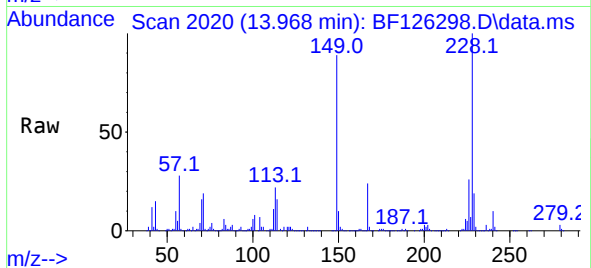
#81
Benzo(a)anthracene
Concen: 39.197 ng
RT: 13.968 min Scan# 2014
Delta R.T. 0.012 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

PB141610BS

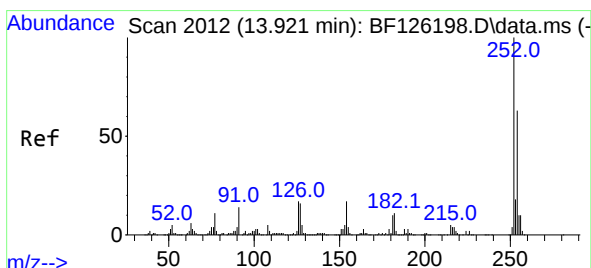
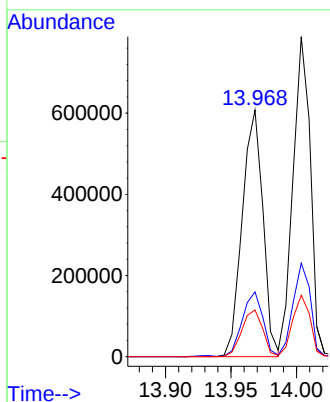
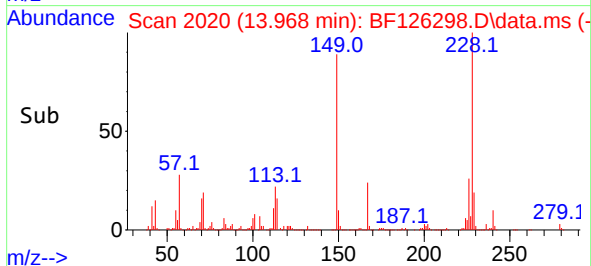


Tgt Ion:228 Resp: 66769
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 19.0 15.6 23.4

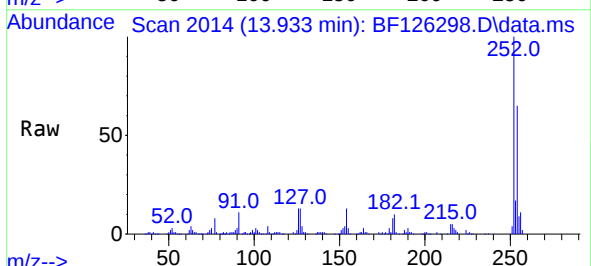
Manual Integrations

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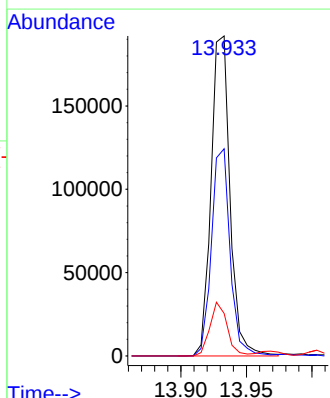
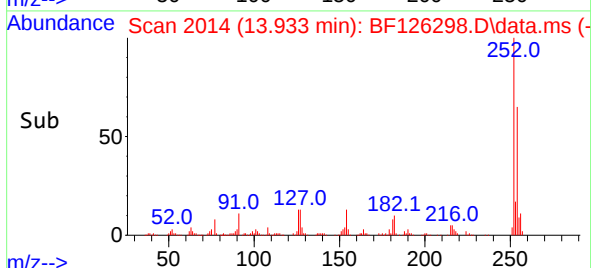
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

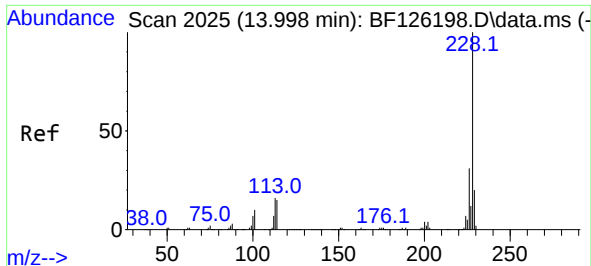


#82
3,3'-Dichlorobenzidine
Concen: 24.829 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.012 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



Tgt Ion:252 Resp: 193223
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.0
126 13.3 9.5 14.3





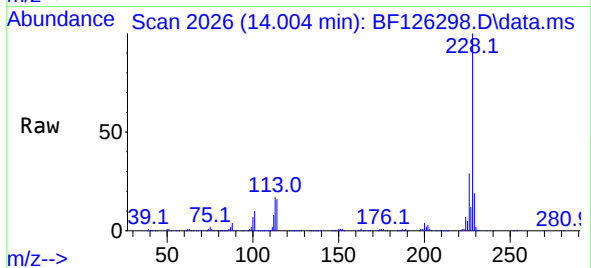
#83
Chrysene
Concen: 41.230 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

PB141610BS

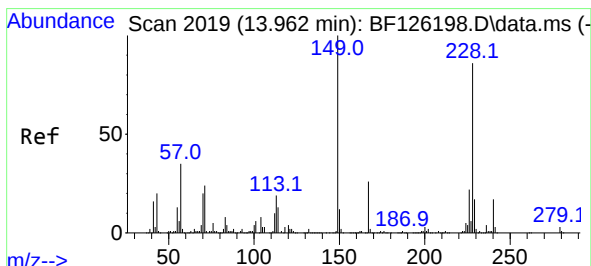
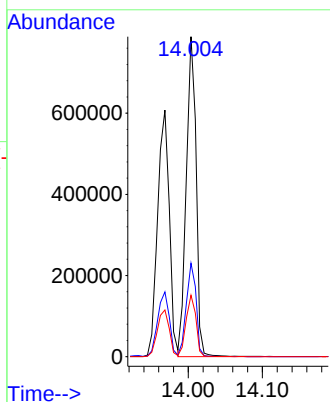
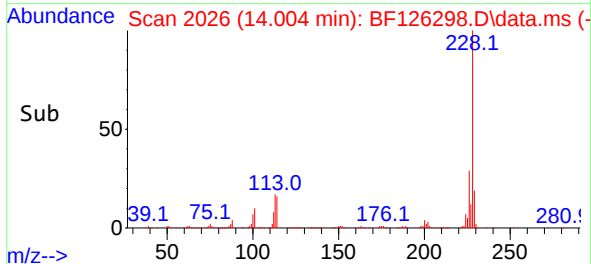


Tgt Ion:228 Resp: 729700
Ion Ratio Lower Upper
228 100
226 29.2 22.6 34.0
229 19.2 15.9 23.9

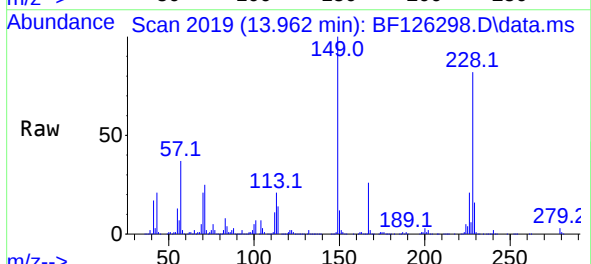
Manual Integrations

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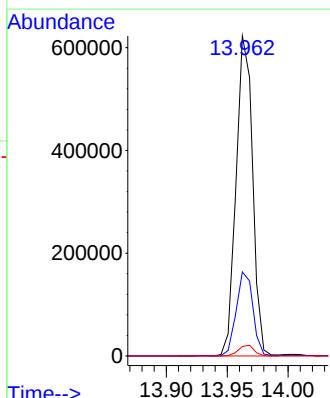
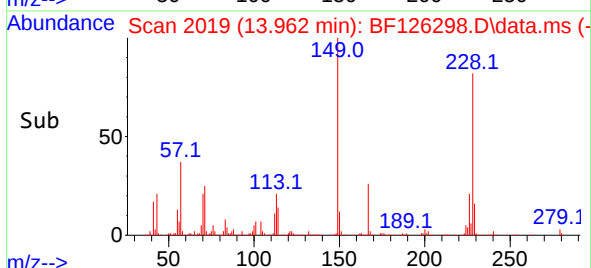
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

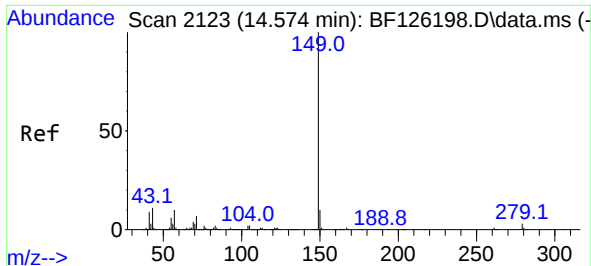


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.410 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



Tgt Ion:149 Resp: 589212
Ion Ratio Lower Upper
149 100
167 26.2 21.4 32.0
279 2.9 2.6 4.0





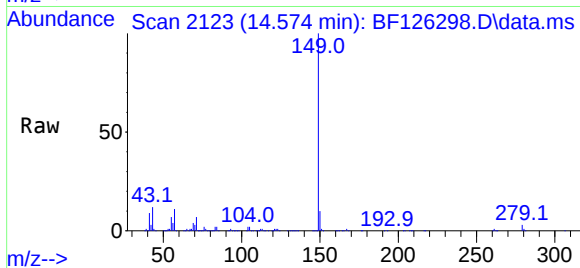
#85
Di-n-octyl phthalate
Concen: 43.298 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

PB141610BS

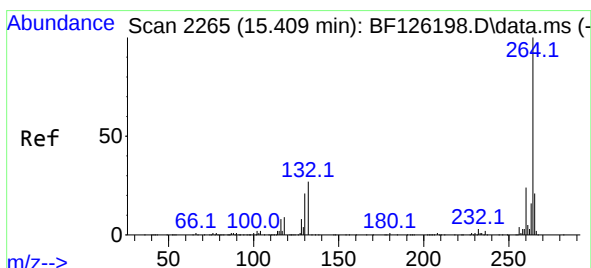
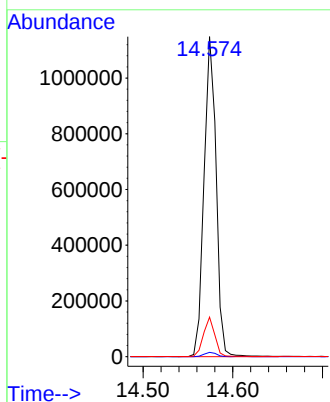
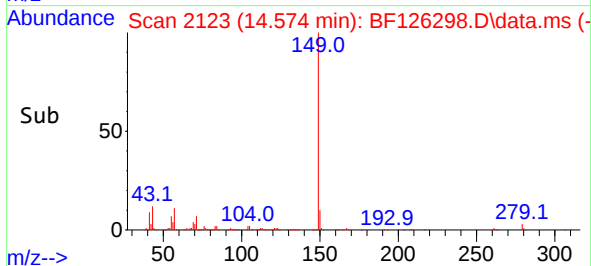


Tgt Ion:149 Resp: 107233
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 11.7 9.9 14.9

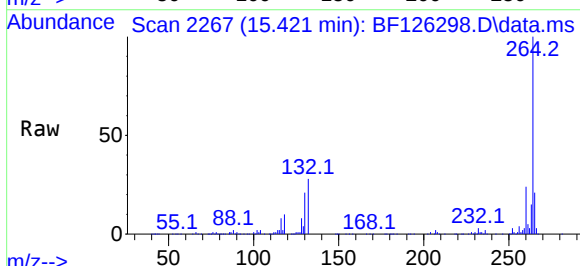
Manual Integrations

APPROVED

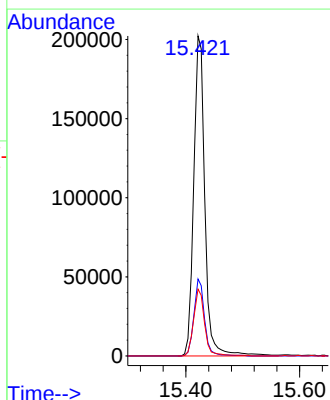
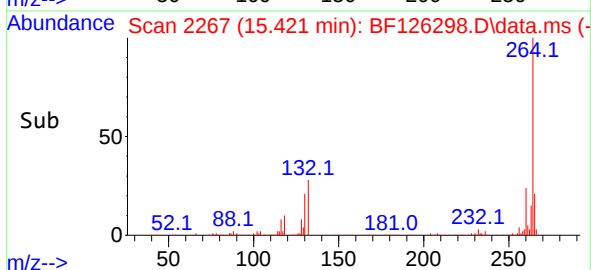
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

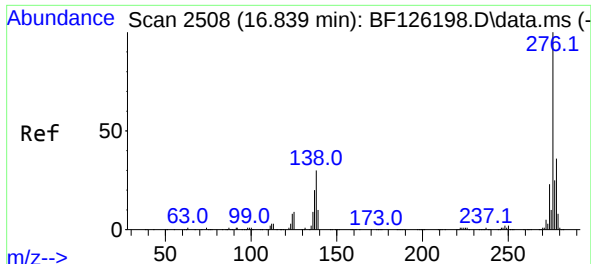


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53



Tgt Ion:264 Resp: 276717
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 20.9 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.069 ng
RT: 16.862 min Scan# 2197
Delta R.T. 0.024 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

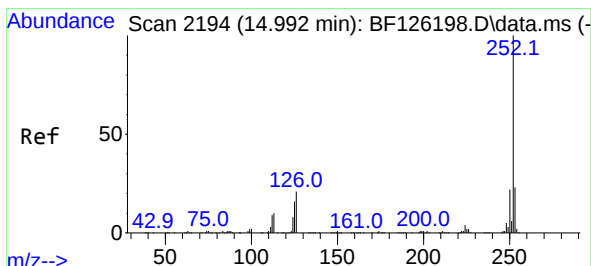
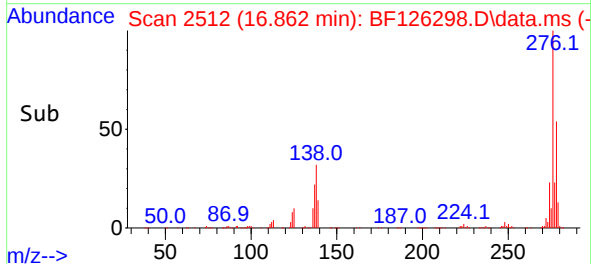
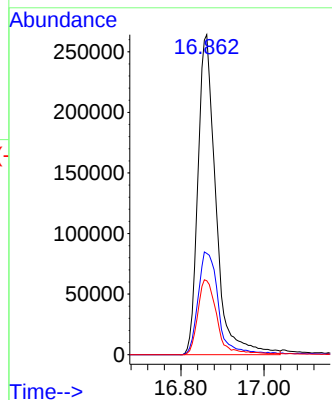
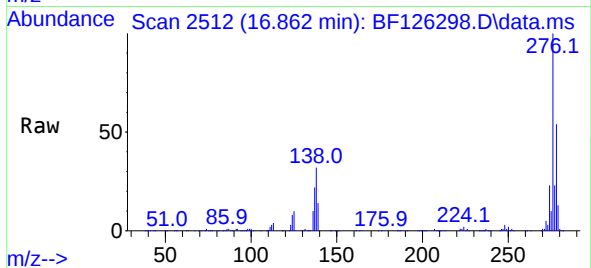
PB141610BS

Tgt Ion:276 Resp: 794935
Ion Ratio Lower Upper
276 100
138 36.1 24.1 36.1
277 25.0 18.8 28.2

Manual Integrations

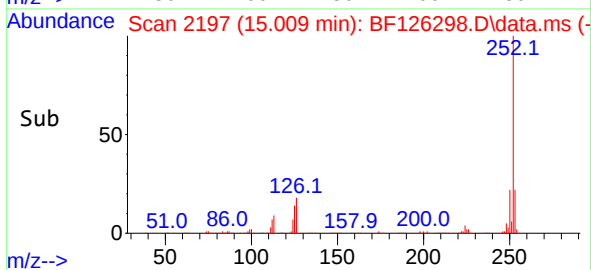
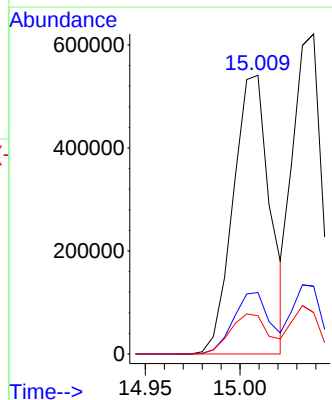
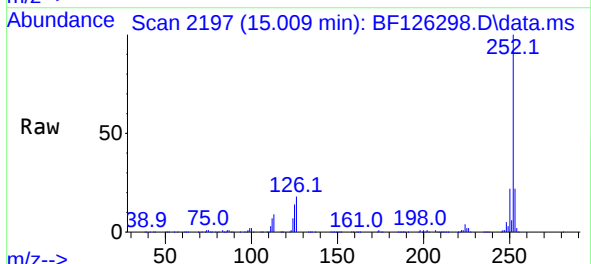
APPROVED

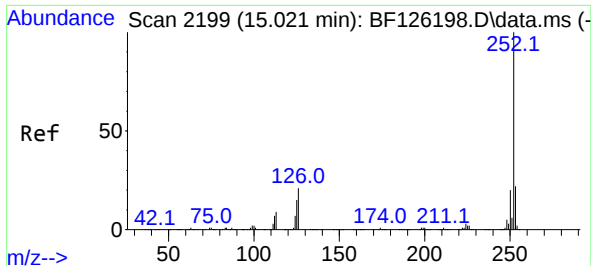
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#88
Benzo(b)fluoranthene
Concen: 44.117 ng
RT: 15.009 min Scan# 2197
Delta R.T. 0.018 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Tgt Ion:252 Resp: 733521
Ion Ratio Lower Upper
252 100
253 22.0 16.8 25.2
125 13.7 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 42.515 ng

RT: 15.039 min Scan# 2199

Delta R.T. 0.018 min

Lab File: BF126298.D

Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

ClientSampleId :

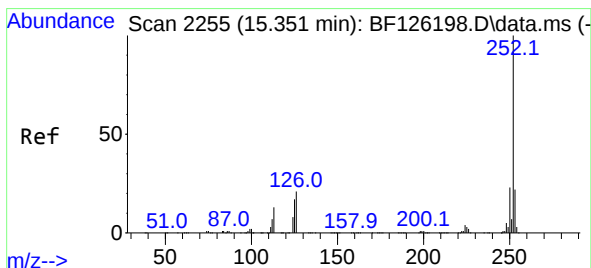
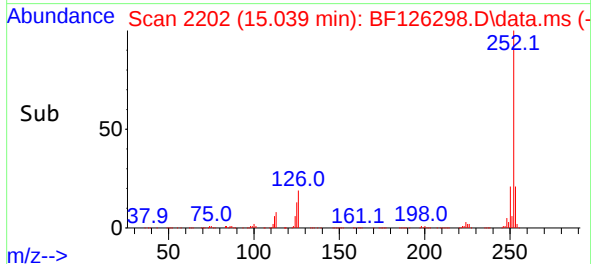
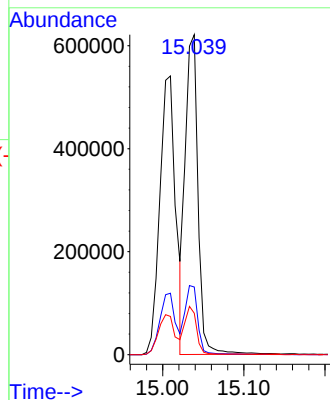
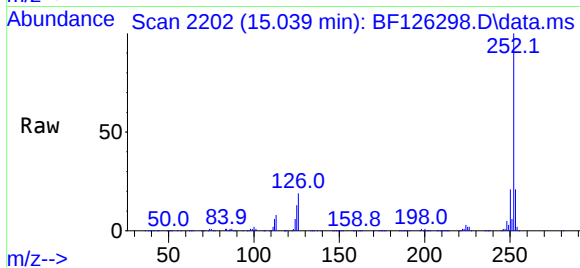
PB141610BS

Tgt Ion:252 Resp: 676220
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.8 26.8
 125 13.0 7.2 10.8

Manual Integrations

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



#90

Benzo(a)pyrene

Concen: 49.418 ng

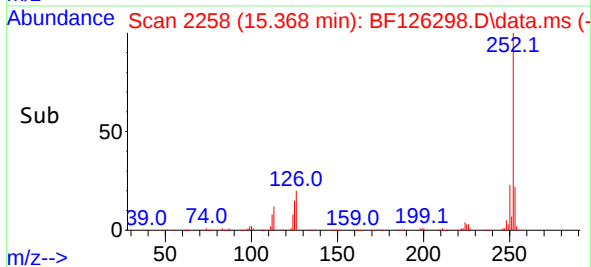
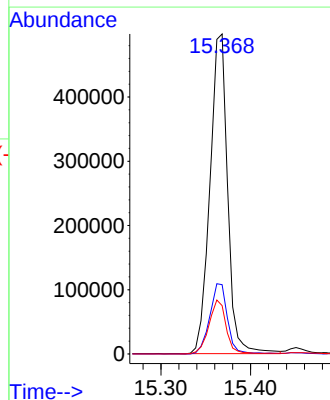
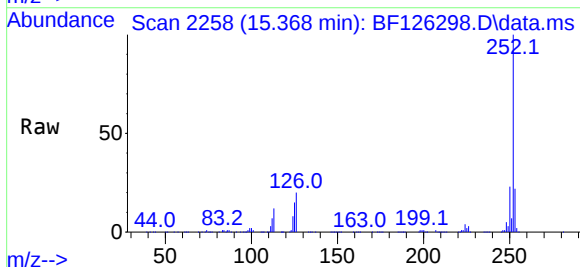
RT: 15.368 min Scan# 2258

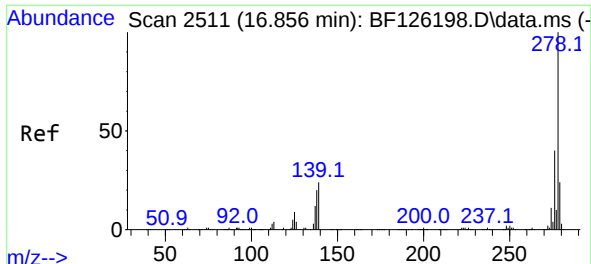
Delta R.T. 0.018 min

Lab File: BF126298.D

Acq: 21 Dec 2021 15:53

Tgt Ion:252 Resp: 682896
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.4 27.6
 125 15.1 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 45.922 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.024 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Instrument :

BNA_F

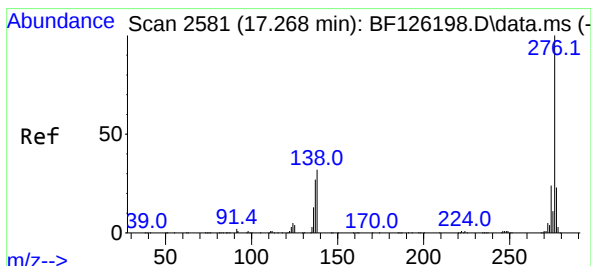
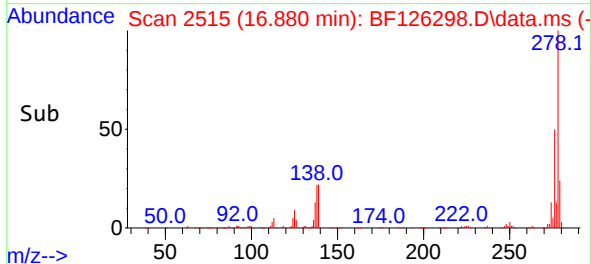
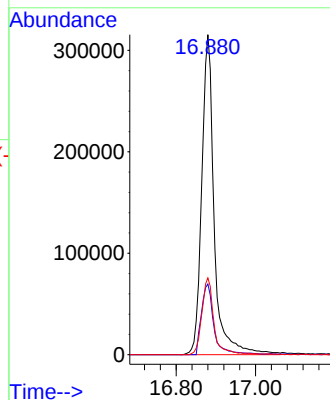
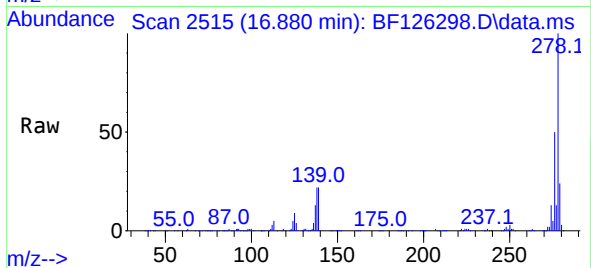
ClientSampleId :

PB141610BS

Tgt Ion:278 Resp: 68901
Ion Ratio Lower Upper
278 100
139 22.1 14.9 22.3
279 24.0 19.7 29.5

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



#92
Benzo(g,h,i)perylene
Concen: 42.502 ng
RT: 17.292 min Scan# 2585
Delta R.T. 0.024 min
Lab File: BF126298.D
Acq: 21 Dec 2021 15:53

Tgt Ion:276 Resp: 659798
Ion Ratio Lower Upper
276 100
277 24.1 22.0 33.0
138 31.7 22.2 33.4

