

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126295.D
 Acq On : 21 Dec 2021 14:18
 Operator : JU/CG
 Sample : PB141481BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141481BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 05:20:00 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	174688	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	749828	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	353789	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	547488	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	278469	20.000	ng	0.01
86) Perylene-d12	15.421	264	260576	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1262428	106.425	ng	0.02
7) Phenol-d6	6.451	99	1603371	106.452	ng	0.00
23) Nitrobenzene-d5	7.381	82	1048592	75.739	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	316920	111.466	ng	0.01
45) 2-Fluorobiphenyl	9.181	172	1400739	69.441	ng	0.00
79) Terphenyl-d14	12.927	244	1227364	76.608	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	205409	35.474	ng	# 100
3) Pyridine	3.369	79	450721	29.311	ng	# 79
4) n-Nitrosodimethylamine	3.322	42	248425	42.036	ng	# 1
6) Aniline	6.481	93	595933	31.149	ng	96
8) 2-Chlorophenol	6.604	128	536968	44.639	ng	90
9) Benzaldehyde	6.363	77	300011	33.008	ng	94
10) Phenol	6.463	94	685267	40.531	ng	94
11) bis(2-Chloroethyl)ether	6.551	93	566160	43.141	ng	94
12) 1,3-Dichlorobenzene	6.757	146	500455	41.243	ng	96
13) 1,4-Dichlorobenzene	6.834	146	508730	41.516	ng	94
14) 1,2-Dichlorobenzene	6.987	146	492243	43.447	ng	96
15) Benzyl Alcohol	6.963	79	438943	39.920	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.098	45	911396	42.437	ng	93
17) 2-Methylphenol	7.075	107	439934	41.748	ng	97
18) Hexachloroethane	7.334	117	204119	42.349	ng	95
19) n-Nitroso-di-n-propyla...	7.240	70	370737	40.095	ng	# 70
20) 3+4-Methylphenols	7.228	107	489694	39.308	ng	# 75
22) Acetophenone	7.228	105	704655	40.833	ng	# 94
24) Nitrobenzene	7.398	77	582663	42.158	ng	89
25) Isophorone	7.640	82	1058201	40.475	ng	# 87
26) 2-Nitrophenol	7.716	139	277245	44.498	ng	# 83
27) 2,4-Dimethylphenol	7.757	122	479434	45.311	ng	96
28) bis(2-Chloroethoxy)met...	7.851	93	693125	40.323	ng	# 97
29) 2,4-Dichlorophenol	7.957	162	391820	41.659	ng	92
30) 1,2,4-Trichlorobenzene	8.045	180	398003	40.911	ng	97
31) Naphthalene	8.122	128	1453266	41.444	ng	98
32) Benzoic acid	7.887	122	331149	36.328	ng	93
33) 4-Chloroaniline	8.169	127	240503	16.426	ng	96
34) Hexachlorobutadiene	8.245	225	195384	40.893	ng	99
35) Caprolactam	8.551	113	151676m	64.890	ng	
36) 4-Chloro-3-methylphenol	8.657	107	468272	42.208	ng	90
37) 2-Methylnaphthalene	8.816	142	927566	42.953	ng	99
38) 1-Methylnaphthalene	8.916	142	852496	40.678	ng	96
40) 1,2,4,5-Tetrachloroben...	8.981	216	304119	39.828	ng	# 95
41) Hexachlorocyclopentadiene	8.975	237	365728	83.641	ng	92
43) 2,4,6-Trichlorophenol	9.092	196	236981	39.453	ng	94

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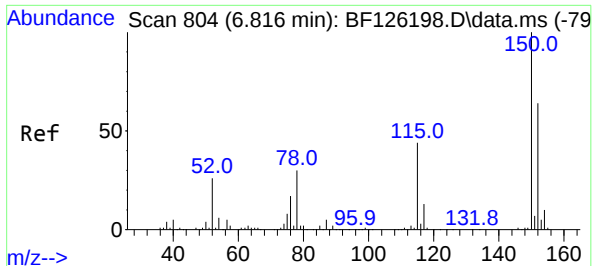
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	251370	40.411	ng	# 94
46) 1,1'-Biphenyl	9.281	154	1068314	40.838	ng	97
47) 2-Chloronaphthalene	9.304	162	788415	40.058	ng	96
48) 2-Nitroaniline	9.398	65	300222	41.791	ng	91
49) Acenaphthylene	9.722	152	1234417	41.045	ng	98
50) Dimethylphthalate	9.581	163	924549	41.255	ng	97
51) 2,6-Dinitrotoluene	9.639	165	209589	43.208	ng	# 80
52) Acenaphthene	9.892	154	862861m	44.241	ng	
53) 3-Nitroaniline	9.804	138	140441	22.779	ng	# 73
54) 2,4-Dinitrophenol	9.916	184	197423	98.846	ng	# 83
55) Dibenzofuran	10.063	168	1057146	39.811	ng	99
56) 4-Nitrophenol	9.975	139	342688	76.949	ng	# 81
57) 2,4-Dinitrotoluene	10.045	165	274729	44.399	ng	# 93
58) Fluorene	10.410	166	754540	39.251	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	189338	41.053	ng	# 98
60) Diethylphthalate	10.281	149	903487	40.116	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	328315	37.932	ng	98
62) 4-Nitroaniline	10.422	138	217549	42.064	ng	# 73
63) Azobenzene	10.557	77	1089258	39.930	ng	84
65) 4,6-Dinitro-2-methylph...	10.451	198	130505	43.653	ng	95
66) n-Nitrosodiphenylamine	10.516	169	716637	40.786	ng	98
67) 4-Bromophenyl-phenylether	10.886	248	214030	41.654	ng	# 89
68) Hexachlorobenzene	10.957	284	249057	42.145	ng	# 82
69) Atrazine	11.045	200	219019	68.019	ng	96
70) Pentachlorophenol	11.145	266	257022	78.396	ng	91
71) Phenanthrene	11.369	178	1146312	40.566	ng	97
72) Anthracene	11.422	178	1182361	41.688	ng	98
73) Carbazole	11.569	167	1058267	39.620	ng	99
74) Di-n-butylphthalate	11.910	149	1382155	40.819	ng	99
75) Fluoranthene	12.551	202	1048629	41.188	ng	90
77) Benzidine	12.675	184	342879	78.101	ng	99
78) Pyrene	12.780	202	1057635	41.340	ng	97
80) Butylbenzylphthalate	13.404	149	515267	42.800	ng	# 86
81) Benzo(a)anthracene	13.969	228	638979	38.738	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	185160	24.571	ng	# 95
83) Chrysene	14.004	228	700659	40.883	ng	97
84) Bis(2-ethylhexyl)phtha...	13.963	149	582330	43.286	ng	99
85) Di-n-octyl phthalate	14.574	149	1061556	44.264	ng	98
87) Indeno(1,2,3-cd)pyrene	16.857	276	773077	44.479	ng	93
88) Benzo(b)fluoranthene	15.004	252	702940m	44.897	ng	
89) Benzo(k)fluoranthene	15.033	252	635424	42.425	ng	# 95
90) Benzo(a)pyrene	15.363	252	665882	51.171	ng	# 95
91) Dibenzo(a,h)anthracene	16.880	278	662701	46.904	ng	# 95
92) Benzo(g,h,i)perylene	17.292	276	636299	43.527	ng	95

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



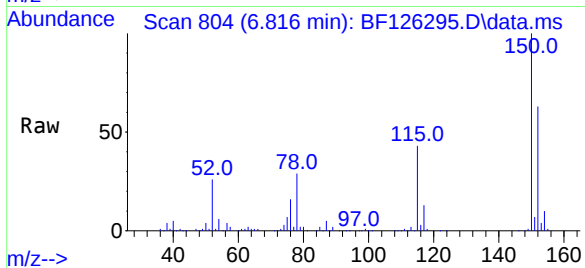
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

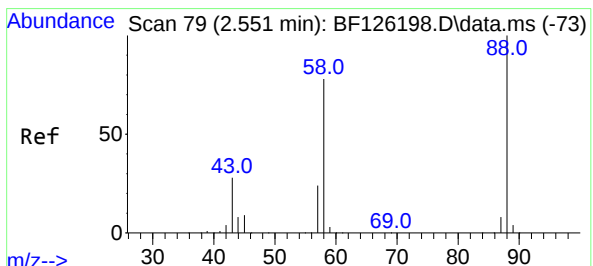
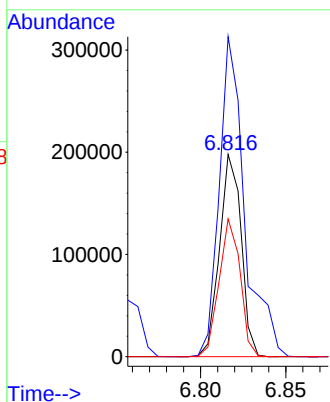
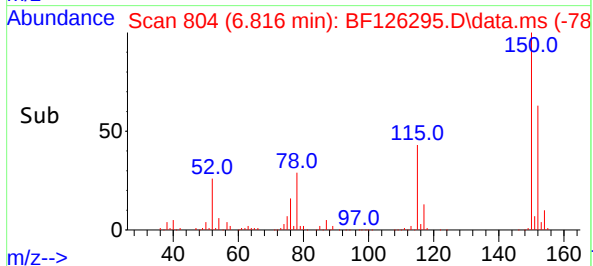


Tgt Ion:152 Resp: 17468
Ion Ratio Lower Upper
152 100
150 158.3 117.6 176.4
115 68.1 47.1 70.7

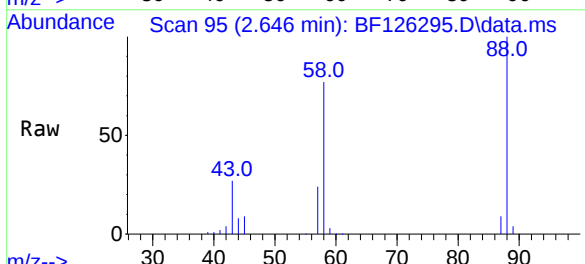
Manual Integrations

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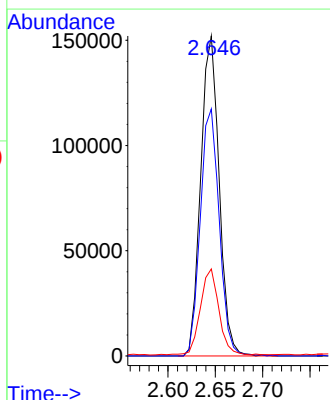
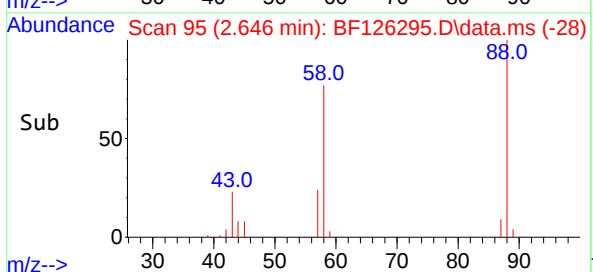
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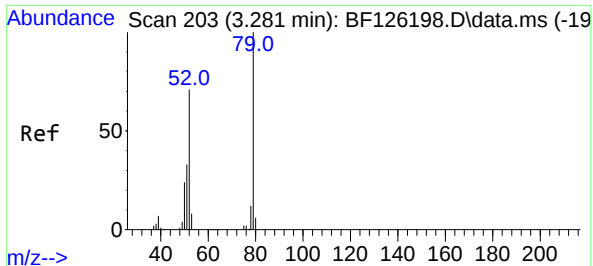


#2
1,4-Dioxane
Concen: 35.474 ng
RT: 2.646 min Scan# 95
Delta R.T. 0.094 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



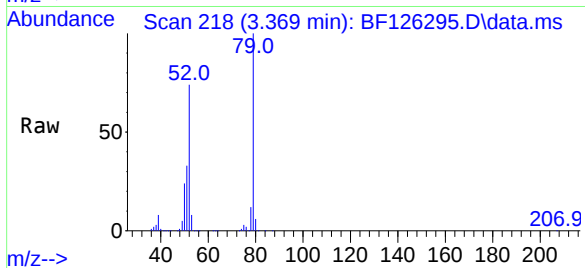
Tgt Ion: 88 Resp: 205409
Ion Ratio Lower Upper
88 100
58 79.3 0.0 0.0#
43 27.1 0.0 0.0#





#3
Pyridine
Concen: 29.311 ng
RT: 3.369 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

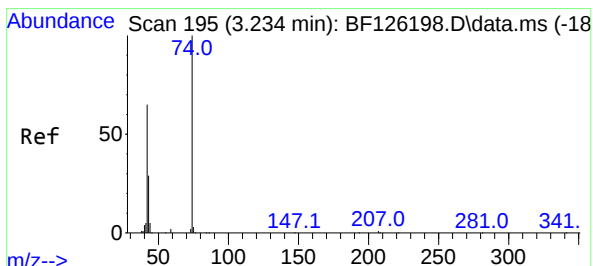
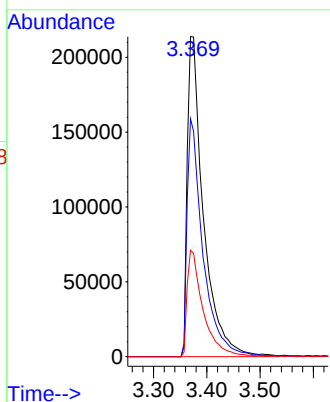
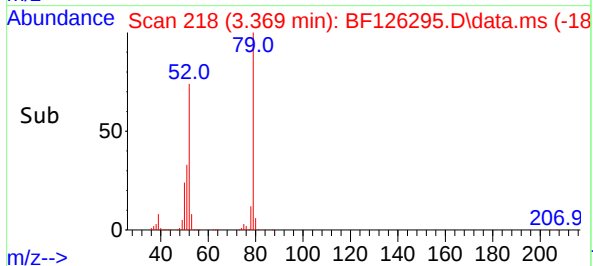
Instrument :
BNA_F
ClientSampleId :
PB141481BS



Tgt Ion: 79 Resp: 45072
Ion Ratio Lower Upper
79 100
52 74.3 70.3 105.5
51 33.3 44.1 66.1

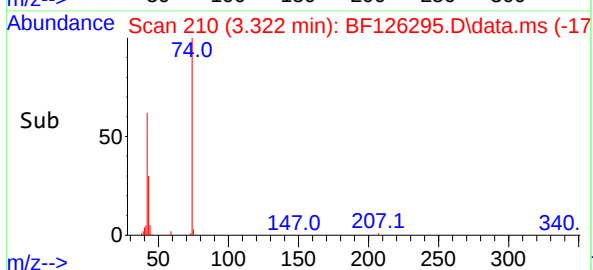
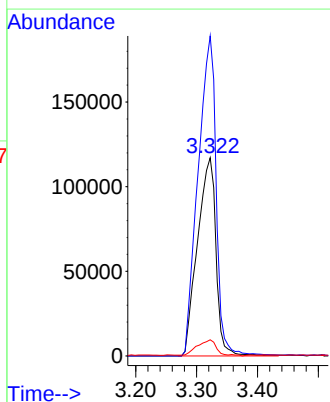
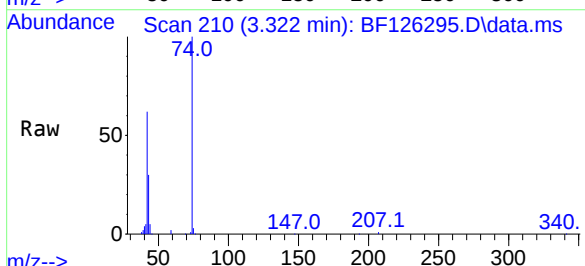
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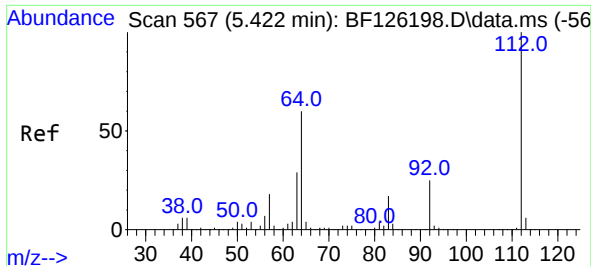
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#4
n-Nitrosodimethylamine
Concen: 42.036 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Tgt Ion: 42 Resp: 248425
Ion Ratio Lower Upper
42 100
74 161.5 59.0 88.6#
44 8.2 0.0 0.0#





#5
2-Fluorophenol
Concen: 106.425 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

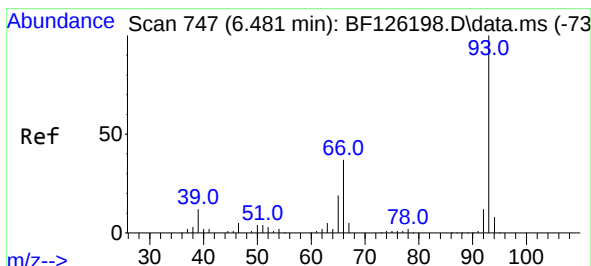
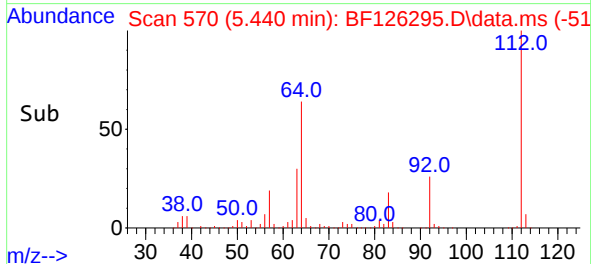
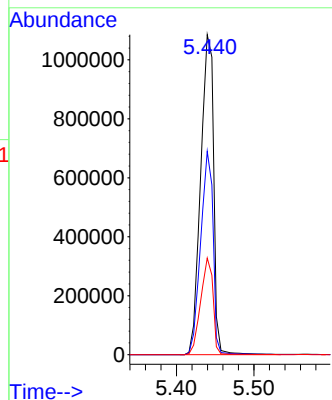
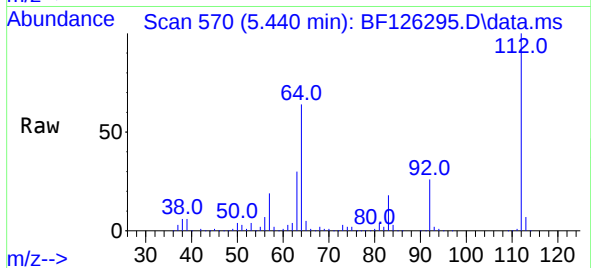
PB141481BS

Tgt Ion:112 Resp: 1262428
Ion Ratio Lower Upper
112 100
64 63.5 44.2 66.2
63 30.2 26.2 39.2

Manual Integrations

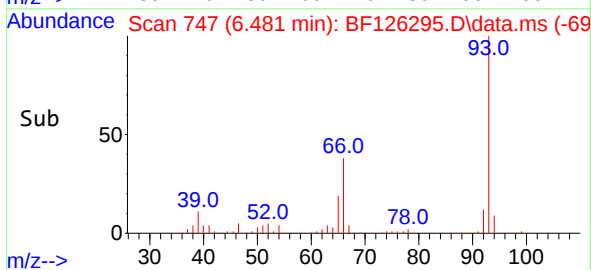
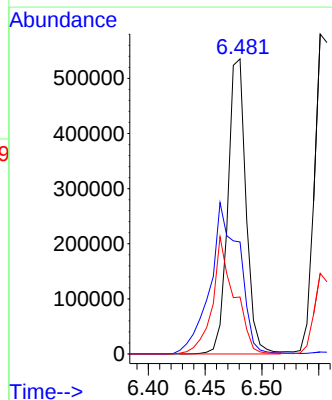
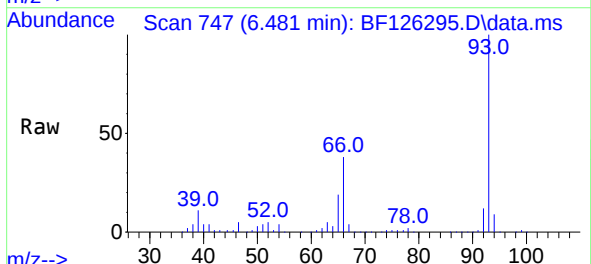
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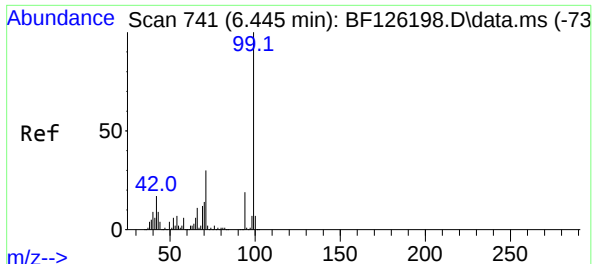
Reviewed By :Jagrut Upadhyay 12/22/2021
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#6
Aniline
Concen: 31.149 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF126295.D
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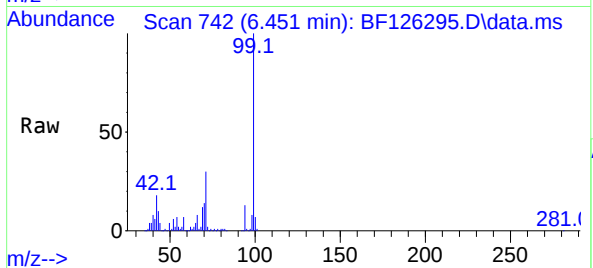
Tgt Ion: 93 Resp: 595933
Ion Ratio Lower Upper
93 100
66 38.0 32.7 49.1
65 19.3 14.2 21.4





#7
Phenol-d6
Concen: 106.452 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

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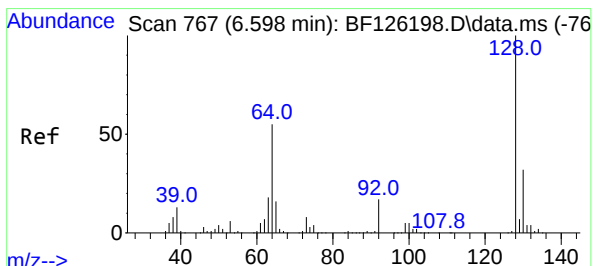
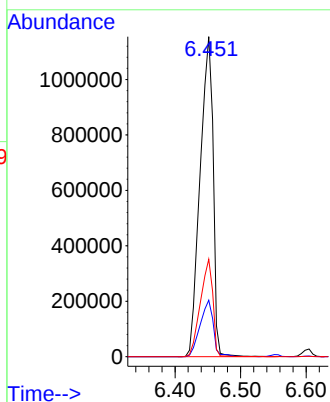
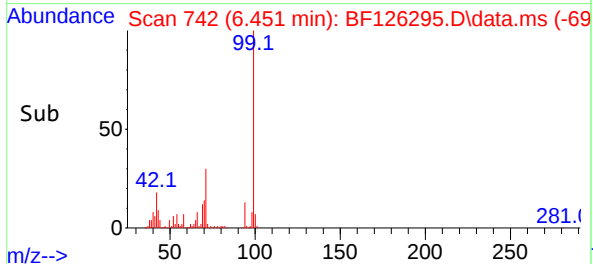


Tgt Ion: 99 Resp: 160337

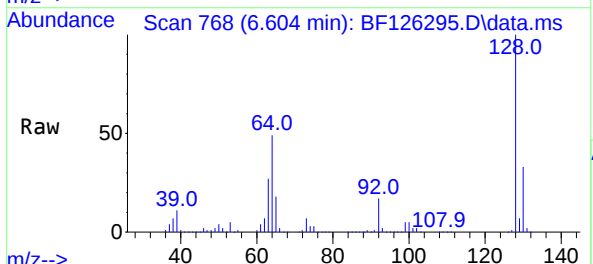
Ion	Ratio	Lower	Upper
99	100		
42	17.7	23.5	35.3
71	30.5	25.6	38.4

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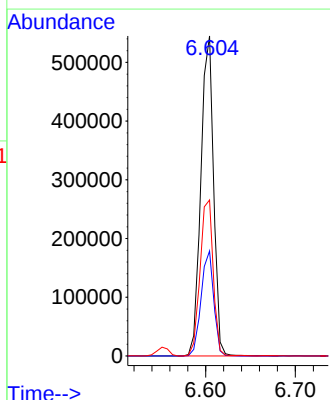
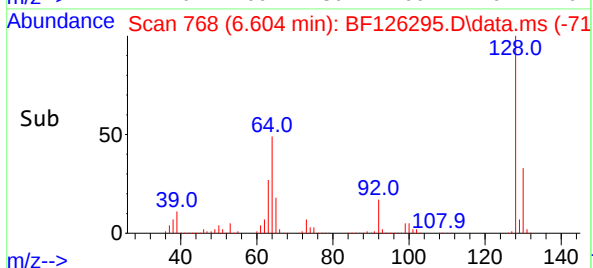


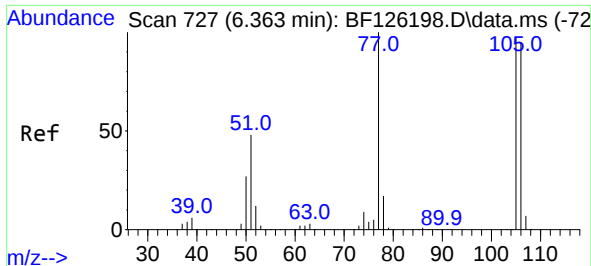
#8
2-Chlorophenol
Concen: 44.639 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:128 Resp: 536968

Ion	Ratio	Lower	Upper
128	100		
130	32.8	10.5	50.5
64	48.7	20.3	60.3





#9
Benzaldehyde
Concen: 33.008 ng
RT: 6.363 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

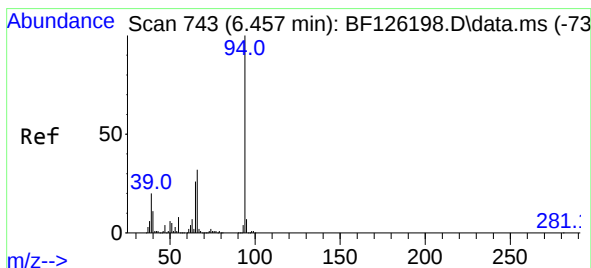
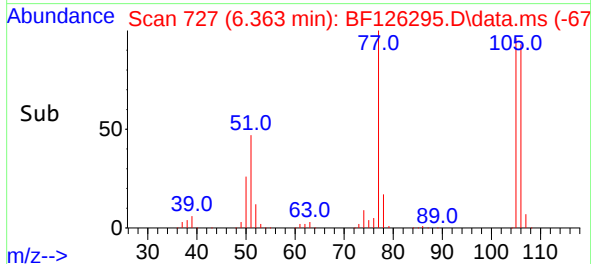
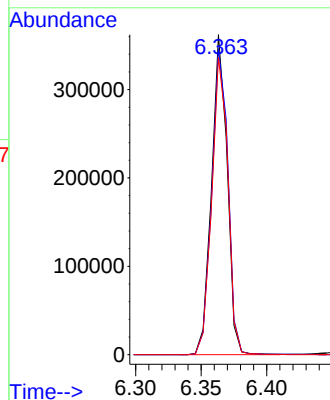
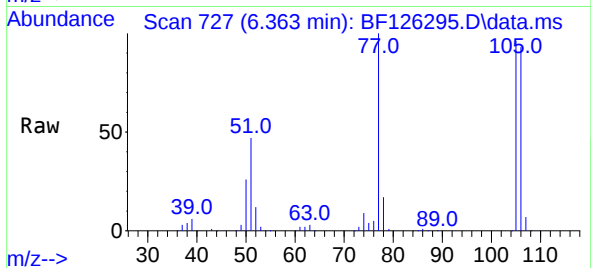
Instrument :
BNA_F
ClientSampleId :
PB141481BS

Tgt Ion: 77 Resp: 30001

Ion	Ratio	Lower	Upper
77	100		
105	95.7	75.9	115.9
106	92.9	84.0	124.0

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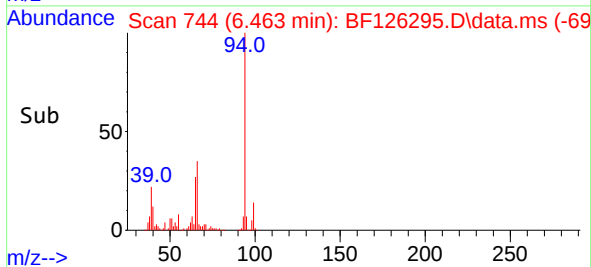
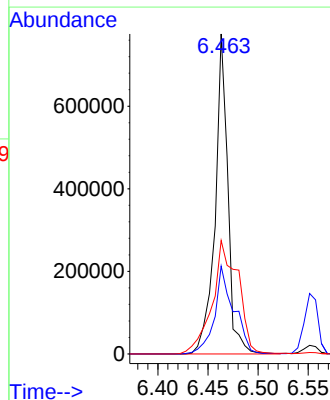
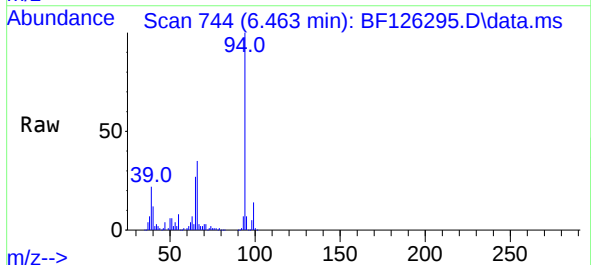
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

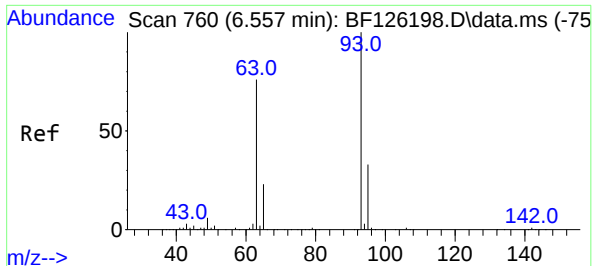


#10
Phenol
Concen: 40.531 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Tgt Ion: 94 Resp: 685267

Ion	Ratio	Lower	Upper
94	100		
65	27.5	9.3	49.3
66	35.4	20.3	60.3





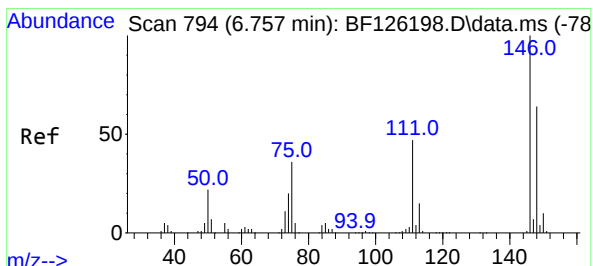
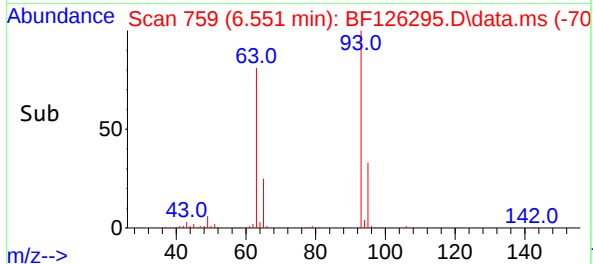
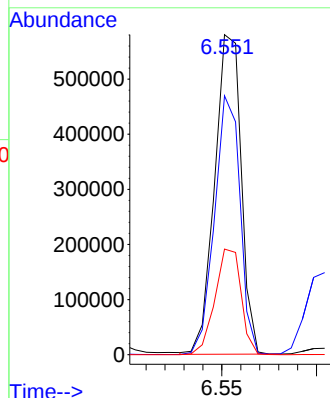
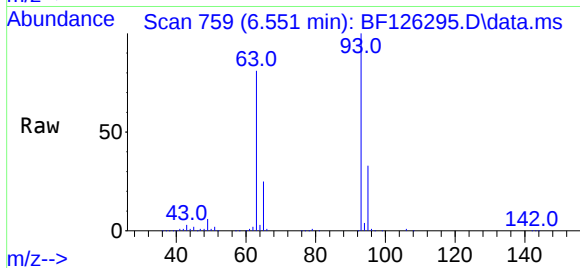
#11
bis(2-Chloroethyl)ether
Concen: 43.141 ng
RT: 6.551 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :
BNA_F
ClientSampleId :
PB141481BS

Tgt Ion: 93 Resp: 566160
Ion Ratio Lower Upper
93 100
63 80.9 54.4 94.4
95 33.0 11.4 51.4

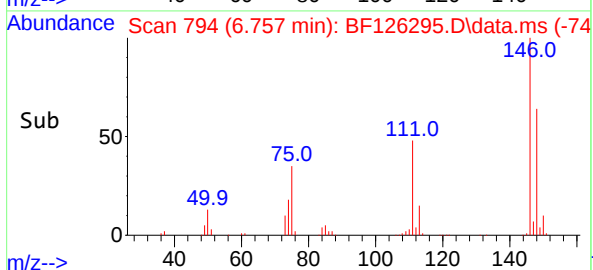
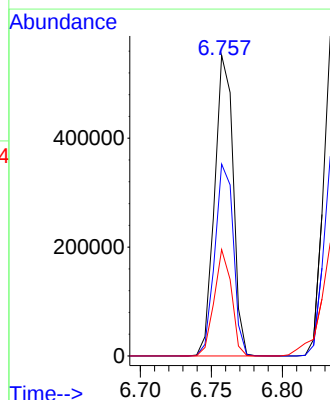
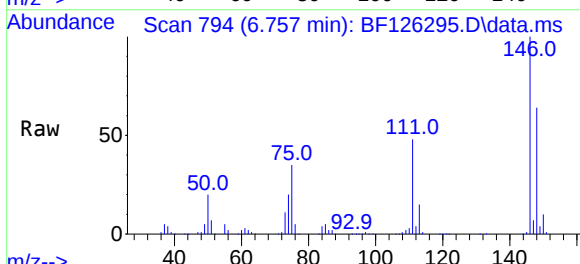
Manual Integrations
APPROVED

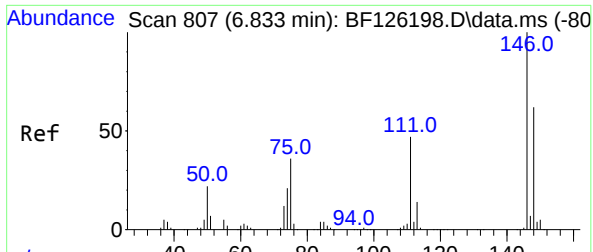
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#12
1,3-Dichlorobenzene
Concen: 41.243 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

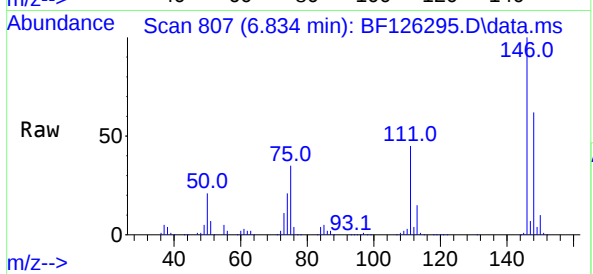
Tgt Ion:146 Resp: 500455
Ion Ratio Lower Upper
146 100
148 63.8 49.7 74.5
75 35.4 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 41.516 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

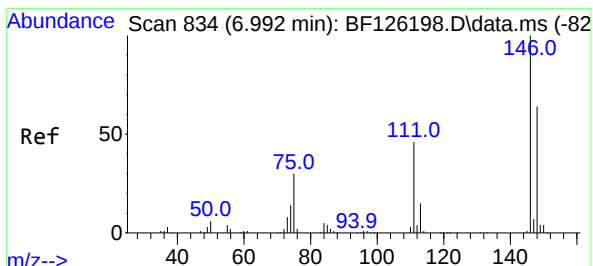
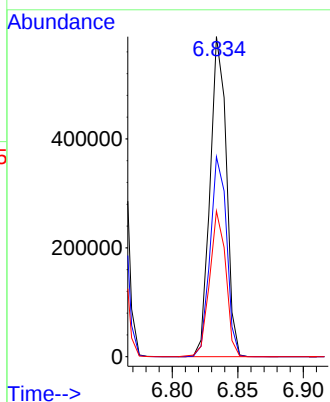
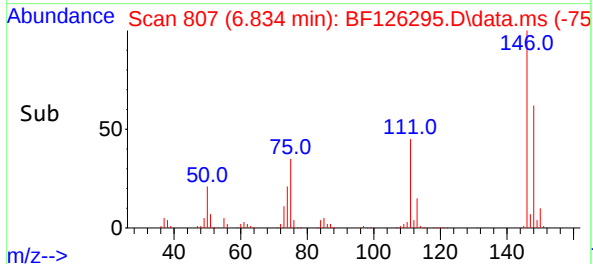
Instrument :
BNA_F
ClientSampleId :
PB141481BS



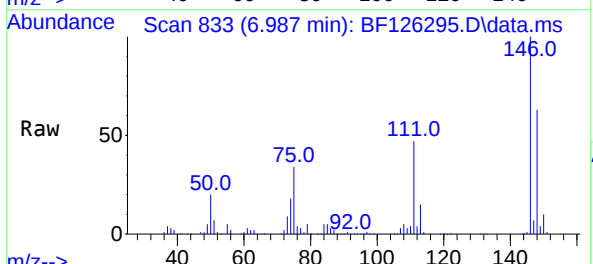
Tgt Ion:146 Resp: 508730
Ion Ratio Lower Upper
146 100
148 62.4 51.9 77.9
111 45.5 31.8 47.6

Manual Integrations
APPROVED

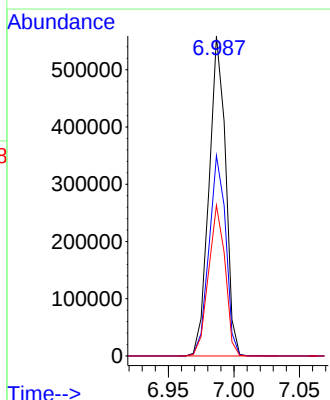
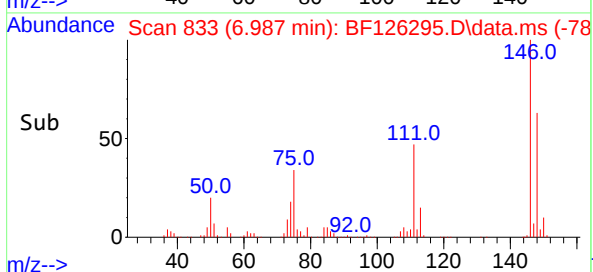
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

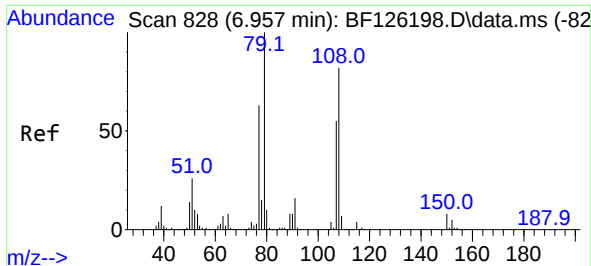


#14
1,2-Dichlorobenzene
Concen: 43.447 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



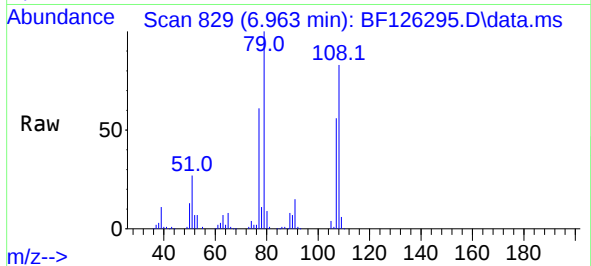
Tgt Ion:146 Resp: 492243
Ion Ratio Lower Upper
146 100
148 62.6 50.6 75.8
111 47.1 33.5 50.3





#15
Benzyl Alcohol
Concen: 39.920 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

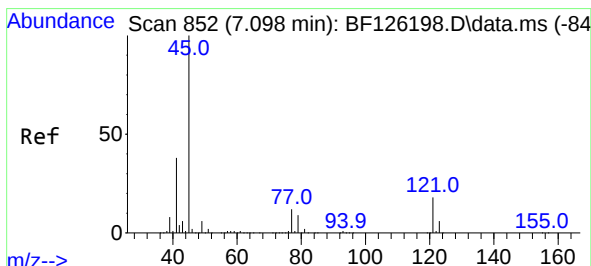
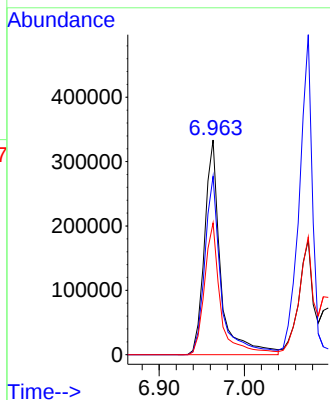
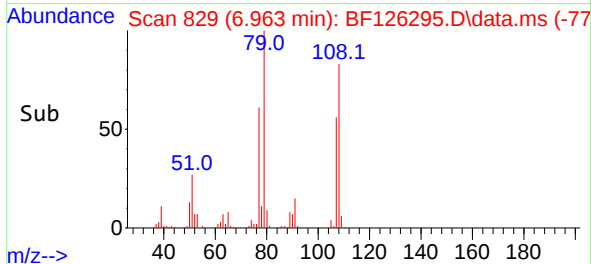
Instrument :
BNA_F
ClientSampleId :
PB141481BS



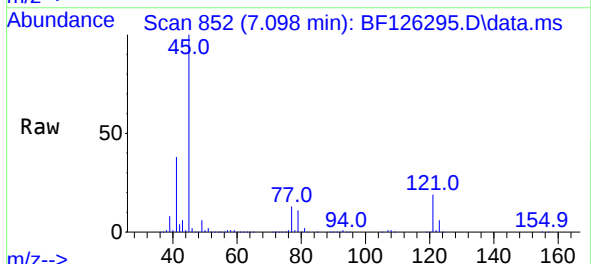
Tgt Ion: 79 Resp: 43894
Ion Ratio Lower Upper
79 100
108 83.1 60.4 90.6
77 61.4 51.5 77.3

Manual Integrations
APPROVED

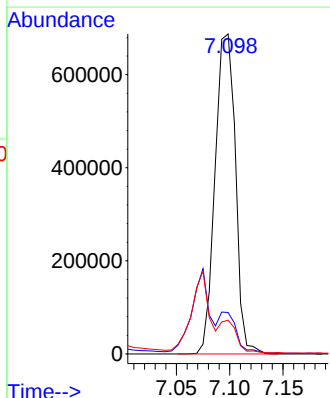
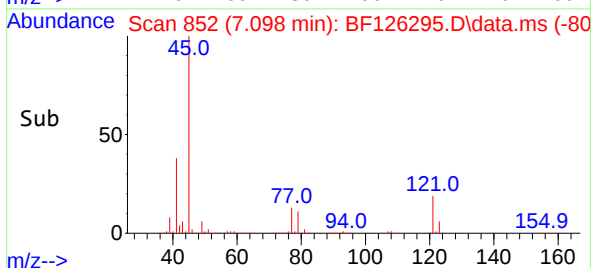
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

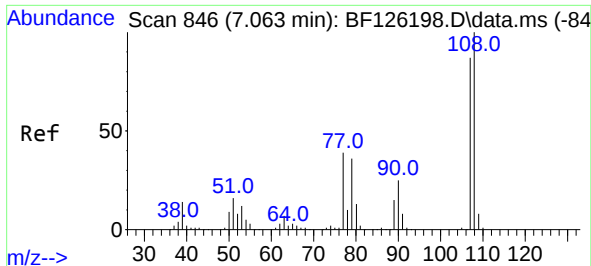


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.437 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion: 45 Resp: 911396
Ion Ratio Lower Upper
45 100
77 12.9 0.0 30.6
79 10.6 0.0 27.5





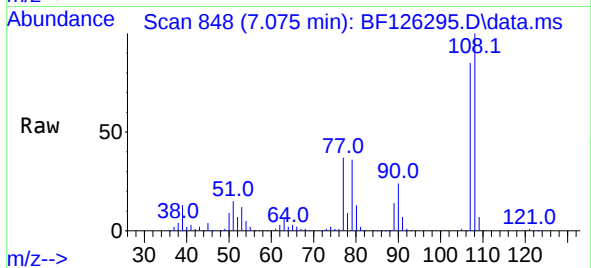
#17
2-Methylphenol
Concen: 41.748 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.012 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

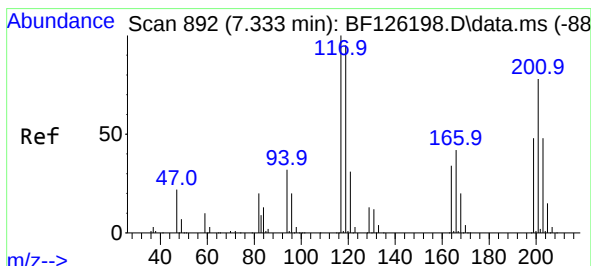
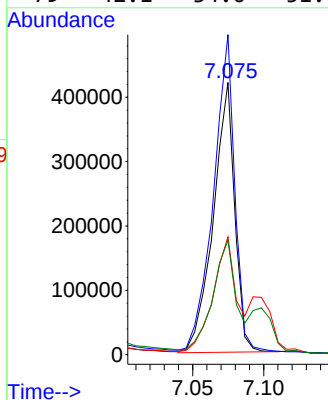
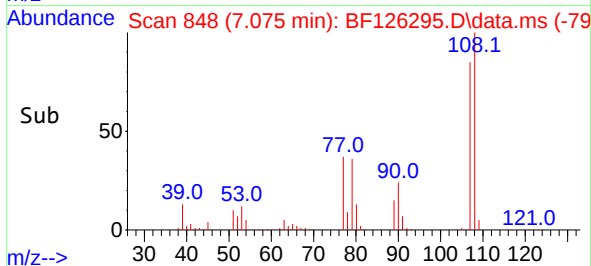


Tgt Ion:107 Resp: 439934
Ion Ratio Lower Upper
107 100
108 117.6 90.6 135.8
77 43.3 35.7 53.5
79 42.1 34.0 51.0

Manual Integrations

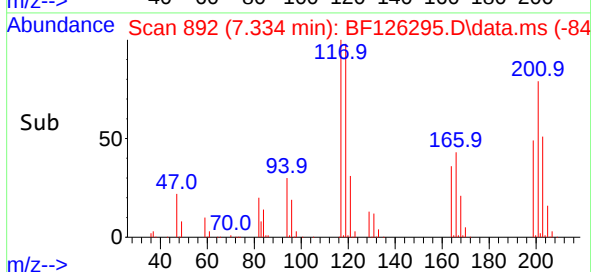
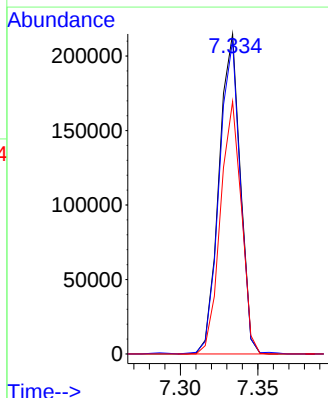
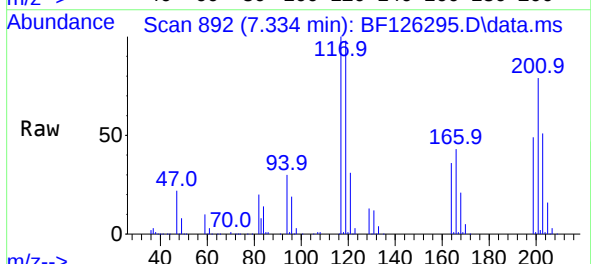
APPROVED

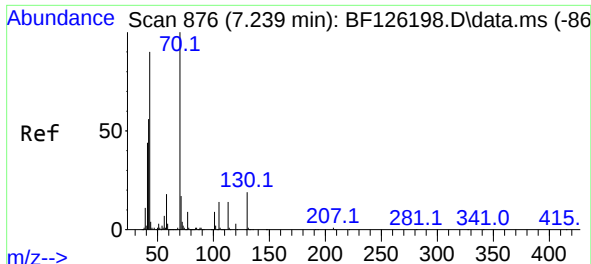
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#18
Hexachloroethane
Concen: 42.349 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Tgt Ion:117 Resp: 204119
Ion Ratio Lower Upper
117 100
119 98.0 73.4 110.2
201 78.9 64.9 97.3





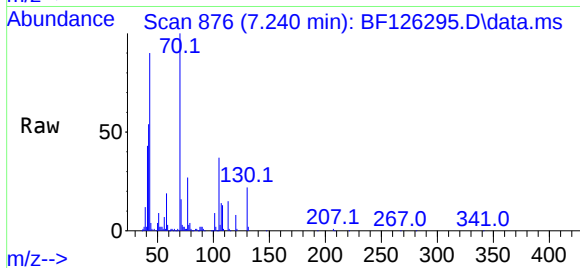
#19
n-Nitroso-di-n-propylamine
Concen: 40.095 ng
RT: 7.240 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

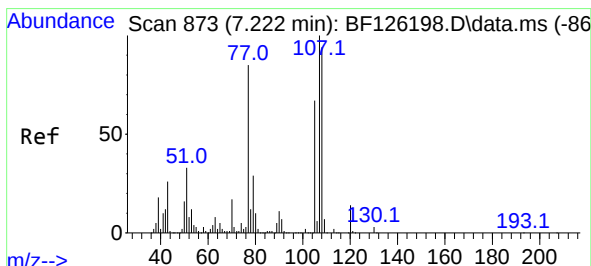
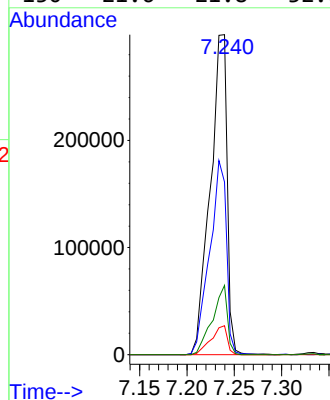
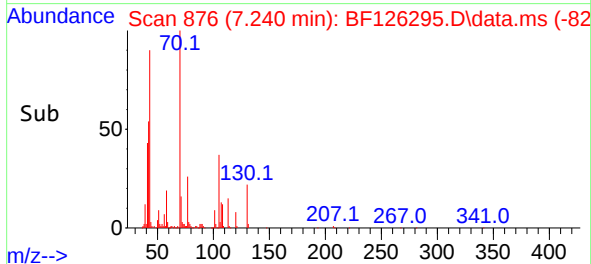


Tgt Ion: 70 Resp: 37073
Ion Ratio Lower Upper
70 100
42 53.9 72.2 108.2
101 9.1 7.8 11.8
130 21.6 21.8 32.6#

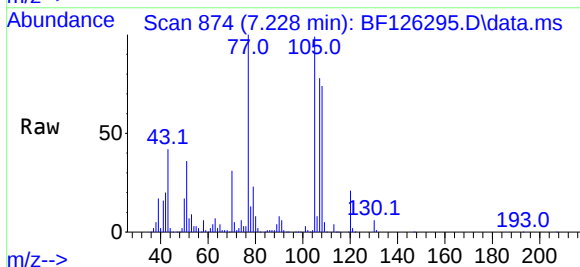
Manual Integrations

APPROVED

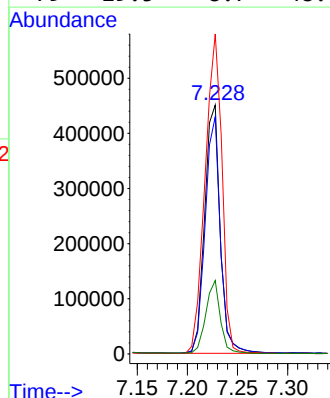
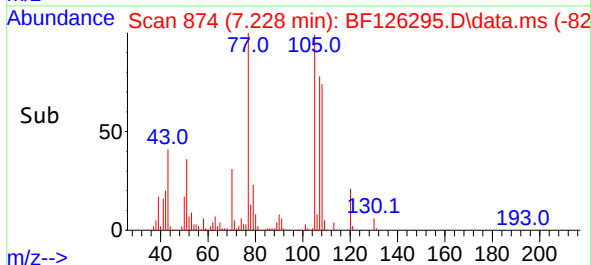
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

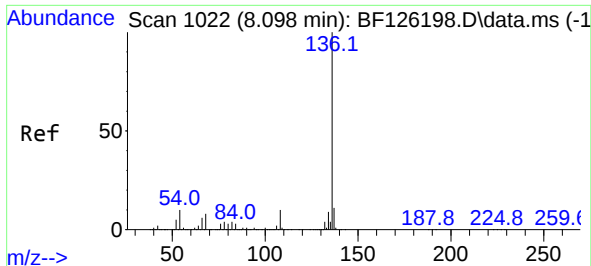


#20
3+4-Methylphenols
Concen: 39.308 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:107 Resp: 489694
Ion Ratio Lower Upper
107 100
108 95.2 76.6 116.6
77 128.5 53.3 93.3#
79 29.5 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: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

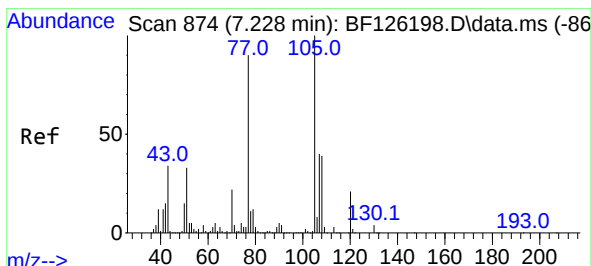
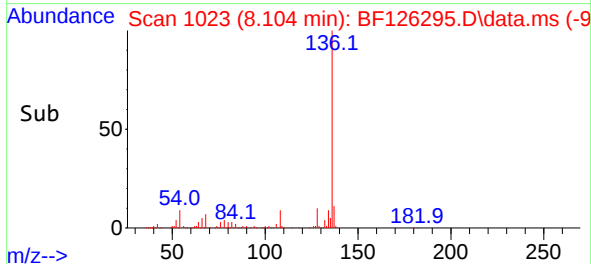
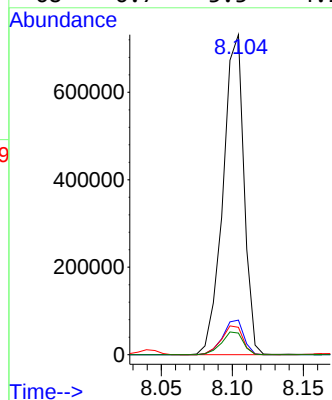
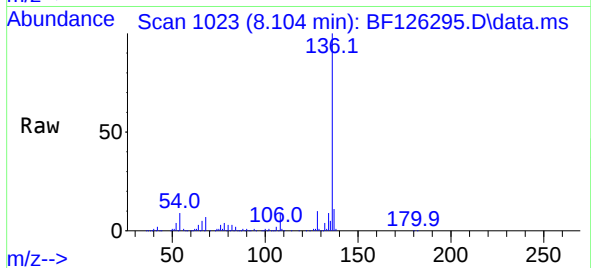
PB141481BS

Tgt Ion:136 Resp: 749828
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 8.5 6.4 9.6
68 6.7 3.3 4.9#

Manual Integrations

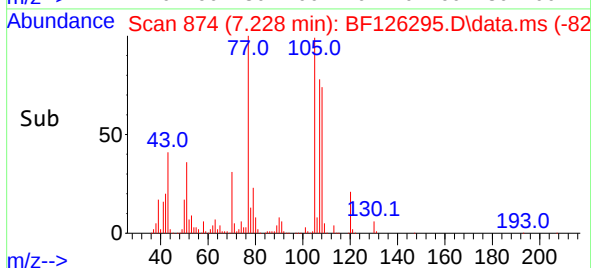
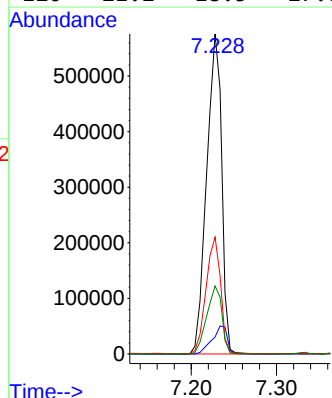
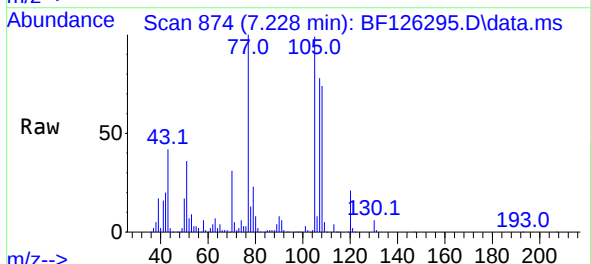
APPROVED

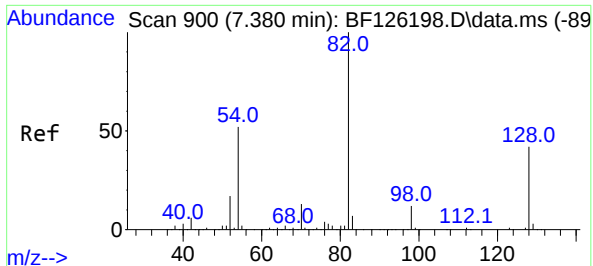
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#22
Acetophenone
Concen: 40.833 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Tgt Ion:105 Resp: 704655
Ion Ratio Lower Upper
105 100
71 5.3 5.5 8.3#
51 36.5 26.0 39.0
120 21.2 18.5 27.7





#23

Nitrobenzene-d5

Concen: 75.739 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126295.D

Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

Tgt Ion: 82 Resp: 104859

Ion Ratio Lower Upper

82 100

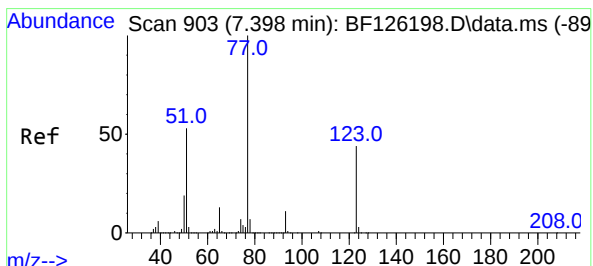
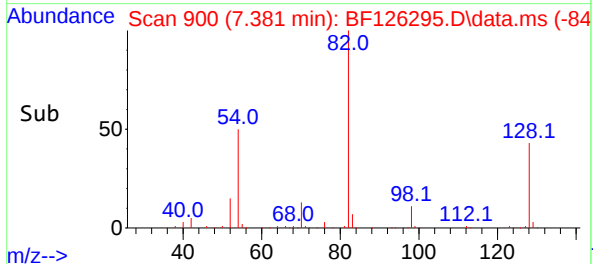
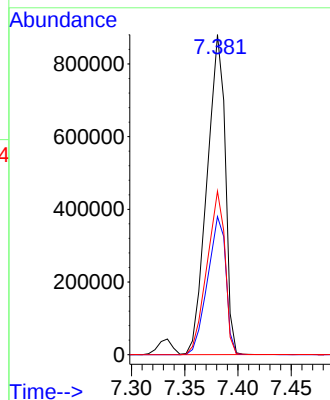
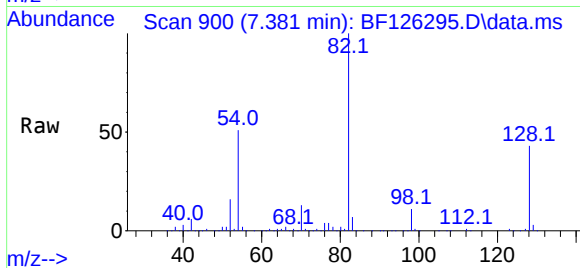
128 43.2 40.6 60.8

54 51.1 49.6 74.4

Manual Integrations

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



#24

Nitrobenzene

Concen: 42.158 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF126295.D

Acq: 21 Dec 2021 14:18

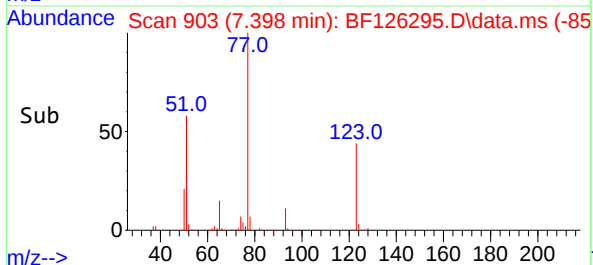
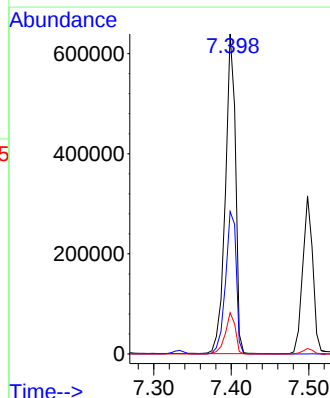
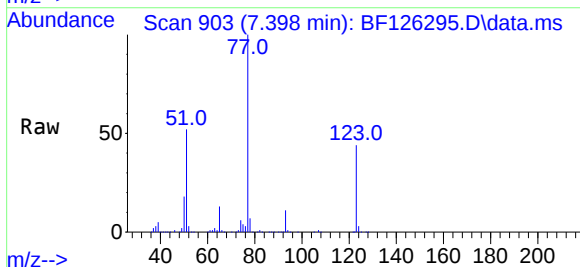
Tgt Ion: 77 Resp: 582663

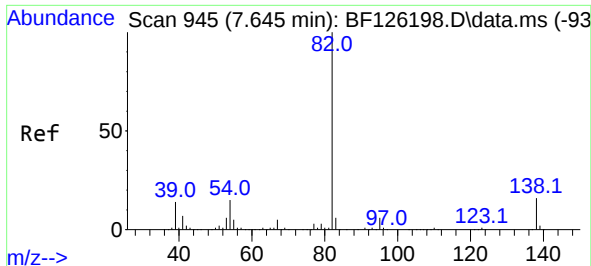
Ion Ratio Lower Upper

77 100

123 44.5 42.3 63.5

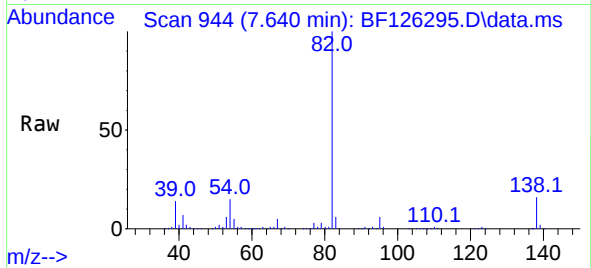
65 12.9 12.4 18.6





#25
Isophorone
Concen: 40.475 ng
RT: 7.640 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

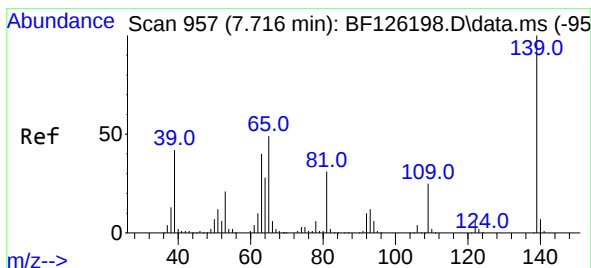
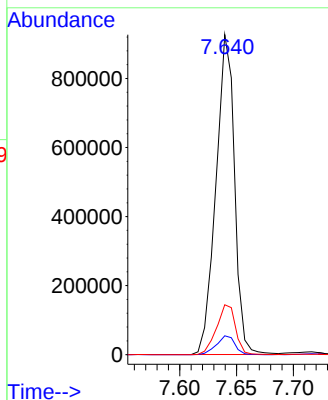
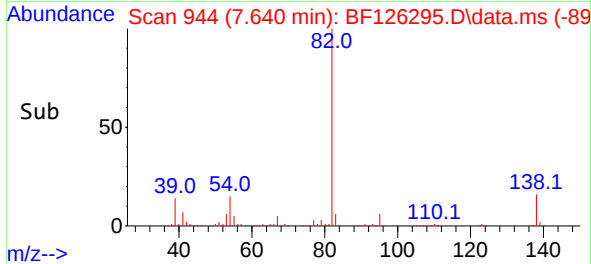
Instrument :
BNA_F
ClientSampleId :
PB141481BS



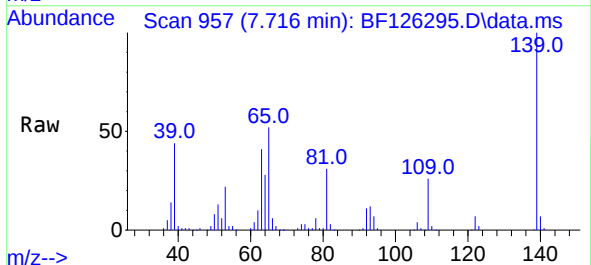
Tgt Ion: 82 Resp: 105820
Ion Ratio Lower Upper
82 100
95 5.9 6.5 9.7
138 15.6 18.4 27.6

Manual Integrations
APPROVED

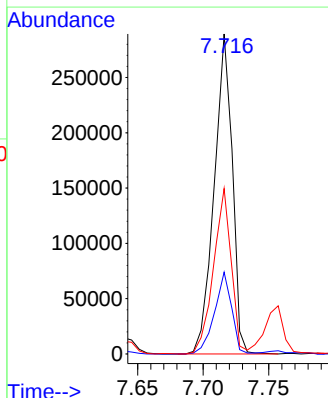
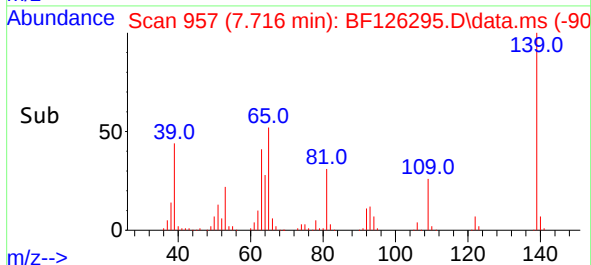
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

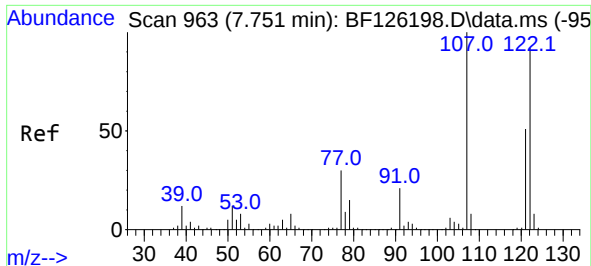


#26
2-Nitrophenol
Concen: 44.498 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:139 Resp: 277245
Ion Ratio Lower Upper
139 100
109 25.5 26.0 39.0#
65 51.7 31.0 46.4#





#27
2,4-Dimethylphenol
Concen: 45.311 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

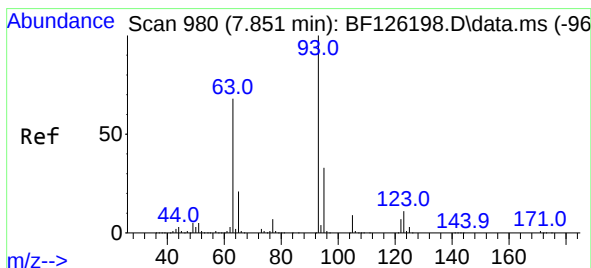
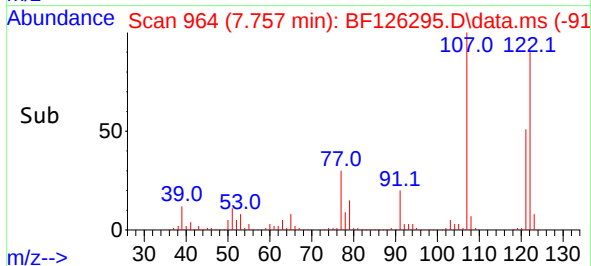
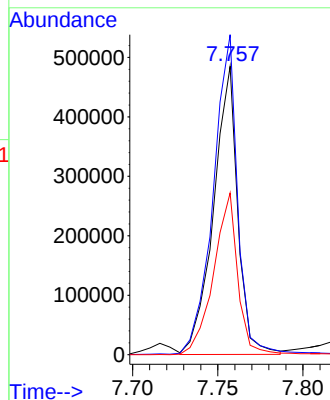
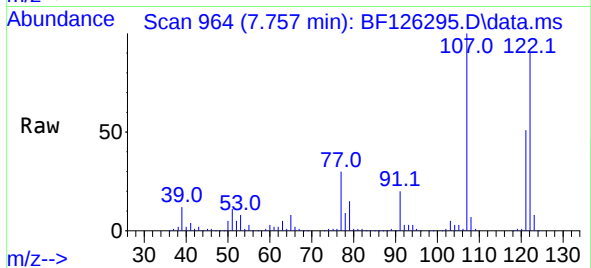
PB141481BS

Tgt Ion:122 Resp: 479434
Ion Ratio Lower Upper
122 100
107 111.0 85.0 127.6
121 56.1 43.3 64.9

Manual Integrations

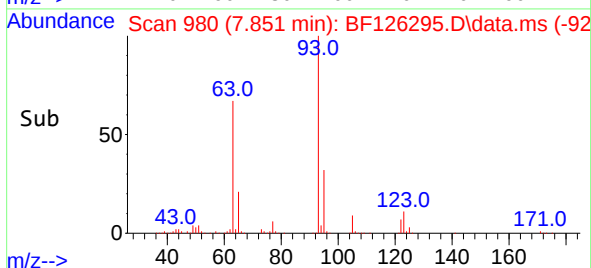
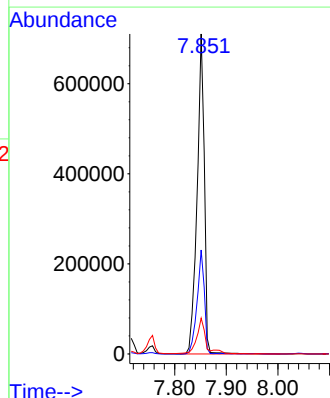
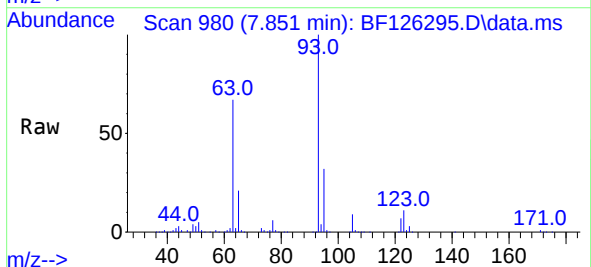
APPROVED

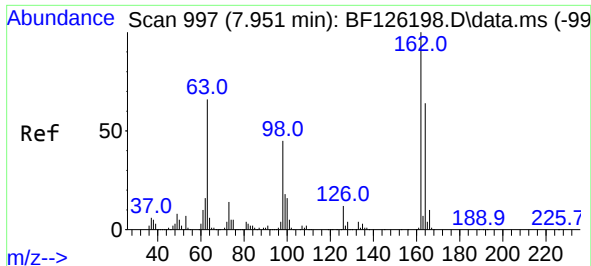
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#28
bis(2-Chloroethoxy)methane
Concen: 40.323 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Tgt Ion: 93 Resp: 693125
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.2 11.7 17.5#





#29
2,4-Dichlorophenol
Concen: 41.659 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

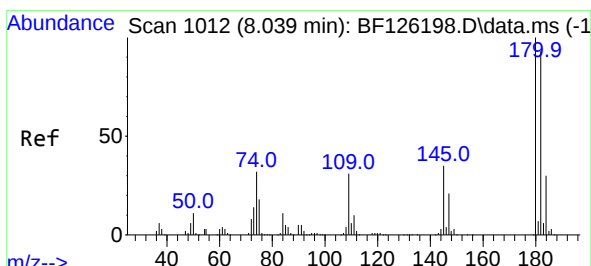
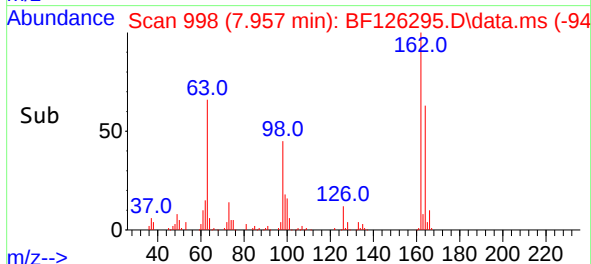
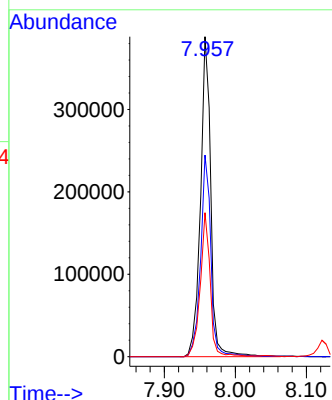
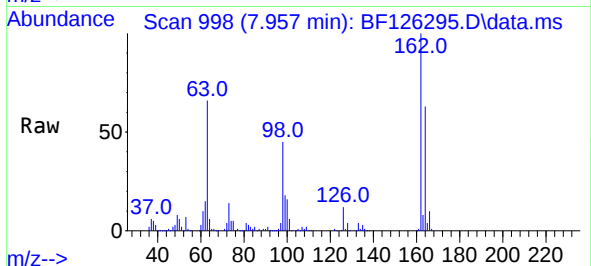
PB141481BS

Tgt Ion:162 Resp: 391820
Ion Ratio Lower Upper
162 100
164 63.0 44.5 84.5
98 45.0 13.0 53.0

Manual Integrations

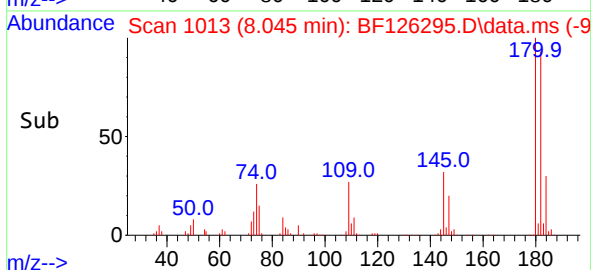
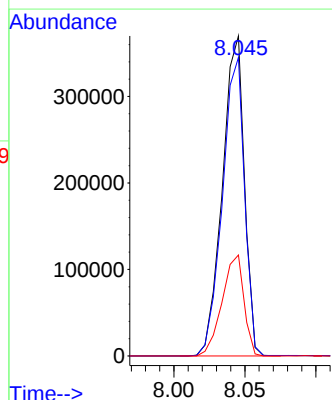
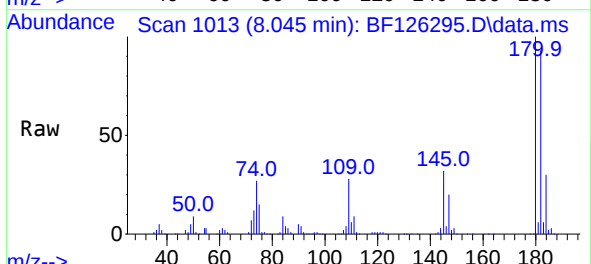
APPROVED

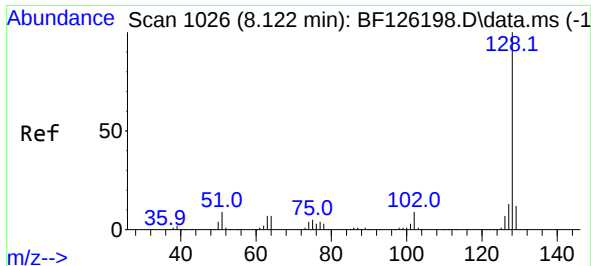
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#30
1,2,4-Trichlorobenzene
Concen: 40.911 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Tgt Ion:180 Resp: 398003
Ion Ratio Lower Upper
180 100
182 93.3 76.8 115.2
145 31.6 26.7 40.1





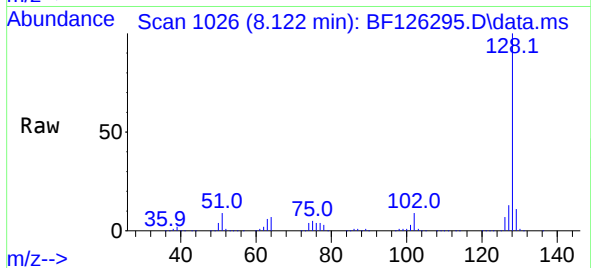
#31
Naphthalene
Concen: 41.444 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

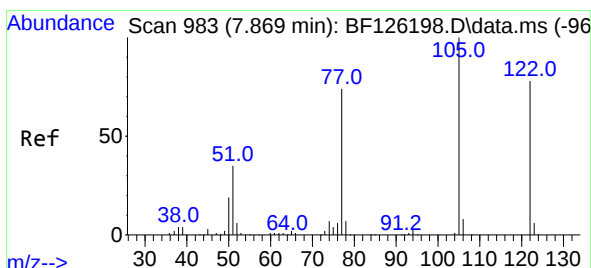
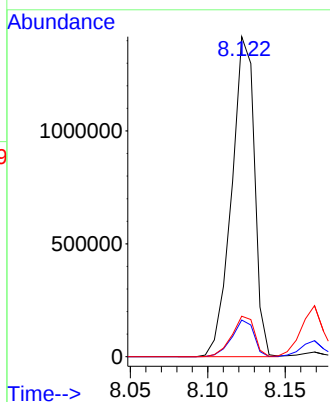
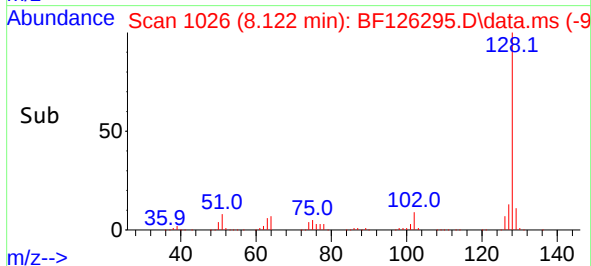


Tgt Ion:128 Resp: 1453260
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 12.7 10.9 16.3

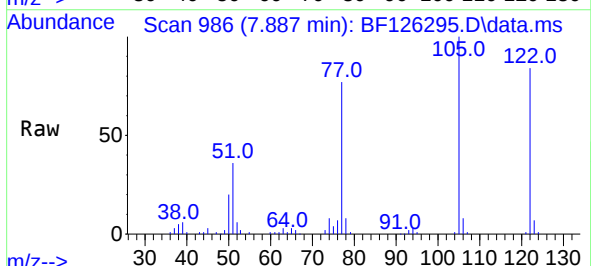
Manual Integrations

APPROVED

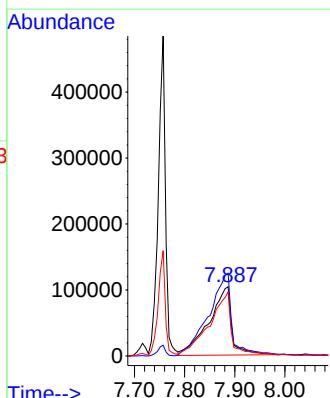
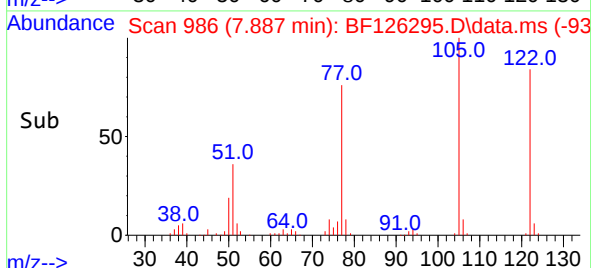
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

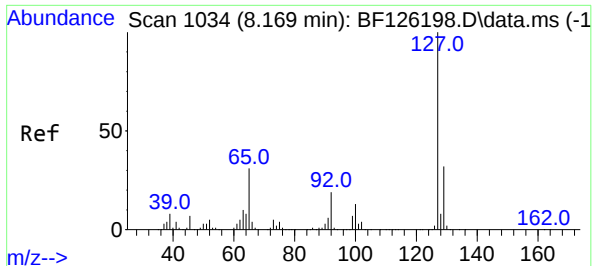


#32
Benzoic acid
Concen: 36.328 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.018 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:122 Resp: 331149
Ion Ratio Lower Upper
122 100
105 119.3 97.6 137.6
77 92.2 59.6 99.6





#33
4-Chloroaniline
Concen: 16.426 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

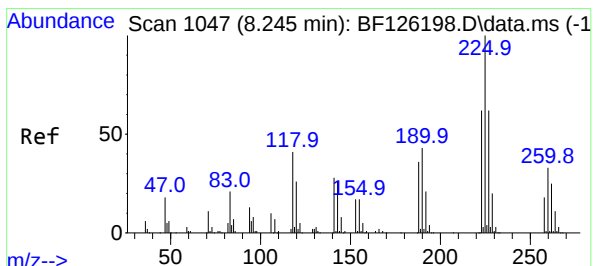
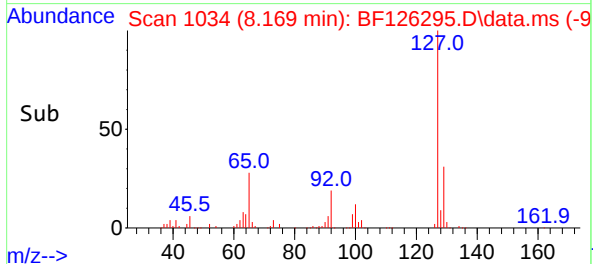
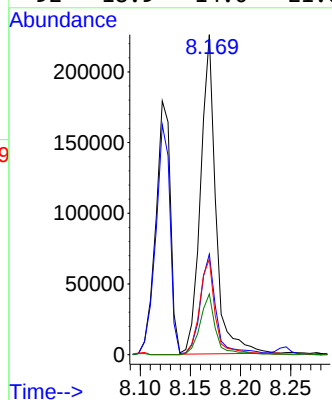
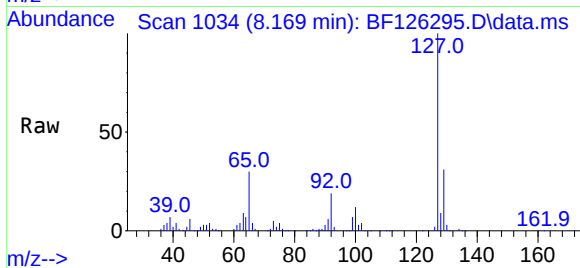
PB141481BS

Tgt Ion:127 Resp: 240500
Ion Ratio Lower Upper
127 100
129 31.4 25.7 38.5
65 29.8 21.2 31.8
92 18.9 14.0 21.0

Manual Integrations

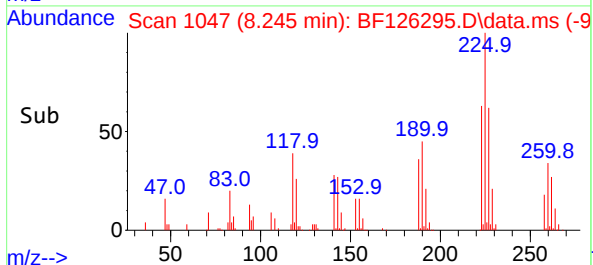
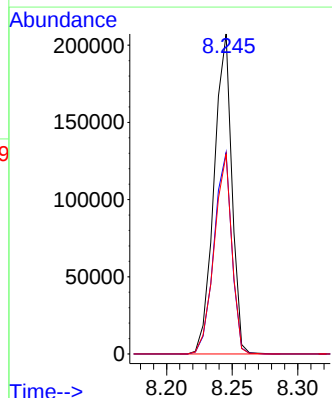
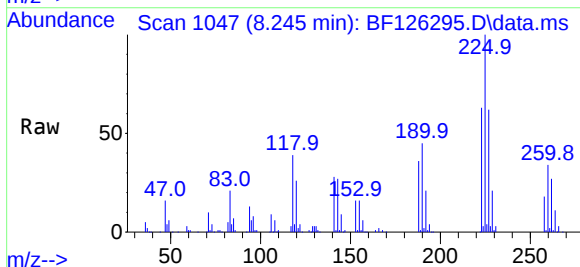
APPROVED

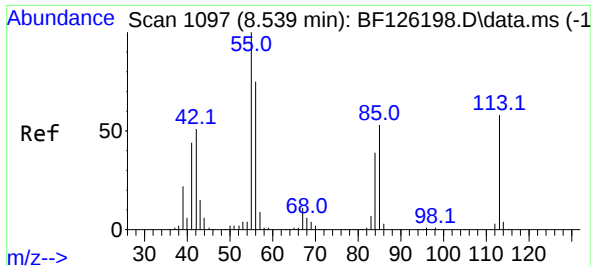
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#34
Hexachlorobutadiene
Concen: 40.893 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Tgt Ion:225 Resp: 195384
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 62.4 50.6 75.8





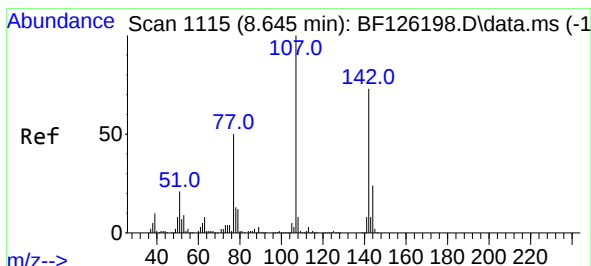
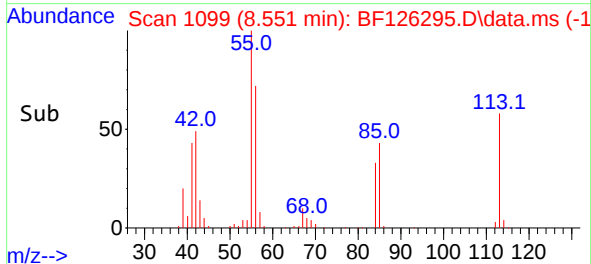
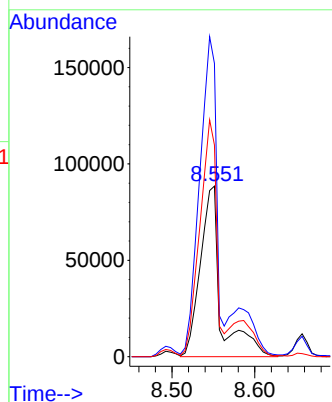
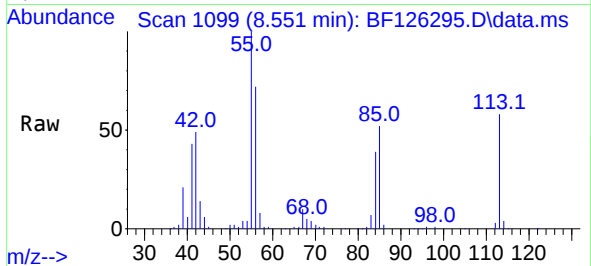
#35
Caprolactam
Concen: 64.890 ng m
RT: 8.551 min Scan# 1099
Delta R.T. 0.012 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :
BNA_F
ClientSampleId :
PB141481BS

Tgt Ion:113 Resp: 151670
Ion Ratio Lower Upper
113 100
55 172.0 154.1 194.1
56 124.2 108.7 148.7

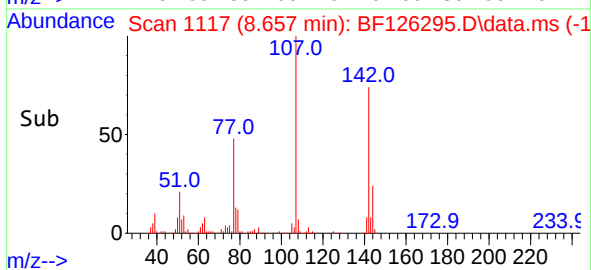
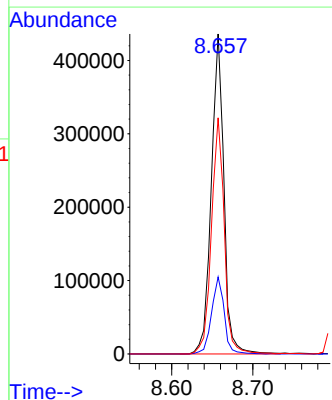
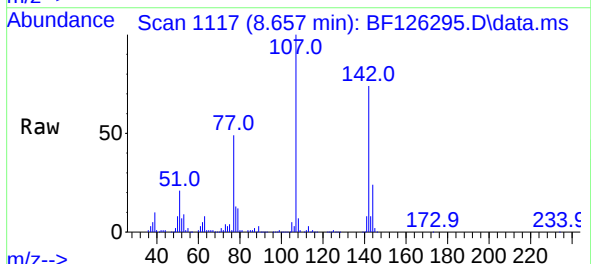
Manual Integrations
APPROVED

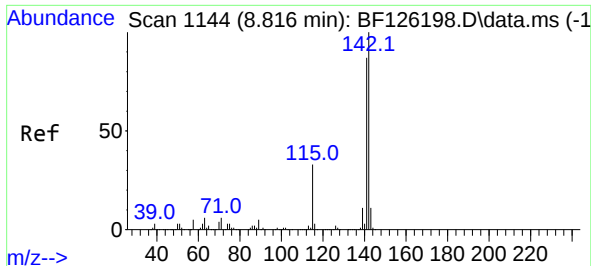
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#36
4-Chloro-3-methylphenol
Concen: 42.208 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.012 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Tgt Ion:107 Resp: 468272
Ion Ratio Lower Upper
107 100
144 24.1 21.9 32.9
142 73.8 67.1 100.7





#37

2-Methylnaphthalene

Concen: 42.953 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF126295.D

Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

Tgt Ion:142 Resp: 927560

Ion Ratio Lower Upper

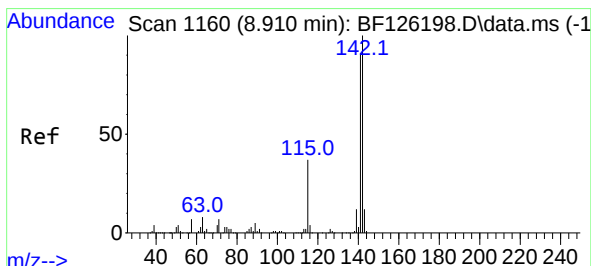
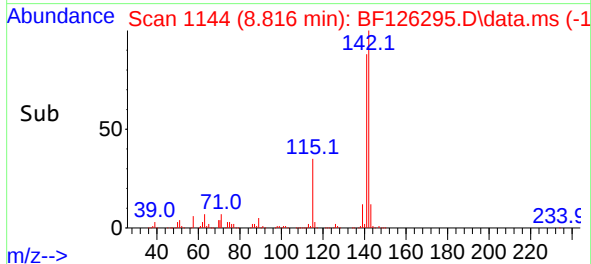
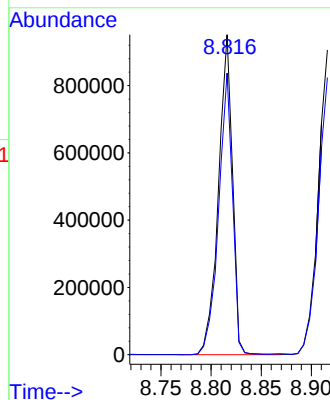
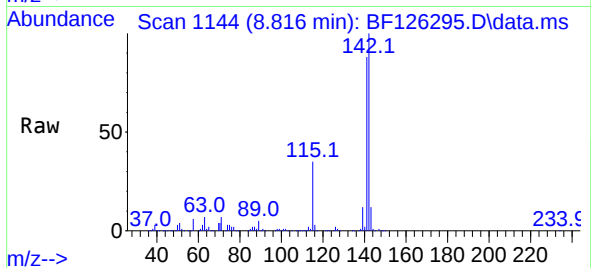
142 100

141 88.0 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: 40.678 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.006 min

Lab File: BF126295.D

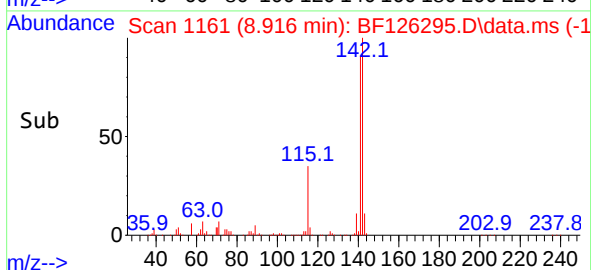
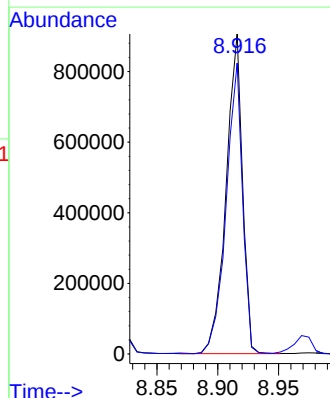
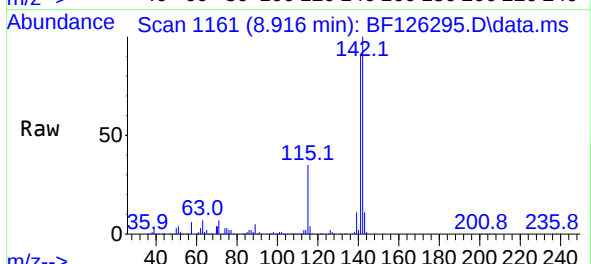
Acq: 21 Dec 2021 14:18

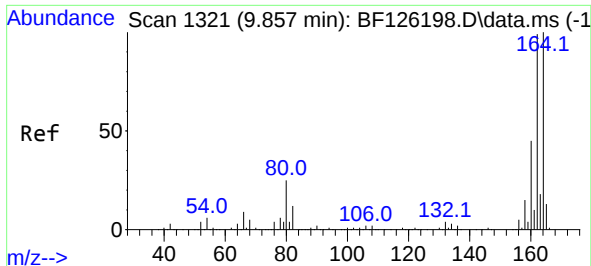
Tgt Ion:142 Resp: 852496

Ion Ratio Lower Upper

142 100

141 90.9 76.0 114.0





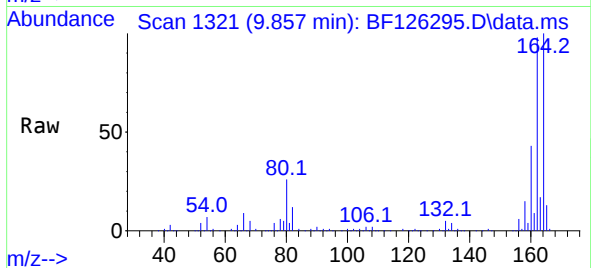
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

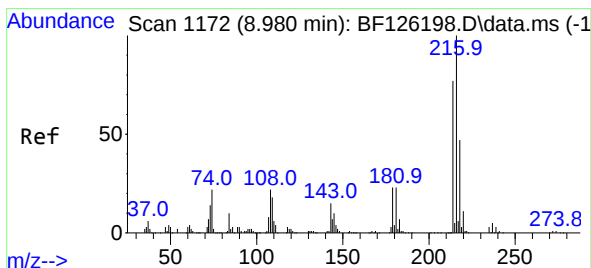
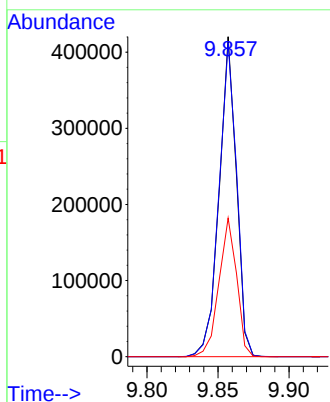
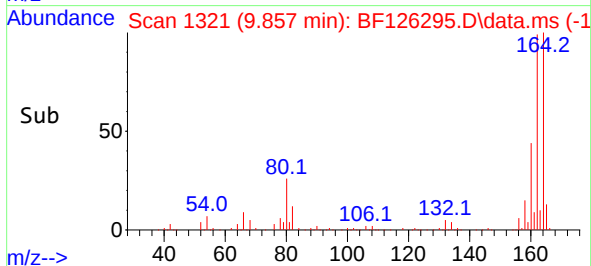


Tgt Ion:164 Resp: 353789
Ion Ratio Lower Upper
164 100
162 98.1 81.3 121.9
160 43.3 38.0 57.0

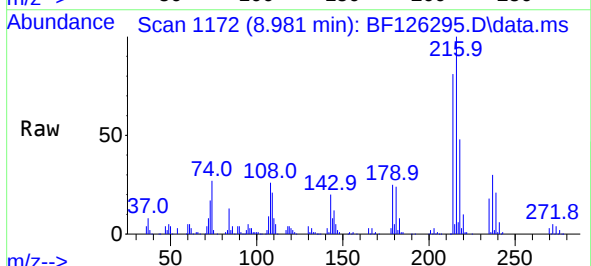
Manual Integrations

APPROVED

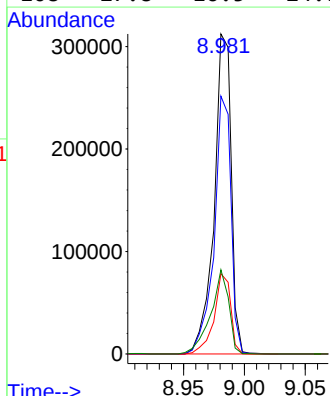
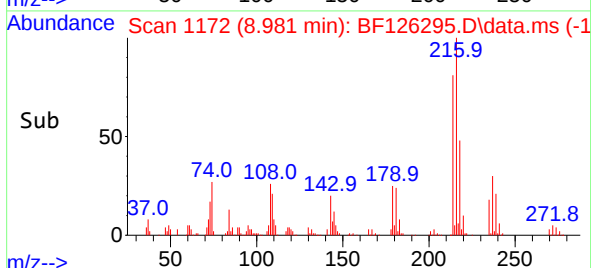
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

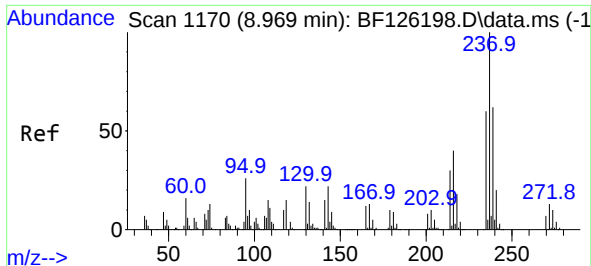


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.828 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



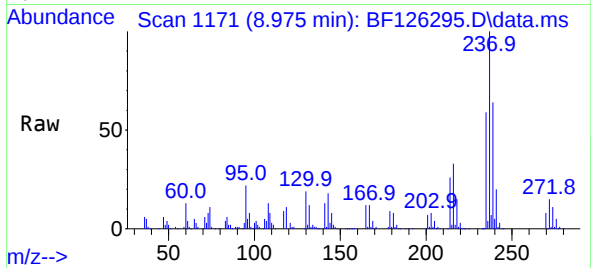
Tgt Ion:216 Resp: 304119
Ion Ratio Lower Upper
216 100
214 79.5 64.9 97.3
179 24.4 17.4 26.2
108 27.8 16.5 24.7#





#41
Hexachlorocyclopentadiene
Concen: 83.641 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

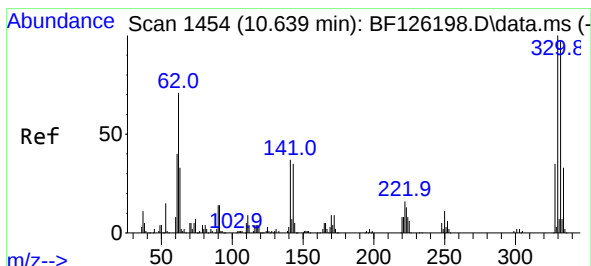
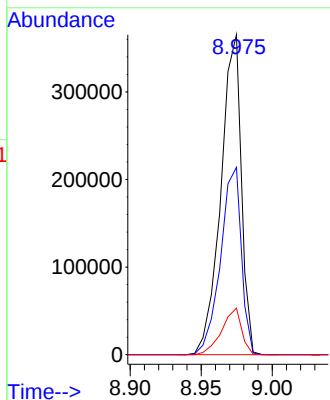
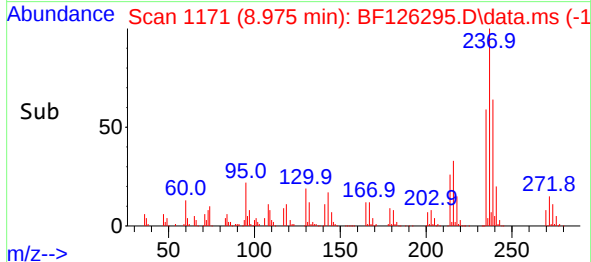
Instrument :
BNA_F
ClientSampleId :
PB141481BS



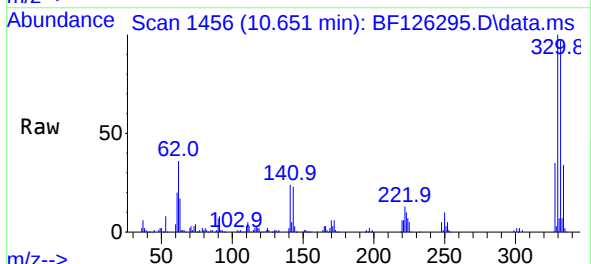
Tgt Ion:237 Resp: 365728
Ion Ratio Lower Upper
237 100
235 58.6 44.7 84.7
272 14.5 0.0 31.6

Manual Integrations
APPROVED

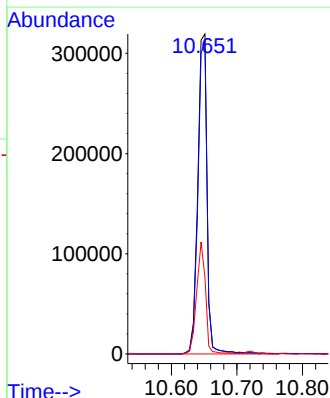
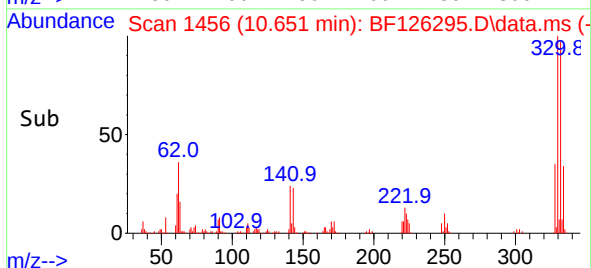
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

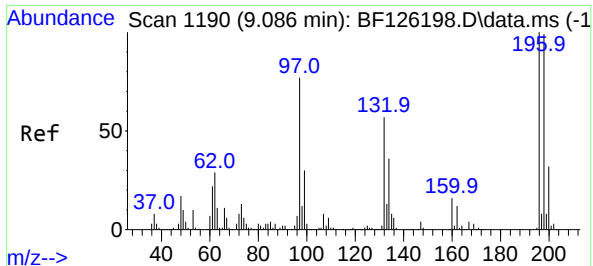


#42
2,4,6-Tribromophenol
Concen: 111.466 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:330 Resp: 316920
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 33.4 44.6 66.8#





#43
2,4,6-Trichlorophenol
Concen: 39.453 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

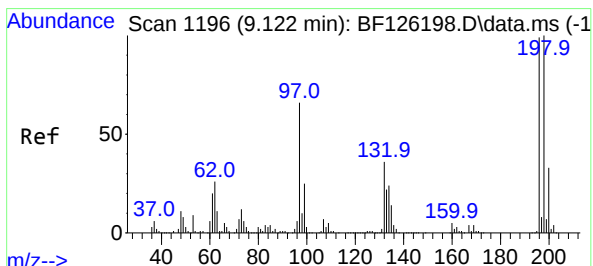
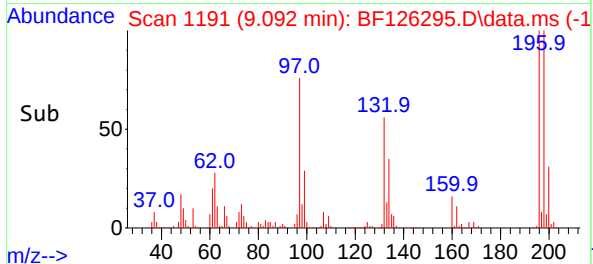
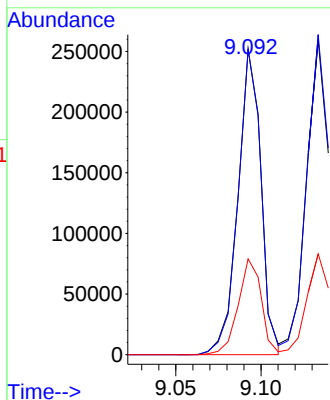
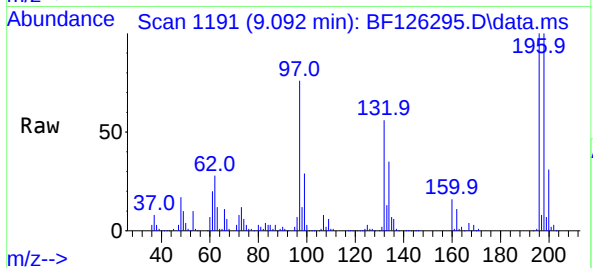
PB141481BS

Tgt Ion:196 Resp: 23698
Ion Ratio Lower Upper
196 100
198 100.2 74.9 112.3
200 31.4 27.0 40.4

Manual Integrations

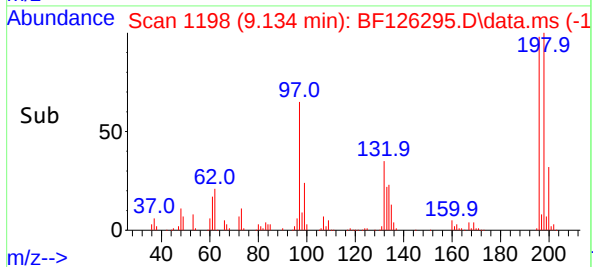
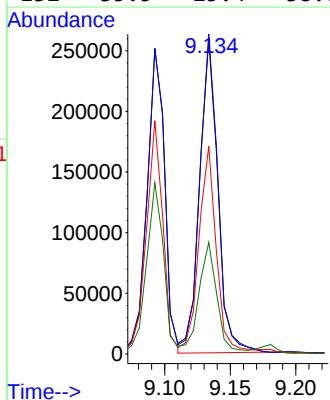
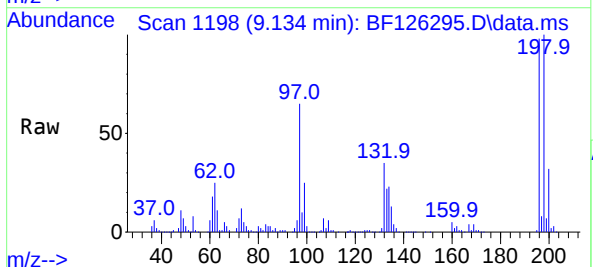
APPROVED

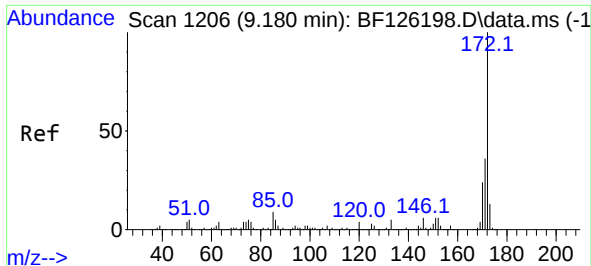
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#44
2,4,5-Trichlorophenol
Concen: 40.411 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Tgt Ion:196 Resp: 251370
Ion Ratio Lower Upper
196 100
198 101.7 80.2 120.2
97 66.0 44.0 66.0#
132 35.5 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 69.441 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF126295.D

Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

Tgt Ion:172 Resp: 1400739

Ion Ratio Lower Upper

172 100

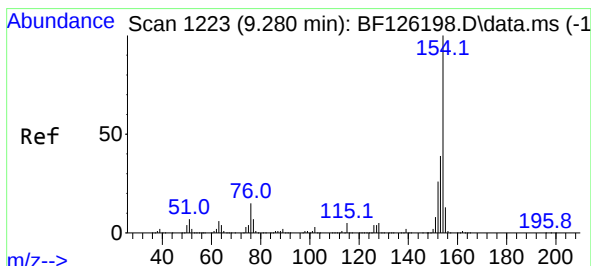
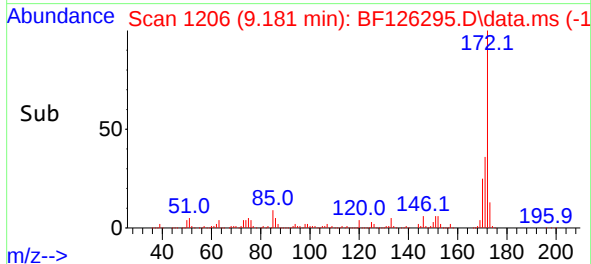
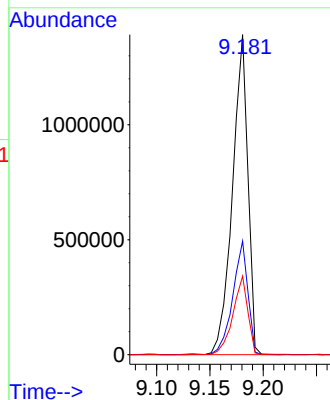
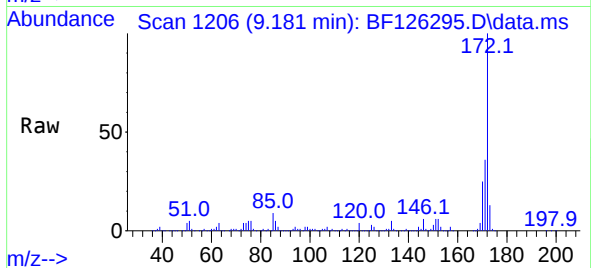
171 35.5 26.5 39.7

170 24.6 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: 40.838 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF126295.D

Acq: 21 Dec 2021 14:18

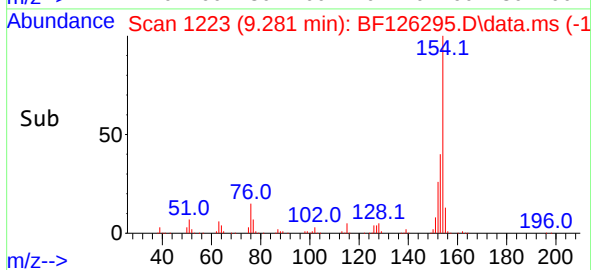
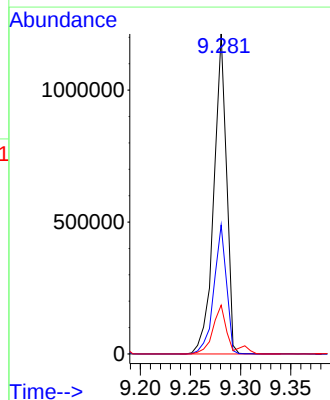
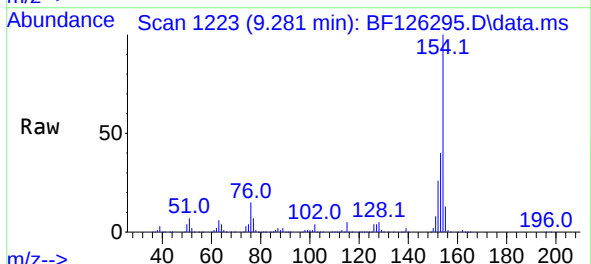
Tgt Ion:154 Resp: 1068314

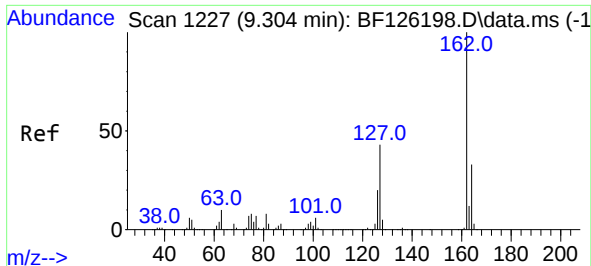
Ion Ratio Lower Upper

154 100

153 40.3 20.0 60.0

76 15.3 0.0 30.3





#47
2-Chloronaphthalene
Concen: 40.058 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

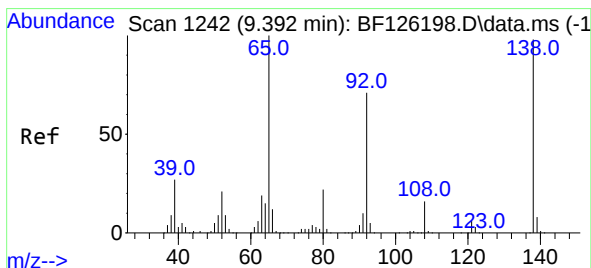
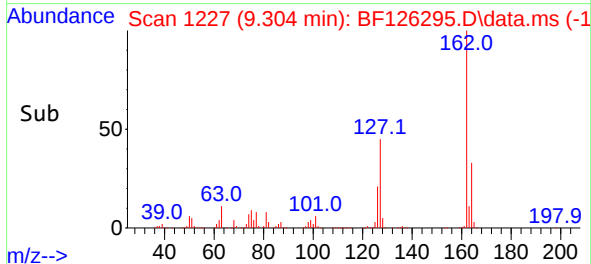
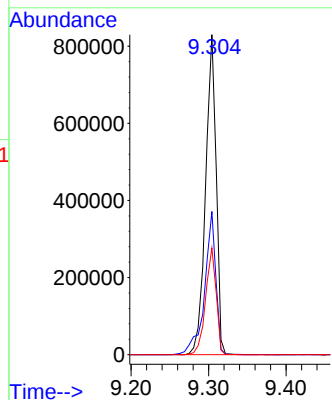
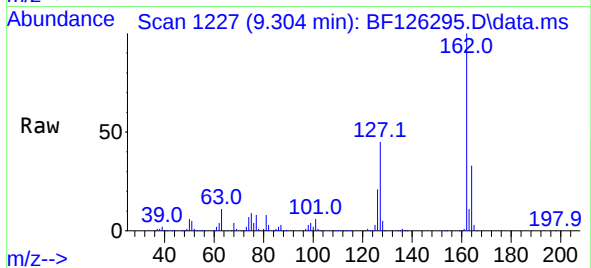
ClientSampleId :

PB141481BS

Tgt Ion:162 Resp: 788415
Ion Ratio Lower Upper
162 100
127 44.7 33.0 49.4
164 33.4 25.8 38.8

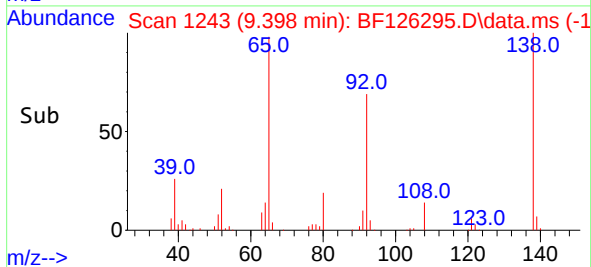
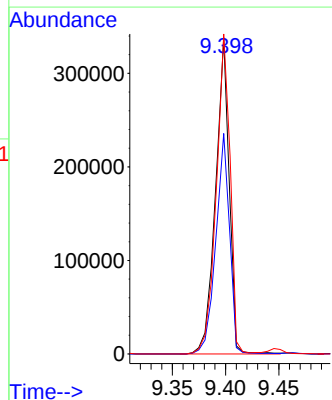
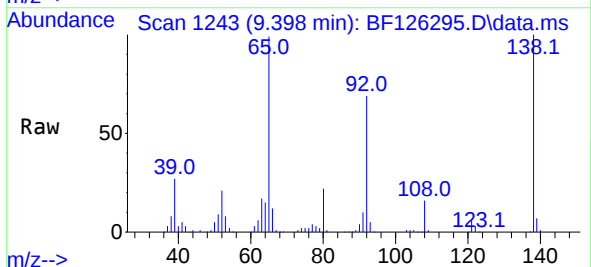
Manual Integrations
APPROVED

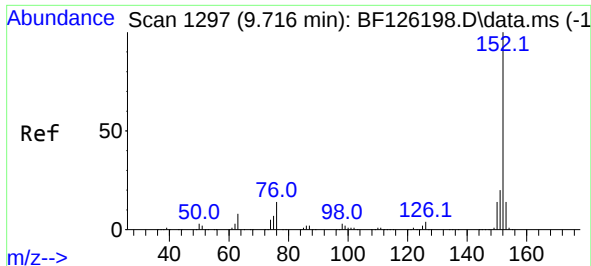
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#48
2-Nitroaniline
Concen: 41.791 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Tgt Ion: 65 Resp: 300222
Ion Ratio Lower Upper
65 100
92 69.7 55.5 83.3
138 101.2 93.5 140.3





#49

Acenaphthylene

Concen: 41.045 ng

RT: 9.722 min Scan# 1298

Delta R.T. 0.006 min

Lab File: BF126295.D

Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

Tgt Ion:152 Resp: 123441

Ion Ratio Lower Upper

152 100

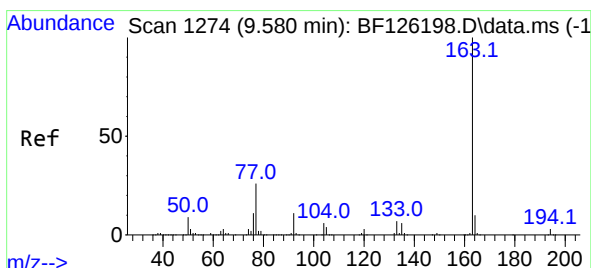
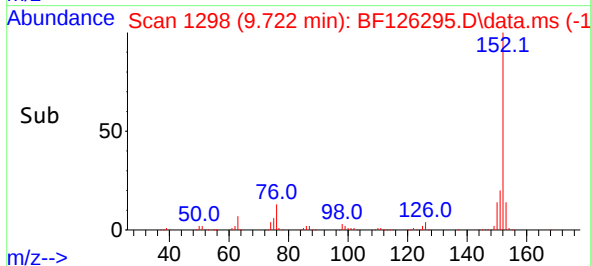
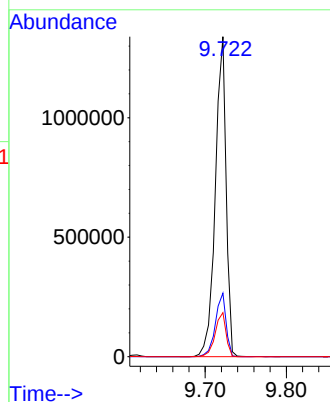
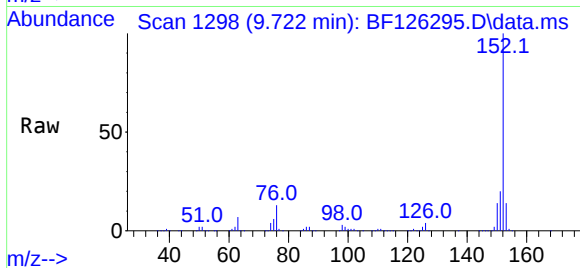
151 19.8 15.7 23.5

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: 41.255 ng

RT: 9.581 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF126295.D

Acq: 21 Dec 2021 14:18

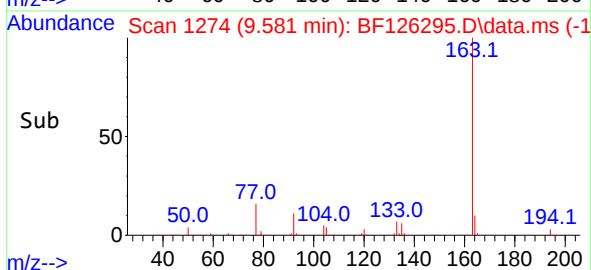
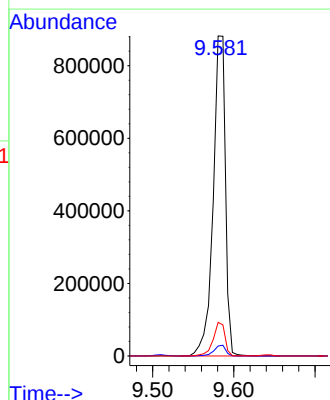
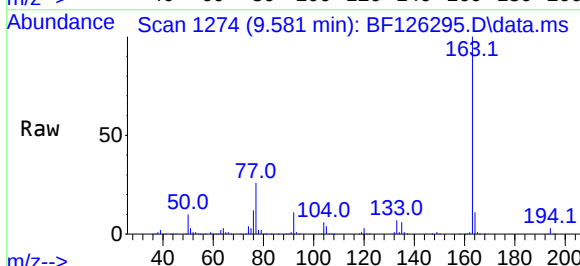
Tgt Ion:163 Resp: 924549

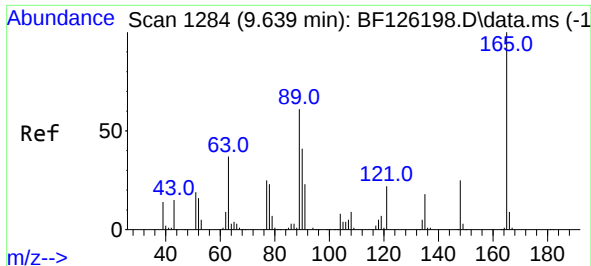
Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

164 10.5 7.4 11.0





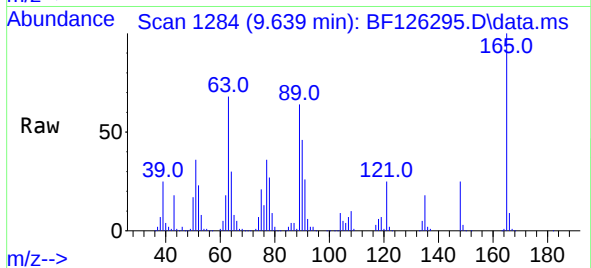
#51
2,6-Dinitrotoluene
Concen: 43.208 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

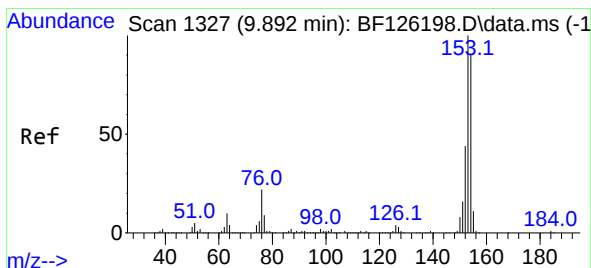
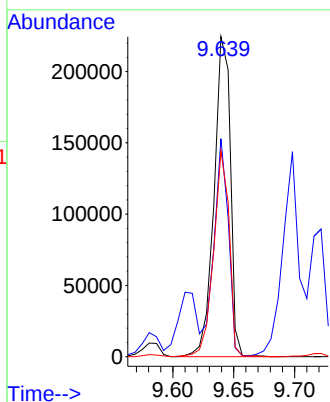
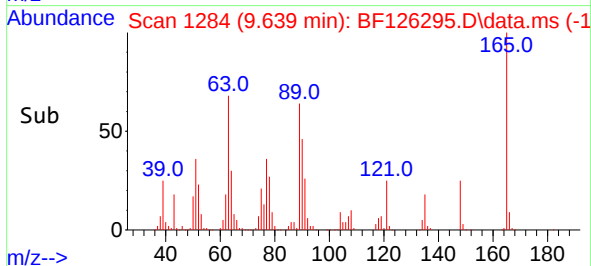


Tgt Ion:165 Resp: 209589
Ion Ratio Lower Upper
165 100
63 68.1 42.6 63.8
89 64.3 40.6 60.8

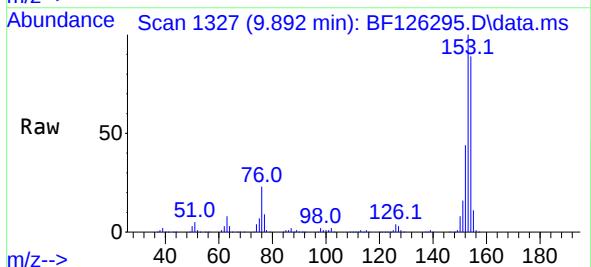
Manual Integrations

APPROVED

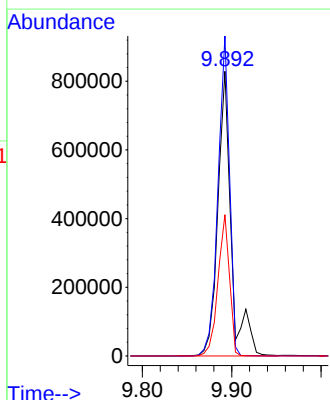
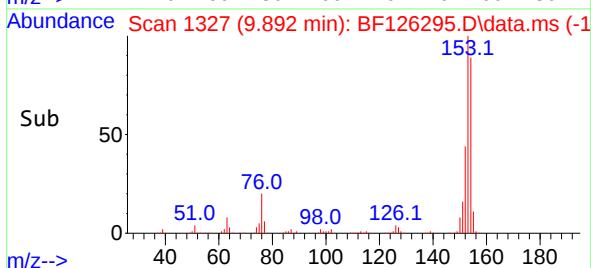
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

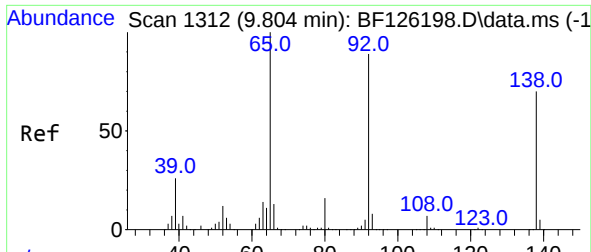


#52
Acenaphthene
Concen: 44.241 ng m
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:154 Resp: 862861
Ion Ratio Lower Upper
154 100
153 112.4 89.4 134.2
152 49.6 40.5 60.7





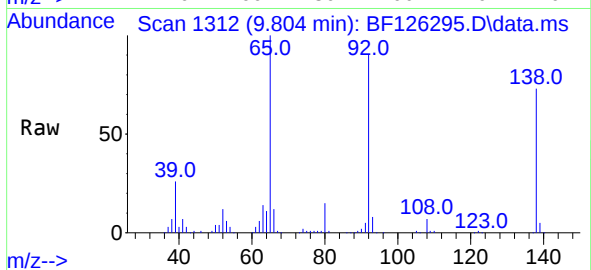
#53
3-Nitroaniline
Concen: 22.779 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

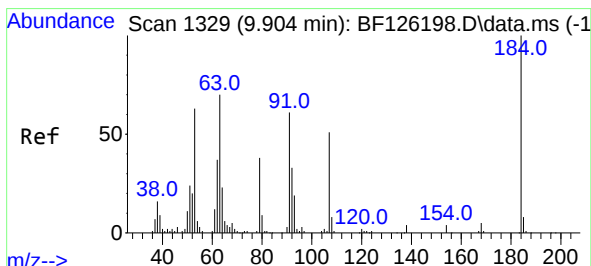
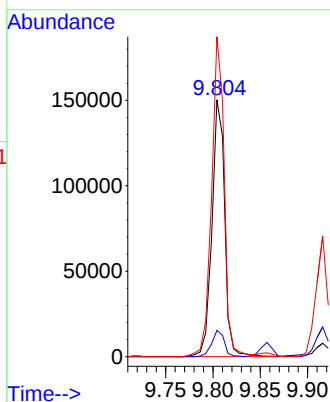
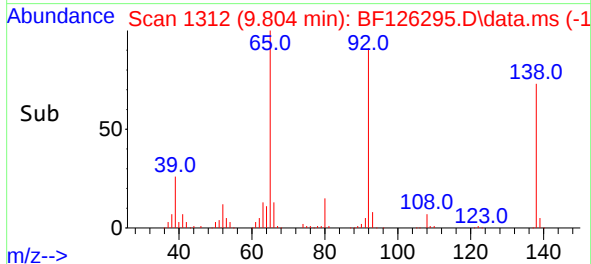


Tgt Ion:138 Resp: 14044
Ion Ratio Lower Upper
138 100
108 10.2 9.3 13.9
92 124.5 76.5 114.7

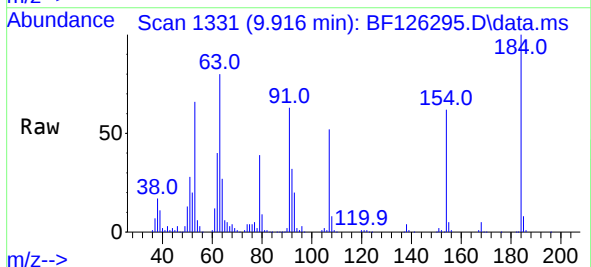
Manual Integrations

APPROVED

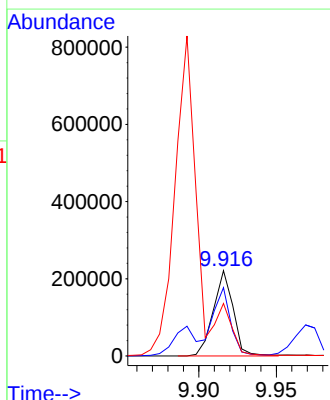
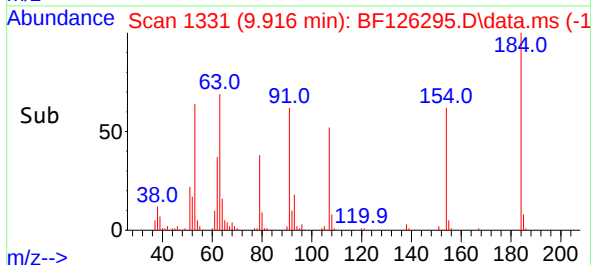
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

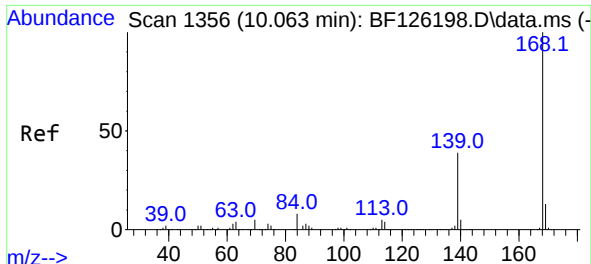


#54
2,4-Dinitrophenol
Concen: 98.846 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:184 Resp: 197423
Ion Ratio Lower Upper
184 100
63 80.1 59.3 88.9
154 61.5 68.6 102.8





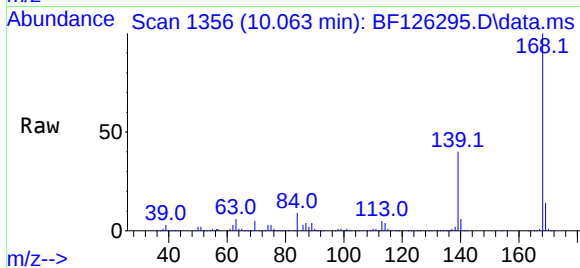
#55
Dibenzenofuran
Concen: 39.811 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

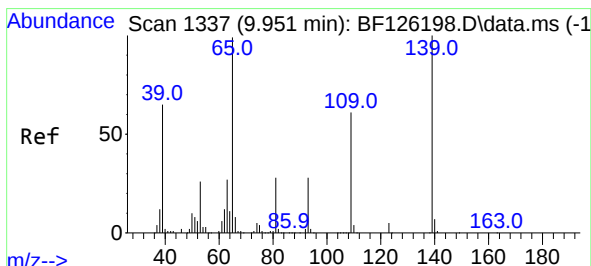
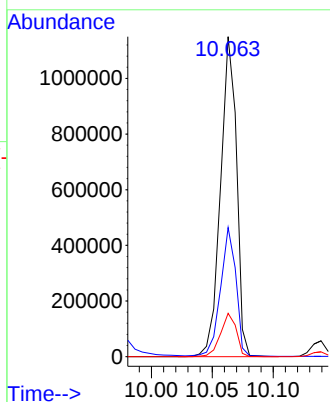
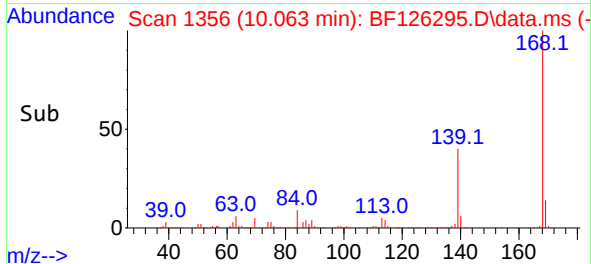


Tgt Ion:168 Resp: 1057140
Ion Ratio Lower Upper
168 100
139 40.4 32.7 49.1
169 13.6 11.2 16.8

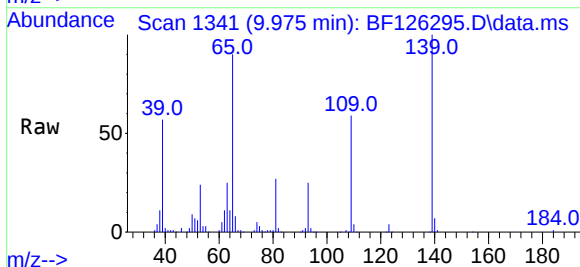
Manual Integrations

APPROVED

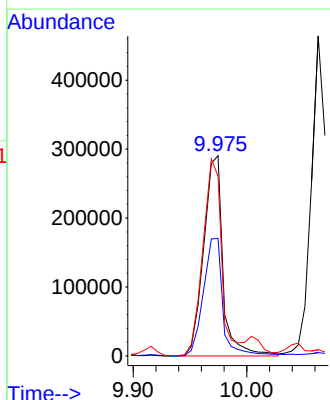
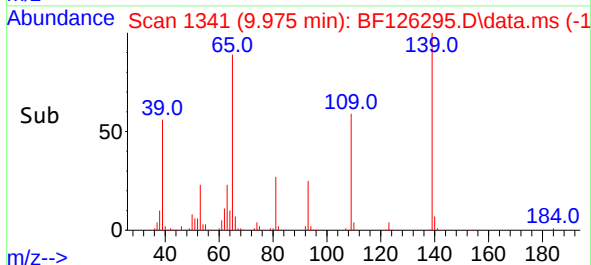
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

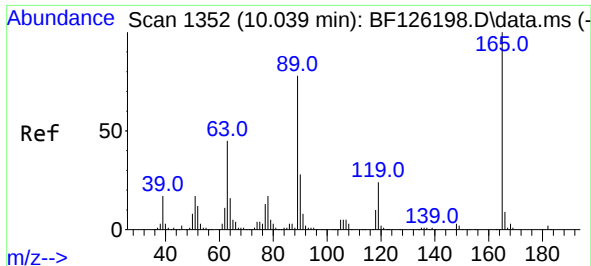


#56
4-Nitrophenol
Concen: 76.949 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.024 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:139 Resp: 342688
Ion Ratio Lower Upper
139 100
109 58.7 60.4 100.4#
65 89.7 58.4 98.4





#57
2,4-Dinitrotoluene
Concen: 44.399 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

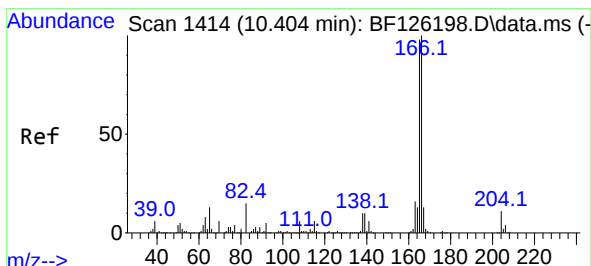
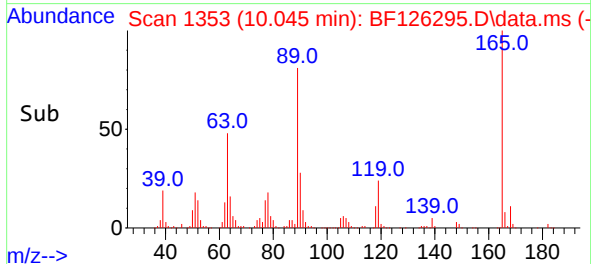
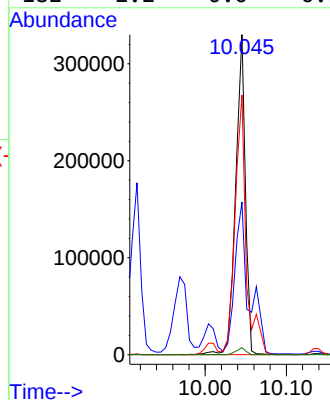
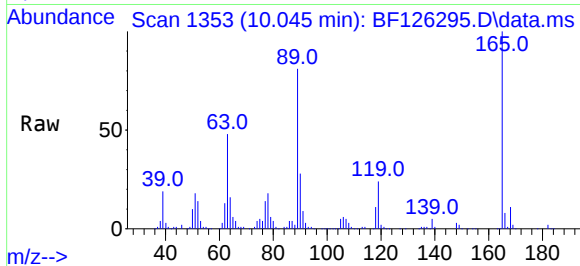
PB141481BS

Tgt Ion:165 Resp: 274729
Ion Ratio Lower Upper
165 100
63 47.7 40.9 61.3
89 81.1 59.7 89.5
182 2.2 0.0 0.0#

Manual Integrations

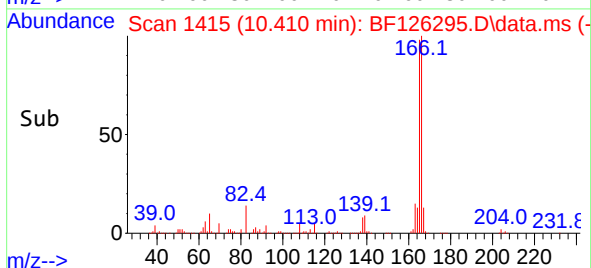
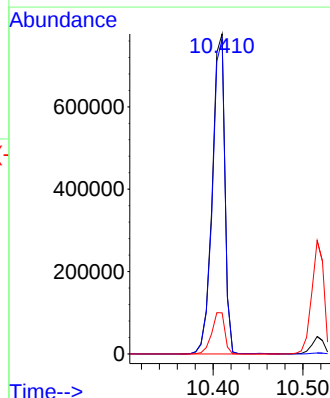
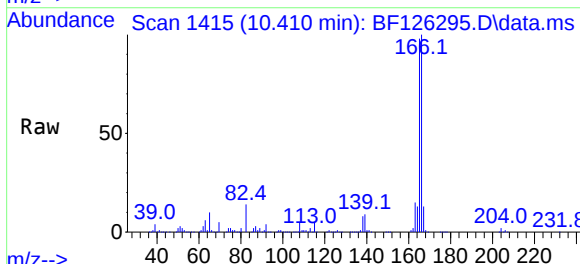
APPROVED

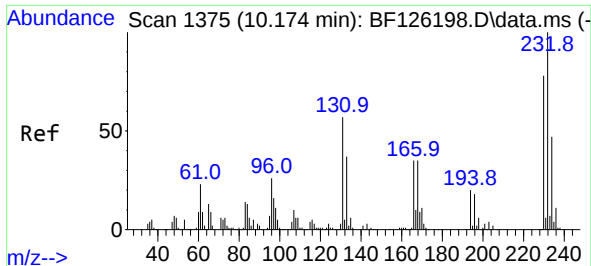
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#58
Fluorene
Concen: 39.251 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

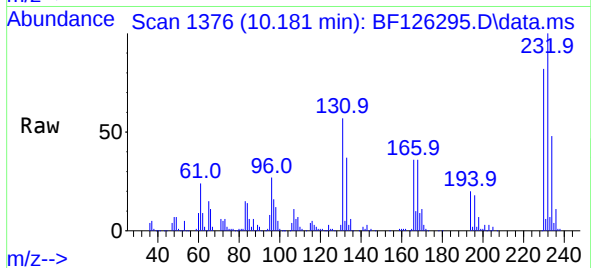
Tgt Ion:166 Resp: 754540
Ion Ratio Lower Upper
166 100
165 98.4 78.1 117.1
167 12.9 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.053 ng
RT: 10.181 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

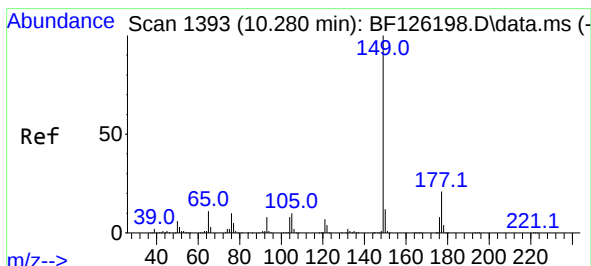
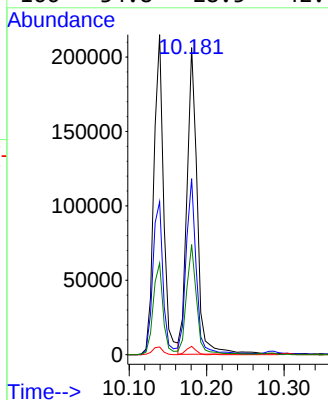
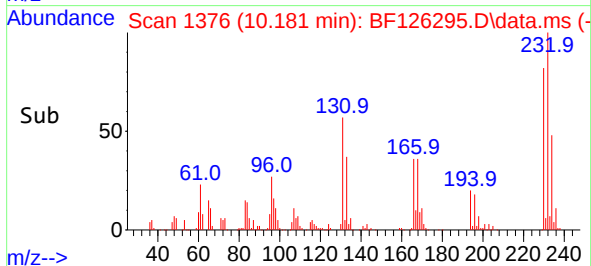
Instrument :
BNA_F
ClientSampleId :
PB141481BS



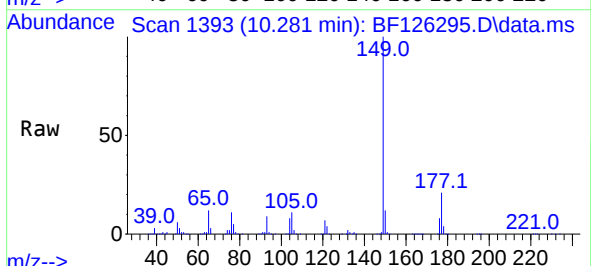
Tgt Ion:232 Resp: 189338
Ion Ratio Lower Upper
232 100
131 58.7 45.4 68.0
130 2.5 0.0 0.0
166 34.8 28.5 42.7

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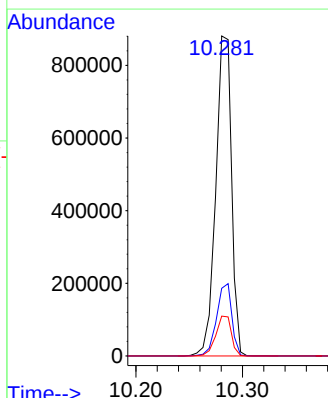
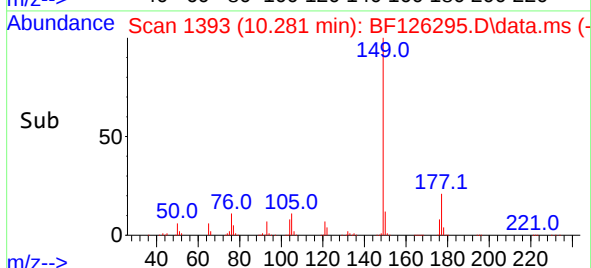
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

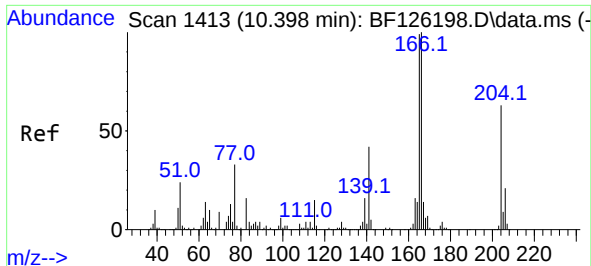


#60
Diethylphthalate
Concen: 40.116 ng
RT: 10.281 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



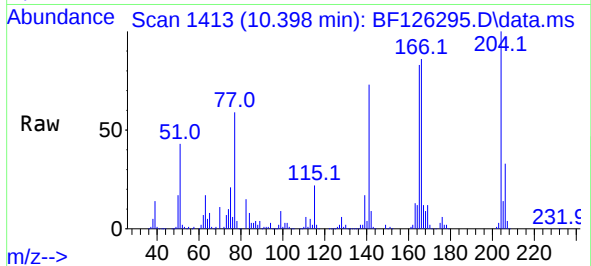
Tgt Ion:149 Resp: 903487
Ion Ratio Lower Upper
149 100
177 21.2 16.5 24.7
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 37.932 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

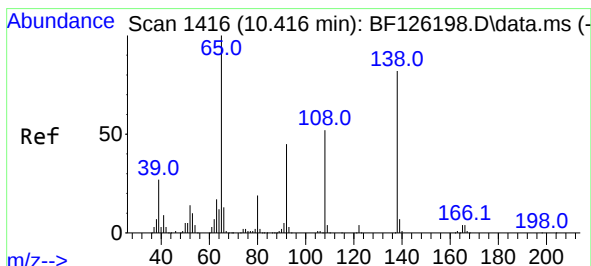
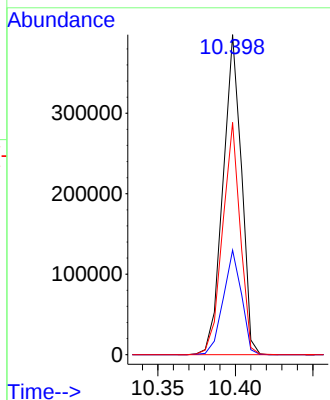
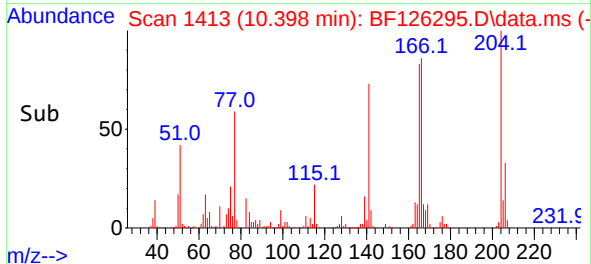
Instrument :
BNA_F
ClientSampleId :
PB141481BS



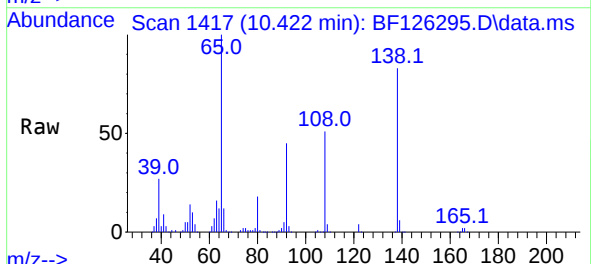
Tgt Ion:204 Resp: 328315
Ion Ratio Lower Upper
204 100
206 32.6 27.6 41.4
141 72.6 58.6 88.0

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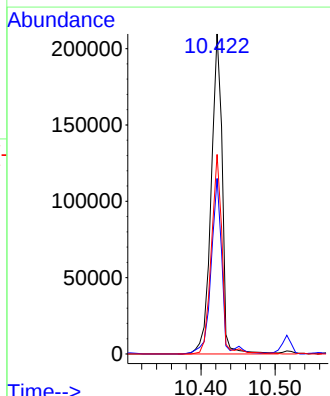
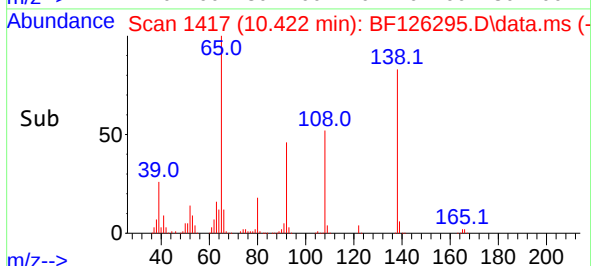
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

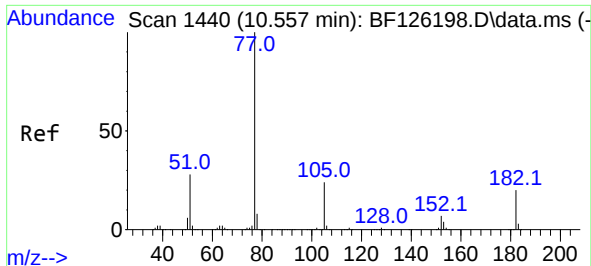


#62
4-Nitroaniline
Concen: 42.064 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:138 Resp: 217549
Ion Ratio Lower Upper
138 100
92 54.9 29.6 69.6
108 62.3 78.1 118.1#





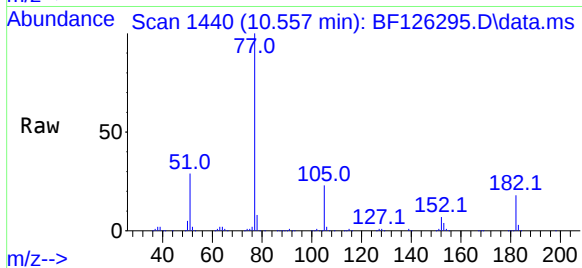
#63
Azobenzene
Concen: 39.930 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

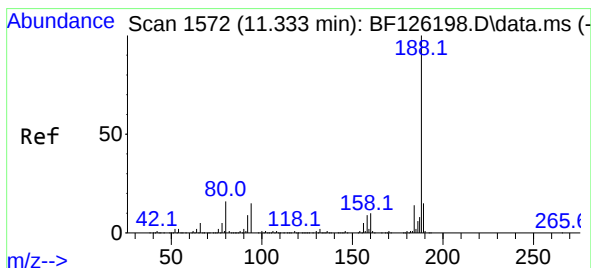
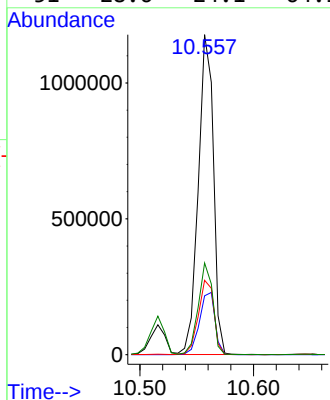
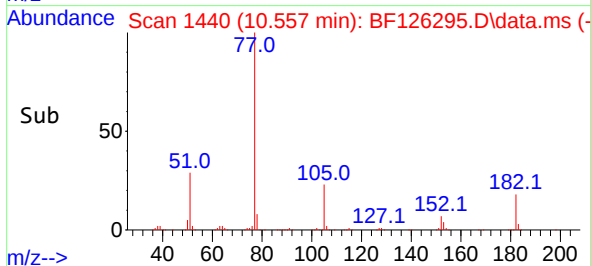


Tgt Ion: 77 Resp: 1089258
Ion Ratio Lower Upper
77 100
182 18.4 6.3 46.3
105 23.2 2.9 42.9
51 28.6 24.1 64.1

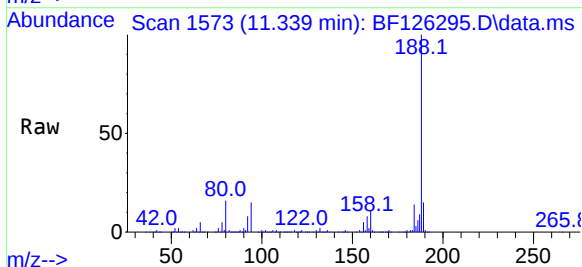
Manual Integrations

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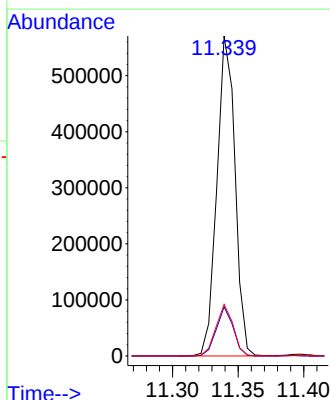
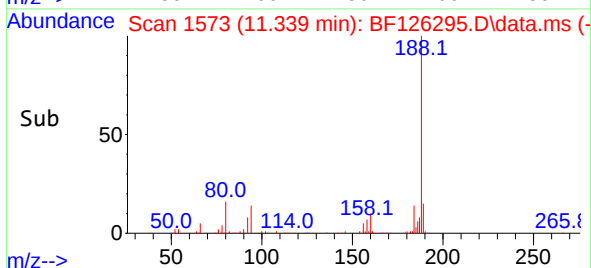
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

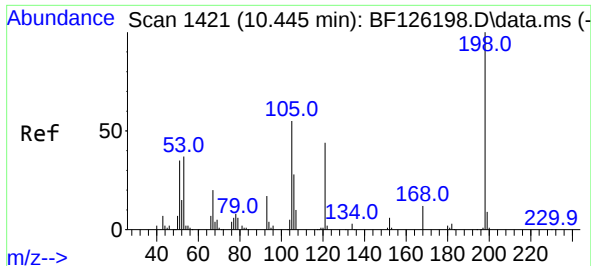


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:188 Resp: 547488
Ion Ratio Lower Upper
188 100
94 15.4 6.7 10.1#
80 16.1 7.5 11.3#





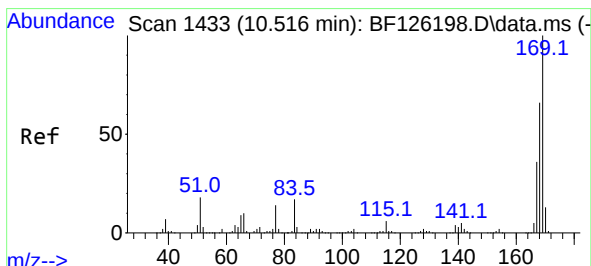
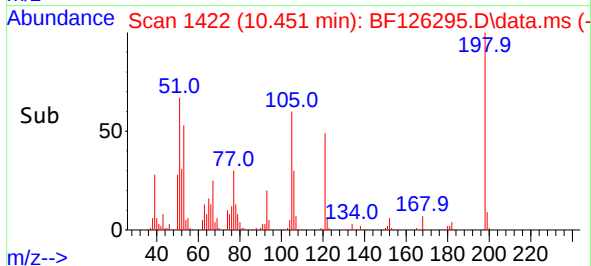
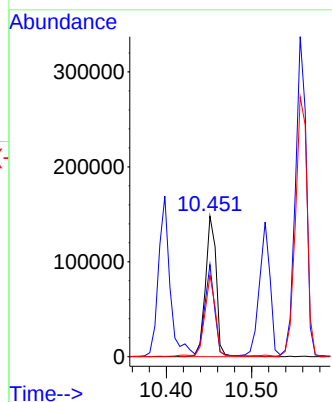
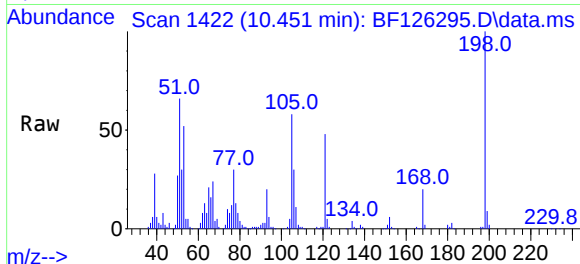
#65
4,6-Dinitro-2-methylphenol
Concen: 43.653 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :
BNA_F
ClientSampleId :
PB141481BS

Tgt Ion:198 Resp: 130500
Ion Ratio Lower Upper
198 100
51 65.6 45.3 85.3
105 58.0 30.6 70.6

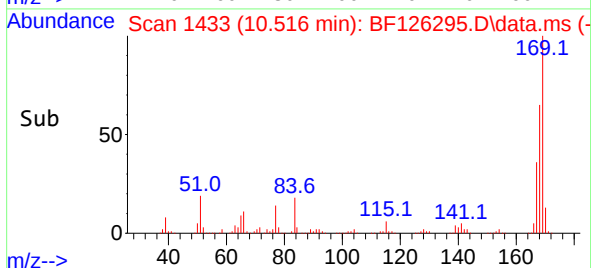
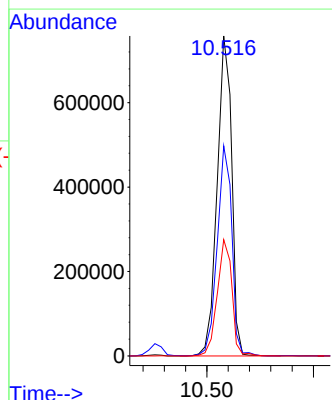
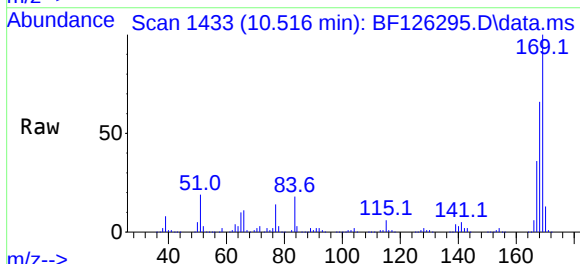
Manual Integrations
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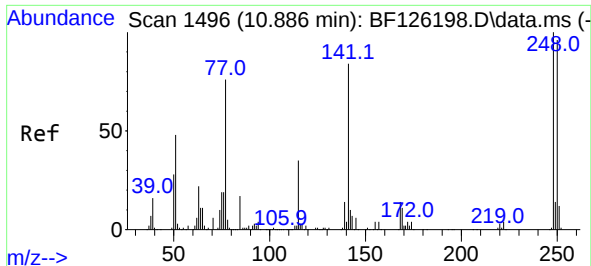
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#66
n-Nitrosodiphenylamine
Concen: 40.786 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Tgt Ion:169 Resp: 716637
Ion Ratio Lower Upper
169 100
168 65.7 50.8 76.2
167 36.4 28.8 43.2





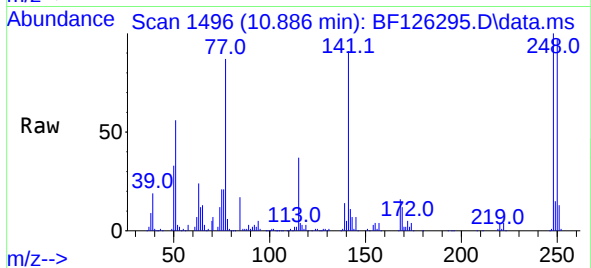
#67
4-Bromophenyl-phenylether
Concen: 41.654 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

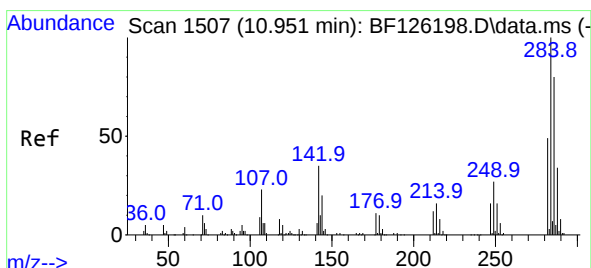
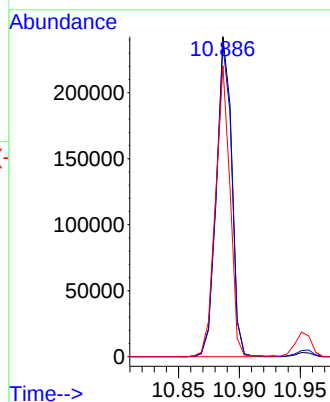
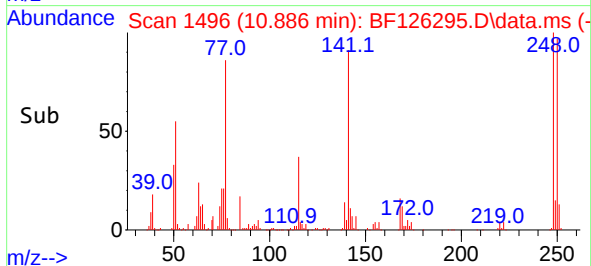


Tgt Ion:248 Resp: 214030
Ion Ratio Lower Upper
248 100
250 97.4 74.2 111.4
141 90.9 60.4 90.6

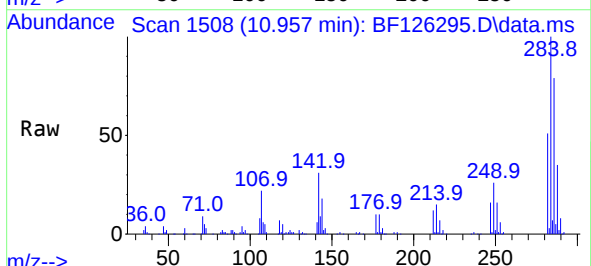
Manual Integrations

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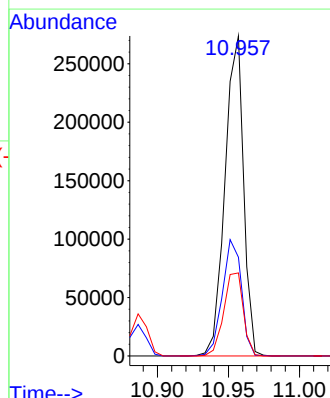
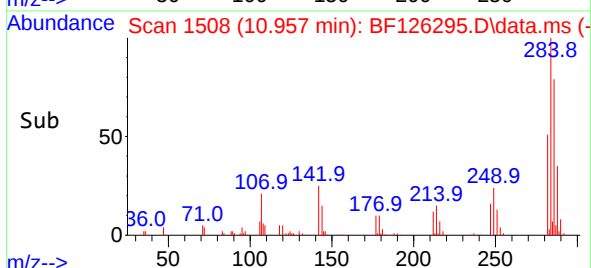
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

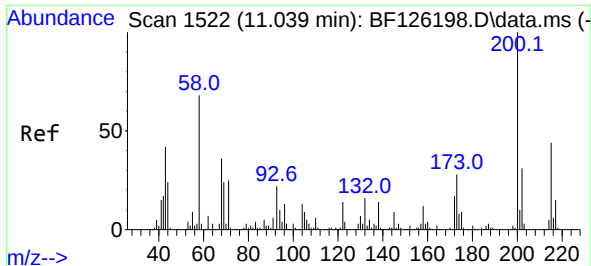


#68
Hexachlorobenzene
Concen: 42.145 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



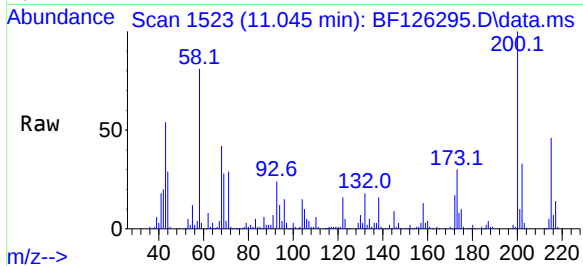
Tgt Ion:284 Resp: 249057
Ion Ratio Lower Upper
284 100
142 30.8 36.4 54.6#
249 26.0 25.6 38.4





#69
Atrazine
Concen: 68.019 ng
RT: 11.045 min Scan# 1522
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

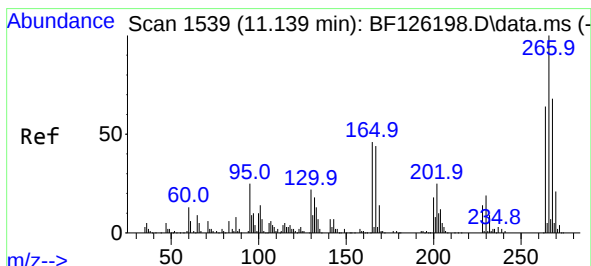
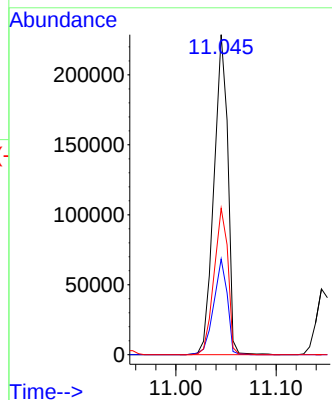
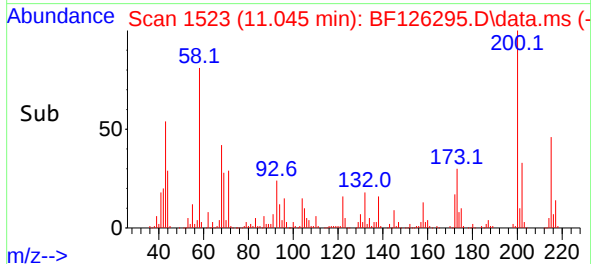
Instrument :
BNA_F
ClientSampleId :
PB141481BS



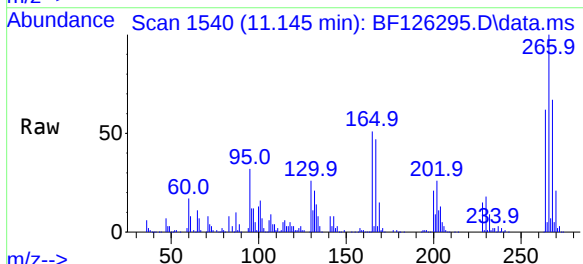
Tgt Ion:200 Resp: 219019
Ion Ratio Lower Upper
200 100
173 29.9 11.1 51.1
215 45.8 22.7 62.7

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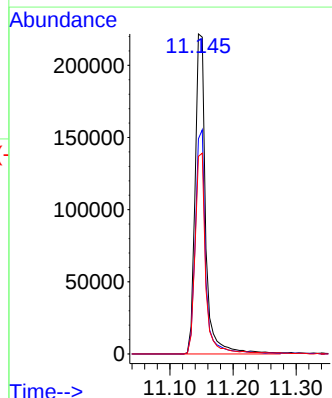
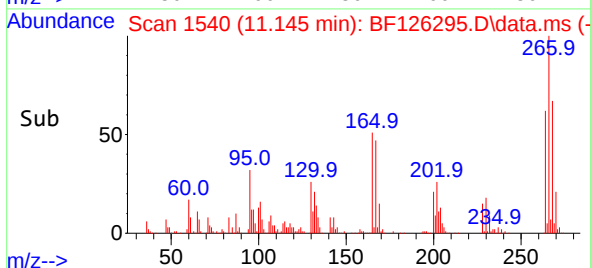
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

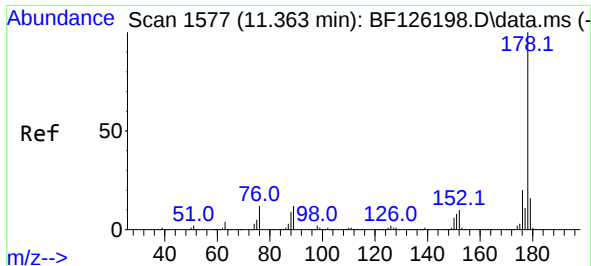


#70
Pentachlorophenol
Concen: 78.396 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:266 Resp: 257022
Ion Ratio Lower Upper
266 100
268 67.2 48.9 73.3
264 61.8 55.9 83.9





#71
Phenanthrene
Concen: 40.566 ng
RT: 11.369 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

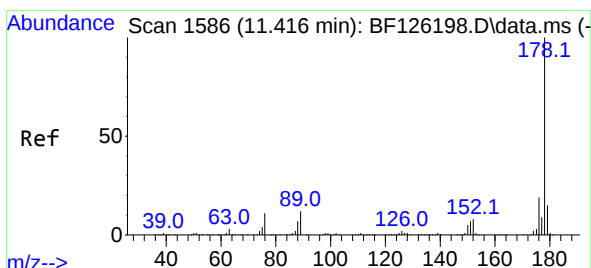
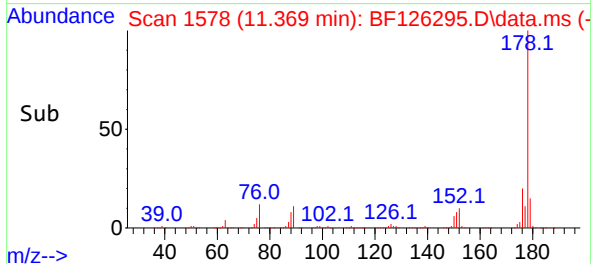
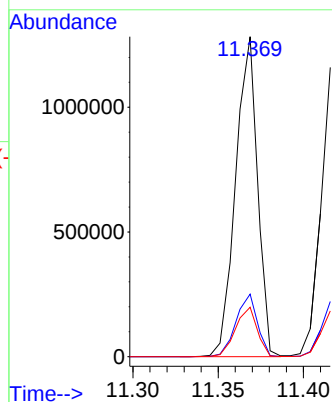
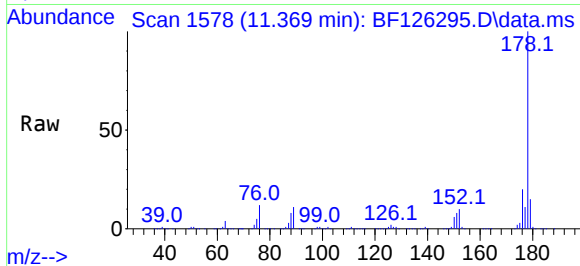
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Tgt Ion:178 Resp: 1146312
Ion Ratio Lower Upper
178 100
176 19.5 14.7 22.1
179 15.4 11.5 17.3

Manual Integrations

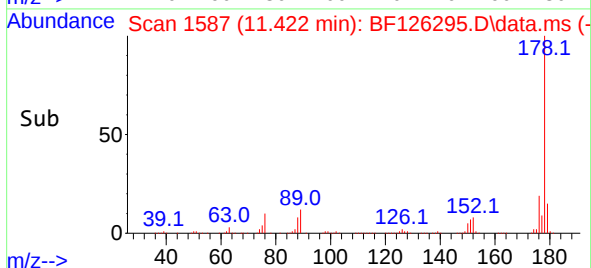
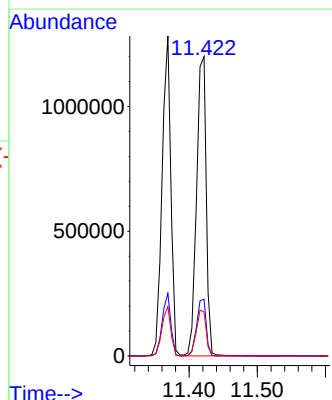
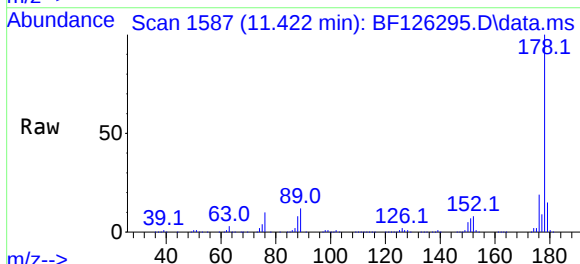
APPROVED

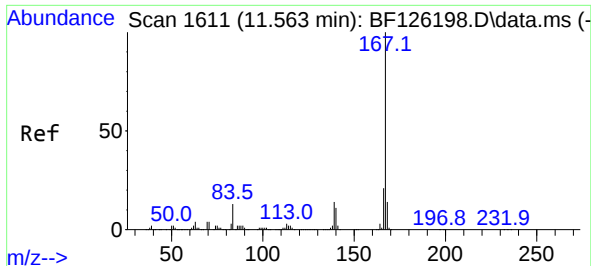
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#72
Anthracene
Concen: 41.688 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

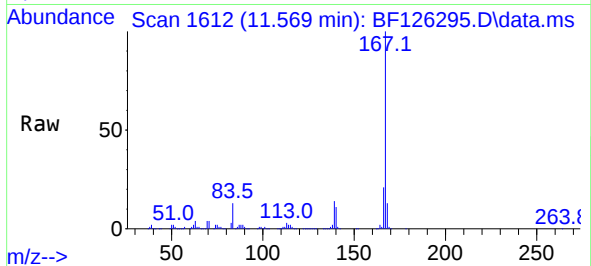
Tgt Ion:178 Resp: 1182361
Ion Ratio Lower Upper
178 100
176 19.0 14.3 21.5
179 14.8 12.2 18.4





#73
 Carbazole
 Concen: 39.620 ng
 RT: 11.569 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF126295.D
 Acq: 21 Dec 2021 14:18

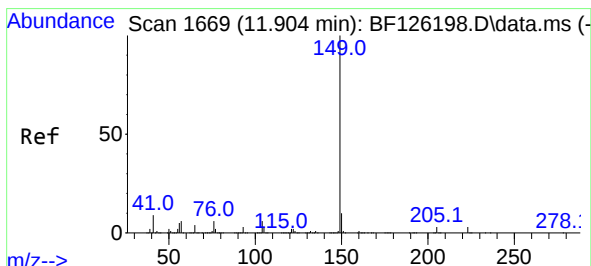
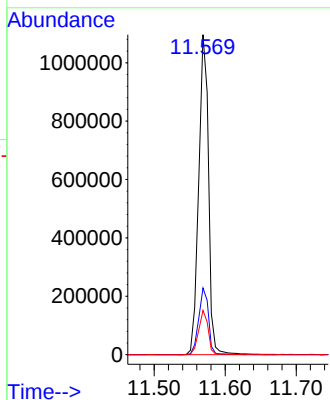
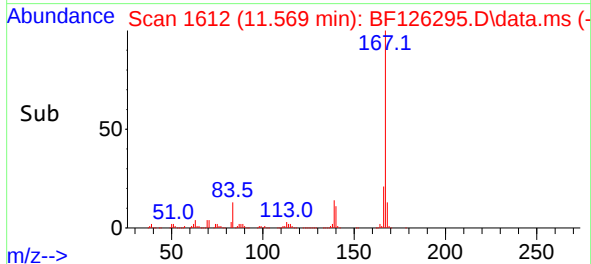
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 BNA_F
 ClientSampleId :
 PB141481BS



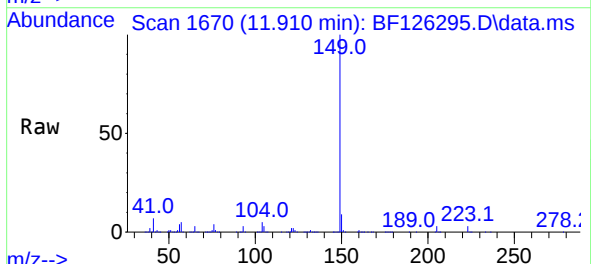
Tgt Ion:167 Resp: 105826
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.0
 139 13.9 11.0 16.4

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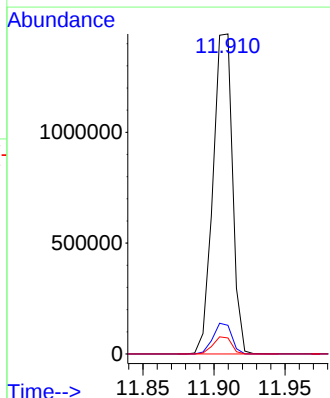
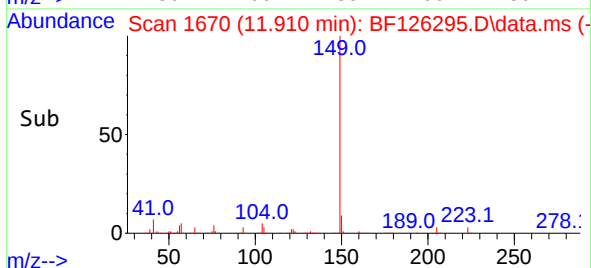
Reviewed By :Jagrut Upadhyay 12/22/2021
 Supervised By :mohammad ahmed 12/27/2021

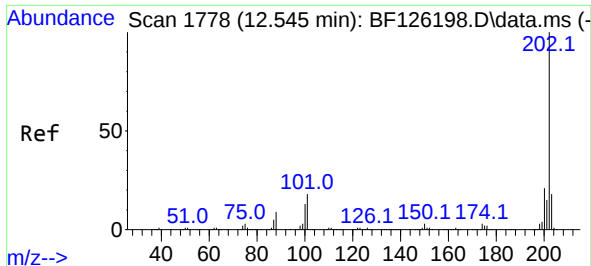


#74
 Di-n-butylphthalate
 Concen: 40.819 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. 0.006 min
 Lab File: BF126295.D
 Acq: 21 Dec 2021 14:18



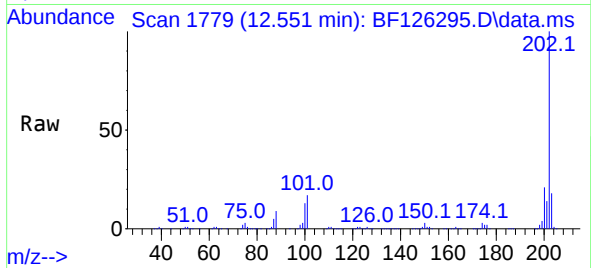
Tgt Ion:149 Resp: 1382155
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 41.188 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

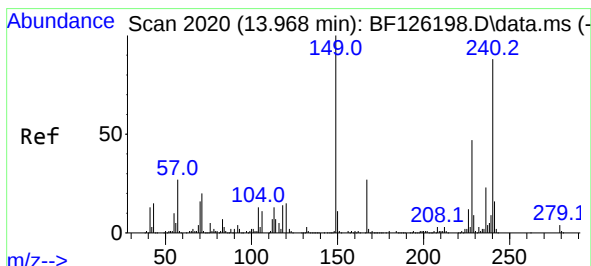
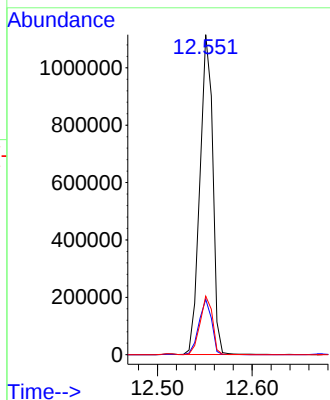
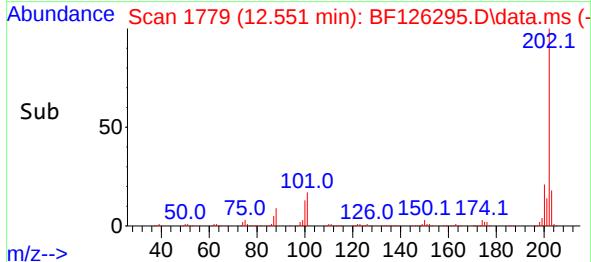
Instrument :
BNA_F
ClientSampleId :
PB141481BS



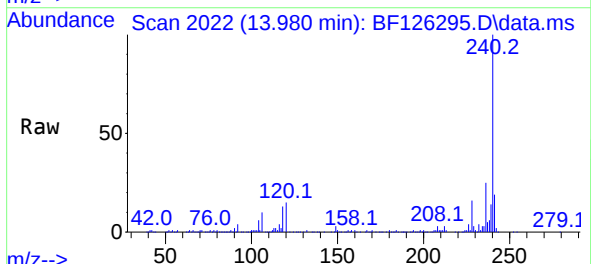
Tgt Ion:202 Resp: 1048629
Ion Ratio Lower Upper
202 100
101 17.3 0.0 30.7
203 18.3 0.0 36.3

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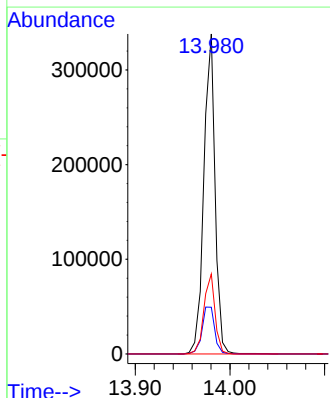
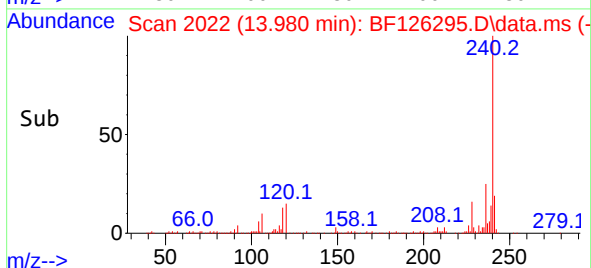
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

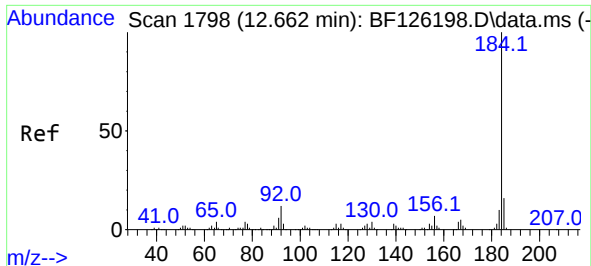


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:240 Resp: 278469
Ion Ratio Lower Upper
240 100
120 14.6 10.8 16.2
236 25.0 21.6 32.4





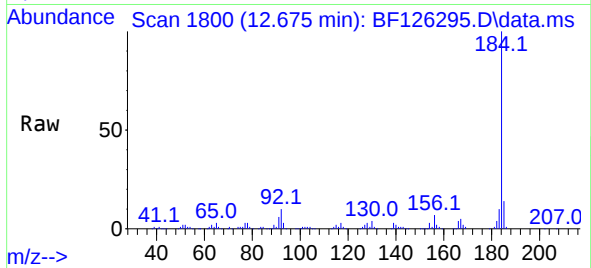
#77
Benzidine
Concen: 78.101 ng
RT: 12.675 min Scan# 1800
Delta R.T. 0.012 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

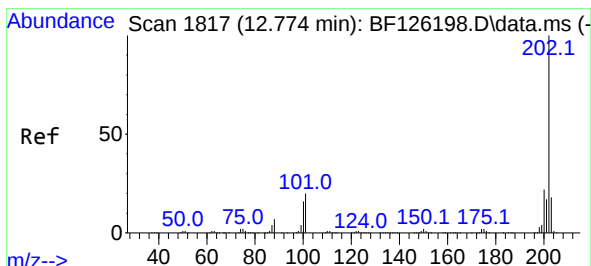
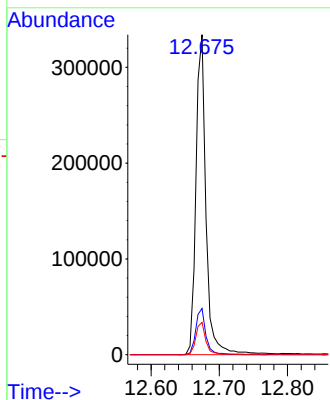
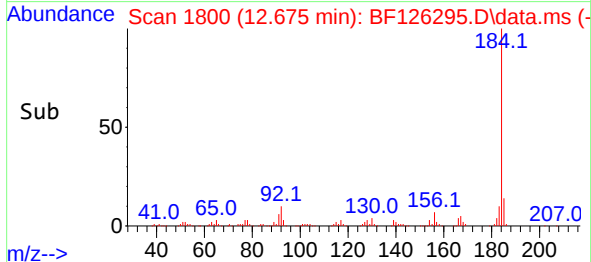


Tgt Ion:184 Resp: 342879
Ion Ratio Lower Upper
184 100
185 14.4 10.8 16.2
183 10.1 8.1 12.1

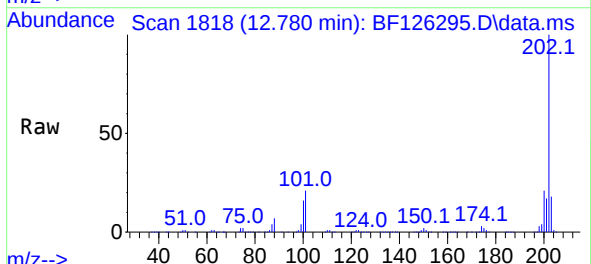
Manual Integrations

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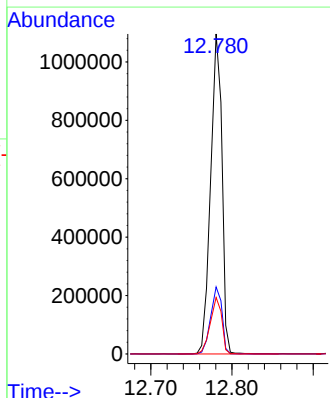
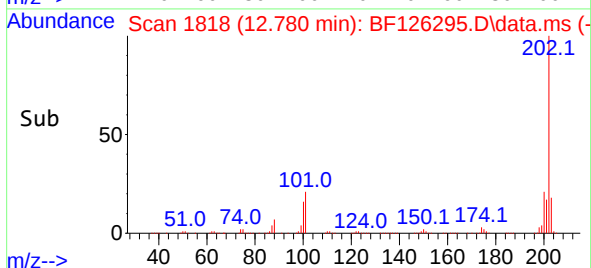
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

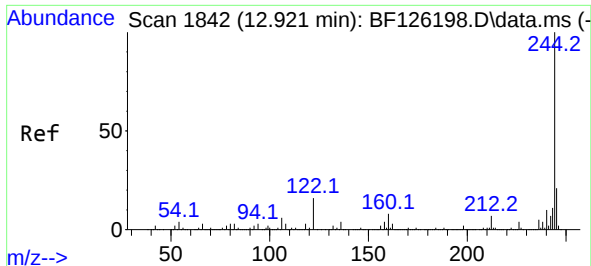


#78
Pyrene
Concen: 41.340 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:202 Resp: 1057635
Ion Ratio Lower Upper
202 100
200 21.0 15.3 22.9
203 17.7 13.4 20.0





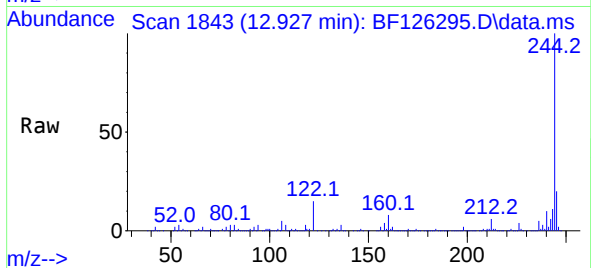
#79
Terphenyl-d14
Concen: 76.608 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

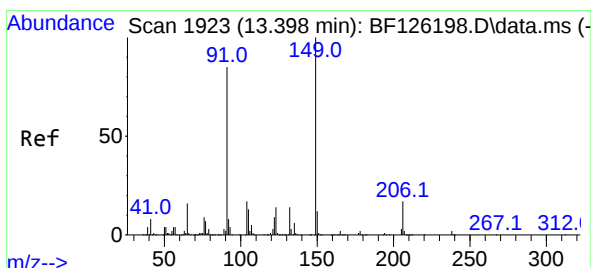
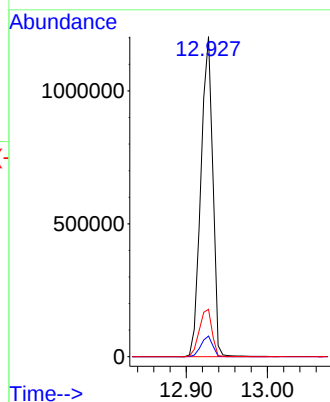
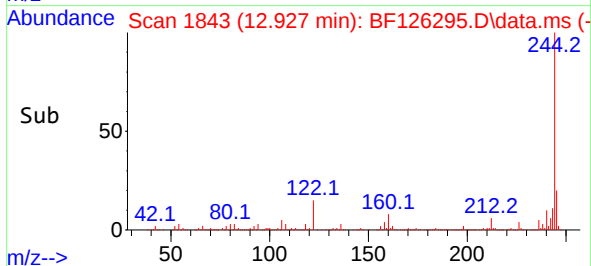


Tgt Ion:244 Resp: 1227364
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 14.8 9.0 13.4

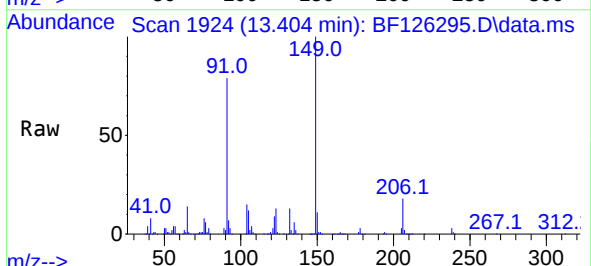
Manual Integrations

APPROVED

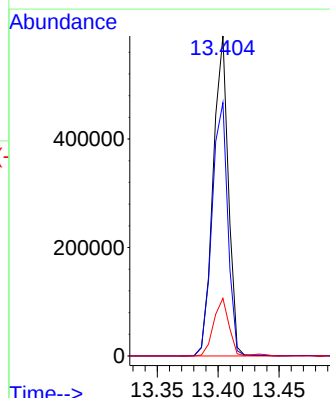
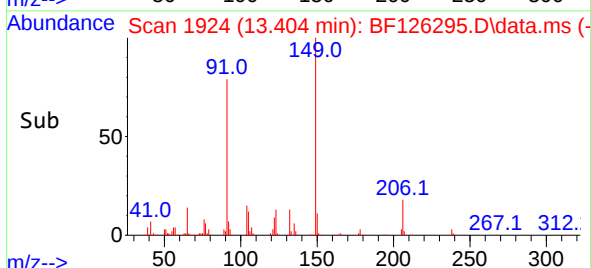
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

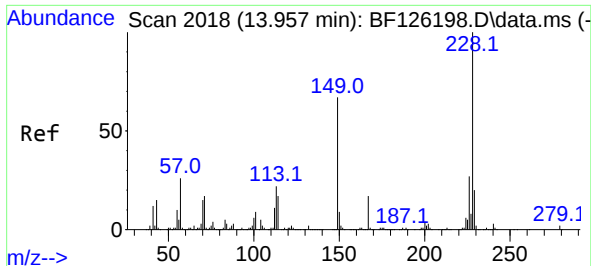


#80
Butylbenzylphthalate
Concen: 42.800 ng
RT: 13.404 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:149 Resp: 515267
Ion Ratio Lower Upper
149 100
91 79.1 51.8 77.8#
206 18.0 14.5 21.7





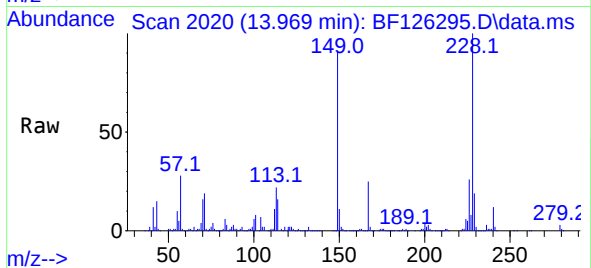
#81
Benzo(a)anthracene
Concen: 38.738 ng
RT: 13.969 min Scan# 2019
Delta R.T. 0.012 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

PB141481BS

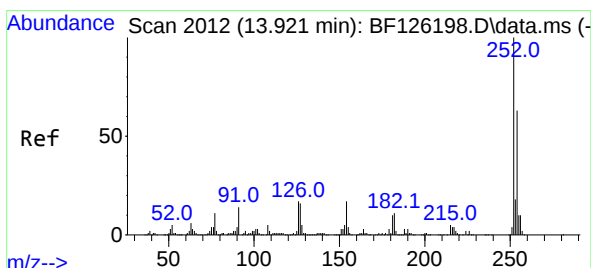
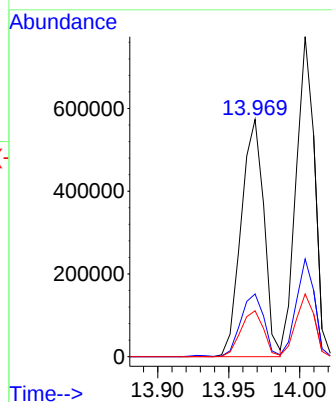
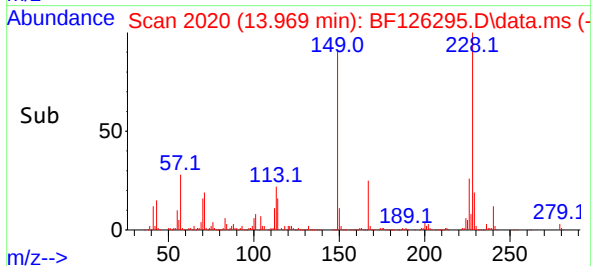


Tgt Ion:228 Resp: 638979
Ion Ratio Lower Upper
228 100
226 26.4 21.6 32.4
229 19.3 15.6 23.4

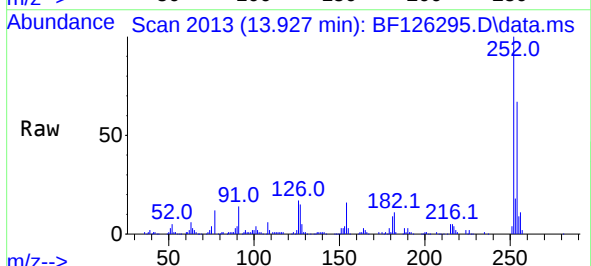
Manual Integrations

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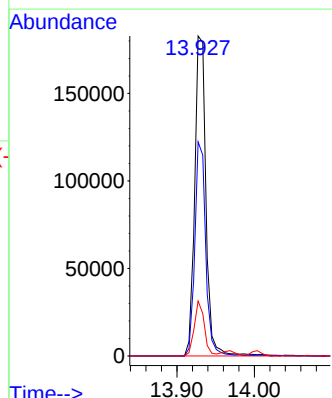
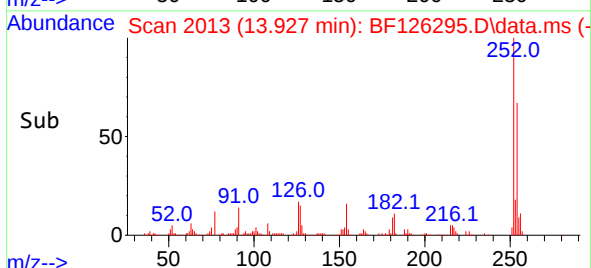
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

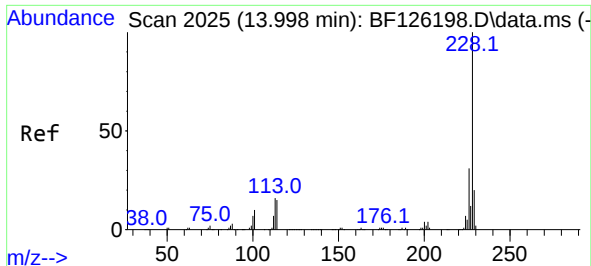


#82
3,3'-Dichlorobenzidine
Concen: 24.571 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



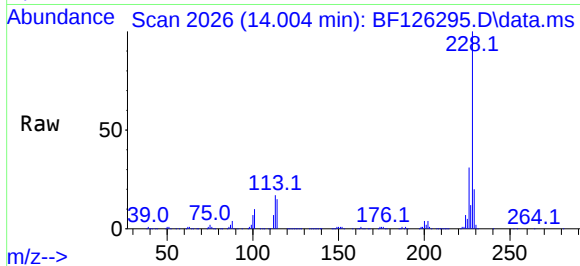
Tgt Ion:252 Resp: 185160
Ion Ratio Lower Upper
252 100
254 66.9 51.4 77.0
126 17.1 9.5 14.3





#83
Chrysene
Concen: 40.883 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

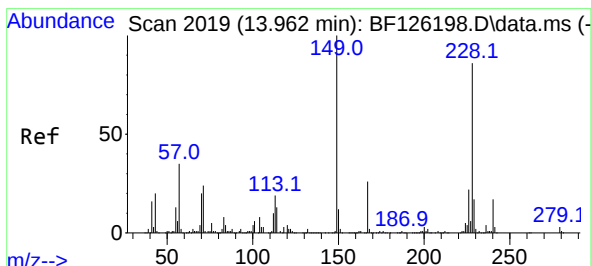
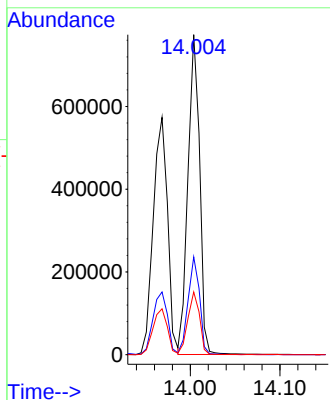
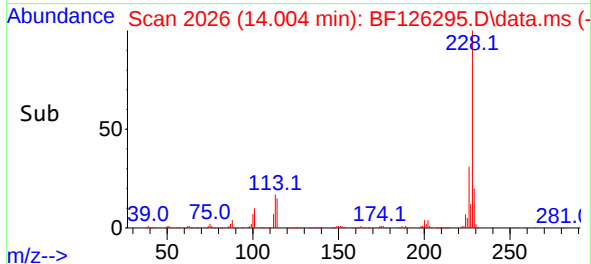
Instrument :
BNA_F
ClientSampleId :
PB141481BS



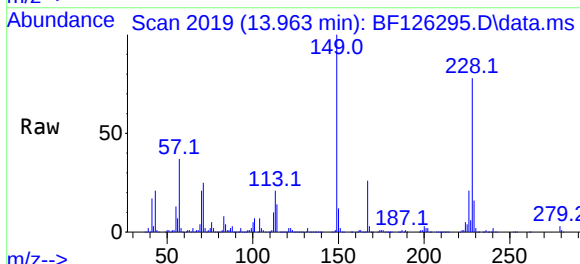
Tgt Ion:228 Resp: 700659
Ion Ratio Lower Upper
228 100
226 30.5 22.6 34.0
229 19.6 15.9 23.9

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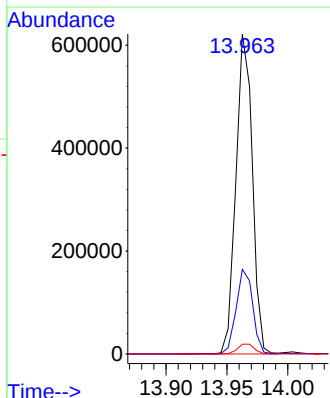
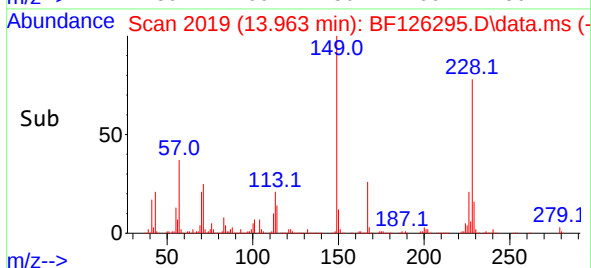
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

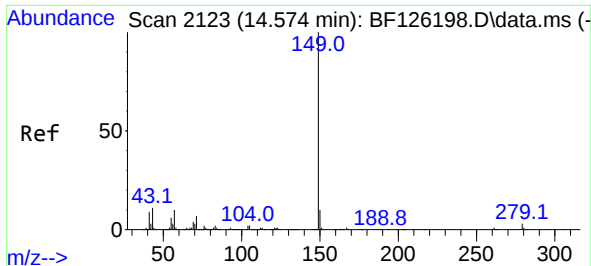


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.286 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



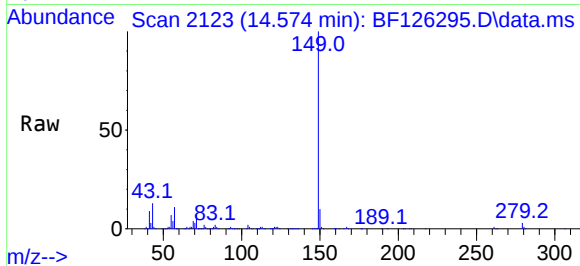
Tgt Ion:149 Resp: 582330
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.0
279 3.1 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 44.264 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

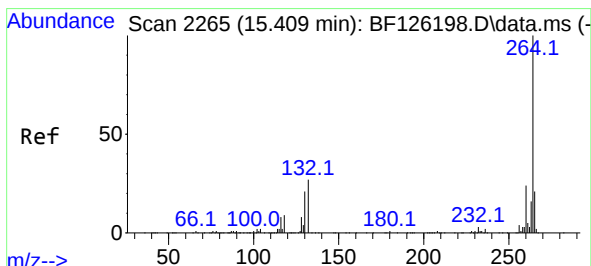
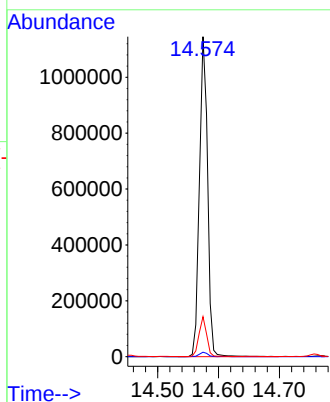
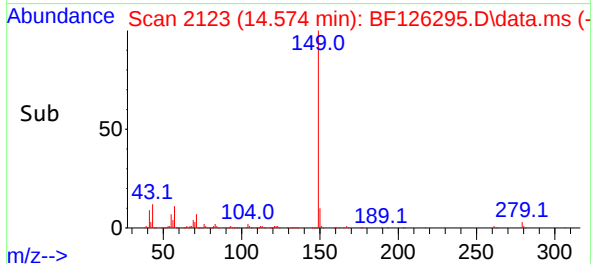
Instrument :
BNA_F
ClientSampleId :
PB141481BS



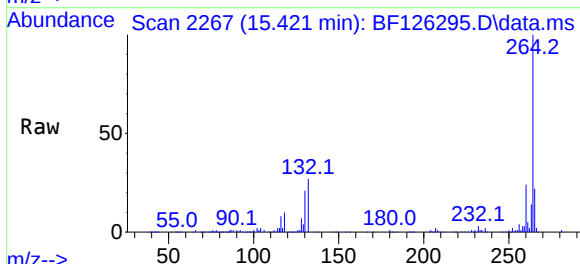
Tgt Ion:149 Resp: 1061550
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 11.7 9.9 14.9

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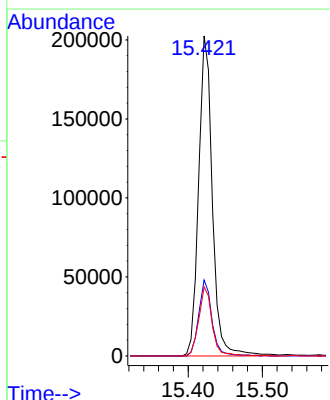
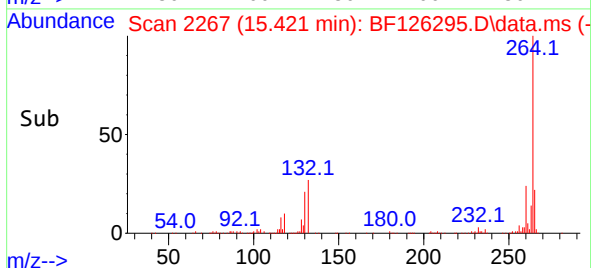
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

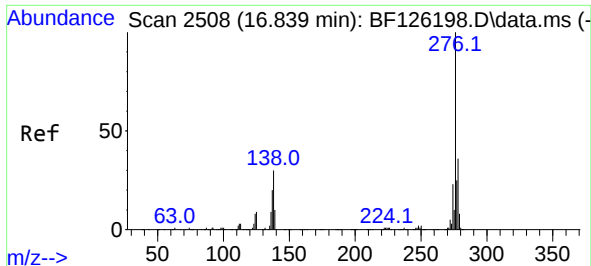


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18



Tgt Ion:264 Resp: 260576
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.6 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.479 ng
RT: 16.857 min Scan# 2111
Delta R.T. 0.018 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

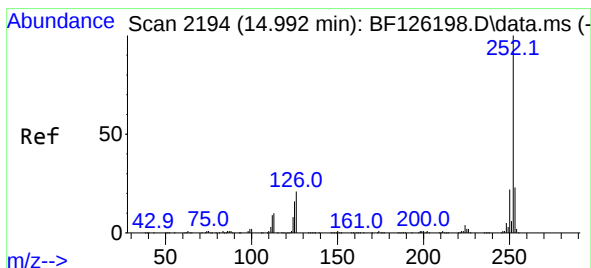
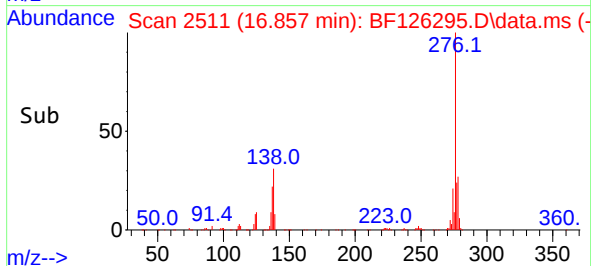
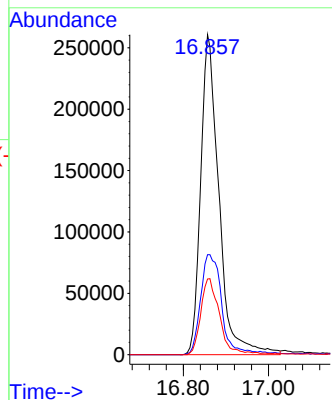
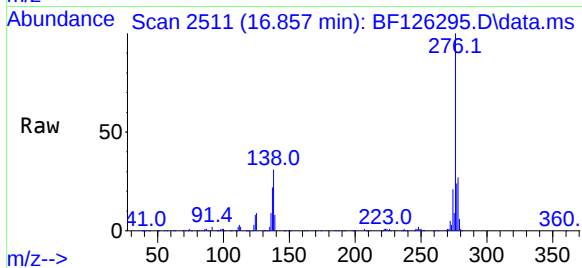
PB141481BS

Tgt Ion:276 Resp: 77307
Ion Ratio Lower Upper
276 100
138 35.8 24.1 36.1
277 24.5 18.8 28.2

Manual Integrations

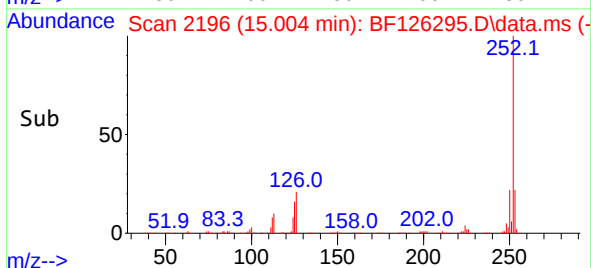
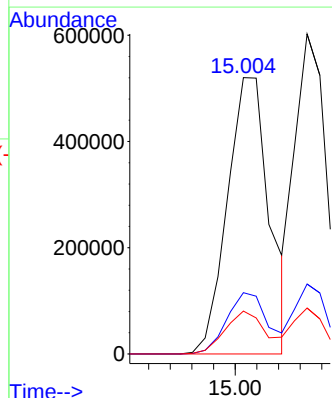
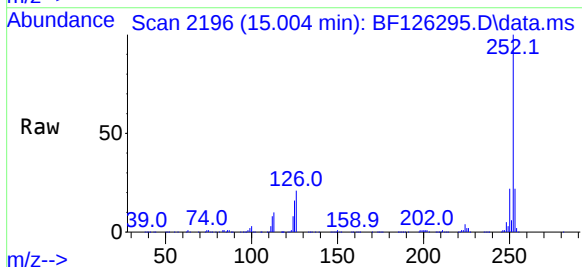
APPROVED

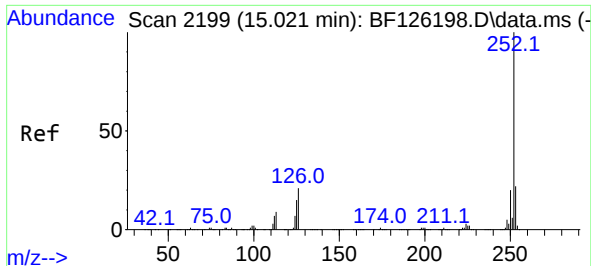
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021



#88
Benzo(b)fluoranthene
Concen: 44.897 ng m
RT: 15.004 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Tgt Ion:252 Resp: 702940
Ion Ratio Lower Upper
252 100
253 22.2 16.8 25.2
125 15.5 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 42.425 ng

RT: 15.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF126295.D

Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

ClientSampleId :

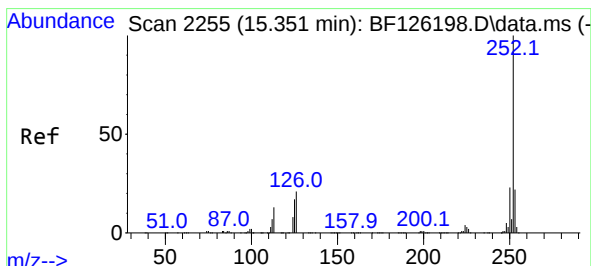
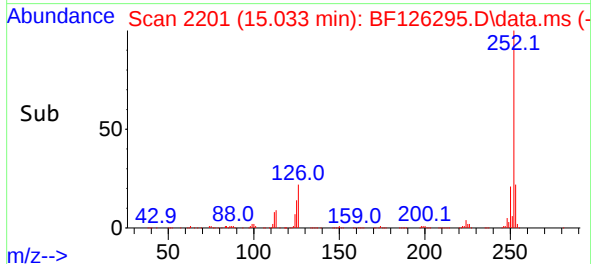
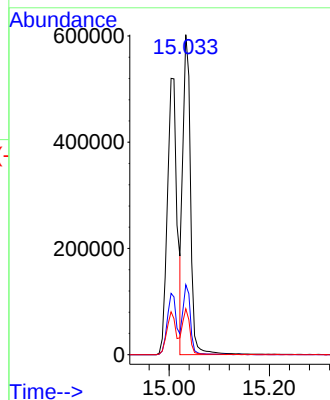
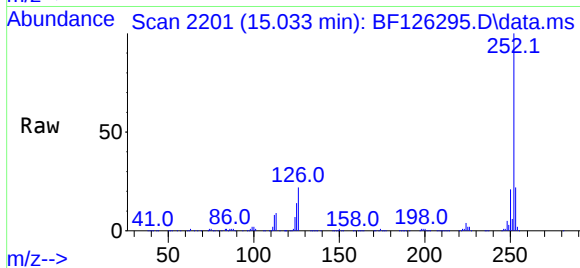
PB141481BS

Tgt Ion:252 Resp: 635424
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.8 26.8
 125 14.3 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: 51.171 ng

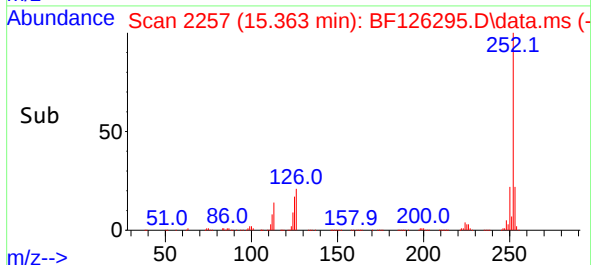
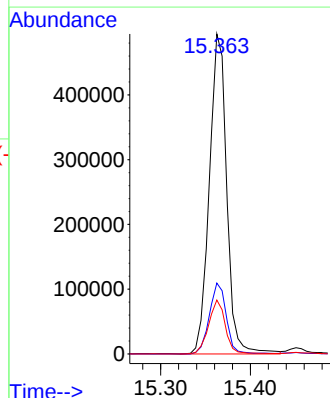
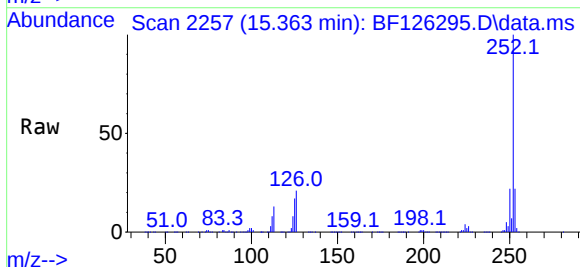
RT: 15.363 min Scan# 2257

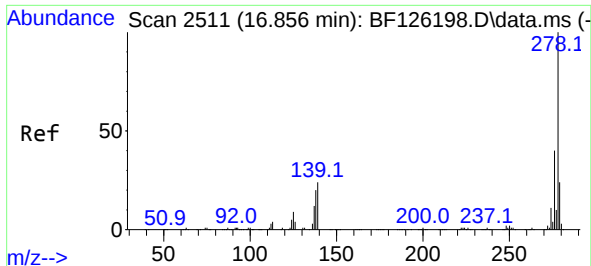
Delta R.T. 0.012 min

Lab File: BF126295.D

Acq: 21 Dec 2021 14:18

Tgt Ion:252 Resp: 665882
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.4 27.6
 125 16.8 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 46.904 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.024 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Instrument :

BNA_F

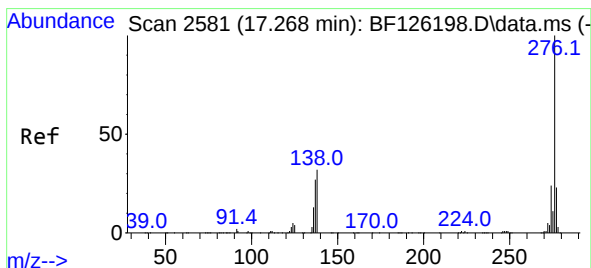
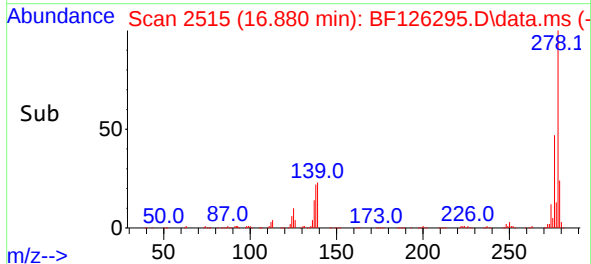
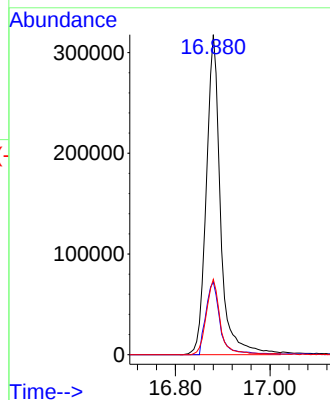
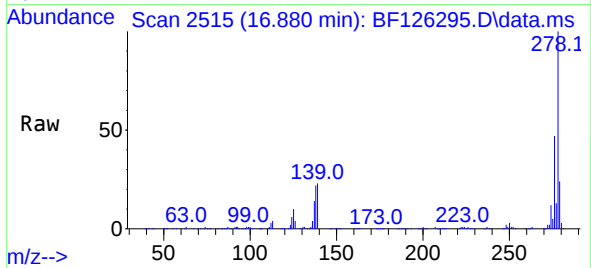
ClientSampleId :

PB141481BS

Tgt Ion:278 Resp: 66270
Ion Ratio Lower Upper
278 100
139 22.8 14.9 22.3
279 23.6 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: 43.527 ng
RT: 17.292 min Scan# 2585
Delta R.T. 0.024 min
Lab File: BF126295.D
Acq: 21 Dec 2021 14:18

Tgt Ion:276 Resp: 636299
Ion Ratio Lower Upper
276 100
277 24.2 22.0 33.0
138 29.4 22.2 33.4

