

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127973.D
 Acq On : 28 Apr 2022 11:23
 Operator : CG\JU
 Sample : PB144382BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144382BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/29/2022
 Supervised By : Jagrut Upadhyay 04/29/2022

Quant Time: Apr 28 17:22:12 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	6.933	152	127689	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	499749	20.000	ng	0.00
39) Acenaphthene-d10	9.974	164	277823	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	482803	20.000	ng	0.00
76) Chrysene-d12	14.115	240	294954	20.000	ng	0.00
86) Perylene-d12	15.621	264	249043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	899393	112.190	ng	0.02
7) Phenol-d6	6.563	99	1177137	113.162	ng	0.00
23) Nitrobenzene-d5	7.498	82	854431	80.398	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	326195	116.633	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1321529	80.472	ng	0.00
79) Terphenyl-d14	13.057	244	1364706	84.605	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.875	88	124002	32.419	ng	98
3) Pyridine	3.628	79	286140	29.197	ng	98
4) n-Nitrosodimethylamine	3.593	42	210849	44.447	ng	95
6) Aniline	6.598	93	444406	35.958	ng	97
8) 2-Chlorophenol	6.716	128	369508	44.409	ng	98
9) Benzaldehyde	6.486	77	207434	32.234	ng	95
10) Phenol	6.575	94	449776m	42.870	ng	
11) bis(2-Chloroethyl)ether	6.669	93	376700	43.284	ng	99
12) 1,3-Dichlorobenzene	6.875	146	389955	40.715	ng	97
13) 1,4-Dichlorobenzene	6.951	146	395354	41.355	ng	98
14) 1,2-Dichlorobenzene	7.104	146	378841	42.806	ng	100
15) Benzyl Alcohol	7.075	79	304440	43.037	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	581389	43.709	ng	97
17) 2-Methylphenol	7.181	107	334833	46.640	ng	98
18) Hexachloroethane	7.445	117	153176	43.583	ng	99
19) n-Nitroso-di-n-propyla...	7.345	70	279233	43.852	ng	97
20) 3+4-Methylphenols	7.333	107	372139	42.911	ng	97
22) Acetophenone	7.345	105	512787	42.099	ng	96
24) Nitrobenzene	7.522	77	443741	43.331	ng	97
25) Isophorone	7.757	82	770684	43.087	ng	99
26) 2-Nitrophenol	7.833	139	194425	44.554	ng	95
27) 2,4-Dimethylphenol	7.863	122	337485	46.561	ng	97
28) bis(2-Chloroethoxy)met...	7.963	93	459582	40.092	ng	98
29) 2,4-Dichlorophenol	8.075	162	306113	40.312	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	342245	39.678	ng	99
31) Naphthalene	8.239	128	1039177	40.827	ng	100
32) Benzoic acid	7.992	122	211890	40.785	ng	97
33) 4-Chloroaniline	8.286	127	233582	23.194	ng	99
34) Hexachlorobutadiene	8.351	225	224914	41.397	ng	98
35) Caprolactam	8.663	113	99754m	40.697	ng	
36) 4-Chloro-3-methylphenol	8.769	107	344101	42.430	ng	96
37) 2-Methylnaphthalene	8.933	142	710087	42.213	ng	99
38) 1-Methylnaphthalene	9.033	142	653892	39.992	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	336750	41.123	ng	97
41) Hexachlorocyclopentadiene	9.080	237	411239	92.691	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	214672	39.841	ng	100

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Manual Integrations
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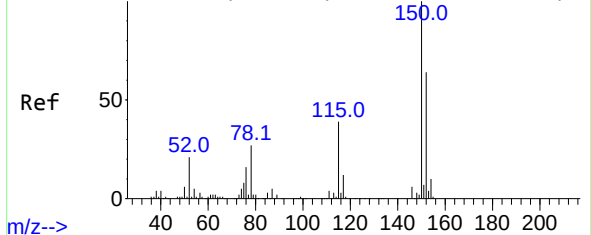
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	239503	40.889	ng	95
46) 1,1'-Biphenyl	9.398	154	849590	41.283	ng	98
47) 2-Chloronaphthalene	9.422	162	627484	40.052	ng	97
48) 2-Nitroaniline	9.522	65	228577	43.132	ng	97
49) Acenaphthylene	9.839	152	971584	40.542	ng	100
50) Dimethylphthalate	9.698	163	749711	40.237	ng	99
51) 2,6-Dinitrotoluene	9.763	165	171443	42.498	ng	95
52) Acenaphthene	10.010	154	733511m	45.527	ng	
53) 3-Nitroaniline	9.933	138	121327	27.084	ng	91
54) 2,4-Dinitrophenol	10.039	184	183690	86.461	ng	# 82
55) Dibenzofuran	10.186	168	904802	38.924	ng	99
56) 4-Nitrophenol	10.092	139	259546	75.875	ng	90
57) 2,4-Dinitrotoluene	10.169	165	233385	43.676	ng	94
58) Fluorene	10.527	166	687052	39.610	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	207840	42.196	ng	100
60) Diethylphthalate	10.398	149	736449	40.308	ng	99
61) 4-Chlorophenyl-phenyle...	10.516	204	340548	39.510	ng	95
62) 4-Nitroaniline	10.551	138	165326	37.749	ng	95
63) Azobenzene	10.680	77	802233	39.903	ng	97
65) 4,6-Dinitro-2-methylph...	10.574	198	124100	43.259	ng	98
66) n-Nitrosodiphenylamine	10.639	169	617592	41.110	ng	98
67) 4-Bromophenyl-phenylether	11.010	248	218200	40.769	ng	94
68) Hexachlorobenzene	11.074	284	241024	42.743	ng	94
69) Atrazine	11.163	200	219316	47.212	ng	95
70) Pentachlorophenol	11.268	266	267067	80.505	ng	97
71) Phenanthrene	11.492	178	1010385	39.979	ng	99
72) Anthracene	11.545	178	1036214	41.160	ng	99
73) Carbazole	11.698	167	917472	37.813	ng	99
74) Di-n-butylphthalate	12.021	149	1102669	40.415	ng	100
75) Fluoranthene	12.686	202	1039478	39.080	ng	97
77) Benzidine	12.804	184	349137	62.559	ng	99
78) Pyrene	12.915	202	1027833	43.168	ng	99
80) Butylbenzylphthalate	13.527	149	410733	44.011	ng	92
81) Benzo(a)anthracene	14.104	228	798860	40.635	ng	100
82) 3,3'-Dichlorobenzidine	14.062	252	217484	34.841	ng	100
83) Chrysene	14.139	228	767633	40.885	ng	99
84) Bis(2-ethylhexyl)phtha...	14.080	149	529924	42.818	ng	99
85) Di-n-octyl phthalate	14.698	149	805318	41.989	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	766776	46.127	ng	98
88) Benzo(b)fluoranthene	15.174	252	734561	46.960	ng	99
89) Benzo(k)fluoranthene	15.209	252	658309	41.773	ng	99
90) Benzo(a)pyrene	15.562	252	674851	52.012	ng	97
91) Dibenzo(a,h)anthracene	17.192	278	647860	48.595	ng	98
92) Benzo(g,h,i)perylene	17.645	276	659599	46.948	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: 6.933 min Scan# 79

Delta R.T. -0.001 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB144382BS

Tgt Ion:152 Resp: 127689

Ion Ratio Lower Upper

152 100

150 158.7 125.3 187.9

115 64.6 48.8 73.2

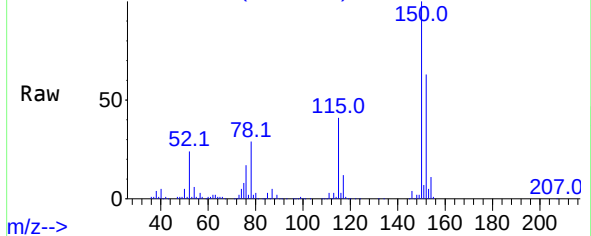
Manual Integrations

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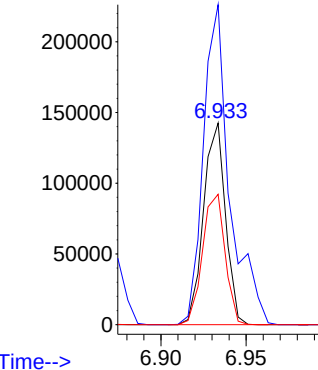
Reviewed By :Christian Giraldo 04/29/2022

Supervised By :Jagrut Upadhyay 04/29/2022

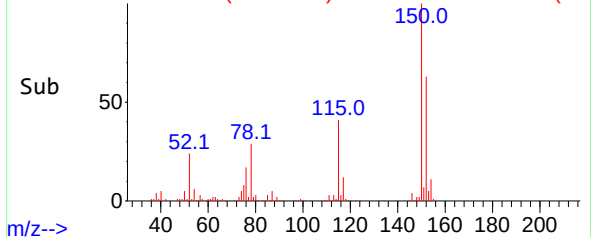
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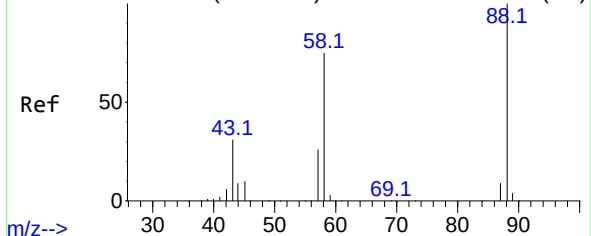
Abundance



Abundance Scan 790 (6.933 min): BF127973.D\data.ms (-77)



Abundance Scan 83 (2.775 min): BF127861.D\data.ms (-76)



#2

1,4-Dioxane

Concen: 32.419 ng

RT: 2.875 min Scan# 100

Delta R.T. 0.112 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

Tgt Ion: 88 Resp: 124002

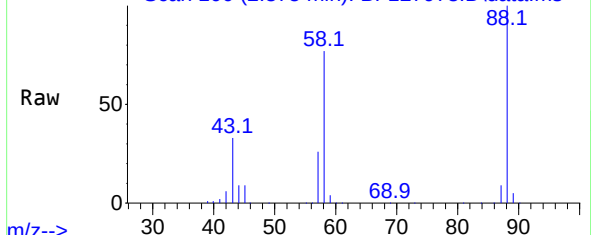
Ion Ratio Lower Upper

88 100

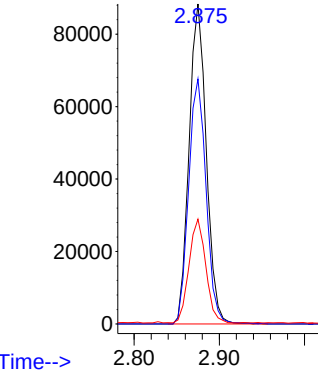
58 77.7 61.0 91.4

43 31.6 24.9 37.3

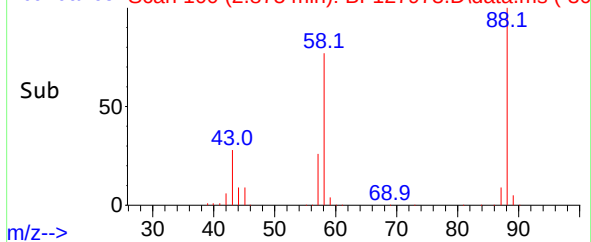
Abundance Scan 100 (2.875 min): BF127973.D\data.ms

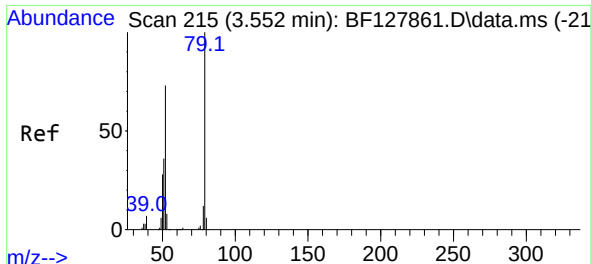


Abundance



Abundance Scan 100 (2.875 min): BF127973.D\data.ms (-30)





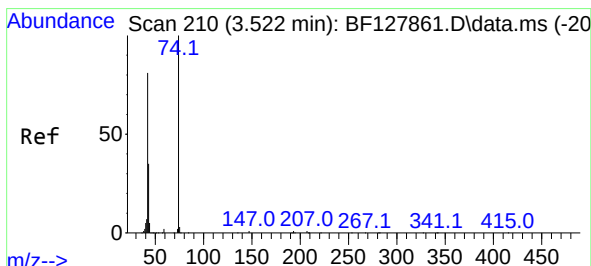
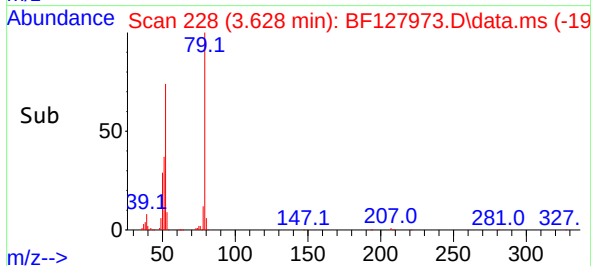
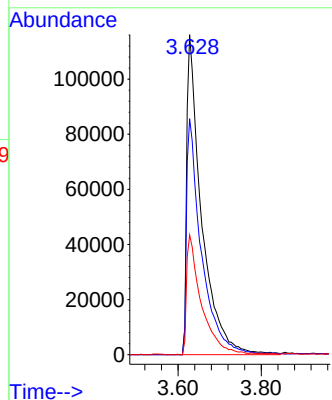
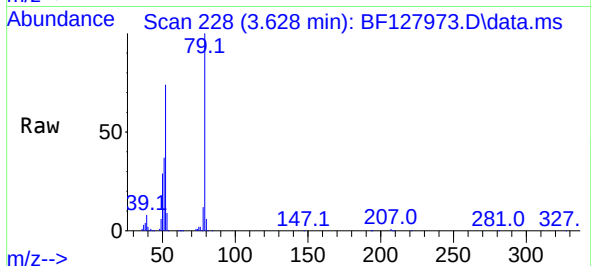
#3
Pyridine
Concen: 29.197 ng
RT: 3.628 min Scan# 215
Delta R.T. 0.088 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :
BNA_F
ClientSampleId :
PB144382BS

Tgt Ion: 79 Resp: 286140
Ion Ratio Lower Upper
79 100
52 73.7 58.3 87.5
51 37.4 28.6 42.8

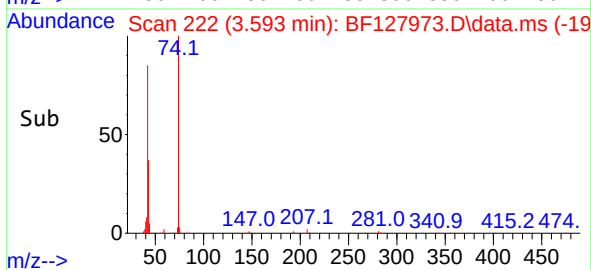
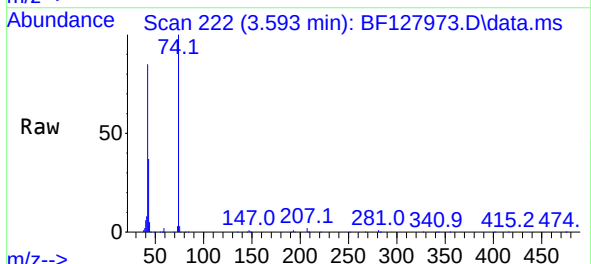
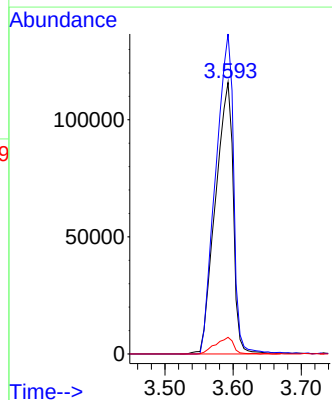
Manual Integrations
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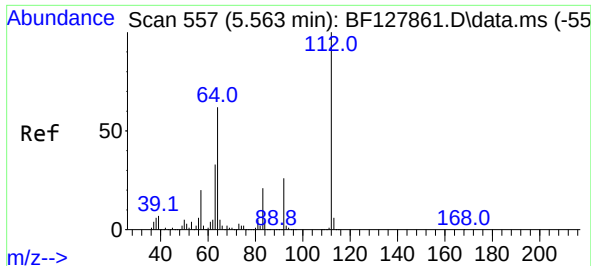
Reviewed By :Christian Giraldo 04/29/2022
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#4
n-Nitrosodimethylamine
Concen: 44.447 ng
RT: 3.593 min Scan# 222
Delta R.T. 0.082 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion: 42 Resp: 210849
Ion Ratio Lower Upper
42 100
74 117.9 99.0 148.4
44 6.2 5.2 7.8





#5
2-Fluorophenol
Concen: 112.190 ng
RT: 5.569 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

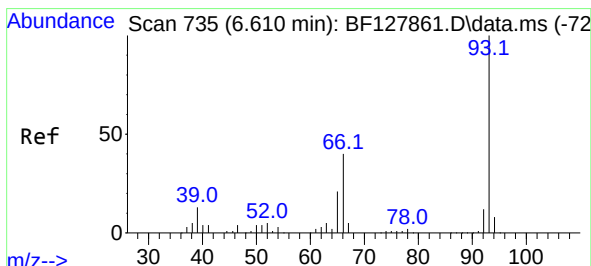
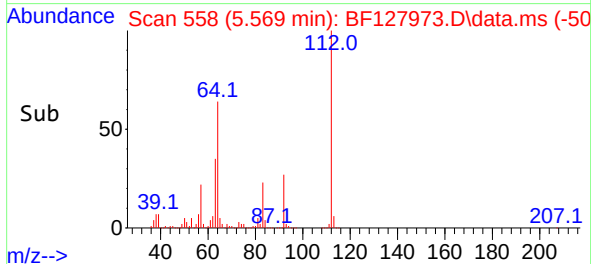
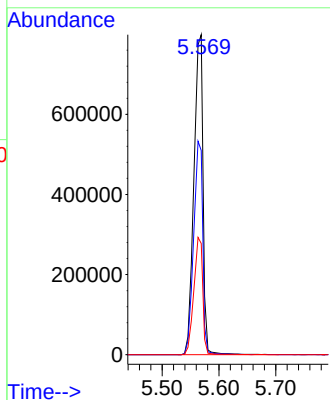
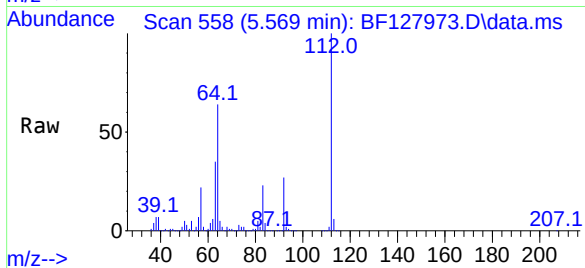
PB144382BS

Tgt Ion:112 Resp: 89939
Ion Ratio Lower Upper
112 100
64 63.8 49.5 74.3
63 34.7 26.3 39.5

Manual Integrations

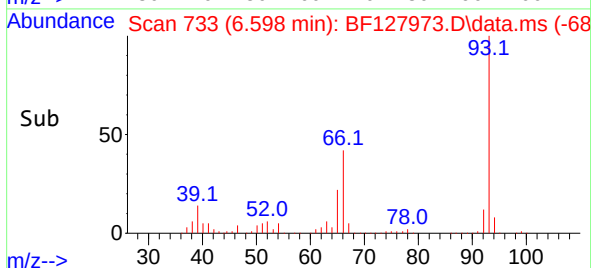
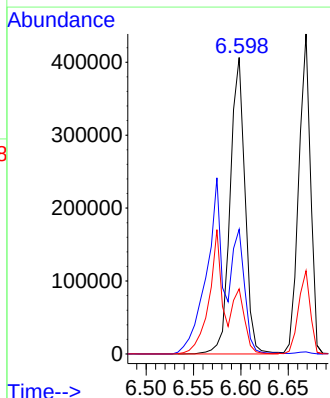
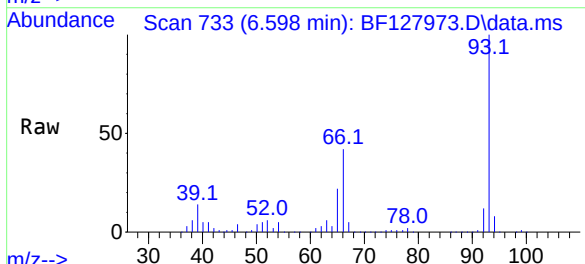
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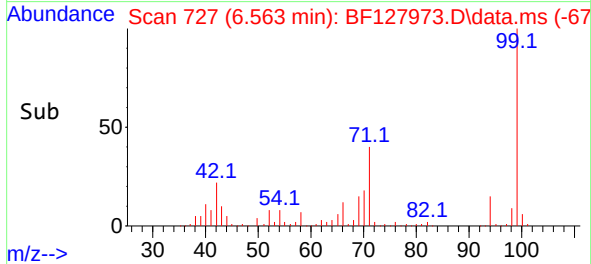
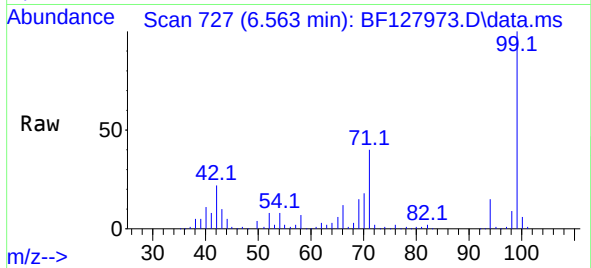
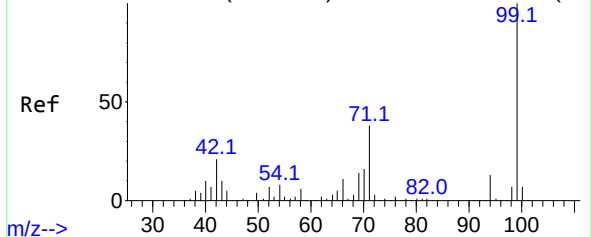


#6
Aniline
Concen: 35.958 ng
RT: 6.598 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion: 93 Resp: 444406
Ion Ratio Lower Upper
93 100
66 42.1 32.2 48.4
65 22.0 16.7 25.1



Abundance Scan 728 (6.569 min): BF127861.D\data.ms (-72



#7

Phenol-d6

Concen: 113.162 ng

RT: 6.563 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB144382BS

Tgt Ion: 99 Resp: 117713

Ion Ratio Lower Upper

99 100

42 22.1 16.6 24.8

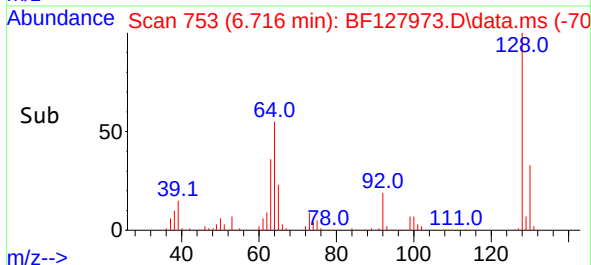
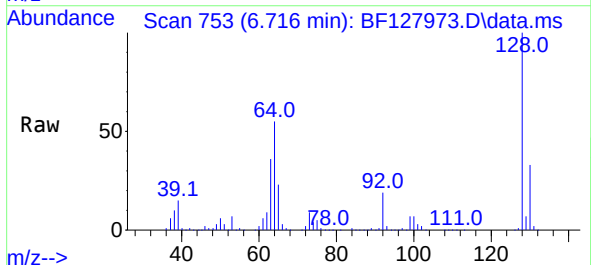
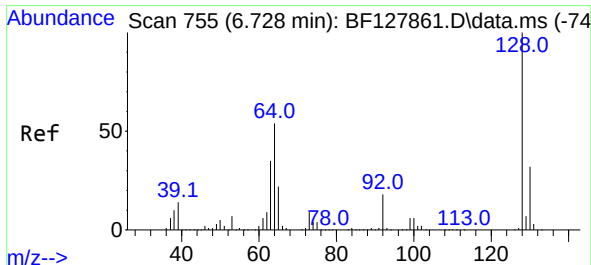
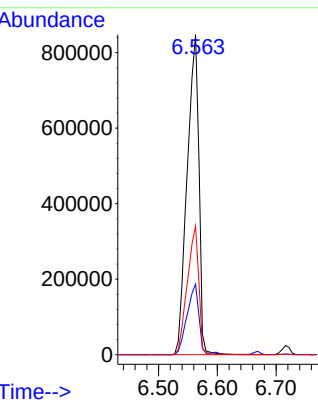
71 40.2 30.0 45.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.409 ng

RT: 6.716 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

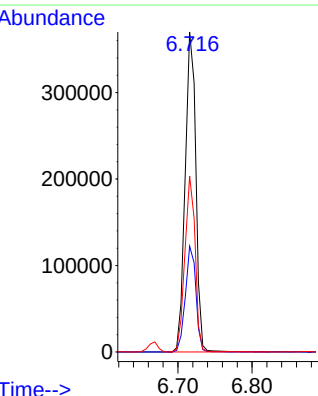
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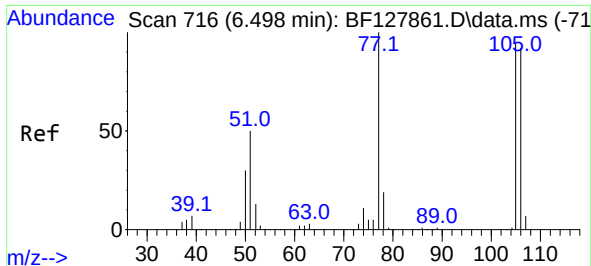
Ion Ratio Lower Upper

128 100

130 33.0 11.6 51.6

64 55.0 33.8 73.8





#9
Benzaldehyde
Concen: 32.234 ng
RT: 6.486 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

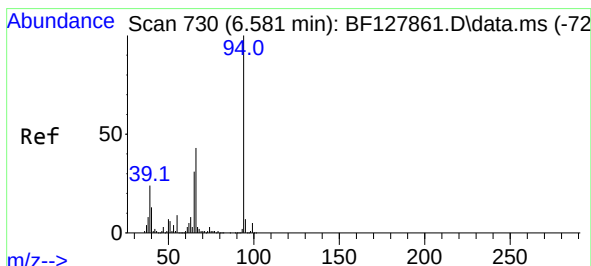
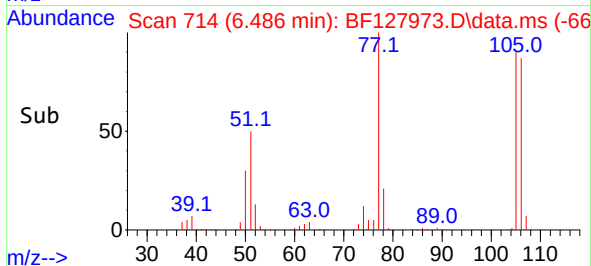
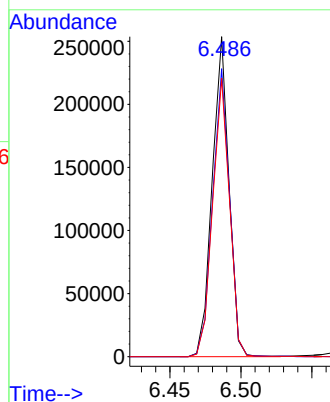
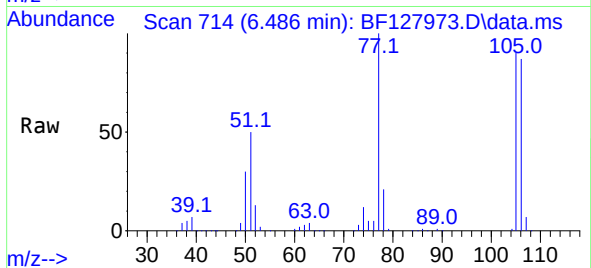
PB144382BS

Tgt Ion: 77 Resp: 207434
Ion Ratio Lower Upper
77 100
105 90.0 74.9 114.9
106 87.0 72.2 112.2

Manual Integrations

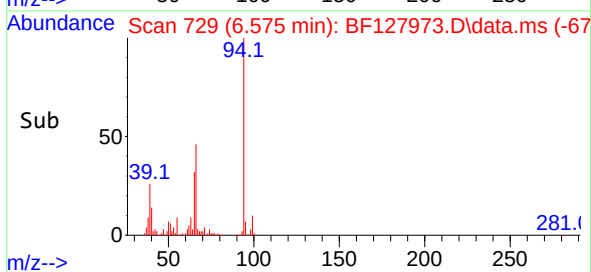
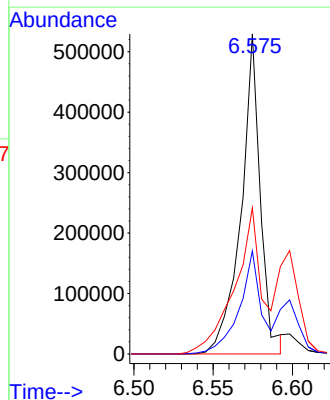
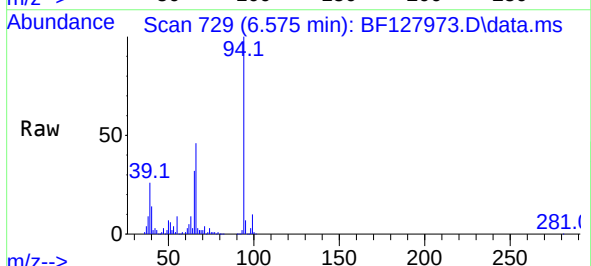
APPROVED

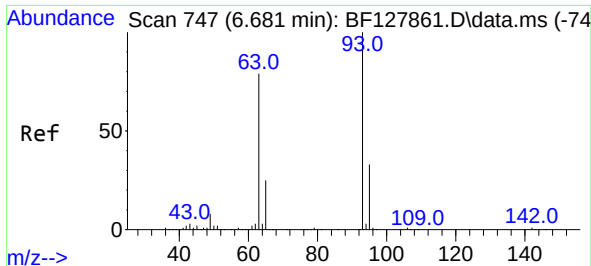
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#10
Phenol
Concen: 42.870 ng m
RT: 6.575 min Scan# 729
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion: 94 Resp: 449776
Ion Ratio Lower Upper
94 100
65 32.2 10.6 50.6
66 45.6 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 43.284 ng

RT: 6.669 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB144382BS

Tgt Ion: 93 Resp: 376700

Ion Ratio Lower Upper

93 100

63 80.2 58.6 98.6

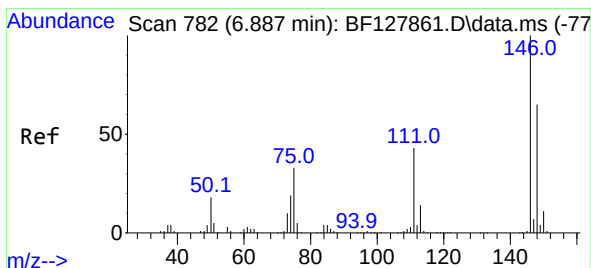
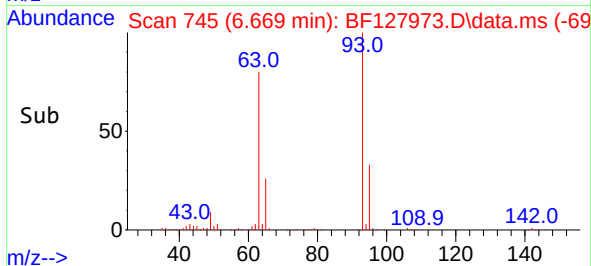
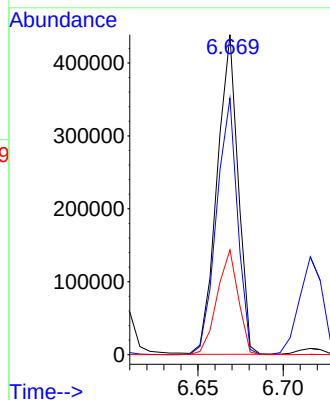
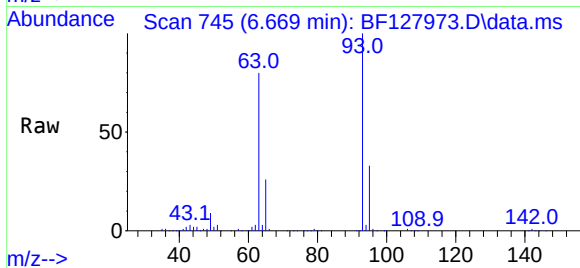
95 32.7 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/29/2022

Supervised By :Jagrut Upadhyay 04/29/2022



#12

1,3-Dichlorobenzene

Concen: 40.715 ng

RT: 6.875 min Scan# 780

Delta R.T. -0.000 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

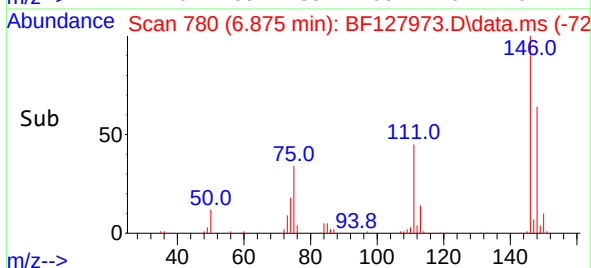
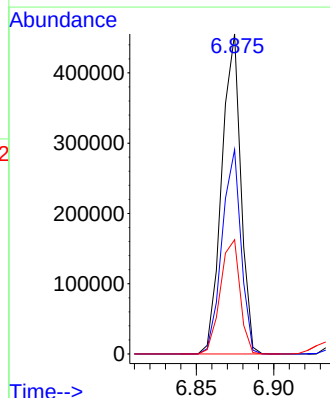
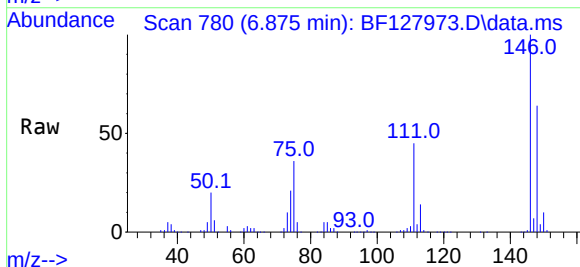
Tgt Ion:146 Resp: 389955

Ion Ratio Lower Upper

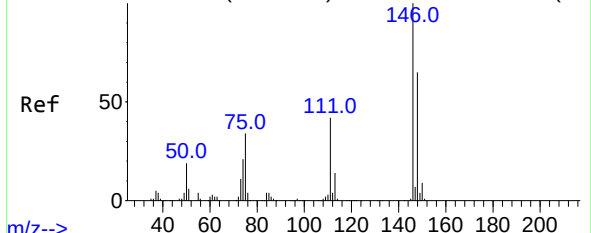
146 100

148 63.8 52.1 78.1

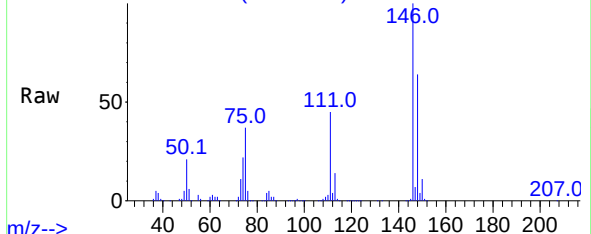
75 35.7 26.2 39.4



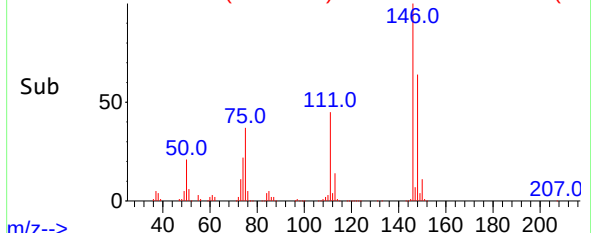
Abundance Scan 795 (6.963 min): BF127861.D\data.ms (-78



m/z--> Scan 793 (6.951 min): BF127973.D\data.ms

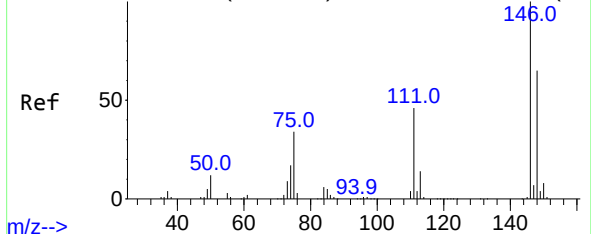


Abundance Scan 793 (6.951 min): BF127973.D\data.ms (-74

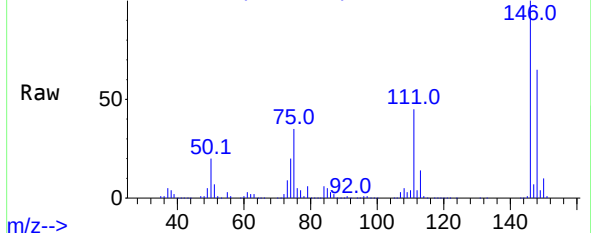


m/z-->

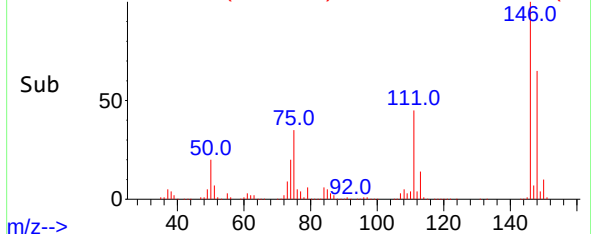
Abundance Scan 821 (7.116 min): BF127861.D\data.ms (-81



m/z--> Scan 819 (7.104 min): BF127973.D\data.ms



Abundance Scan 819 (7.104 min): BF127973.D\data.ms (-76



m/z-->

#13

1,4-Dichlorobenzene

Concen: 41.355 ng

RT: 6.951 min Scan# 793

Delta R.T. -0.000 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

Tgt Ion:146 Resp: 395354

Ion Ratio Lower Upper

146 100

148 64.3 52.3 78.5

111 44.8 33.9 50.9

Instrument :

BNA_F

ClientSampleId :

PB144382BS

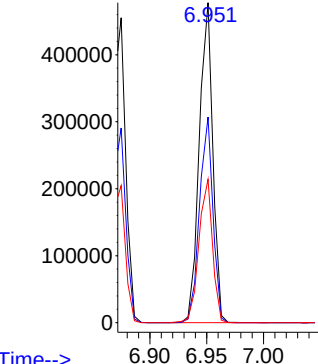
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/29/2022

Supervised By :Jagrut Upadhyay 04/29/2022

Abundance



Time-->

#14

1,2-Dichlorobenzene

Concen: 42.806 ng

RT: 7.104 min Scan# 819

Delta R.T. -0.000 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

Tgt Ion:146 Resp: 378841

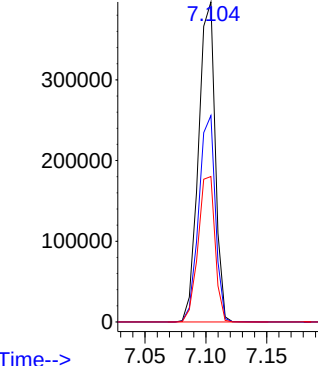
Ion Ratio Lower Upper

146 100

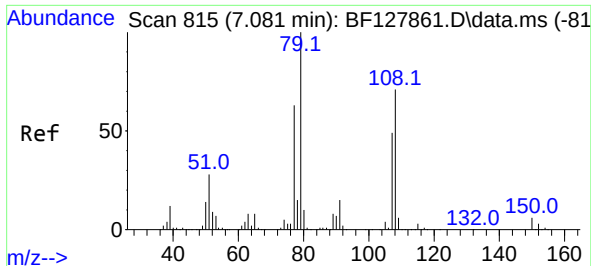
148 64.5 51.8 77.6

111 45.4 36.6 55.0

Abundance



Time-->



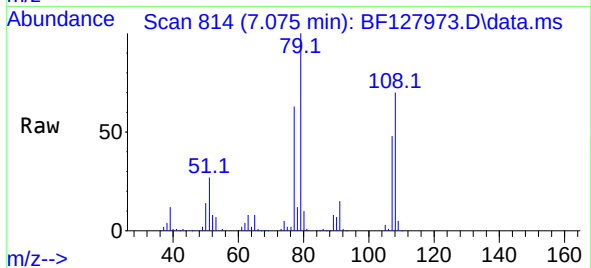
#15
Benzyl Alcohol
Concen: 43.037 ng
RT: 7.075 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB144382BS

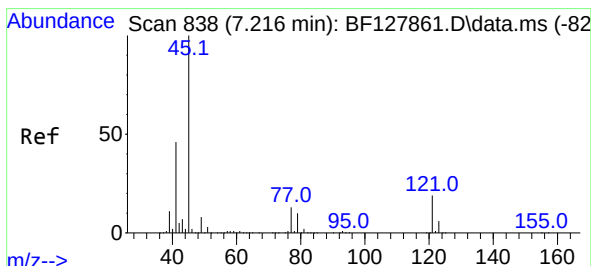
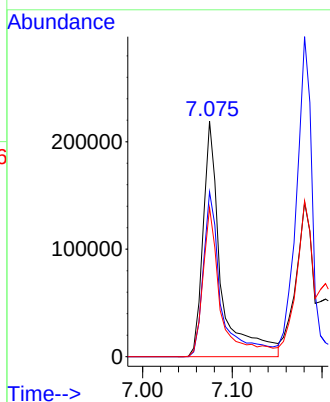
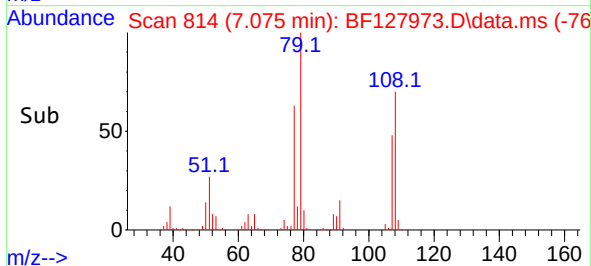


Tgt Ion: 79 Resp: 304440
Ion Ratio Lower Upper
79 100
108 70.0 57.0 85.6
77 63.3 50.2 75.4

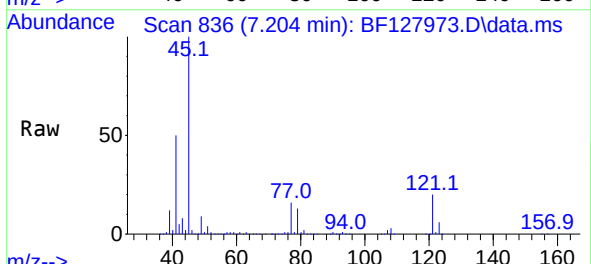
Manual Integrations

APPROVED

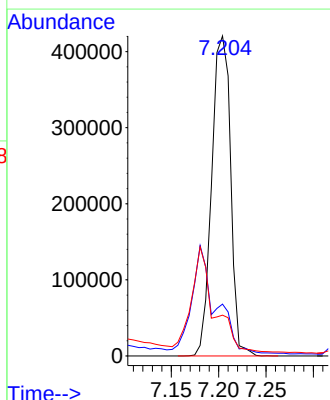
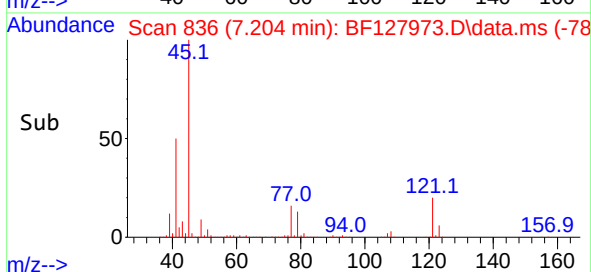
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

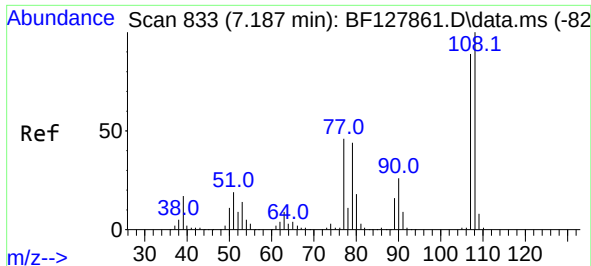


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.709 ng
RT: 7.204 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23



Tgt Ion: 45 Resp: 581389
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.9
79 12.8 0.0 31.6





#17
2-Methylphenol
Concen: 46.640 ng
RT: 7.181 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

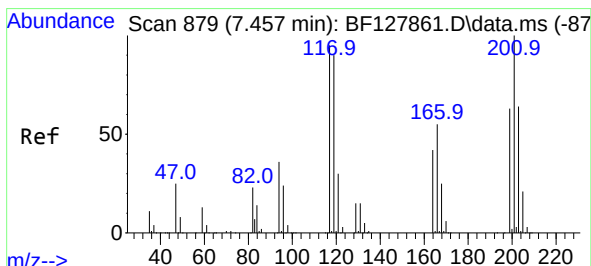
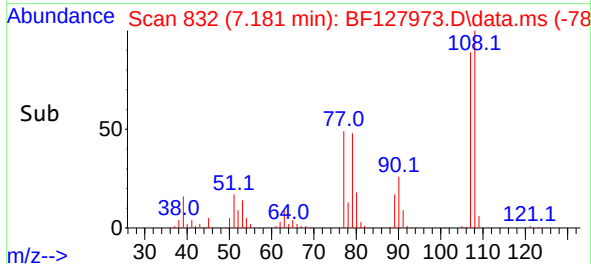
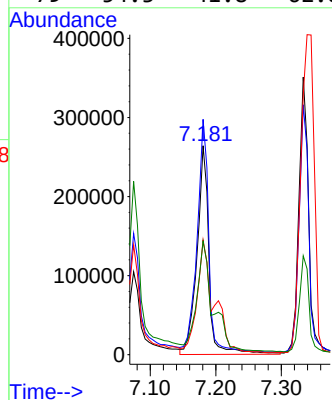
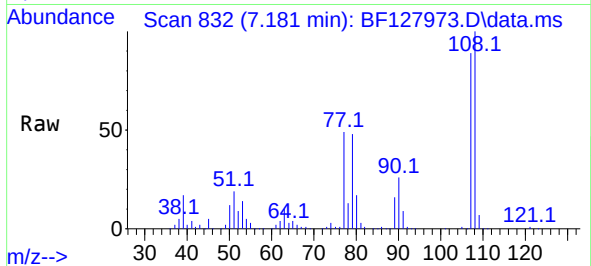
PB144382BS

Tgt Ion:107 Resp: 33483
Ion Ratio Lower Upper
107 100
108 112.7 90.2 135.2
77 54.9 41.9 62.9
79 54.3 41.8 62.8

Manual Integrations

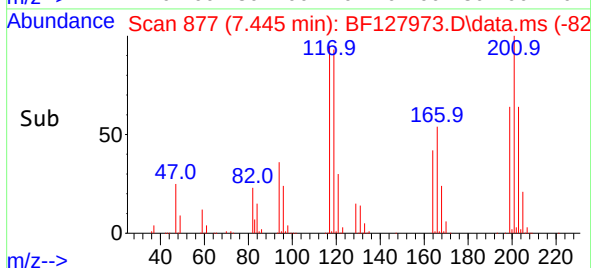
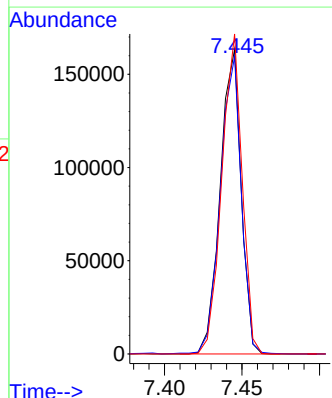
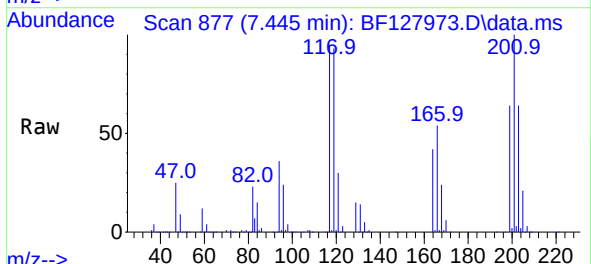
APPROVED

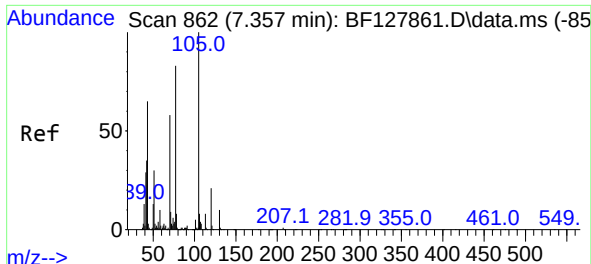
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#18
Hexachloroethane
Concen: 43.583 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion:117 Resp: 153176
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.4
201 105.1 84.4 126.6





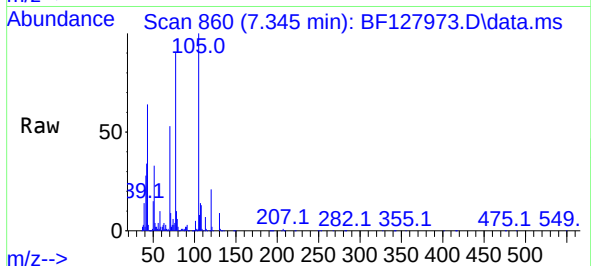
#19
n-Nitroso-di-n-propylamine
Concen: 43.852 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB144382BS

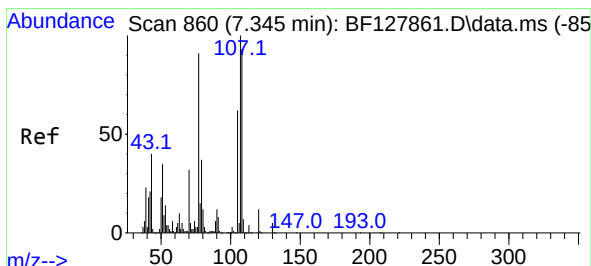
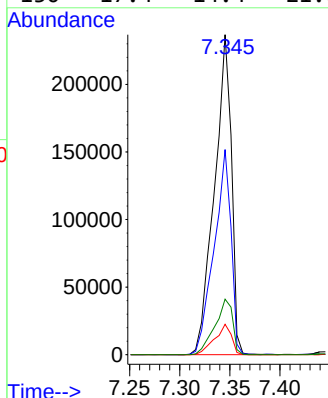
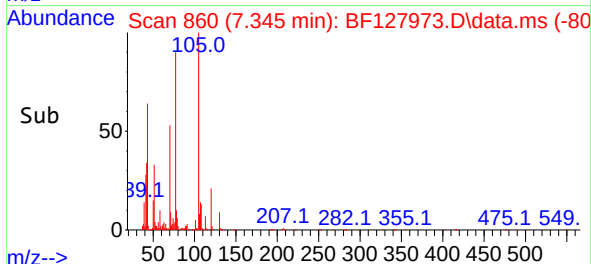


Tgt Ion: 70 Resp: 27923
Ion Ratio Lower Upper
70 100
42 64.1 48.7 73.1
101 9.5 7.2 10.8
130 17.4 14.4 21.6

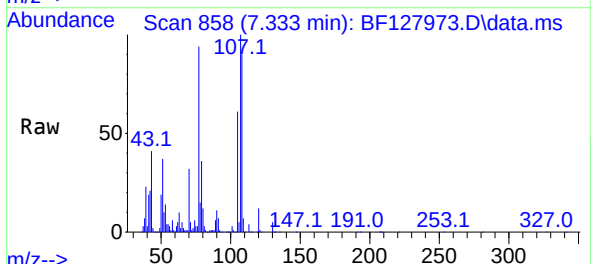
Manual Integrations

APPROVED

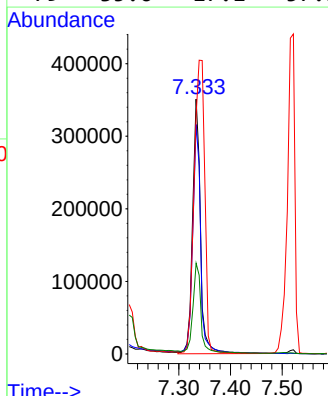
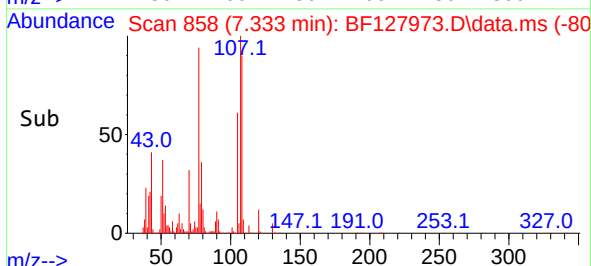
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

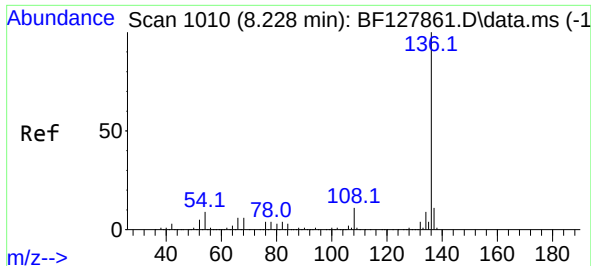


#20
3+4-Methylphenols
Concen: 42.911 ng
RT: 7.333 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23



Tgt Ion:107 Resp: 372139
Ion Ratio Lower Upper
107 100
108 90.0 73.4 113.4
77 93.5 71.1 111.1
79 35.6 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

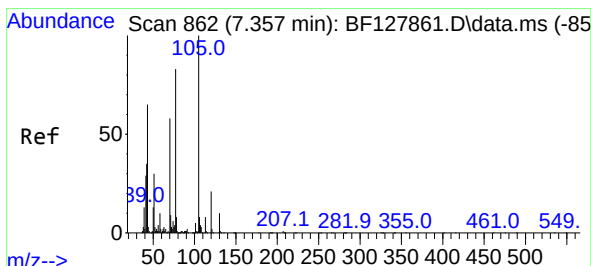
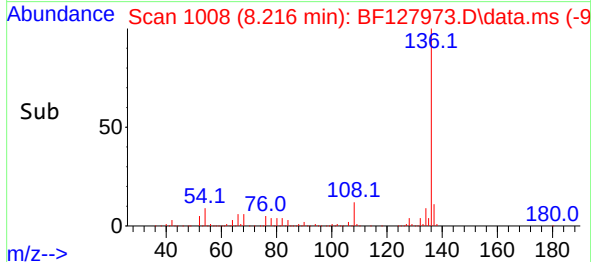
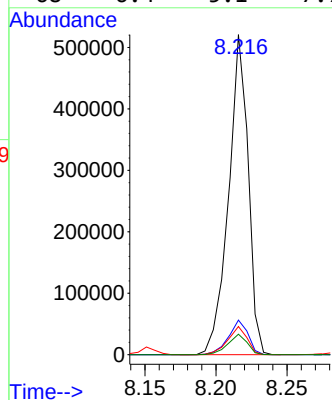
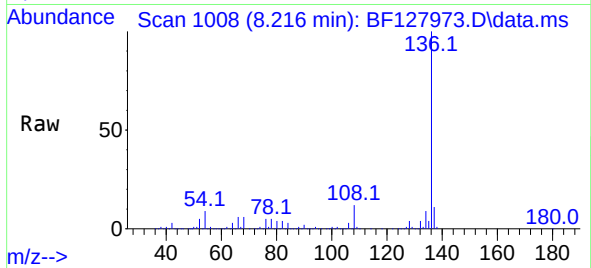
PB144382BS

Tgt Ion:136 Resp: 499749
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 6.8 10.2
68 6.4 5.1 7.7

Manual Integrations

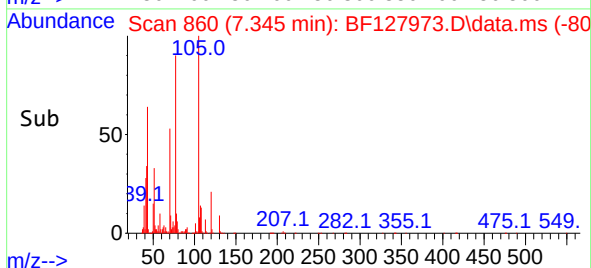
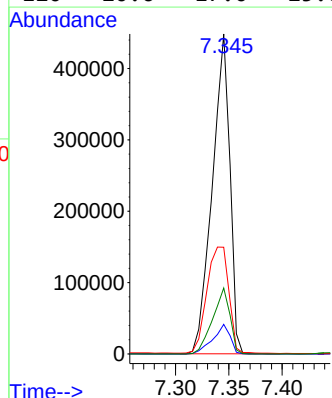
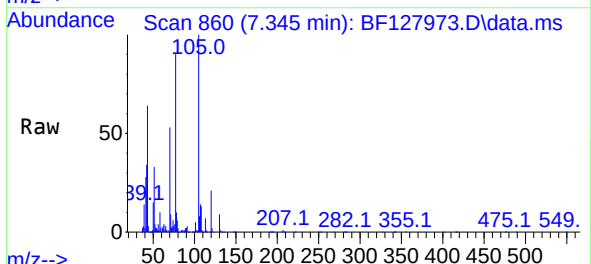
APPROVED

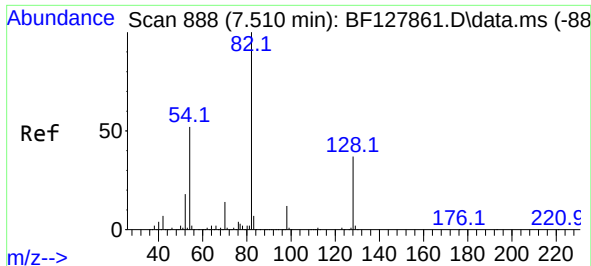
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#22
Acetophenone
Concen: 42.099 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion:105 Resp: 512787
Ion Ratio Lower Upper
105 100
71 9.3 7.3 10.9
51 33.4 23.7 35.5
120 20.6 17.0 25.6





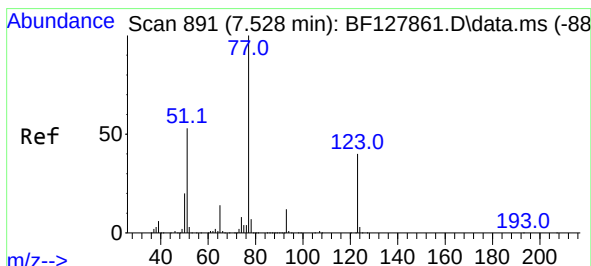
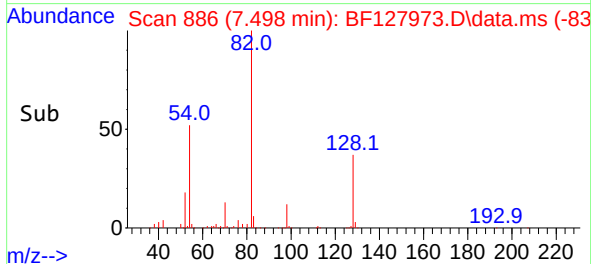
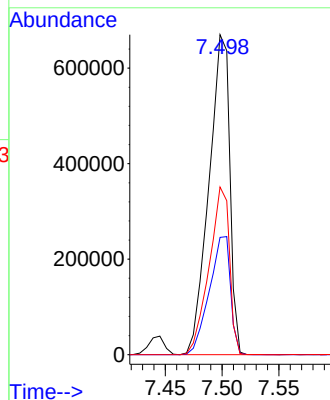
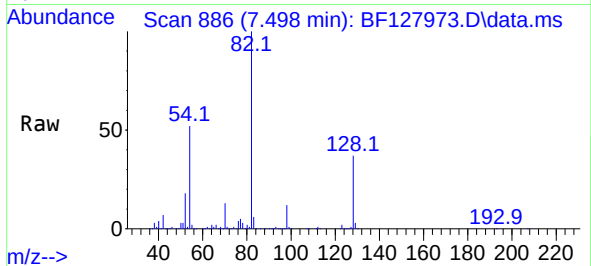
#23
Nitrobenzene-d5
Concen: 80.398 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :
BNA_F
ClientSampleId :
PB144382BS

Tgt Ion: 82 Resp: 85443
Ion Ratio Lower Upper
82 100
128 36.7 30.0 45.0
54 52.4 41.3 61.9

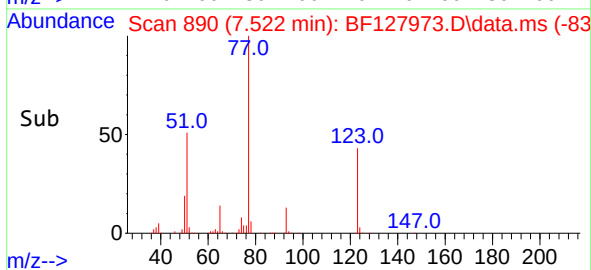
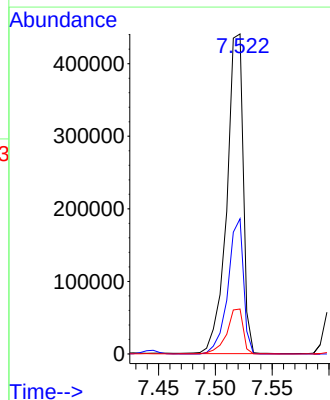
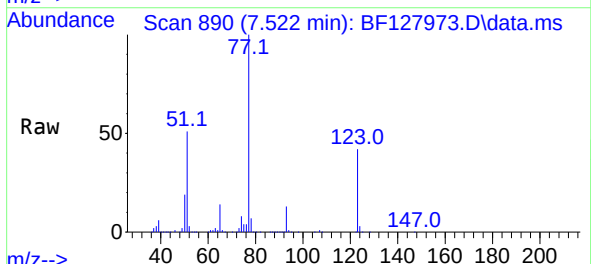
Manual Integrations
APPROVED

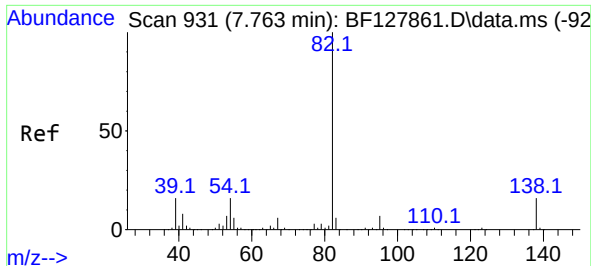
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#24
Nitrobenzene
Concen: 43.331 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion: 77 Resp: 443741
Ion Ratio Lower Upper
77 100
123 42.2 32.0 48.0
65 14.0 11.0 16.6





#25
Isophorone
Concen: 43.087 ng
RT: 7.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

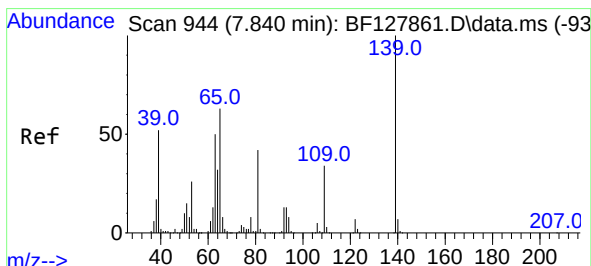
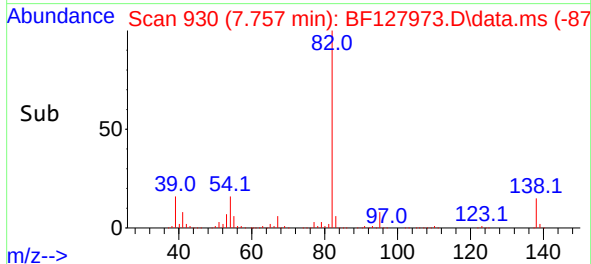
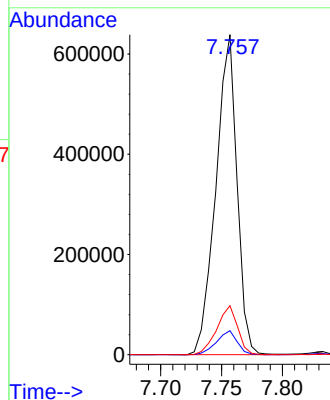
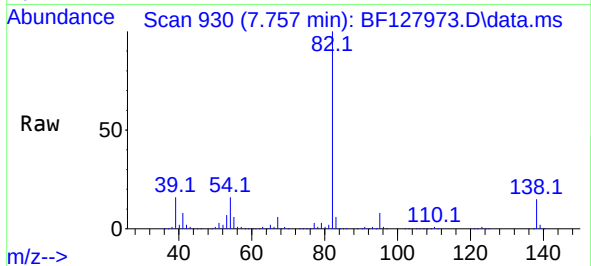
ClientSampleId :

PB144382BS

Tgt Ion: 82 Resp: 770684
Ion Ratio Lower Upper
82 100
95 7.5 5.6 8.4
138 15.3 12.5 18.7

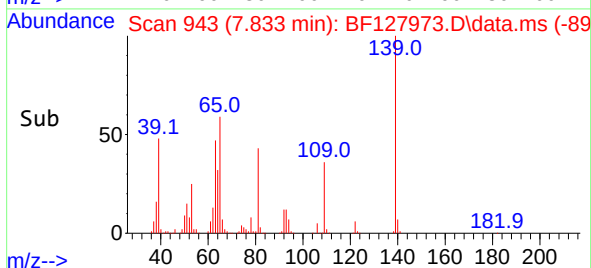
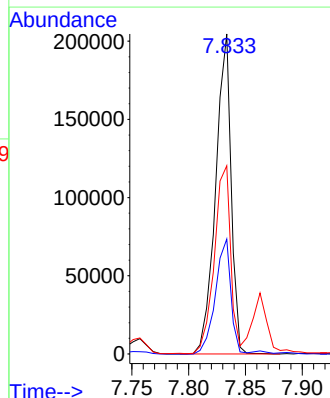
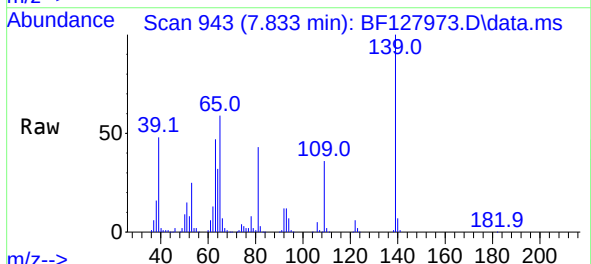
Manual Integrations
APPROVED

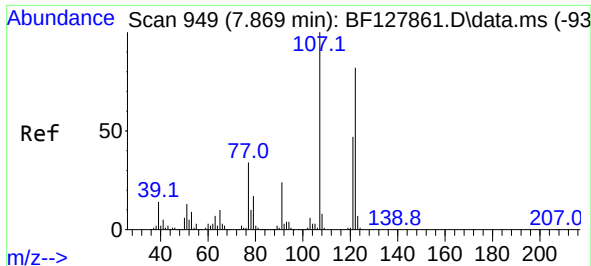
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#26
2-Nitrophenol
Concen: 44.554 ng
RT: 7.833 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

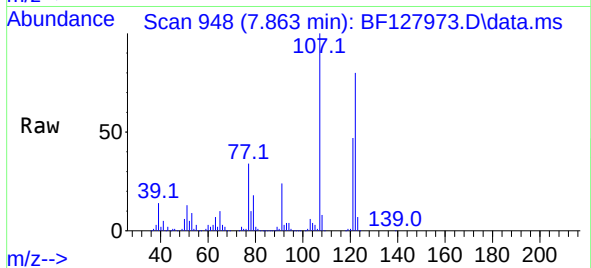
Tgt Ion:139 Resp: 194425
Ion Ratio Lower Upper
139 100
109 35.9 27.4 41.2
65 58.8 50.8 76.2





#27
2,4-Dimethylphenol
Concen: 46.561 ng
RT: 7.863 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

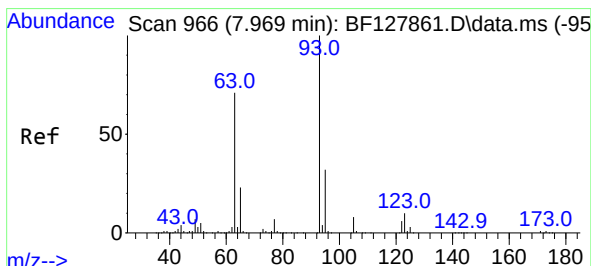
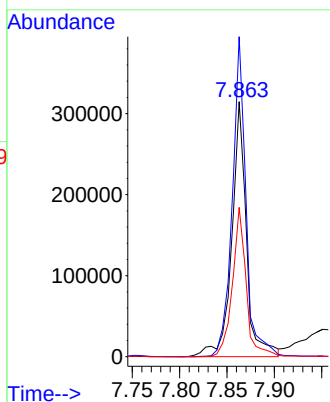
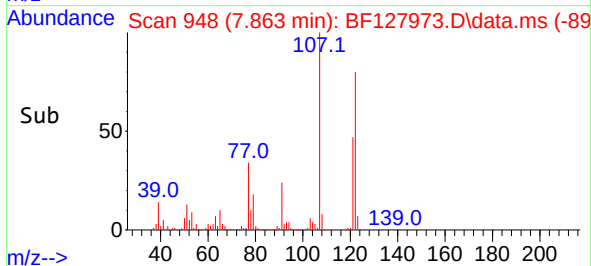
Instrument :
BNA_F
ClientSampleId :
PB144382BS



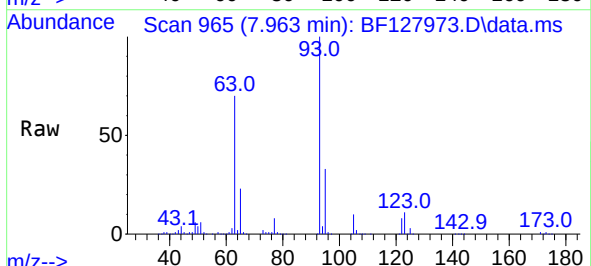
Tgt Ion:122 Resp: 337485
Ion Ratio Lower Upper
122 100
107 125.5 97.5 146.3
121 58.5 46.0 69.0

Manual Integrations
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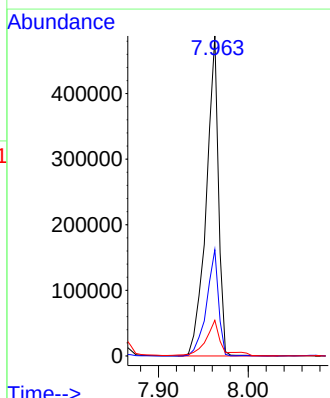
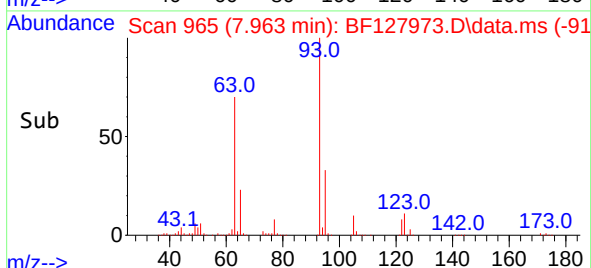
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

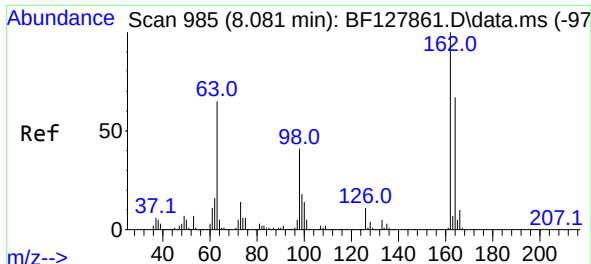


#28
bis(2-Chloroethoxy)methane
Concen: 40.092 ng
RT: 7.963 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23



Tgt Ion: 93 Resp: 459582
Ion Ratio Lower Upper
93 100
95 33.2 25.7 38.5
123 11.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 40.312 ng

RT: 8.075 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

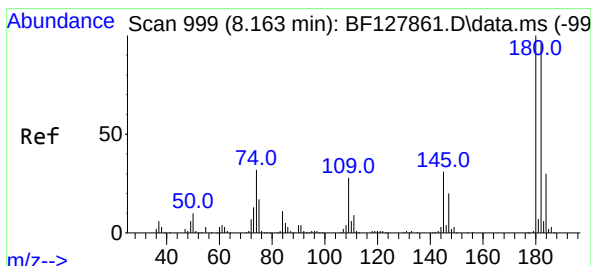
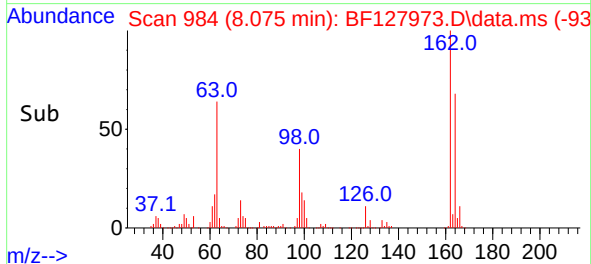
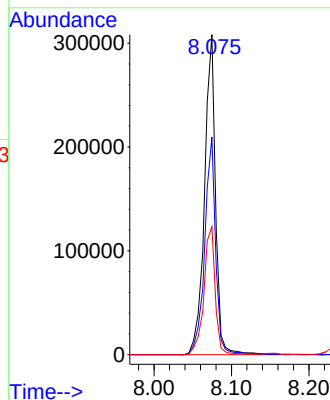
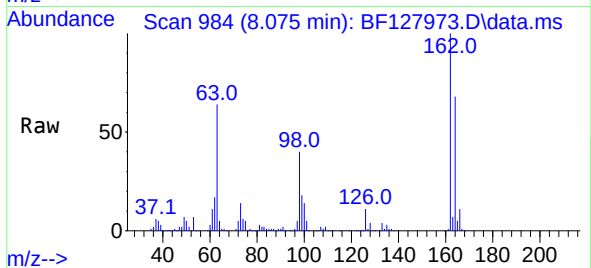
PB144382BS

Tgt Ion:162 Resp: 306111
 Ion Ratio Lower Upper
 162 100
 164 68.0 47.1 87.1
 98 40.0 20.7 60.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/29/2022
 Supervised By :Jagrut Upadhyay 04/29/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.678 ng

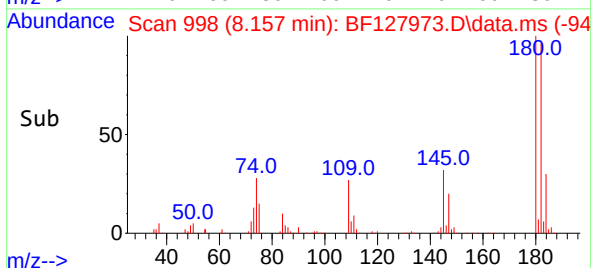
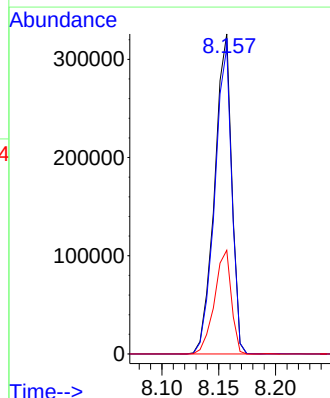
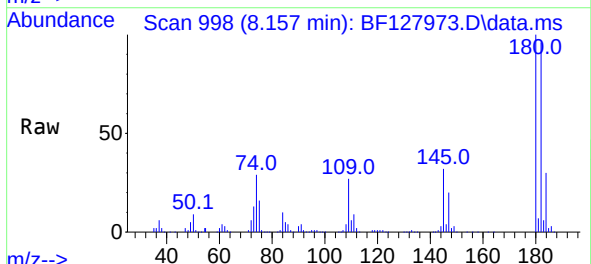
RT: 8.157 min Scan# 998

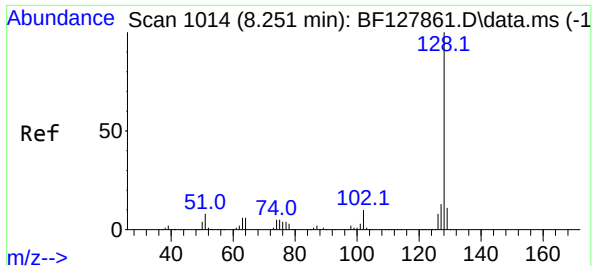
Delta R.T. -0.000 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

Tgt Ion:180 Resp: 342245
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.4 114.6
 145 32.4 25.1 37.7





#31
Naphthalene
Concen: 40.827 ng
RT: 8.239 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

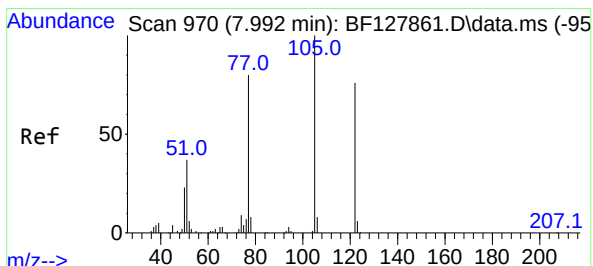
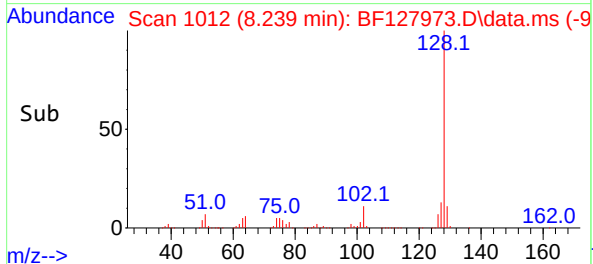
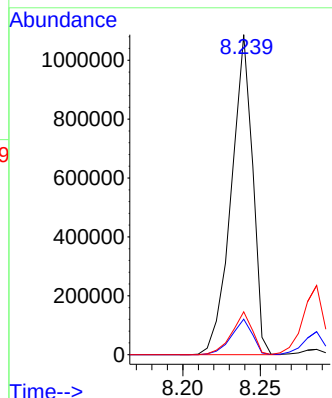
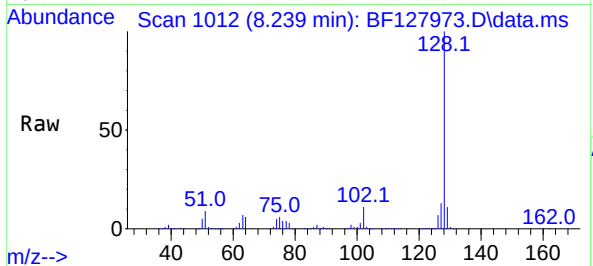
PB144382BS

Tgt Ion:128 Resp: 103917
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.4 10.6 16.0

Manual Integrations

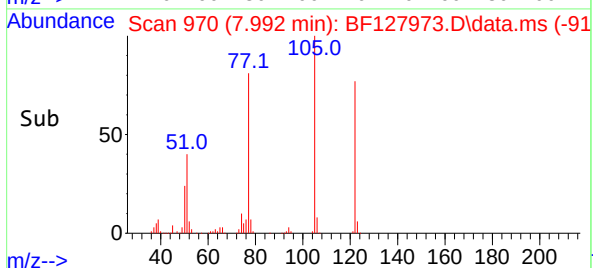
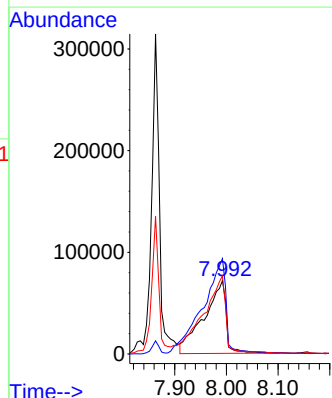
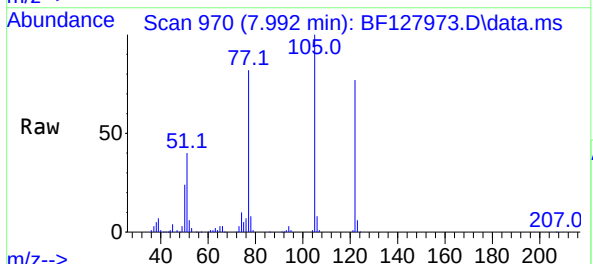
APPROVED

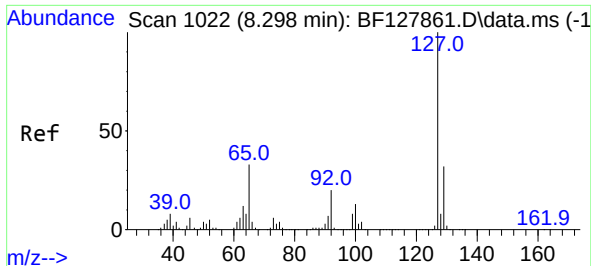
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#32
Benzoic acid
Concen: 40.785 ng
RT: 7.992 min Scan# 970
Delta R.T. 0.006 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion:122 Resp: 211890
Ion Ratio Lower Upper
122 100
105 130.3 107.9 147.9
77 106.7 82.5 122.5





#33
4-Chloroaniline
Concen: 23.194 ng
RT: 8.286 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

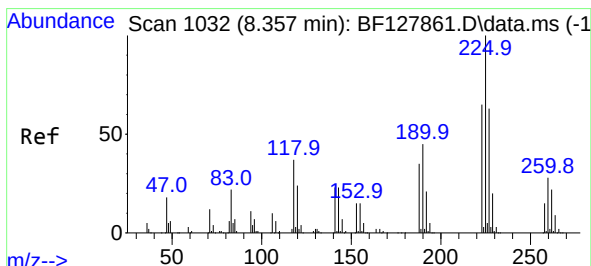
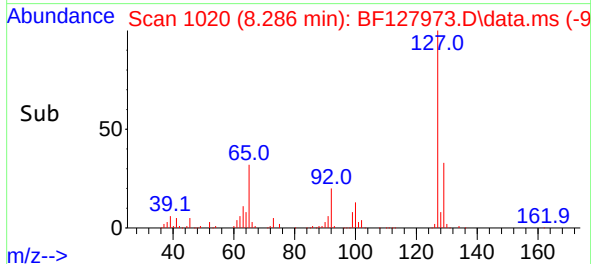
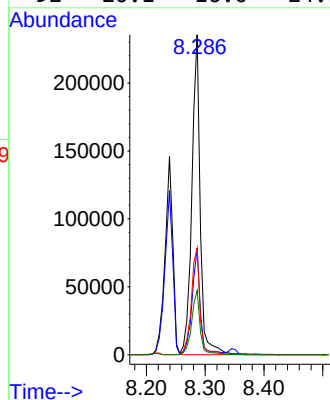
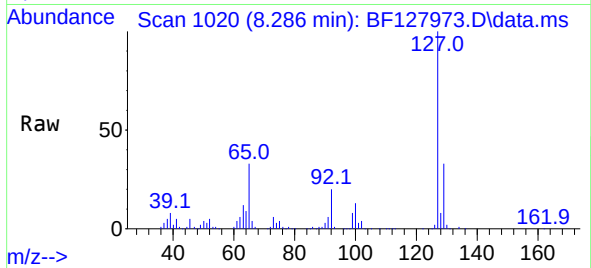
PB144382BS

Tgt Ion:127 Resp: 23358
Ion Ratio Lower Upper
127 100
129 33.3 25.8 38.8
65 33.4 26.7 40.1
92 20.1 16.0 24.0

Manual Integrations

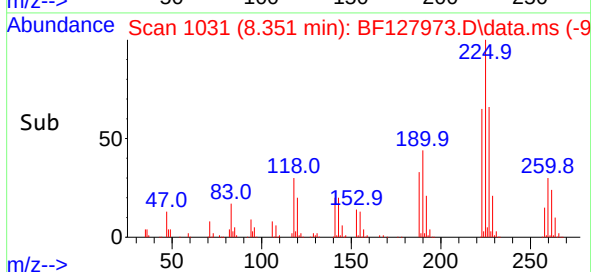
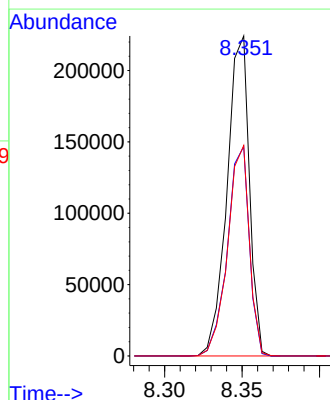
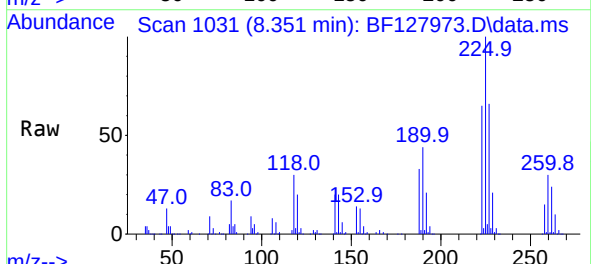
APPROVED

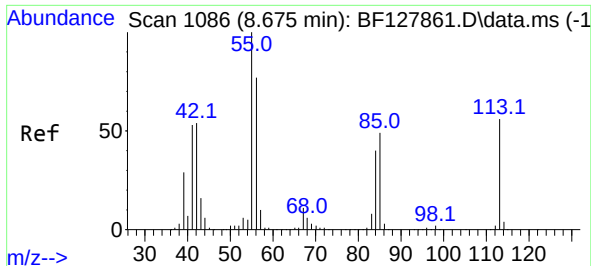
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#34
Hexachlorobutadiene
Concen: 41.397 ng
RT: 8.351 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

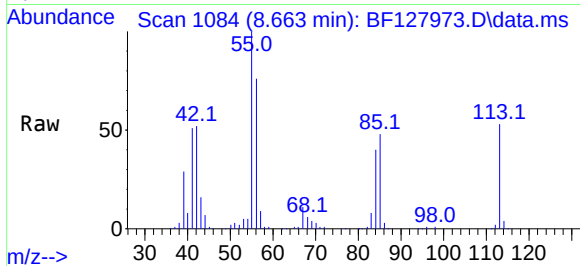
Tgt Ion:225 Resp: 224914
Ion Ratio Lower Upper
225 100
223 65.4 52.0 78.0
227 65.8 50.7 76.1





#35
Caprolactam
Concen: 40.697 ng m
RT: 8.663 min Scan# 1084
Delta R.T. -0.006 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

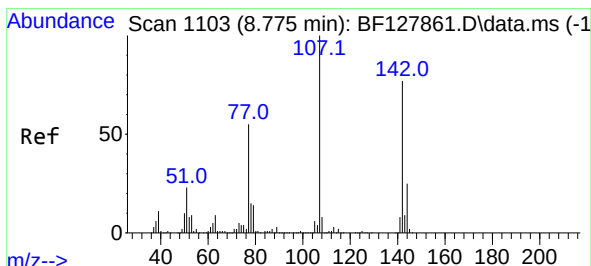
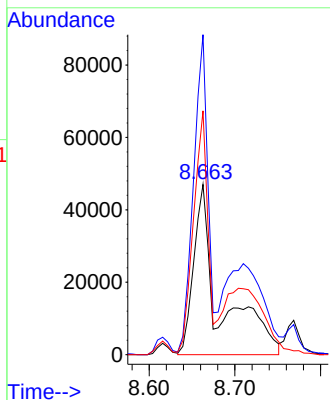
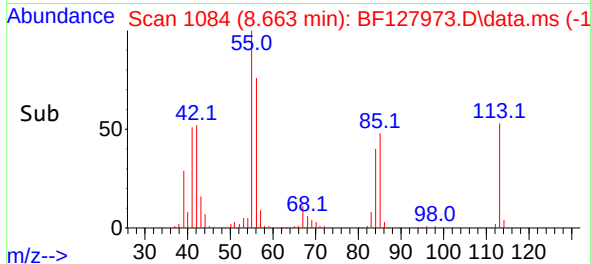
Instrument :
BNA_F
ClientSampleId :
PB144382BS



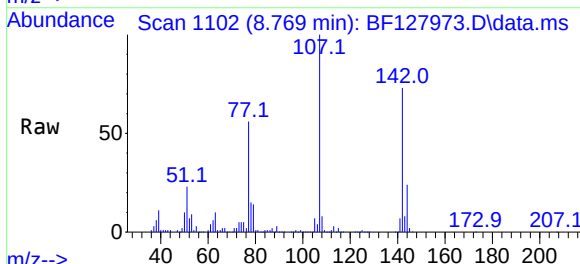
Tgt Ion:113 Resp: 99754
Ion Ratio Lower Upper
113 100
55 187.9 157.4 197.4
56 143.1 116.1 156.1

Manual Integrations
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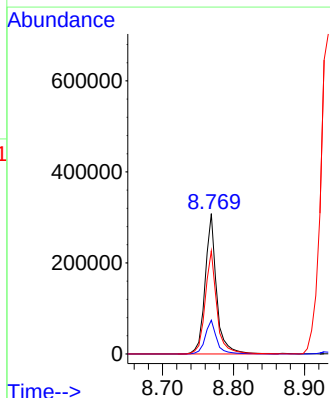
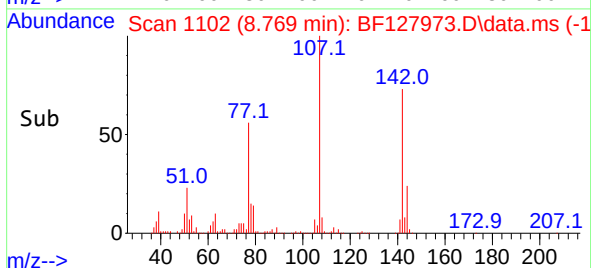
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

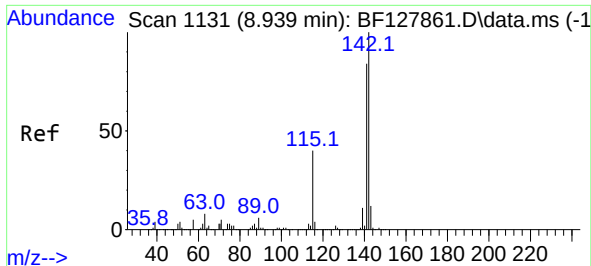


#36
4-Chloro-3-methylphenol
Concen: 42.430 ng
RT: 8.769 min Scan# 1102
Delta R.T. 0.006 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23



Tgt Ion:107 Resp: 344101
Ion Ratio Lower Upper
107 100
144 24.0 20.2 30.4
142 73.5 61.5 92.3





#37

2-Methylnaphthalene

Concen: 42.213 ng

RT: 8.933 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB144382BS

Tgt Ion:142 Resp: 71008

Ion Ratio Lower Upper

142 100

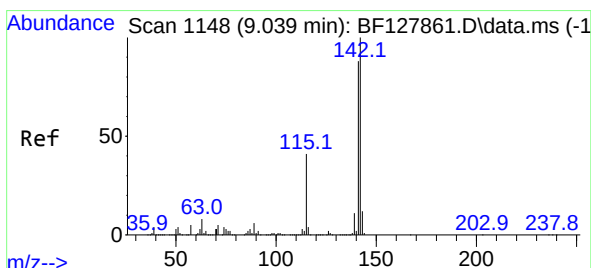
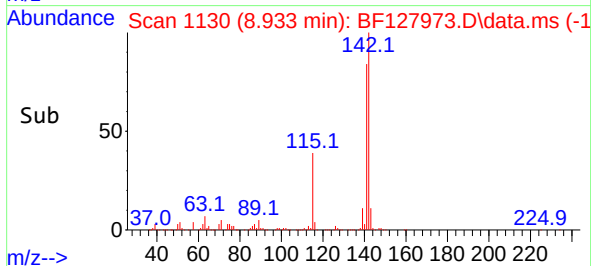
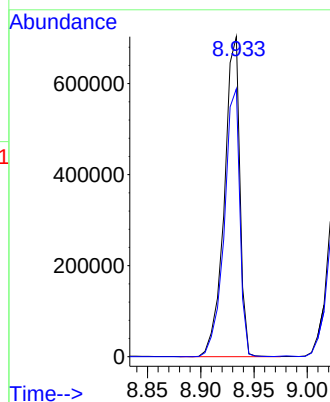
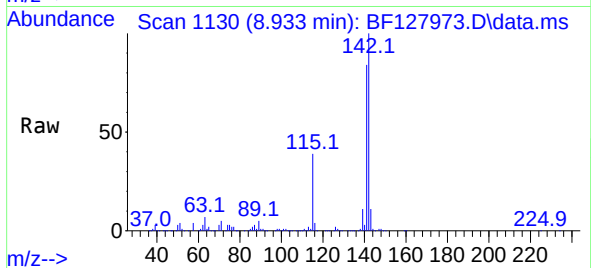
141 83.7 67.4 101.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/29/2022

Supervised By :Jagrut Upadhyay 04/29/2022



#38

1-Methylnaphthalene

Concen: 39.992 ng

RT: 9.033 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF127973.D

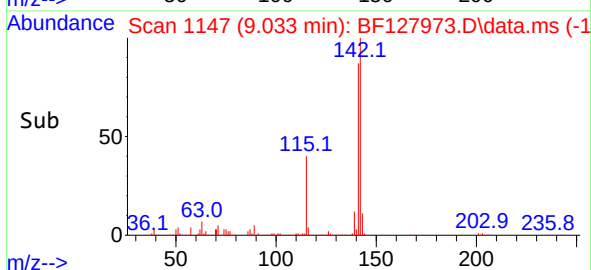
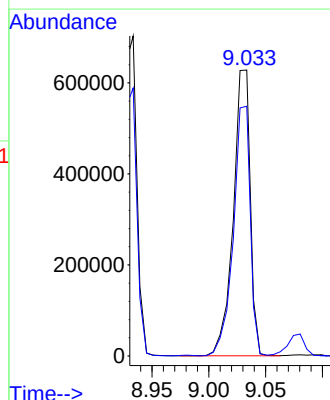
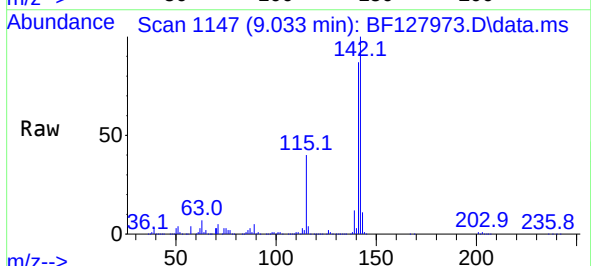
Acq: 28 Apr 2022 11:23

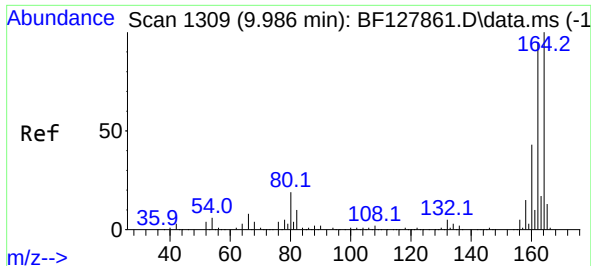
Tgt Ion:142 Resp: 653892

Ion Ratio Lower Upper

142 100

141 87.4 70.1 105.1





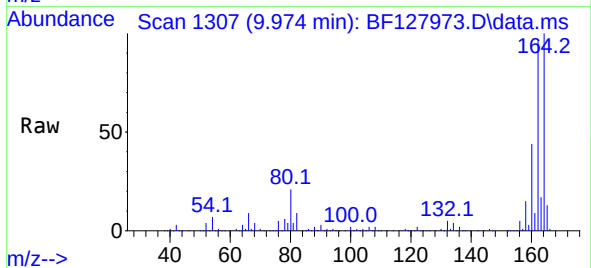
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.974 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB144382BS

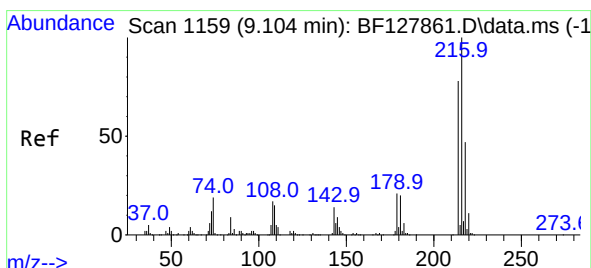
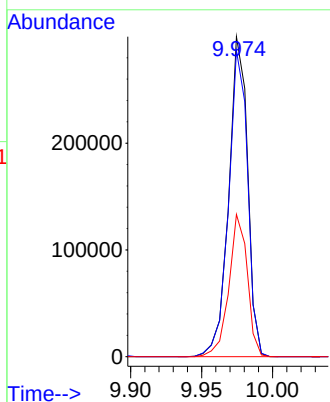
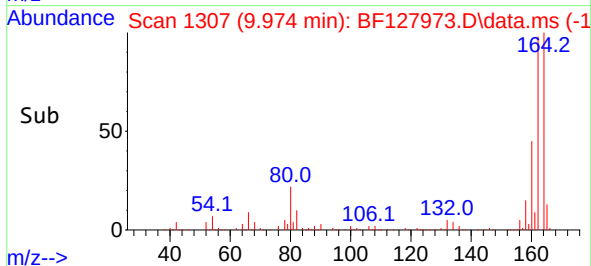


Tgt Ion:164 Resp: 27782
Ion Ratio Lower Upper
164 100
162 95.7 76.0 114.0
160 44.4 34.8 52.2

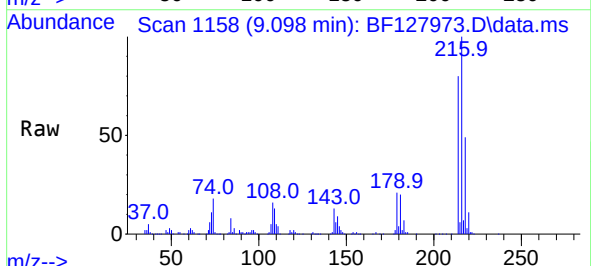
Manual Integrations

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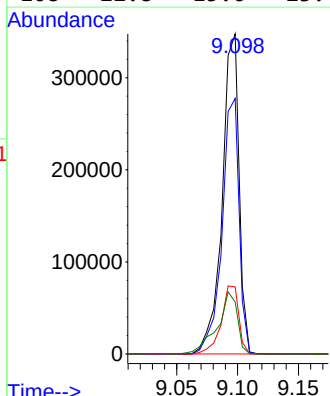
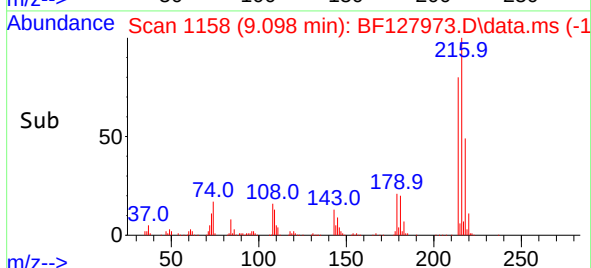
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

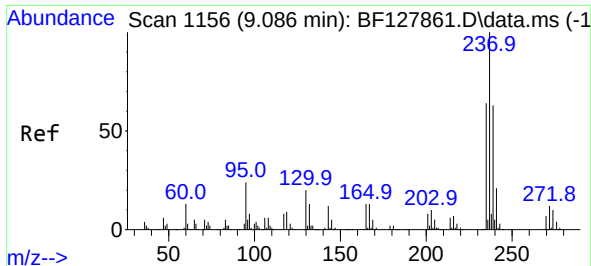


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.123 ng
RT: 9.098 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23



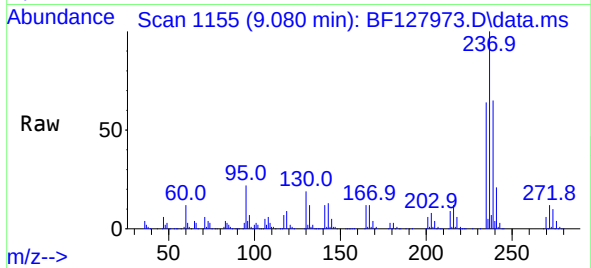
Tgt Ion:216 Resp: 336750
Ion Ratio Lower Upper
216 100
214 80.7 62.6 94.0
179 22.0 16.9 25.3
108 22.8 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 92.691 ng
RT: 9.080 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

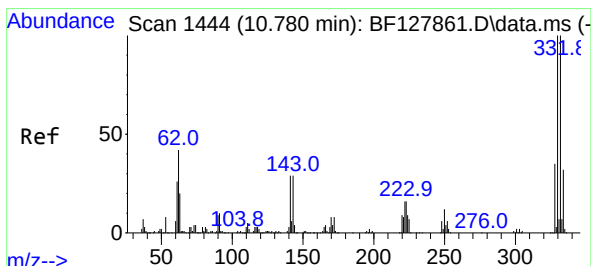
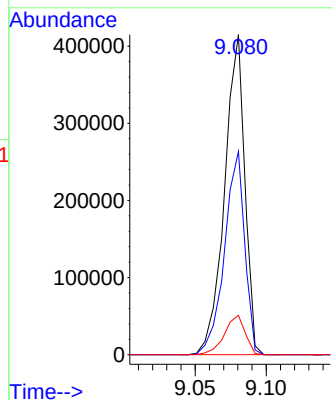
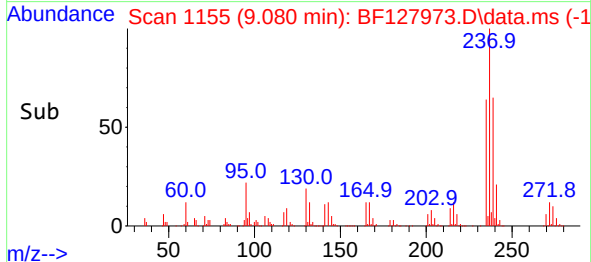
Instrument :
BNA_F
ClientSampleId :
PB144382BS



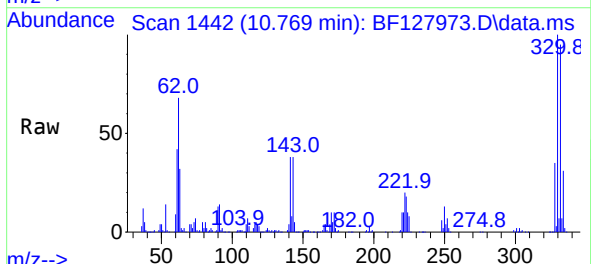
Tgt Ion:237 Resp: 411239
Ion Ratio Lower Upper
237 100
235 63.5 43.6 83.6
272 12.3 0.0 32.1

Manual Integrations
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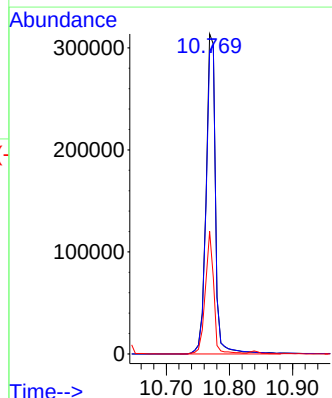
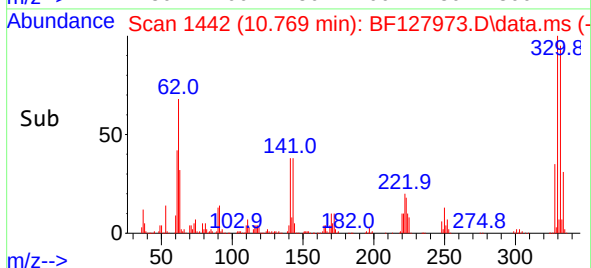
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

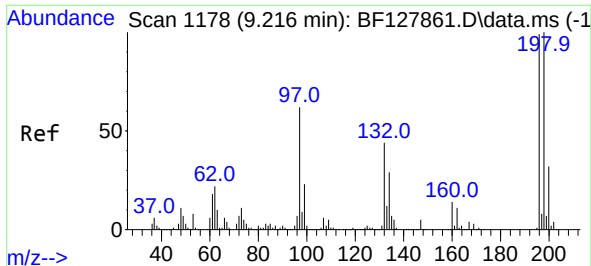


#42
2,4,6-Tribromophenol
Concen: 116.633 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23



Tgt Ion:330 Resp: 326195
Ion Ratio Lower Upper
330 100
332 98.0 79.0 118.4
141 34.3 28.9 43.3





#43
2,4,6-Trichlorophenol
Concen: 39.841 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

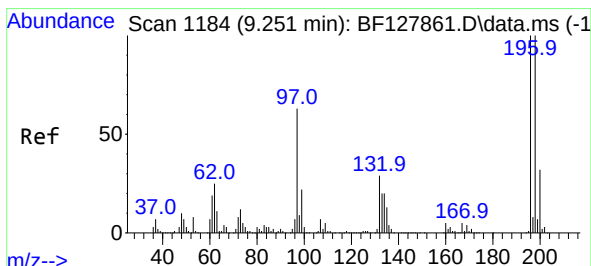
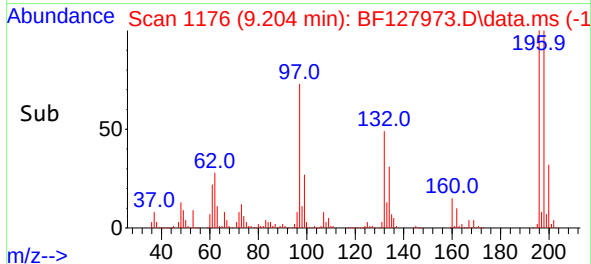
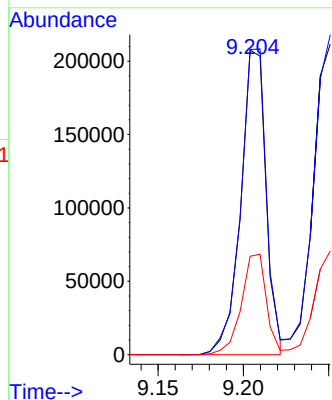
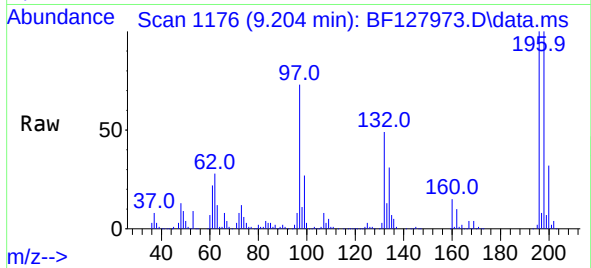
PB144382BS

Tgt Ion:196 Resp: 214672
Ion Ratio Lower Upper
196 100
198 100.1 80.4 120.6
200 32.3 25.9 38.9

Manual Integrations

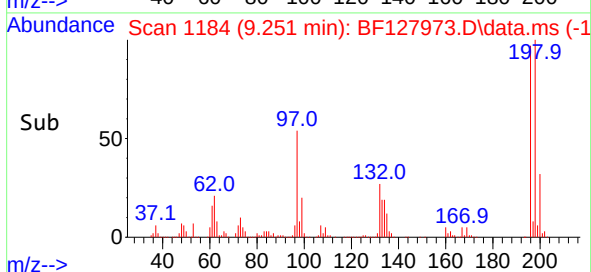
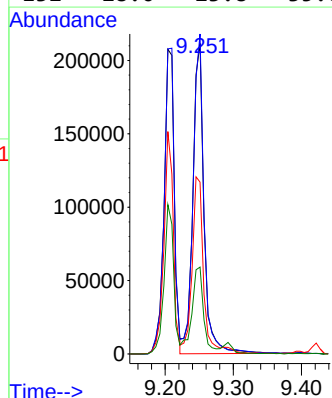
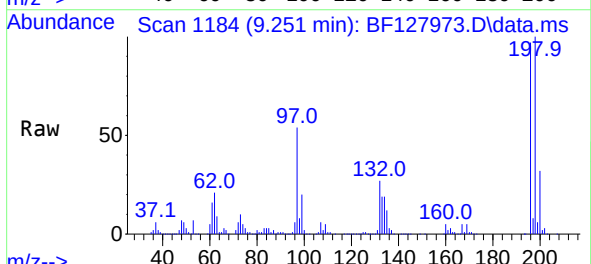
APPROVED

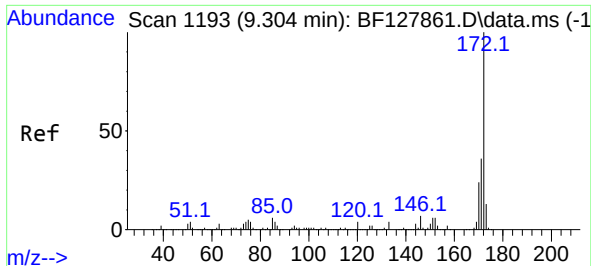
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#44
2,4,5-Trichlorophenol
Concen: 40.889 ng
RT: 9.251 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

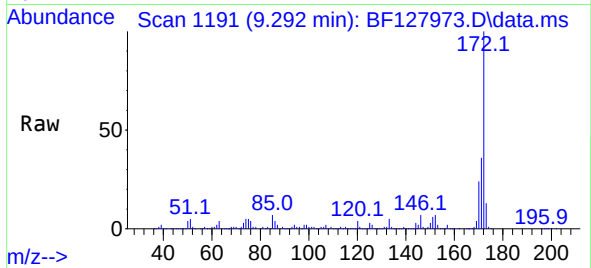
Tgt Ion:196 Resp: 239503
Ion Ratio Lower Upper
196 100
198 103.1 80.2 120.2
97 55.3 50.3 75.5
132 28.0 23.8 35.6





#45
2-Fluorobiphenyl
Concen: 80.472 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

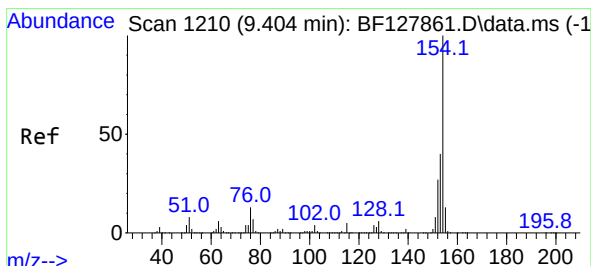
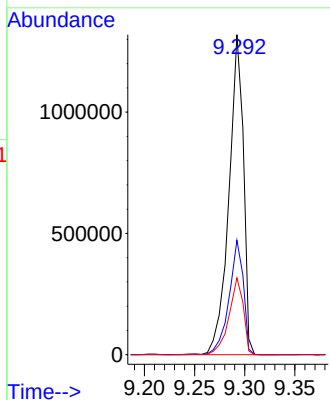
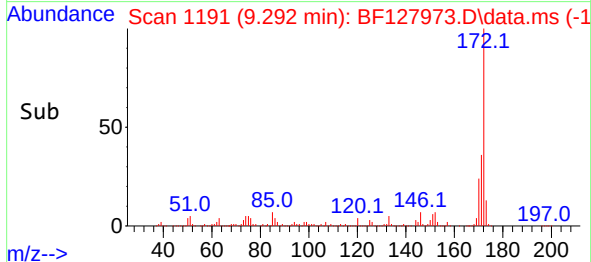
Instrument :
BNA_F
ClientSampleId :
PB144382BS



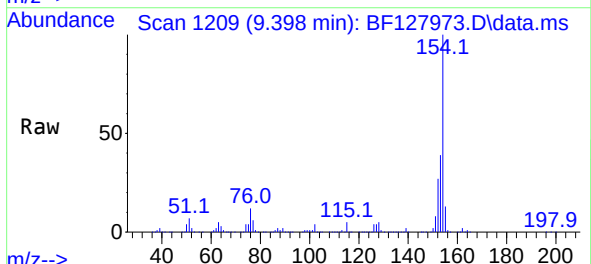
Tgt Ion:172 Resp: 1321529
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.0 19.1 28.7

Manual Integrations
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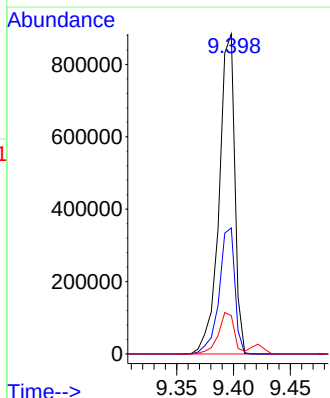
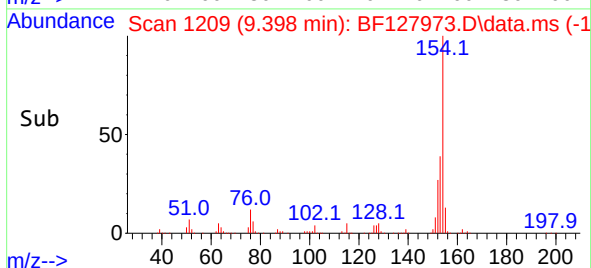
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

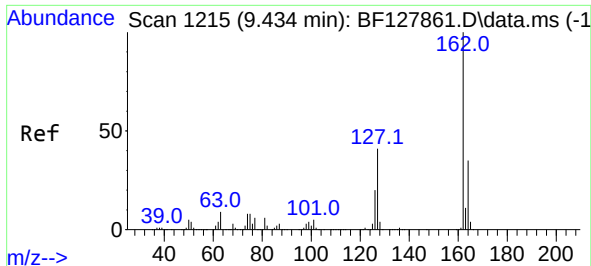


#46
1,1'-Biphenyl
Concen: 41.283 ng
RT: 9.398 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23



Tgt Ion:154 Resp: 849590
Ion Ratio Lower Upper
154 100
153 39.4 20.4 60.4
76 12.0 0.0 33.2





#47
2-Chloronaphthalene
Concen: 40.052 ng
RT: 9.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

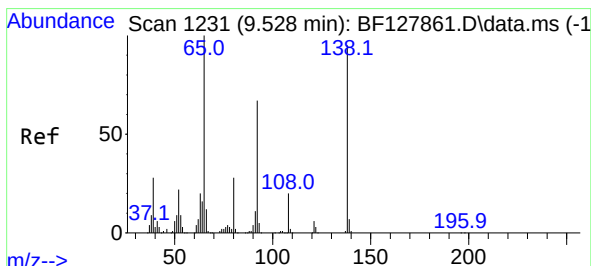
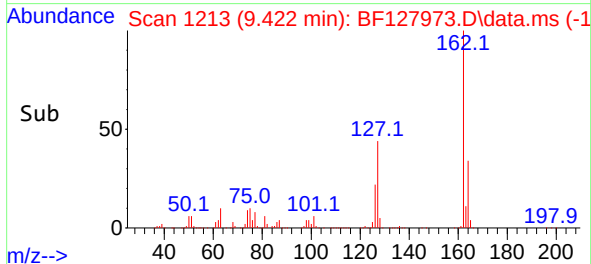
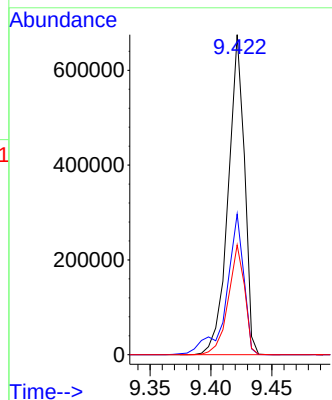
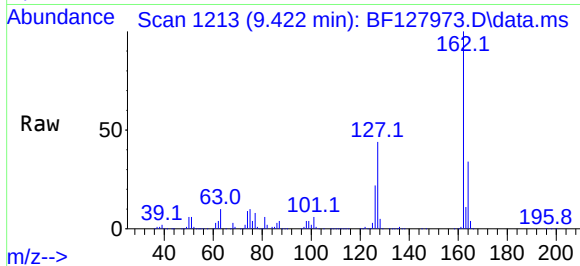
ClientSampleId :

PB144382BS

Tgt Ion:162 Resp: 627484
Ion Ratio Lower Upper
162 100
127 43.9 32.9 49.3
164 34.3 28.2 42.2

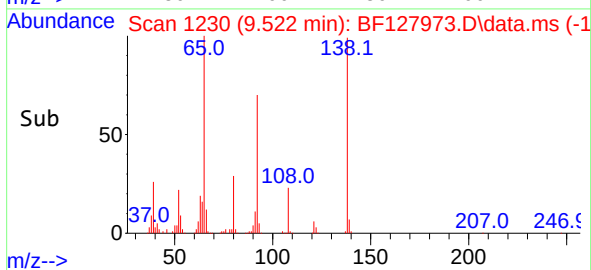
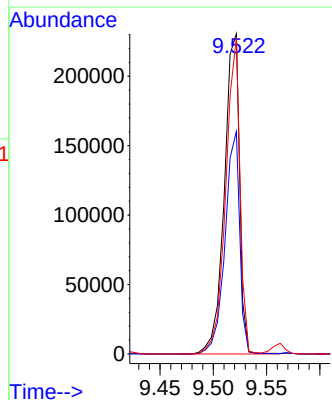
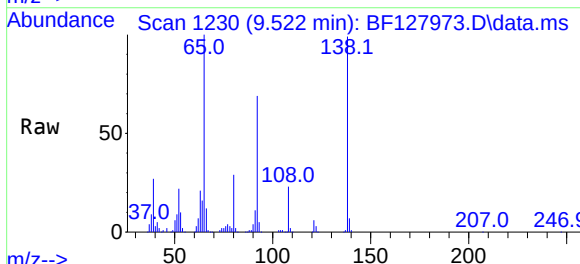
Manual Integrations
APPROVED

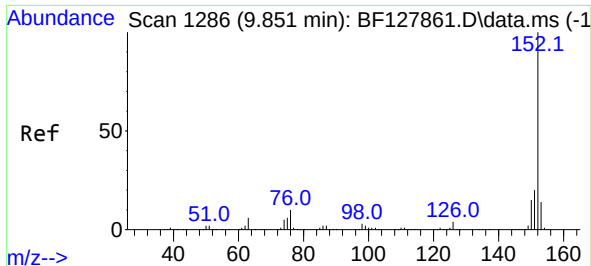
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#48
2-Nitroaniline
Concen: 43.132 ng
RT: 9.522 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion: 65 Resp: 228577
Ion Ratio Lower Upper
65 100
92 69.5 53.7 80.5
138 98.9 76.4 114.6





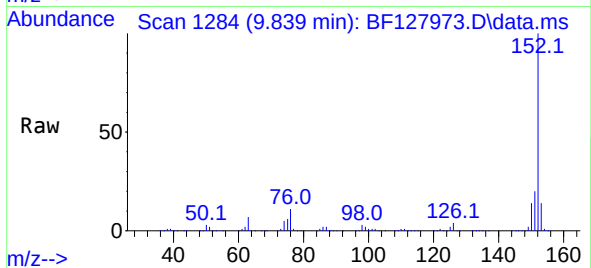
#49
Acenaphthylene
Concen: 40.542 ng
RT: 9.839 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB144382BS

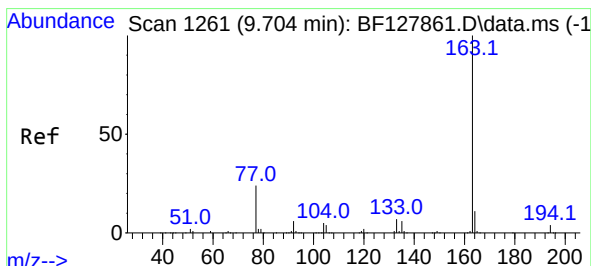
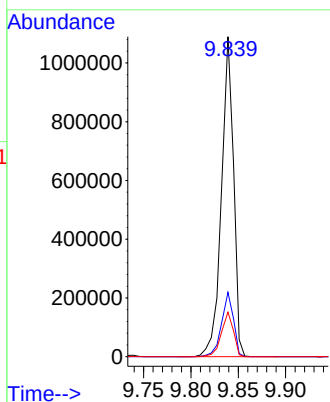
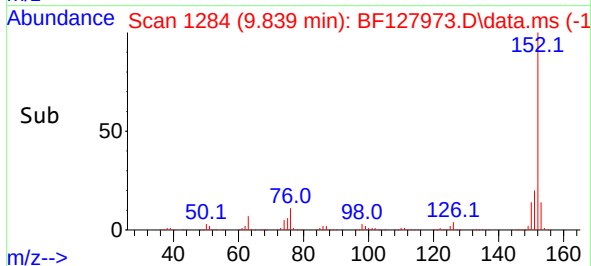


Tgt Ion:152 Resp: 971584
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.9 11.2 16.8

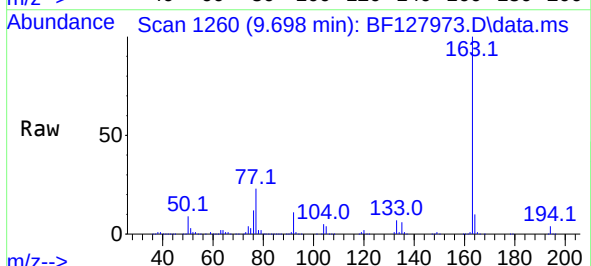
Manual Integrations

APPROVED

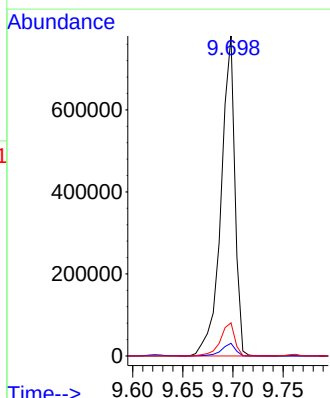
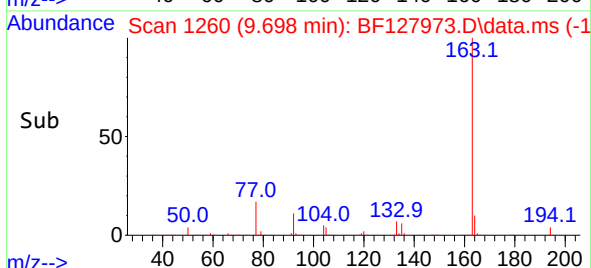
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

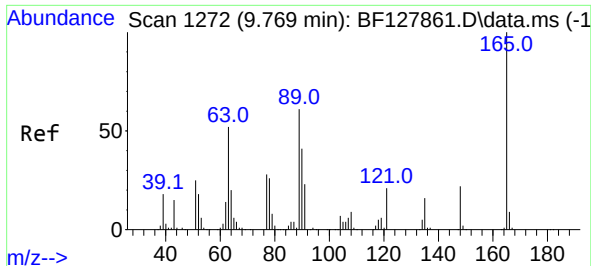


#50
Dimethylphthalate
Concen: 40.237 ng
RT: 9.698 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23



Tgt Ion:163 Resp: 749711
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 42.498 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

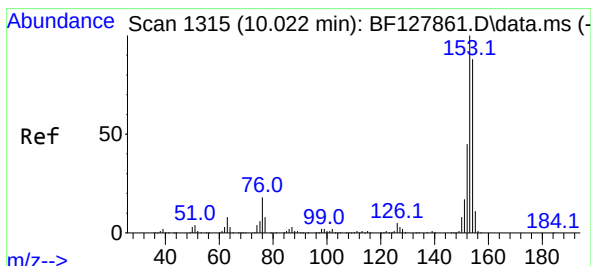
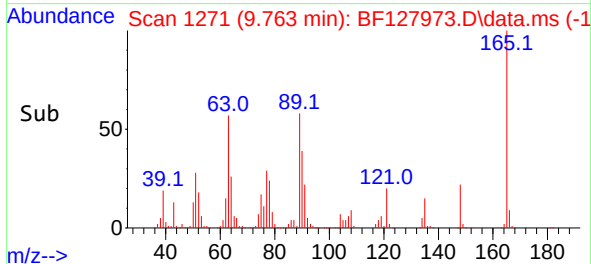
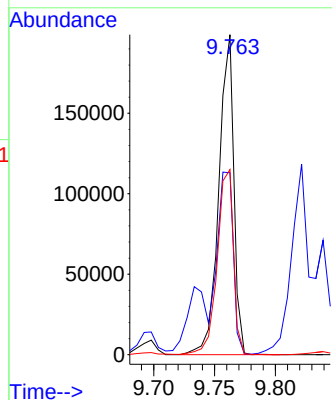
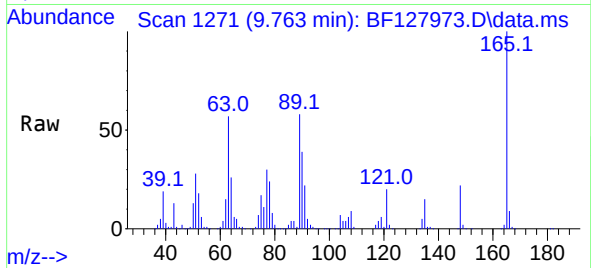
PB144382BS

Tgt Ion:165 Resp: 17144
Ion Ratio Lower Upper
165 100
63 56.9 49.5 74.3
89 57.9 49.0 73.4

Manual Integrations

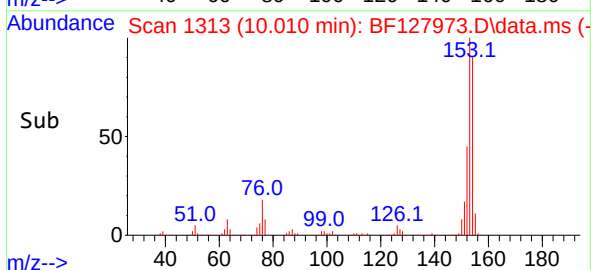
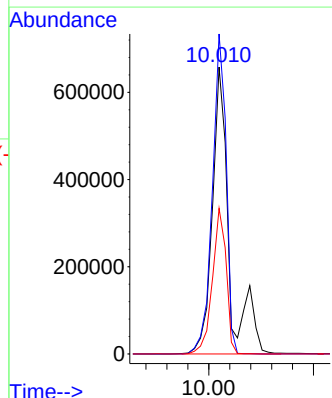
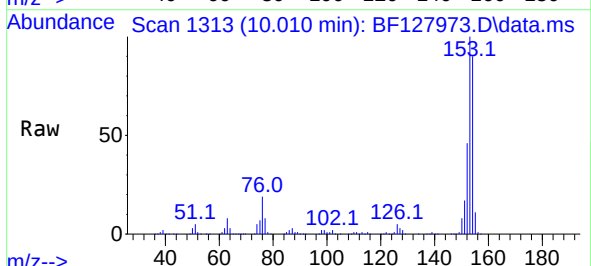
APPROVED

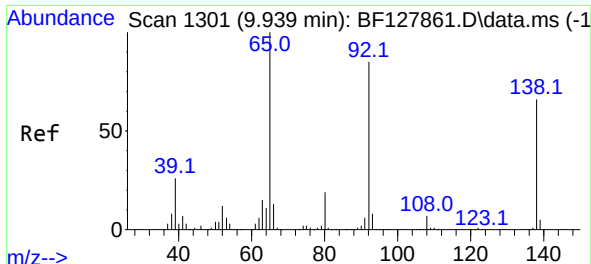
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#52
Acenaphthene
Concen: 45.527 ng m
RT: 10.010 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion:154 Resp: 733511
Ion Ratio Lower Upper
154 100
153 111.5 90.5 135.7
152 50.8 41.0 61.6





#53
3-Nitroaniline
Concen: 27.084 ng
RT: 9.933 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

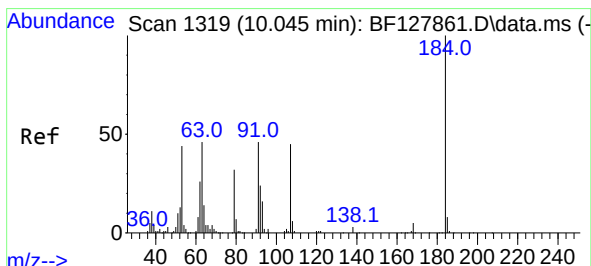
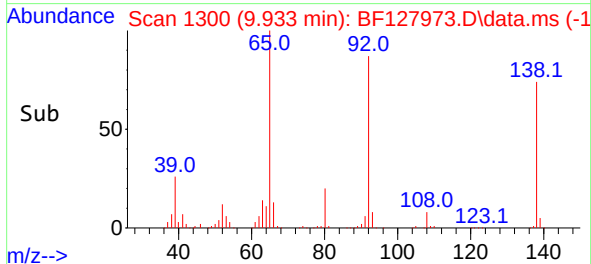
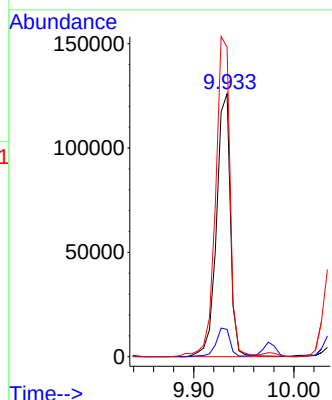
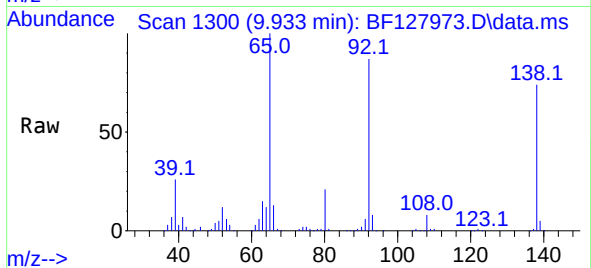
PB144382BS

Tgt Ion:138 Resp: 12132
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.4
92 117.7 102.7 154.1

Manual Integrations

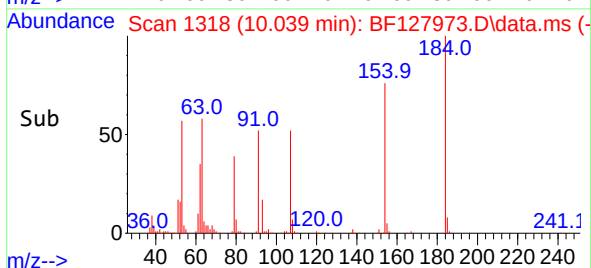
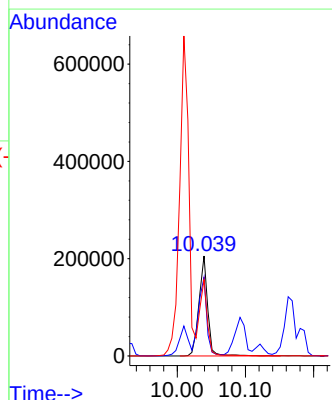
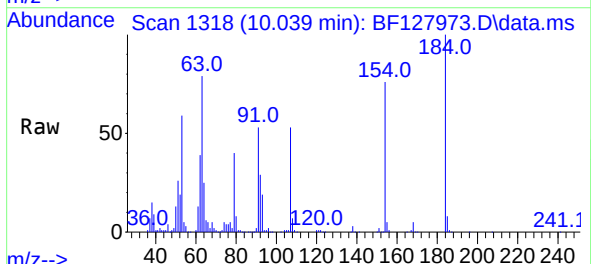
APPROVED

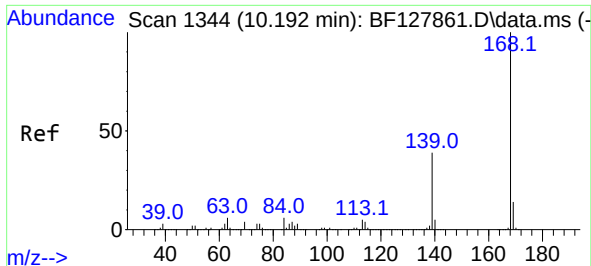
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#54
2,4-Dinitrophenol
Concen: 86.461 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion:184 Resp: 183690
Ion Ratio Lower Upper
184 100
63 78.7 50.0 75.0#
154 76.2 51.7 77.5





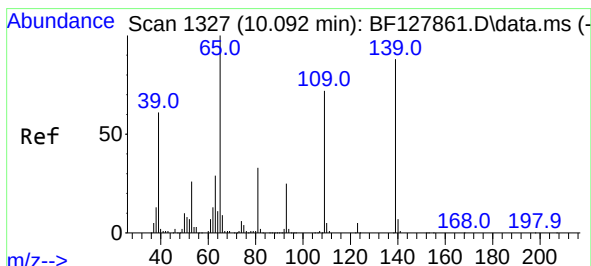
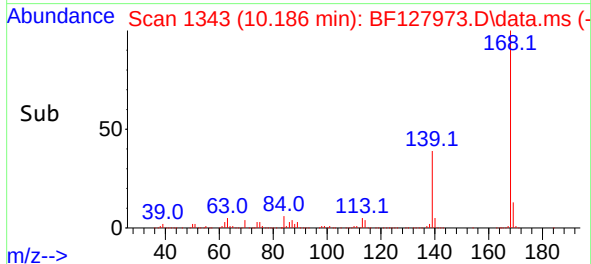
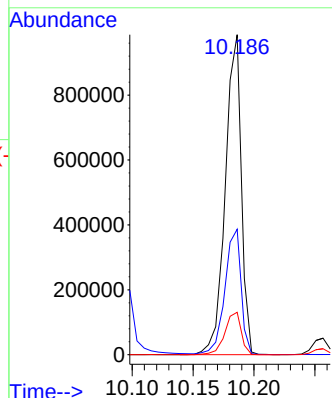
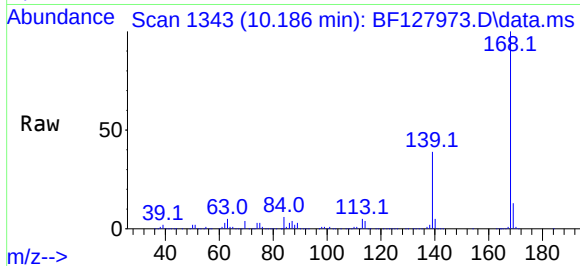
#55
Dibenzenofuran
Concen: 38.924 ng
RT: 10.186 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :
BNA_F
ClientSampleId :
PB144382BS

Tgt Ion:168 Resp: 904802
Ion Ratio Lower Upper
168 100
139 39.2 31.7 47.5
169 13.3 10.9 16.3

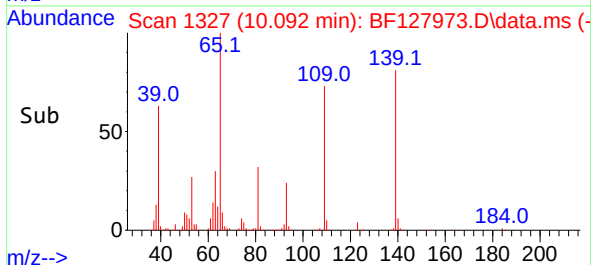
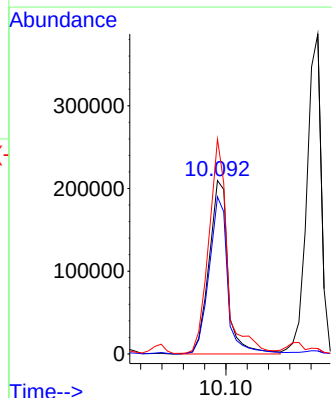
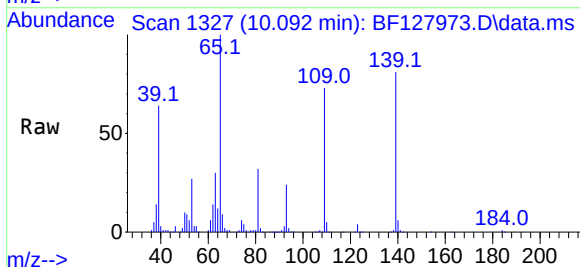
Manual Integrations
APPROVED

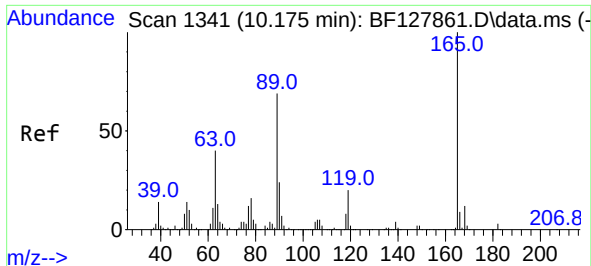
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#56
4-Nitrophenol
Concen: 75.875 ng
RT: 10.092 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion:139 Resp: 259546
Ion Ratio Lower Upper
139 100
109 90.6 61.9 101.9
65 123.9 93.5 133.5





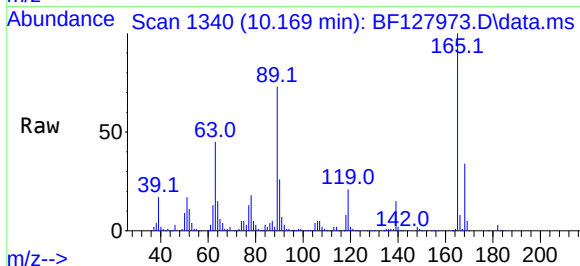
#57
2,4-Dinitrotoluene
Concen: 43.676 ng
RT: 10.169 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB144382BS

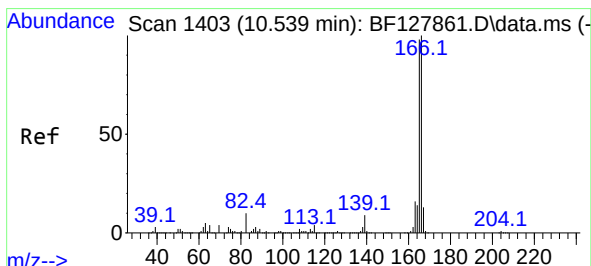
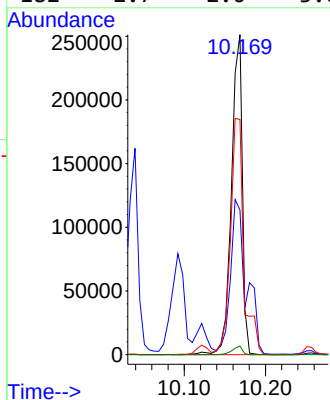
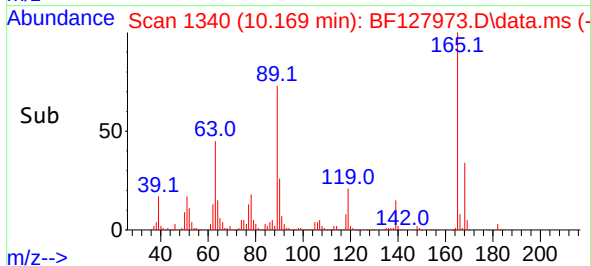


Tgt Ion:165 Resp: 233385
Ion Ratio Lower Upper
165 100
63 45.2 32.6 49.0
89 73.5 55.2 82.8
182 2.7 2.0 3.0

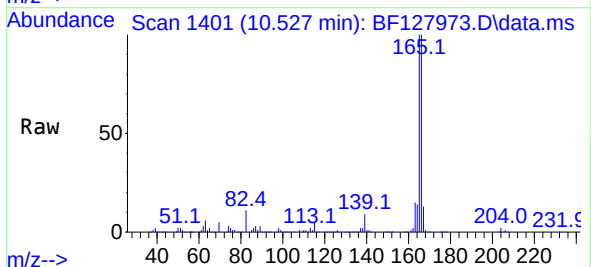
Manual Integrations

APPROVED

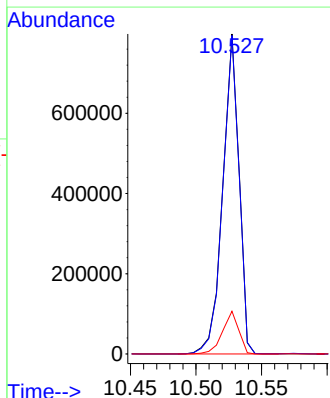
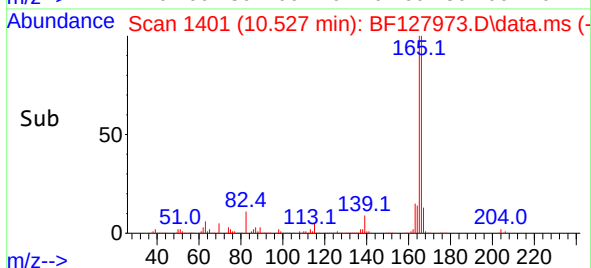
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

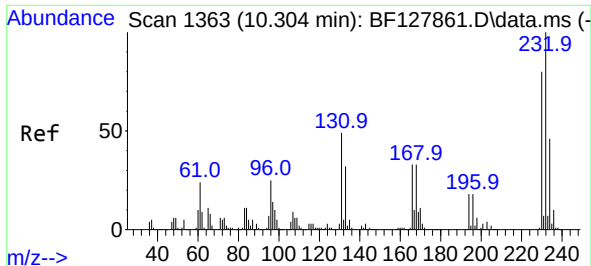


#58
Fluorene
Concen: 39.610 ng
RT: 10.527 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23



Tgt Ion:166 Resp: 687052
Ion Ratio Lower Upper
166 100
165 99.5 78.6 117.8
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.196 ng
RT: 10.298 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

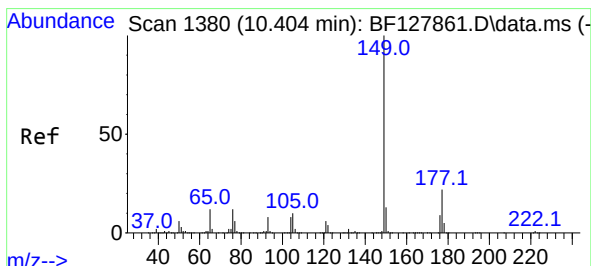
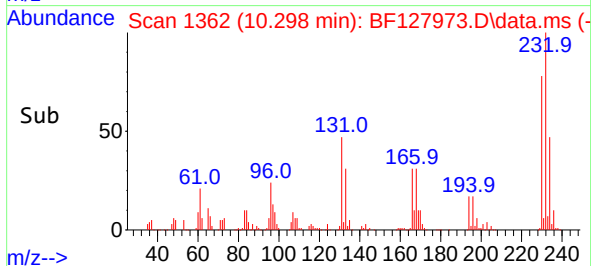
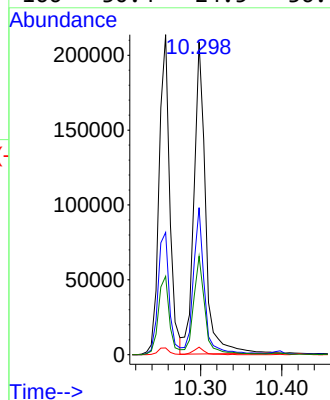
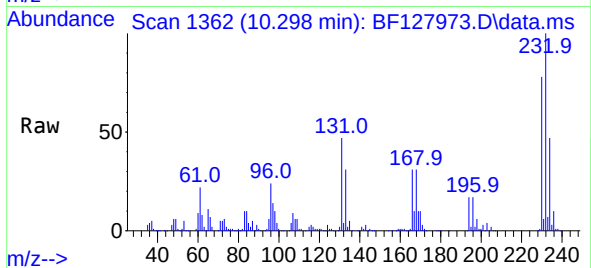
PB144382BS

Tgt Ion:232 Resp: 207840
Ion Ratio Lower Upper
232 100
131 44.2 35.4 53.2
130 2.2 1.9 2.9
166 30.4 24.5 36.7

Manual Integrations

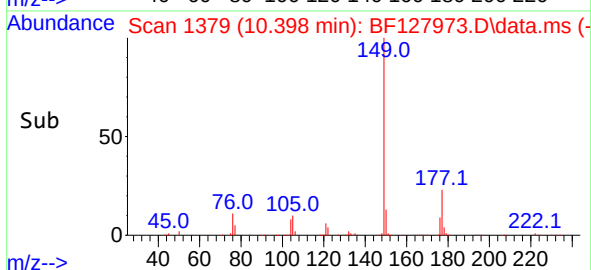
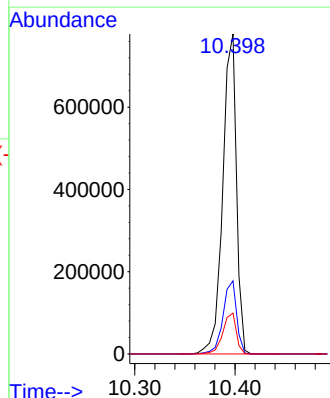
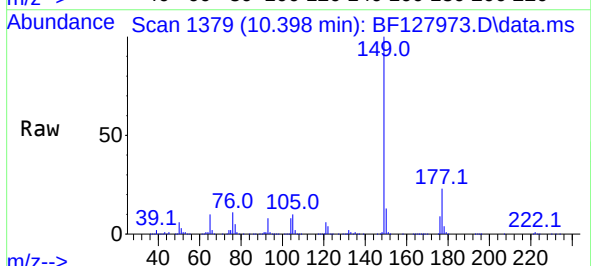
APPROVED

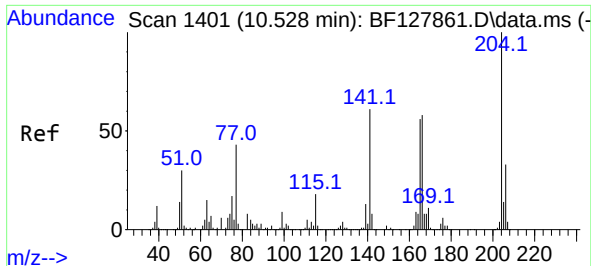
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#60
Diethylphthalate
Concen: 40.308 ng
RT: 10.398 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion:149 Resp: 736449
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.8
150 12.7 10.2 15.2





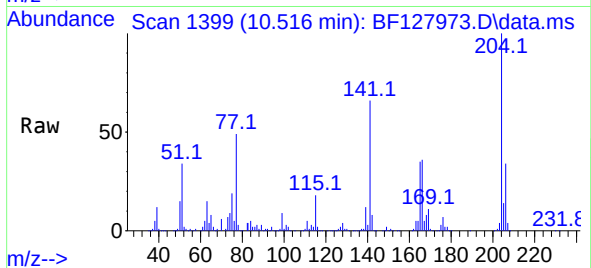
#61
4-Chlorophenyl-phenylether
Concen: 39.510 ng
RT: 10.516 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB144382BS

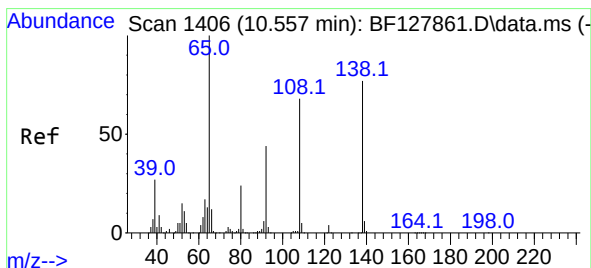
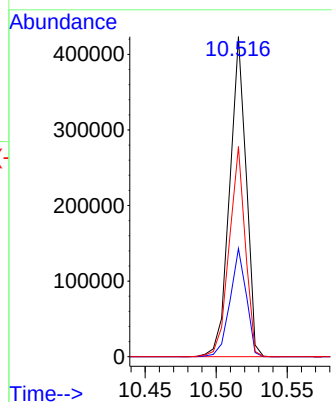
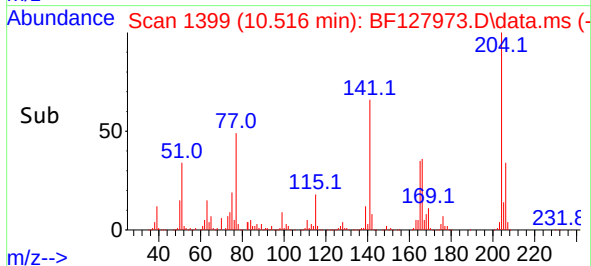


Tgt Ion:204 Resp: 340548
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 65.7 48.7 73.1

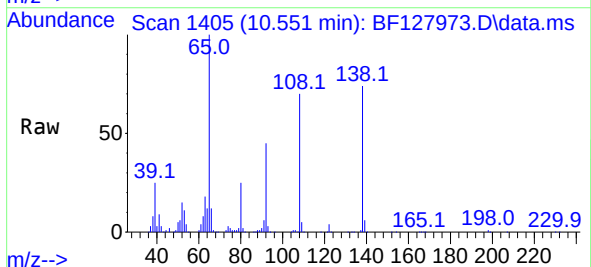
Manual Integrations

APPROVED

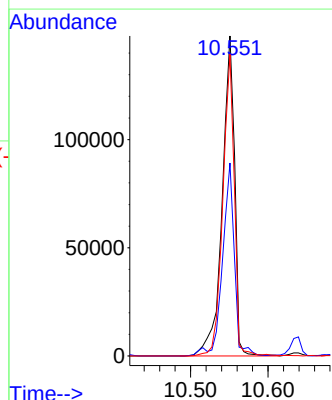
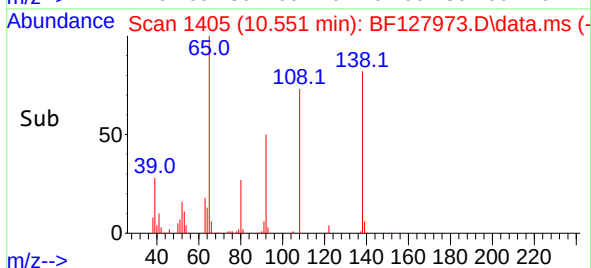
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

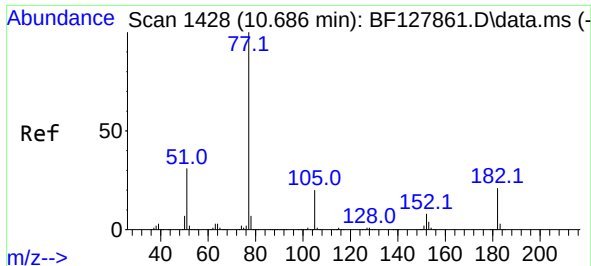


#62
4-Nitroaniline
Concen: 37.749 ng
RT: 10.551 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23



Tgt Ion:138 Resp: 165326
Ion Ratio Lower Upper
138 100
92 60.3 37.4 77.4
108 94.3 68.4 108.4





#63
Azobenzene
Concen: 39.903 ng
RT: 10.680 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

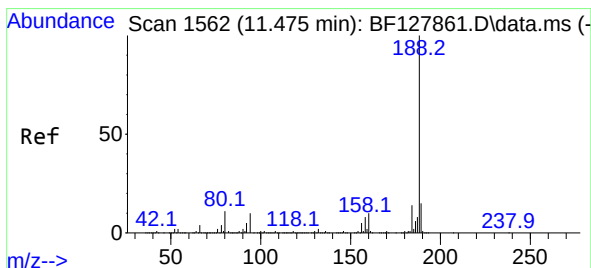
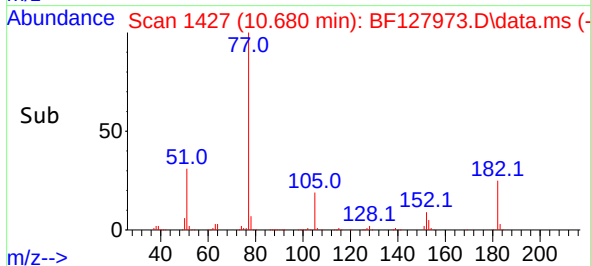
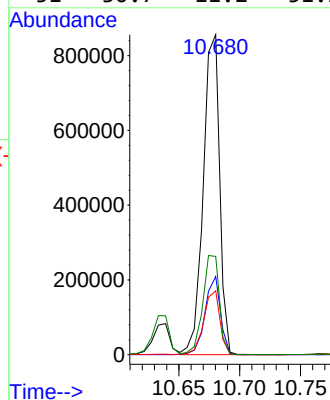
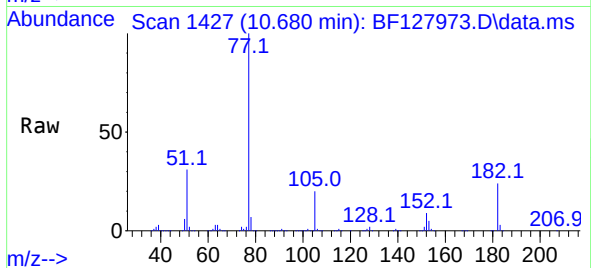
PB144382BS

Tgt Ion: 77 Resp: 802233
Ion Ratio Lower Upper
77 100
182 24.4 1.2 41.2
105 20.0 0.0 39.8
51 30.7 11.2 51.2

Manual Integrations

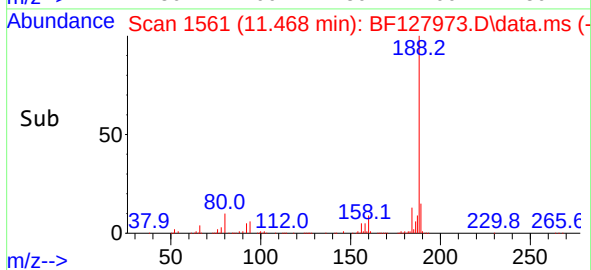
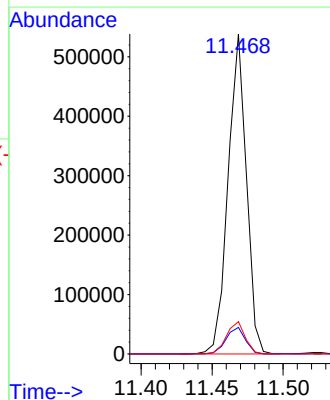
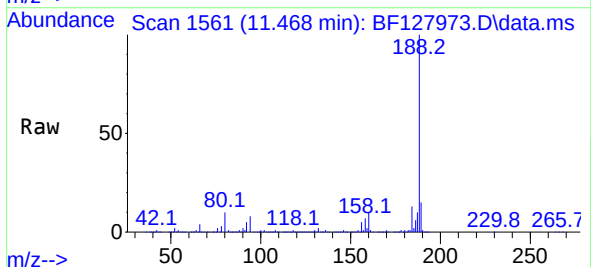
APPROVED

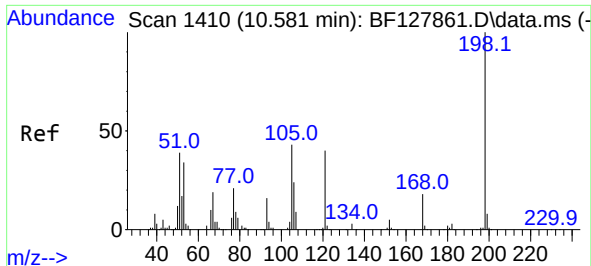
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.468 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion:188 Resp: 482803
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 10.1 8.9 13.3





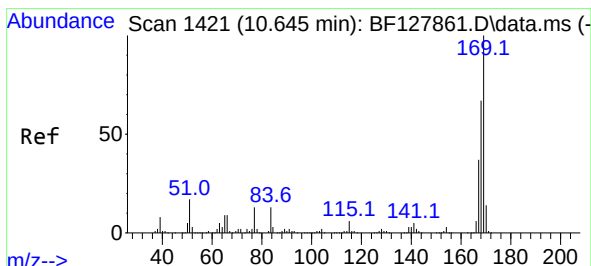
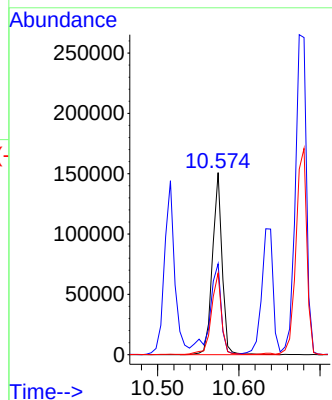
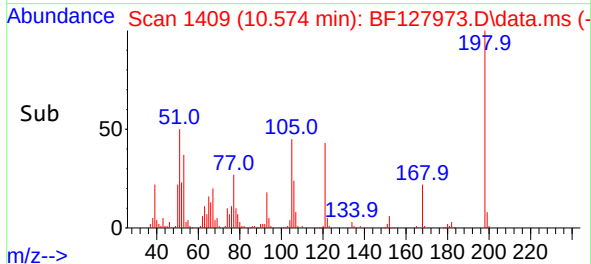
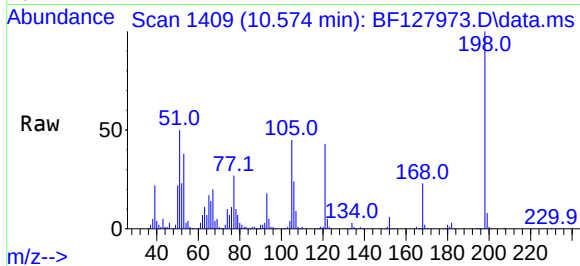
#65
4,6-Dinitro-2-methylphenol
Concen: 43.259 ng
RT: 10.574 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :
BNA_F
ClientSampleId :
PB144382BS

Tgt Ion:198 Resp: 124100
Ion Ratio Lower Upper
198 100
51 49.9 28.4 68.4
105 44.9 23.4 63.4

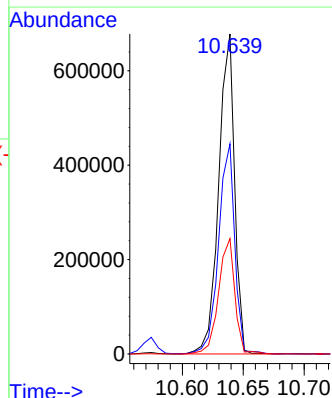
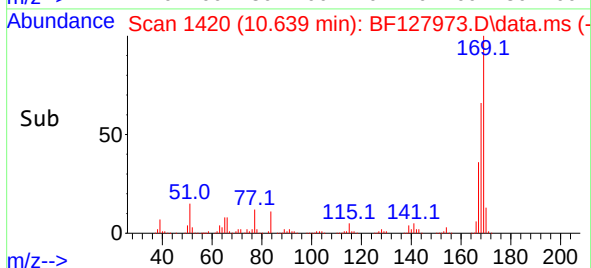
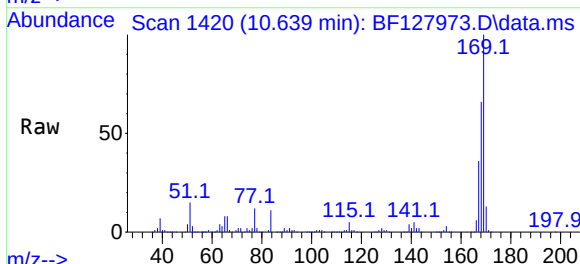
Manual Integrations
APPROVED

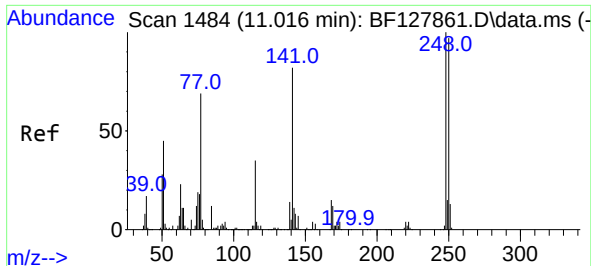
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#66
n-Nitrosodiphenylamine
Concen: 41.110 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion:169 Resp: 617592
Ion Ratio Lower Upper
169 100
168 65.7 53.8 80.6
167 36.1 29.5 44.3





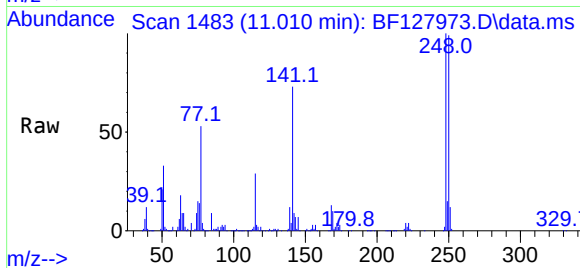
#67
4-Bromophenyl-phenylether
Concen: 40.769 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB144382BS

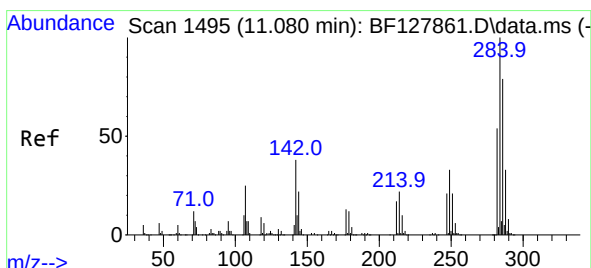
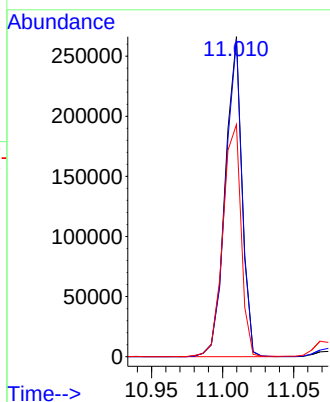
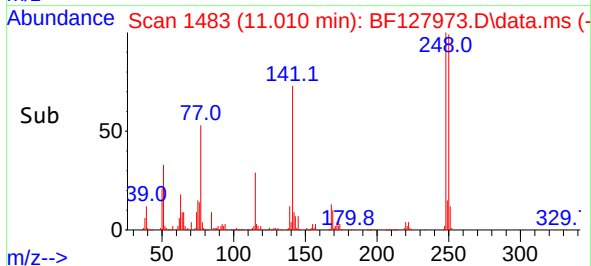


Tgt Ion:248 Resp: 218200
Ion Ratio Lower Upper
248 100
250 99.2 77.7 116.5
141 72.6 65.6 98.4

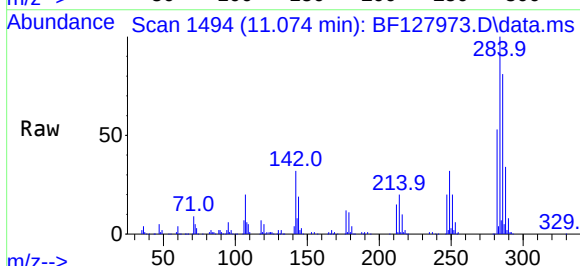
Manual Integrations

APPROVED

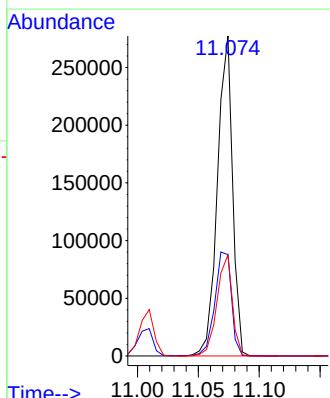
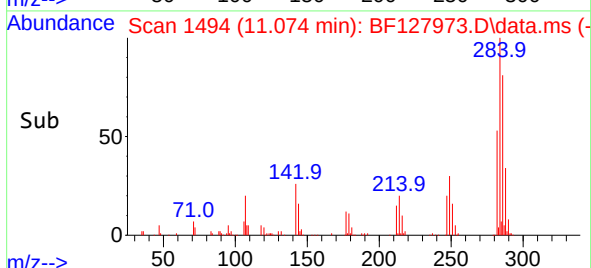
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

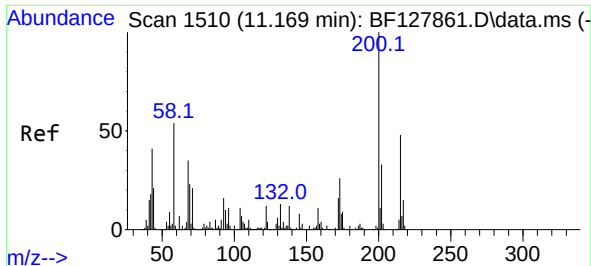


#68
Hexachlorobenzene
Concen: 42.743 ng
RT: 11.074 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23



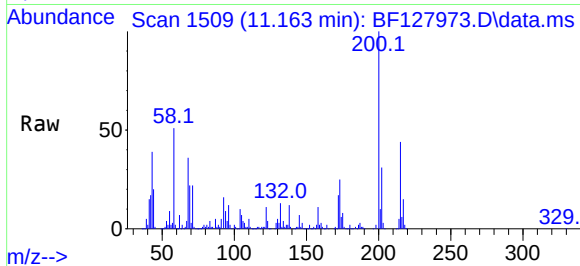
Tgt Ion:284 Resp: 241024
Ion Ratio Lower Upper
284 100
142 31.7 30.2 45.4
249 31.6 26.1 39.1





#69
Atrazine
Concen: 47.212 ng
RT: 11.163 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

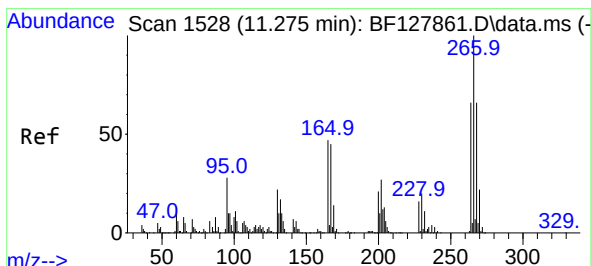
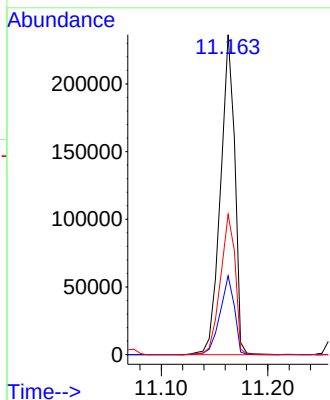
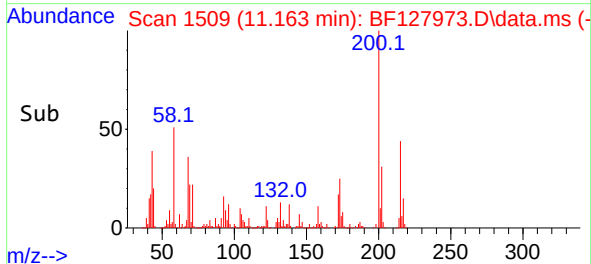
Instrument :
BNA_F
ClientSampleId :
PB144382BS



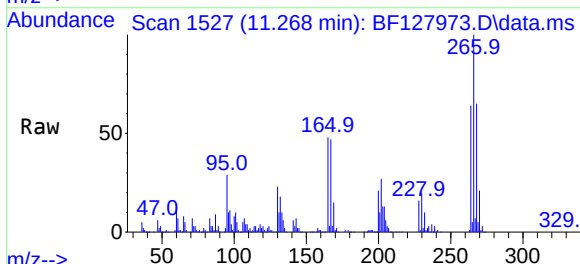
Tgt Ion:200 Resp: 219310
Ion Ratio Lower Upper
200 100
173 24.7 6.0 46.0
215 43.9 28.1 68.1

Manual Integrations
APPROVED

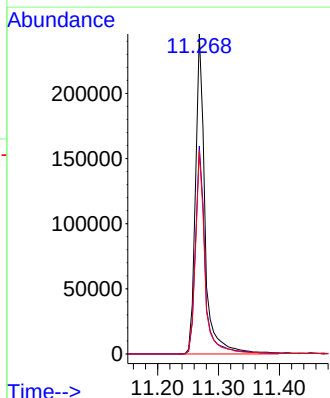
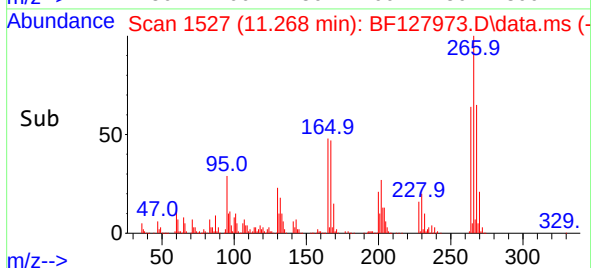
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

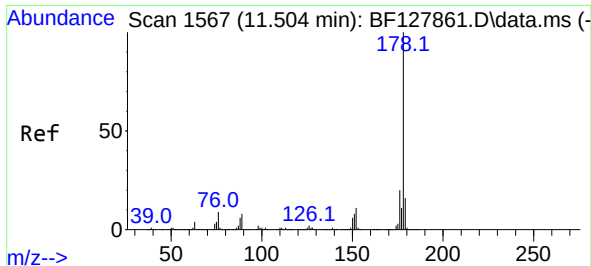


#70
Pentachlorophenol
Concen: 80.505 ng
RT: 11.268 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23



Tgt Ion:266 Resp: 267067
Ion Ratio Lower Upper
266 100
268 64.9 53.0 79.6
264 63.5 53.1 79.7





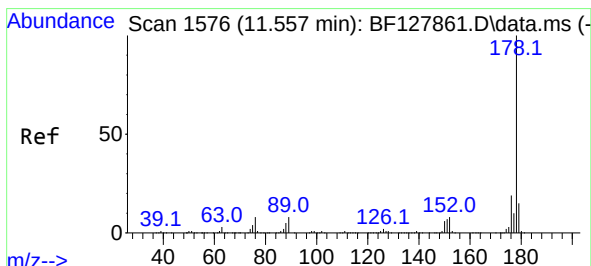
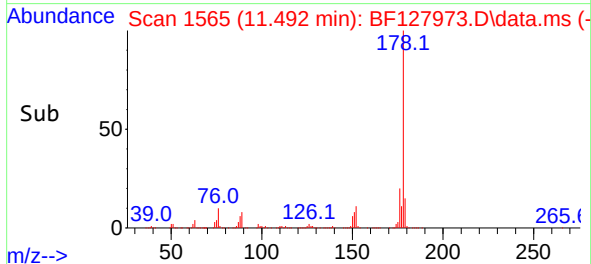
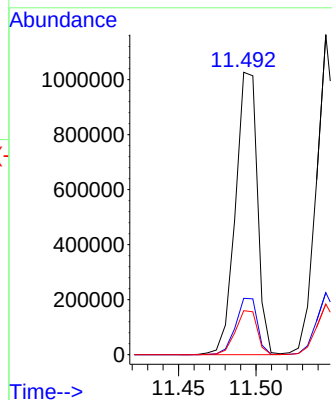
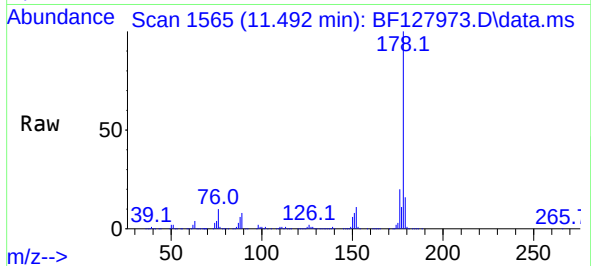
#71
Phenanthrene
Concen: 39.979 ng
RT: 11.492 min Scan# 11492
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :
BNA_F
ClientSampleId :
PB144382BS

Tgt Ion:178 Resp: 1010385
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.6 12.6 19.0

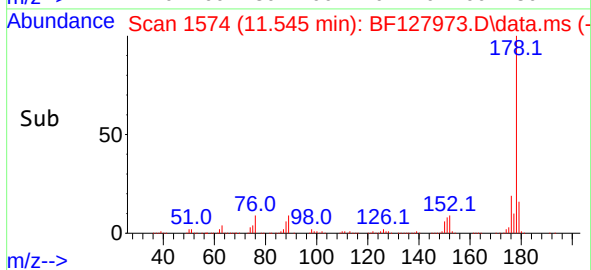
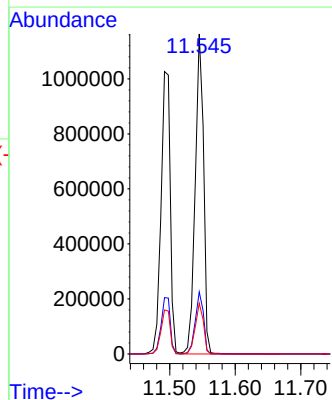
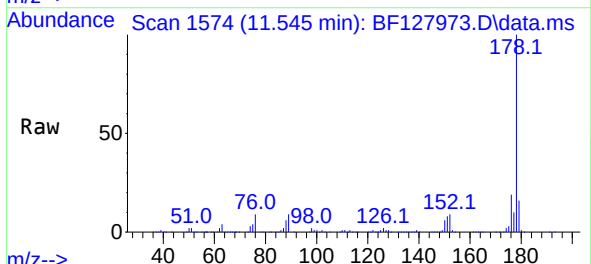
Manual Integrations
APPROVED

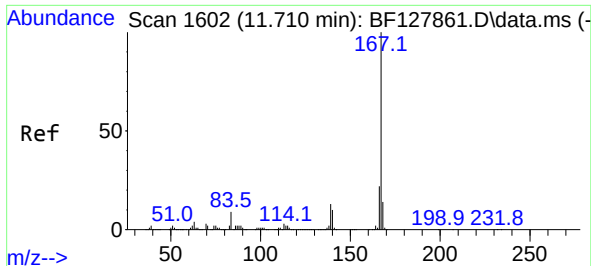
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#72
Anthracene
Concen: 41.160 ng
RT: 11.545 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

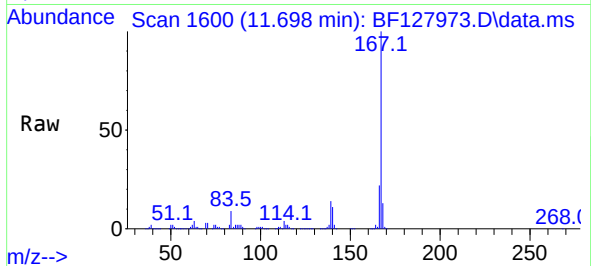
Tgt Ion:178 Resp: 1036214
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.6
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 37.813 ng
 RT: 11.698 min Scan# 1600
 Delta R.T. -0.000 min
 Lab File: BF127973.D
 Acq: 28 Apr 2022 11:23

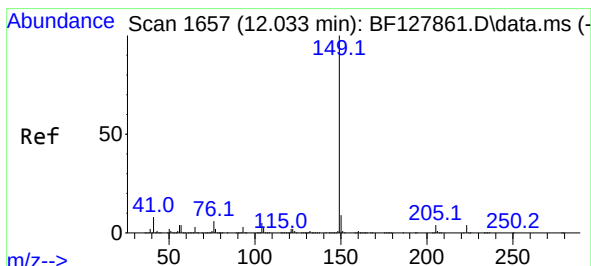
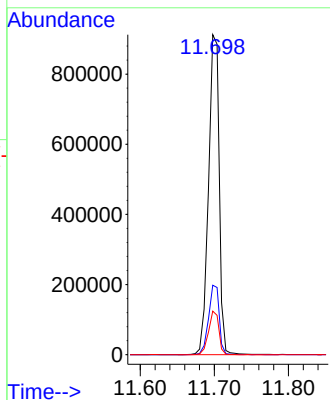
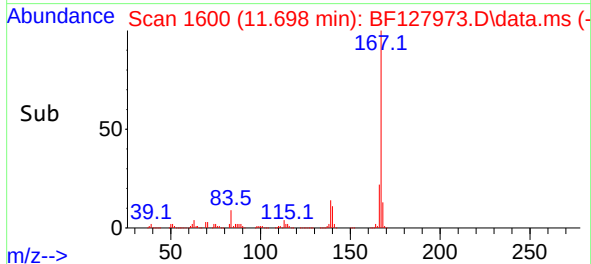
Instrument :
 BNA_F
 ClientSampleId :
 PB144382BS



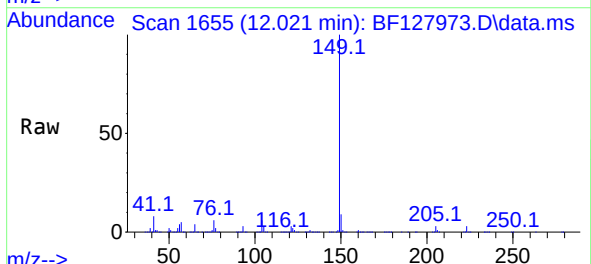
Tgt Ion:167 Resp: 917472
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.6 10.7 16.1

Manual Integrations
 APPROVED

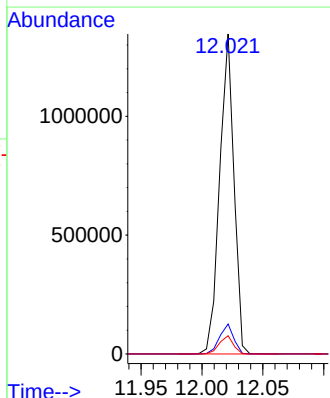
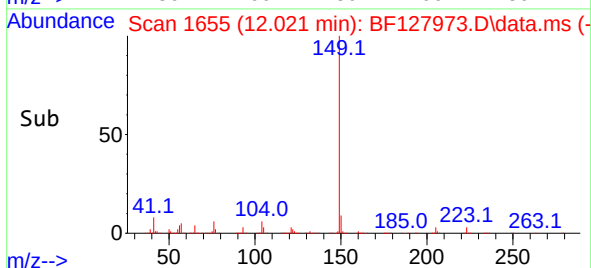
Reviewed By :Christian Giraldo 04/29/2022
 Supervised By :Jagrut Upadhyay 04/29/2022

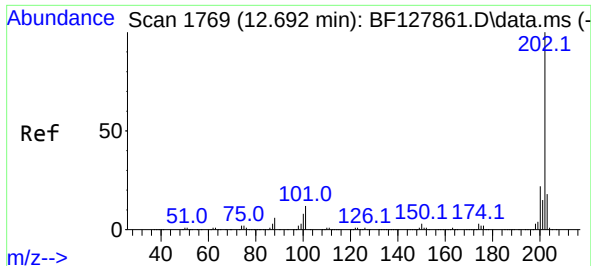


#74
 Di-n-butylphthalate
 Concen: 40.415 ng
 RT: 12.021 min Scan# 1655
 Delta R.T. -0.000 min
 Lab File: BF127973.D
 Acq: 28 Apr 2022 11:23



Tgt Ion:149 Resp: 1102669
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.7 4.3 6.5





#75
Fluoranthene
Concen: 39.080 ng
RT: 12.686 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

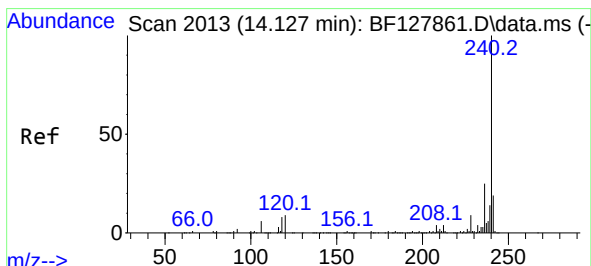
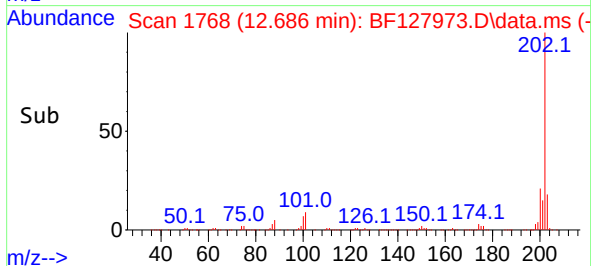
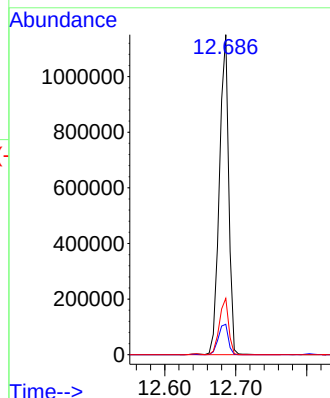
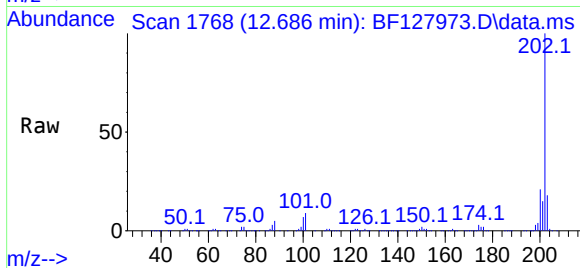
PB144382BS

Tgt Ion:202 Resp: 1039478
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.6
203 17.6 0.0 38.1

Manual Integrations

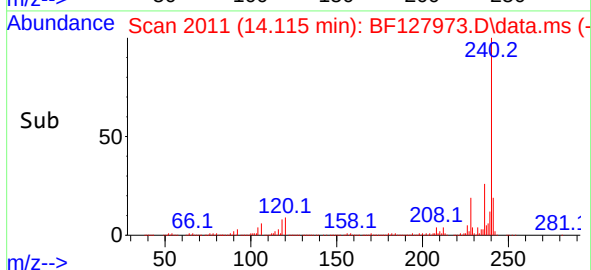
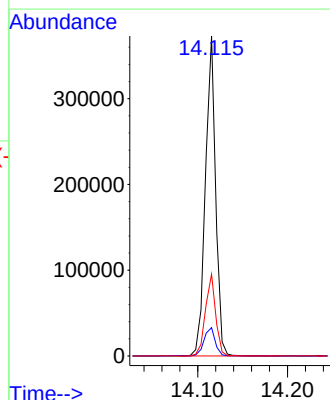
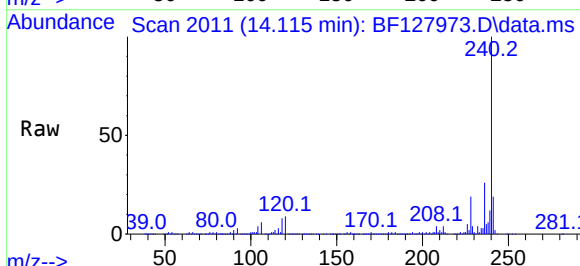
APPROVED

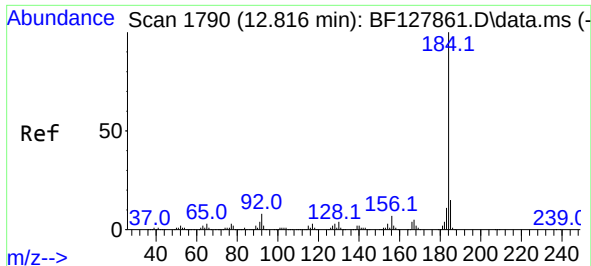
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion:240 Resp: 294954
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.6 20.3 30.5





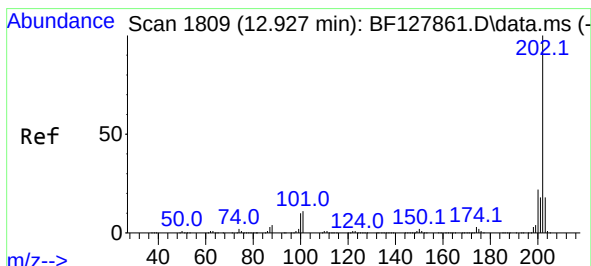
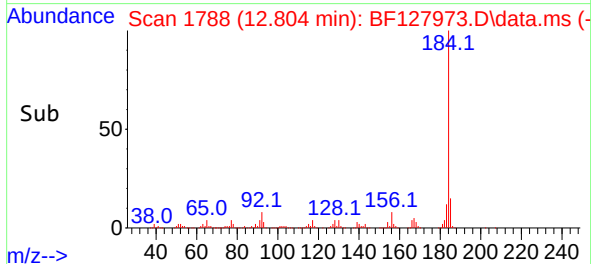
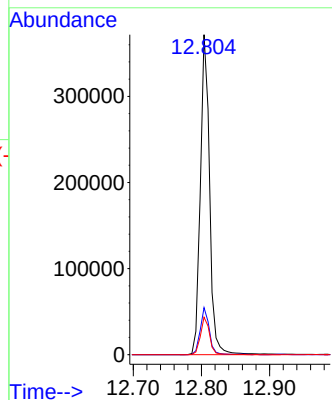
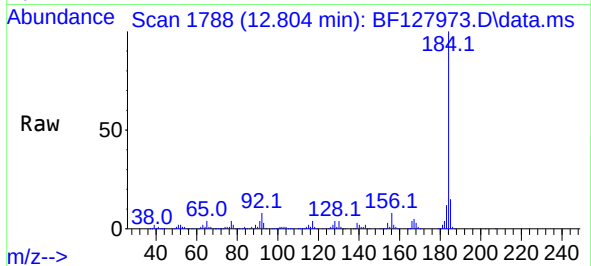
#77
Benzidine
Concen: 62.559 ng
RT: 12.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :
BNA_F
ClientSampleId :
PB144382BS

Tgt Ion:184 Resp: 34913
Ion Ratio Lower Upper
184 100
185 14.7 12.1 18.1
183 11.7 9.0 13.4

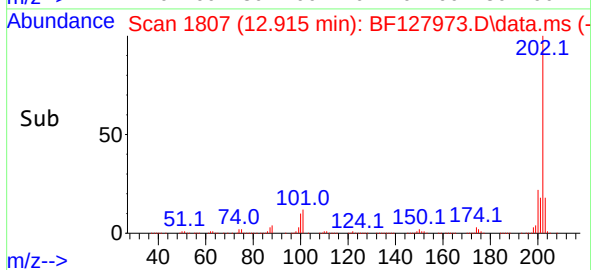
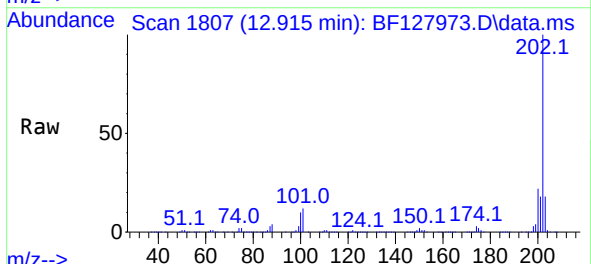
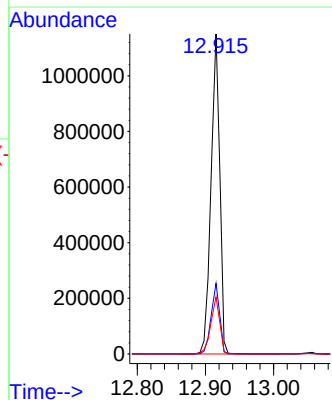
Manual Integrations
APPROVED

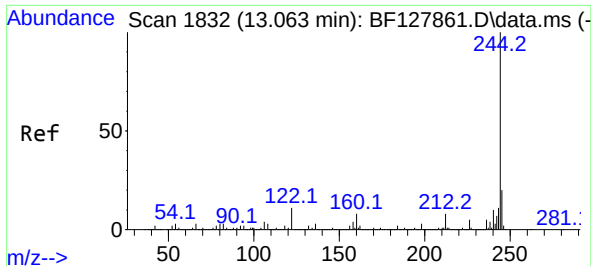
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#78
Pyrene
Concen: 43.168 ng
RT: 12.915 min Scan# 1807
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion:202 Resp: 1027833
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.8 14.0 21.0





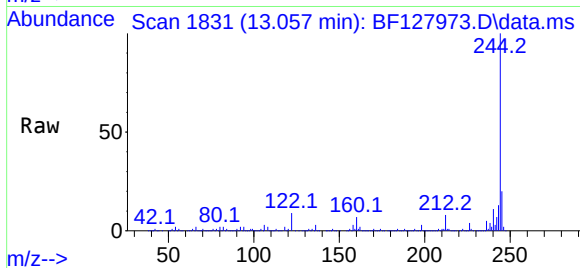
#79
Terphenyl-d14
Concen: 84.605 ng
RT: 13.057 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB144382BS

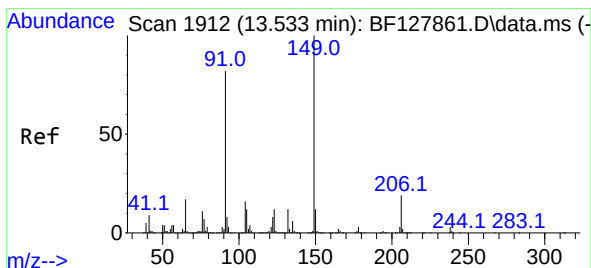
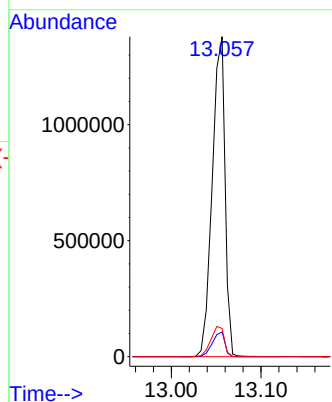
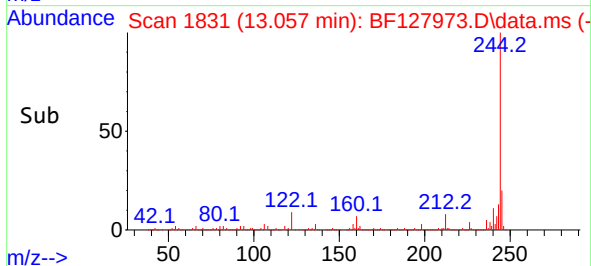


Tgt Ion:244 Resp: 1364700
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 8.8 8.6 12.8

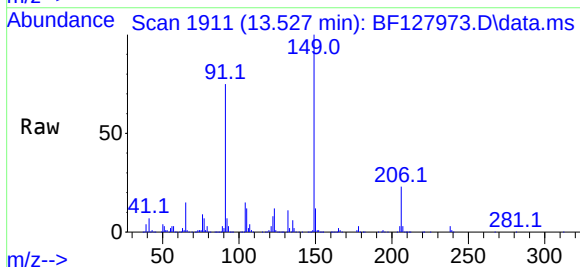
Manual Integrations

APPROVED

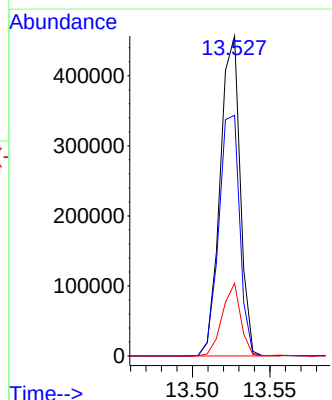
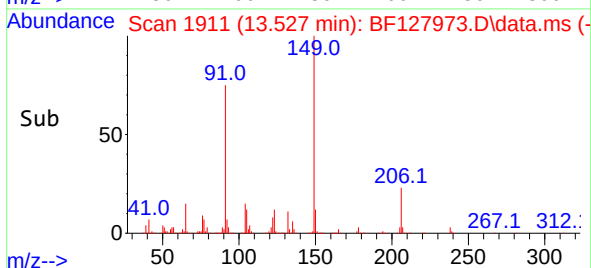
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

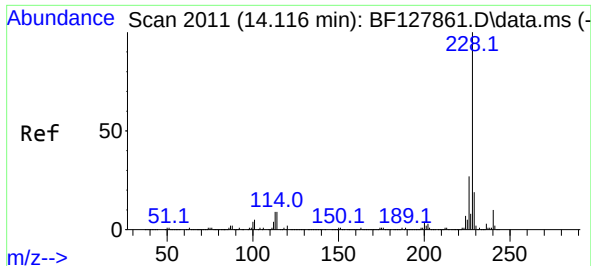


#80
Butylbenzylphthalate
Concen: 44.011 ng
RT: 13.527 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23



Tgt Ion:149 Resp: 410733
Ion Ratio Lower Upper
149 100
91 75.2 65.8 98.6
206 22.7 15.4 23.2





#81
Benzo(a)anthracene
Concen: 40.635 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

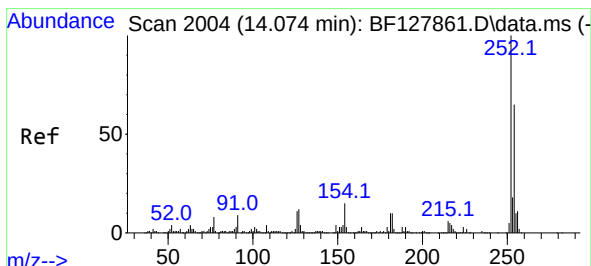
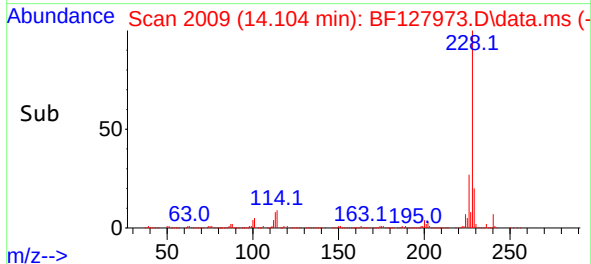
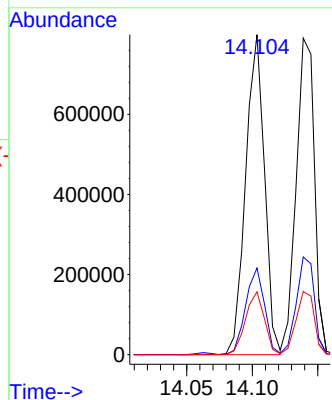
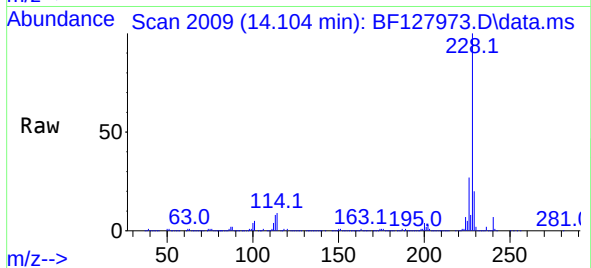
PB144382BS

Tgt Ion:228 Resp: 798860
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.7 15.4 23.2

Manual Integrations

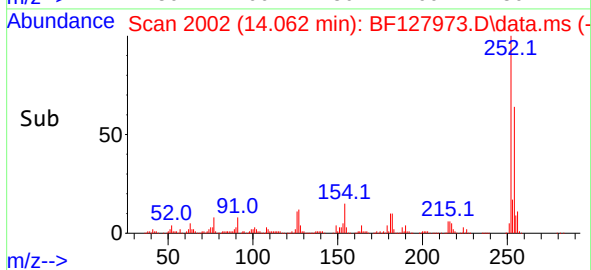
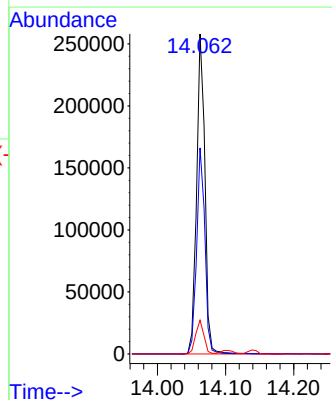
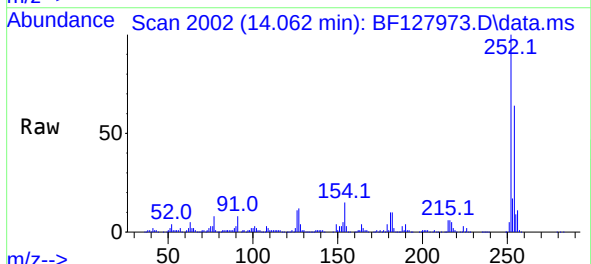
APPROVED

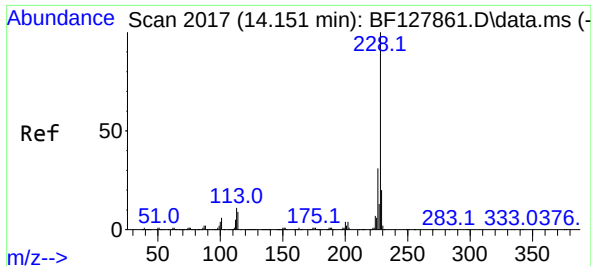
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#82
3,3'-Dichlorobenzidine
Concen: 34.841 ng
RT: 14.062 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion:252 Resp: 217484
Ion Ratio Lower Upper
252 100
254 64.4 51.6 77.4
126 10.5 8.8 13.2





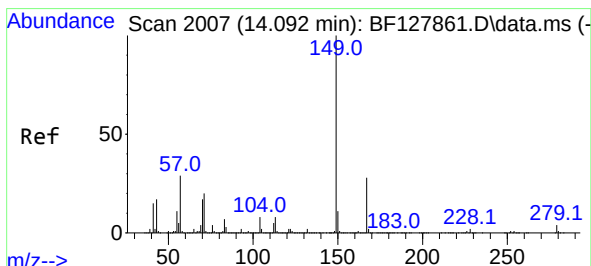
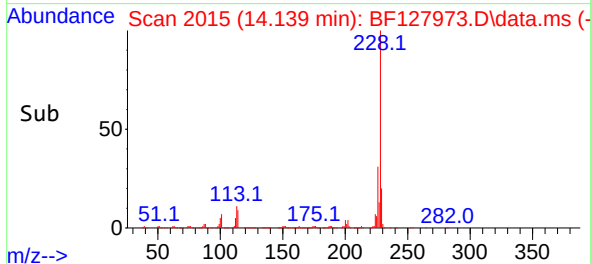
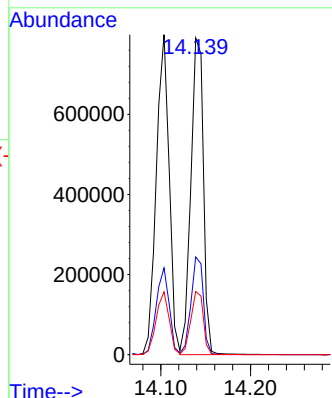
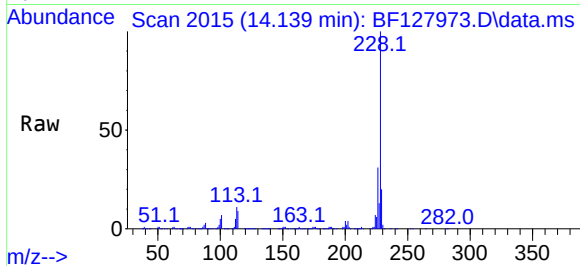
#83
Chrysene
Concen: 40.885 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :
BNA_F
ClientSampleId :
PB144382BS

Tgt Ion:228 Resp: 767633
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 20.0 15.8 23.8

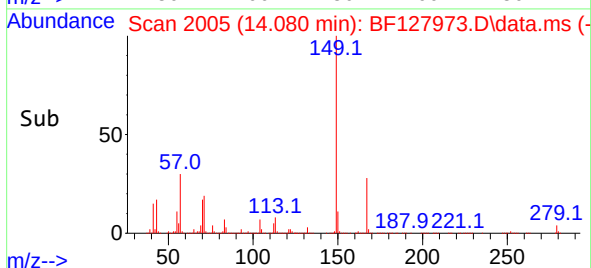
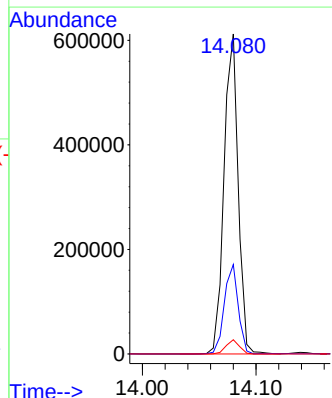
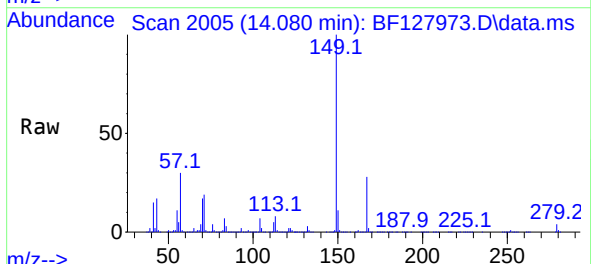
Manual Integrations
APPROVED

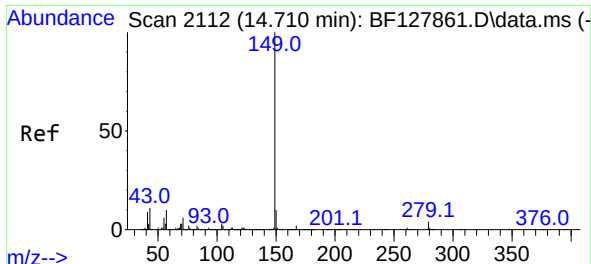
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.818 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

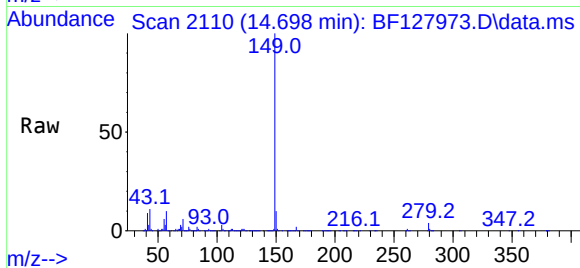
Tgt Ion:149 Resp: 529924
Ion Ratio Lower Upper
149 100
167 27.9 22.0 33.0
279 4.4 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 41.989 ng
RT: 14.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

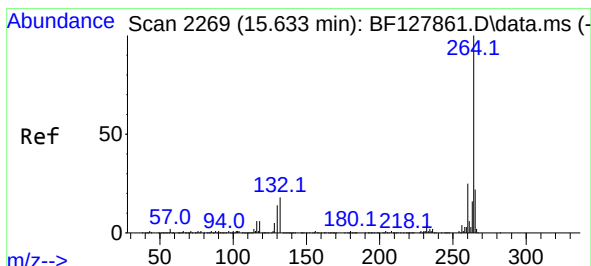
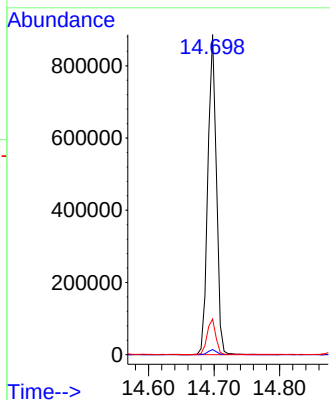
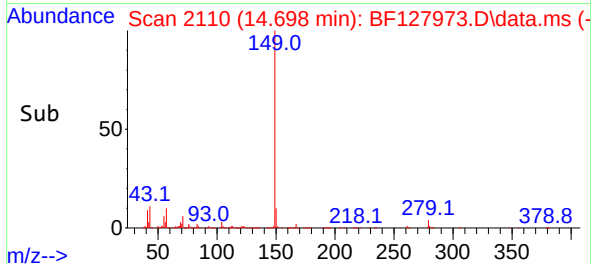
Instrument :
BNA_F
ClientSampleId :
PB144382BS



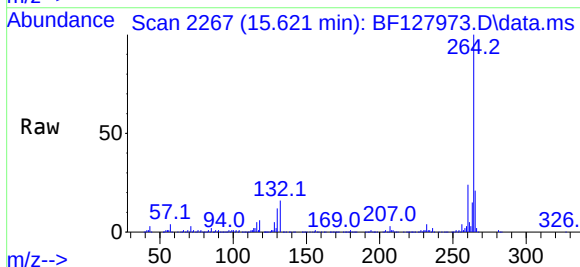
Tgt Ion:149 Resp: 805318
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.2 8.9 13.3

Manual Integrations
APPROVED

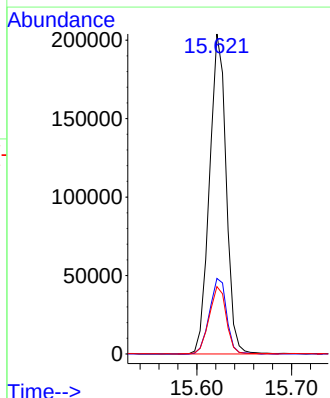
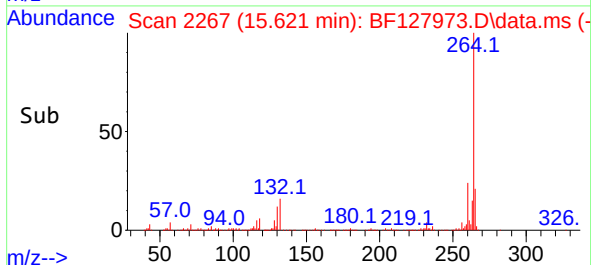
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

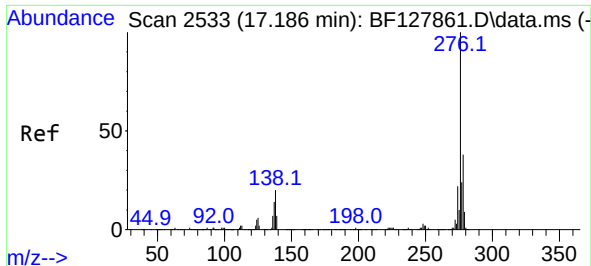


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23



Tgt Ion:264 Resp: 249043
Ion Ratio Lower Upper
264 100
260 23.6 20.1 30.1
265 21.1 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.127 ng
RT: 17.168 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

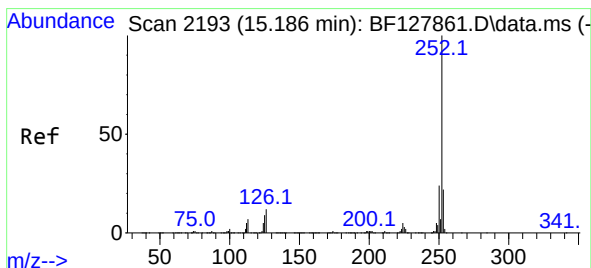
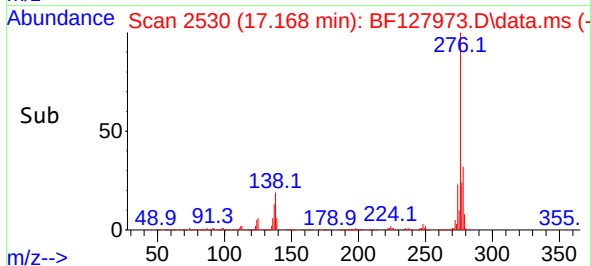
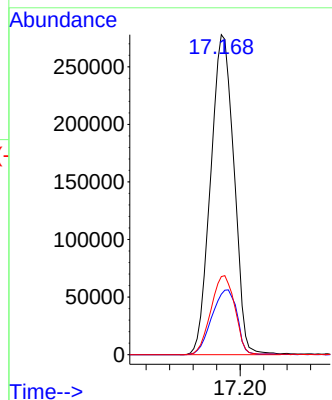
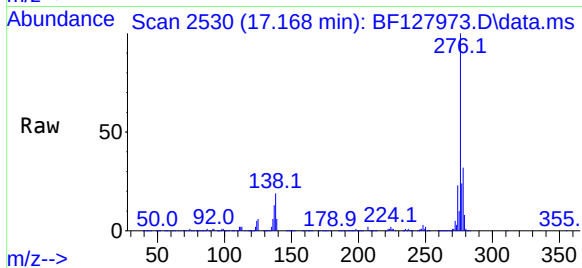
PB144382BS

Tgt Ion:276 Resp: 766770
Ion Ratio Lower Upper
276 100
138 21.8 19.0 28.4
277 25.4 20.1 30.1

Manual Integrations

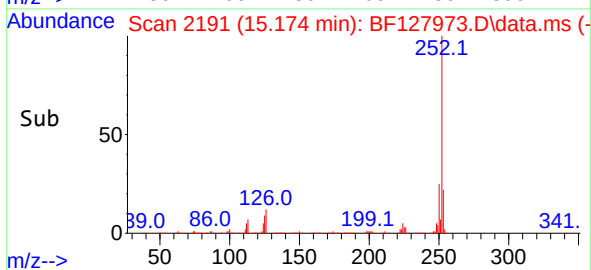
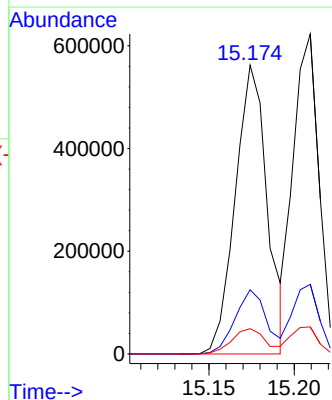
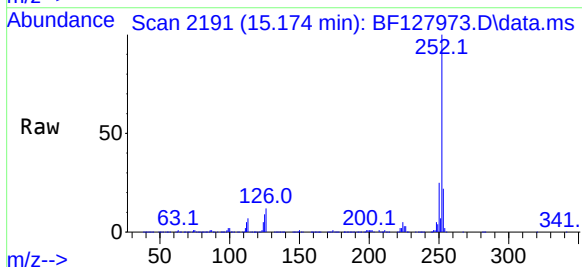
APPROVED

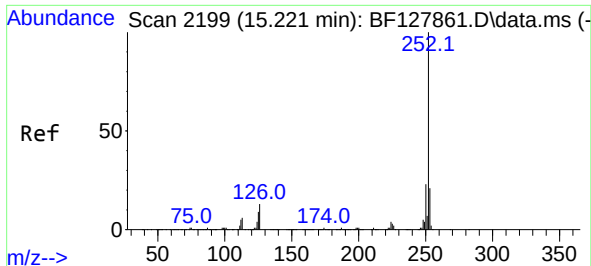
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#88
Benzo(b)fluoranthene
Concen: 46.960 ng
RT: 15.174 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BF127973.D
Acq: 28 Apr 2022 11:23

Tgt Ion:252 Resp: 734561
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 8.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 41.773 ng

RT: 15.209 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB144382BS

Tgt Ion:252 Resp: 658309

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

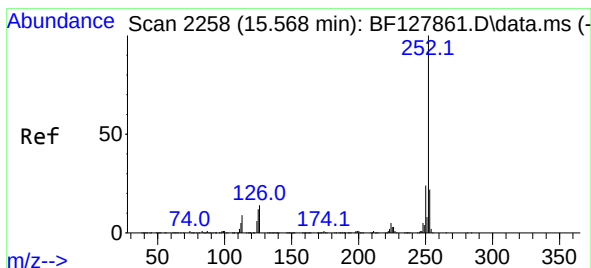
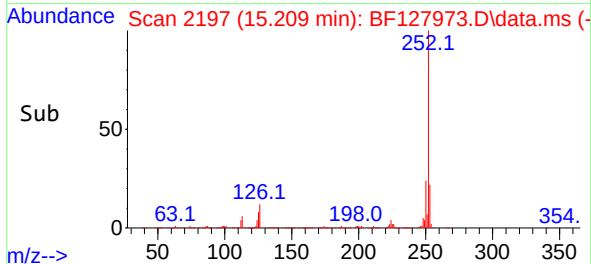
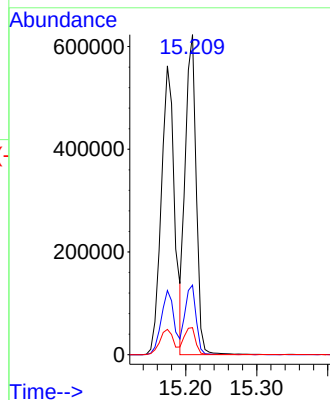
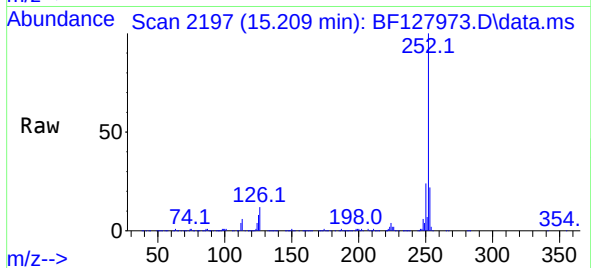
125 8.5 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/29/2022

Supervised By :Jagrut Upadhyay 04/29/2022



#90

Benzo(a)pyrene

Concen: 52.012 ng

RT: 15.562 min Scan# 2257

Delta R.T. 0.006 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

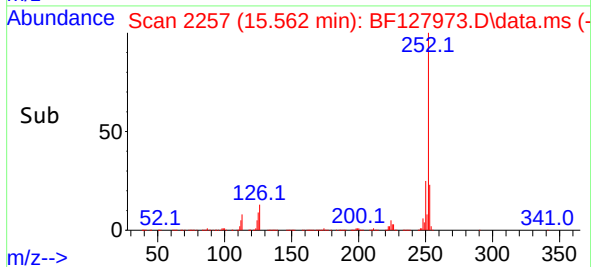
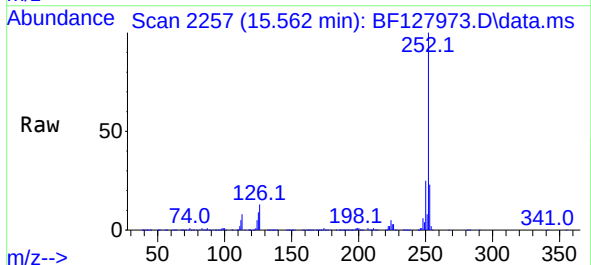
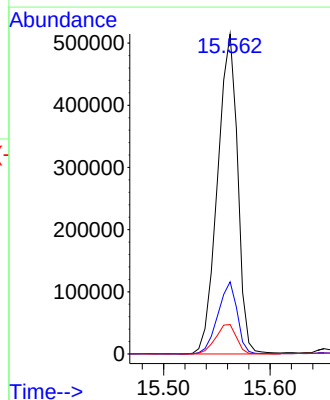
Tgt Ion:252 Resp: 674851

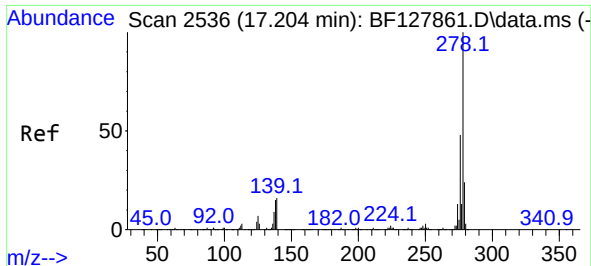
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 9.2 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 48.595 ng

RT: 17.192 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

Instrument :

BNA_F

ClientSampleId :

PB144382BS

Tgt Ion:278 Resp: 647860

Ion Ratio Lower Upper

278 100

139 13.5 12.6 19.0

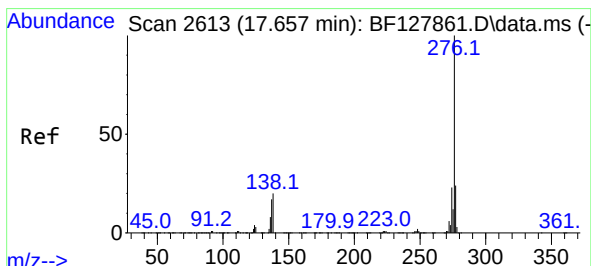
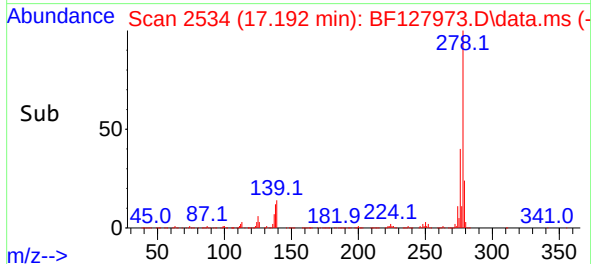
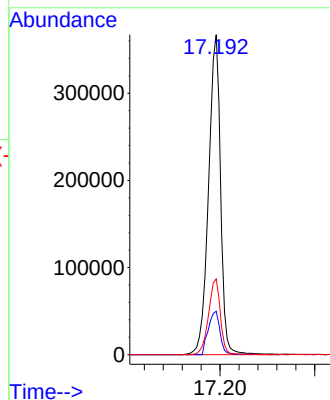
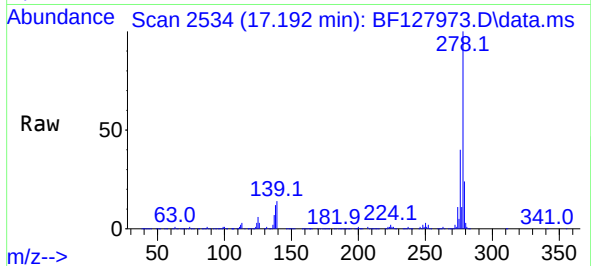
279 23.6 18.9 28.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/29/2022

Supervised By :Jagrut Upadhyay 04/29/2022



#92

Benzo(g,h,i)perylene

Concen: 46.948 ng

RT: 17.645 min Scan# 2611

Delta R.T. 0.006 min

Lab File: BF127973.D

Acq: 28 Apr 2022 11:23

Tgt Ion:276 Resp: 659599

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 18.3 16.2 24.2

