

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128018.D
 Acq On : 02 May 2022 11:22
 Operator : CG\JU
 Sample : PB144471BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144471BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 02 14:37:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	131888	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	513374	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	298688	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	546238	20.000	ng	0.00
76) Chrysene-d12	14.121	240	360495	20.000	ng	0.00
86) Perylene-d12	15.633	264	271291	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1047576	126.514	ng	0.02
7) Phenol-d6	6.569	99	1375699	128.040	ng	0.00
23) Nitrobenzene-d5	7.504	82	1021404	93.559	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	429386	142.805	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1652265	93.583	ng	0.00
79) Terphenyl-d14	13.057	244	1912508	97.009	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.905	88	145979	36.950	ng	97
3) Pyridine	3.652	79	401633	39.676	ng	98
4) n-Nitrosodimethylamine	3.622	42	243984	49.794	ng	93
6) Aniline	6.598	93	505473	39.597	ng	98
8) 2-Chlorophenol	6.722	128	429962	50.030	ng	98
9) Benzaldehyde	6.487	77	278527	41.904	ng	95
10) Phenol	6.581	94	510520m	47.111	ng	
11) bis(2-Chloroethyl)ether	6.669	93	431673	48.021	ng	98
12) 1,3-Dichlorobenzene	6.875	146	455464	46.041	ng	99
13) 1,4-Dichlorobenzene	6.951	146	450192	45.592	ng	99
14) 1,2-Dichlorobenzene	7.098	146	433749	47.450	ng	98
15) Benzyl Alcohol	7.075	79	376174	51.485	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.198	45	641161	46.668	ng	90
17) 2-Methylphenol	7.187	107	382756	51.618	ng	93
18) Hexachloroethane	7.440	117	179748	49.515	ng	96
19) n-Nitroso-di-n-propyla...	7.345	70	336959	51.232	ng	98
20) 3+4-Methylphenols	7.340	107	424044	47.339	ng	# 87
22) Acetophenone	7.345	105	589465	47.110	ng	# 92
24) Nitrobenzene	7.522	77	522272	49.646	ng	99
25) Isophorone	7.757	82	954717	51.959	ng	99
26) 2-Nitrophenol	7.834	139	228195	50.904	ng	95
27) 2,4-Dimethylphenol	7.863	122	400739	53.820	ng	97
28) bis(2-Chloroethoxy)met...	7.957	93	554726	47.107	ng	100
29) 2,4-Dichlorophenol	8.075	162	368924	47.295	ng	100
30) 1,2,4-Trichlorobenzene	8.157	180	401773	45.343	ng	98
31) Naphthalene	8.240	128	1208679	46.226	ng	99
32) Benzoic acid	8.010	122	213388	39.983	ng	97
33) 4-Chloroaniline	8.287	127	265962	25.708	ng	100
34) Hexachlorobutadiene	8.345	225	264006	47.302	ng	98
35) Caprolactam	8.681	113	110117m	43.732	ng	
36) 4-Chloro-3-methylphenol	8.775	107	423273	50.808	ng	96
37) 2-Methylnaphthalene	8.934	142	821480	47.539	ng	100
38) 1-Methylnaphthalene	9.034	142	782736	46.602	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	401406	45.594	ng	98
41) Hexachlorocyclopentadiene	9.081	237	523301	109.710	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	269729	46.562	ng	99

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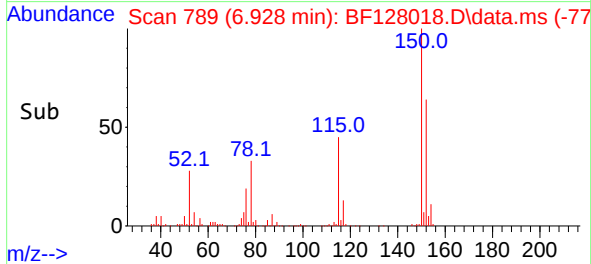
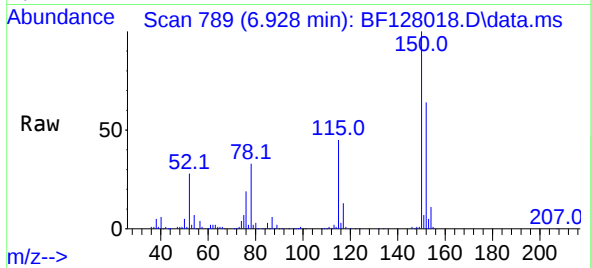
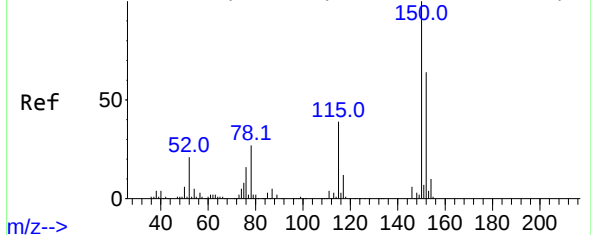
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	284759	45.219	ng	96
46) 1,1'-Biphenyl	9.398	154	1009382	45.621	ng	99
47) 2-Chloronaphthalene	9.422	162	753056	44.710	ng	96
48) 2-Nitroaniline	9.522	65	288483	50.634	ng	96
49) Acenaphthylene	9.845	152	1222344	47.443	ng	100
50) Dimethylphthalate	9.698	163	951646	47.507	ng	100
51) 2,6-Dinitrotoluene	9.769	165	214682	49.499	ng	91
52) Acenaphthene	10.016	154	876791m	50.619	ng	
53) 3-Nitroaniline	9.934	138	144251	29.952	ng	96
54) 2,4-Dinitrophenol	10.051	184	224953	98.487	ng	# 85
55) Dibenzofuran	10.186	168	1097542	43.918	ng	99
56) 4-Nitrophenol	10.110	139	306866	83.442	ng	96
57) 2,4-Dinitrotoluene	10.175	165	285806	49.749	ng	# 79
58) Fluorene	10.534	166	866122	46.446	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.304	232	241598	45.623	ng	98
60) Diethylphthalate	10.398	149	926503	47.167	ng	99
61) 4-Chlorophenyl-phenyle...	10.516	204	429928	46.395	ng	94
62) 4-Nitroaniline	10.563	138	215044	45.672	ng	97
63) Azobenzene	10.681	77	992258	45.907	ng	98
65) 4,6-Dinitro-2-methylph...	10.586	198	158437	48.815	ng	97
66) n-Nitrosodiphenylamine	10.639	169	773639	45.517	ng	100
67) 4-Bromophenyl-phenylether	11.010	248	278397	45.975	ng	97
68) Hexachlorobenzene	11.081	284	305032	47.812	ng	# 92
69) Atrazine	11.169	200	282308	53.715	ng	96
70) Pentachlorophenol	11.275	266	316406	84.301	ng	98
71) Phenanthrene	11.498	178	1270699	44.441	ng	99
72) Anthracene	11.551	178	1306639	45.875	ng	100
73) Carbazole	11.704	167	1169858	42.616	ng	99
74) Di-n-butylphthalate	12.022	149	1429065	46.296	ng	99
75) Fluoranthene	12.692	202	1354997	45.027	ng	97
77) Benzidine	12.810	184	586256	85.948	ng	97
78) Pyrene	12.922	202	1381141	47.460	ng	100
80) Butylbenzylphthalate	13.527	149	576696	50.560	ng	99
81) Benzo(a)anthracene	14.110	228	1140731	47.475	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	219744	28.803	ng	99
83) Chrysene	14.151	228	1019200	44.414	ng	100
84) Bis(2-ethylhexyl)phtha...	14.080	149	766565	50.678	ng	100
85) Di-n-octyl phthalate	14.698	149	1162677	49.600	ng	99
87) Indeno(1,2,3-cd)pyrene	17.192	276	824281	45.520	ng	97
88) Benzo(b)fluoranthene	15.186	252	876134	51.418	ng	99
89) Benzo(k)fluoranthene	15.216	252	846091	49.286	ng	99
90) Benzo(a)pyrene	15.574	252	787604	55.724	ng	# 97
91) Dibenzo(a,h)anthracene	17.210	278	702310	48.360	ng	98
92) Benzo(g,h,i)perylene	17.668	276	735696	48.070	ng	97

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

Abundance Scan 792 (6.945 min): BF127861.D\data.ms (-78)



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

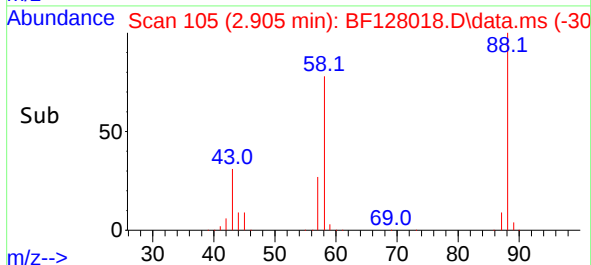
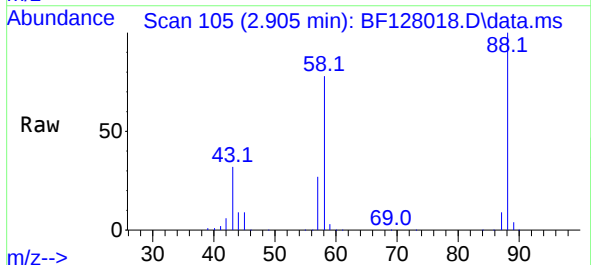
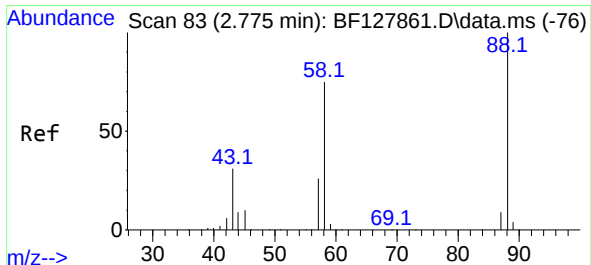
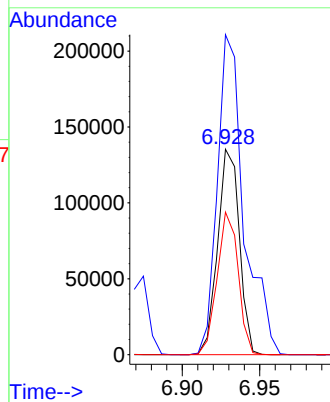
ClientSampleId :

PB144471BS

Tgt Ion:152 Resp: 13188
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 69.4 48.8 73.2

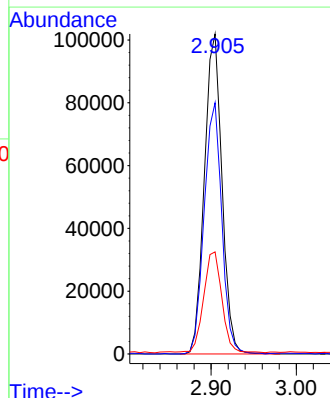
Manual Integrations
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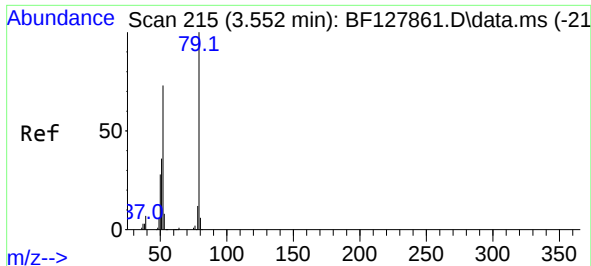
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#2
1,4-Dioxane
Concen: 36.950 ng
RT: 2.905 min Scan# 105
Delta R.T. 0.141 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

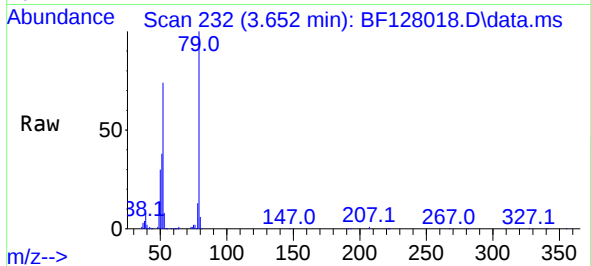
Tgt Ion: 88 Resp: 145979
Ion Ratio Lower Upper
88 100
58 78.7 61.0 91.4
43 32.6 24.9 37.3





#3
Pyridine
Concen: 39.676 ng
RT: 3.652 min Scan# 215
Delta R.T. 0.112 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

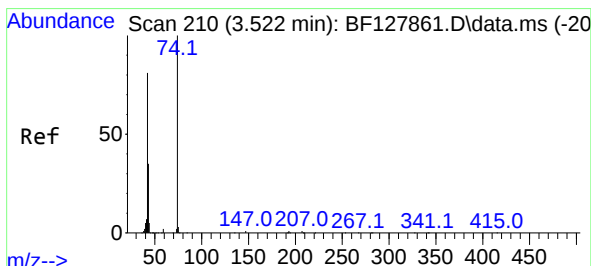
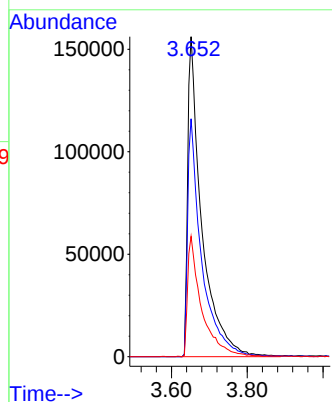
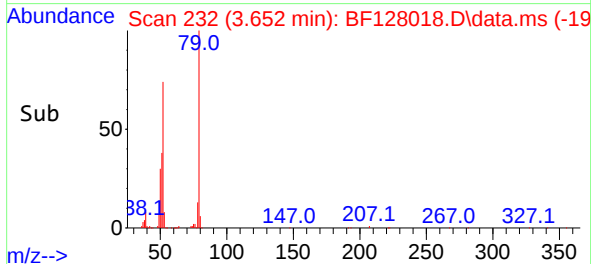
Instrument :
BNA_F
ClientSampleId :
PB144471BS



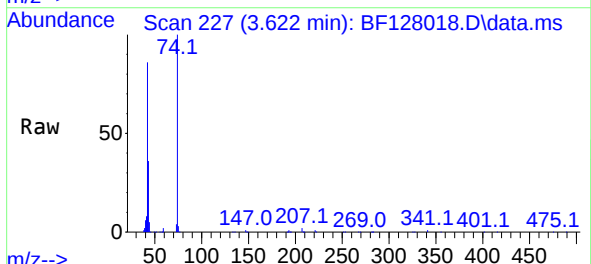
Tgt Ion: 79 Resp: 40163
Ion Ratio Lower Upper
79 100
52 74.3 58.3 87.5
51 37.6 28.6 42.8

Manual Integrations
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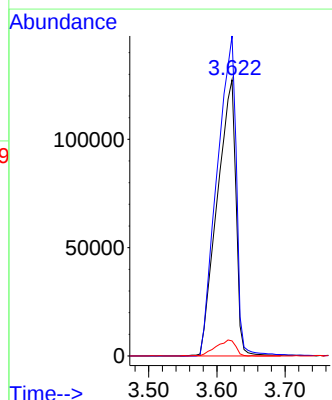
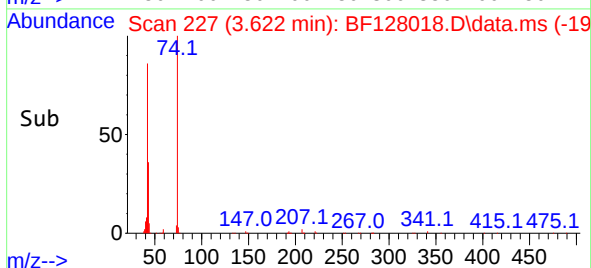
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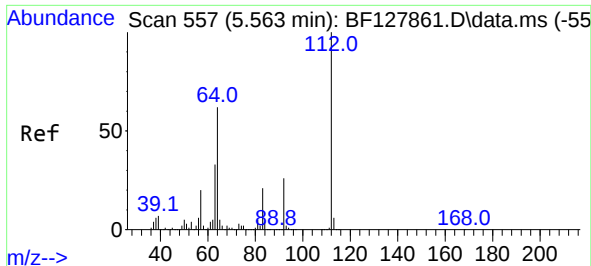


#4
n-Nitrosodimethylamine
Concen: 49.794 ng
RT: 3.622 min Scan# 227
Delta R.T. 0.112 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion: 42 Resp: 243984
Ion Ratio Lower Upper
42 100
74 115.9 99.0 148.4
44 5.5 5.2 7.8





#5
2-Fluorophenol
Concen: 126.514 ng
RT: 5.575 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

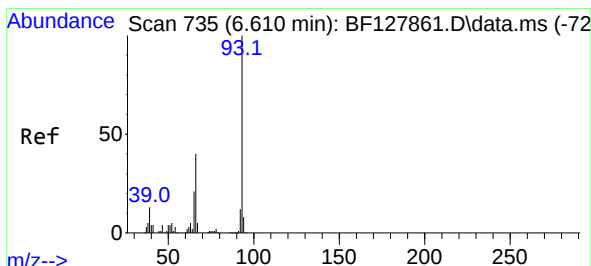
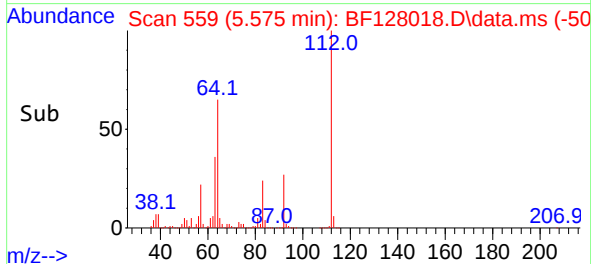
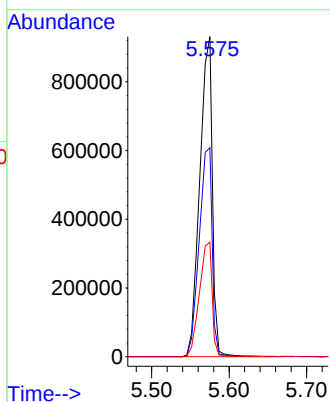
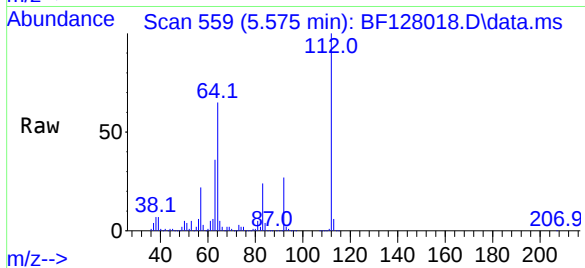
PB144471BS

Tgt Ion:112 Resp: 1047570
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 35.8 26.3 39.5

Manual Integrations

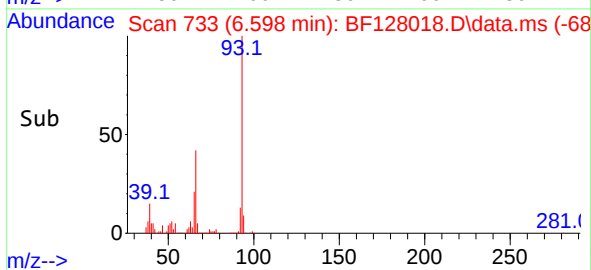
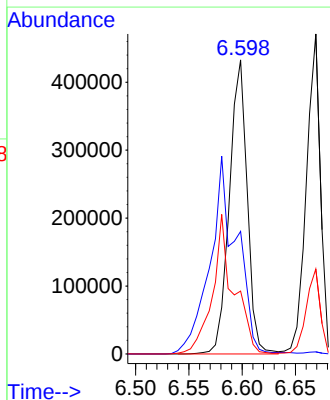
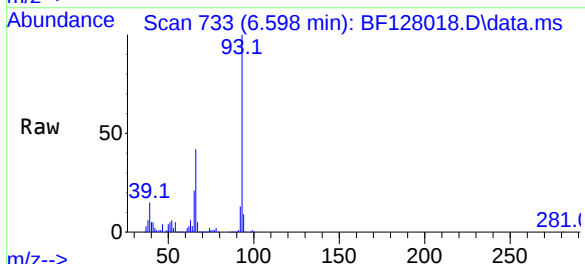
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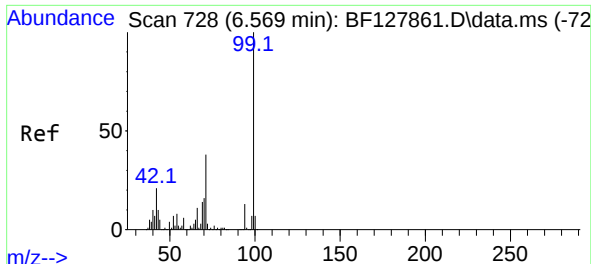
Reviewed By :Christian Giraldo 05/03/2022
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#6
Aniline
Concen: 39.597 ng
RT: 6.598 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

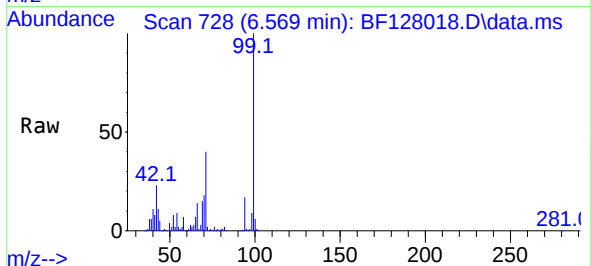
Tgt Ion: 93 Resp: 505473
Ion Ratio Lower Upper
93 100
66 41.7 32.2 48.4
65 21.4 16.7 25.1





#7
Phenol-d6
Concen: 128.040 ng
RT: 6.569 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

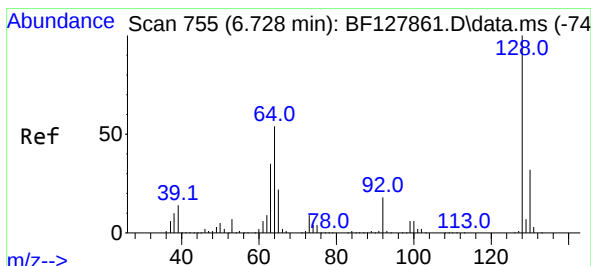
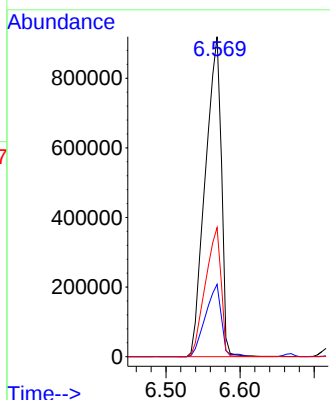
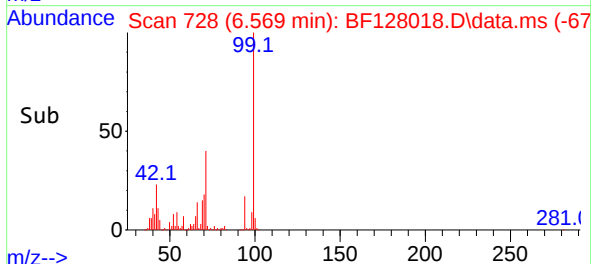
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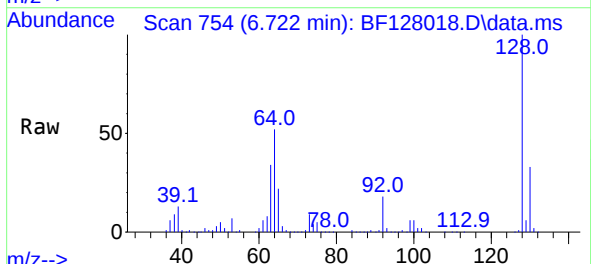
Tgt Ion: 99 Resp: 137569
Ion Ratio Lower Upper
99 100
42 22.6 16.6 24.8
71 40.4 30.0 45.0

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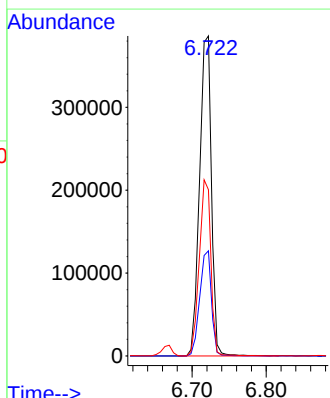
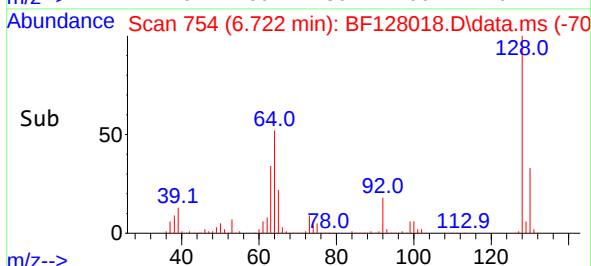
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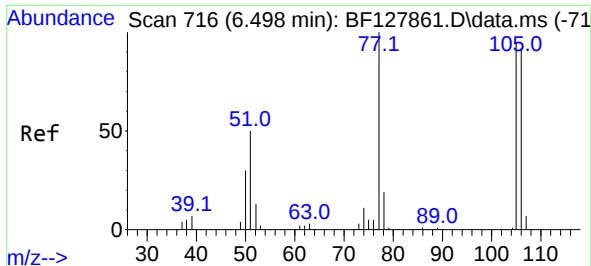


#8
2-Chlorophenol
Concen: 50.030 ng
RT: 6.722 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



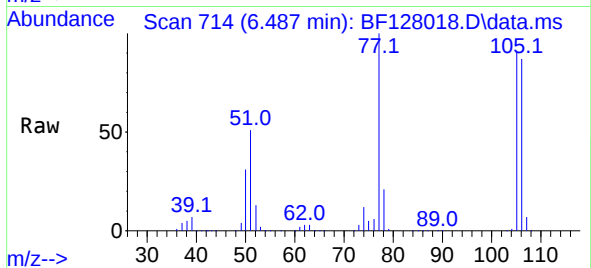
Tgt Ion:128 Resp: 429962
Ion Ratio Lower Upper
128 100
130 32.8 11.6 51.6
64 52.0 33.8 73.8





#9
Benzaldehyde
Concen: 41.904 ng
RT: 6.487 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

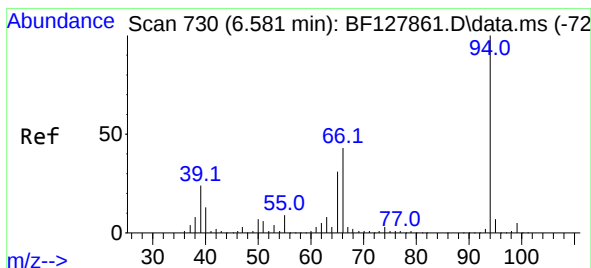
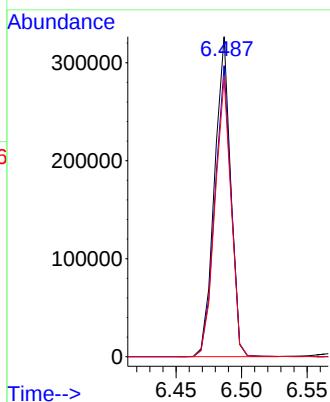
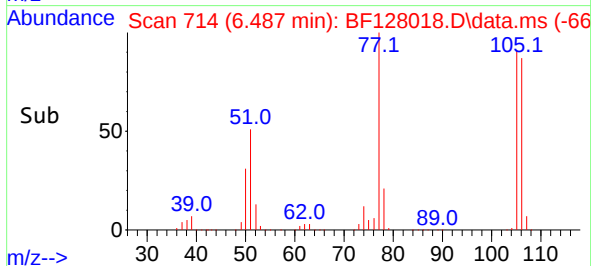
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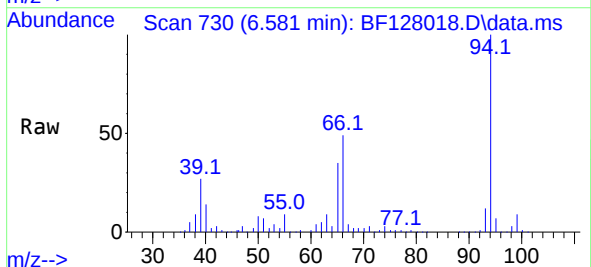
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Ion Ratio Lower Upper
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106 87.2 72.2 112.2

Manual Integrations
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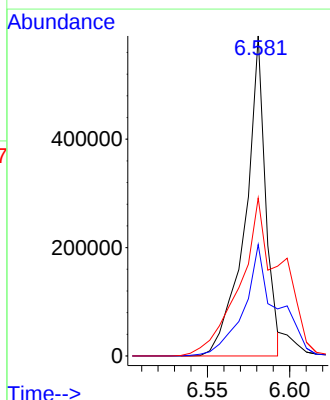
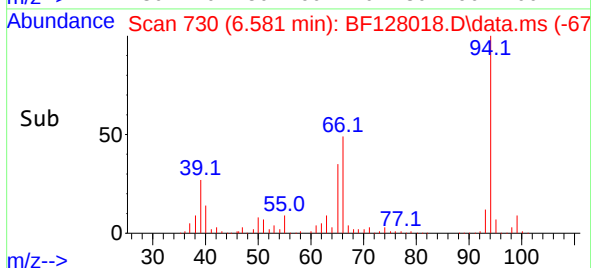
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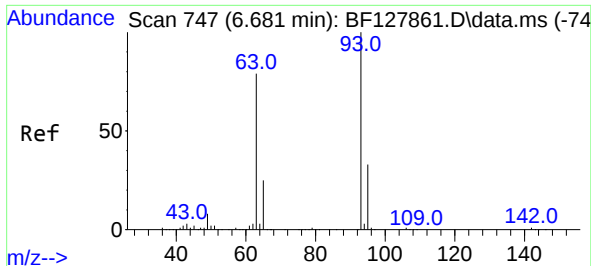


#10
Phenol
Concen: 47.111 ng m
RT: 6.581 min Scan# 730
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



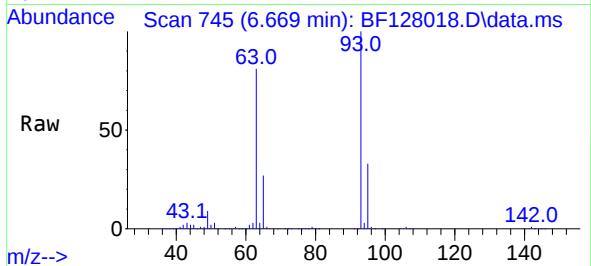
Tgt Ion: 94 Resp: 510520
Ion Ratio Lower Upper
94 100
65 34.8 10.6 50.6
66 49.3 22.6 62.6





#11
bis(2-Chloroethyl)ether
Concen: 48.021 ng
RT: 6.669 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

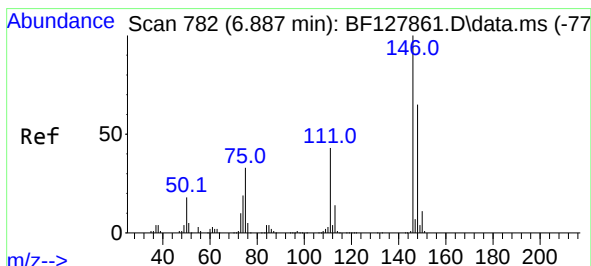
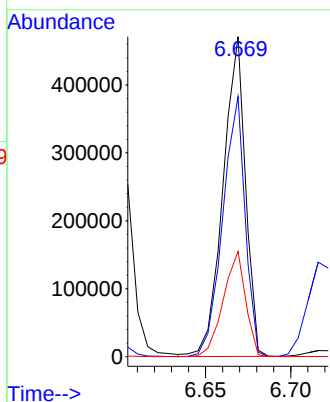
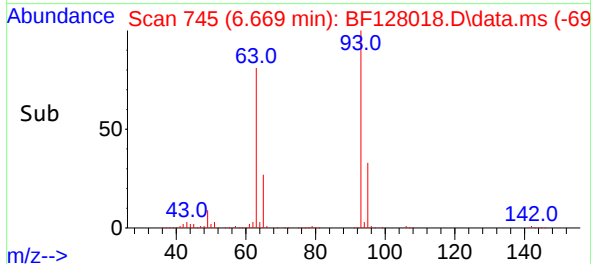
Instrument :
BNA_F
ClientSampleId :
PB144471BS



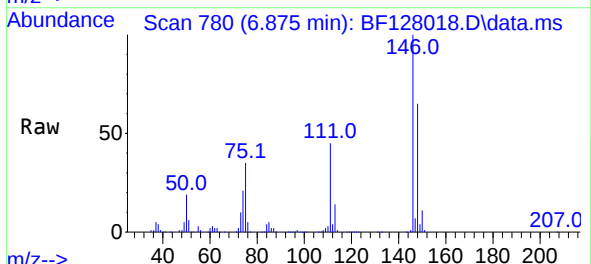
Tgt Ion: 93 Resp: 43167
Ion Ratio Lower Upper
93 100
63 81.3 58.6 98.6
95 32.9 12.9 52.9

Manual Integrations
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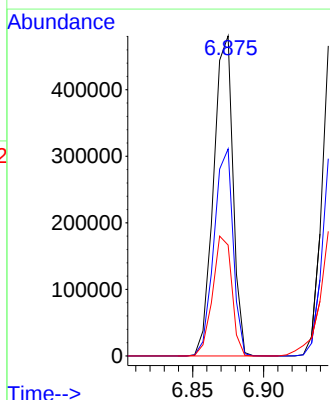
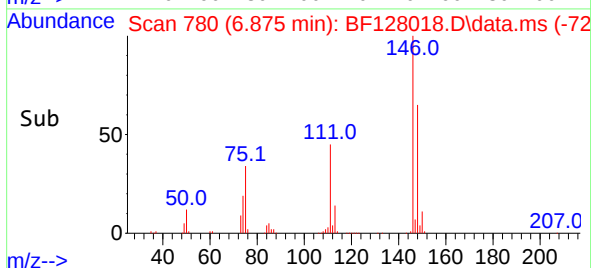
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



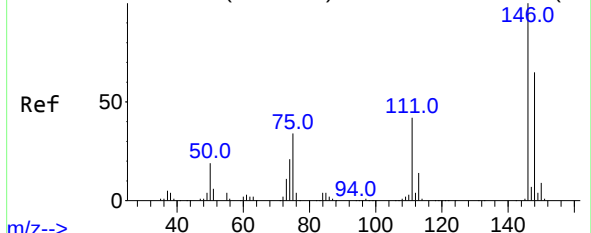
#12
1,3-Dichlorobenzene
Concen: 46.041 ng
RT: 6.875 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion:146 Resp: 455464
Ion Ratio Lower Upper
146 100
148 64.7 52.1 78.1
75 34.6 26.2 39.4

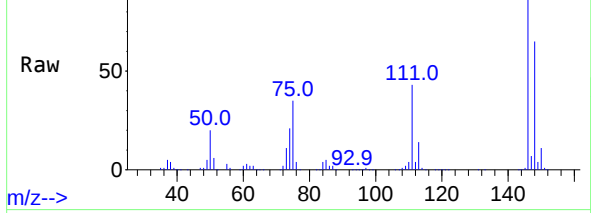


Abundance Scan 795 (6.963 min): BF127861.D\data.ms (-78



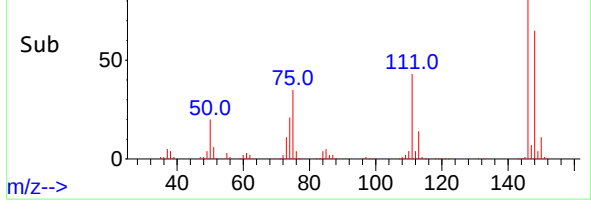
m/z-->

Abundance Scan 793 (6.951 min): BF128018.D\data.ms



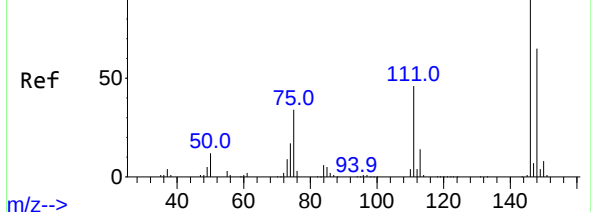
m/z-->

Abundance Scan 793 (6.951 min): BF128018.D\data.ms (-74



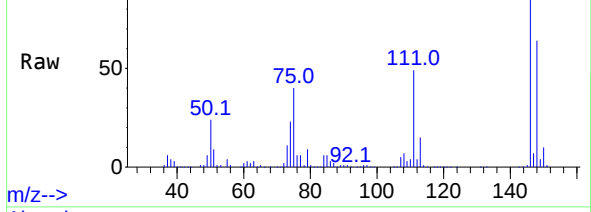
m/z-->

Abundance Scan 821 (7.116 min): BF127861.D\data.ms (-81



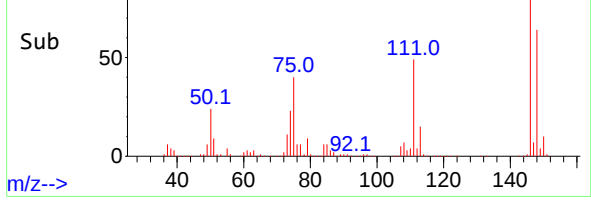
m/z-->

Abundance Scan 818 (7.098 min): BF128018.D\data.ms



m/z-->

Abundance Scan 818 (7.098 min): BF128018.D\data.ms (-76



m/z-->

#13

1,4-Dichlorobenzene

Concen: 45.592 ng

RT: 6.951 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Tgt Ion:146 Resp: 450192

Ion Ratio Lower Upper

146 100

148 65.3 52.3 78.5

111 43.2 33.9 50.9

Instrument :

BNA_F

ClientSampleId :

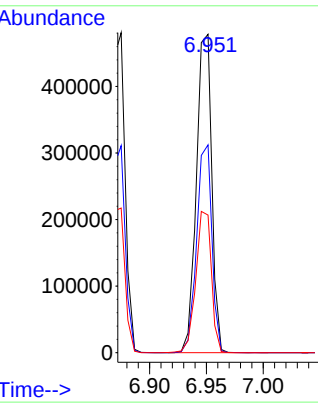
PB144471BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2022

Supervised By :Jagrut Upadhyay 05/05/2022



#14

1,2-Dichlorobenzene

Concen: 47.450 ng

RT: 7.098 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

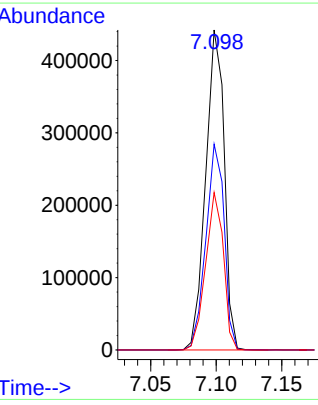
Tgt Ion:146 Resp: 433749

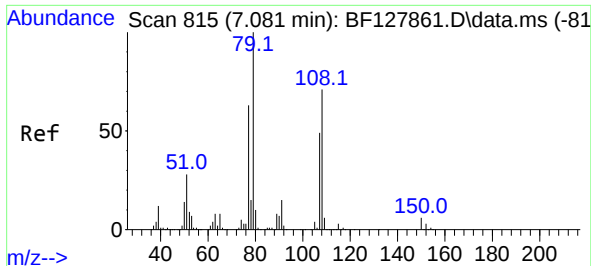
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

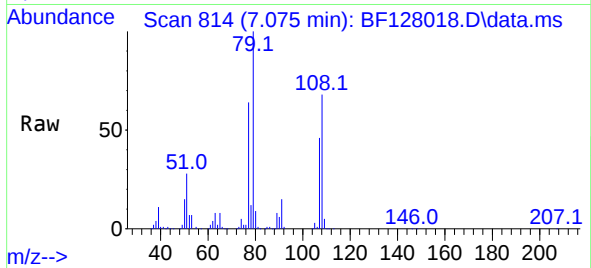
111 49.2 36.6 55.0





#15
Benzyl Alcohol
Concen: 51.485 ng
RT: 7.075 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

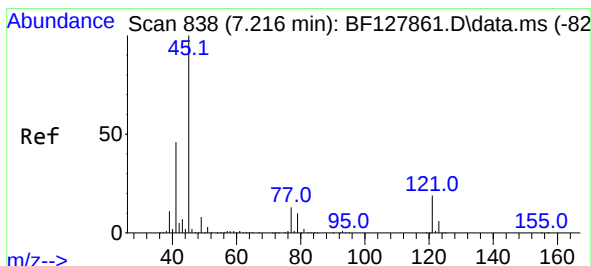
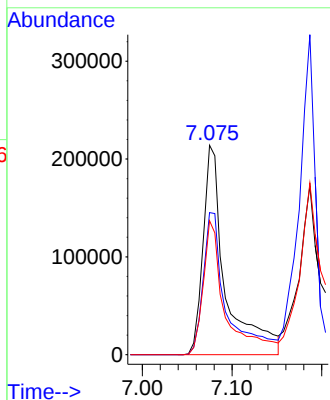
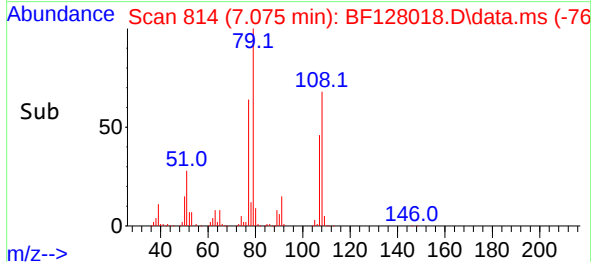
Instrument :
BNA_F
ClientSampleId :
PB144471BS



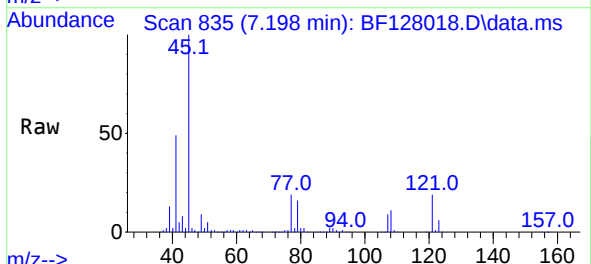
Tgt Ion: 79 Resp: 376174
Ion Ratio Lower Upper
79 100
108 67.8 57.0 85.6
77 64.0 50.2 75.4

Manual Integrations
APPROVED

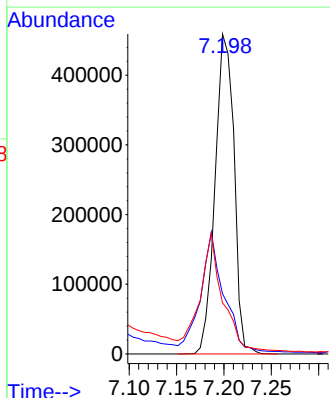
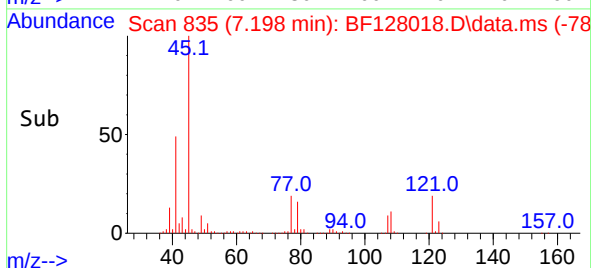
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

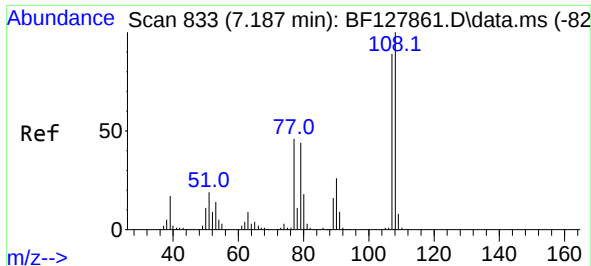


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.668 ng
RT: 7.198 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



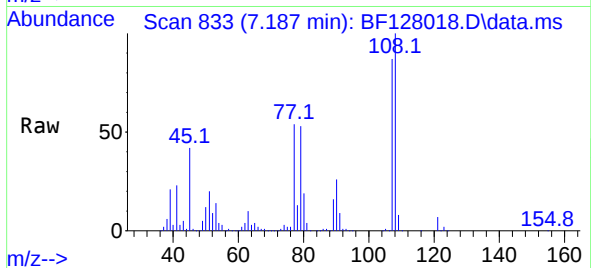
Tgt Ion: 45 Resp: 641161
Ion Ratio Lower Upper
45 100
77 18.8 0.0 34.9
79 15.9 0.0 31.6





#17
2-Methylphenol
Concen: 51.618 ng
RT: 7.187 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

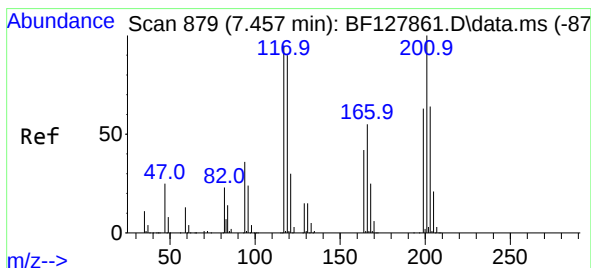
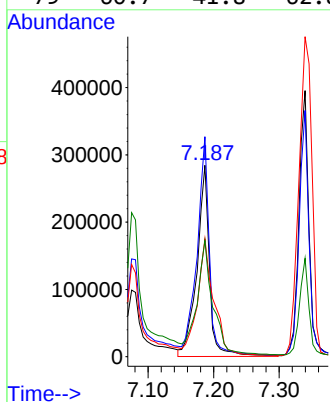
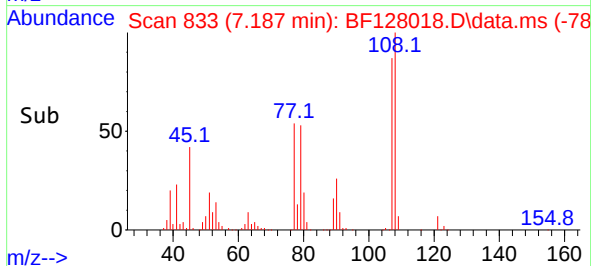
Instrument :
BNA_F
ClientSampleId :
PB144471BS



Tgt Ion:107 Resp: 382750
Ion Ratio Lower Upper
107 100
108 115.0 90.2 135.2
77 61.6 41.9 62.9
79 60.7 41.8 62.8

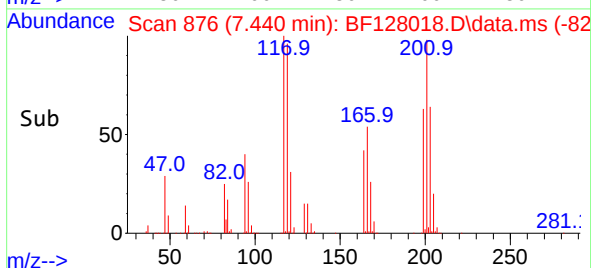
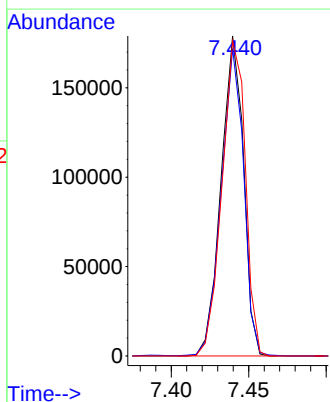
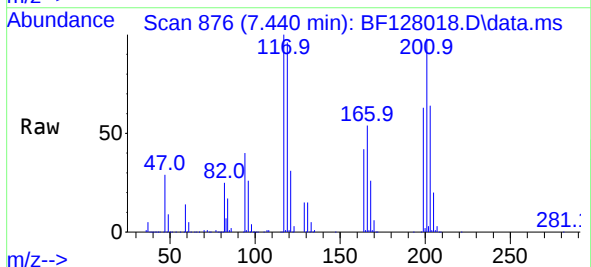
Manual Integrations
APPROVED

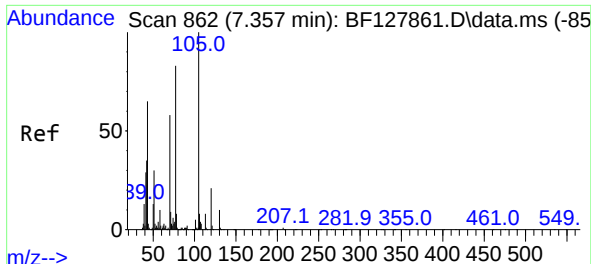
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#18
Hexachloroethane
Concen: 49.515 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:117 Resp: 179748
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.4
201 98.5 84.4 126.6





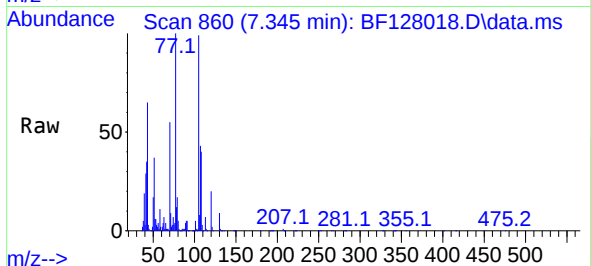
#19
n-Nitroso-di-n-propylamine
Concen: 51.232 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

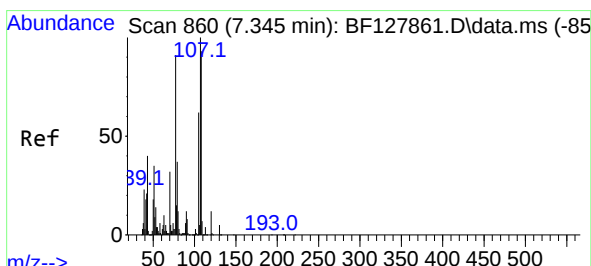
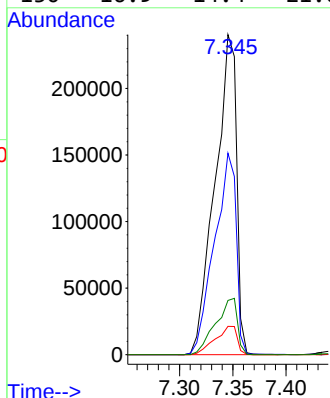
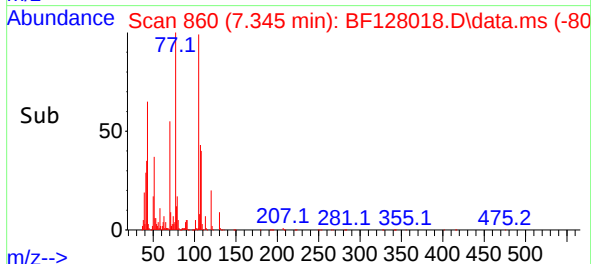


Tgt Ion: 70 Resp: 336959
Ion Ratio Lower Upper
70 100
42 63.0 48.7 73.1
101 8.8 7.2 10.8
130 16.9 14.4 21.6

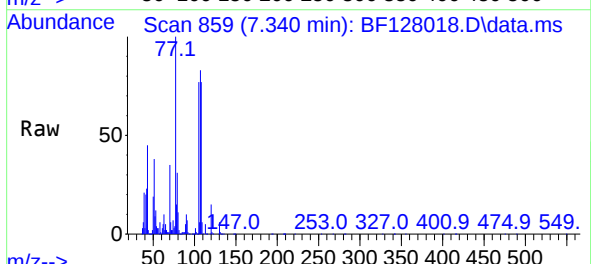
Manual Integrations

APPROVED

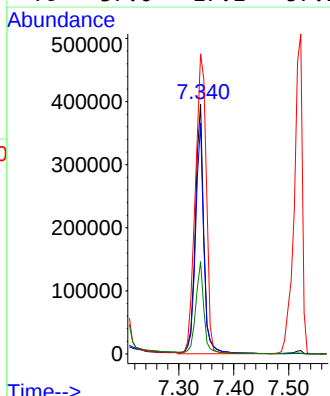
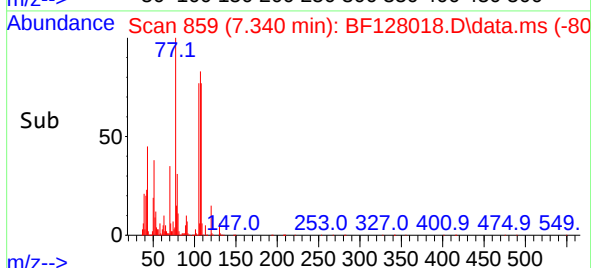
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

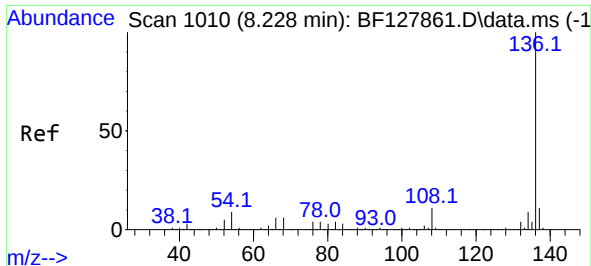


#20
3+4-Methylphenols
Concen: 47.339 ng
RT: 7.340 min Scan# 859
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



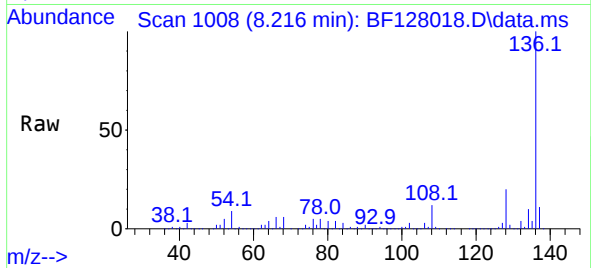
Tgt Ion:107 Resp: 424044
Ion Ratio Lower Upper
107 100
108 92.5 73.4 113.4
77 120.2 71.1 111.1#
79 37.0 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

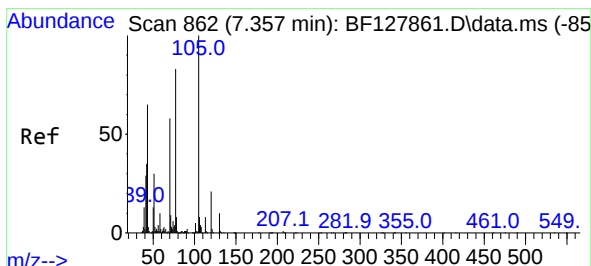
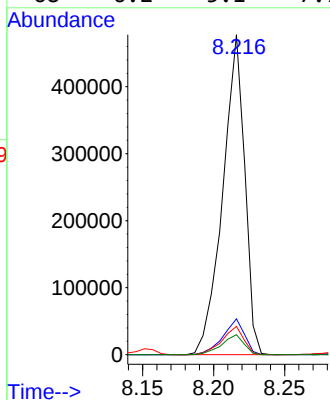
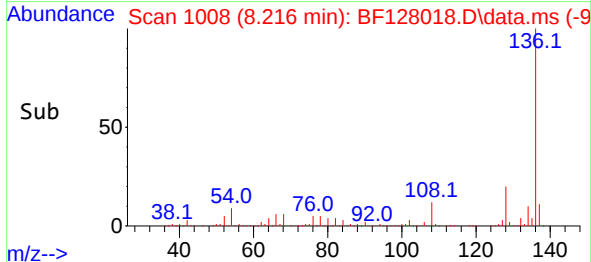
Instrument :
BNA_F
ClientSampleId :
PB144471BS



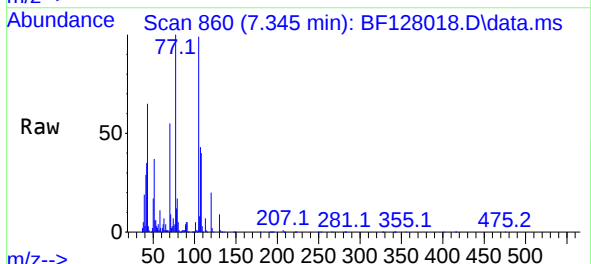
Tgt Ion:136 Resp: 513374
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.9 6.8 10.2
68 6.2 5.1 7.7

Manual Integrations
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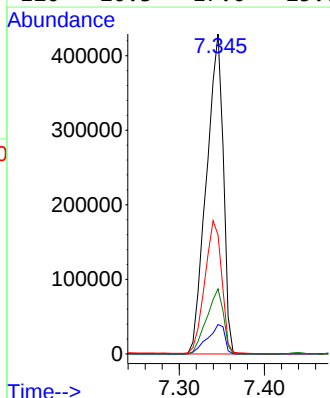
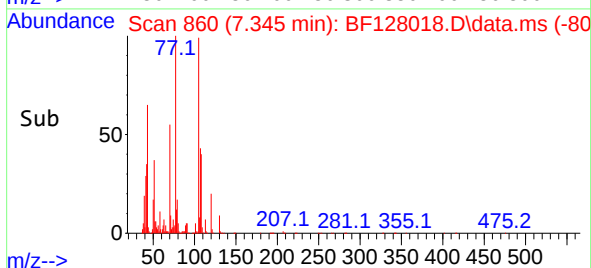
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

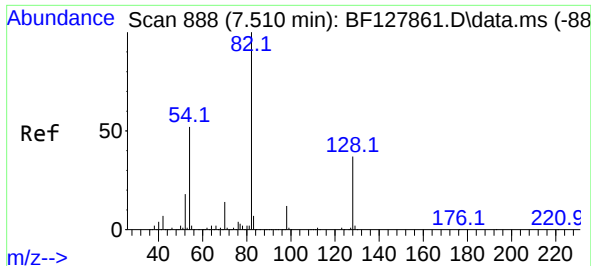


#22
Acetophenone
Concen: 47.110 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion:105 Resp: 589465
Ion Ratio Lower Upper
105 100
71 9.2 7.3 10.9
51 37.2 23.7 35.5#
120 20.3 17.0 25.6





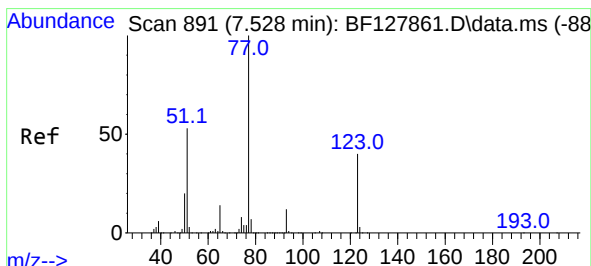
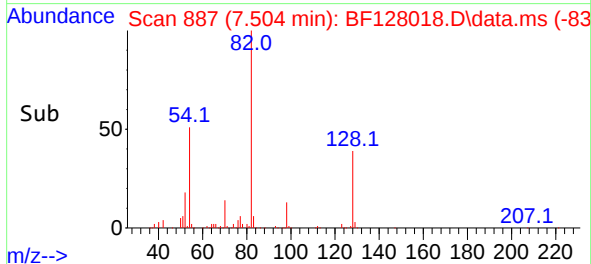
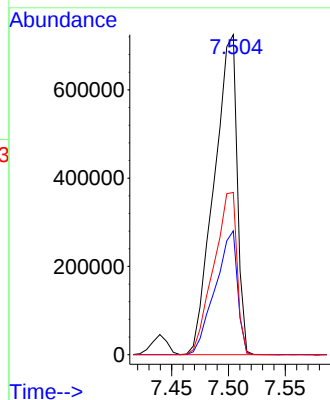
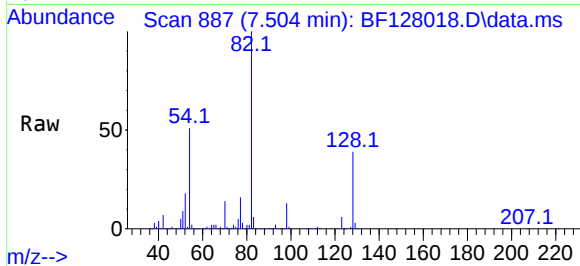
#23
Nitrobenzene-d5
Concen: 93.559 ng
RT: 7.504 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :
BNA_F
ClientSampleId :
PB144471BS

Tgt Ion: 82 Resp: 1021404
Ion Ratio Lower Upper
82 100
128 38.7 30.0 45.0
54 50.7 41.3 61.9

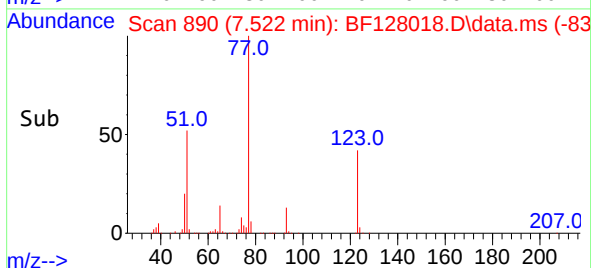
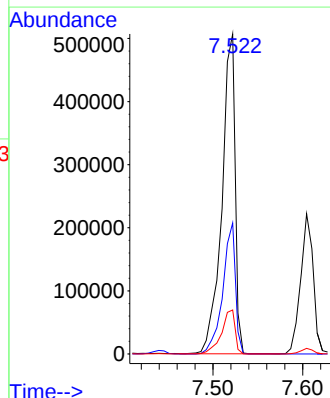
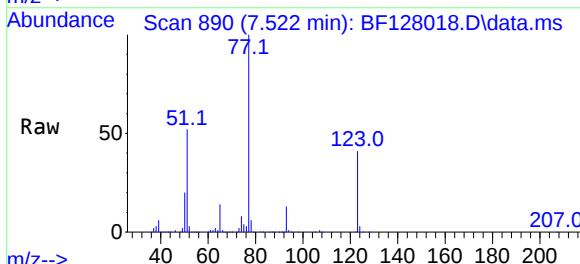
Manual Integrations
APPROVED

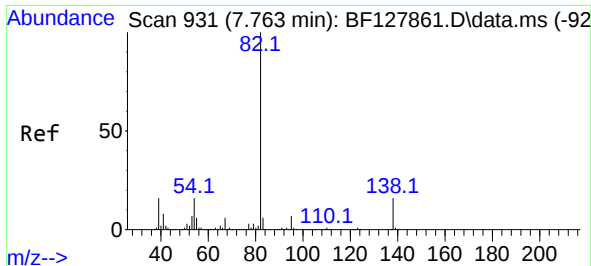
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#24
Nitrobenzene
Concen: 49.646 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion: 77 Resp: 522272
Ion Ratio Lower Upper
77 100
123 41.0 32.0 48.0
65 13.8 11.0 16.6





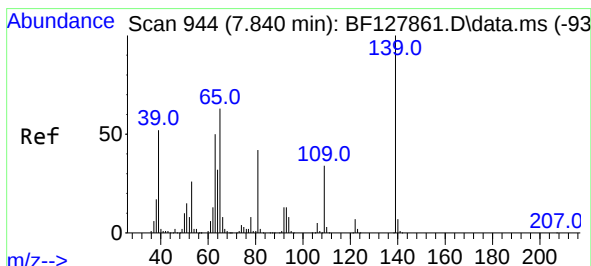
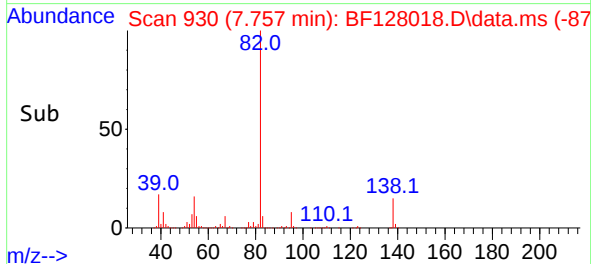
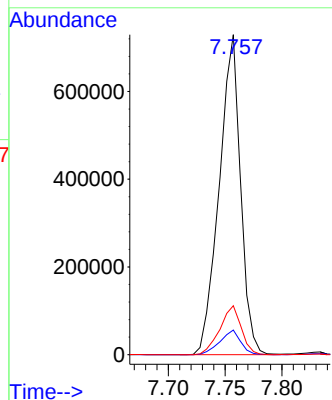
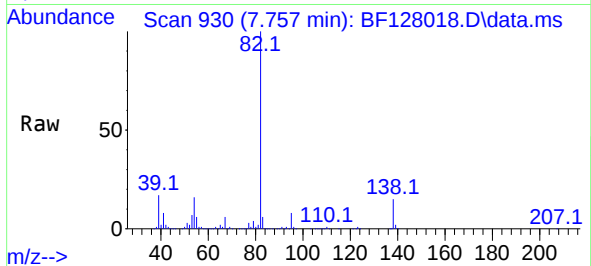
#25
Isophorone
Concen: 51.959 ng
RT: 7.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :
BNA_F
ClientSampleId :
PB144471BS

Tgt Ion: 82 Resp: 95471
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 15.3 12.5 18.7

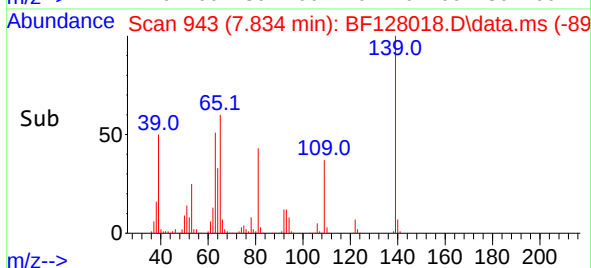
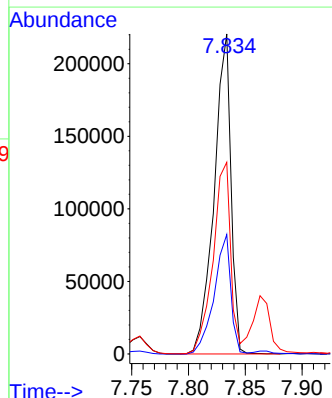
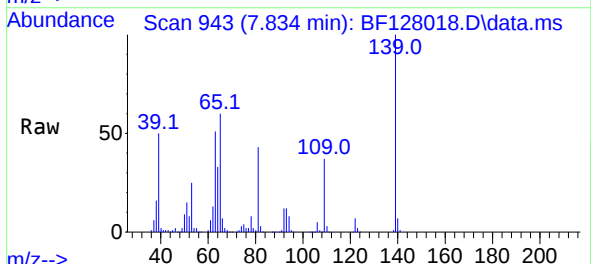
Manual Integrations
APPROVED

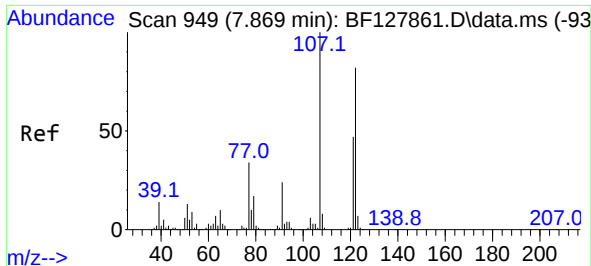
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#26
2-Nitrophenol
Concen: 50.904 ng
RT: 7.834 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

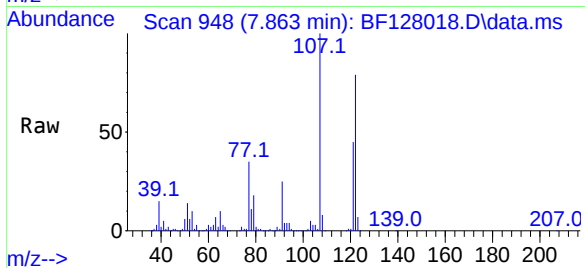
Tgt Ion:139 Resp: 228195
Ion Ratio Lower Upper
139 100
109 37.3 27.4 41.2
65 59.9 50.8 76.2





#27
2,4-Dimethylphenol
Concen: 53.820 ng
RT: 7.863 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

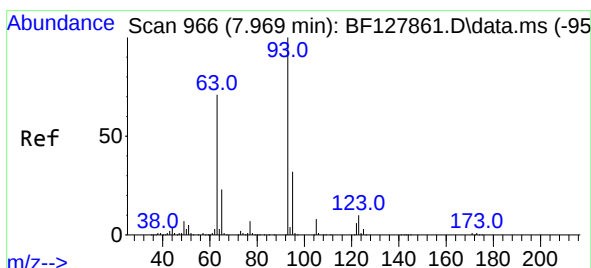
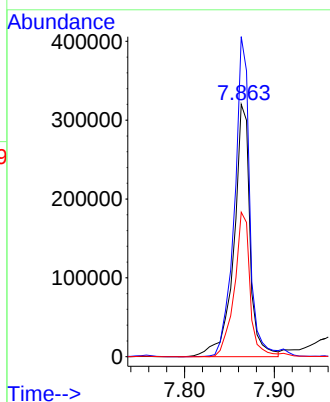
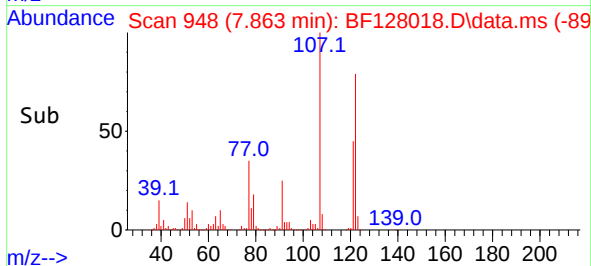
Instrument :
BNA_F
ClientSampleId :
PB144471BS



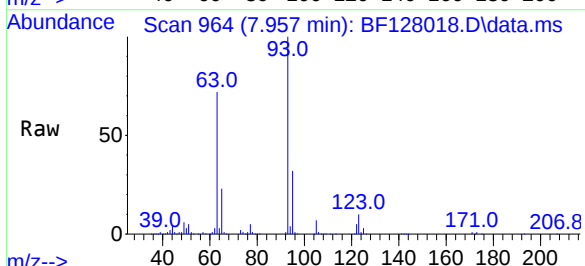
Tgt Ion:122 Resp: 400739
Ion Ratio Lower Upper
122 100
107 126.9 97.5 146.3
121 57.3 46.0 69.0

Manual Integrations
APPROVED

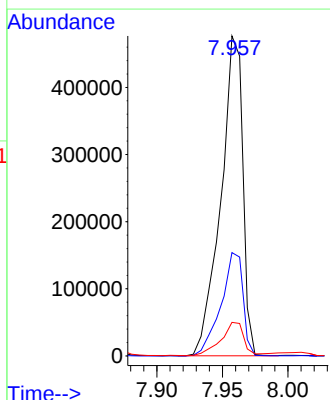
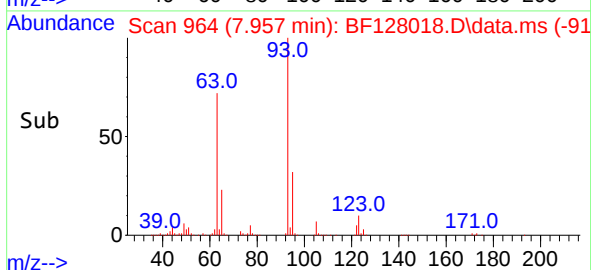
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

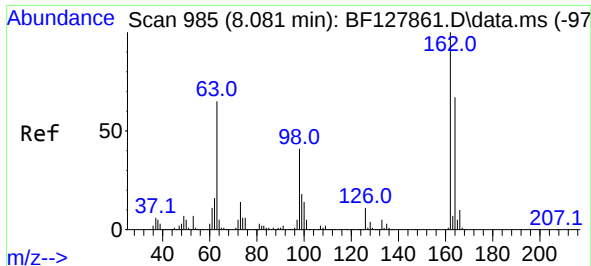


#28
bis(2-Chloroethoxy)methane
Concen: 47.107 ng
RT: 7.957 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion: 93 Resp: 554726
Ion Ratio Lower Upper
93 100
95 32.3 25.7 38.5
123 10.5 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 47.295 ng

RT: 8.075 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

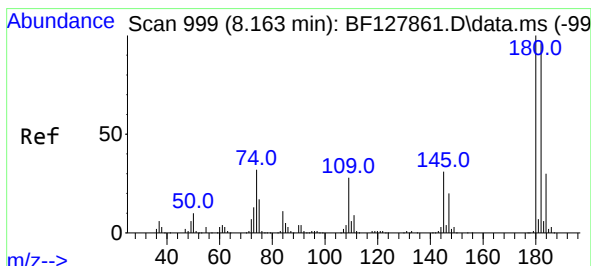
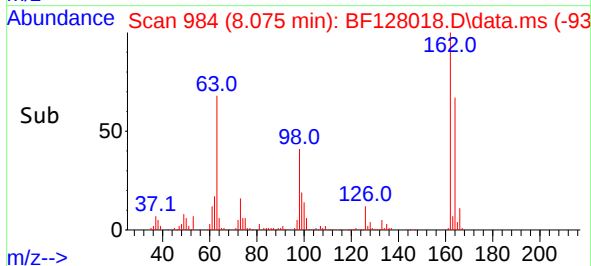
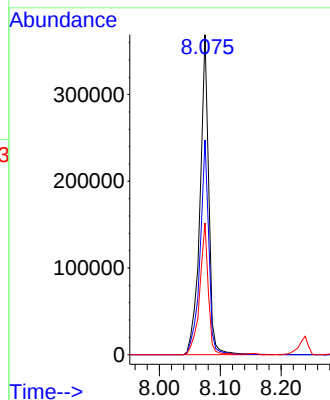
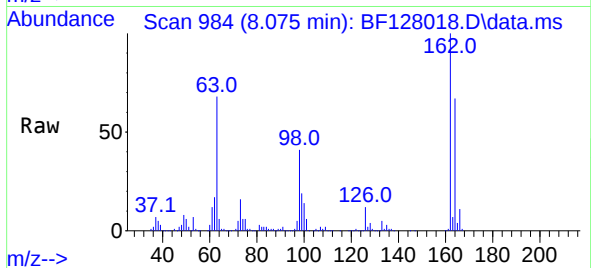
PB144471BS

Tgt Ion:162 Resp: 368924
 Ion Ratio Lower Upper
 162 100
 164 67.1 47.1 87.1
 98 41.1 20.7 60.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2022
 Supervised By :Jagrut Upadhyay 05/05/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.343 ng

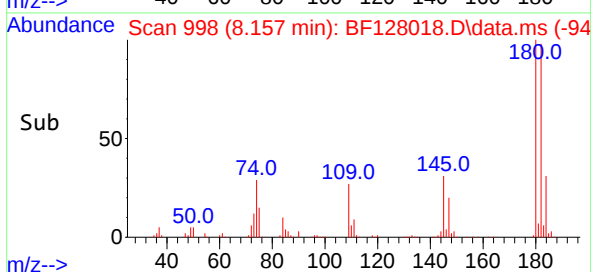
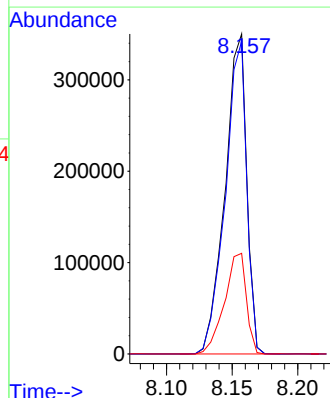
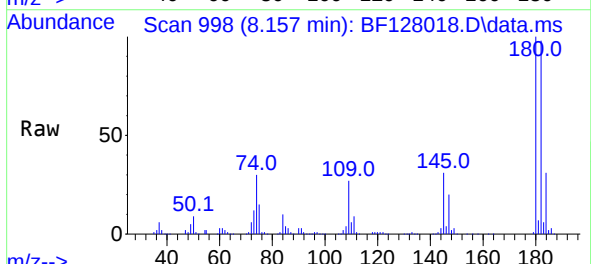
RT: 8.157 min Scan# 998

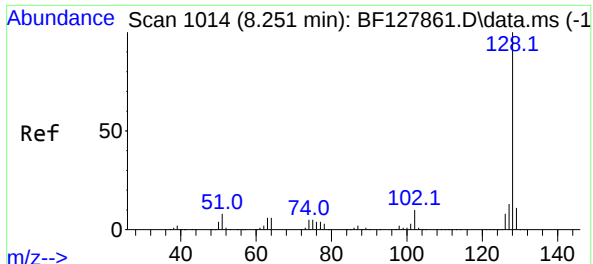
Delta R.T. 0.000 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

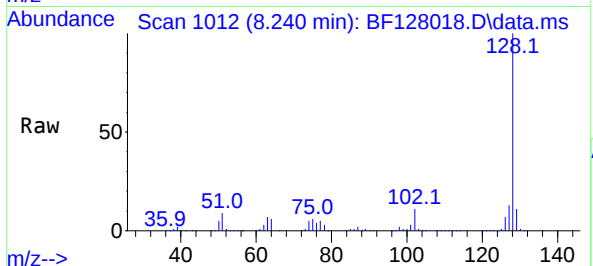
Tgt Ion:180 Resp: 401773
 Ion Ratio Lower Upper
 180 100
 182 97.7 76.4 114.6
 145 31.5 25.1 37.7





#31
Naphthalene
Concen: 46.226 ng
RT: 8.240 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

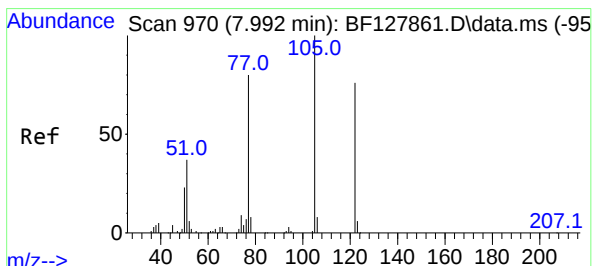
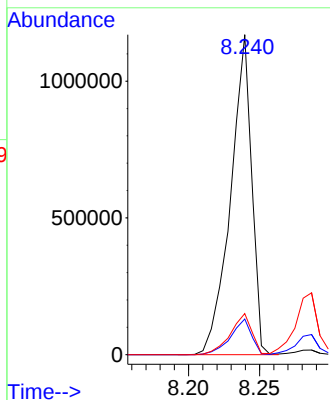
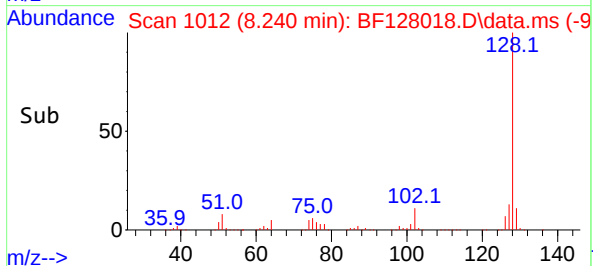
Instrument :
BNA_F
ClientSampleId :
PB144471BS



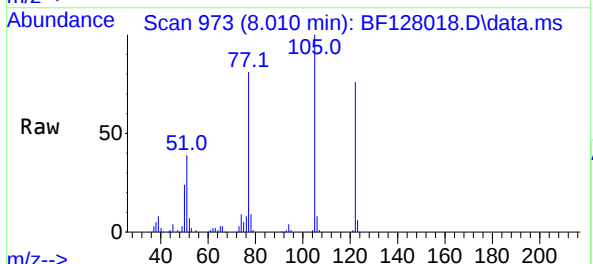
Tgt Ion:128 Resp: 1208679
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.9 10.6 16.0

Manual Integrations
APPROVED

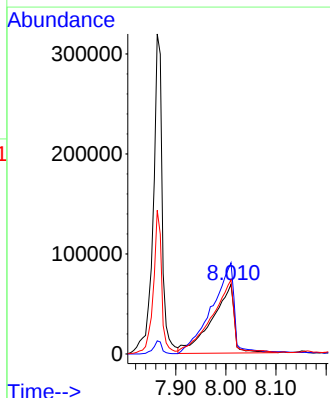
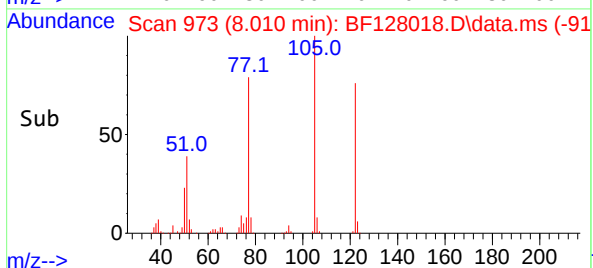
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

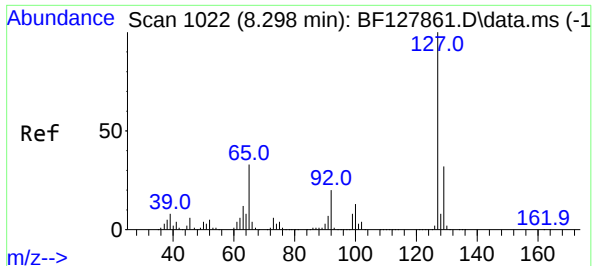


#32
Benzoic acid
Concen: 39.983 ng
RT: 8.010 min Scan# 973
Delta R.T. 0.024 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion:122 Resp: 213388
Ion Ratio Lower Upper
122 100
105 131.2 107.9 147.9
77 106.2 82.5 122.5





#33
4-Chloroaniline
Concen: 25.708 ng
RT: 8.287 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

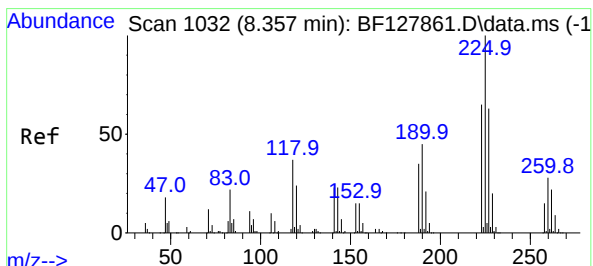
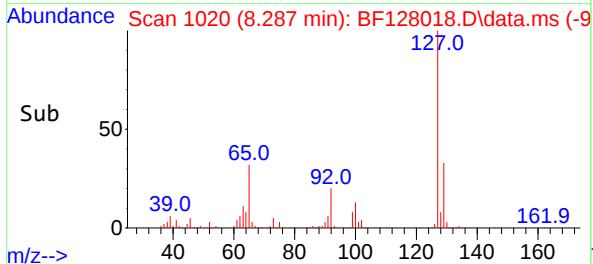
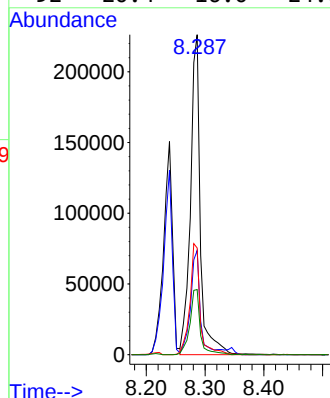
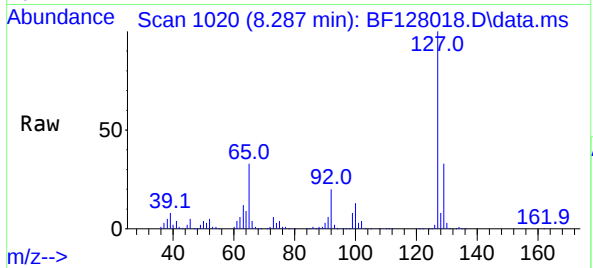
PB144471BS

Tgt Ion:127 Resp: 26596
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.8
65 33.3 26.7 40.1
92 20.4 16.0 24.0

Manual Integrations

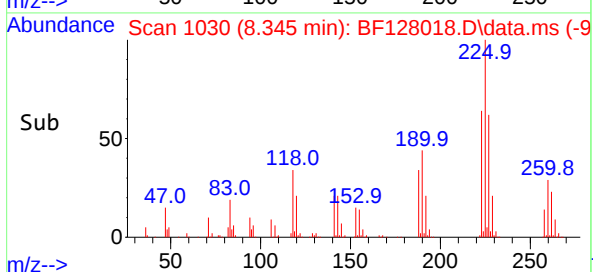
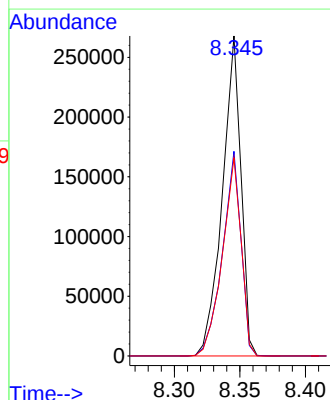
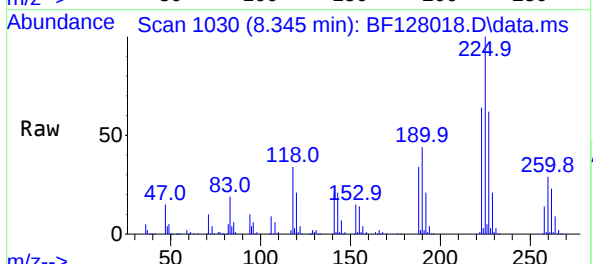
APPROVED

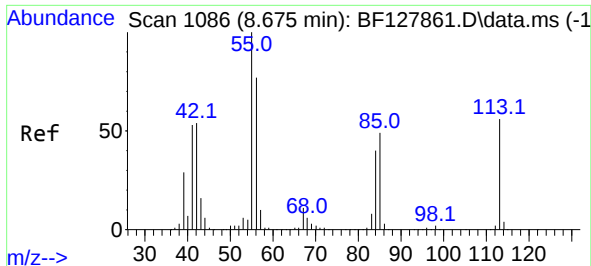
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#34
Hexachlorobutadiene
Concen: 47.302 ng
RT: 8.345 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

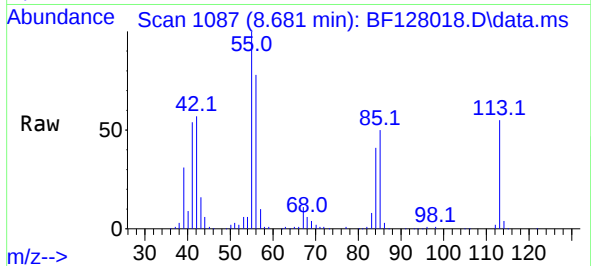
Tgt Ion:225 Resp: 264006
Ion Ratio Lower Upper
225 100
223 64.0 52.0 78.0
227 61.9 50.7 76.1





#35
Caprolactam
Concen: 43.732 ng m
RT: 8.681 min Scan# 1086
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

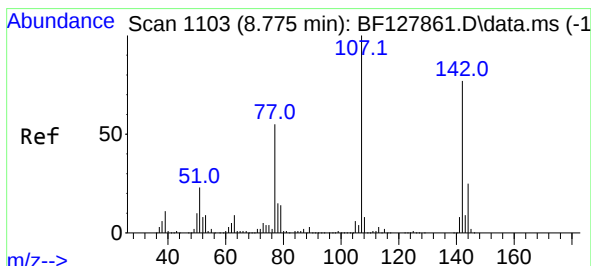
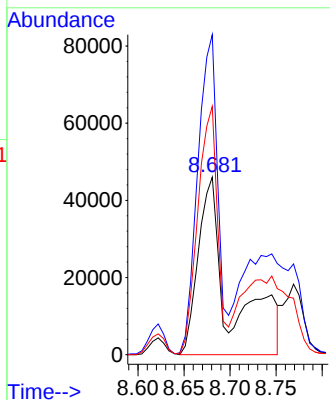
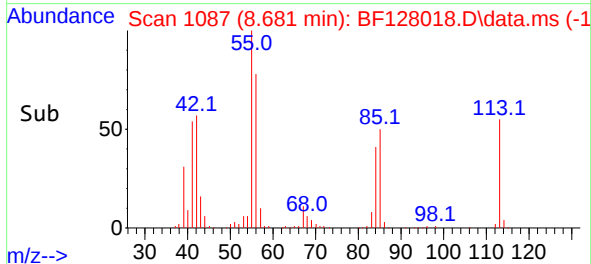
Instrument :
BNA_F
ClientSampleId :
PB144471BS



Tgt Ion:113 Resp: 11011
Ion Ratio Lower Upper
113 100
55 180.2 157.4 197.4
56 139.9 116.1 156.1

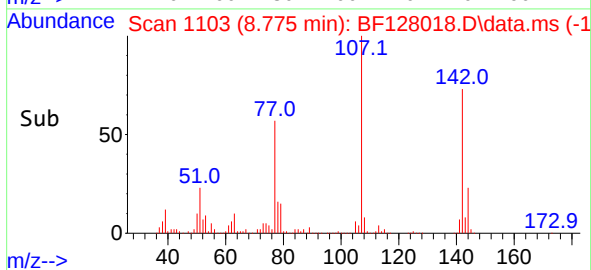
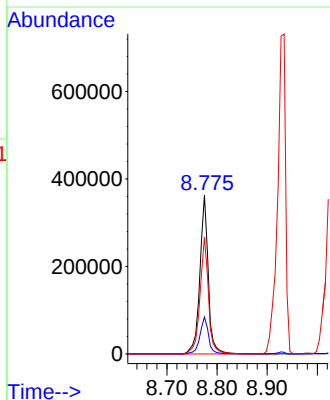
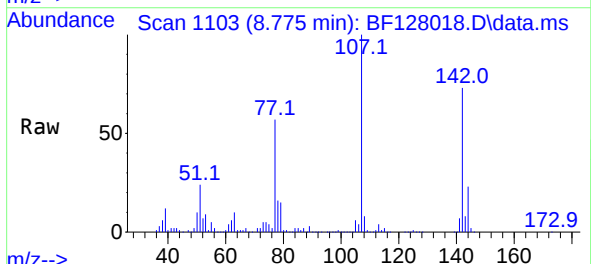
Manual Integrations
APPROVED

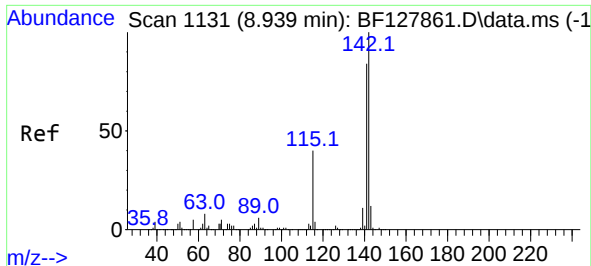
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#36
4-Chloro-3-methylphenol
Concen: 50.808 ng
RT: 8.775 min Scan# 1103
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:107 Resp: 423273
Ion Ratio Lower Upper
107 100
144 23.3 20.2 30.4
142 73.4 61.5 92.3





#37

2-Methylnaphthalene

Concen: 47.539 ng

RT: 8.934 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

Tgt Ion:142 Resp: 821480

Ion Ratio Lower Upper

142 100

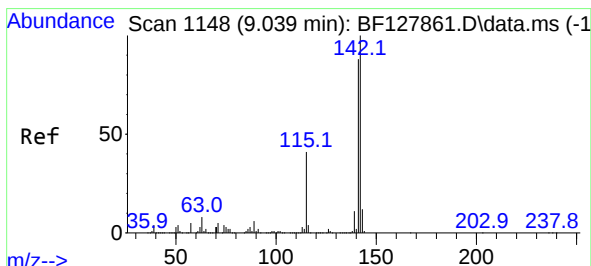
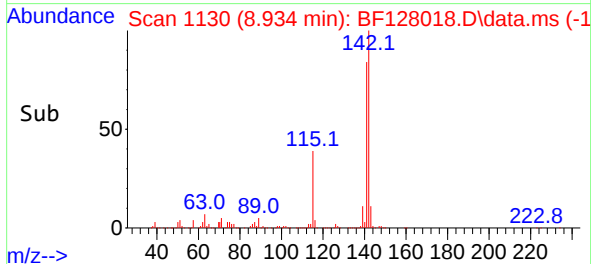
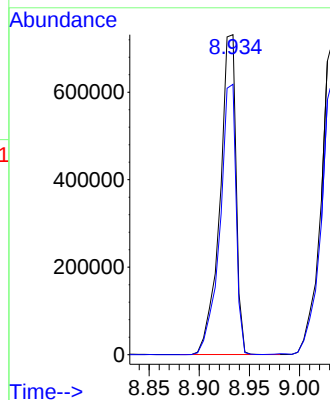
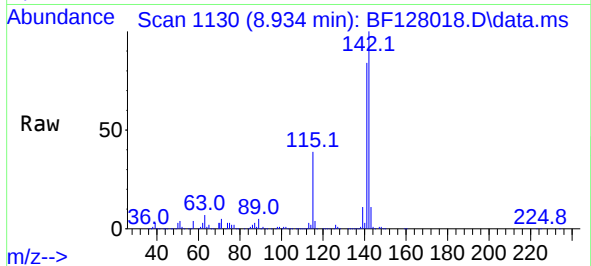
141 84.5 67.4 101.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2022

Supervised By :Jagrut Upadhyay 05/05/2022



#38

1-Methylnaphthalene

Concen: 46.602 ng

RT: 9.034 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF128018.D

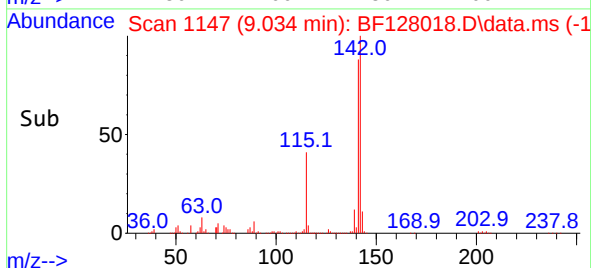
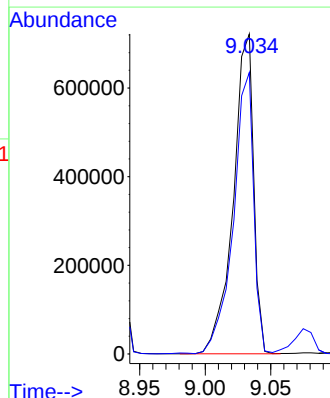
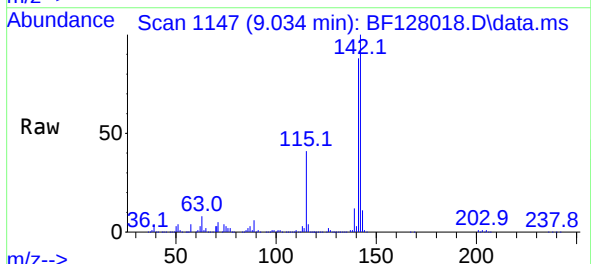
Acq: 02 May 2022 11:22

Tgt Ion:142 Resp: 782736

Ion Ratio Lower Upper

142 100

141 87.9 70.1 105.1





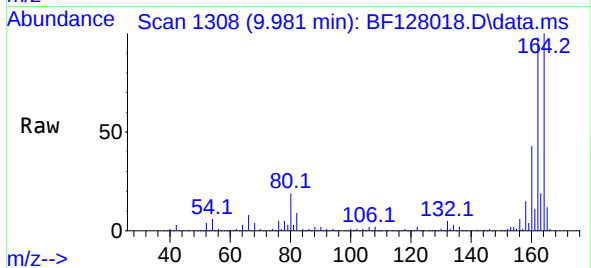
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

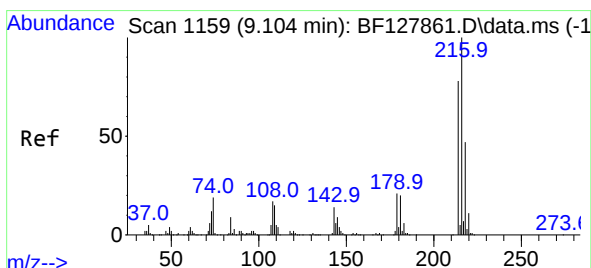
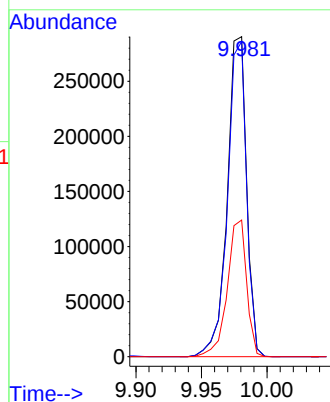
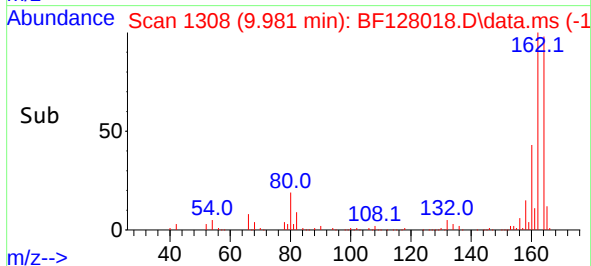


Tgt Ion:164 Resp: 298688
Ion Ratio Lower Upper
164 100
162 98.5 76.0 114.0
160 42.7 34.8 52.2

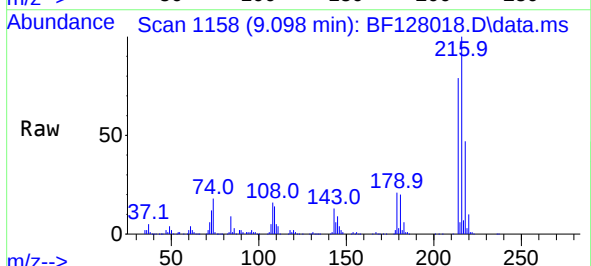
Manual Integrations

APPROVED

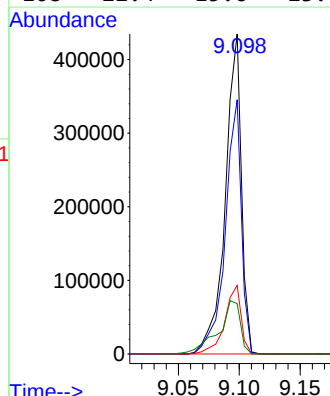
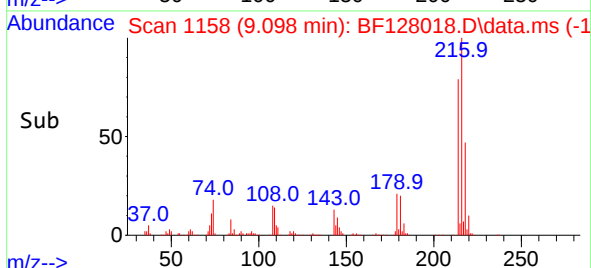
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

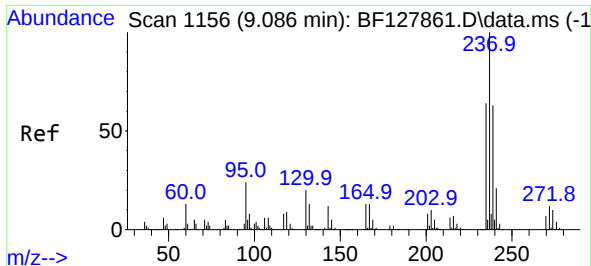


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.594 ng
RT: 9.098 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion:216 Resp: 401406
Ion Ratio Lower Upper
216 100
214 79.4 62.6 94.0
179 21.6 16.9 25.3
108 22.4 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 109.710 ng
RT: 9.081 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

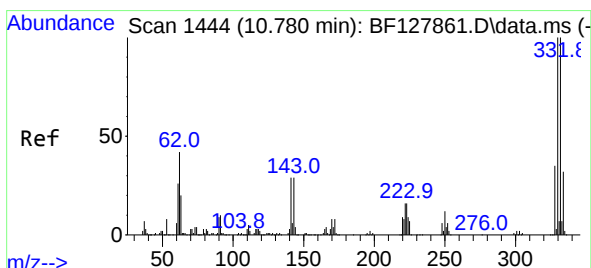
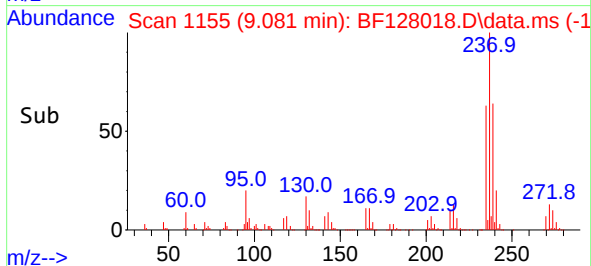
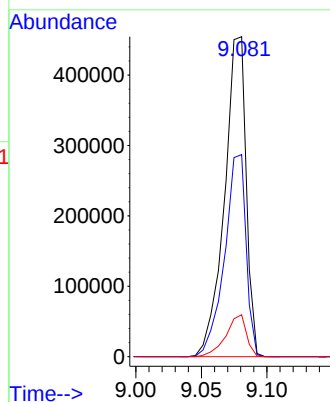
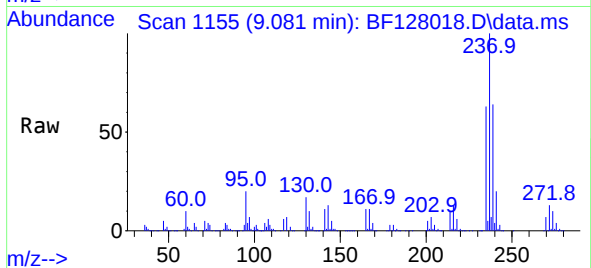
PB144471BS

Tgt Ion:237 Resp: 52330
Ion Ratio Lower Upper
237 100
235 63.1 43.6 83.6
272 13.1 0.0 32.1

Manual Integrations

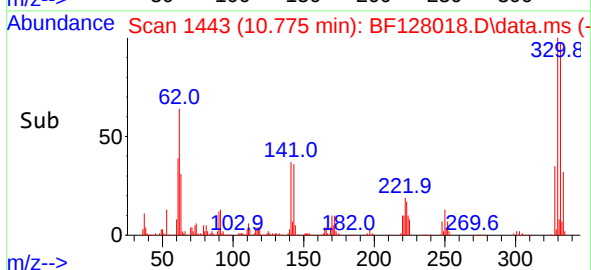
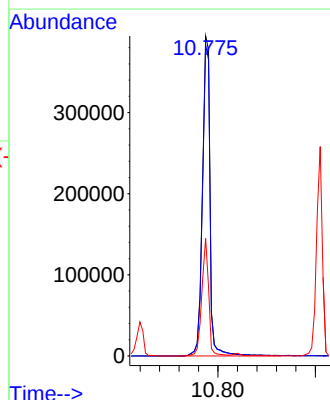
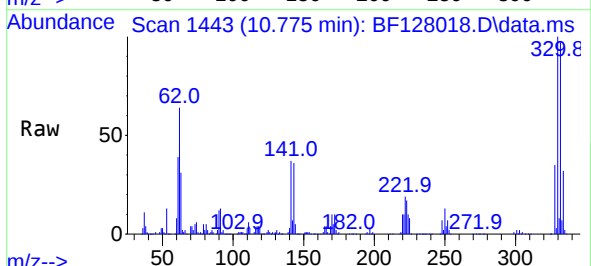
APPROVED

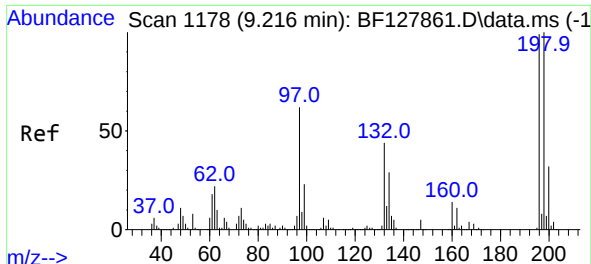
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#42
2,4,6-Tribromophenol
Concen: 142.805 ng
RT: 10.775 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:330 Resp: 429386
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.4
141 33.1 28.9 43.3





#43
2,4,6-Trichlorophenol
Concen: 46.562 ng
RT: 9.210 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

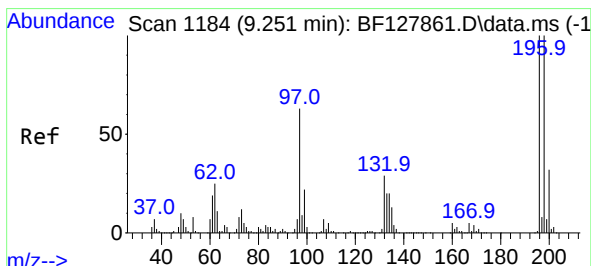
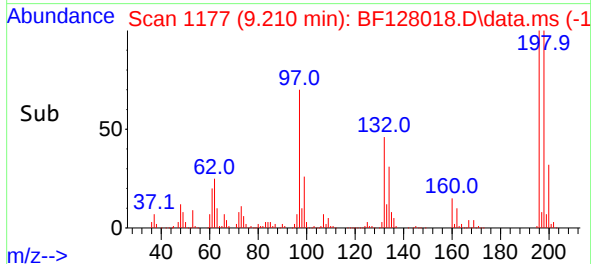
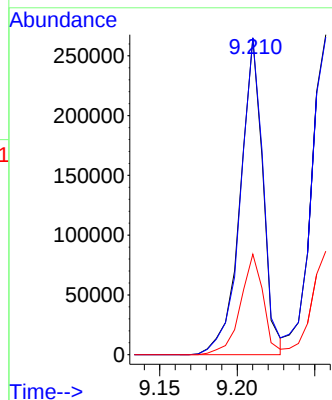
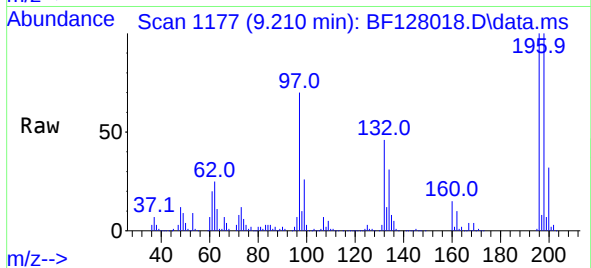
PB144471BS

Tgt Ion:196 Resp: 269729
Ion Ratio Lower Upper
196 100
198 100.2 80.4 120.6
200 31.7 25.9 38.9

Manual Integrations

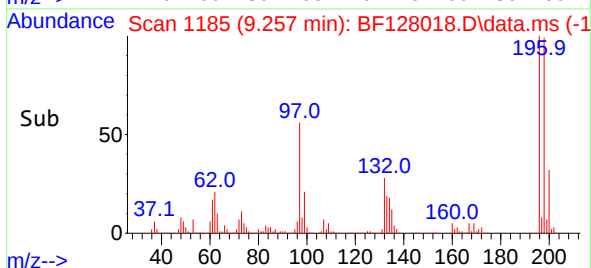
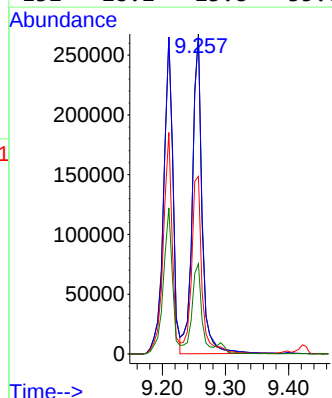
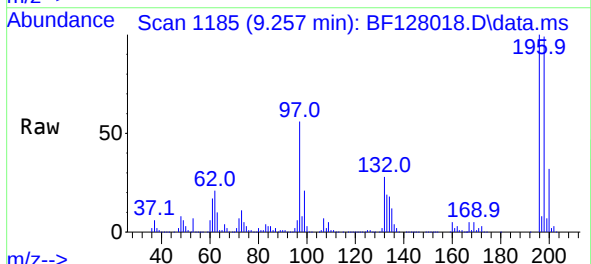
APPROVED

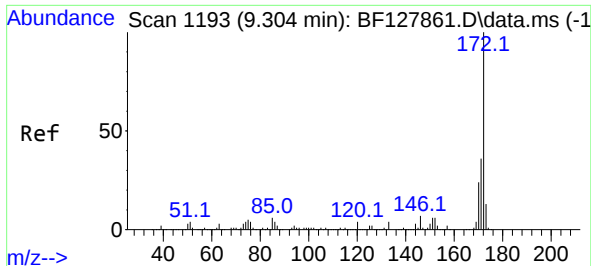
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#44
2,4,5-Trichlorophenol
Concen: 45.219 ng
RT: 9.257 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:196 Resp: 284759
Ion Ratio Lower Upper
196 100
198 99.2 80.2 120.2
97 55.5 50.3 75.5
132 28.2 23.8 35.6





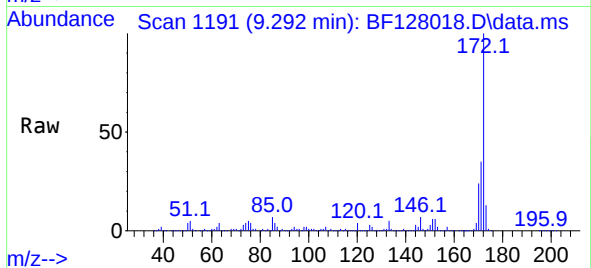
#45
2-Fluorobiphenyl
Concen: 93.583 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

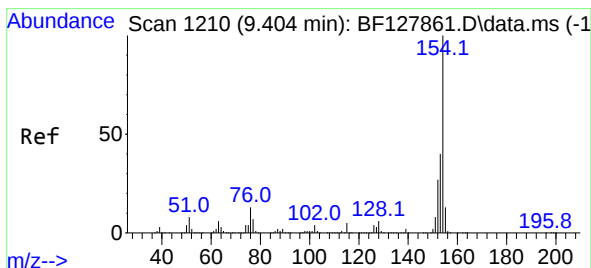
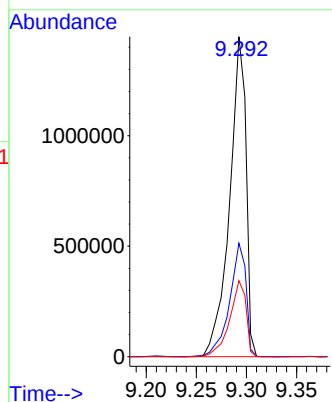
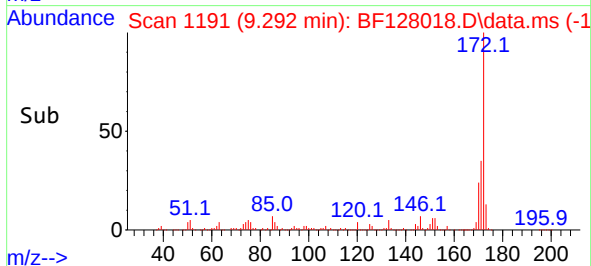


Tgt Ion:172 Resp: 165226
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.8 19.1 28.7

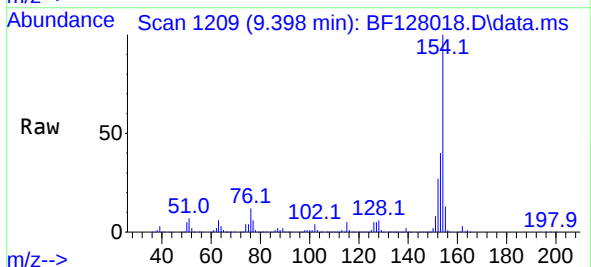
Manual Integrations

APPROVED

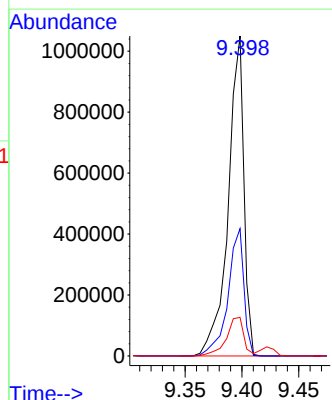
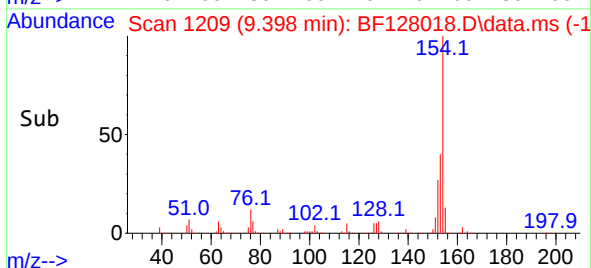
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

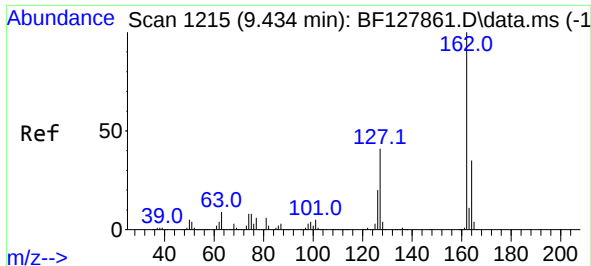


#46
1,1'-Biphenyl
Concen: 45.621 ng
RT: 9.398 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion:154 Resp: 1009382
Ion Ratio Lower Upper
154 100
153 39.8 20.4 60.4
76 12.1 0.0 33.2





#47

2-Chloronaphthalene

Concen: 44.710 ng

RT: 9.422 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

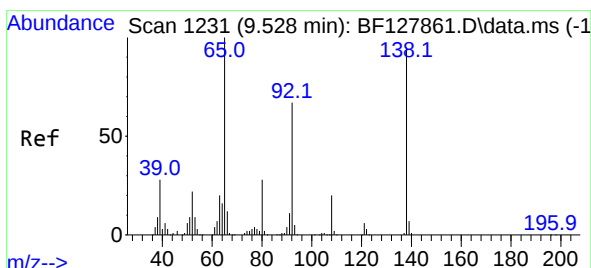
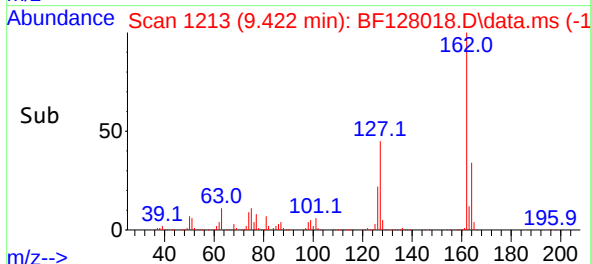
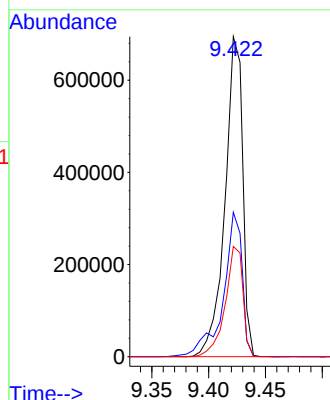
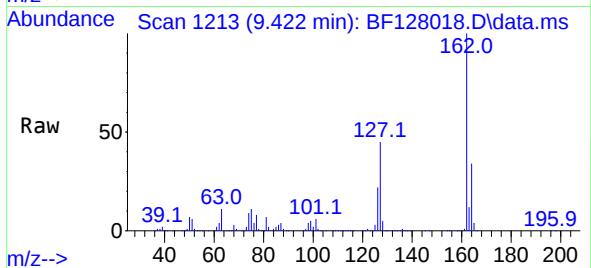
PB144471BS

Tgt Ion:162 Resp: 753050
 Ion Ratio Lower Upper
 162 100
 127 45.2 32.9 49.3
 164 34.5 28.2 42.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2022
 Supervised By :Jagrut Upadhyay 05/05/2022



#48

2-Nitroaniline

Concen: 50.634 ng

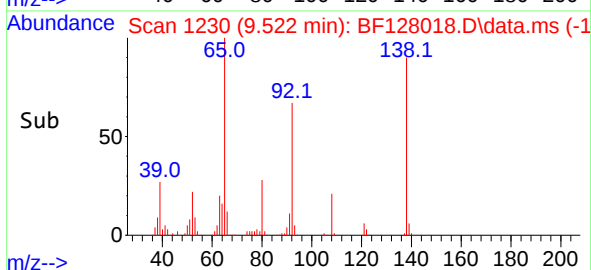
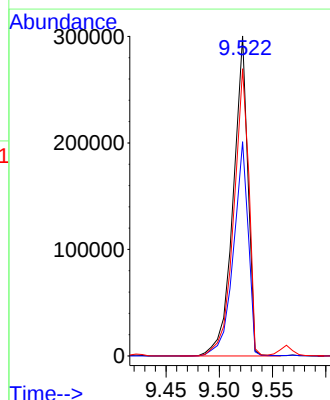
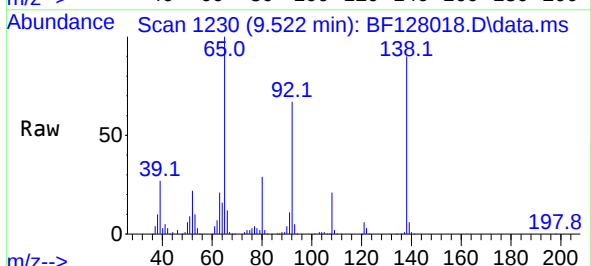
RT: 9.522 min Scan# 1230

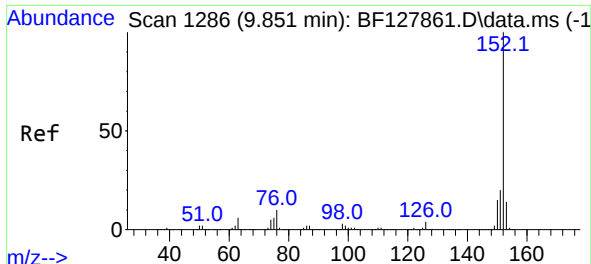
Delta R.T. 0.000 min

Lab File: BF128018.D

Acq: 02 May 2022 11:22

Tgt Ion: 65 Resp: 288483
 Ion Ratio Lower Upper
 65 100
 92 66.9 53.7 80.5
 138 89.8 76.4 114.6





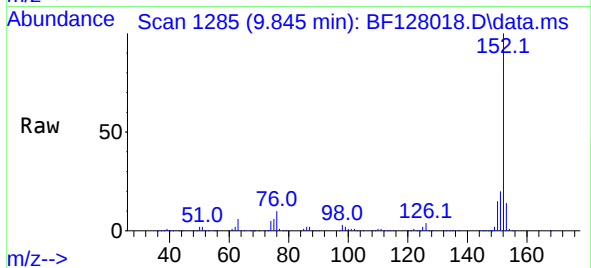
#49
Acenaphthylene
Concen: 47.443 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

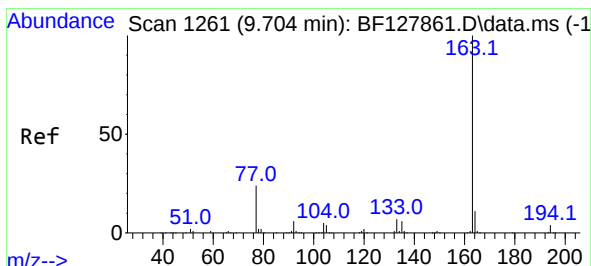
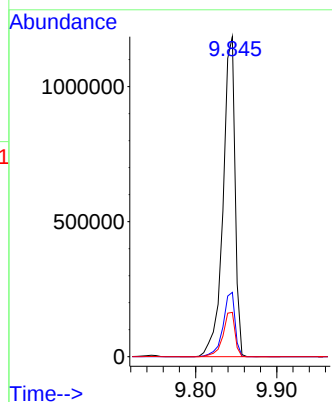
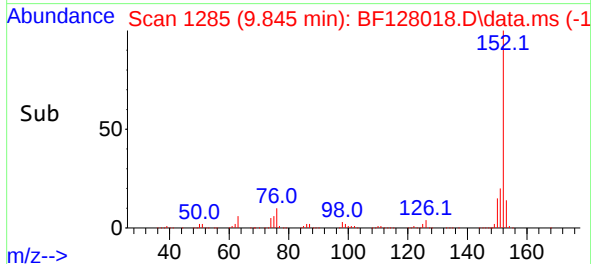


Tgt Ion:152 Resp: 1222344
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.9 11.2 16.8

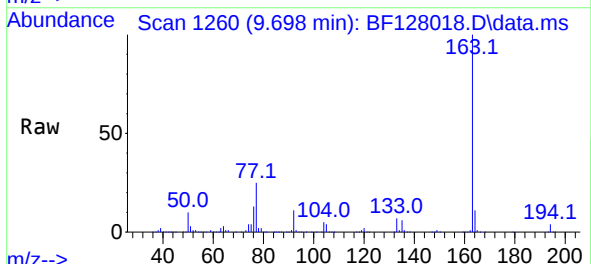
Manual Integrations

APPROVED

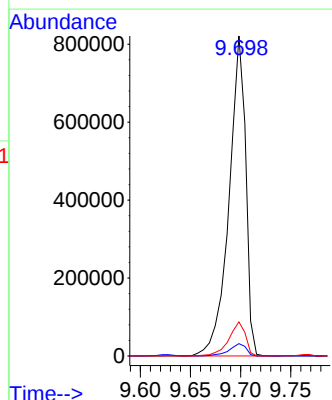
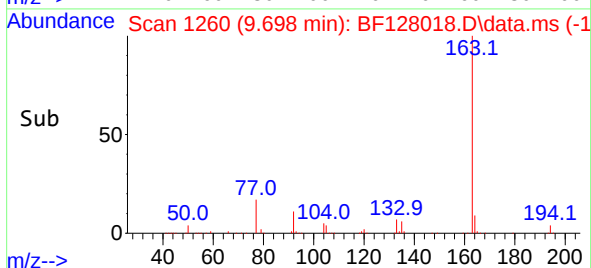
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

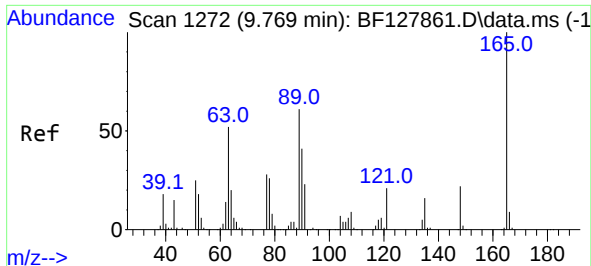


#50
Dimethylphthalate
Concen: 47.507 ng
RT: 9.698 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



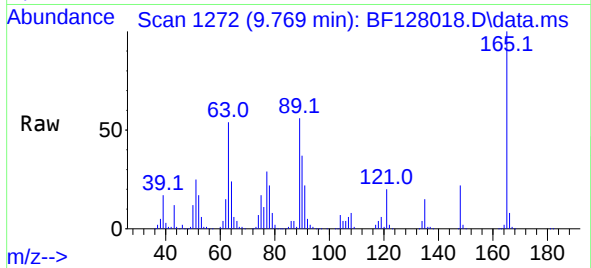
Tgt Ion:163 Resp: 951646
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.6 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 49.499 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

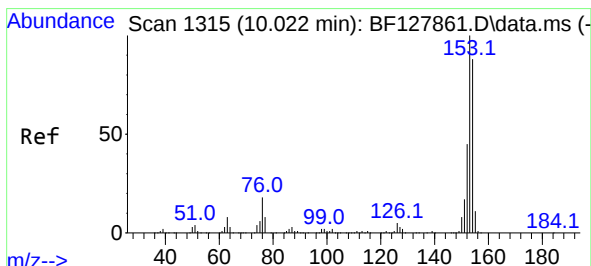
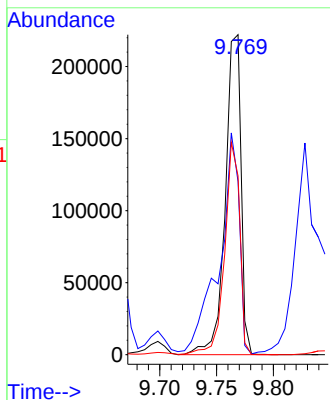
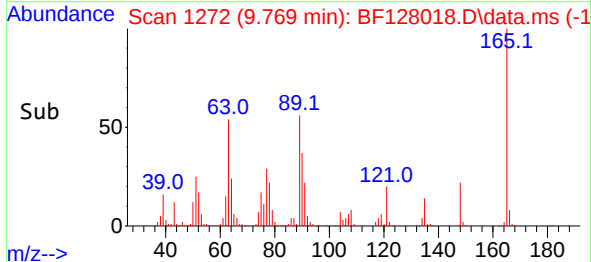
Instrument :
BNA_F
ClientSampleId :
PB144471BS



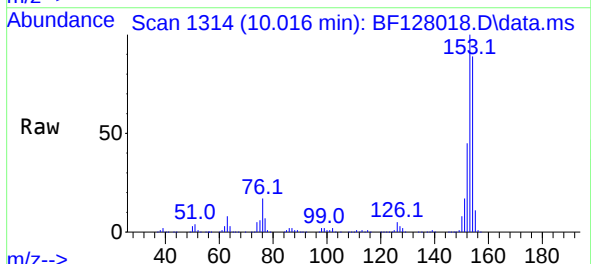
Tgt Ion:165 Resp: 21468
Ion Ratio Lower Upper
165 100
63 54.0 49.5 74.3
89 55.9 49.0 73.4

Manual Integrations
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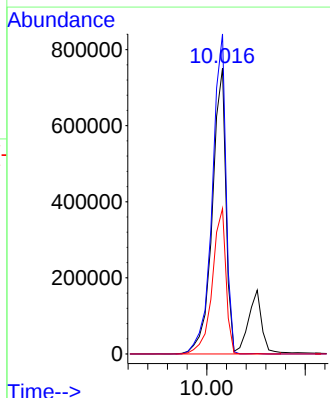
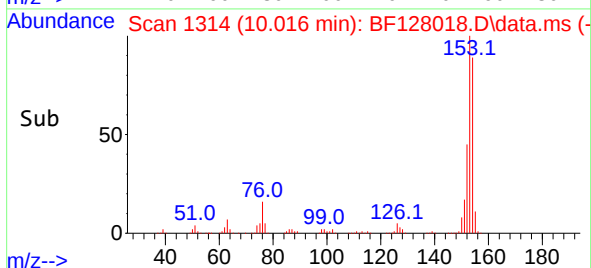
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

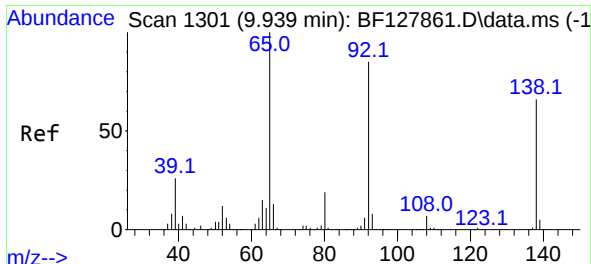


#52
Acenaphthene
Concen: 50.619 ng m
RT: 10.016 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion:154 Resp: 876791
Ion Ratio Lower Upper
154 100
153 111.9 90.5 135.7
152 50.8 41.0 61.6





#53
3-Nitroaniline
Concen: 29.952 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

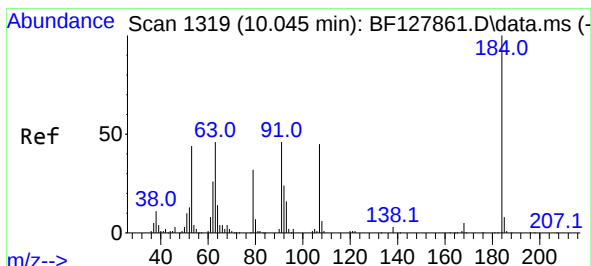
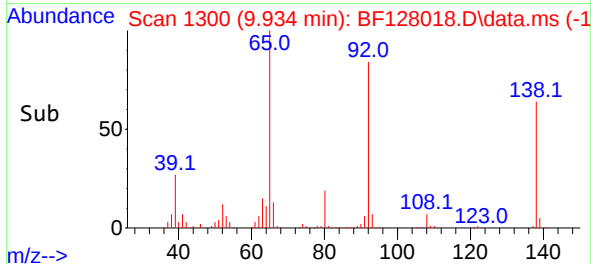
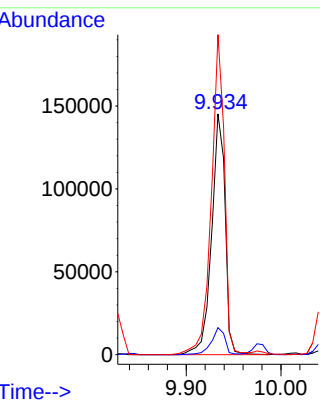
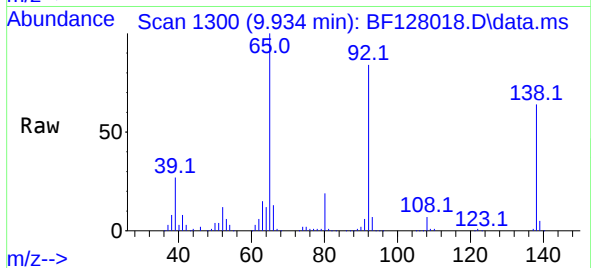
PB144471BS

Tgt Ion:138 Resp: 14425
Ion Ratio Lower Upper
138 100
108 11.2 8.2 12.4
92 132.8 102.7 154.1

Manual Integrations

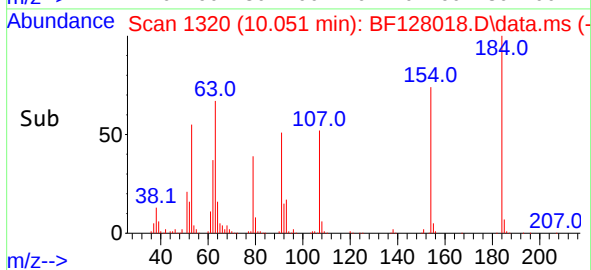
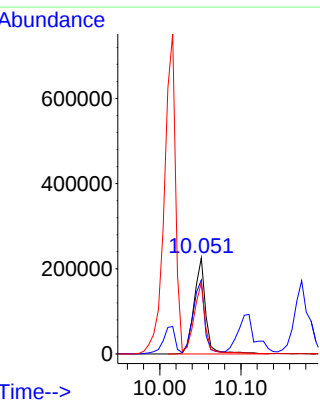
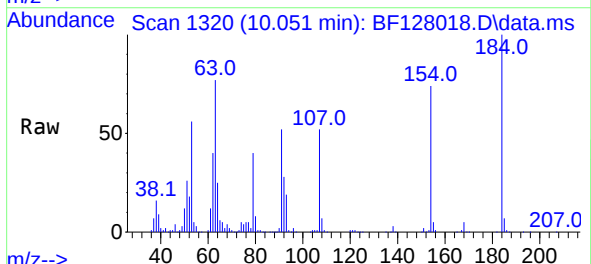
APPROVED

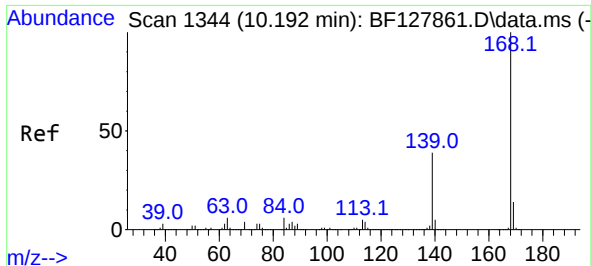
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#54
2,4-Dinitrophenol
Concen: 98.487 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.018 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

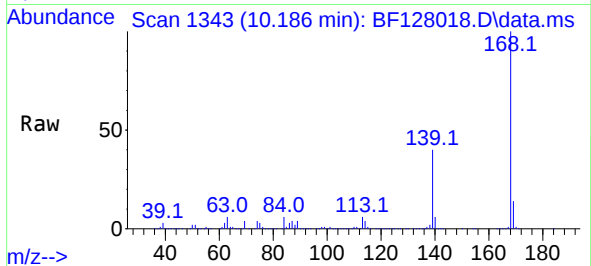
Tgt Ion:184 Resp: 224953
Ion Ratio Lower Upper
184 100
63 76.9 50.0 75.0#
154 74.3 51.7 77.5





#55
Dibenzenofuran
Concen: 43.918 ng
RT: 10.186 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

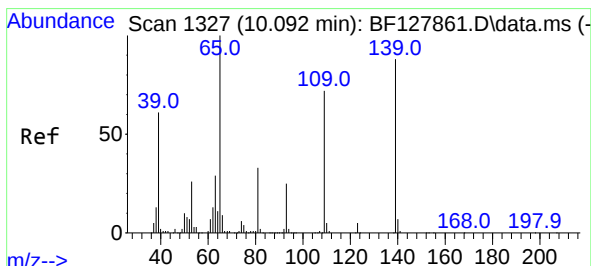
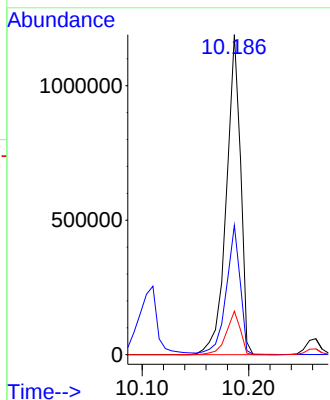
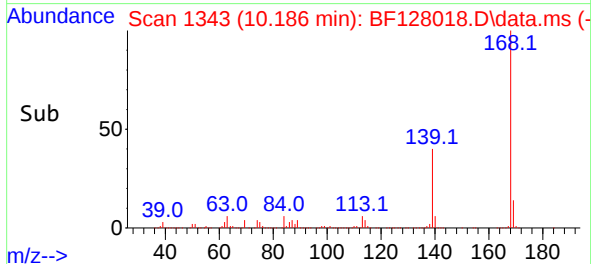
Instrument :
BNA_F
ClientSampleId :
PB144471BS



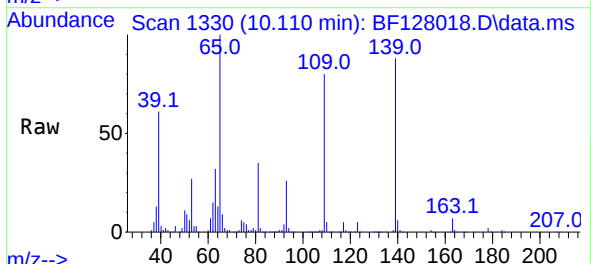
Tgt Ion:168 Resp: 109754
Ion Ratio Lower Upper
168 100
139 40.5 31.7 47.5
169 13.6 10.9 16.3

Manual Integrations
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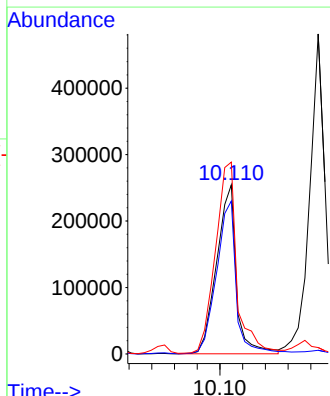
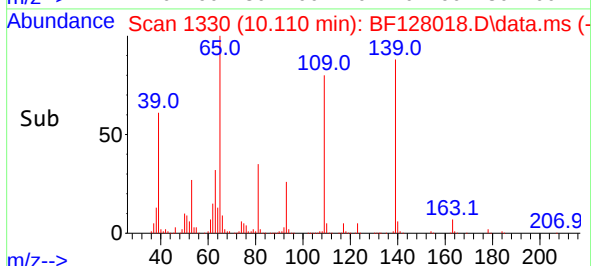
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

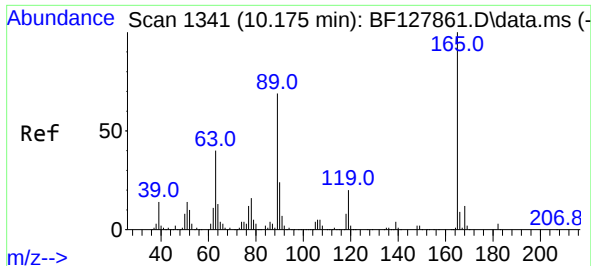


#56
4-Nitrophenol
Concen: 83.442 ng
RT: 10.110 min Scan# 1330
Delta R.T. 0.024 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion:139 Resp: 306866
Ion Ratio Lower Upper
139 100
109 90.4 61.9 101.9
65 113.5 93.5 133.5





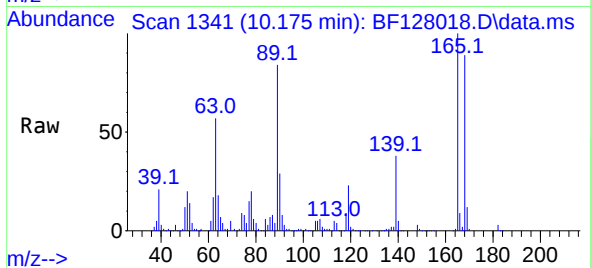
#57
2,4-Dinitrotoluene
Concen: 49.749 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

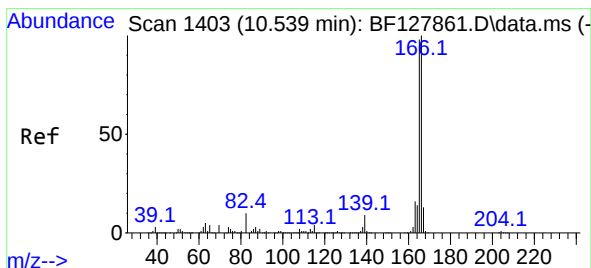
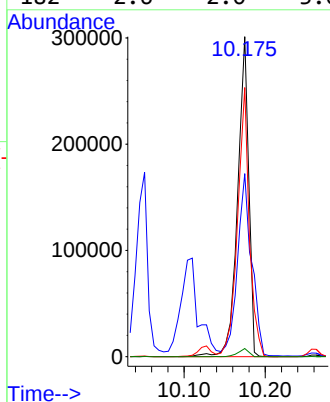
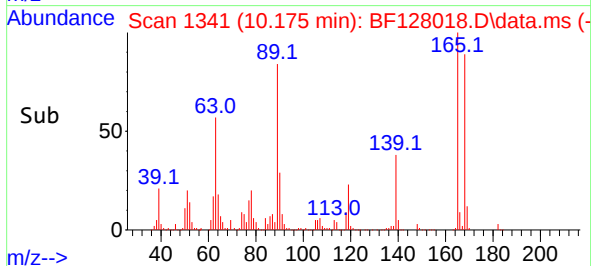


Tgt Ion:165 Resp: 285800
Ion Ratio Lower Upper
165 100
63 57.2 32.6 49.0
89 84.1 55.2 82.8
182 2.6 2.0 3.0

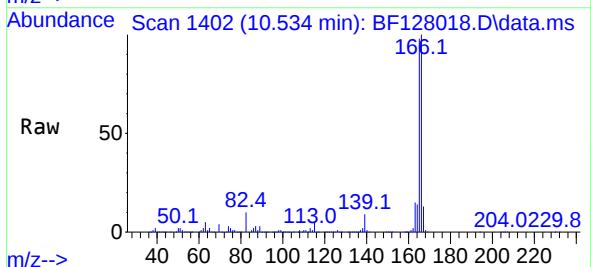
Manual Integrations

APPROVED

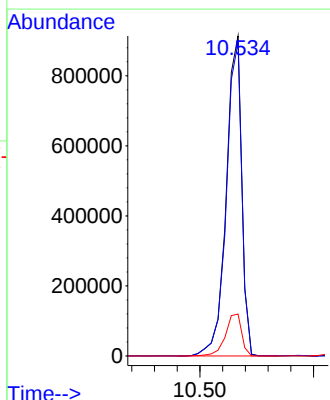
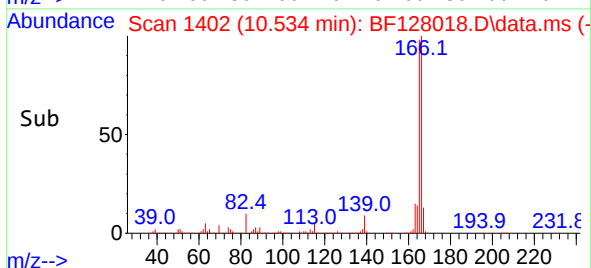
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#58
Fluorene
Concen: 46.446 ng
RT: 10.534 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion:166 Resp: 866122
Ion Ratio Lower Upper
166 100
165 98.0 78.6 117.8
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.623 ng
RT: 10.304 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

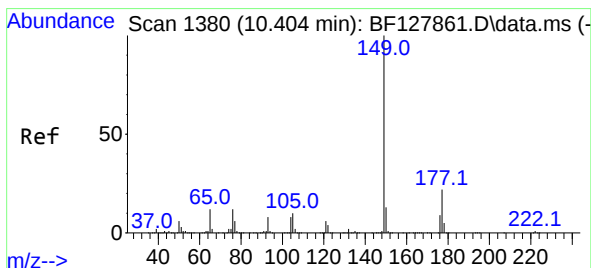
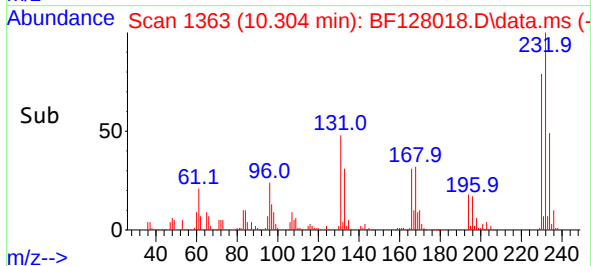
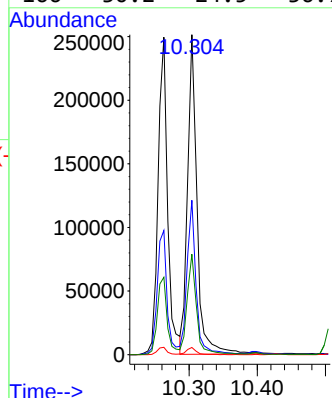
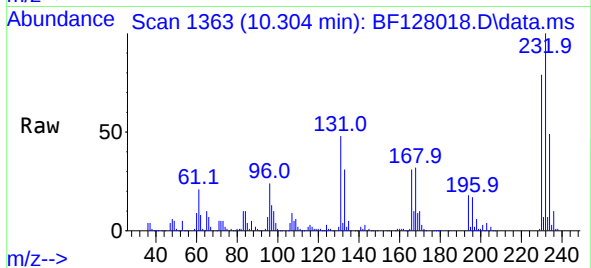
PB144471BS

Tgt Ion:232 Resp: 241598
Ion Ratio Lower Upper
232 100
131 45.8 35.4 53.2
130 2.4 1.9 2.9
166 30.2 24.5 36.7

Manual Integrations

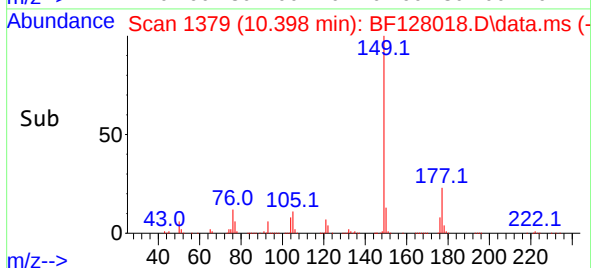
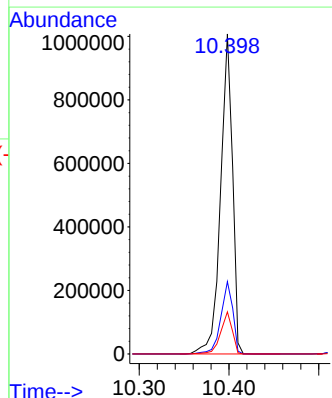
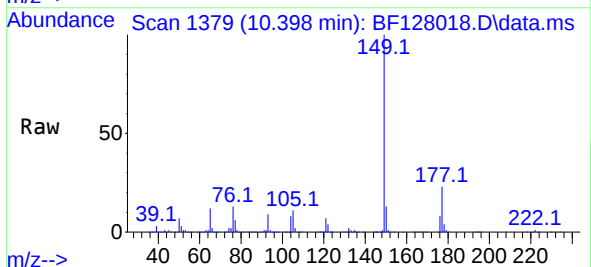
APPROVED

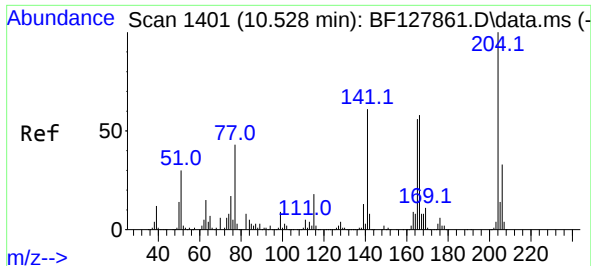
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#60
Diethylphthalate
Concen: 47.167 ng
RT: 10.398 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:149 Resp: 926503
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 13.1 10.2 15.2





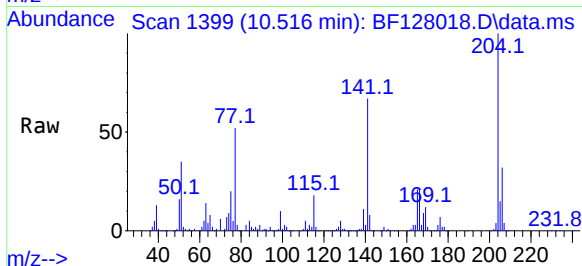
#61
4-Chlorophenyl-phenylether
Concen: 46.395 ng
RT: 10.516 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

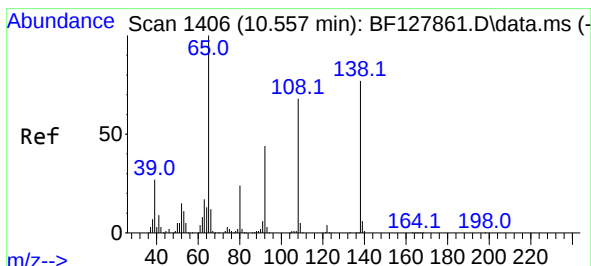
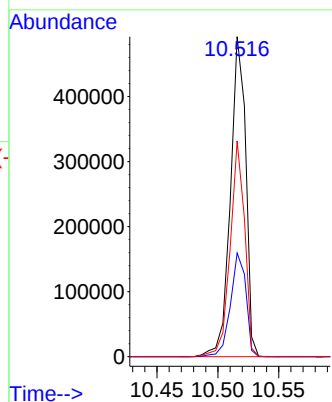
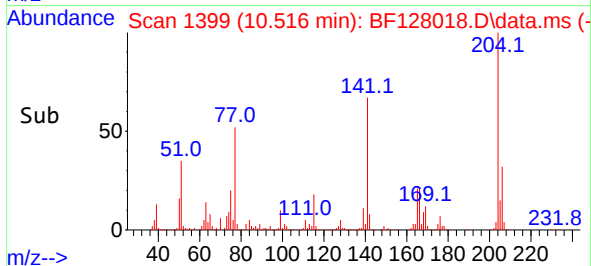


Tgt Ion:204 Resp: 429928
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 67.4 48.7 73.1

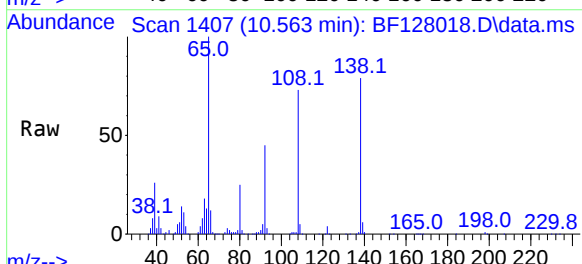
Manual Integrations

APPROVED

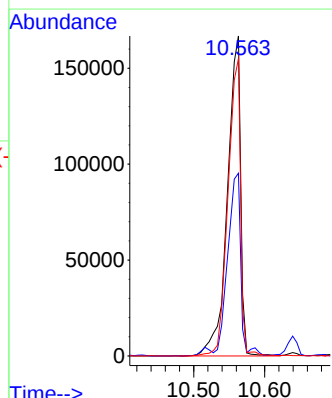
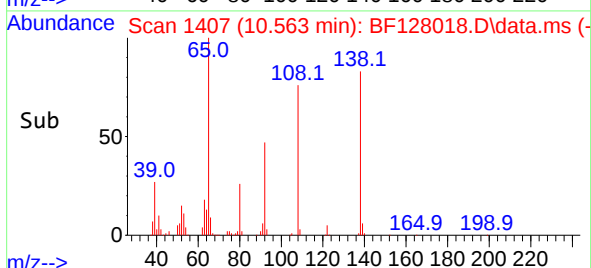
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

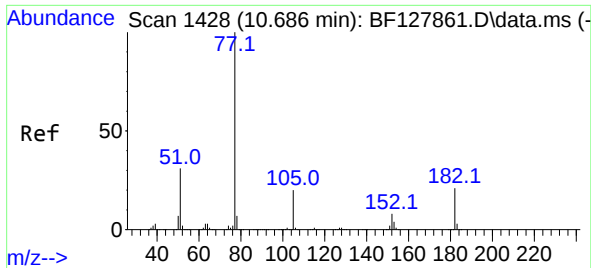


#62
4-Nitroaniline
Concen: 45.672 ng
RT: 10.563 min Scan# 1407
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion:138 Resp: 215044
Ion Ratio Lower Upper
138 100
92 57.1 37.4 77.4
108 92.8 68.4 108.4





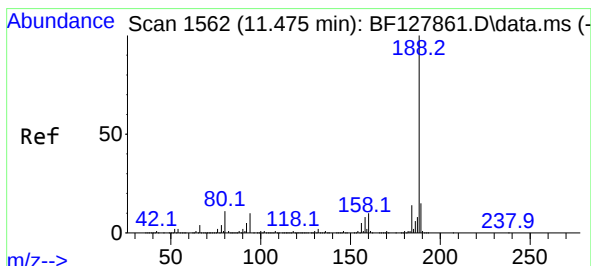
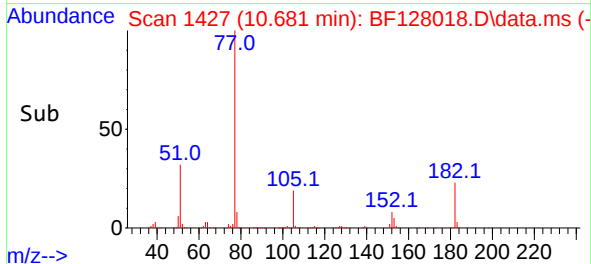
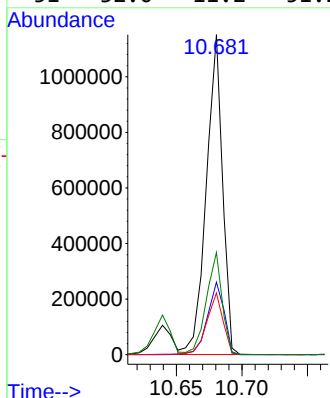
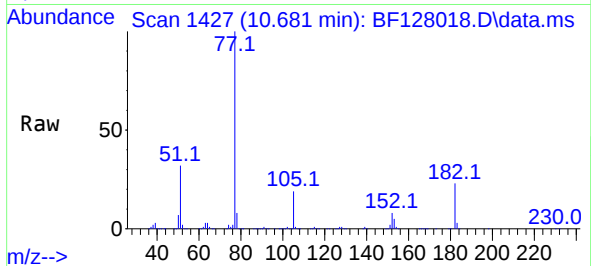
#63
Azobenzene
Concen: 45.907 ng
RT: 10.681 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :
BNA_F
ClientSampleId :
PB144471BS

Tgt Ion: 77 Resp: 992258
Ion Ratio Lower Upper
77 100
182 22.6 1.2 41.2
105 19.3 0.0 39.8
51 32.0 11.2 51.2

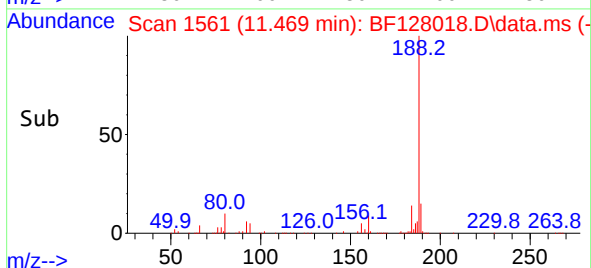
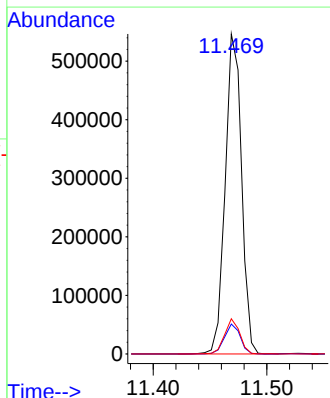
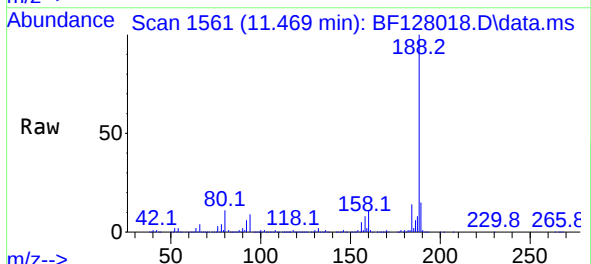
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:188 Resp: 546238
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 11.0 8.9 13.3





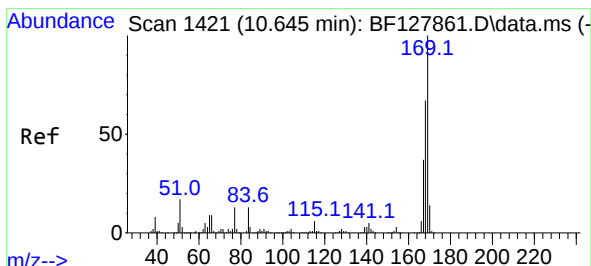
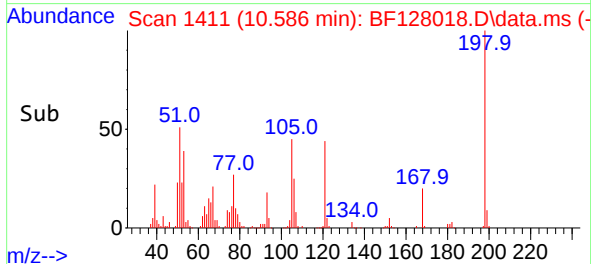
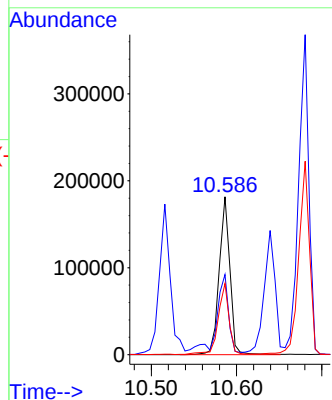
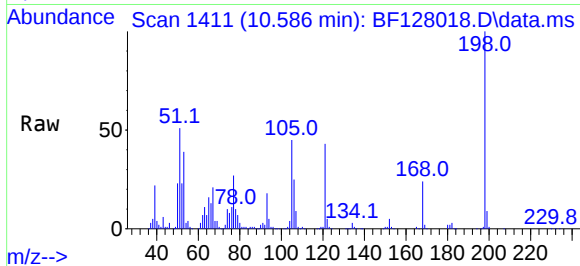
#65
4,6-Dinitro-2-methylphenol
Concen: 48.815 ng
RT: 10.586 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :
BNA_F
ClientSampleId :
PB144471BS

Tgt Ion:198 Resp: 15843
Ion Ratio Lower Upper
198 100
51 50.7 28.4 68.4
105 45.1 23.4 63.4

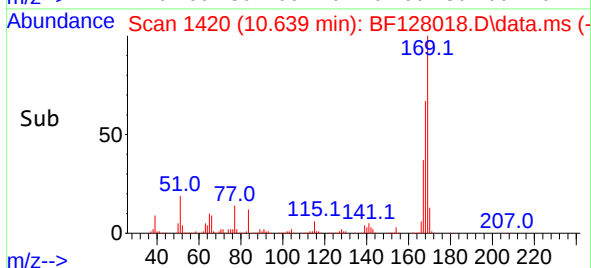
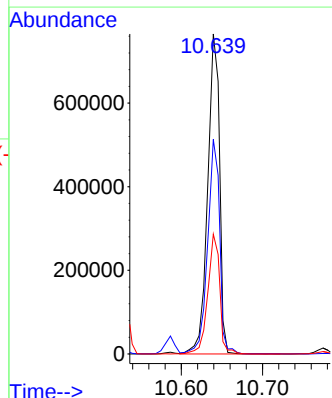
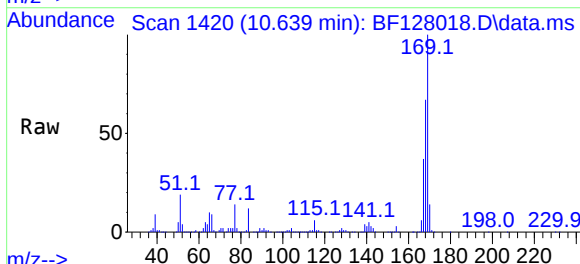
Manual Integrations
APPROVED

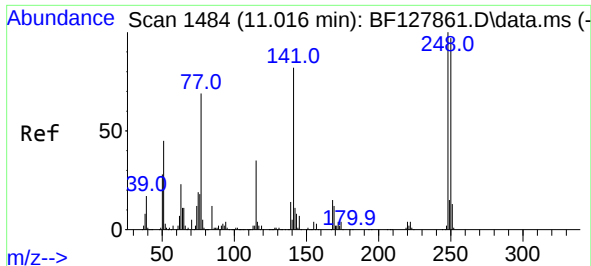
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#66
n-Nitrosodiphenylamine
Concen: 45.517 ng
RT: 10.639 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

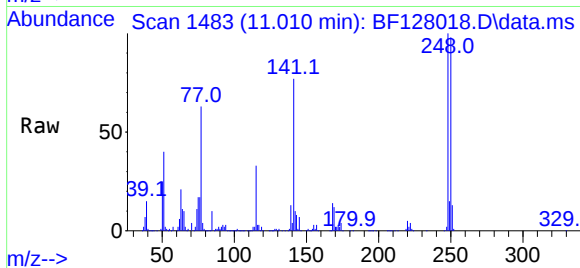
Tgt Ion:169 Resp: 773639
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 37.4 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 45.975 ng
RT: 11.010 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

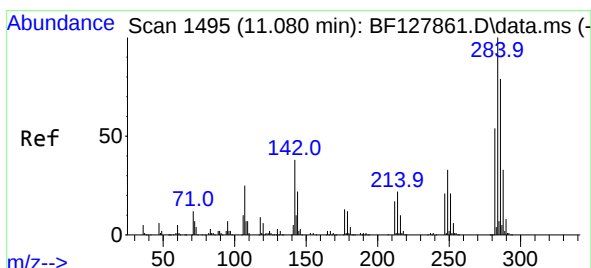
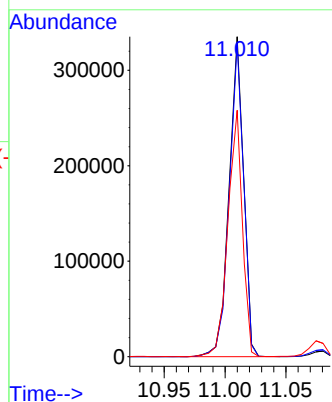
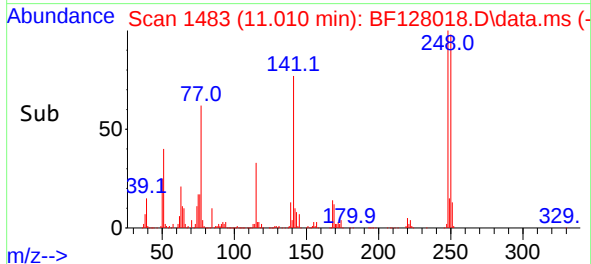
Instrument :
BNA_F
ClientSampleId :
PB144471BS



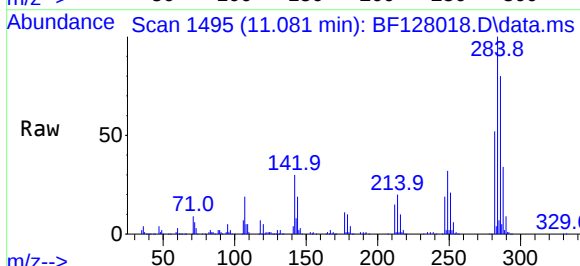
Tgt Ion:248 Resp: 278397
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 77.0 65.6 98.4

Manual Integrations
APPROVED

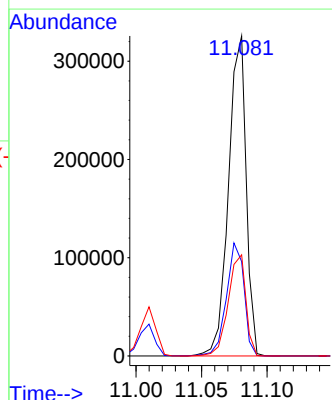
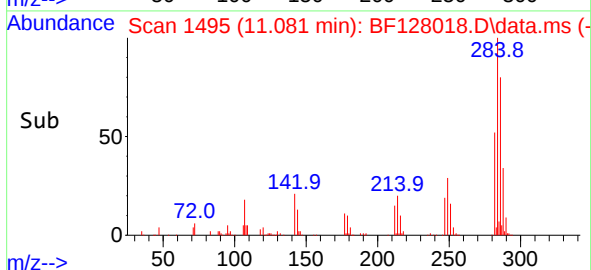
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

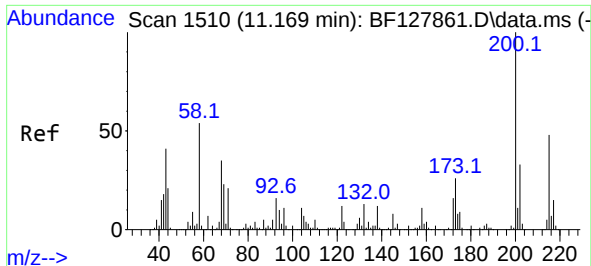


#68
Hexachlorobenzene
Concen: 47.812 ng
RT: 11.081 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



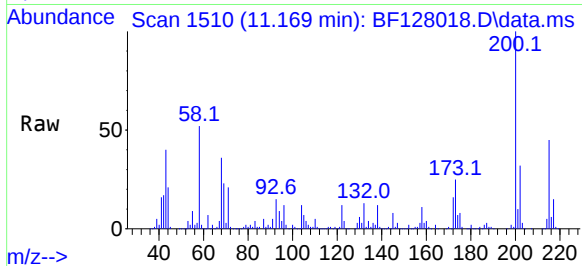
Tgt Ion:284 Resp: 305032
Ion Ratio Lower Upper
284 100
142 29.5 30.2 45.4#
249 31.6 26.1 39.1





#69
Atrazine
Concen: 53.715 ng
RT: 11.169 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

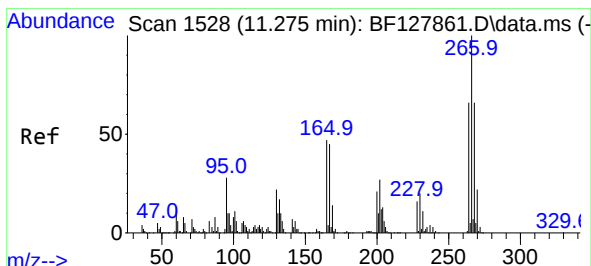
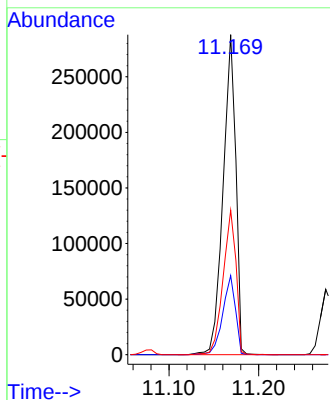
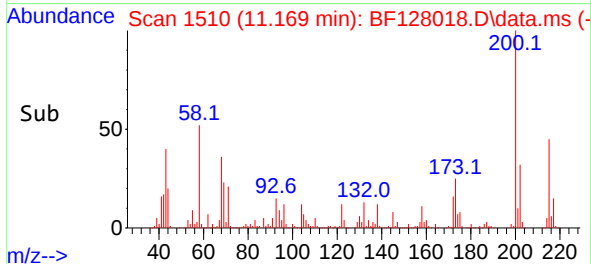
Instrument :
BNA_F
ClientSampleId :
PB144471BS



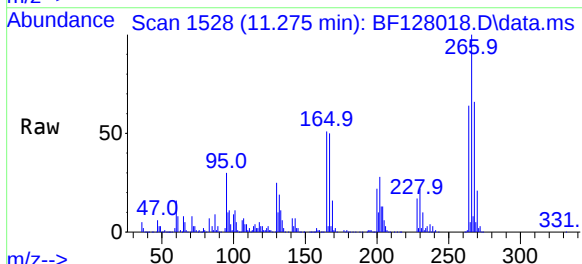
Tgt Ion:200 Resp: 282308
Ion Ratio Lower Upper
200 100
173 24.7 6.0 46.0
215 45.2 28.1 68.1

Manual Integrations
APPROVED

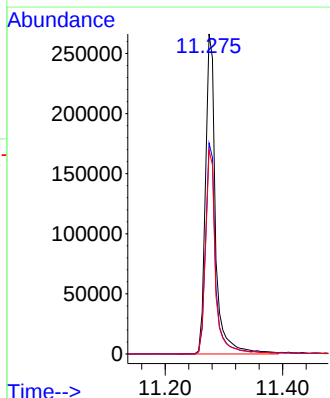
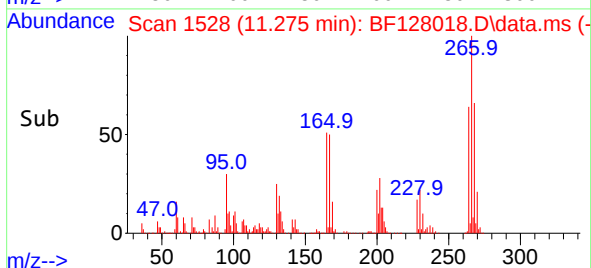
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

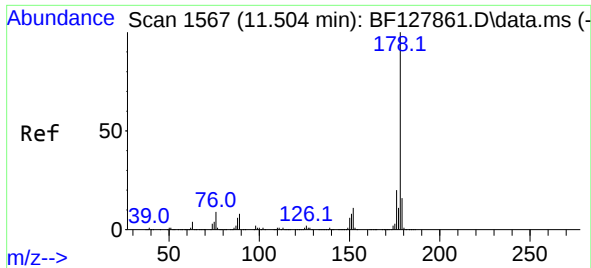


#70
Pentachlorophenol
Concen: 84.301 ng
RT: 11.275 min Scan# 1528
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion:266 Resp: 316406
Ion Ratio Lower Upper
266 100
268 65.8 53.0 79.6
264 63.7 53.1 79.7





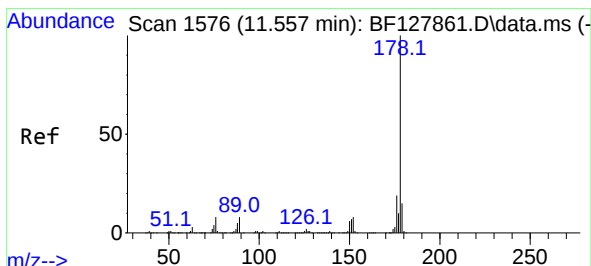
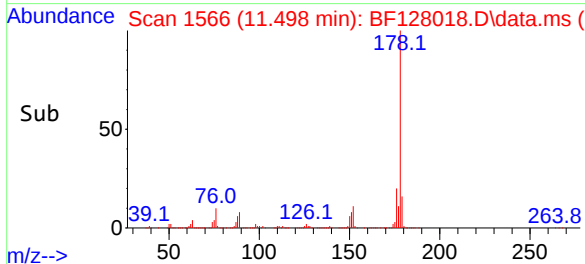
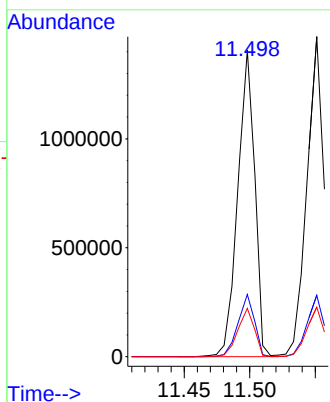
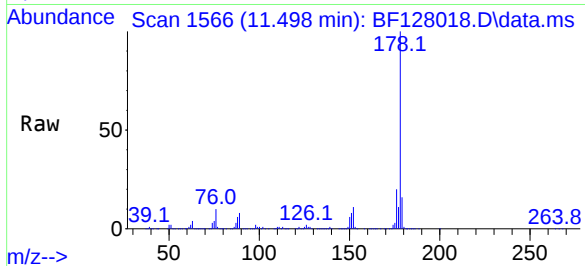
#71
Phenanthrene
Concen: 44.441 ng
RT: 11.498 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :
BNA_F
ClientSampleId :
PB144471BS

Tgt Ion:178 Resp: 1270699
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 15.8 12.6 19.0

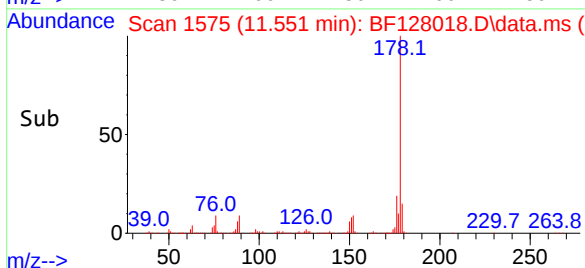
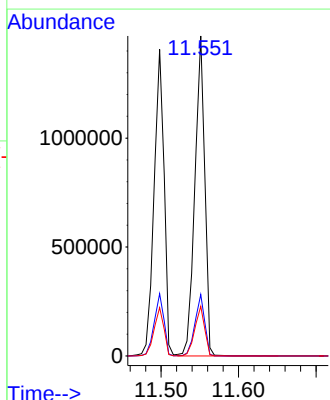
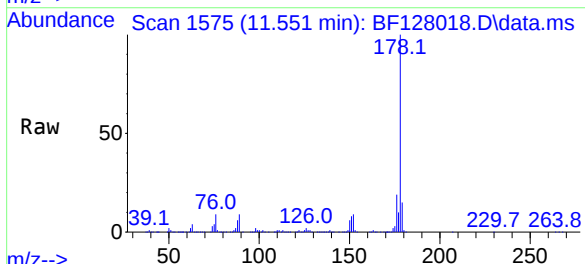
Manual Integrations
APPROVED

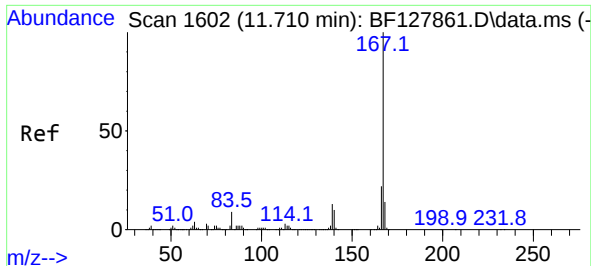
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#72
Anthracene
Concen: 45.875 ng
RT: 11.551 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

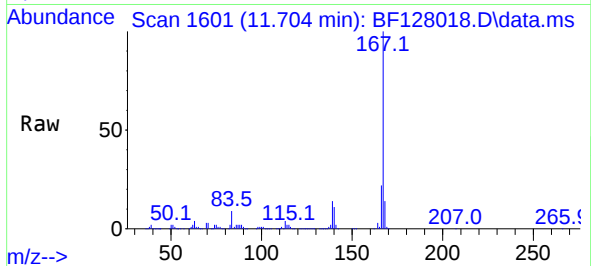
Tgt Ion:178 Resp: 1306639
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 15.5 12.4 18.6





#73
Carbazole
Concen: 42.616 ng
RT: 11.704 min Scan# 1601
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

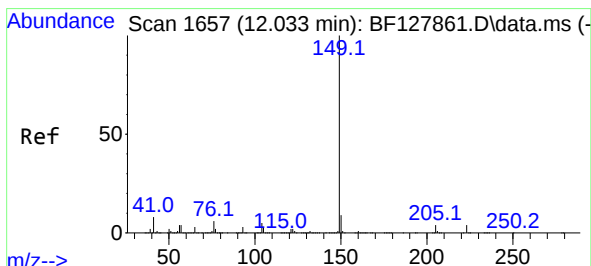
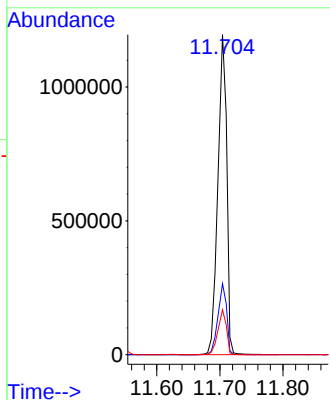
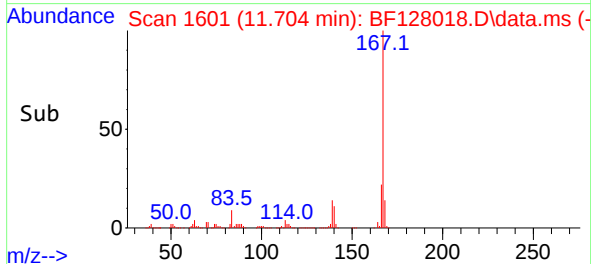
Instrument :
BNA_F
ClientSampleId :
PB144471BS



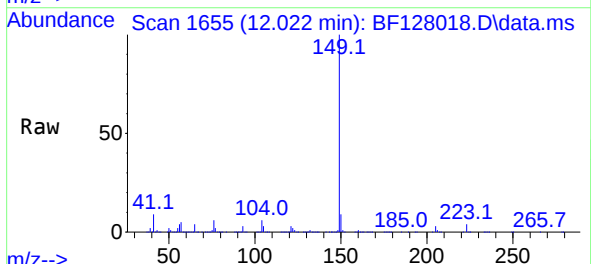
Tgt Ion:167 Resp: 1169858
Ion Ratio Lower Upper
167 100
166 22.2 17.6 26.4
139 14.1 10.7 16.1

Manual Integrations
APPROVED

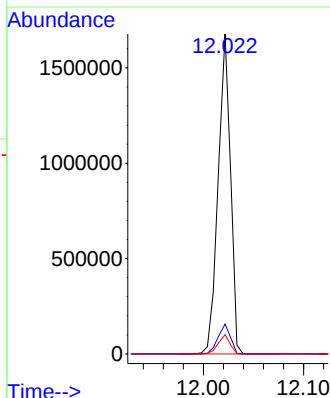
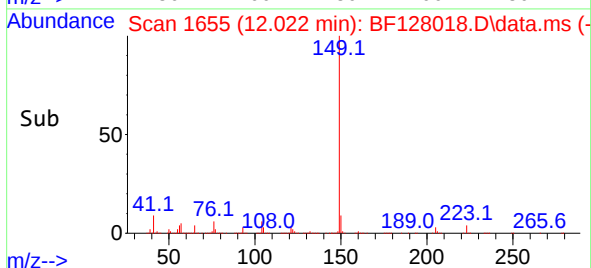
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

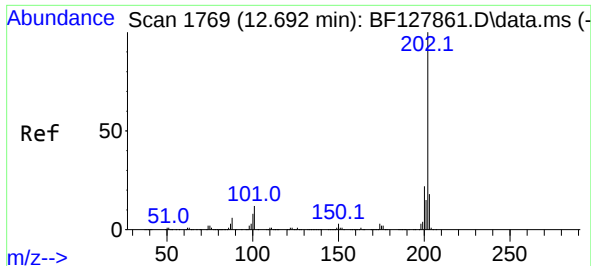


#74
Di-n-butylphthalate
Concen: 46.296 ng
RT: 12.022 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



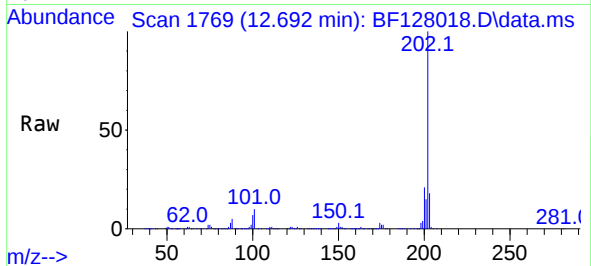
Tgt Ion:149 Resp: 1429065
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 6.0 4.3 6.5





#75
Fluoranthene
Concen: 45.027 ng
RT: 12.692 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

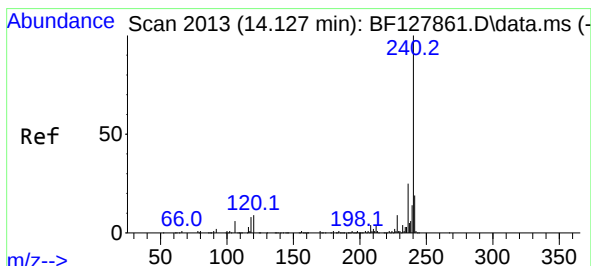
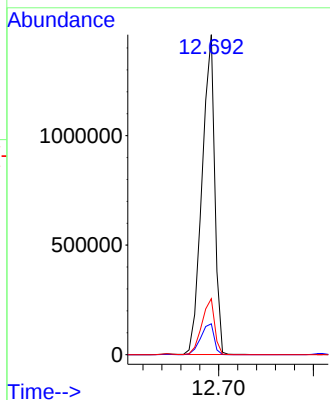
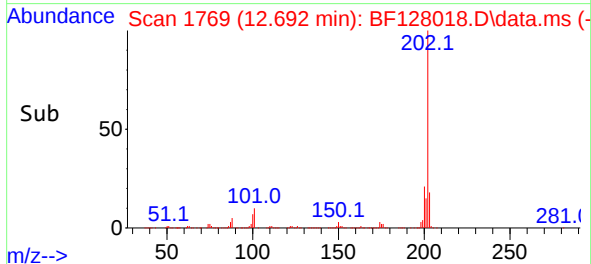
Instrument :
BNA_F
ClientSampleId :
PB144471BS



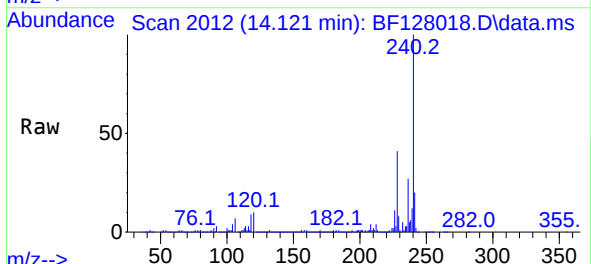
Tgt Ion:202 Resp: 135499
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.6
203 17.5 0.0 38.1

Manual Integrations
APPROVED

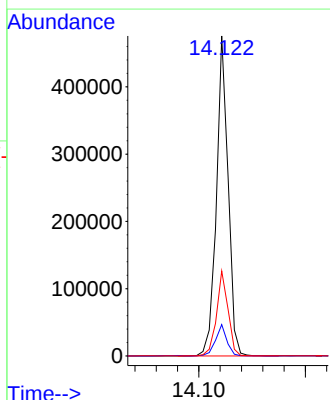
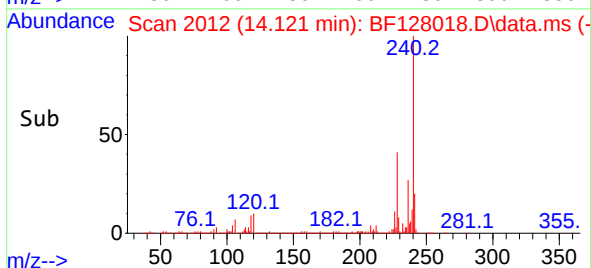
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

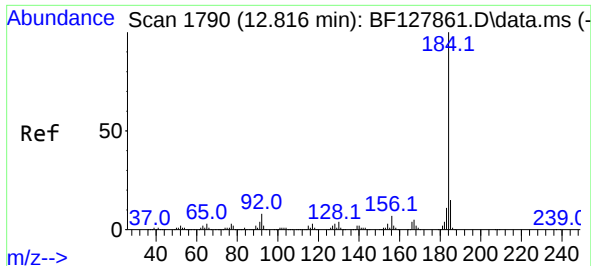


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion:240 Resp: 360495
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 26.6 20.3 30.5





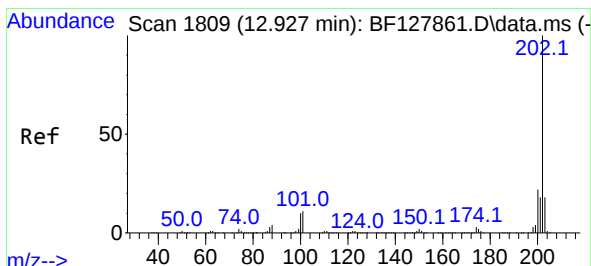
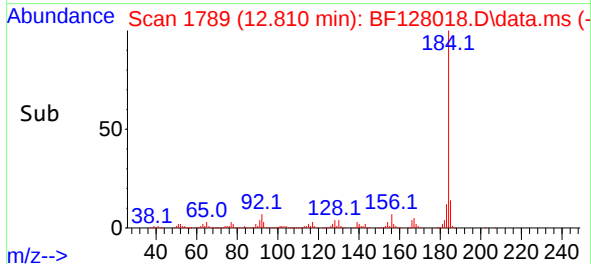
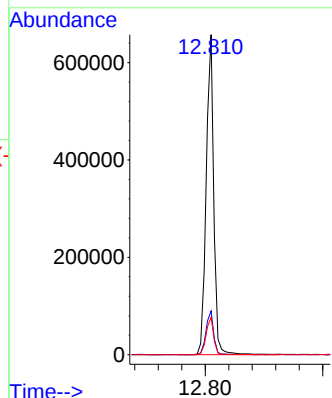
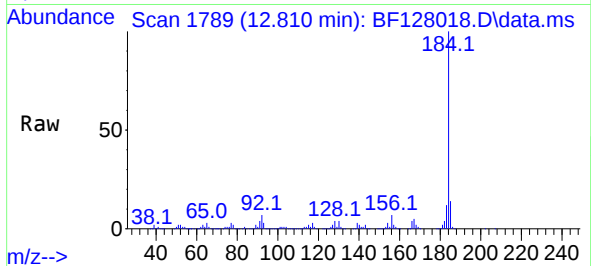
#77
Benzidine
Concen: 85.948 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :
BNA_F
ClientSampleId :
PB144471BS

Tgt Ion:184 Resp: 586250
Ion Ratio Lower Upper
184 100
185 13.7 12.1 18.1
183 11.7 9.0 13.4

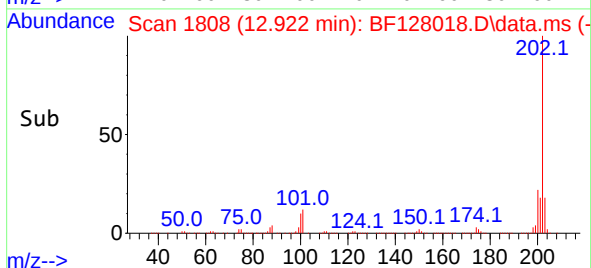
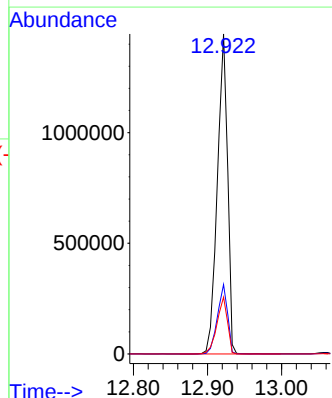
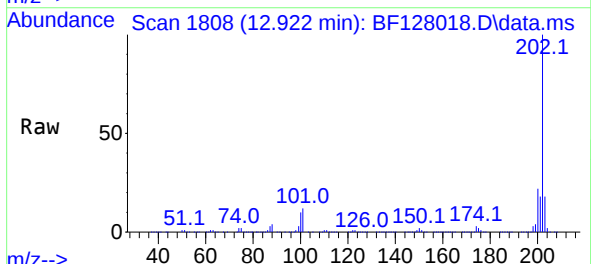
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#78
Pyrene
Concen: 47.460 ng
RT: 12.922 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:202 Resp: 1381141
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.7 14.0 21.0





#79
Terphenyl-d14
Concen: 97.009 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

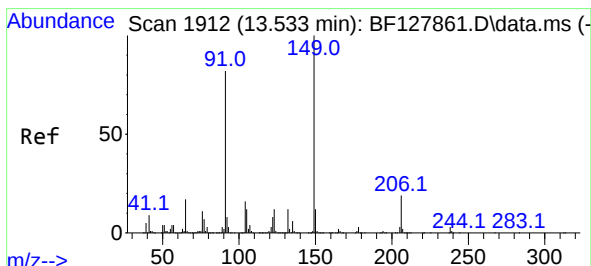
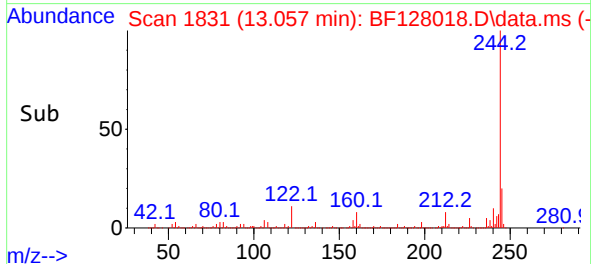
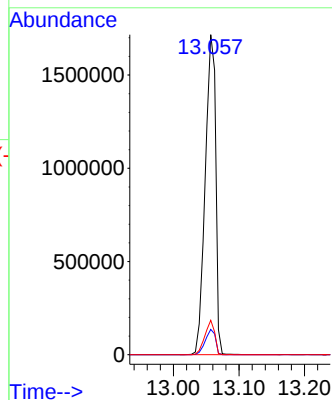
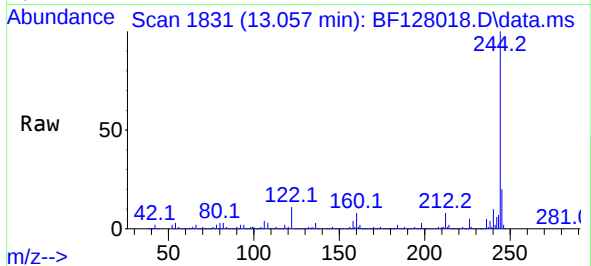
PB144471BS

Tgt Ion:244 Resp: 1912508
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.4
122 10.7 8.6 12.8

Manual Integrations

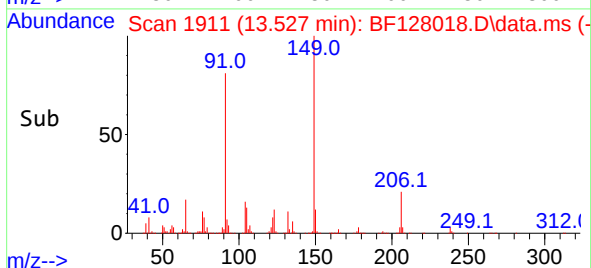
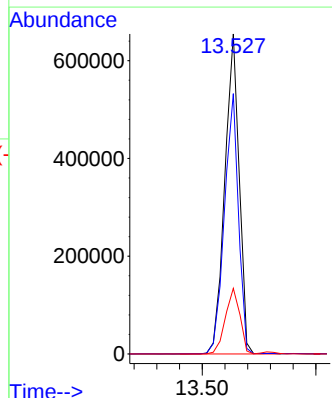
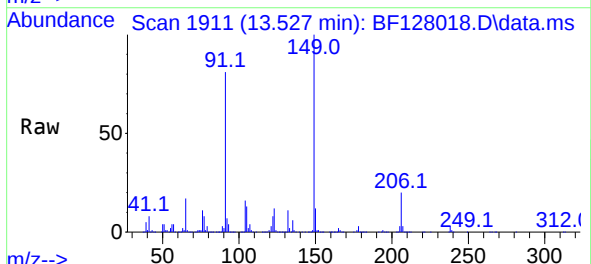
APPROVED

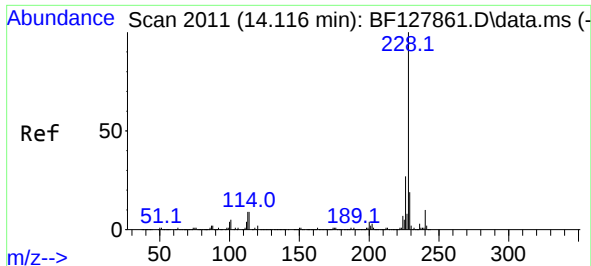
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#80
Butylbenzylphthalate
Concen: 50.560 ng
RT: 13.527 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:149 Resp: 576696
Ion Ratio Lower Upper
149 100
91 81.4 65.8 98.6
206 20.5 15.4 23.2





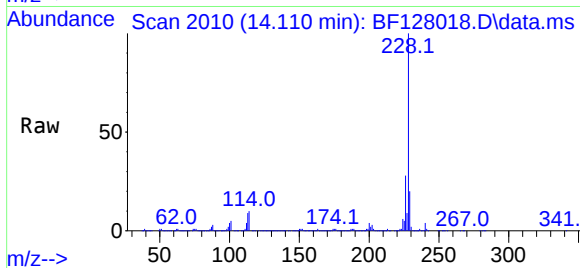
#81
Benzo(a)anthracene
Concen: 47.475 ng
RT: 14.110 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

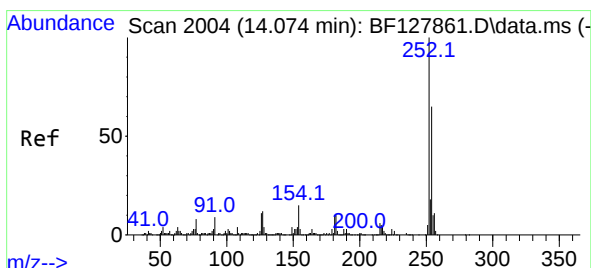
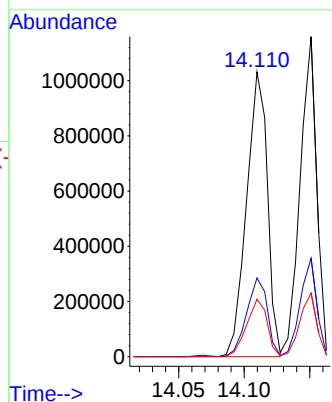
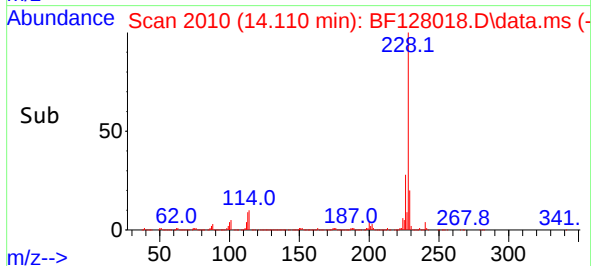


Tgt Ion:228 Resp: 114073
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.2 15.4 23.2

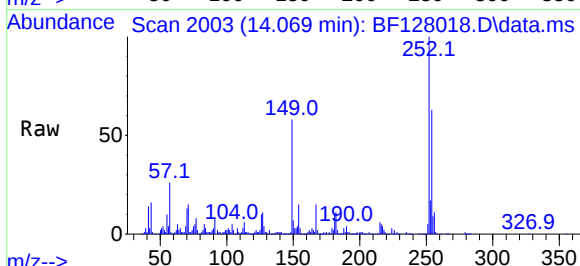
Manual Integrations

APPROVED

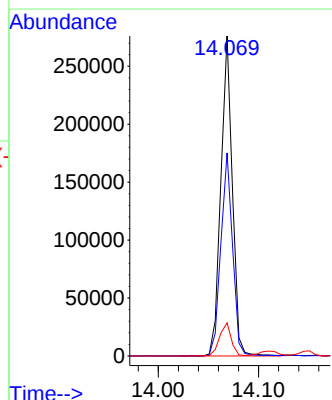
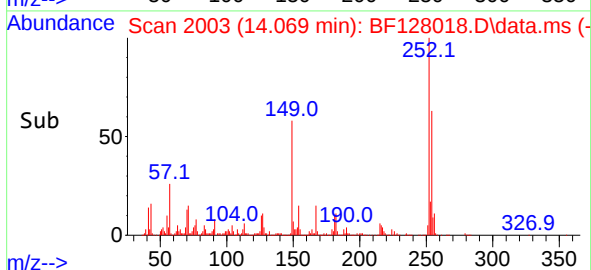
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

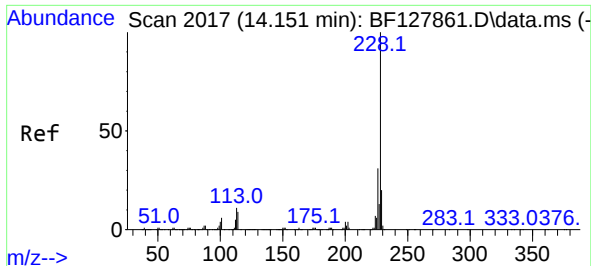


#82
3,3'-Dichlorobenzidine
Concen: 28.803 ng
RT: 14.069 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion:252 Resp: 219744
Ion Ratio Lower Upper
252 100
254 63.5 51.6 77.4
126 10.3 8.8 13.2





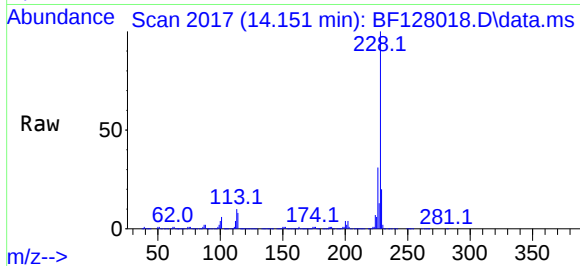
#83
Chrysene
Concen: 44.414 ng
RT: 14.151 min Scan# 2017
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB144471BS

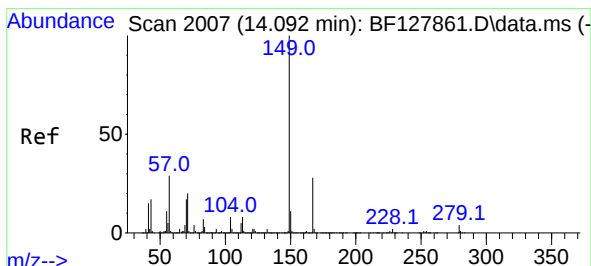
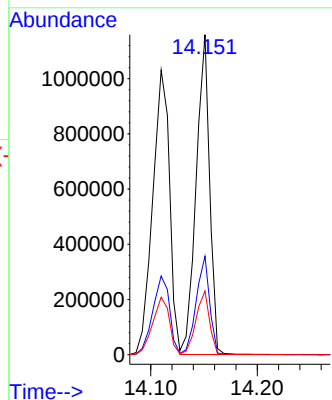
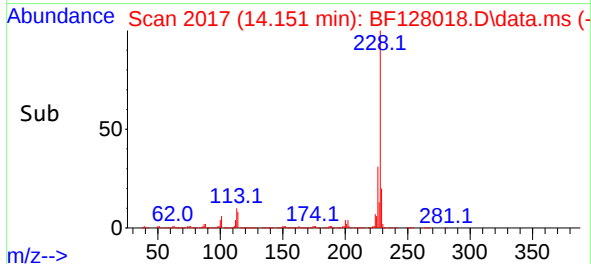


Tgt Ion:228 Resp: 1019200
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 19.9 15.8 23.8

Manual Integrations

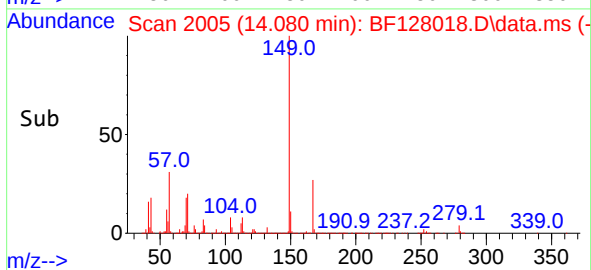
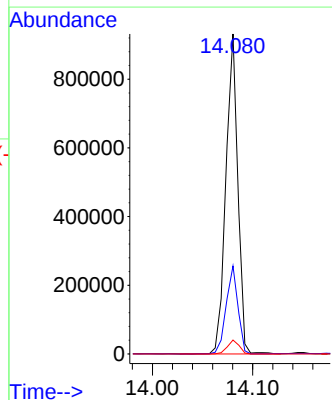
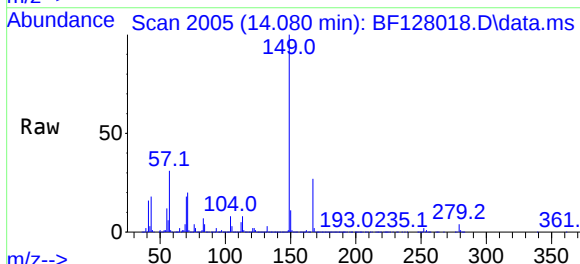
APPROVED

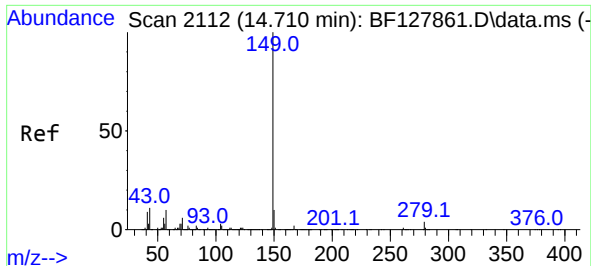
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.678 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

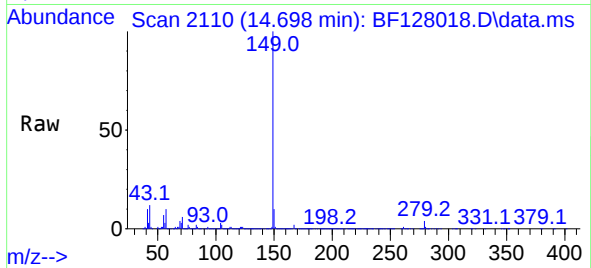
Tgt Ion:149 Resp: 766565
Ion Ratio Lower Upper
149 100
167 27.5 22.0 33.0
279 4.3 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 49.600 ng
RT: 14.698 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

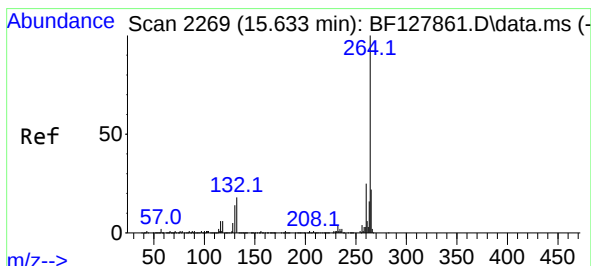
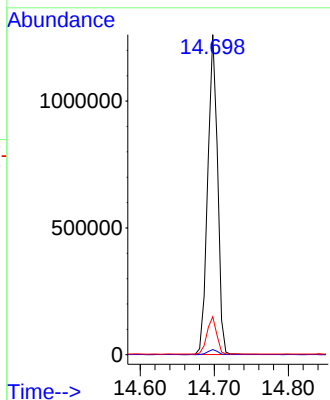
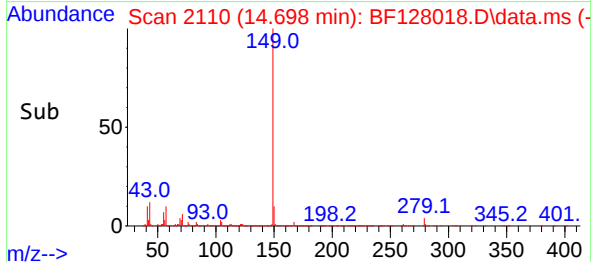
Instrument :
BNA_F
ClientSampleId :
PB144471BS



Tgt Ion:149 Resp: 116267
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.4 8.9 13.3

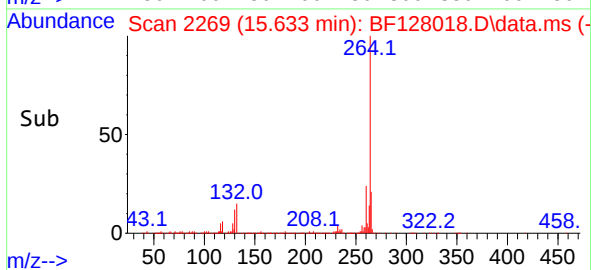
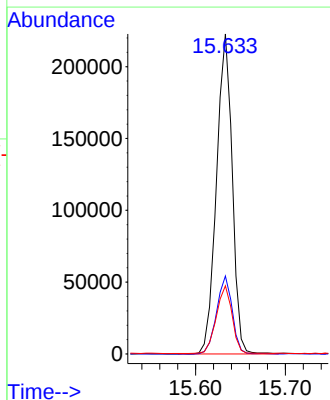
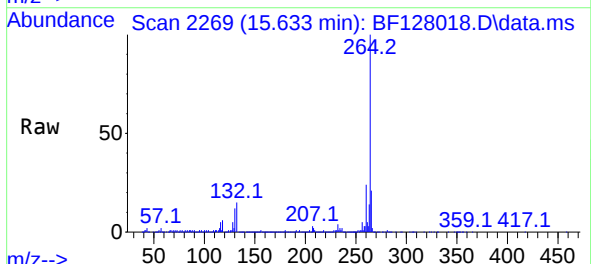
Manual Integrations
APPROVED

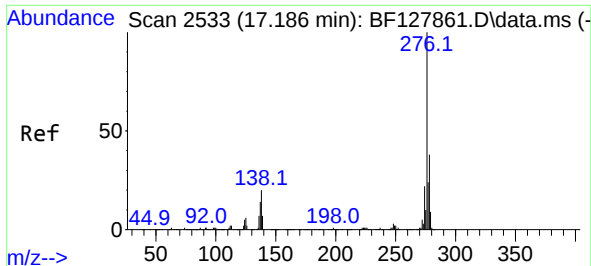
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2269
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:264 Resp: 271291
Ion Ratio Lower Upper
264 100
260 24.3 20.1 30.1
265 21.3 17.5 26.3





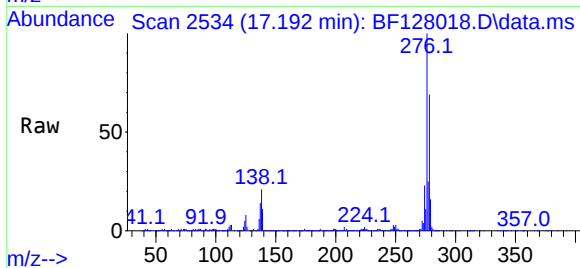
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.520 ng
RT: 17.192 min Scan# 2534
Delta R.T. 0.024 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

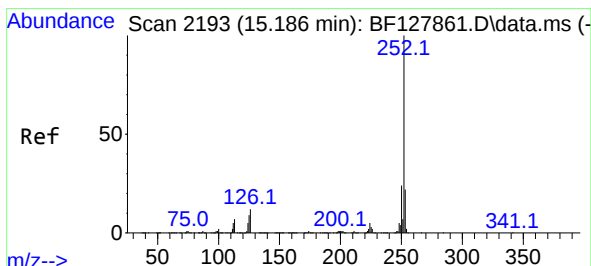
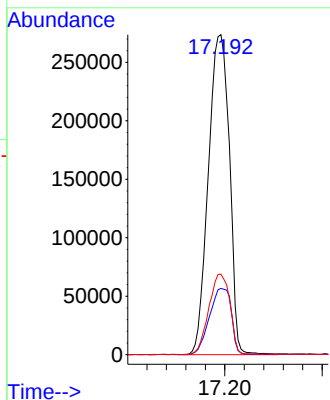
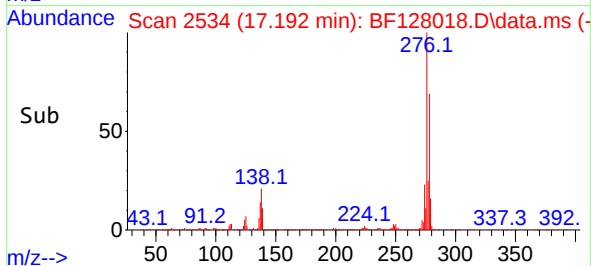
PB144471BS



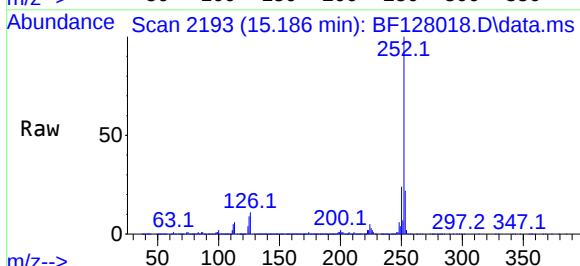
Tgt Ion:276 Resp: 82428
Ion Ratio Lower Upper
276 100
138 21.5 19.0 28.4
277 25.4 20.1 30.1

Manual Integrations
APPROVED

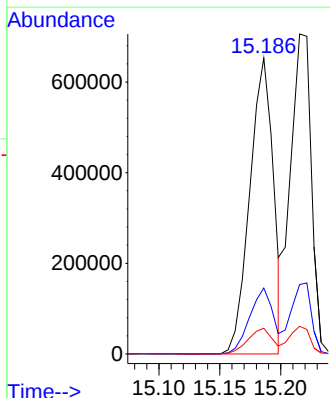
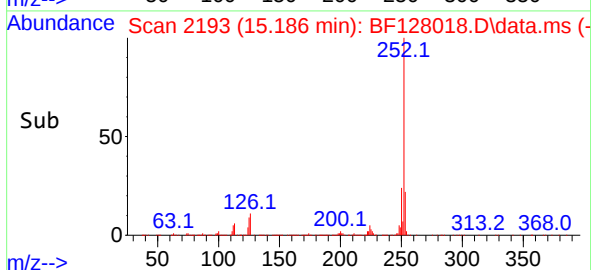
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022

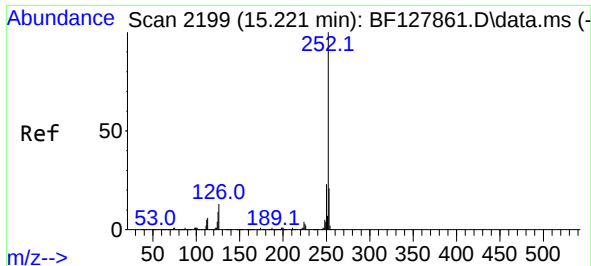


#88
Benzo(b)fluoranthene
Concen: 51.418 ng
RT: 15.186 min Scan# 2193
Delta R.T. 0.012 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22



Tgt Ion:252 Resp: 876134
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 8.7 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 49.286 ng
RT: 15.216 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

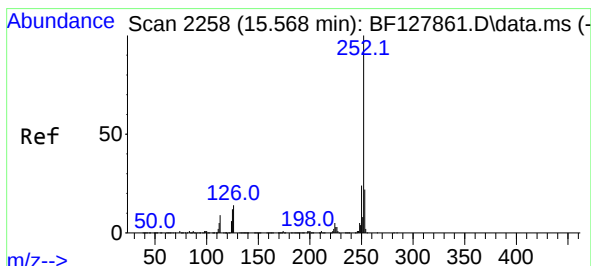
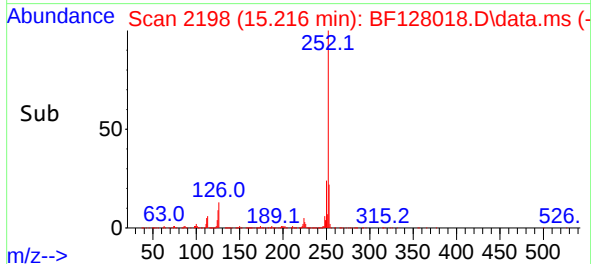
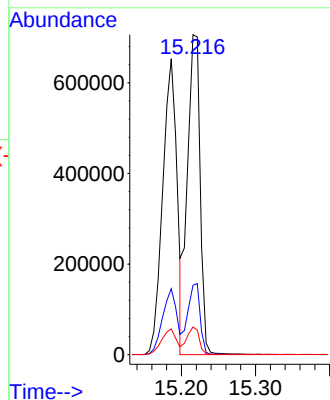
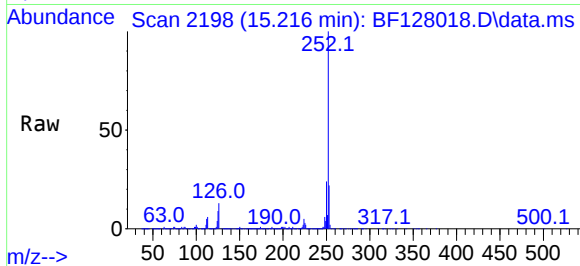
PB144471BS

Tgt Ion:252 Resp: 84609
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 8.7 6.8 10.2

Manual Integrations

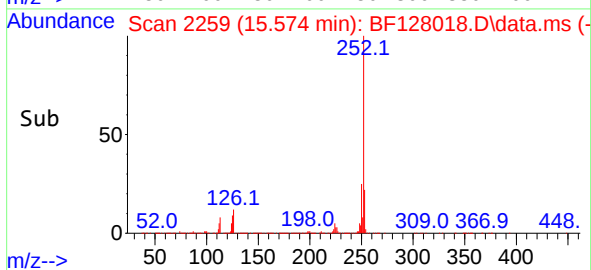
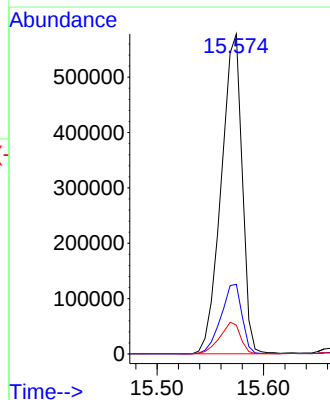
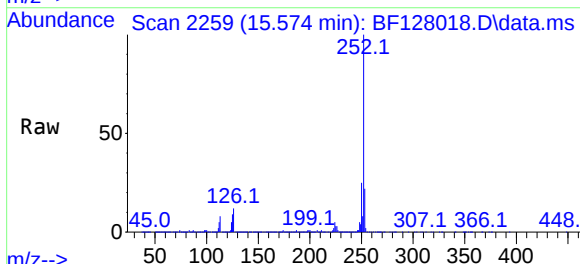
APPROVED

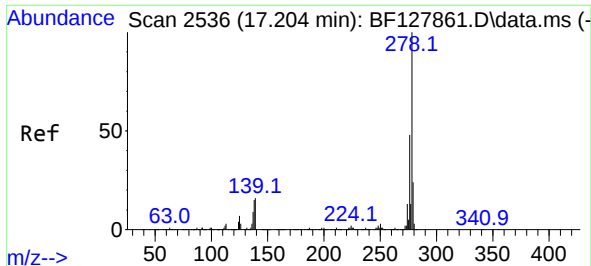
Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#90
Benzo(a)pyrene
Concen: 55.724 ng
RT: 15.574 min Scan# 2259
Delta R.T. 0.018 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:252 Resp: 787604
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 9.0 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 48.360 ng
RT: 17.210 min Scan# 2536
Delta R.T. 0.024 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Instrument :

BNA_F

ClientSampleId :

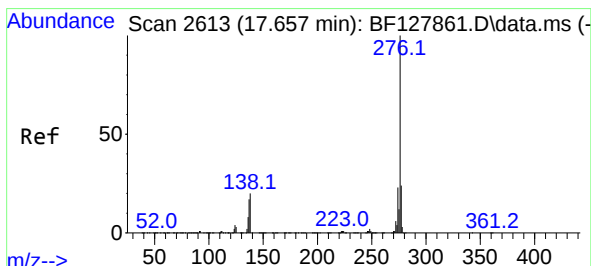
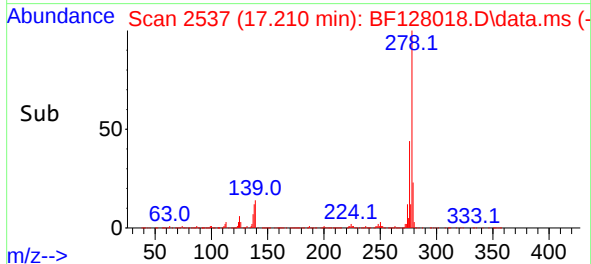
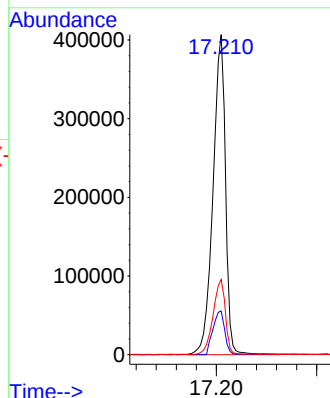
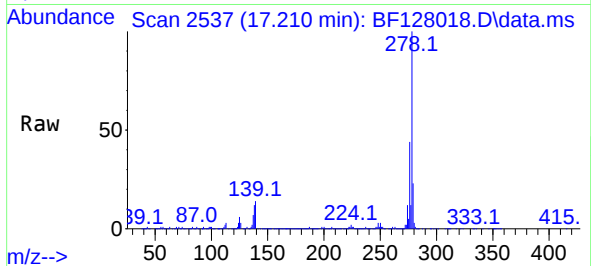
PB144471BS

Tgt Ion:278 Resp: 702310
Ion Ratio Lower Upper
278 100
139 13.6 12.6 19.0
279 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#92
Benzo(g,h,i)perylene
Concen: 48.070 ng
RT: 17.668 min Scan# 2615
Delta R.T. 0.030 min
Lab File: BF128018.D
Acq: 02 May 2022 11:22

Tgt Ion:276 Resp: 735696
Ion Ratio Lower Upper
276 100
277 23.1 18.8 28.2
138 17.9 16.2 24.2

