

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126357.D
 Acq On : 27 Dec 2021 15:49
 Operator : JU/CG
 Sample : PB141652BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141652BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 27 16:48:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	160135	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	758731	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	356469	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	538101	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	274511	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	295894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1192373	109.654	ng	0.00
7) Phenol-d6	6.451	99	1506796	109.132	ng	0.00
23) Nitrobenzene-d5	7.381	82	1115821	79.649	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	328619	114.711	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1464291	72.045	ng	0.00
79) Terphenyl-d14	12.922	244	1173364	74.294	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	159768	30.100	ng	# 100
3) Pyridine	3.346	79	383249	27.188	ng	# 78
4) n-Nitrosodimethylamine	3.299	42	227858	42.059	ng	# 10
6) Aniline	6.475	93	587934	33.523	ng	96
8) 2-Chlorophenol	6.598	128	511409	46.378	ng	93
9) Benzaldehyde	6.357	77	168818	20.262	ng	95
10) Phenol	6.463	94	628707	40.565	ng	97
11) bis(2-Chloroethyl)ether	6.551	93	518230	43.077	ng	99
12) 1,3-Dichlorobenzene	6.751	146	465741	41.870	ng	98
13) 1,4-Dichlorobenzene	6.828	146	480822	42.805	ng	95
14) 1,2-Dichlorobenzene	6.981	146	493386	47.505	ng	96
15) Benzyl Alcohol	6.957	79	441719	43.823	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.092	45	947499	48.128	ng	93
17) 2-Methylphenol	7.069	107	458156	47.428	ng	97
18) Hexachloroethane	7.328	117	211696	47.912	ng	95
19) n-Nitroso-di-n-propyla...	7.234	70	392960	46.361	ng	# 71
20) 3+4-Methylphenols	7.222	107	516141	45.196	ng	# 83
22) Acetophenone	7.228	105	743502	42.579	ng	96
24) Nitrobenzene	7.398	77	605554	43.300	ng	94
25) Isophorone	7.639	82	1126553	42.584	ng	# 89
26) 2-Nitrophenol	7.710	139	295601	46.887	ng	# 81
27) 2,4-Dimethylphenol	7.751	122	508741	47.517	ng	97
28) bis(2-Chloroethoxy)met...	7.845	93	720982	41.451	ng	# 96
29) 2,4-Dichlorophenol	7.957	162	419352	44.064	ng	96
30) 1,2,4-Trichlorobenzene	8.039	180	419294	42.594	ng	99
31) Naphthalene	8.116	128	1470192	41.434	ng	98
32) Benzoic acid	7.898	122	366450	39.729	ng	94
33) 4-Chloroaniline	8.163	127	336796	22.733	ng	98
34) Hexachlorobutadiene	8.239	225	196573	40.659	ng	99
35) Caprolactam	8.545	113	142560m	60.274	ng	
36) 4-Chloro-3-methylphenol	8.651	107	468424	41.726	ng	89
37) 2-Methylnaphthalene	8.810	142	910187	41.653	ng	96
38) 1-Methylnaphthalene	8.910	142	877738	41.391	ng	95
40) 1,2,4,5-Tetrachloroben...	8.981	216	322644	41.937	ng	# 95
41) Hexachlorocyclopentadiene	8.969	237	386375	87.699	ng	94
43) 2,4,6-Trichlorophenol	9.086	196	241142	39.844	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	264855	42.259	ng	96
46) 1,1'-Biphenyl	9.275	154	1090823	41.385	ng	96
47) 2-Chloronaphthalene	9.298	162	806610	40.674	ng	95
48) 2-Nitroaniline	9.392	65	293635	40.567	ng	90
49) Acenaphthylene	9.716	152	1246273	41.128	ng	98
50) Dimethylphthalate	9.581	163	922257	40.843	ng	98
51) 2,6-Dinitrotoluene	9.639	165	206481	42.247	ng	94
52) Acenaphthene	9.886	154	778823	39.632	ng	99
53) 3-Nitroaniline	9.804	138	165526	26.646	ng	# 75
54) 2,4-Dinitrophenol	9.916	184	218304	108.479	ng	# 83
55) Dibenzofuran	10.057	168	1064308	39.779	ng	99
56) 4-Nitrophenol	9.975	139	374061	83.362	ng	81
57) 2,4-Dinitrotoluene	10.045	165	275291	44.156	ng	# 94
58) Fluorene	10.404	166	762201	39.351	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	194981	41.958	ng	# 99
60) Diethylphthalate	10.281	149	891582	39.290	ng	98
61) 4-Chlorophenyl-phenyle...	10.392	204	338725	38.840	ng	97
62) 4-Nitroaniline	10.422	138	240101	46.075	ng	# 73
63) Azobenzene	10.551	77	1045749	38.047	ng	85
65) 4,6-Dinitro-2-methylph...	10.451	198	135902	46.251	ng	91
66) n-Nitrosodiphenylamine	10.516	169	723308	41.884	ng	97
67) 4-Bromophenyl-phenylether	10.880	248	218465	43.259	ng	# 90
68) Hexachlorobenzene	10.951	284	259288	44.641	ng	# 84
69) Atrazine	11.045	200	216353	68.363	ng	95
70) Pentachlorophenol	11.145	266	262545	81.478	ng	93
71) Phenanthrene	11.363	178	1155626	41.610	ng	97
72) Anthracene	11.416	178	1188137	42.622	ng	99
73) Carbazole	11.569	167	1051731	40.063	ng	98
74) Di-n-butylphthalate	11.904	149	1276606	38.360	ng	99
75) Fluoranthene	12.551	202	1019655	40.749	ng	94
77) Benzidine	12.669	184	381083	88.055	ng	98
78) Pyrene	12.780	202	1025584	40.666	ng	97
80) Butylbenzylphthalate	13.398	149	430845	36.303	ng	# 82
81) Benzo(a)anthracene	13.963	228	643697	39.586	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	204962	27.591	ng	# 99
83) Chrysene	14.004	228	687240	40.678	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	471066	35.520	ng	99
85) Di-n-octyl phthalate	14.574	149	911743	38.565	ng	98
87) Indeno(1,2,3-cd)pyrene	16.857	276	914278	46.324	ng	94
88) Benzo(b)fluoranthene	15.004	252	820203	46.134	ng	97
89) Benzo(k)fluoranthene	15.033	252	685369	40.298	ng	# 96
90) Benzo(a)pyrene	15.363	252	759158	51.376	ng	# 96
91) Dibenzo(a,h)anthracene	16.880	278	765560	47.717	ng	97
92) Benzo(g,h,i)perylene	17.298	276	830975	50.059	ng	94

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

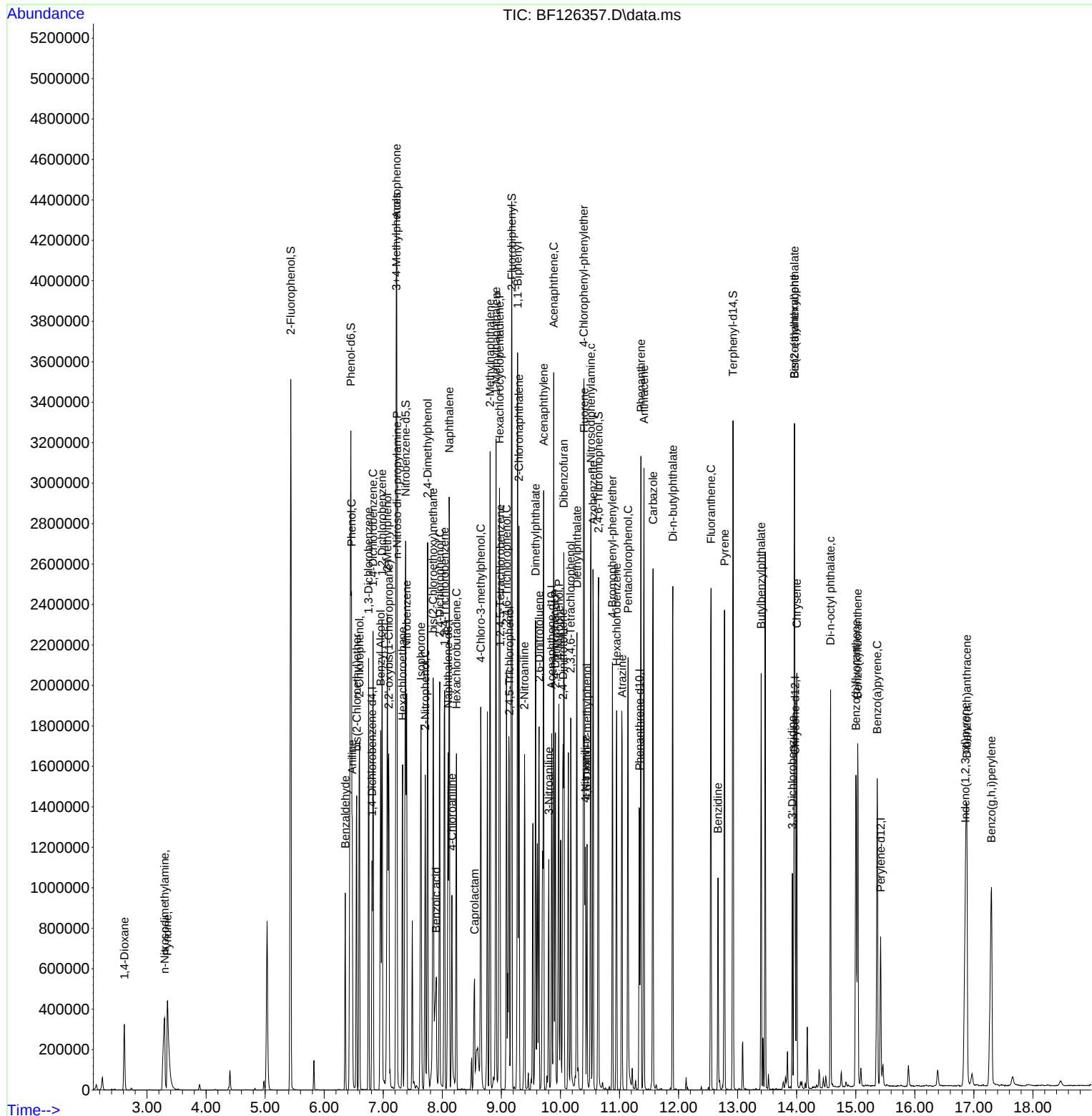
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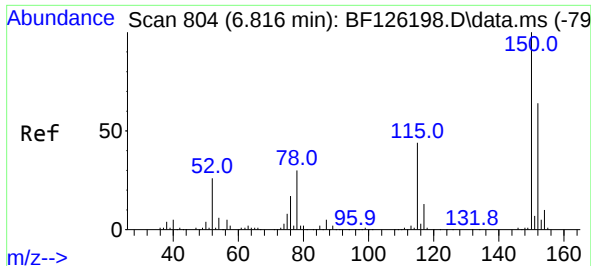
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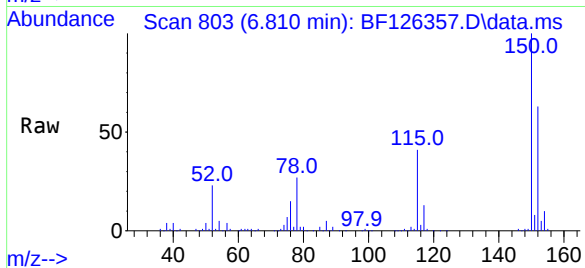
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

PB141652BS

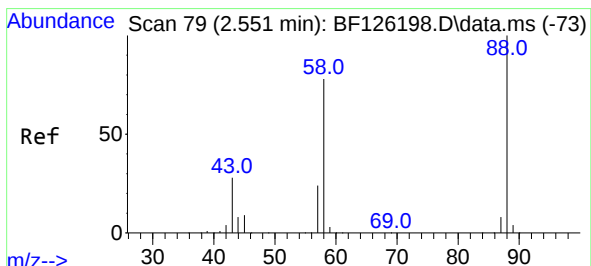
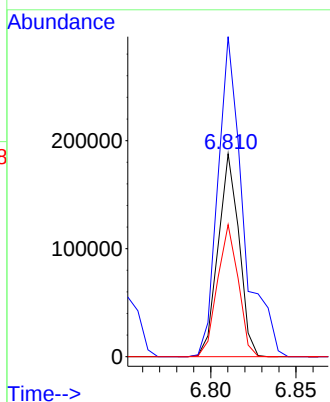
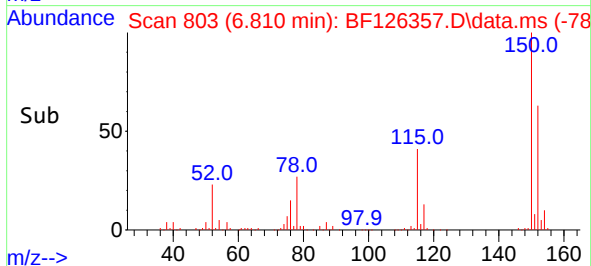


Tgt Ion:152 Resp: 160135
Ion Ratio Lower Upper
152 100
150 157.7 117.6 176.4
115 65.1 47.1 70.7

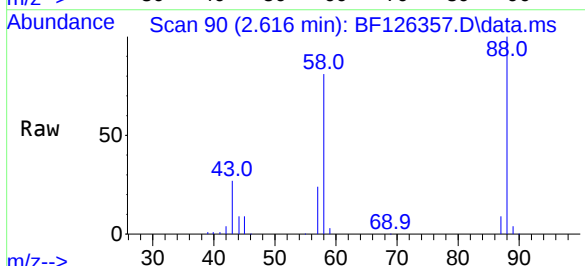
Manual Integrations

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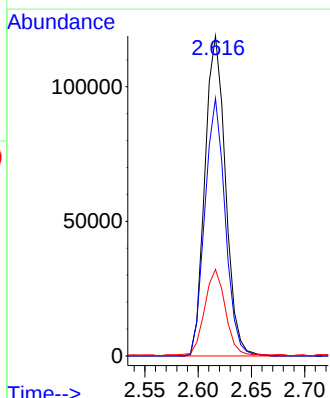
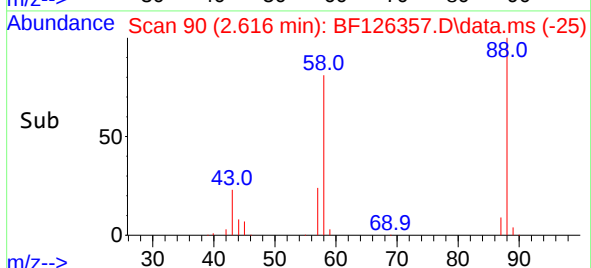
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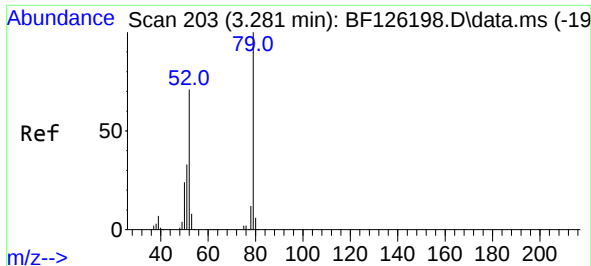


#2
1,4-Dioxane
Concen: 30.100 ng
RT: 2.616 min Scan# 90
Delta R.T. 0.082 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



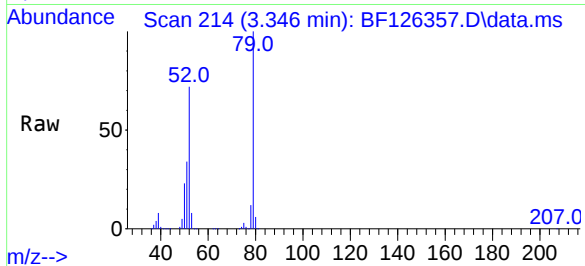
Tgt Ion: 88 Resp: 159768
Ion Ratio Lower Upper
88 100
58 79.6 0.0 0.0#
43 28.3 0.0 0.0#





#3
Pyridine
Concen: 27.188 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.077 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

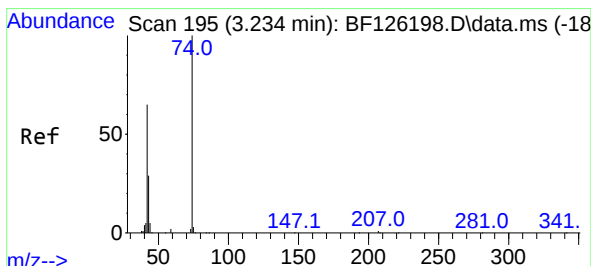
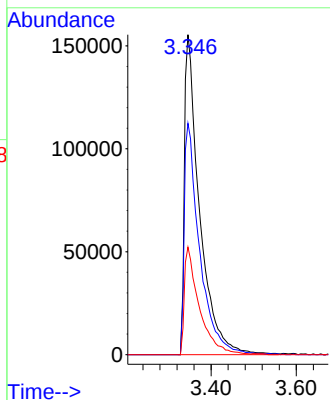
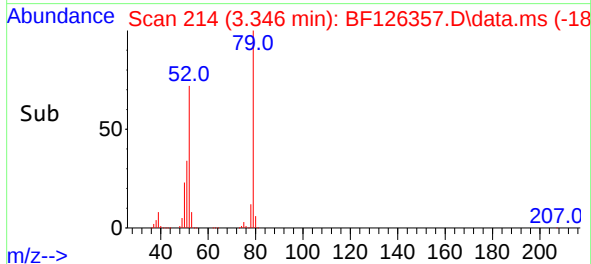
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ClientSampleId :
PB141652BS



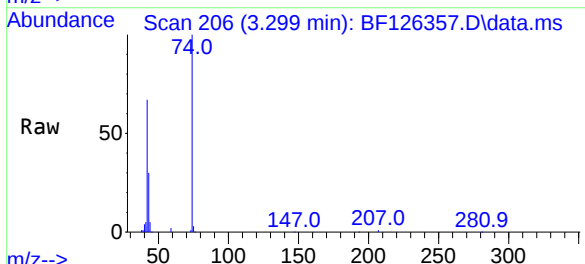
Tgt Ion: 79 Resp: 383249
Ion Ratio Lower Upper
79 100
52 72.3 70.3 105.5
51 33.6 44.1 66.1

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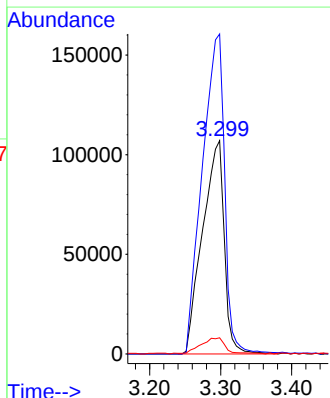
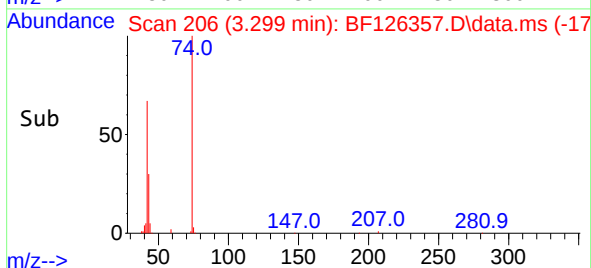
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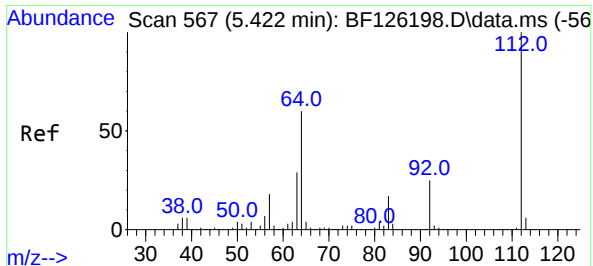


#4
n-Nitrosodimethylamine
Concen: 42.059 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.082 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion: 42 Resp: 227858
Ion Ratio Lower Upper
42 100
74 150.0 59.0 88.6#
44 7.6 0.0 0.0#





#5
2-Fluorophenol
Concen: 109.654 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

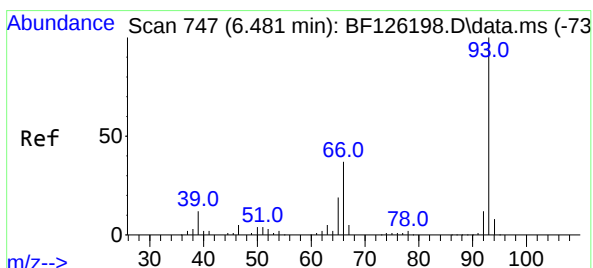
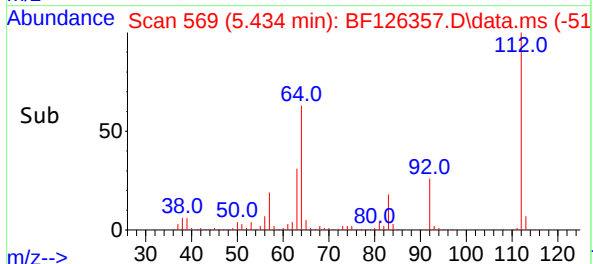
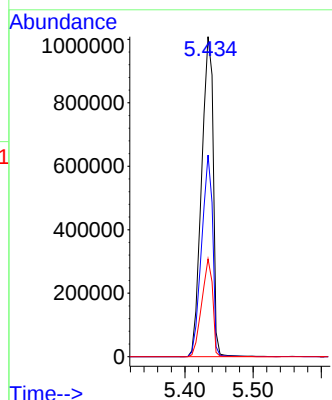
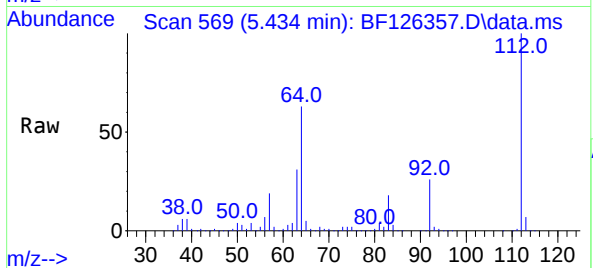
PB141652BS

Tgt Ion:112 Resp: 119237
Ion Ratio Lower Upper
112 100
64 63.0 44.2 66.2
63 30.5 26.2 39.2

Manual Integrations

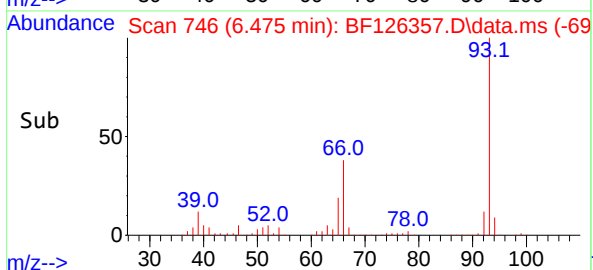
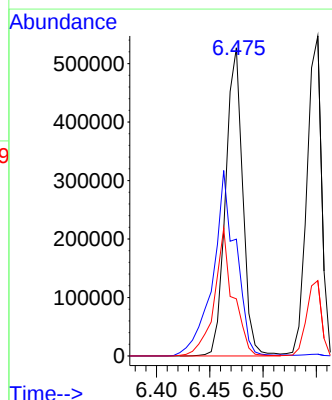
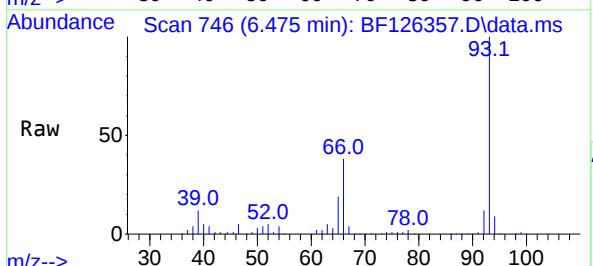
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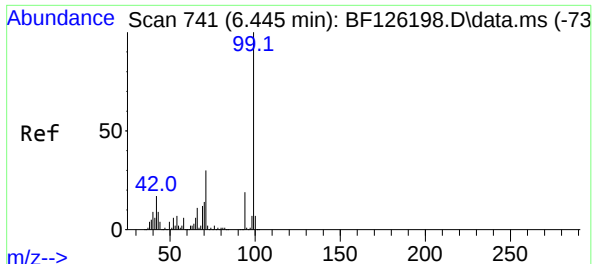
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#6
Aniline
Concen: 33.523 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

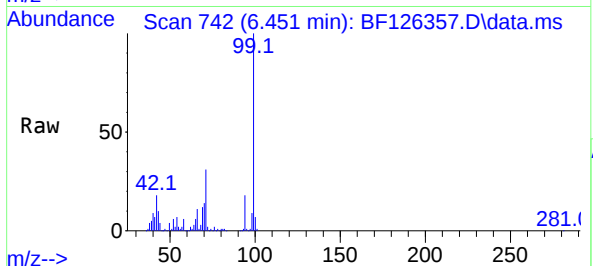
Tgt Ion: 93 Resp: 587934
Ion Ratio Lower Upper
93 100
66 37.9 32.7 49.1
65 18.5 14.2 21.4





#7
Phenol-d6
Concen: 109.132 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF126357.D
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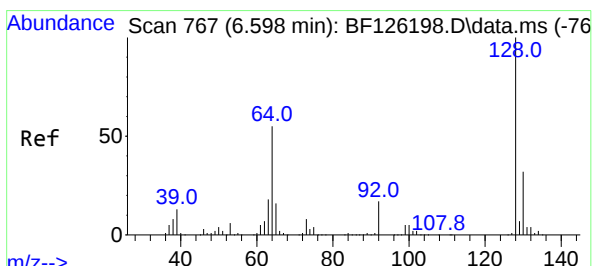
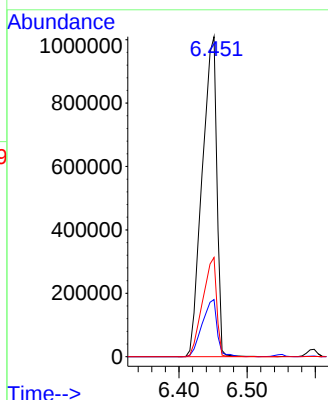
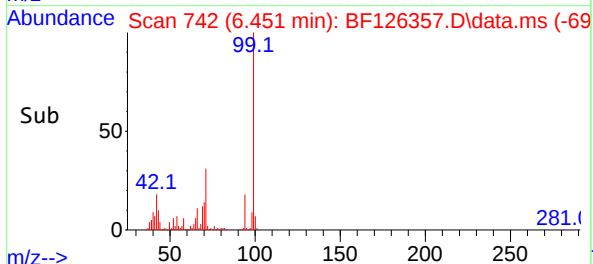
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Tgt Ion: 99 Resp: 1506790
Ion Ratio Lower Upper
99 100
42 17.9 23.5 35.3
71 31.0 25.6 38.4

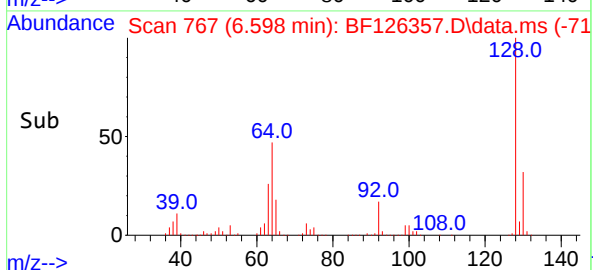
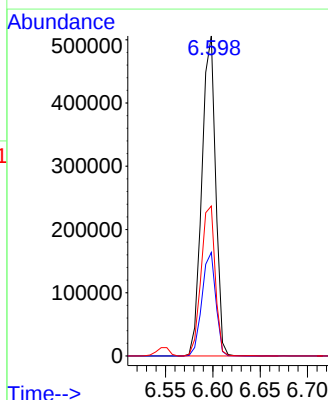
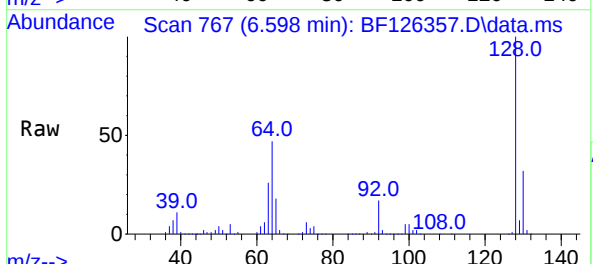
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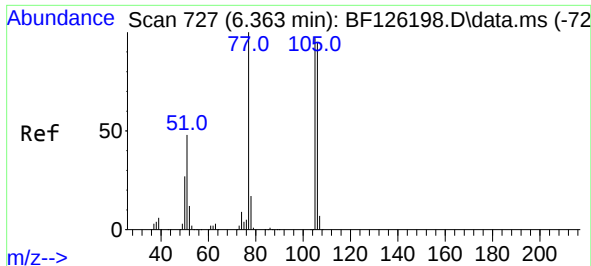
Reviewed By :Jagrut Upadhyay 12/28/2021
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#8
2-Chlorophenol
Concen: 46.378 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF126357.D
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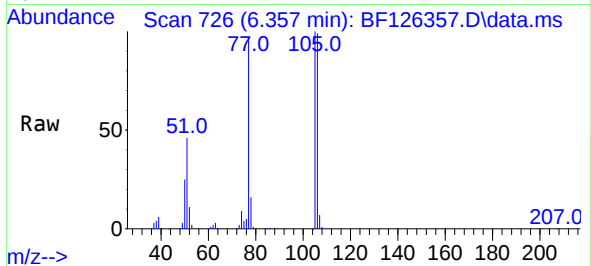
Tgt Ion:128 Resp: 511409
Ion Ratio Lower Upper
128 100
130 32.4 10.5 50.5
64 46.8 20.3 60.3





#9
Benzaldehyde
Concen: 20.262 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
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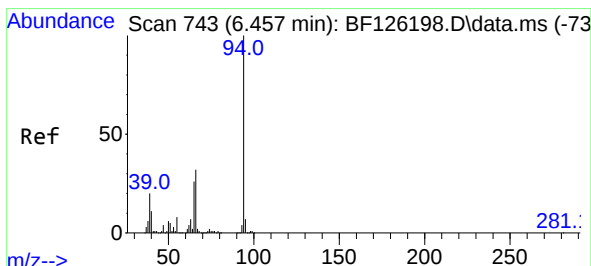
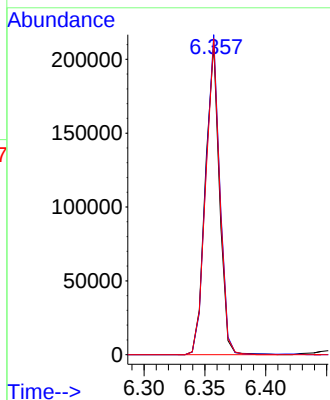
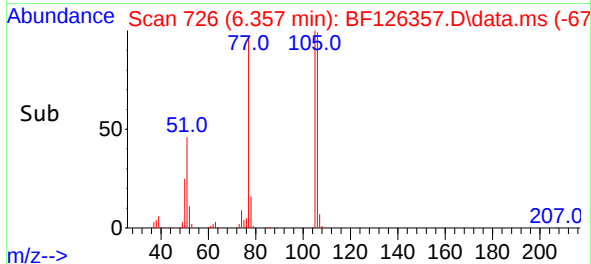
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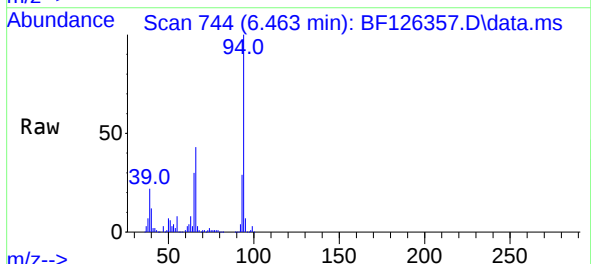
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Ion Ratio Lower Upper
77 100
105 103.2 75.9 115.9
106 101.9 84.0 124.0

Manual Integrations
APPROVED

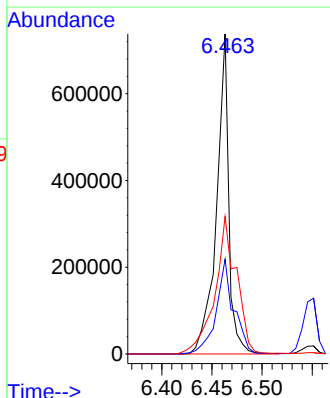
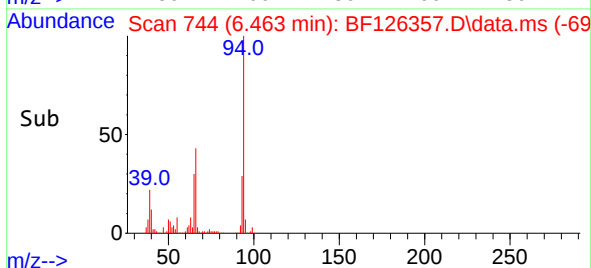
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

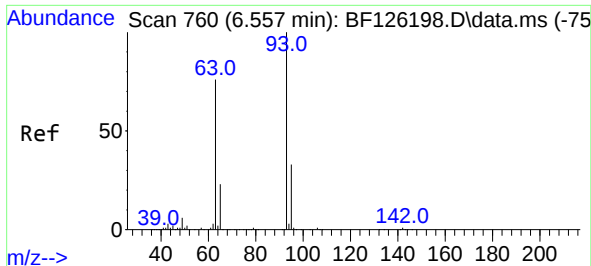


#10
Phenol
Concen: 40.565 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion: 94 Resp: 628707
Ion Ratio Lower Upper
94 100
65 29.6 9.3 49.3
66 43.0 20.3 60.3





#11
bis(2-Chloroethyl)ether
Concen: 43.077 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

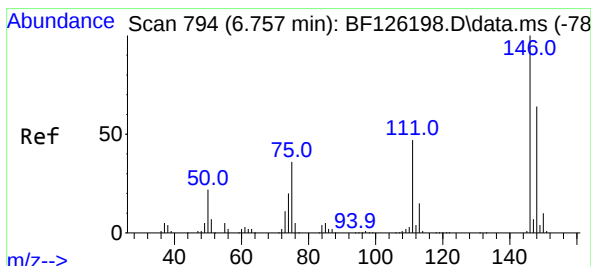
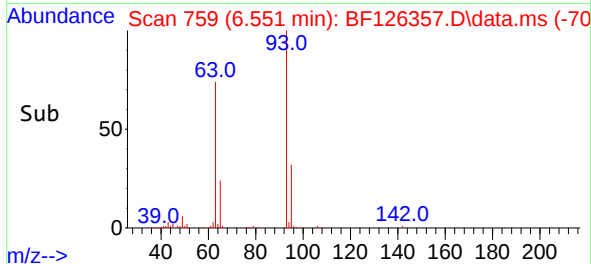
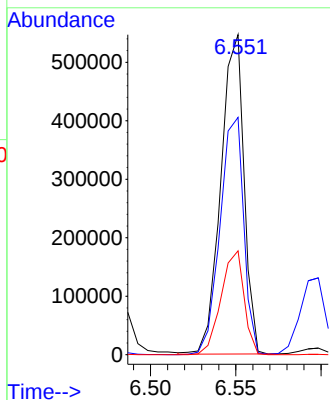
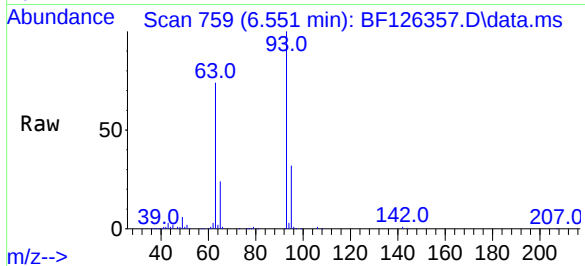
ClientSampleId :

PB141652BS

Tgt Ion: 93 Resp: 518230
Ion Ratio Lower Upper
93 100
63 74.2 54.4 94.4
95 32.5 11.4 51.4

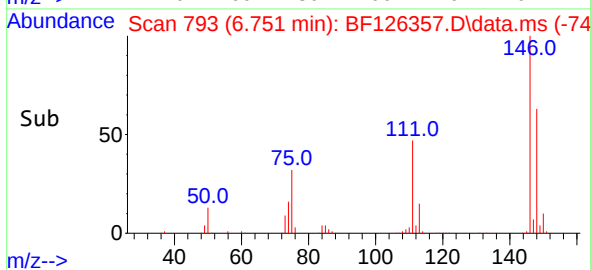
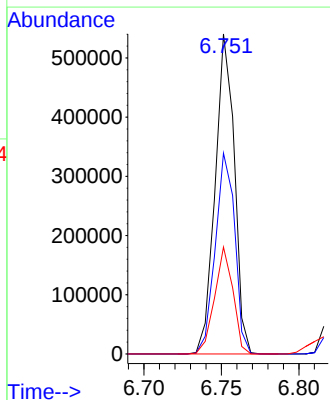
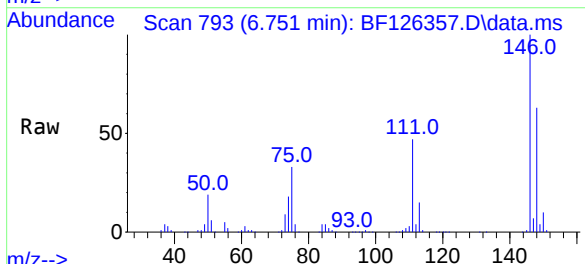
Manual Integrations
APPROVED

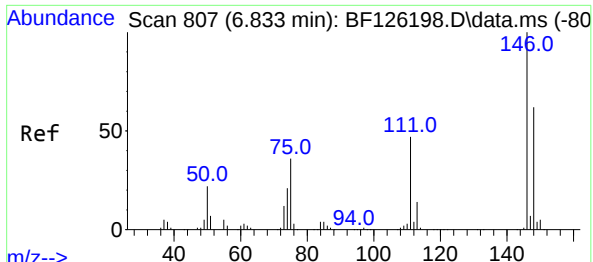
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#12
1,3-Dichlorobenzene
Concen: 41.870 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

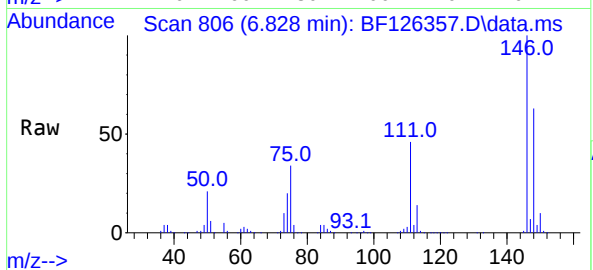
Tgt Ion:146 Resp: 465741
Ion Ratio Lower Upper
146 100
148 62.8 49.7 74.5
75 33.4 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 42.805 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

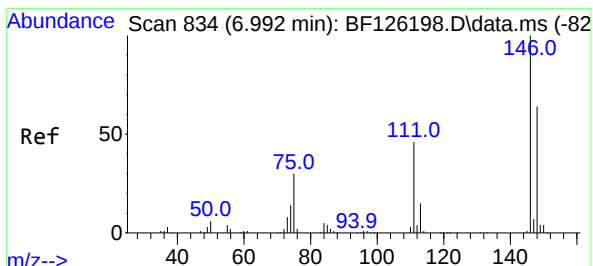
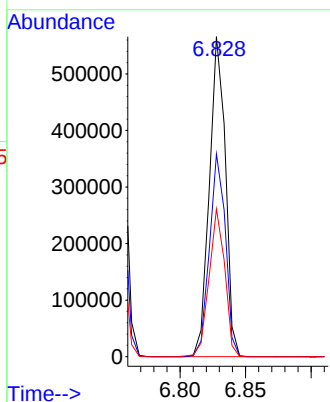
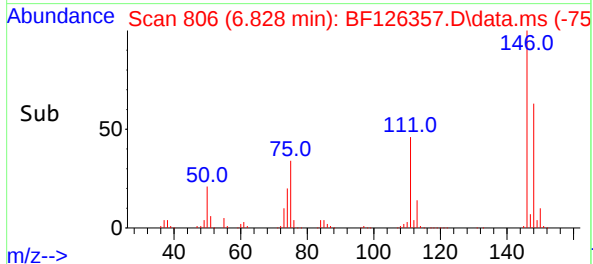
Instrument :
BNA_F
ClientSampleId :
PB141652BS



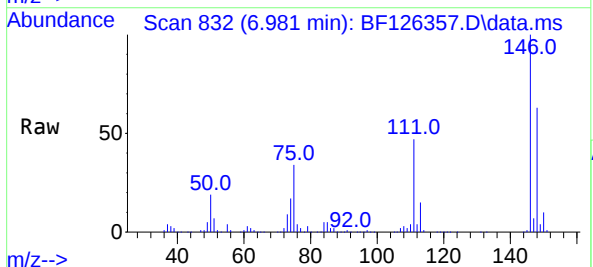
Tgt Ion:146 Resp: 480822
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
111 46.2 31.8 47.6

Manual Integrations
APPROVED

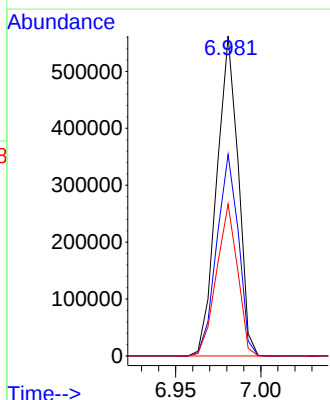
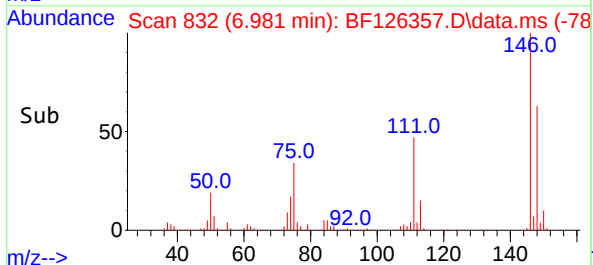
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

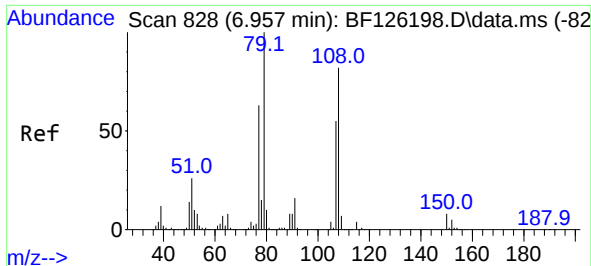


#14
1,2-Dichlorobenzene
Concen: 47.505 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



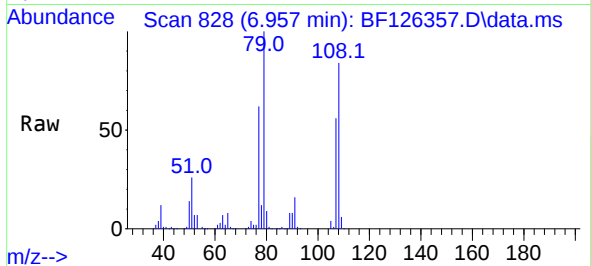
Tgt Ion:146 Resp: 493386
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
111 47.5 33.5 50.3





#15
Benzyl Alcohol
Concen: 43.823 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

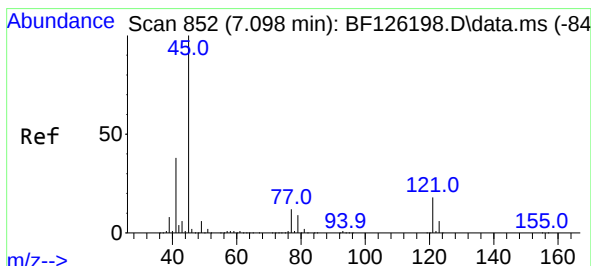
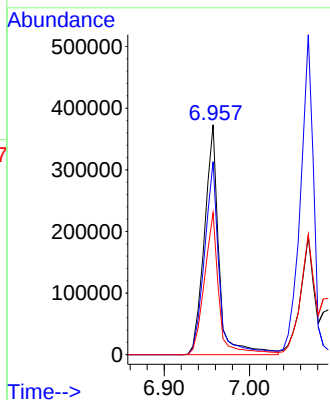
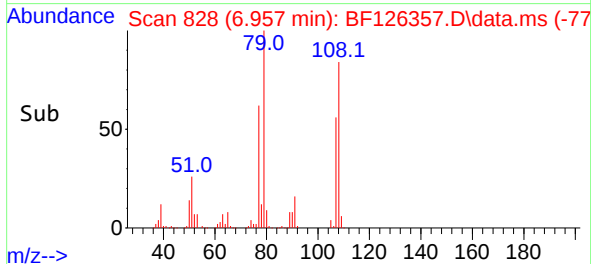
Instrument :
BNA_F
ClientSampleId :
PB141652BS



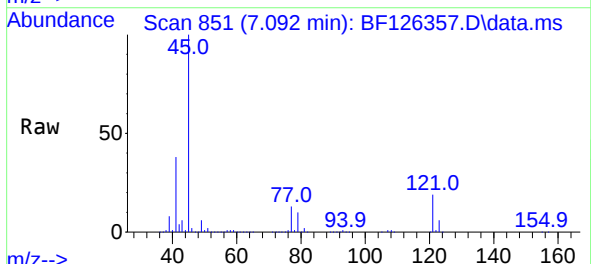
Tgt Ion: 79 Resp: 441719
Ion Ratio Lower Upper
79 100
108 83.9 60.4 90.6
77 61.7 51.5 77.3

Manual Integrations
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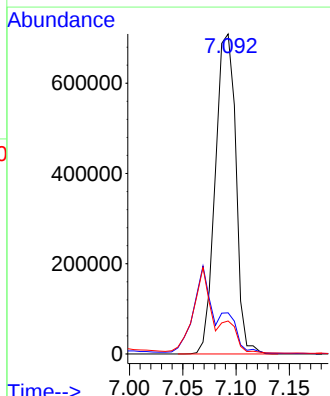
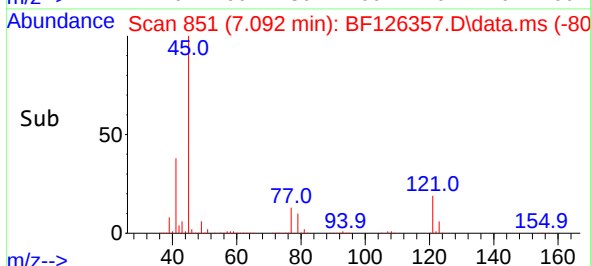
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

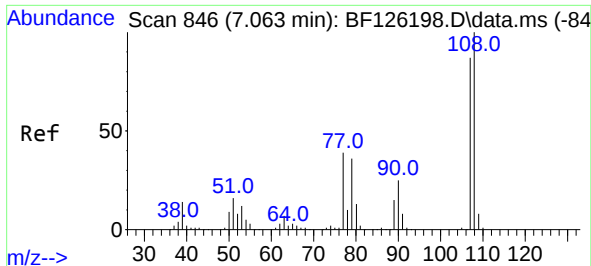


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.128 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion: 45 Resp: 947499
Ion Ratio Lower Upper
45 100
77 12.9 0.0 30.6
79 10.3 0.0 27.5





#17
2-Methylphenol
Concen: 47.428 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

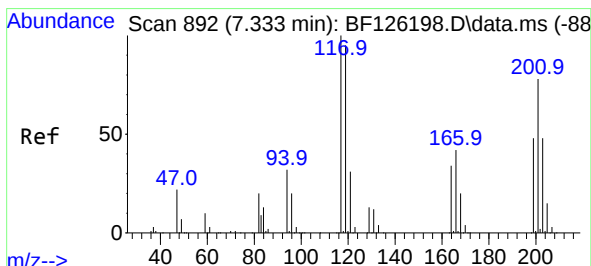
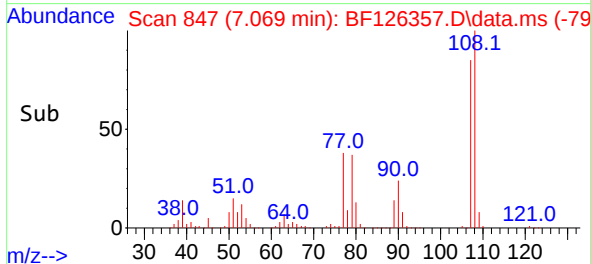
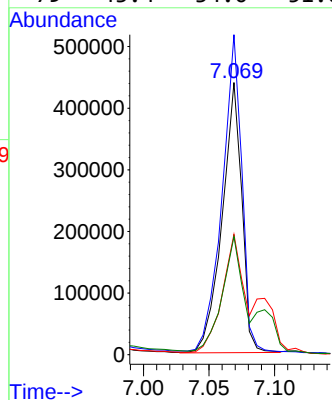
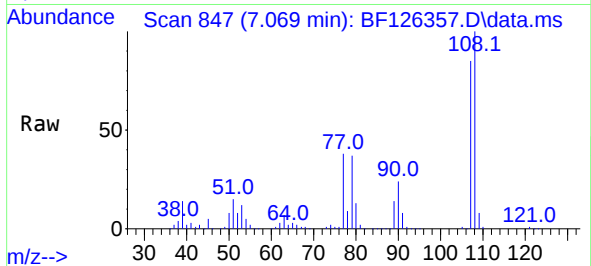
PB141652BS

Tgt Ion:107 Resp: 458150
Ion Ratio Lower Upper
107 100
108 117.6 90.6 135.8
77 44.2 35.7 53.5
79 43.4 34.0 51.0

Manual Integrations

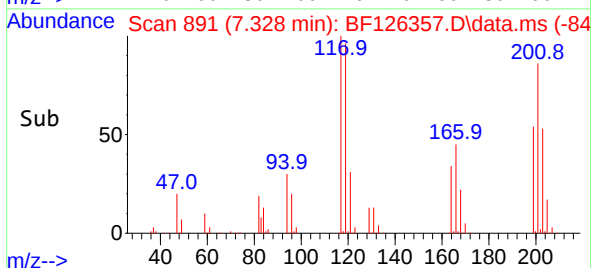
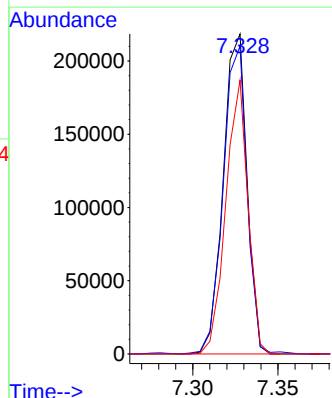
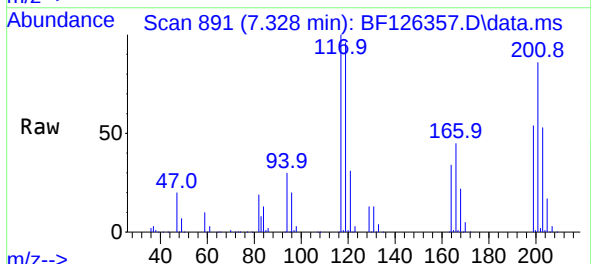
APPROVED

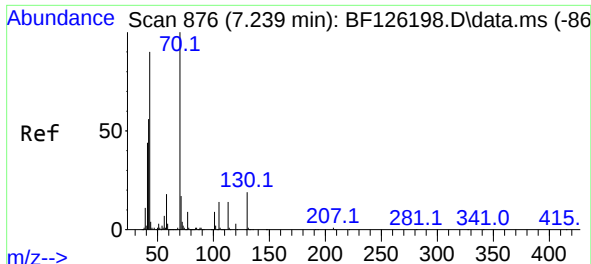
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#18
Hexachloroethane
Concen: 47.912 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:117 Resp: 211696
Ion Ratio Lower Upper
117 100
119 96.2 73.4 110.2
201 85.6 64.9 97.3





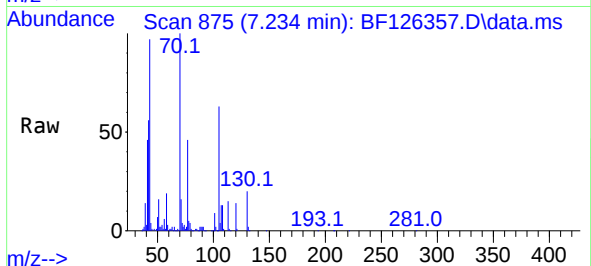
#19
n-Nitroso-di-n-propylamine
Concen: 46.361 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

PB141652BS

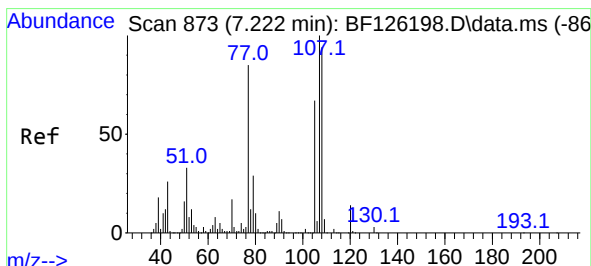
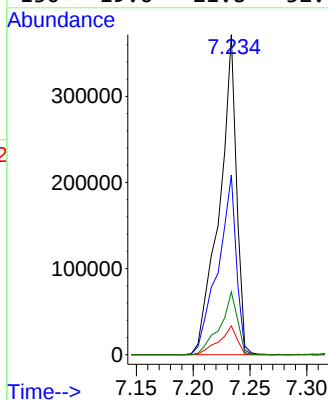
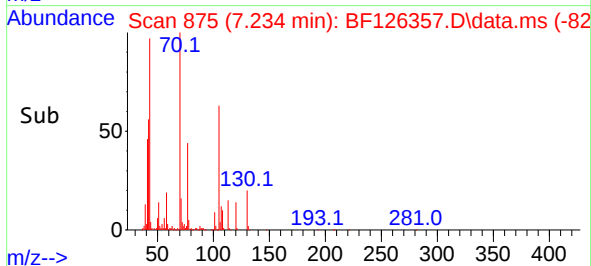


Tgt Ion: 70 Resp: 392960
Ion Ratio Lower Upper
70 100
42 56.1 72.2 108.2
101 9.0 7.8 11.8
130 19.6 21.8 32.6#

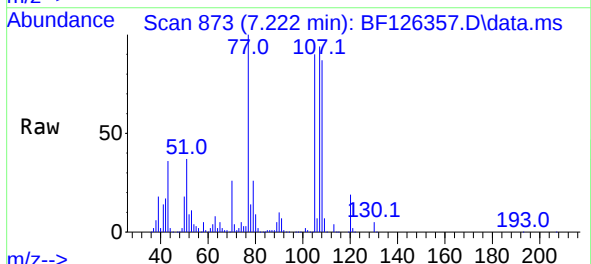
Manual Integrations

APPROVED

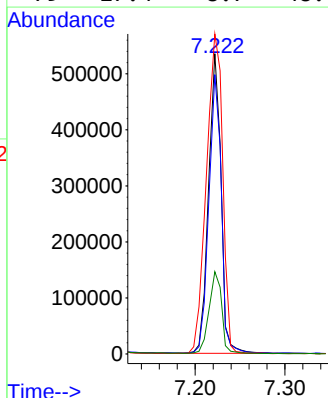
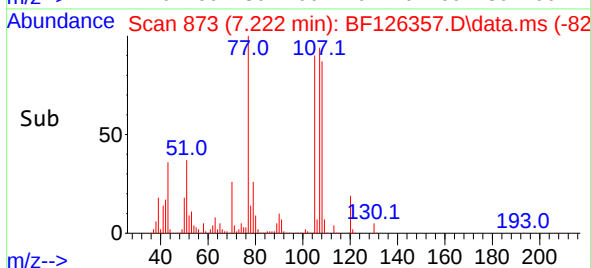
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

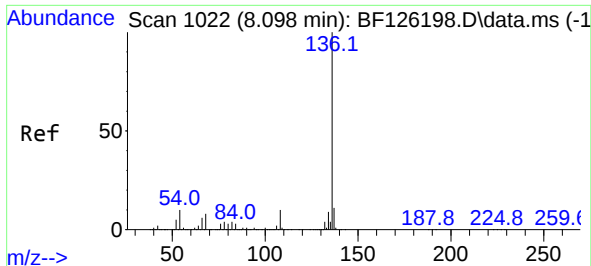


#20
3+4-Methylphenols
Concen: 45.196 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion:107 Resp: 516141
Ion Ratio Lower Upper
107 100
108 93.0 76.6 116.6
77 106.5 53.3 93.3#
79 27.4 8.7 48.7





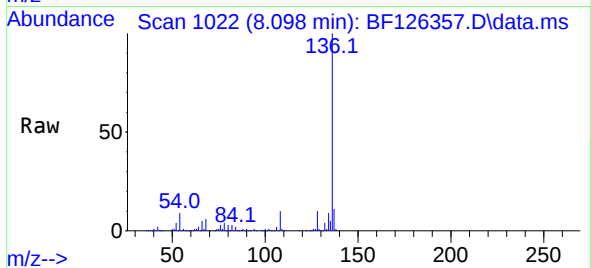
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

PB141652BS

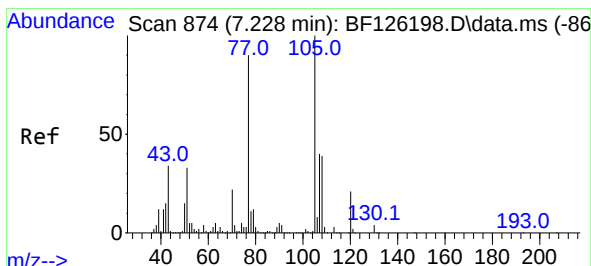
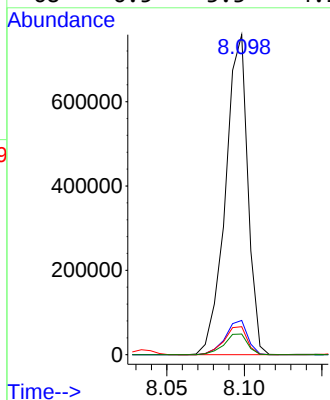
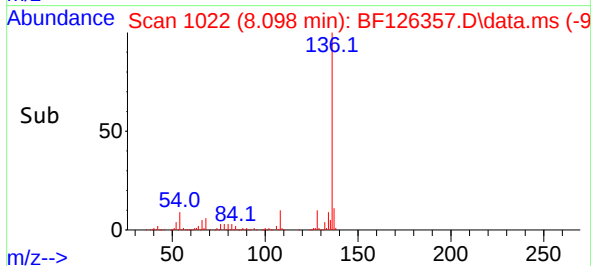


Tgt Ion:136 Resp: 758733
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 8.8 6.4 9.6
68 6.5 3.3 4.9#

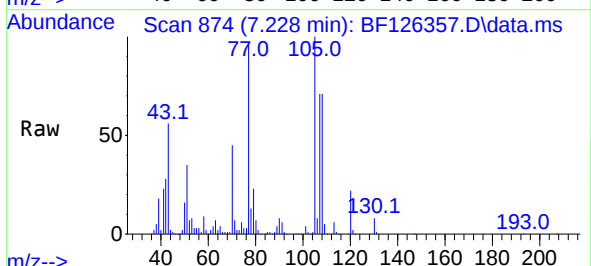
Manual Integrations

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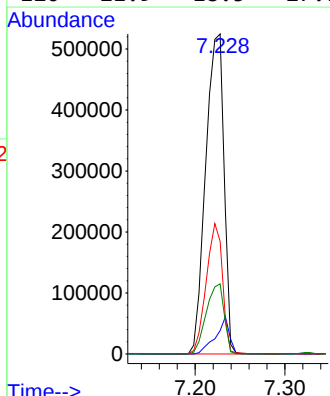
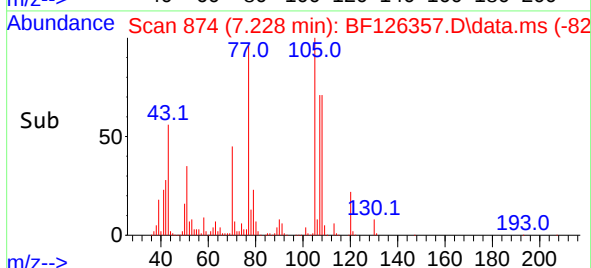
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

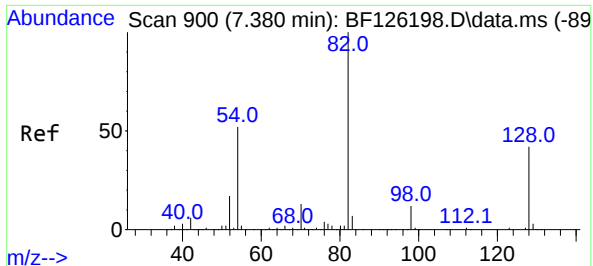


#22
Acetophenone
Concen: 42.579 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion:105 Resp: 743502
Ion Ratio Lower Upper
105 100
71 7.3 5.5 8.3
51 35.2 26.0 39.0
120 21.9 18.5 27.7





#23

Nitrobenzene-d5

Concen: 79.649 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126357.D

Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

PB141652BS

Tgt Ion: 82 Resp: 111582

Ion Ratio Lower Upper

82 100

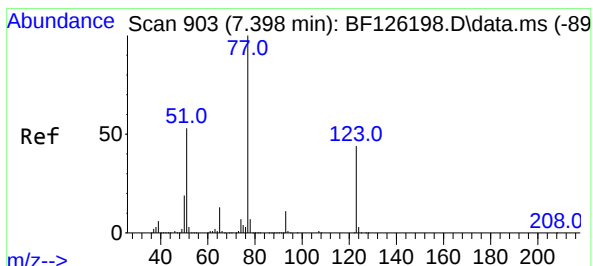
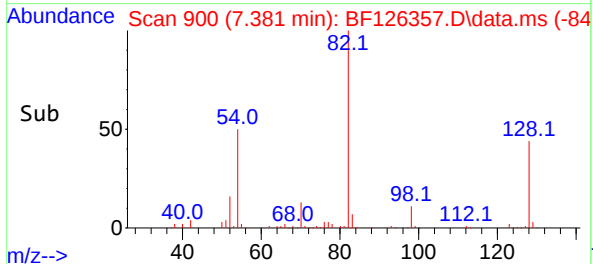
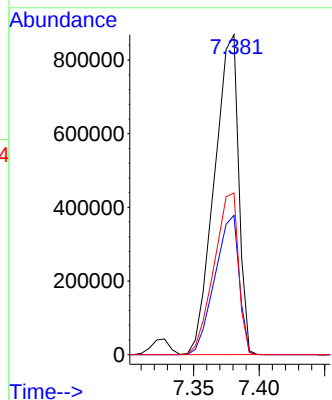
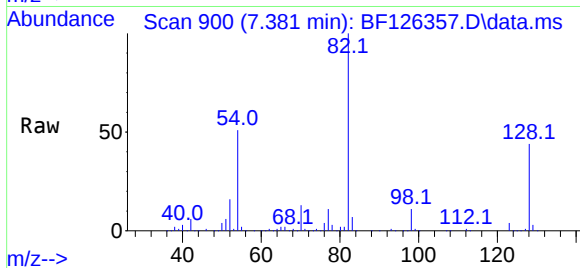
128 43.5 40.6 60.8

54 50.6 49.6 74.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#24

Nitrobenzene

Concen: 43.300 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF126357.D

Acq: 27 Dec 2021 15:49

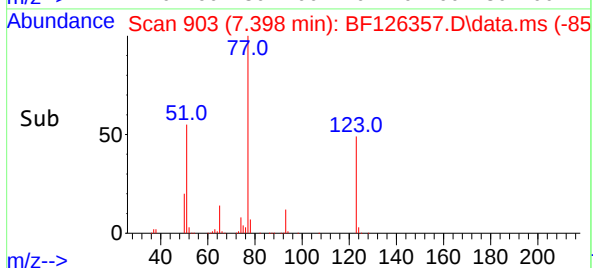
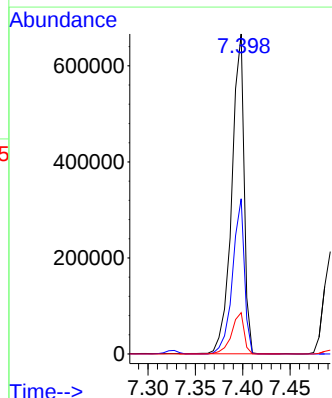
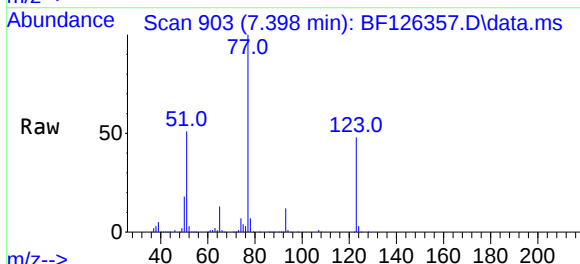
Tgt Ion: 77 Resp: 605554

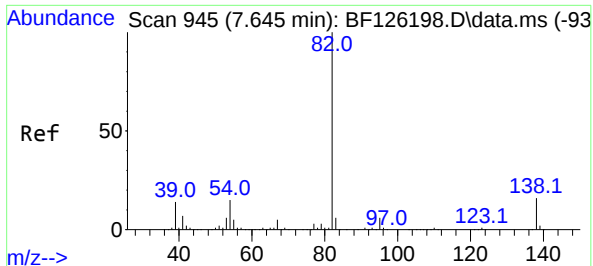
Ion Ratio Lower Upper

77 100

123 48.5 42.3 63.5

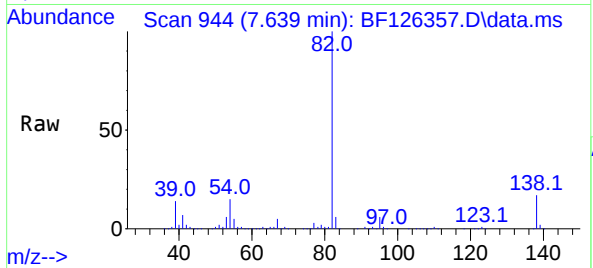
65 12.9 12.4 18.6





#25
Isophorone
Concen: 42.584 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

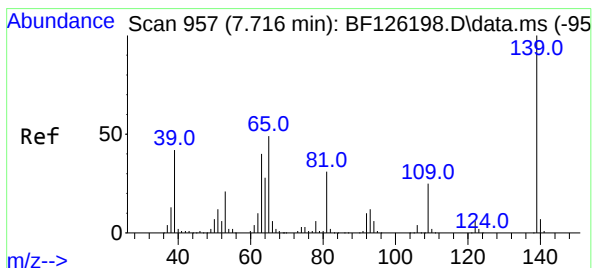
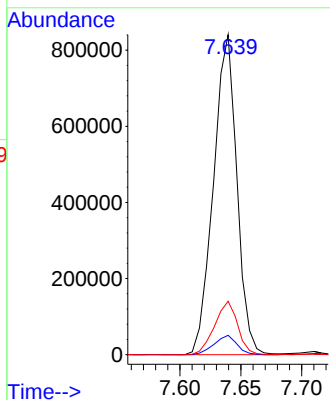
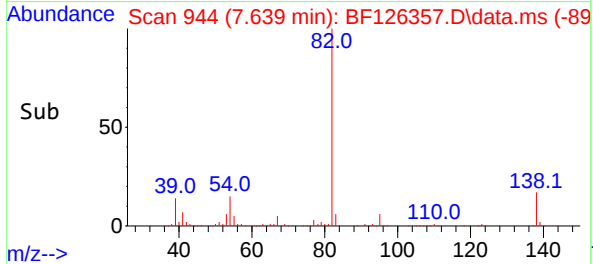
Instrument :
BNA_F
ClientSampleId :
PB141652BS



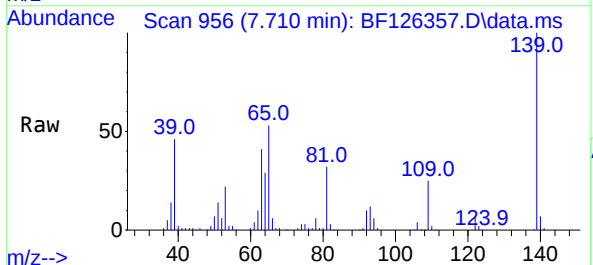
Tgt Ion: 82 Resp: 112655
Ion Ratio Lower Upper
82 100
95 6.1 6.5 9.7
138 16.7 18.4 27.6

Manual Integrations
APPROVED

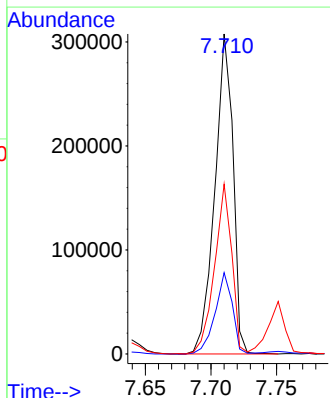
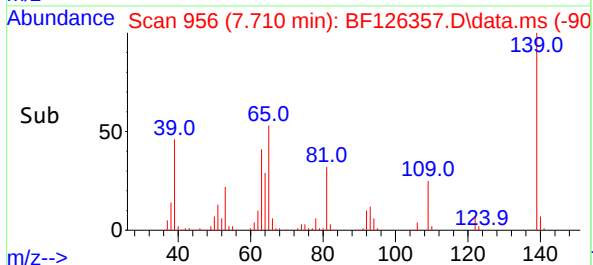
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

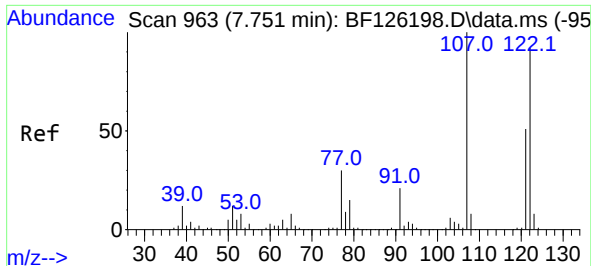


#26
2-Nitrophenol
Concen: 46.887 ng
RT: 7.710 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion:139 Resp: 295601
Ion Ratio Lower Upper
139 100
109 25.4 26.0 39.0#
65 53.0 31.0 46.4#





#27
2,4-Dimethylphenol
Concen: 47.517 ng
RT: 7.751 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

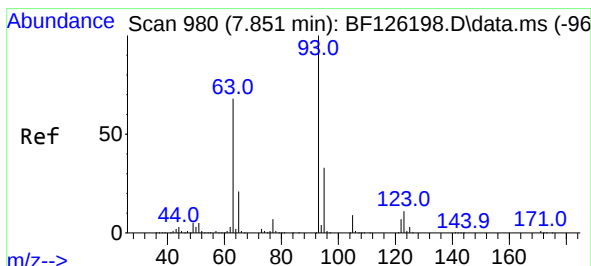
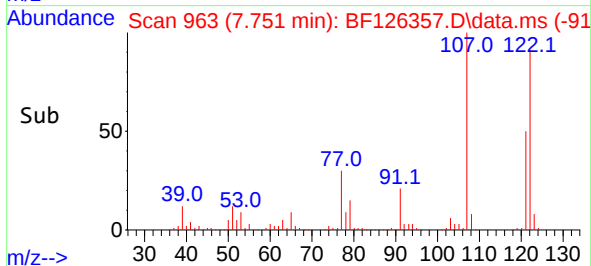
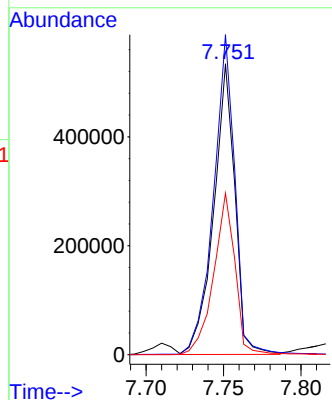
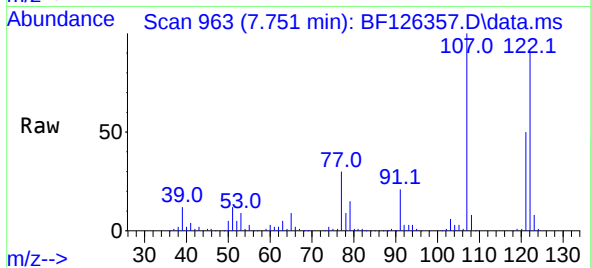
PB141652BS

Tgt Ion:122 Resp: 50874
Ion Ratio Lower Upper
122 100
107 110.0 85.0 127.6
121 55.5 43.3 64.9

Manual Integrations

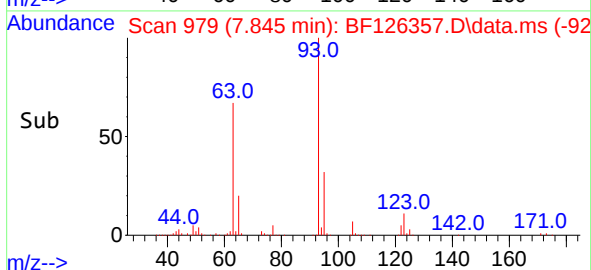
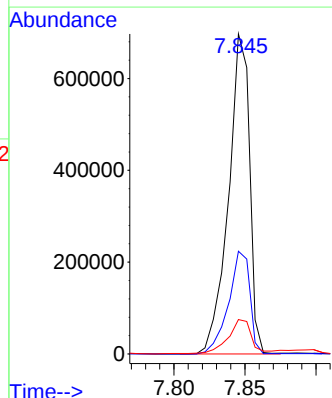
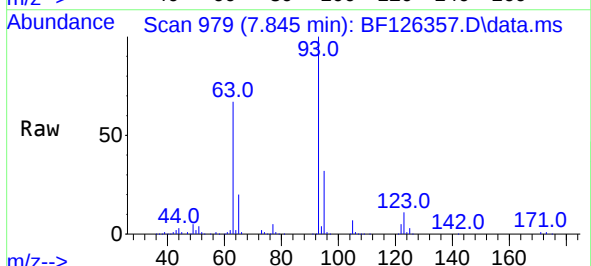
APPROVED

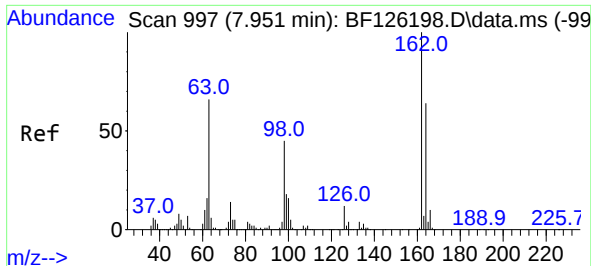
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#28
bis(2-Chloroethoxy)methane
Concen: 41.451 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion: 93 Resp: 720982
Ion Ratio Lower Upper
93 100
95 32.1 26.1 39.1
123 10.7 11.7 17.5#





#29
2,4-Dichlorophenol
Concen: 44.064 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

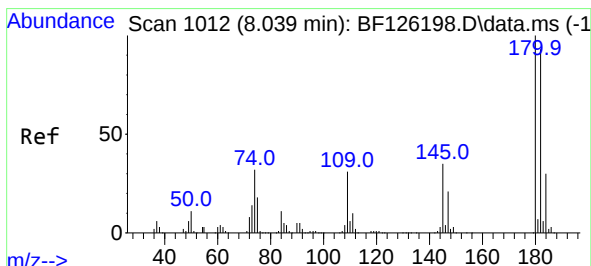
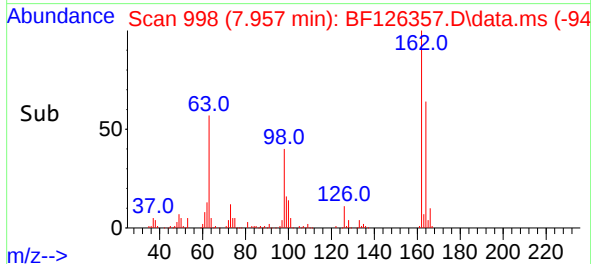
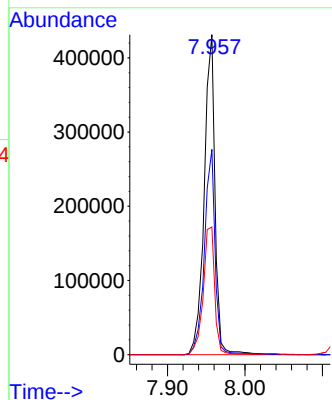
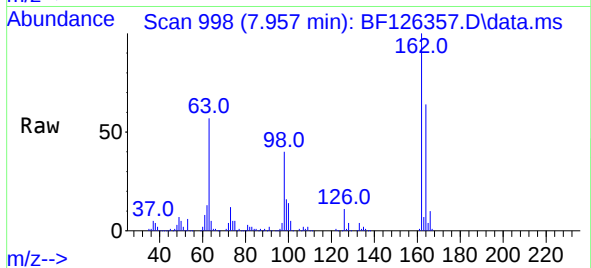
PB141652BS

Tgt Ion:162 Resp: 419352
Ion Ratio Lower Upper
162 100
164 64.2 44.5 84.5
98 39.9 13.0 53.0

Manual Integrations

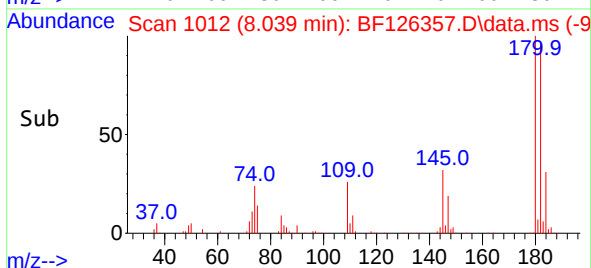
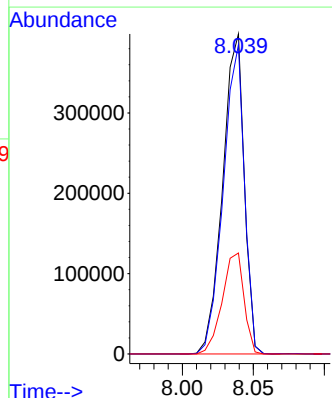
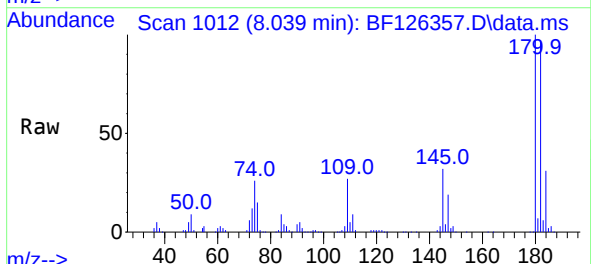
APPROVED

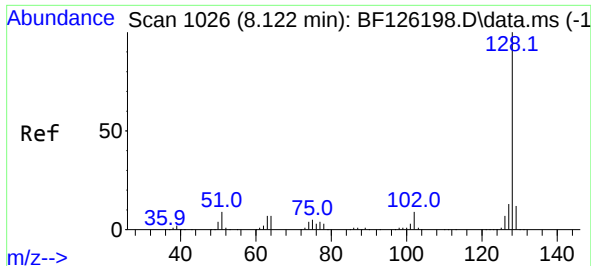
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#30
1,2,4-Trichlorobenzene
Concen: 42.594 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:180 Resp: 419294
Ion Ratio Lower Upper
180 100
182 96.6 76.8 115.2
145 31.6 26.7 40.1





#31
Naphthalene
Concen: 41.434 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

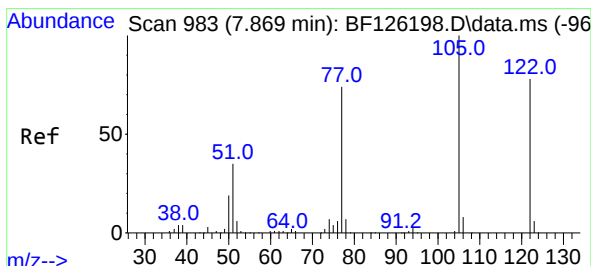
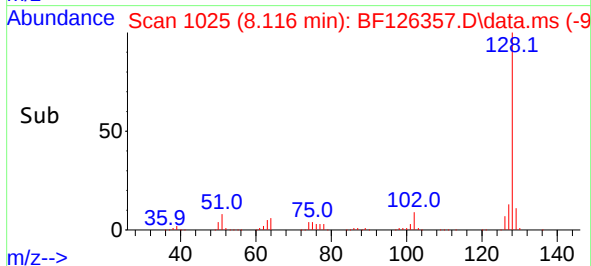
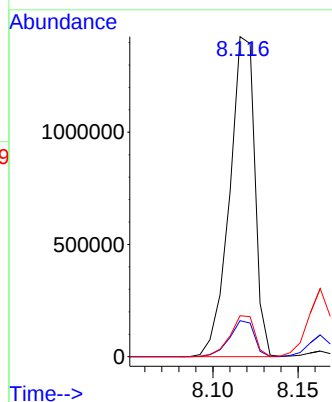
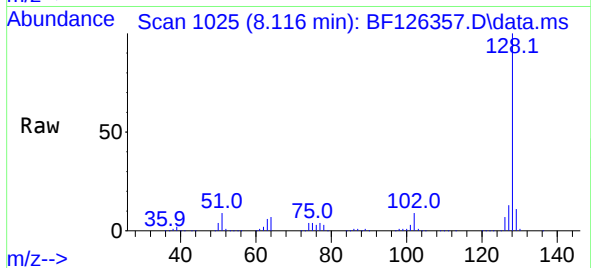
PB141652BS

Tgt Ion:128 Resp: 147019
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 12.8 10.9 16.3

Manual Integrations

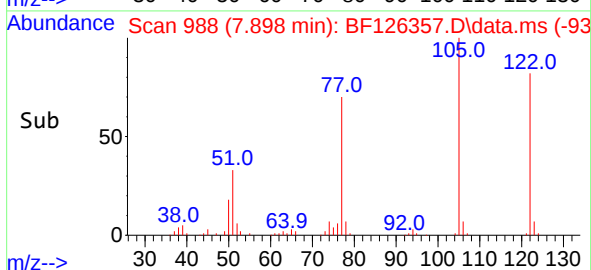
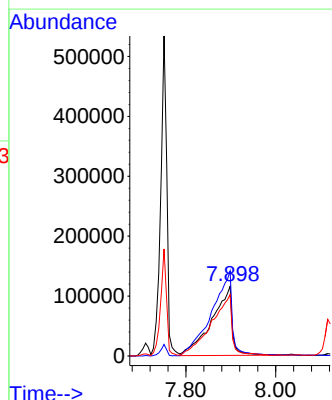
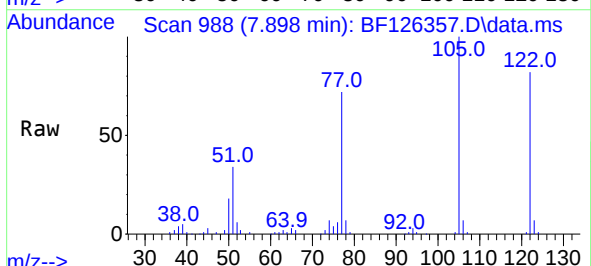
APPROVED

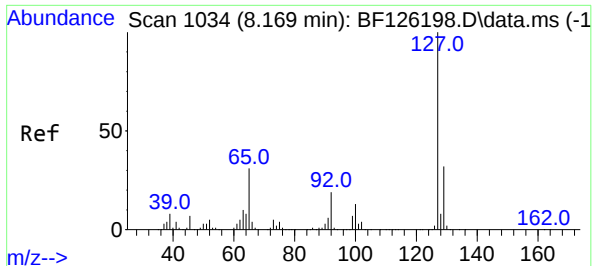
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#32
Benzoic acid
Concen: 39.729 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.024 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:122 Resp: 366450
Ion Ratio Lower Upper
122 100
105 122.0 97.6 137.6
77 88.2 59.6 99.6





#33
4-Chloroaniline
Concen: 22.733 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

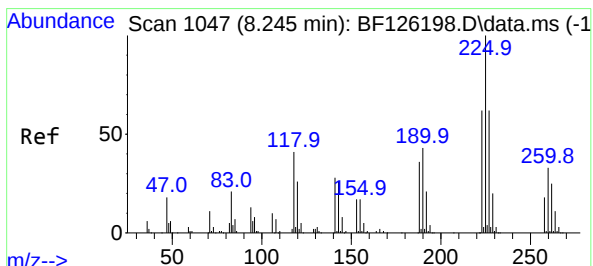
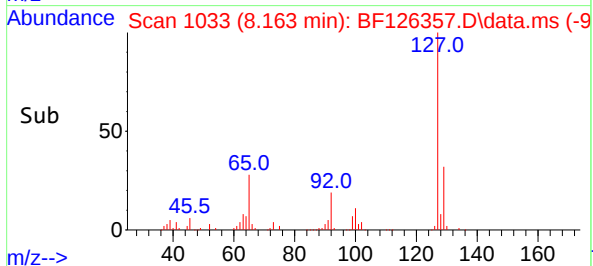
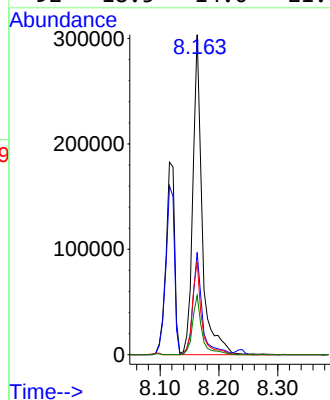
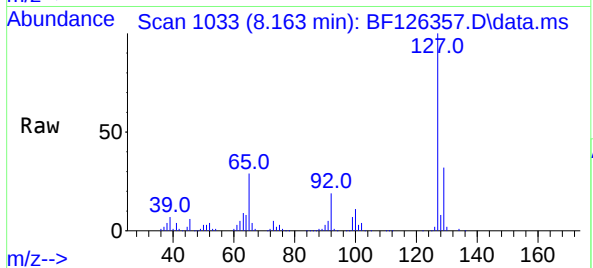
PB141652BS

Tgt Ion:127 Resp: 336790
Ion Ratio Lower Upper
127 100
129 32.0 25.7 38.5
65 29.1 21.2 31.8
92 18.5 14.0 21.0

Manual Integrations

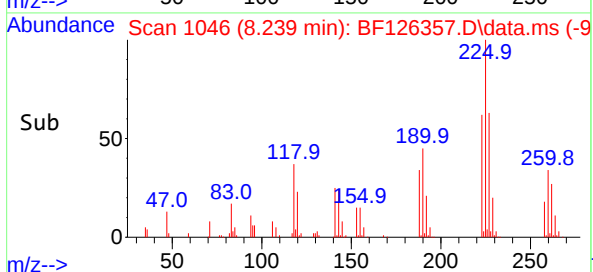
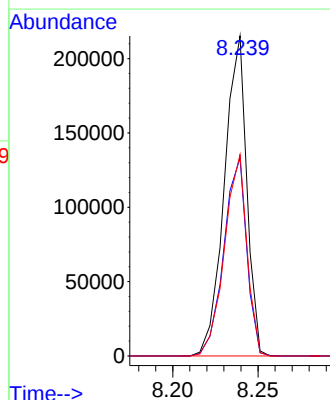
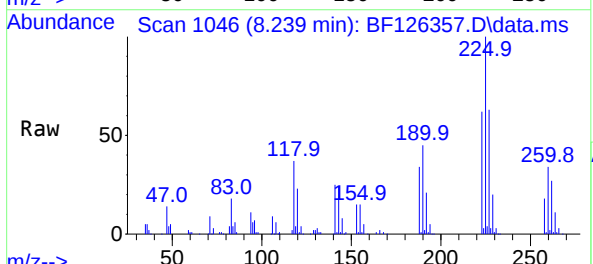
APPROVED

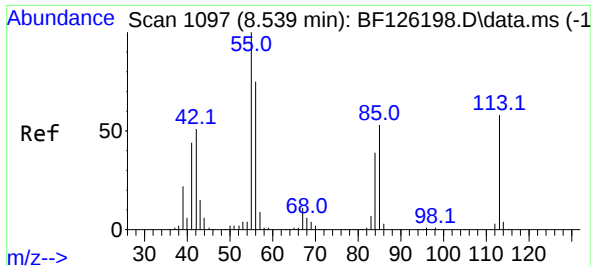
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#34
Hexachlorobutadiene
Concen: 40.659 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:225 Resp: 196573
Ion Ratio Lower Upper
225 100
223 61.9 50.6 76.0
227 62.9 50.6 75.8





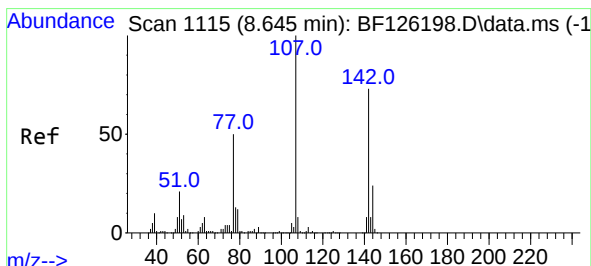
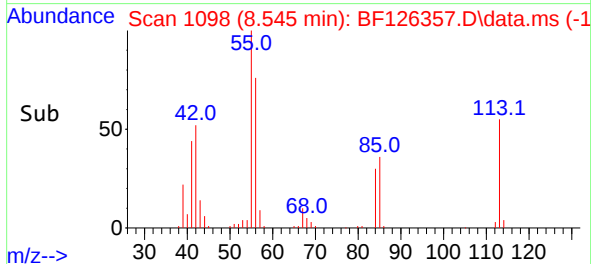
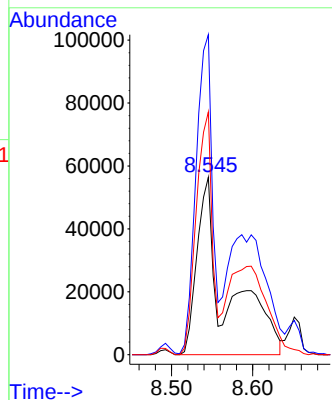
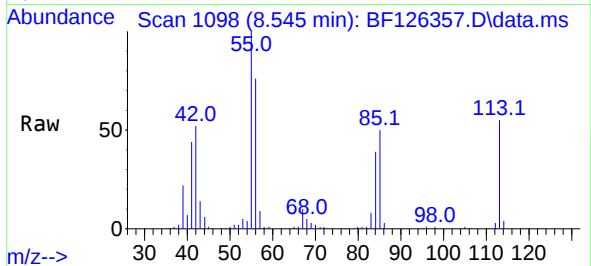
#35
Caprolactam
Concen: 60.274 ng m
RT: 8.545 min Scan# 1097
Delta R.T. 0.012 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :
BNA_F
ClientSampleId :
PB141652BS

Tgt Ion:113 Resp: 142560
Ion Ratio Lower Upper
113 100
55 180.3 154.1 194.1
56 136.7 108.7 148.7

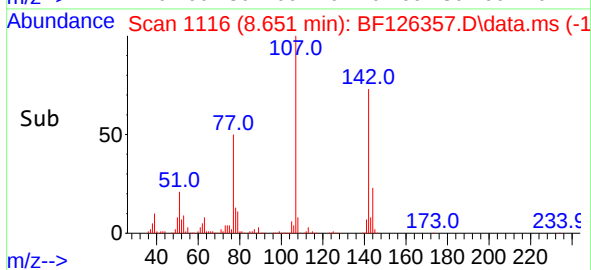
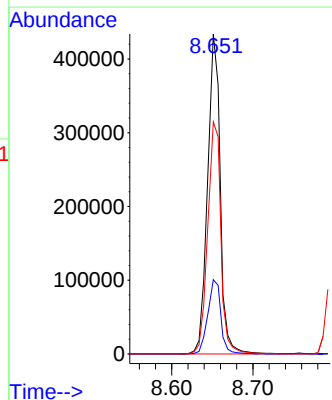
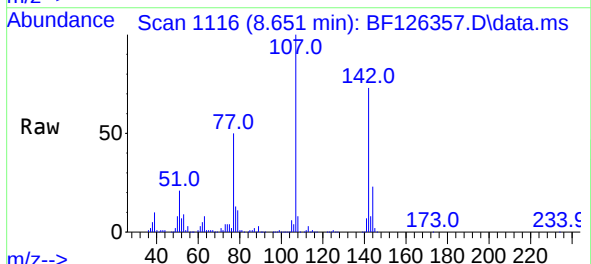
Manual Integrations
APPROVED

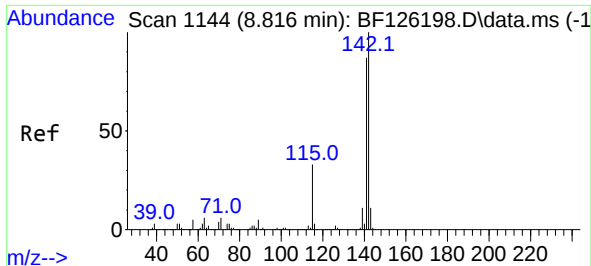
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#36
4-Chloro-3-methylphenol
Concen: 41.726 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:107 Resp: 468424
Ion Ratio Lower Upper
107 100
144 23.2 21.9 32.9
142 72.6 67.1 100.7





#37
2-Methylnaphthalene
Concen: 41.653 ng
RT: 8.810 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

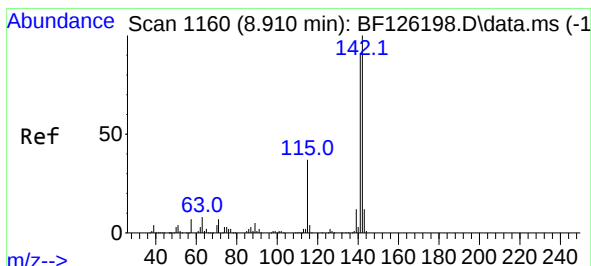
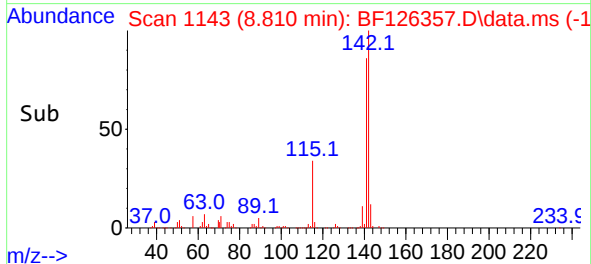
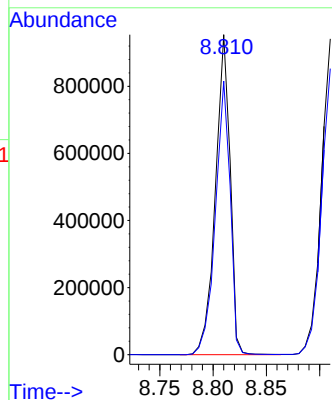
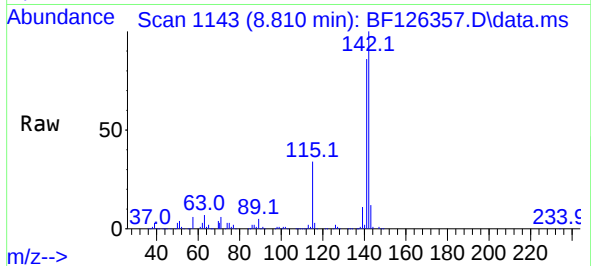
PB141652BS

Tgt Ion:142 Resp: 91018
Ion Ratio Lower Upper
142 100
141 85.5 71.2 106.8

Manual Integrations

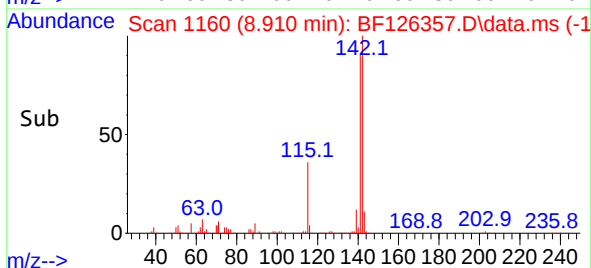
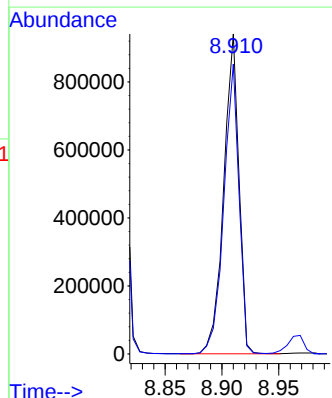
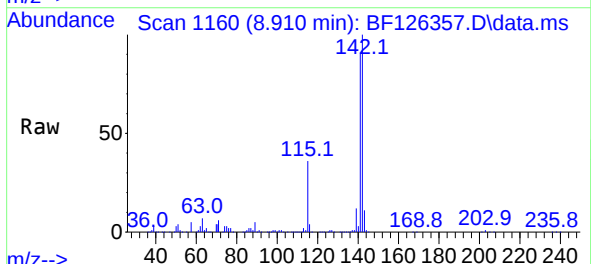
APPROVED

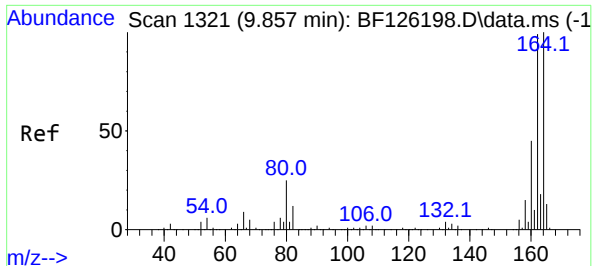
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#38
1-Methylnaphthalene
Concen: 41.391 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:142 Resp: 877738
Ion Ratio Lower Upper
142 100
141 90.6 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126357.D

Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

PB141652BS

Tgt Ion:164 Resp: 356469

Ion Ratio Lower Upper

164 100

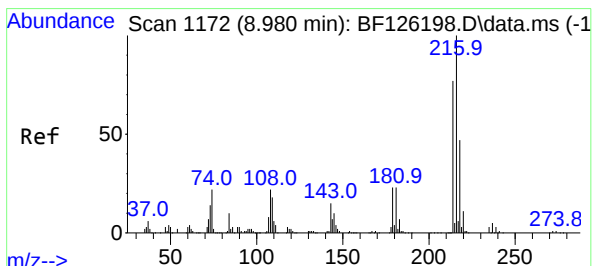
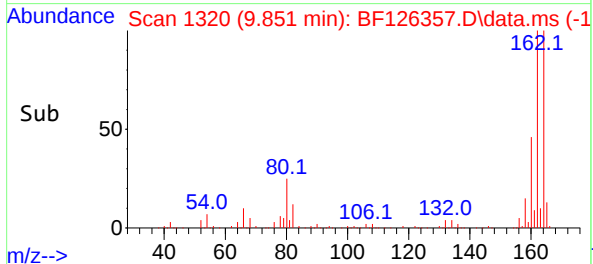
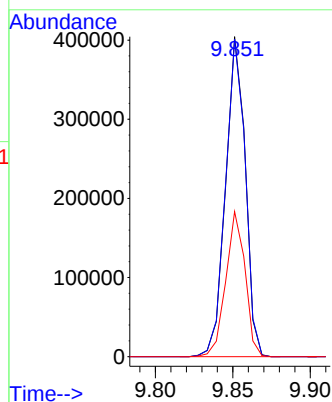
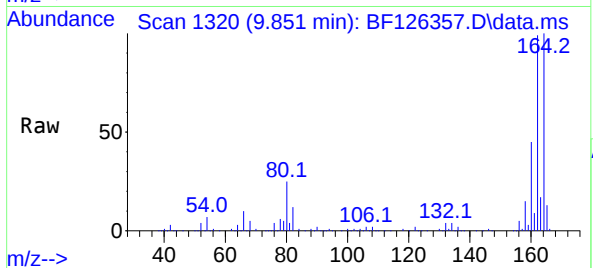
162 99.2 81.3 121.9

160 45.4 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.937 ng

RT: 8.981 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF126357.D

Acq: 27 Dec 2021 15:49

Tgt Ion:216 Resp: 322644

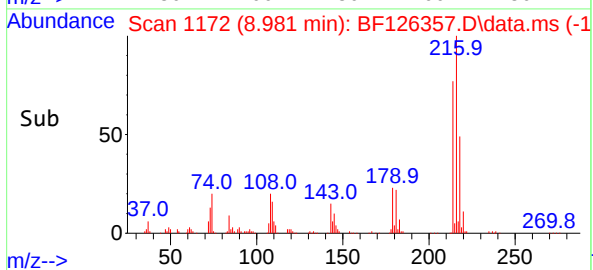
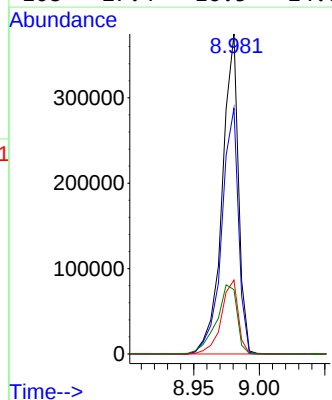
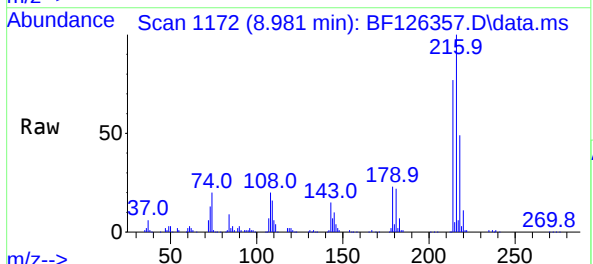
Ion Ratio Lower Upper

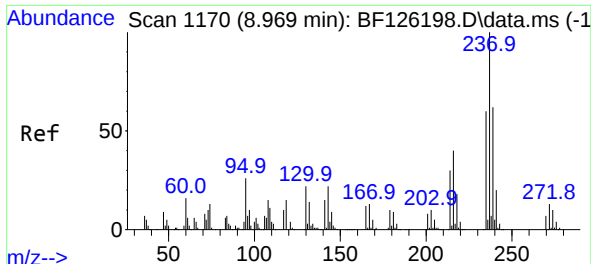
216 100

214 79.1 64.9 97.3

179 23.7 17.4 26.2

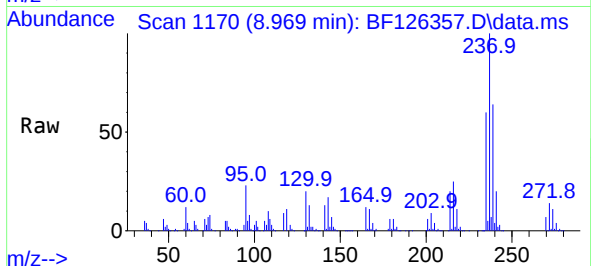
108 27.4 16.5 24.7#





#41
Hexachlorocyclopentadiene
Concen: 87.699 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

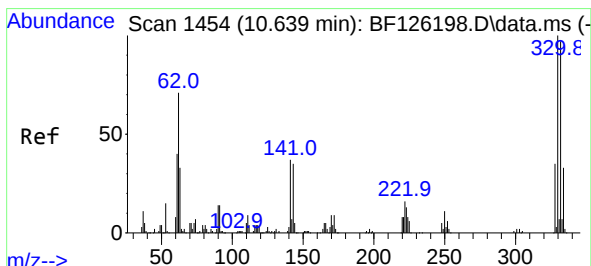
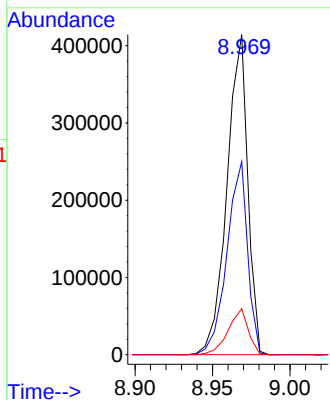
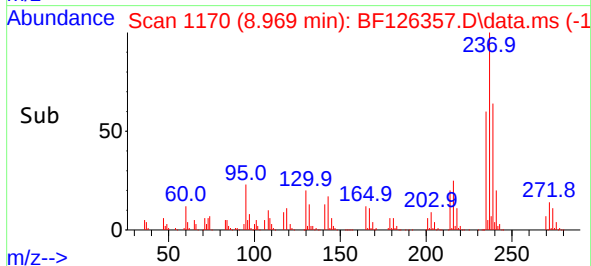
Instrument :
BNA_F
ClientSampleId :
PB141652BS



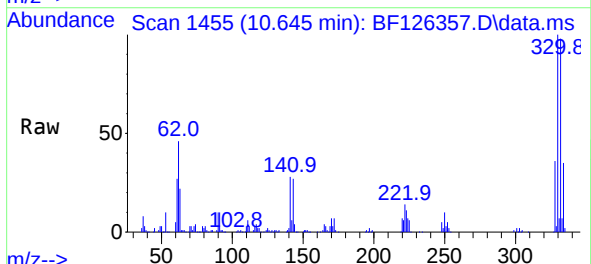
Tgt Ion:237 Resp: 386379
Ion Ratio Lower Upper
237 100
235 60.3 44.7 84.7
272 14.4 0.0 31.6

Manual Integrations
APPROVED

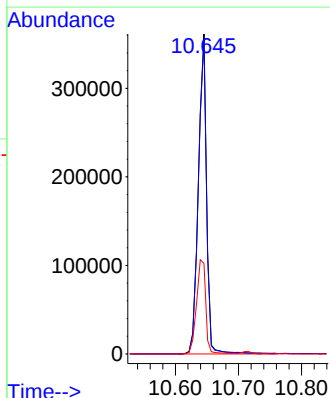
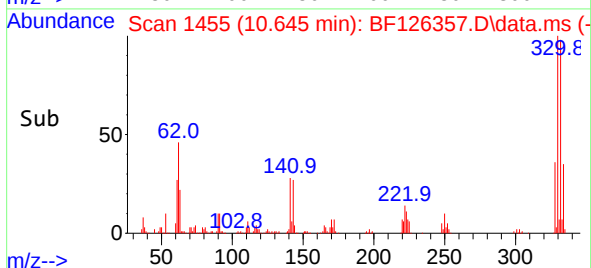
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

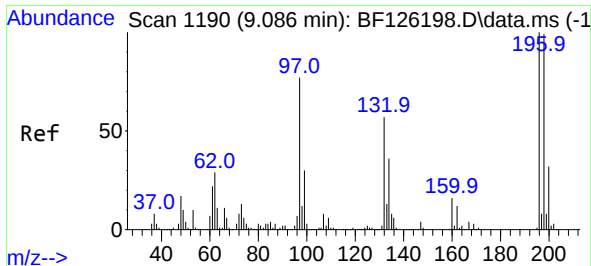


#42
2,4,6-Tribromophenol
Concen: 114.711 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion:330 Resp: 328619
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 32.9 44.6 66.8#





#43
2,4,6-Trichlorophenol
Concen: 39.844 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

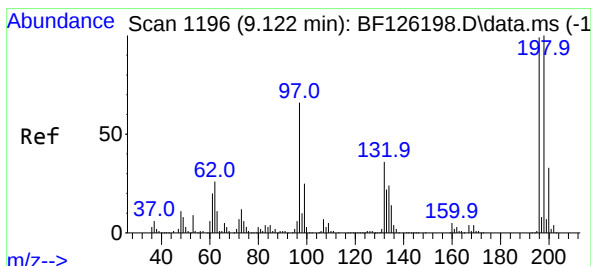
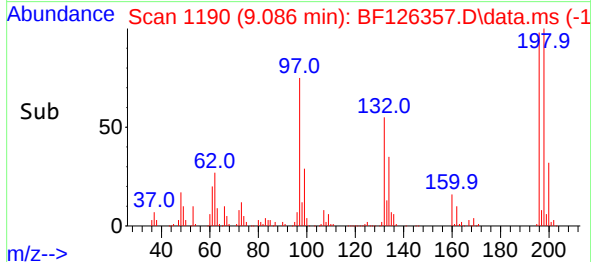
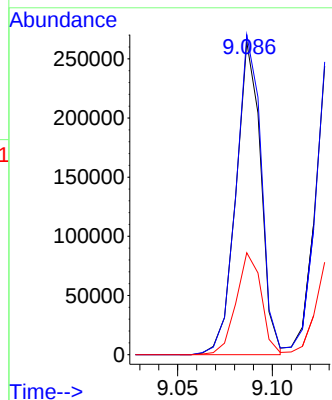
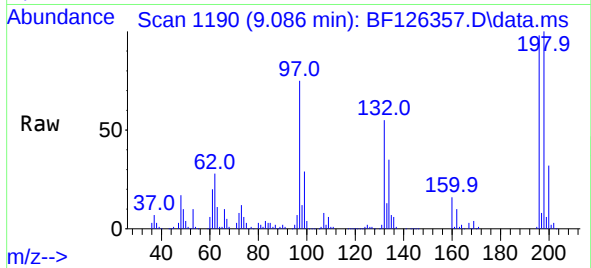
PB141652BS

Tgt Ion:196 Resp: 24114
Ion Ratio Lower Upper
196 100
198 102.3 74.9 112.3
200 32.6 27.0 40.4

Manual Integrations

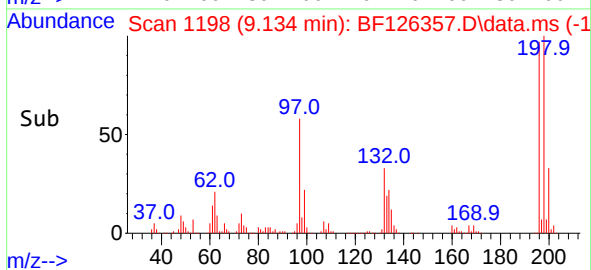
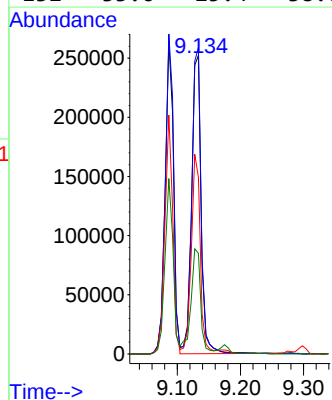
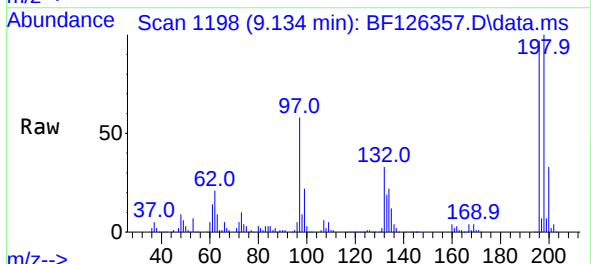
APPROVED

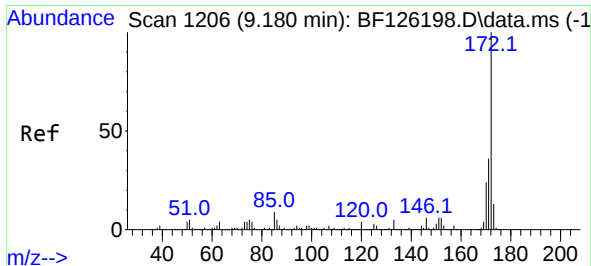
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#44
2,4,5-Trichlorophenol
Concen: 42.259 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:196 Resp: 264855
Ion Ratio Lower Upper
196 100
198 102.6 80.2 120.2
97 59.2 44.0 66.0
132 33.6 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 72.045 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126357.D

Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

PB141652BS

Tgt Ion:172 Resp: 146429

Ion Ratio Lower Upper

172 100

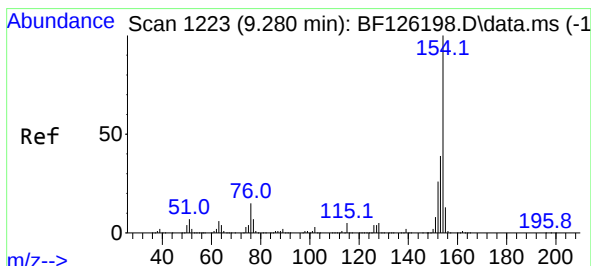
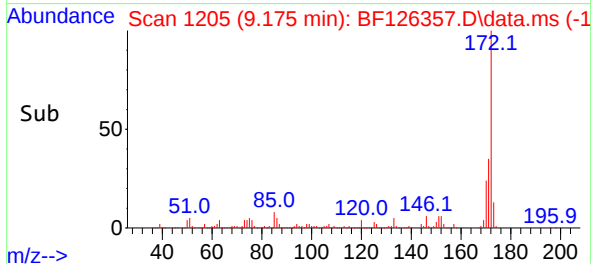
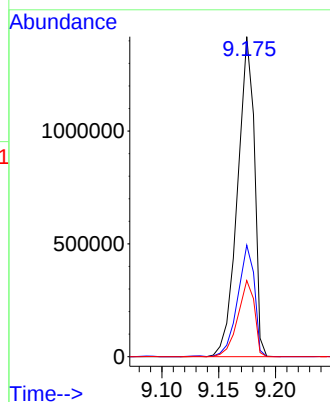
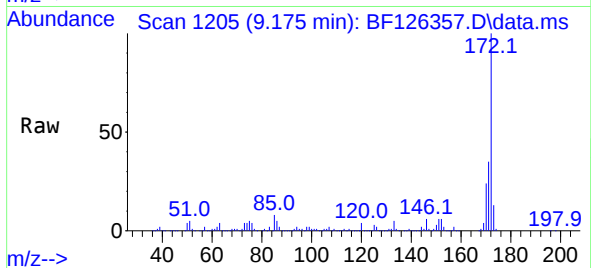
171 34.9 26.5 39.7

170 23.8 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#46

1,1'-Biphenyl

Concen: 41.385 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF126357.D

Acq: 27 Dec 2021 15:49

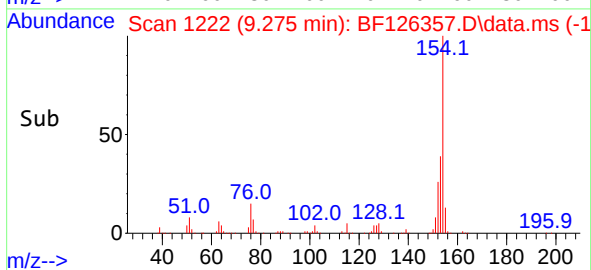
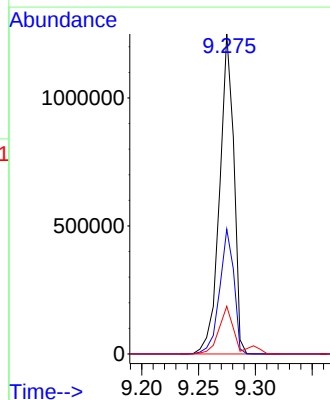
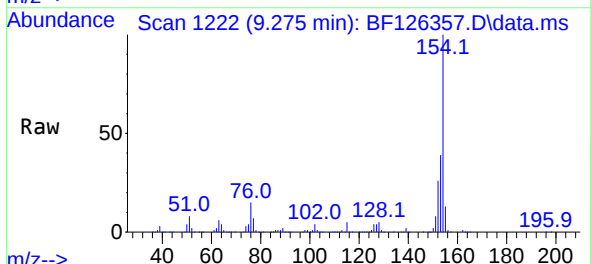
Tgt Ion:154 Resp: 1090823

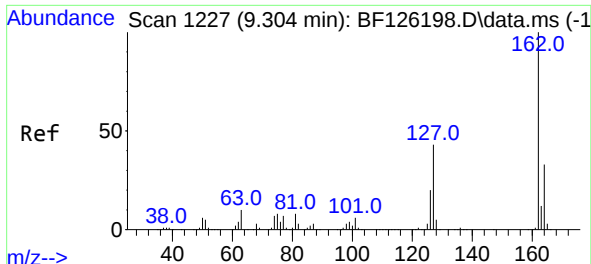
Ion Ratio Lower Upper

154 100

153 39.0 20.0 60.0

76 14.9 0.0 30.3





#47
2-Chloronaphthalene
Concen: 40.674 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

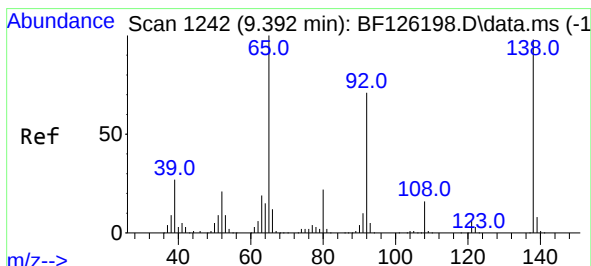
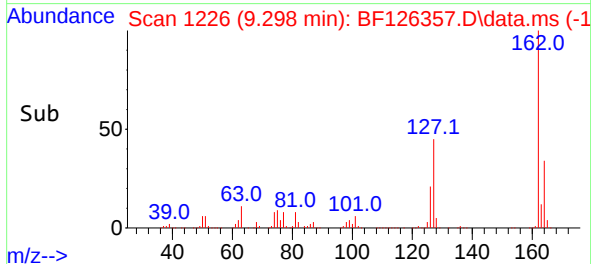
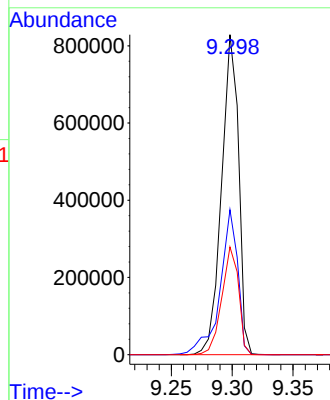
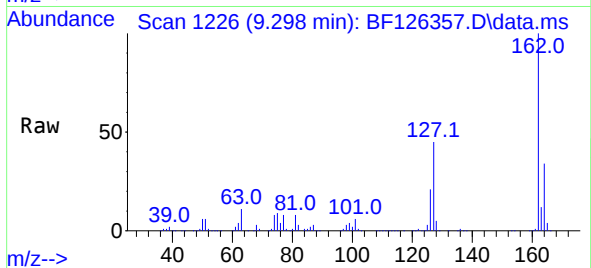
PB141652BS

Tgt Ion:162 Resp: 806610
Ion Ratio Lower Upper
162 100
127 45.3 33.0 49.4
164 33.6 25.8 38.8

Manual Integrations

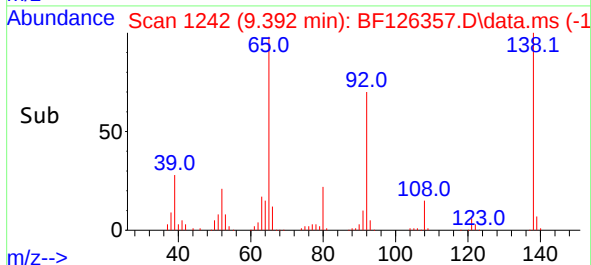
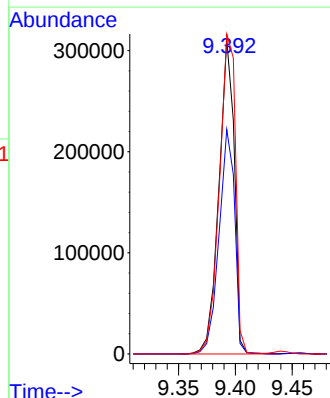
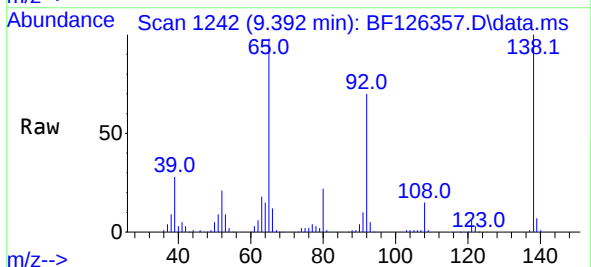
APPROVED

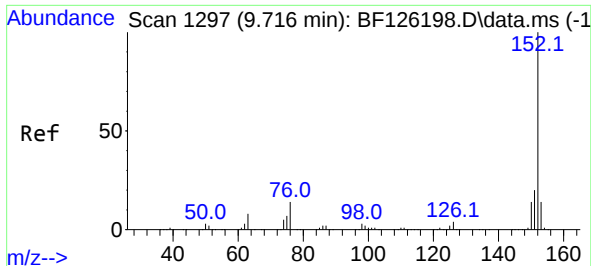
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#48
2-Nitroaniline
Concen: 40.567 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion: 65 Resp: 293635
Ion Ratio Lower Upper
65 100
92 71.4 55.5 83.3
138 101.8 93.5 140.3





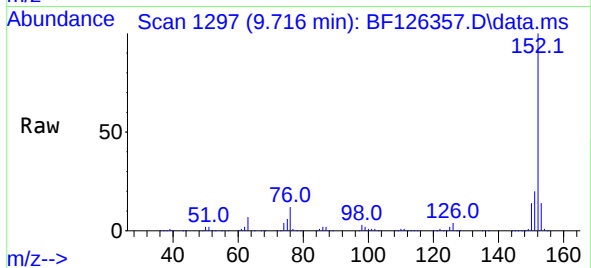
#49
Acenaphthylene
Concen: 41.128 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

PB141652BS

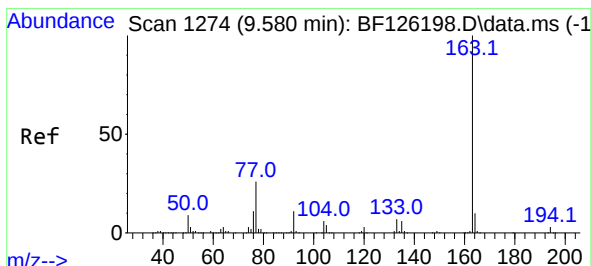
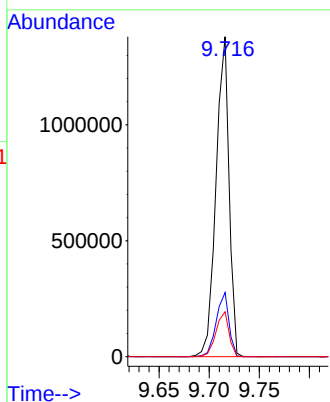
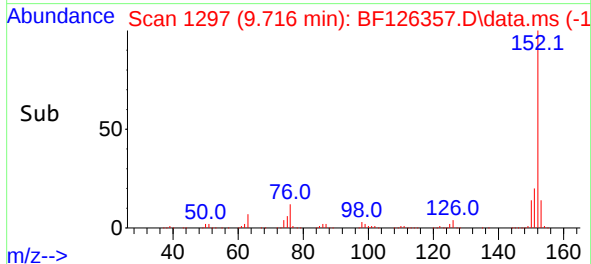


Tgt Ion:152 Resp: 124627
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 14.1 9.8 14.8

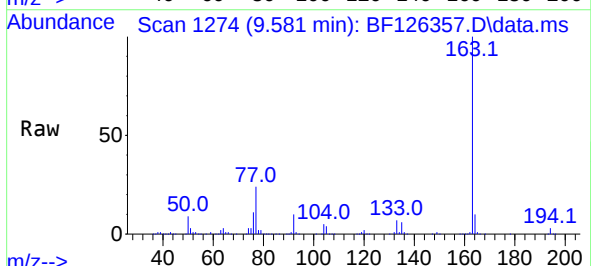
Manual Integrations

APPROVED

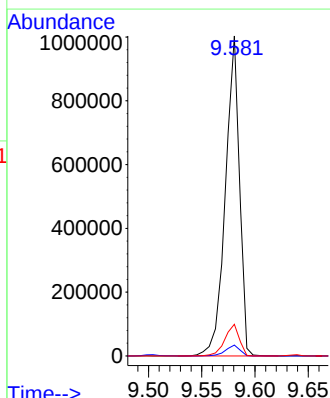
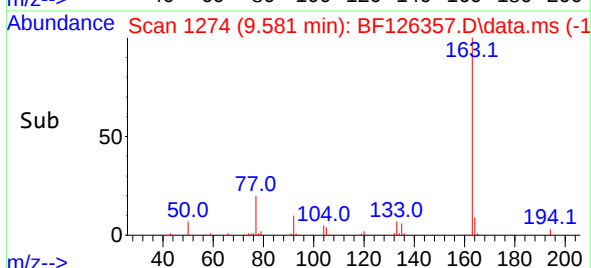
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

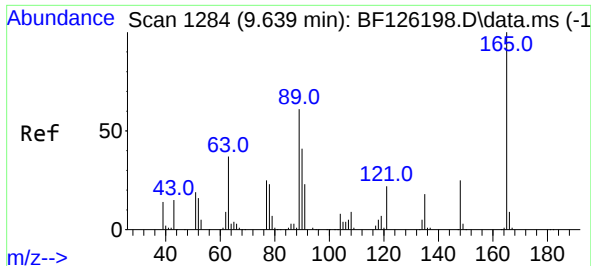


#50
Dimethylphthalate
Concen: 40.843 ng
RT: 9.581 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion:163 Resp: 922257
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 9.9 7.4 11.0





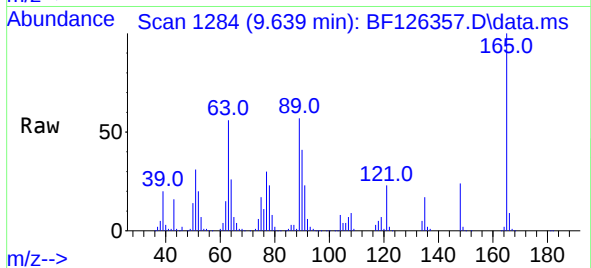
#51
2,6-Dinitrotoluene
Concen: 42.247 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

PB141652BS

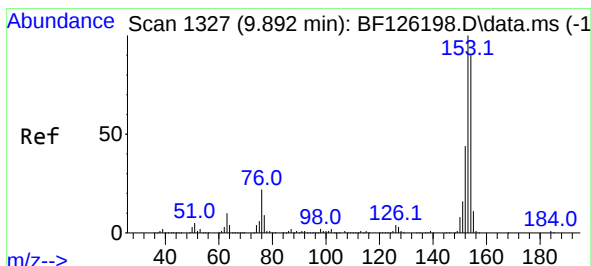
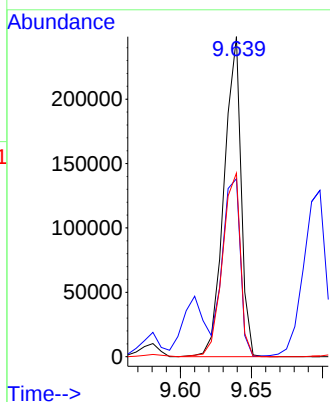
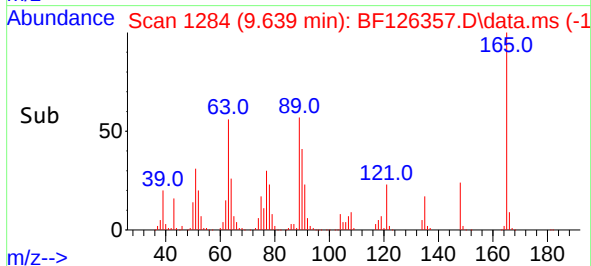


Tgt Ion:165 Resp: 206483
Ion Ratio Lower Upper
165 100
63 55.6 42.6 63.8
89 57.3 40.6 60.8

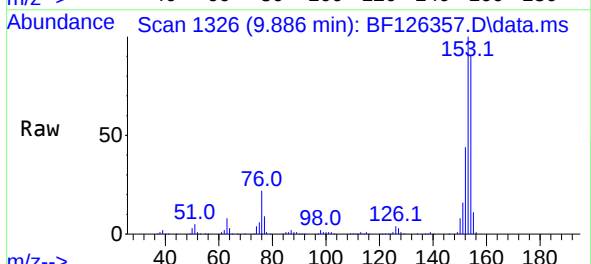
Manual Integrations

APPROVED

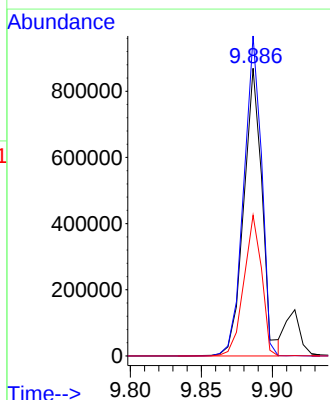
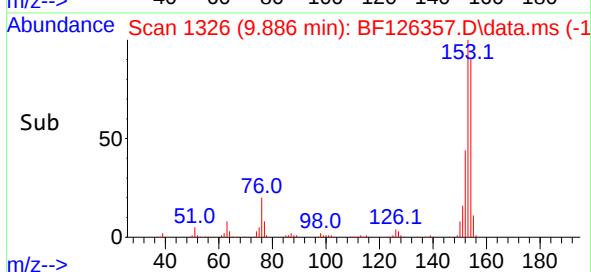
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

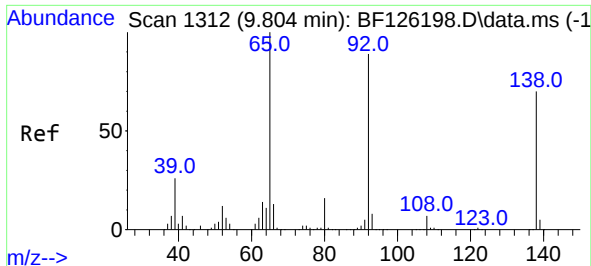


#52
Acenaphthene
Concen: 39.632 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion:154 Resp: 778823
Ion Ratio Lower Upper
154 100
153 111.2 89.4 134.2
152 48.9 40.5 60.7





#53
3-Nitroaniline
Concen: 26.646 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

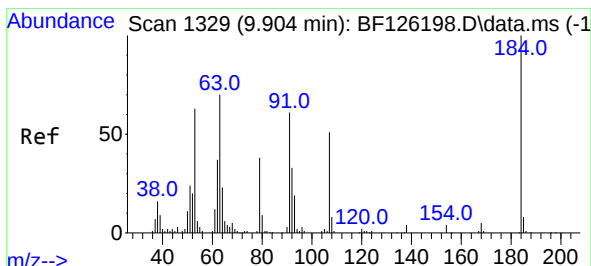
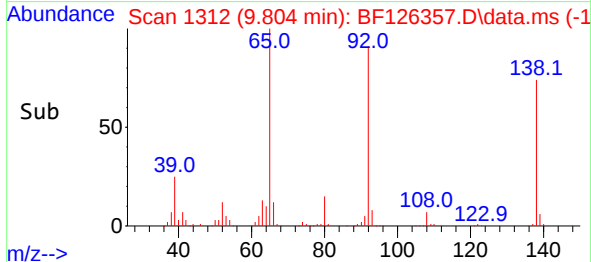
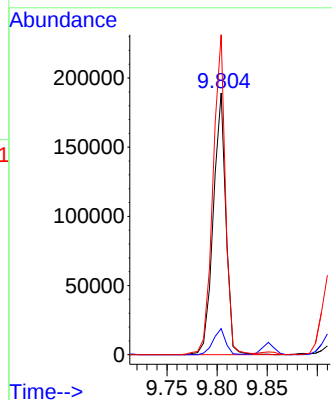
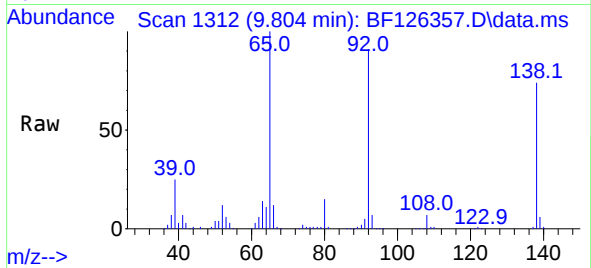
PB141652BS

Tgt Ion:138 Resp: 165520
Ion Ratio Lower Upper
138 100
108 10.0 9.3 13.9
92 122.3 76.5 114.7

Manual Integrations

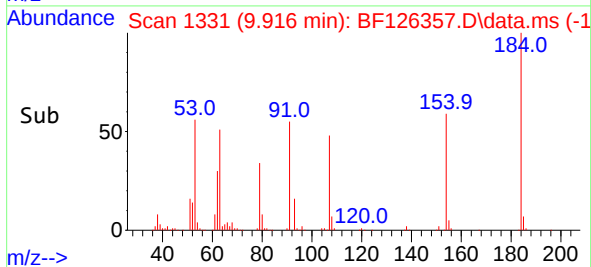
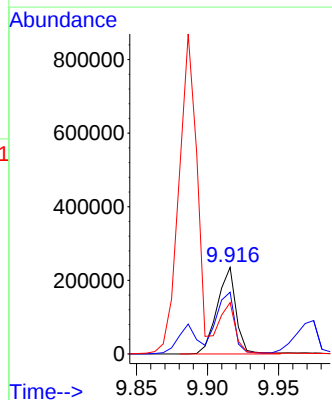
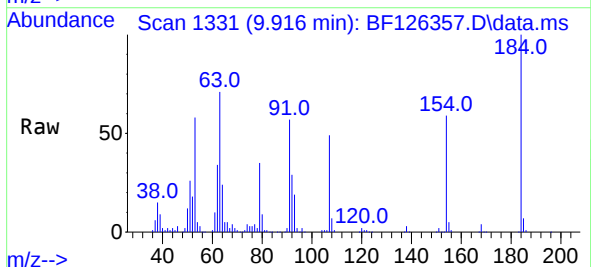
APPROVED

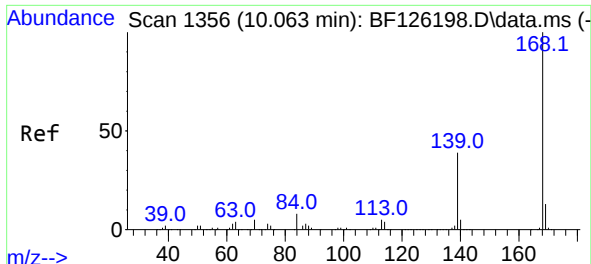
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#54
2,4-Dinitrophenol
Concen: 108.479 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

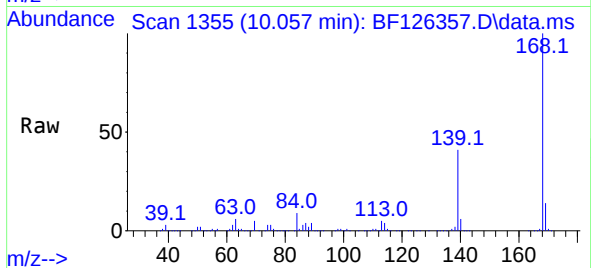
Tgt Ion:184 Resp: 218304
Ion Ratio Lower Upper
184 100
63 71.4 59.3 88.9
154 59.3 68.6 102.8





#55
Dibenzenofuran
Concen: 39.779 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

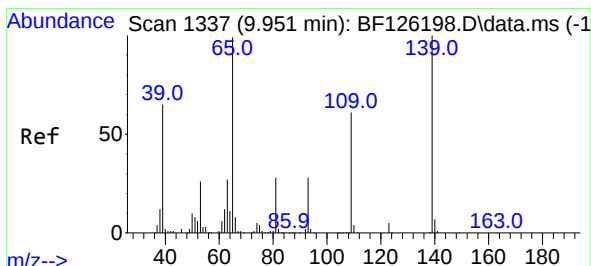
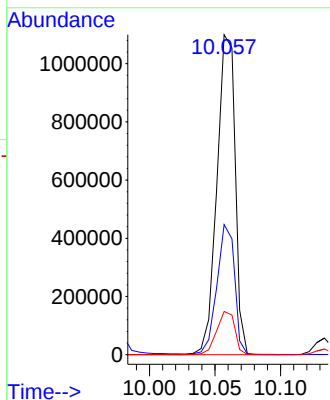
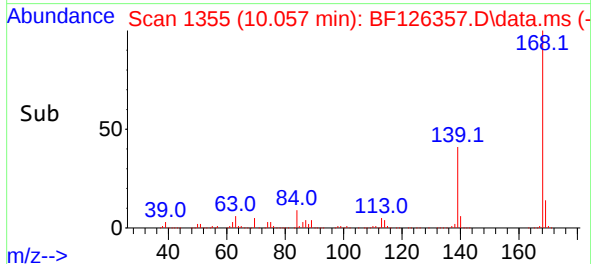
Instrument :
BNA_F
ClientSampleId :
PB141652BS



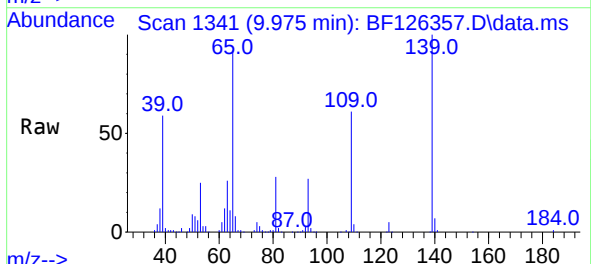
Tgt Ion:168 Resp: 1064308
Ion Ratio Lower Upper
168 100
139 40.7 32.7 49.1
169 13.5 11.2 16.8

Manual Integrations
APPROVED

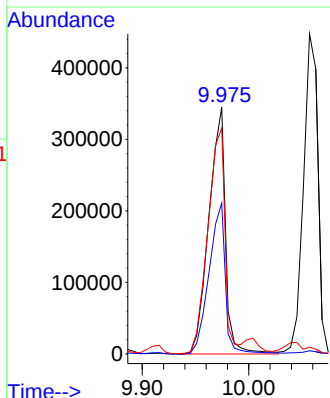
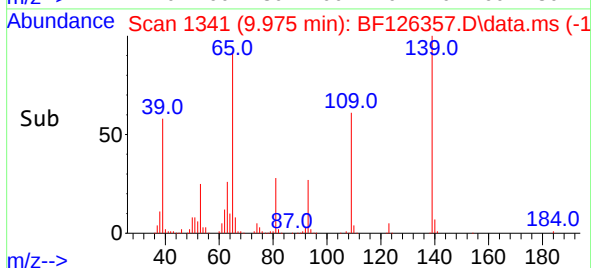
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

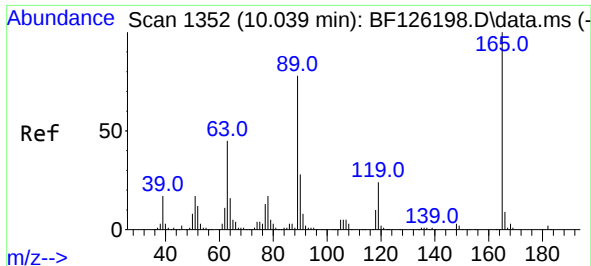


#56
4-Nitrophenol
Concen: 83.362 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion:139 Resp: 374061
Ion Ratio Lower Upper
139 100
109 61.2 60.4 100.4
65 91.7 58.4 98.4





#57
2,4-Dinitrotoluene
Concen: 44.156 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

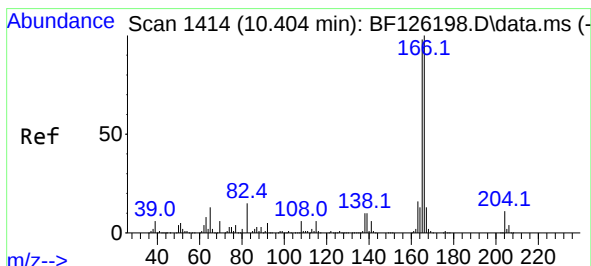
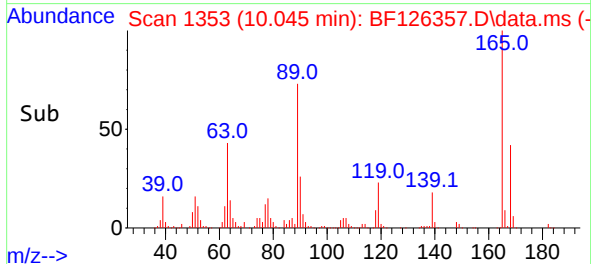
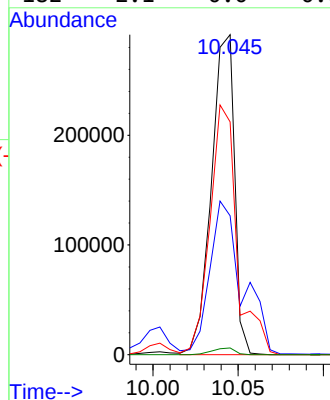
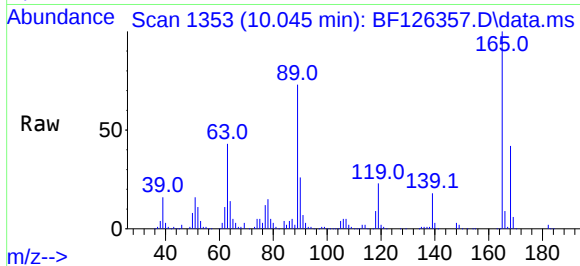
PB141652BS

Tgt Ion:165 Resp: 27529
Ion Ratio Lower Upper
165 100
63 43.4 40.9 61.3
89 72.8 59.7 89.5
182 2.1 0.0 0.0#

Manual Integrations

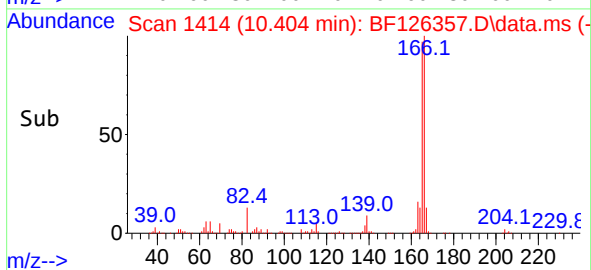
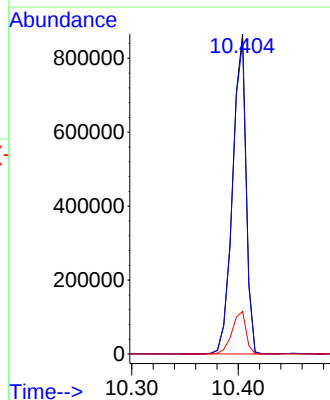
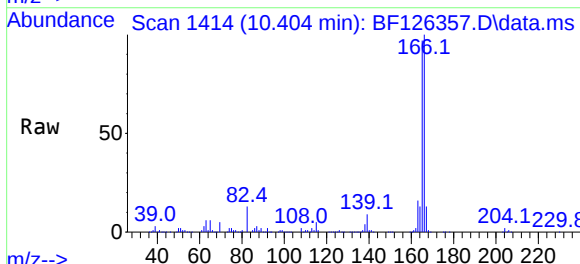
APPROVED

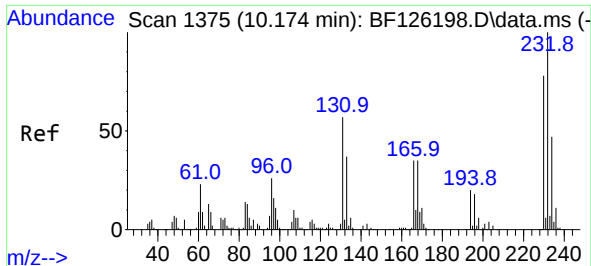
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#58
Fluorene
Concen: 39.351 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:166 Resp: 762201
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.958 ng
RT: 10.175 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

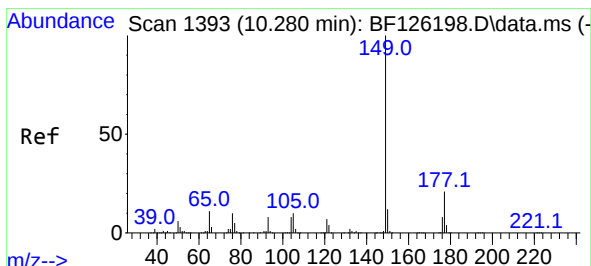
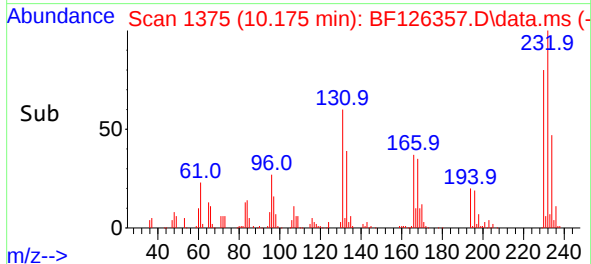
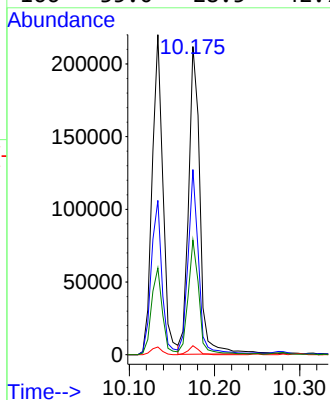
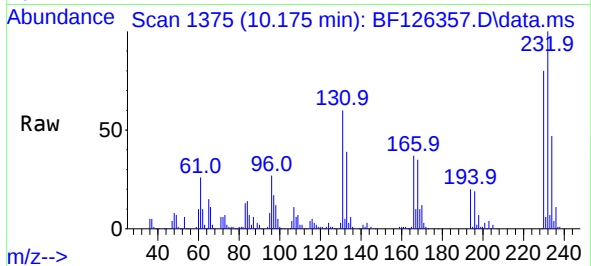
ClientSampleId :

PB141652BS

Tgt Ion:232 Resp: 19498
Ion Ratio Lower Upper
232 100
131 56.1 45.4 68.0
130 2.6 0.0 0.0
166 35.0 28.5 42.7

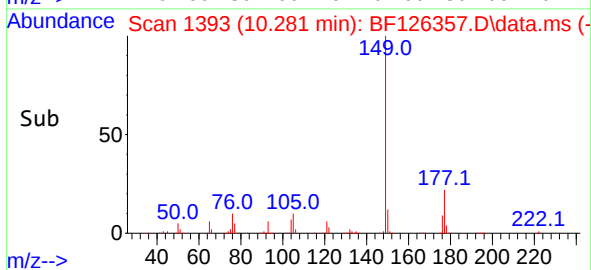
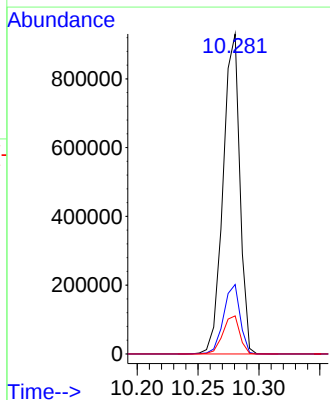
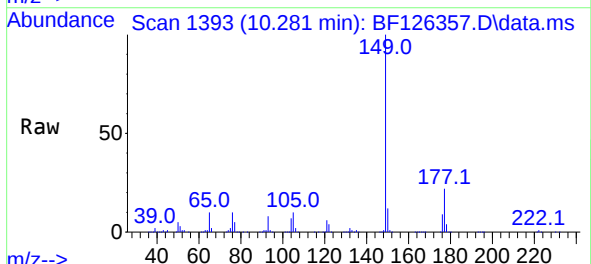
Manual Integrations
APPROVED

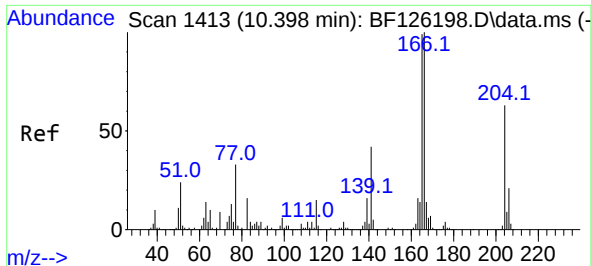
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#60
Diethylphthalate
Concen: 39.290 ng
RT: 10.281 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:149 Resp: 891582
Ion Ratio Lower Upper
149 100
177 21.7 16.5 24.7
150 11.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 38.840 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

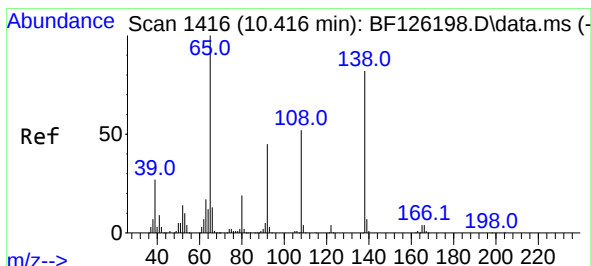
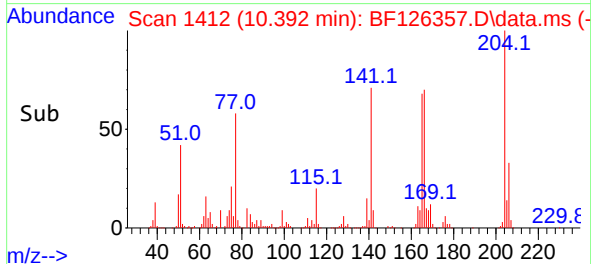
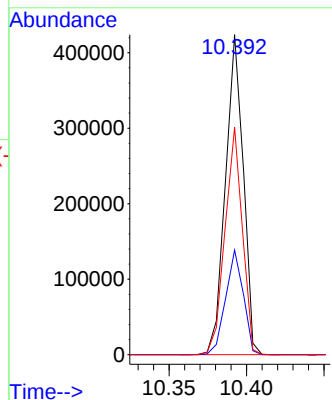
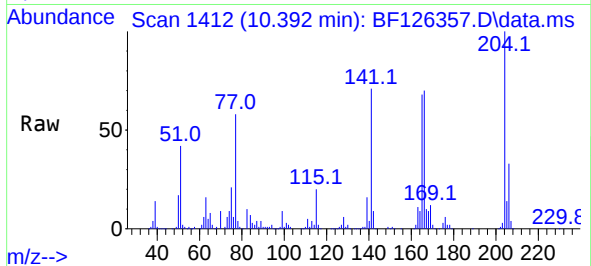
PB141652BS

Tgt Ion:204 Resp: 338725
Ion Ratio Lower Upper
204 100
206 32.7 27.6 41.4
141 71.1 58.6 88.0

Manual Integrations

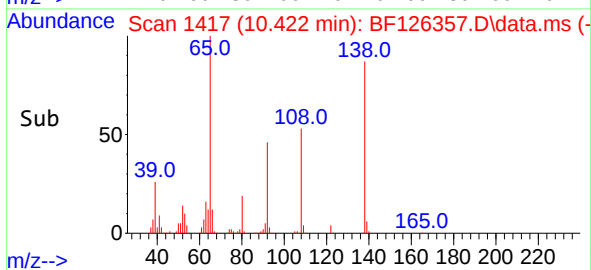
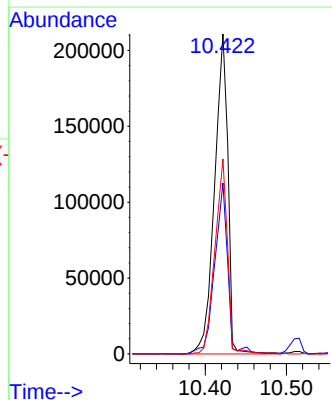
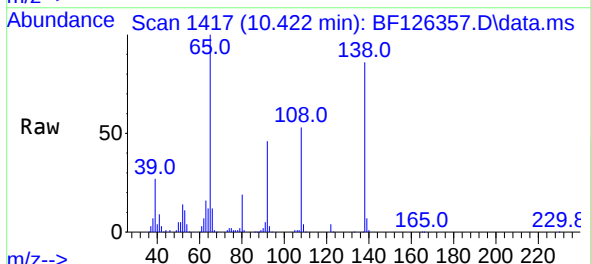
APPROVED

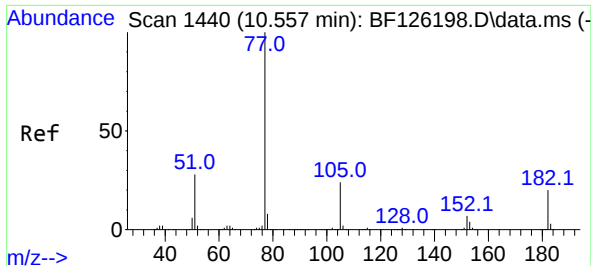
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#62
4-Nitroaniline
Concen: 46.075 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:138 Resp: 240101
Ion Ratio Lower Upper
138 100
92 53.4 29.6 69.6
108 61.0 78.1 118.1#





#63
Azobenzene
Concen: 38.047 ng
RT: 10.551 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

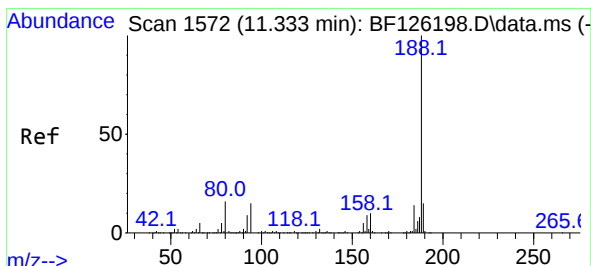
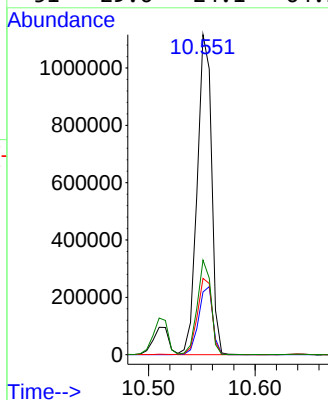
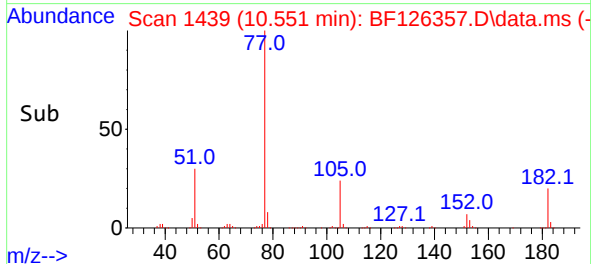
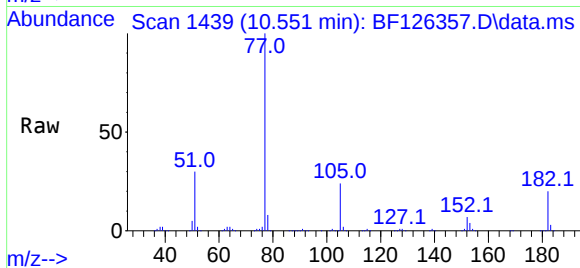
PB141652BS

Tgt Ion: 77 Resp: 1045749
Ion Ratio Lower Upper
77 100
182 19.6 6.3 46.3
105 23.9 2.9 42.9
51 29.6 24.1 64.1

Manual Integrations

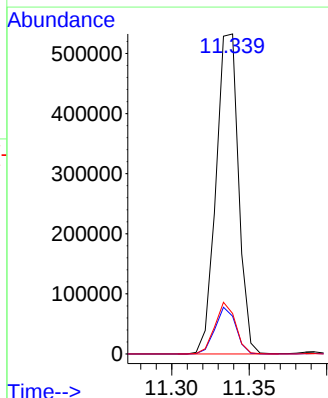
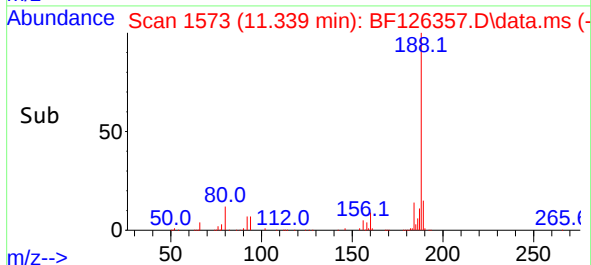
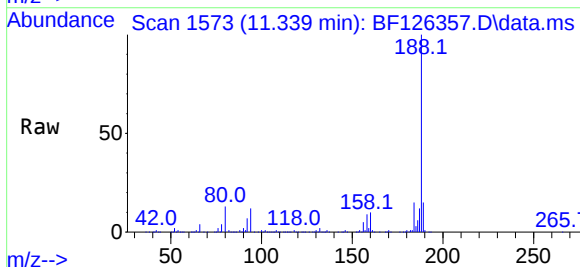
APPROVED

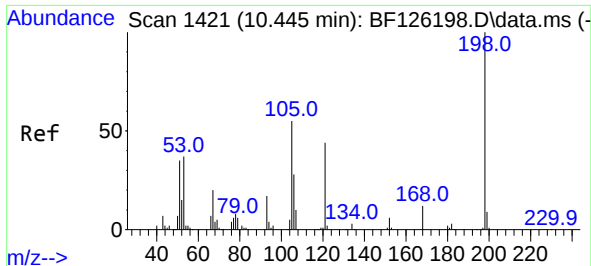
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:188 Resp: 538101
Ion Ratio Lower Upper
188 100
94 11.8 6.7 10.1#
80 12.7 7.5 11.3#





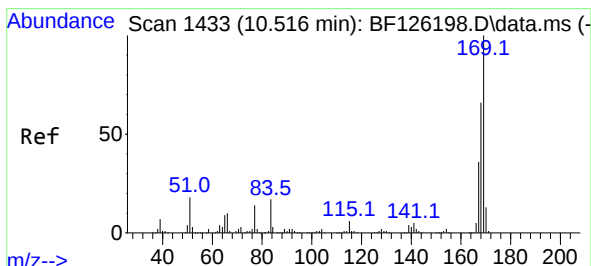
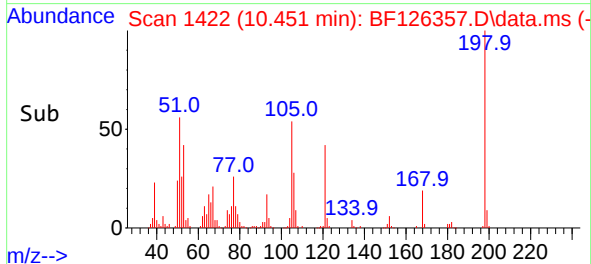
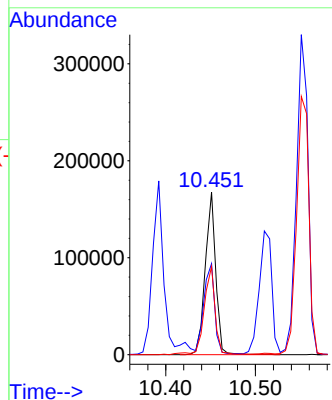
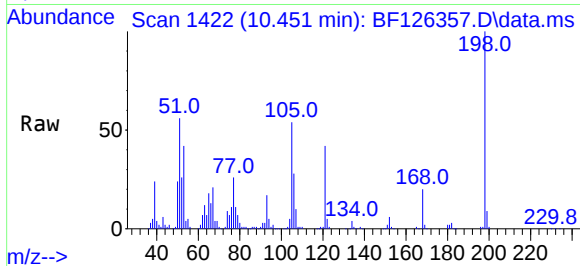
#65
4,6-Dinitro-2-methylphenol
Concen: 46.251 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :
BNA_F
ClientSampleId :
PB141652BS

Tgt Ion:198 Resp: 135902
Ion Ratio Lower Upper
198 100
51 56.0 45.3 85.3
105 54.3 30.6 70.6

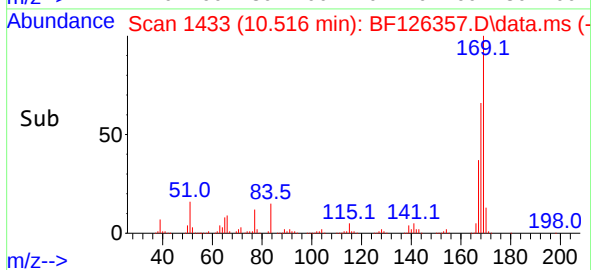
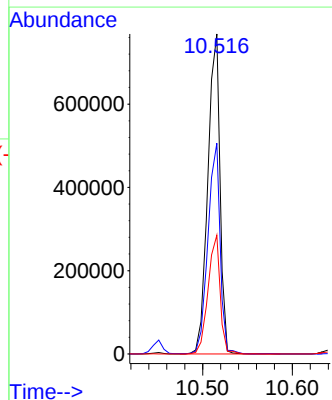
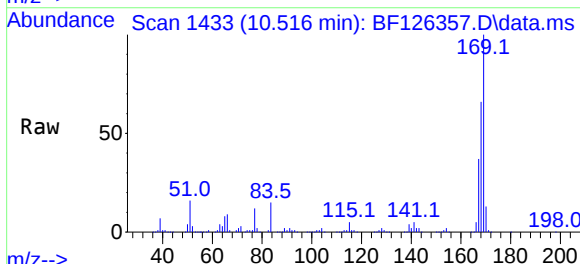
Manual Integrations
APPROVED

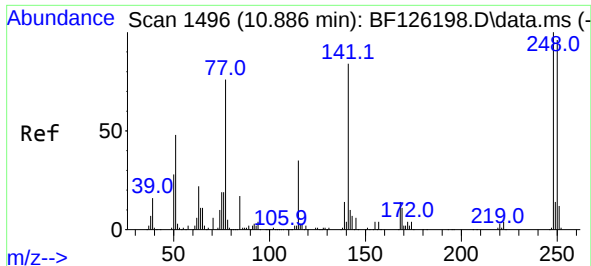
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#66
n-Nitrosodiphenylamine
Concen: 41.884 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:169 Resp: 723308
Ion Ratio Lower Upper
169 100
168 65.8 50.8 76.2
167 37.1 28.8 43.2





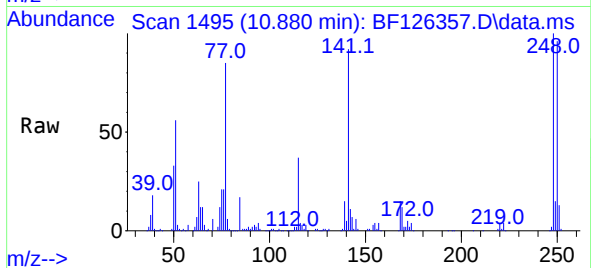
#67
4-Bromophenyl-phenylether
Concen: 43.259 ng
RT: 10.880 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

PB141652BS

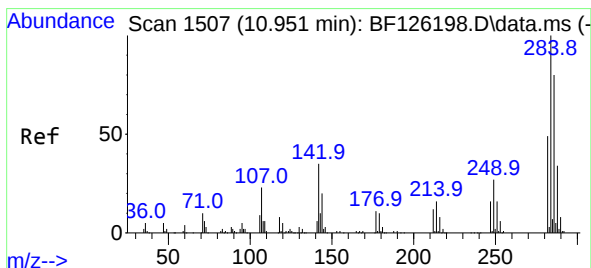
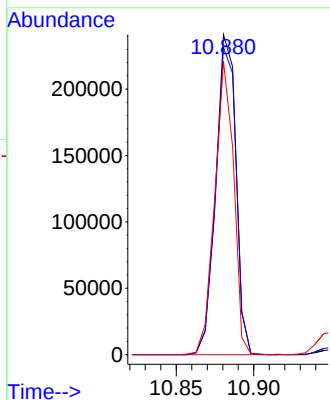
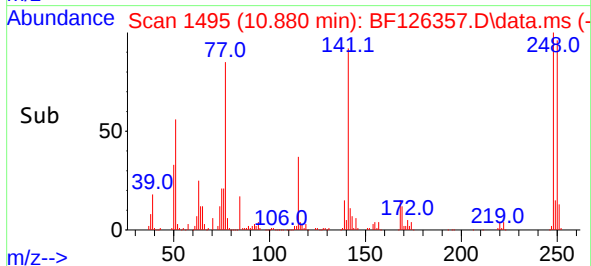


Tgt Ion:248 Resp: 21846
Ion Ratio Lower Upper
248 100
250 96.0 74.2 111.4
141 91.8 60.4 90.6

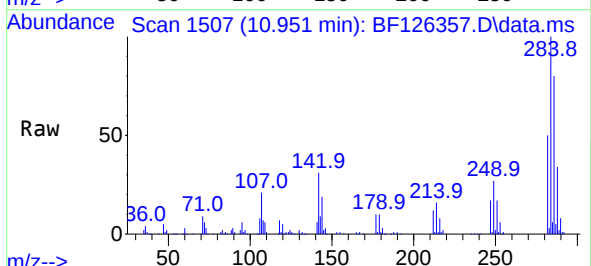
Manual Integrations

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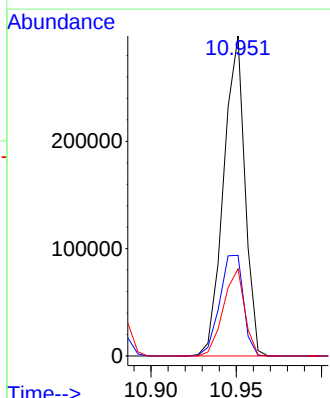
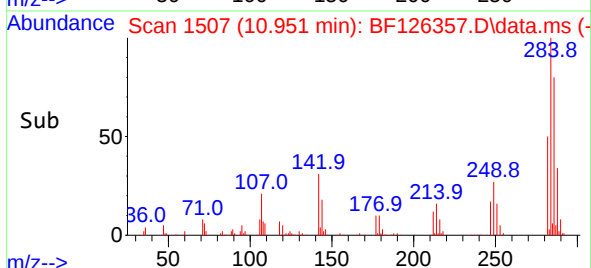
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

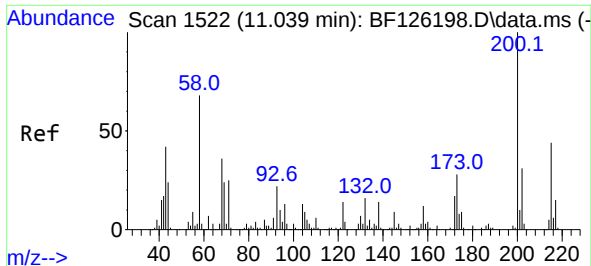


#68
Hexachlorobenzene
Concen: 44.641 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



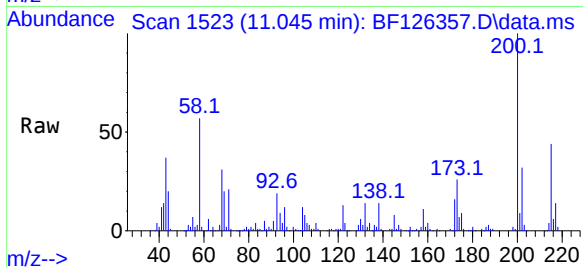
Tgt Ion:284 Resp: 259288
Ion Ratio Lower Upper
284 100
142 31.5 36.4 54.6#
249 27.2 25.6 38.4





#69
Atrazine
Concen: 68.363 ng
RT: 11.045 min Scan# 11045
Delta R.T. 0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

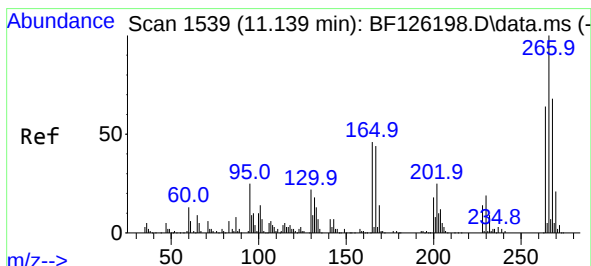
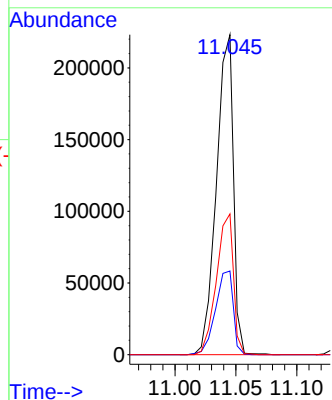
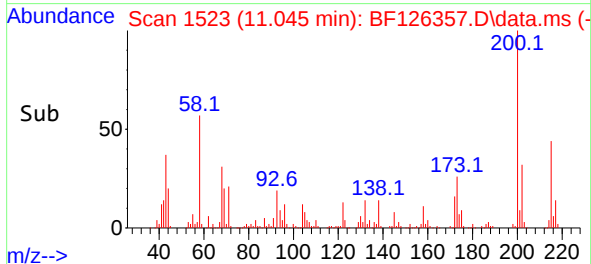
Instrument :
BNA_F
ClientSampleId :
PB141652BS



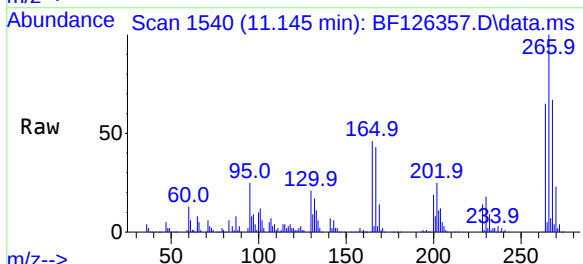
Tgt Ion:200 Resp: 21635
Ion Ratio Lower Upper
200 100
173 26.1 11.1 51.1
215 44.0 22.7 62.7

Manual Integrations
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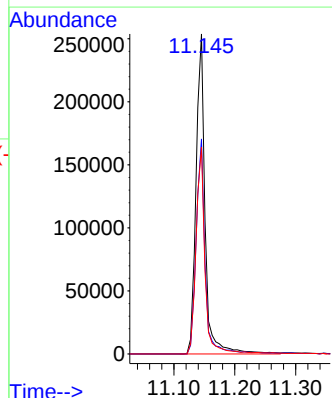
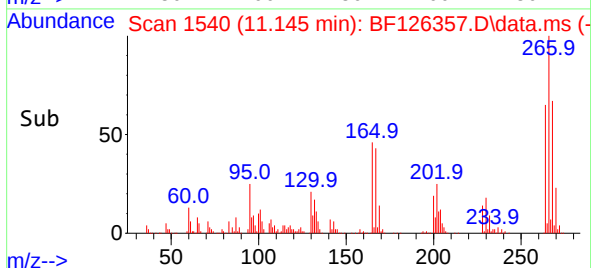
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

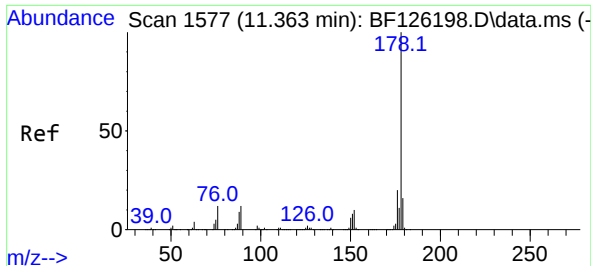


#70
Pentachlorophenol
Concen: 81.478 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion:266 Resp: 262545
Ion Ratio Lower Upper
266 100
268 67.2 48.9 73.3
264 64.6 55.9 83.9





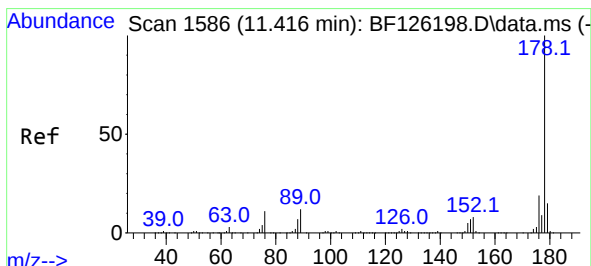
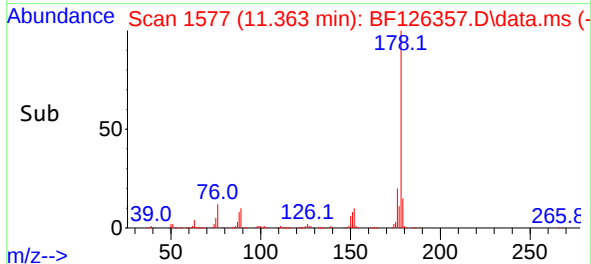
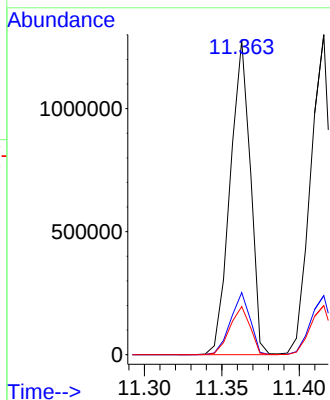
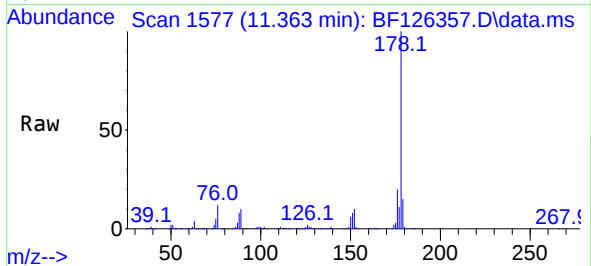
#71
Phenanthrene
Concen: 41.610 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :
BNA_F
ClientSampleId :
PB141652BS

Tgt Ion:178 Resp: 1155620
Ion Ratio Lower Upper
178 100
176 19.7 14.7 22.1
179 15.3 11.5 17.3

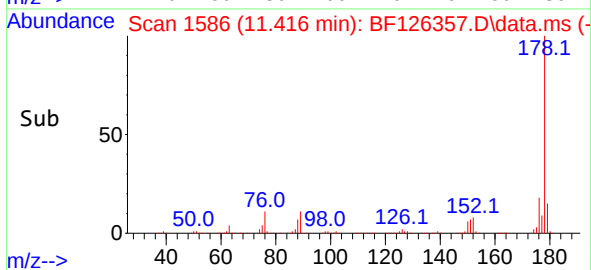
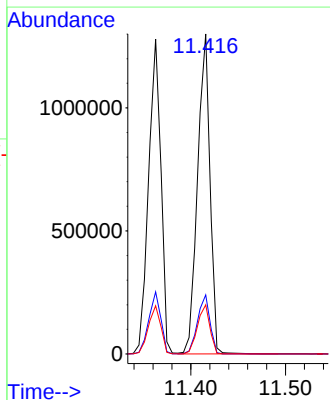
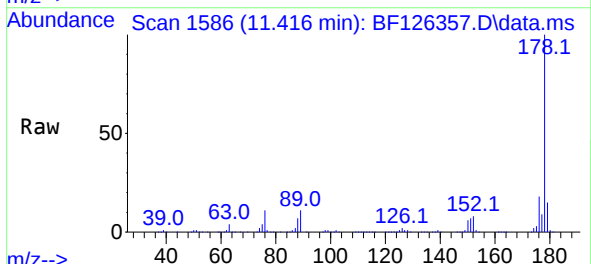
Manual Integrations
APPROVED

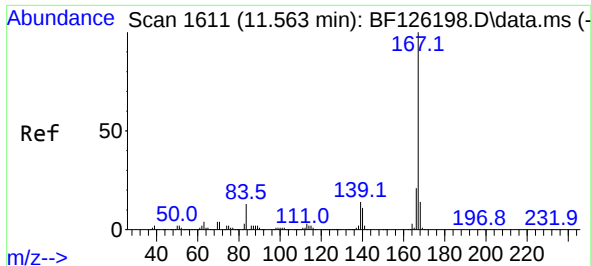
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#72
Anthracene
Concen: 42.622 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

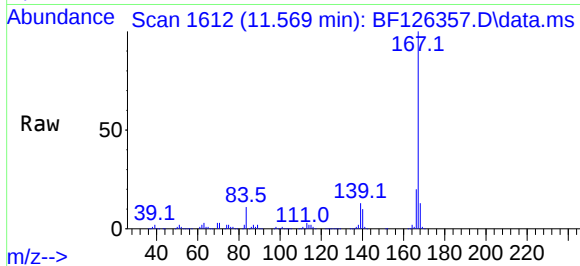
Tgt Ion:178 Resp: 1188137
Ion Ratio Lower Upper
178 100
176 18.5 14.3 21.5
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 40.063 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF126357.D
 Acq: 27 Dec 2021 15:49

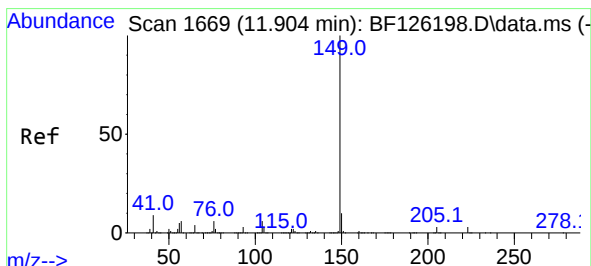
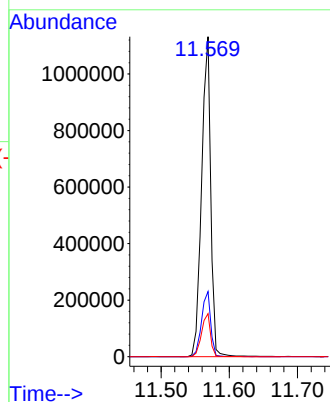
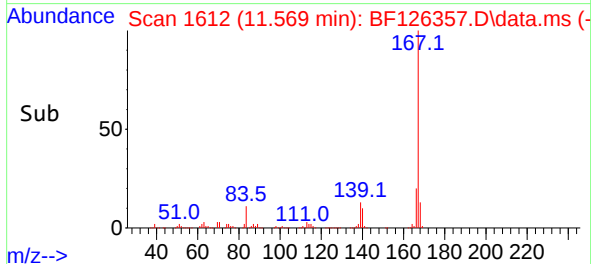
Instrument :
 BNA_F
 ClientSampleId :
 PB141652BS



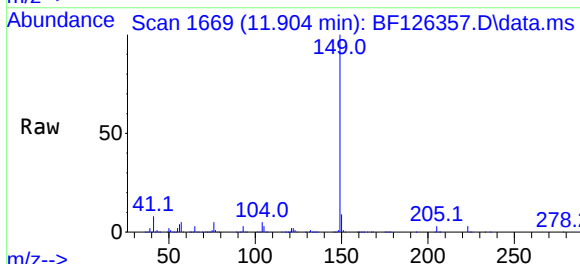
Tgt Ion:167 Resp: 105173
 Ion Ratio Lower Upper
 167 100
 166 20.3 17.4 26.0
 139 13.4 11.0 16.4

Manual Integrations
 APPROVED

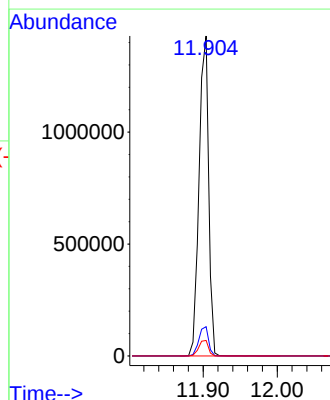
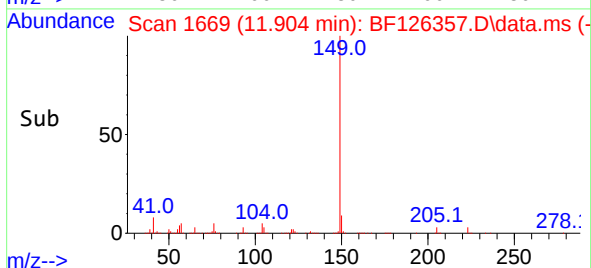
Reviewed By :Jagrut Upadhyay 12/28/2021
 Supervised By :mohammad ahmed 12/31/2021

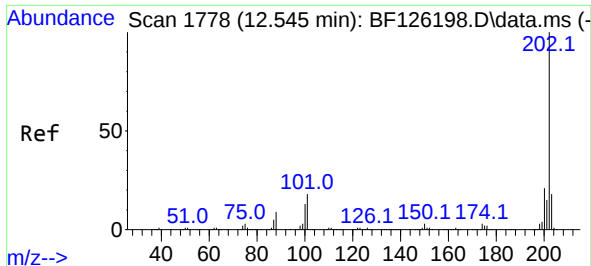


#74
 Di-n-butylphthalate
 Concen: 38.360 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF126357.D
 Acq: 27 Dec 2021 15:49



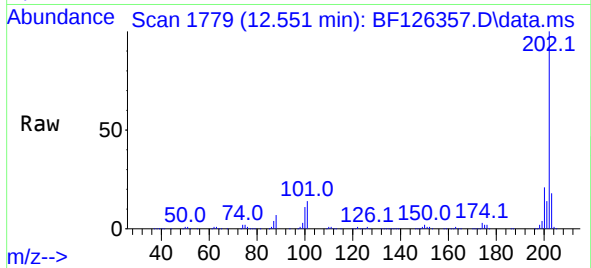
Tgt Ion:149 Resp: 1276606
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 4.1 6.1





#75
Fluoranthene
Concen: 40.749 ng
RT: 12.551 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

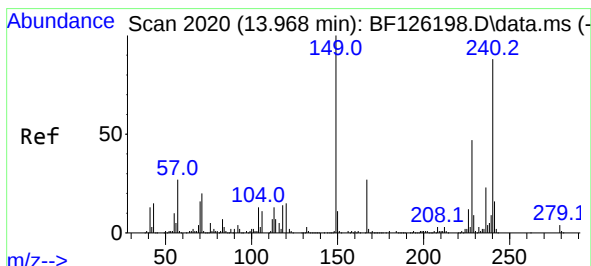
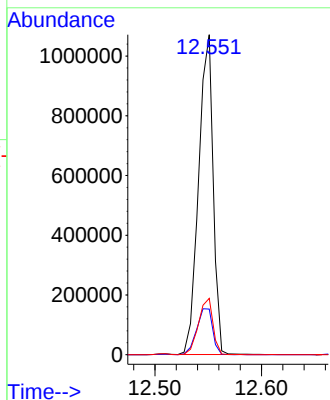
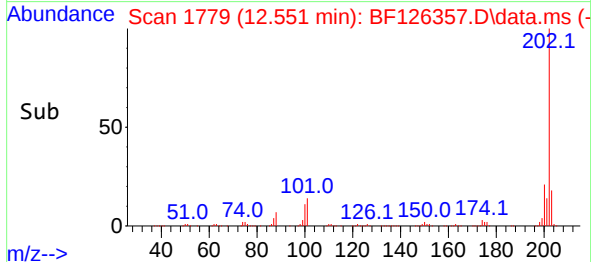
Instrument :
BNA_F
ClientSampleId :
PB141652BS



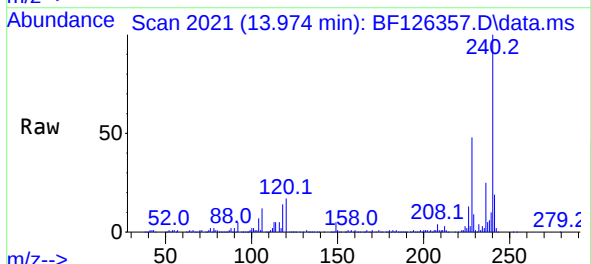
Tgt Ion:202 Resp: 1019658
Ion Ratio Lower Upper
202 100
101 14.3 0.0 30.7
203 17.6 0.0 36.3

Manual Integrations
APPROVED

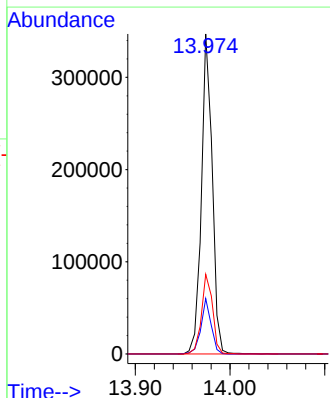
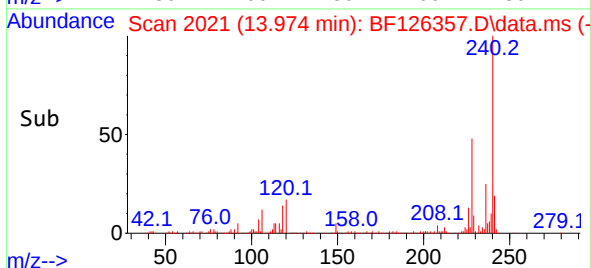
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

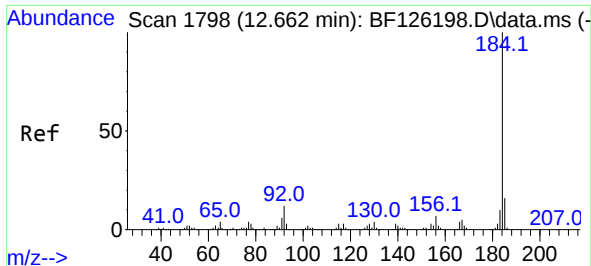


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion:240 Resp: 274511
Ion Ratio Lower Upper
240 100
120 17.3 10.8 16.2#
236 24.9 21.6 32.4





#77
Benzidine
Concen: 88.055 ng
RT: 12.669 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

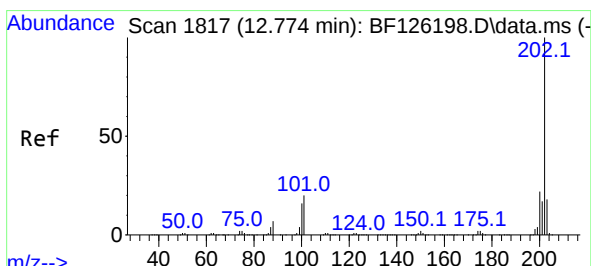
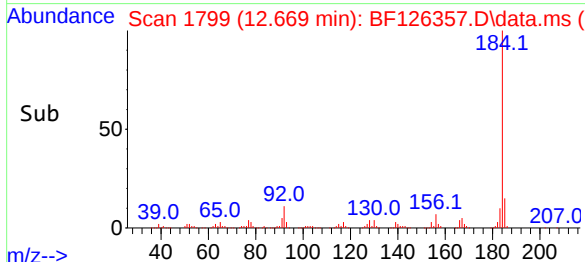
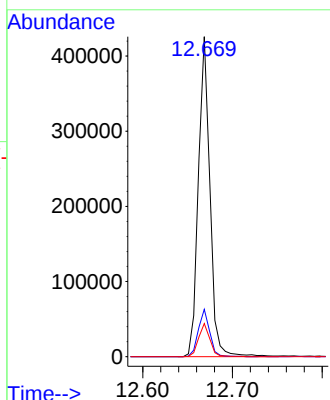
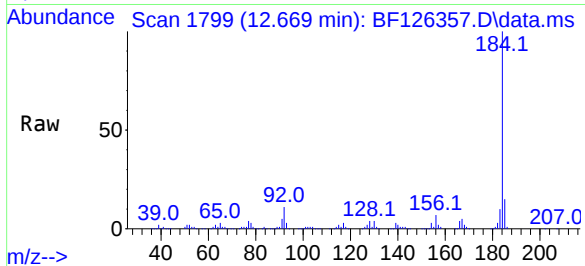
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Tgt Ion:184 Resp: 381083
Ion Ratio Lower Upper
184 100
185 14.8 10.8 16.2
183 10.3 8.1 12.1

Manual Integrations

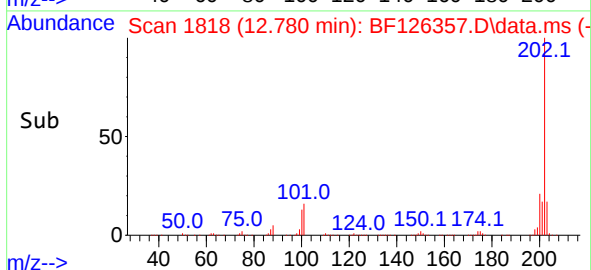
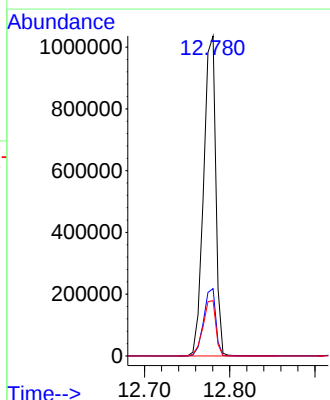
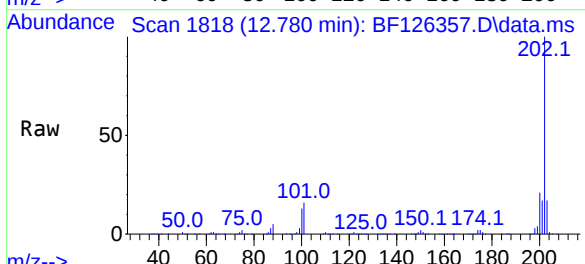
APPROVED

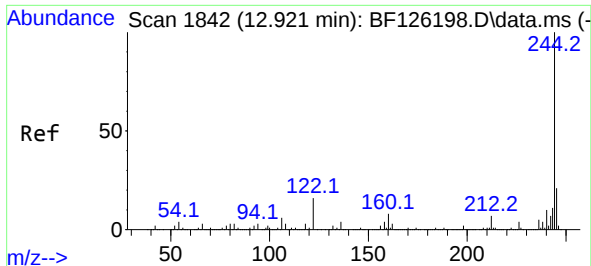
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#78
Pyrene
Concen: 40.666 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:202 Resp: 1025584
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 17.3 13.4 20.0





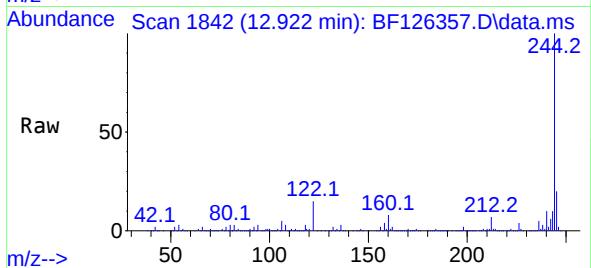
#79
 Terphenyl-d14
 Concen: 74.294 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF126357.D
 Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

PB141652BS

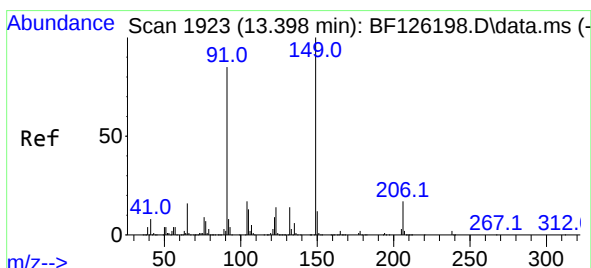
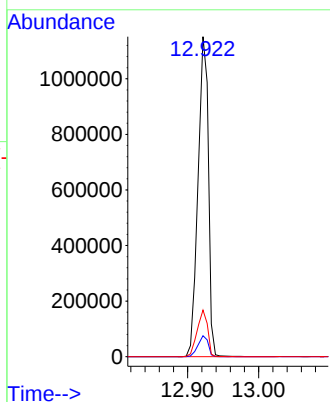
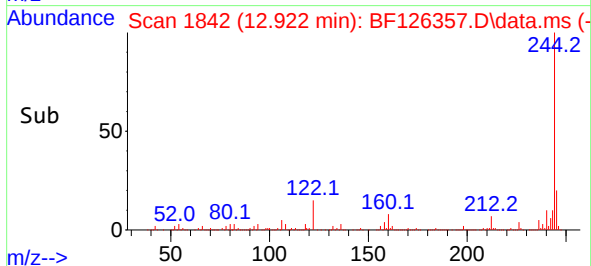


Tgt Ion:244 Resp: 1173364
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 14.6 9.0 13.4

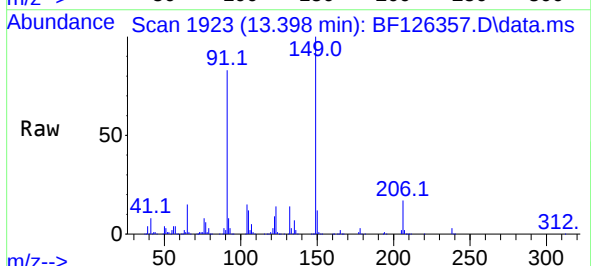
Manual Integrations

APPROVED

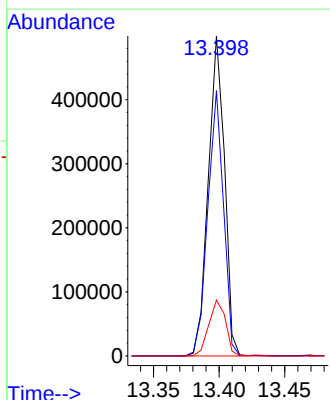
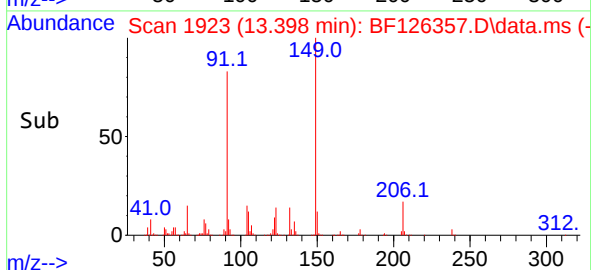
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 Supervised By :mohammad ahmed 12/31/2021

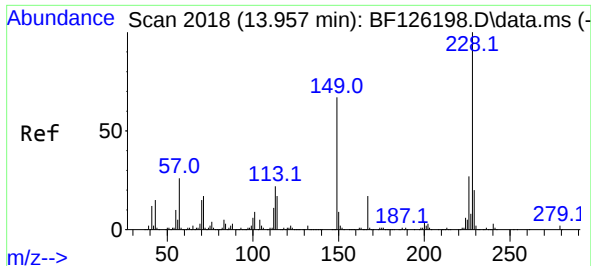


#80
 Butylbenzylphthalate
 Concen: 36.303 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF126357.D
 Acq: 27 Dec 2021 15:49



Tgt Ion:149 Resp: 430845
 Ion Ratio Lower Upper
 149 100
 91 82.9 51.8 77.8#
 206 17.5 14.5 21.7





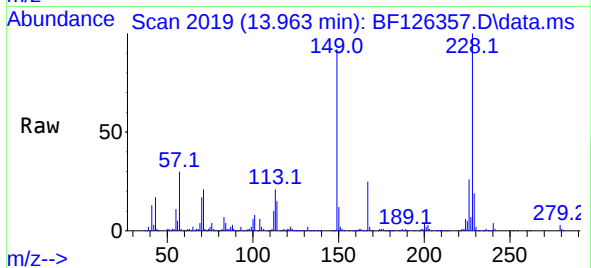
#81
Benzo(a)anthracene
Concen: 39.586 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

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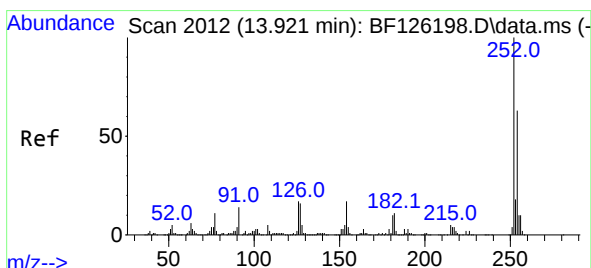
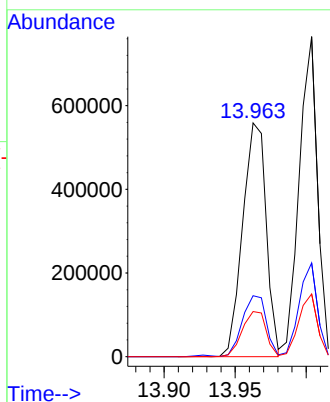
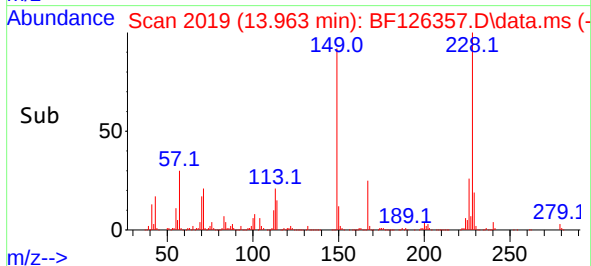


Tgt Ion:228 Resp: 64369
Ion Ratio Lower Upper
228 100
226 26.1 21.6 32.4
229 19.3 15.6 23.4

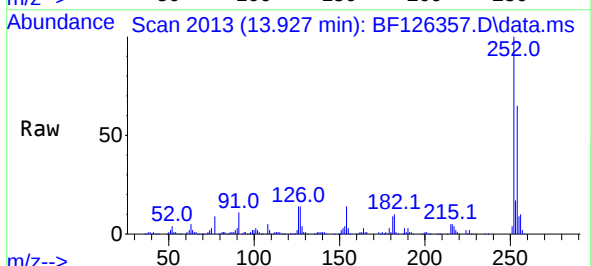
Manual Integrations

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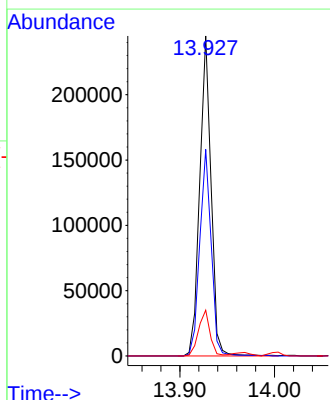
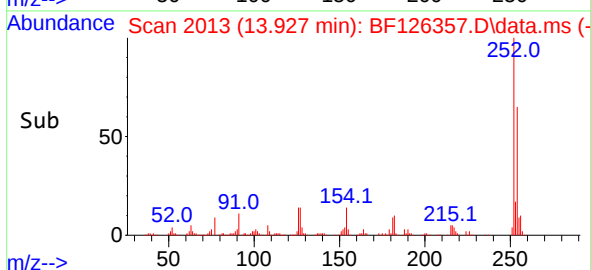
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Supervised By :mohammad ahmed 12/31/2021

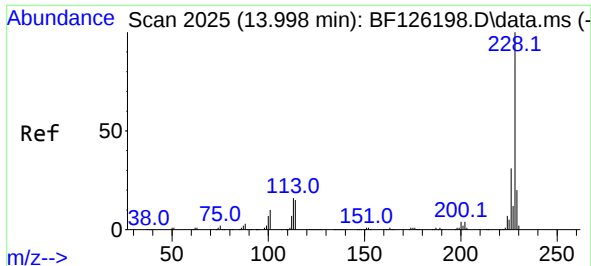


#82
3,3'-Dichlorobenzidine
Concen: 27.591 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion:252 Resp: 204962
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.0
126 14.3 9.5 14.3#





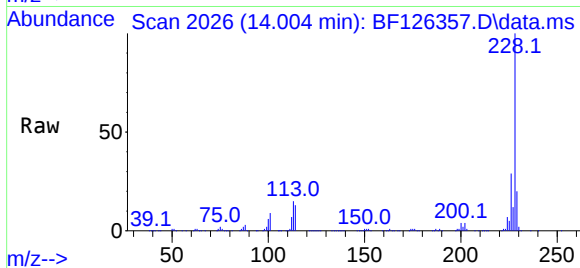
#83
Chrysene
Concen: 40.678 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

PB141652BS

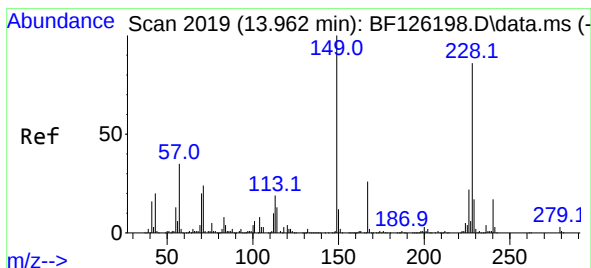
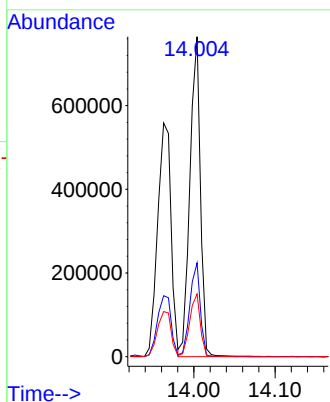
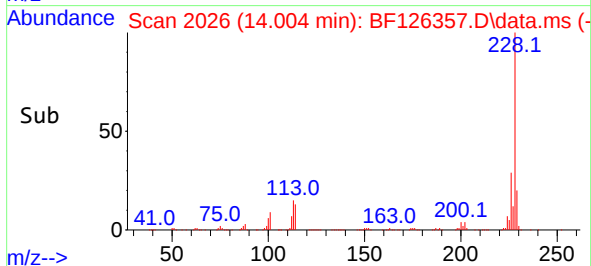


Tgt Ion:228 Resp: 687240
Ion Ratio Lower Upper
228 100
226 29.3 22.6 34.0
229 19.6 15.9 23.9

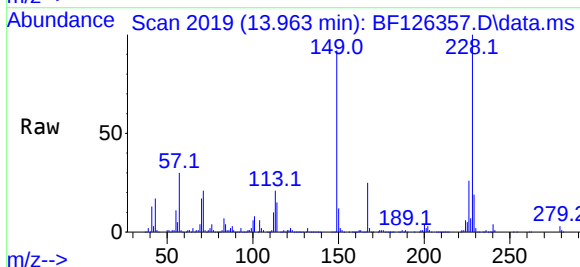
Manual Integrations

APPROVED

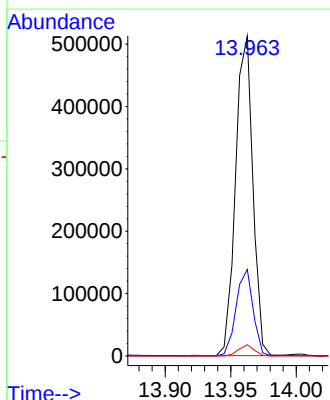
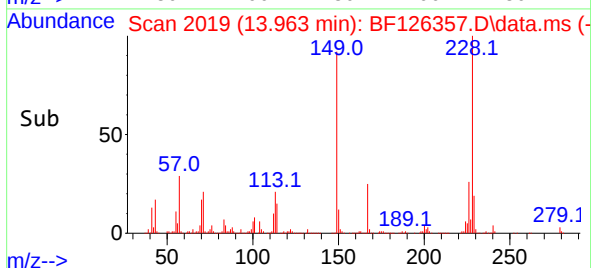
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

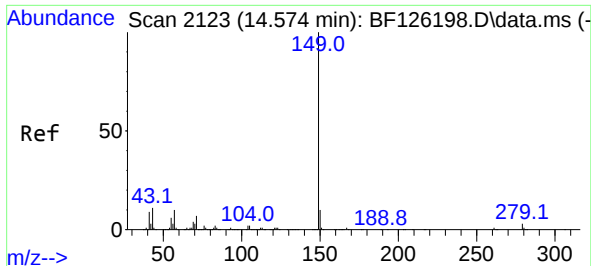


#84
Bis(2-ethylhexyl)phthalate
Concen: 35.520 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion:149 Resp: 471066
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 3.5 2.6 4.0





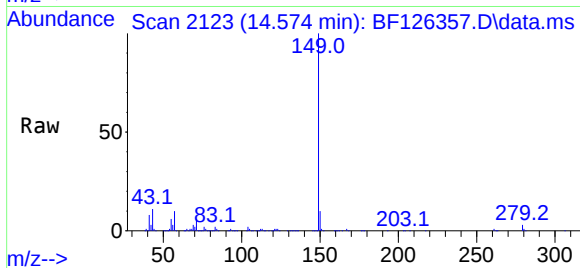
#85
Di-n-octyl phthalate
Concen: 38.565 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

PB141652BS

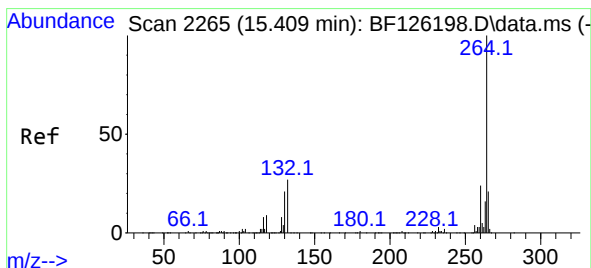
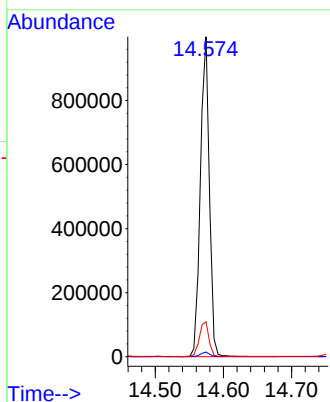
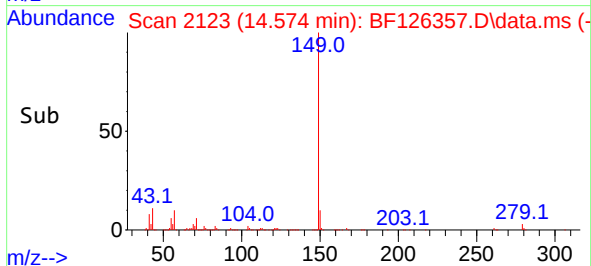


Tgt Ion:149 Resp: 91174
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 11.5 9.9 14.9

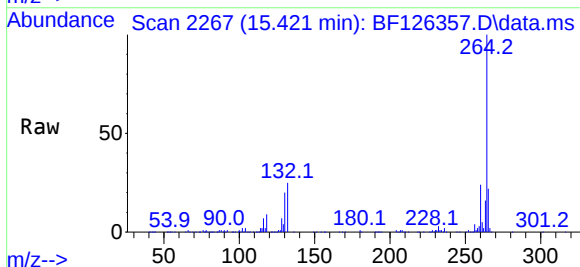
Manual Integrations

APPROVED

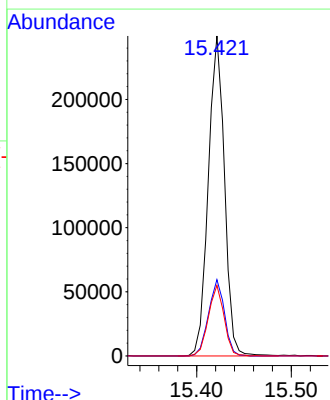
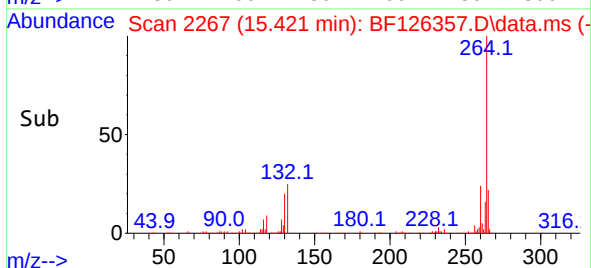
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

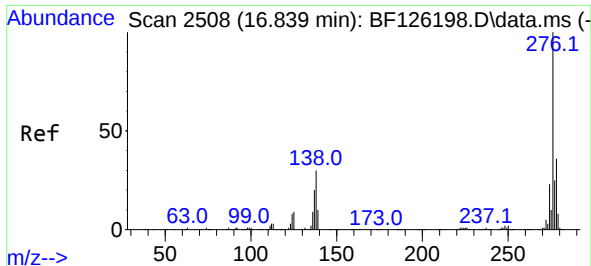


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49



Tgt Ion:264 Resp: 295894
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 22.1 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.324 ng
RT: 16.857 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

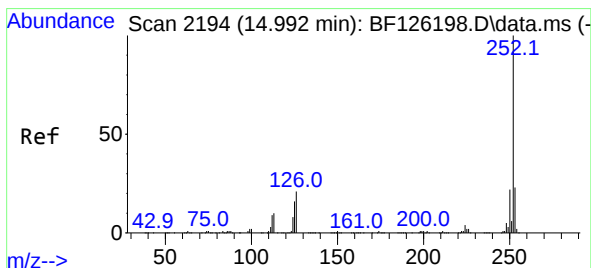
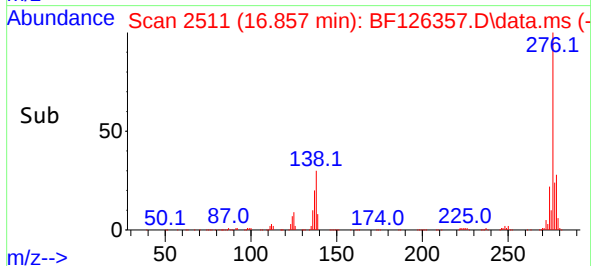
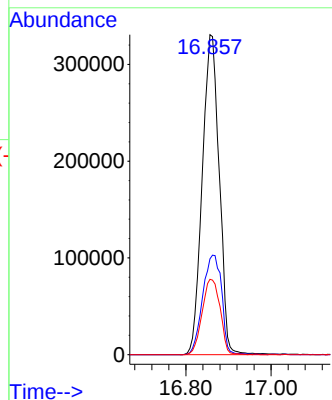
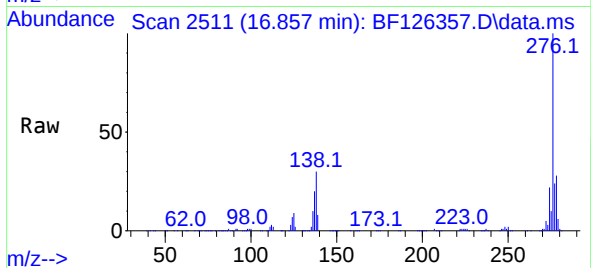
PB141652BS

Tgt Ion:276 Resp: 914278
Ion Ratio Lower Upper
276 100
138 34.7 24.1 36.1
277 24.9 18.8 28.2

Manual Integrations

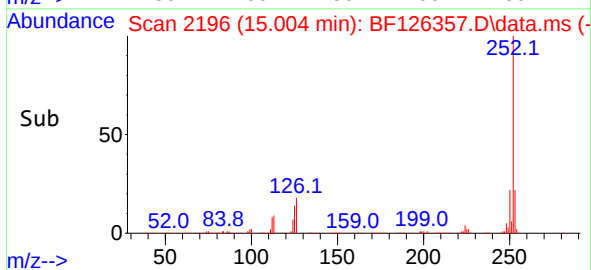
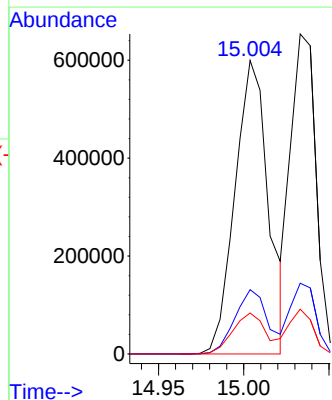
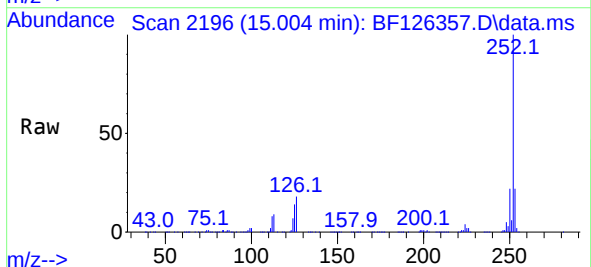
APPROVED

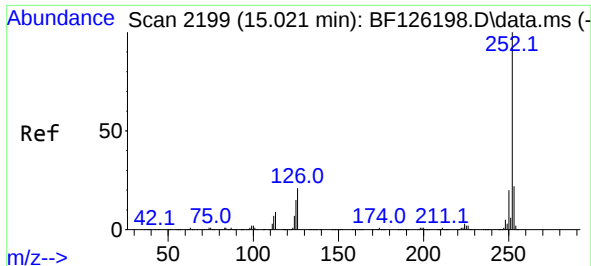
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#88
Benzo(b)fluoranthene
Concen: 46.134 ng
RT: 15.004 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:252 Resp: 820203
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 13.9 9.8 14.8





#89
Benzo(k)fluoranthene
Concen: 40.298 ng
RT: 15.033 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

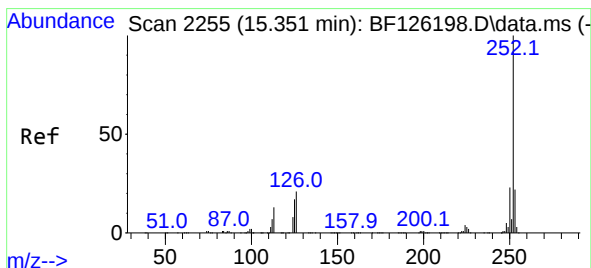
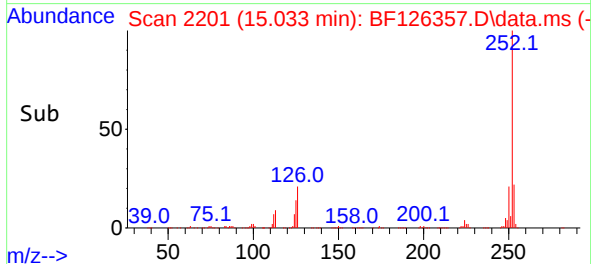
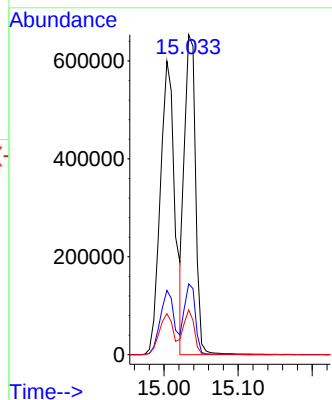
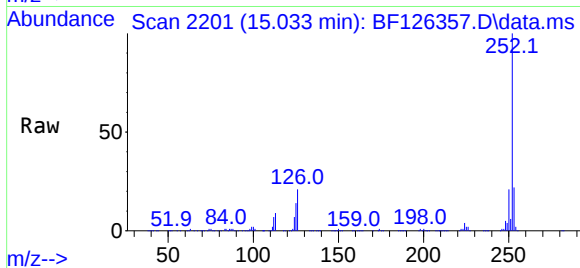
PB141652BS

Tgt Ion:252 Resp: 685369
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 14.0 7.2 10.8

Manual Integrations

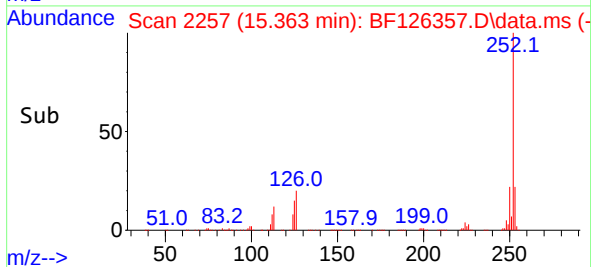
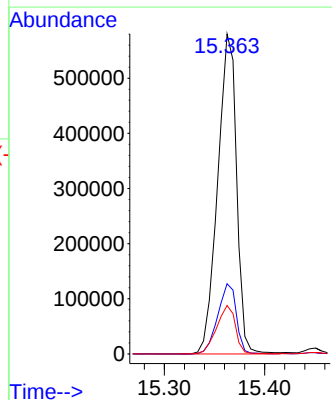
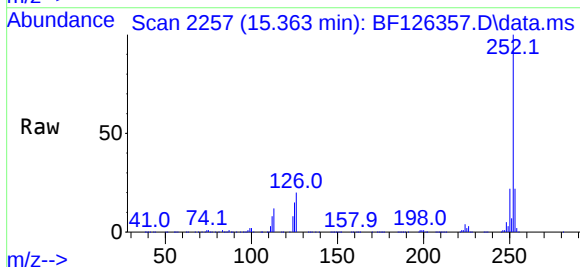
APPROVED

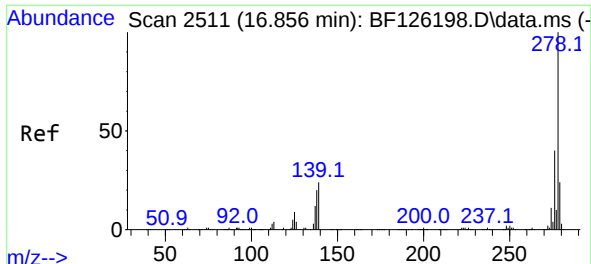
Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#90
Benzo(a)pyrene
Concen: 51.376 ng
RT: 15.363 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:252 Resp: 759158
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 15.1 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 47.717 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Instrument :

BNA_F

ClientSampleId :

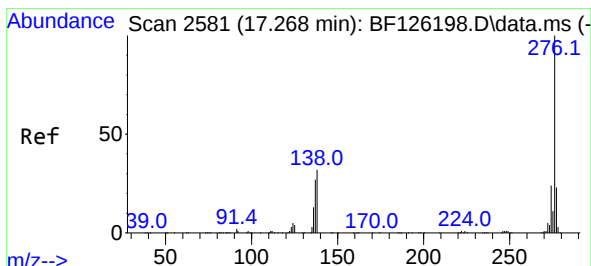
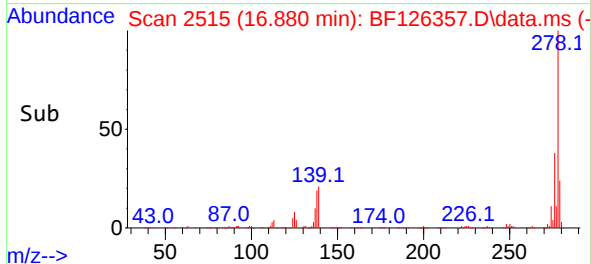
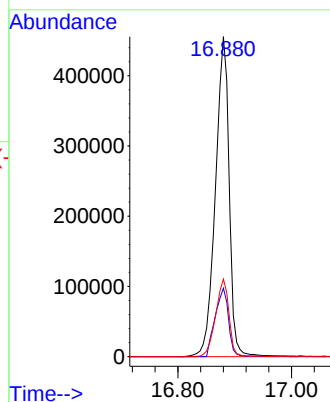
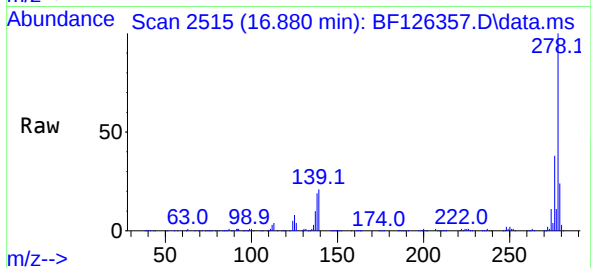
PB141652BS

Tgt Ion:278 Resp: 765560
Ion Ratio Lower Upper
278 100
139 21.4 14.9 22.3
279 24.3 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021



#92
Benzo(g,h,i)perylene
Concen: 50.059 ng
RT: 17.298 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BF126357.D
Acq: 27 Dec 2021 15:49

Tgt Ion:276 Resp: 830975
Ion Ratio Lower Upper
276 100
277 23.2 22.0 33.0
138 30.0 22.2 33.4

