

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128093.D
 Acq On : 05 May 2022 14:33
 Operator : CG\JU
 Sample : PB144601BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144601BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/06/2022
 Supervised By : mohammad ahmed 05/09/2022

Quant Time: May 05 18:00:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	104912	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	416268	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	236591	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	442412	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	310461	20.000	ng	0.00
86) Perylene-d12	15.592	264	244094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	715702	108.659	ng	0.01
7) Phenol-d6	6.545	99	929216	108.722	ng	0.00
23) Nitrobenzene-d5	7.475	82	678323	76.627	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	288799	121.258	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1104487	78.976	ng	0.00
79) Terphenyl-d14	13.027	244	1360429	80.127	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.834	88	90653	28.846	ng	98
3) Pyridine	3.587	79	246473	30.609	ng	97
4) n-Nitrosodimethylamine	3.552	42	154499	39.639	ng	99
6) Aniline	6.575	93	375461	36.975	ng	100
8) 2-Chlorophenol	6.693	128	278373	40.720	ng	99
9) Benzaldehyde	6.463	77	183266	34.662	ng	96
10) Phenol	6.557	94	344619m	39.979	ng	
11) bis(2-Chloroethyl)ether	6.645	93	280596	39.241	ng	98
12) 1,3-Dichlorobenzene	6.845	146	299760	38.093	ng	95
13) 1,4-Dichlorobenzene	6.928	146	304813	38.806	ng	99
14) 1,2-Dichlorobenzene	7.075	146	293604	40.378	ng	99
15) Benzyl Alcohol	7.051	79	272805	46.938	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	410015	37.517	ng	99
17) 2-Methylphenol	7.157	107	229054	38.833	ng	97
18) Hexachloroethane	7.416	117	116462	40.331	ng	95
19) n-Nitroso-di-n-propyla...	7.322	70	211336	40.394	ng	98
20) 3+4-Methylphenols	7.310	107	274317	38.498	ng	90
22) Acetophenone	7.322	105	389210	38.362	ng	97
24) Nitrobenzene	7.492	77	333730	39.124	ng	99
25) Isophorone	7.734	82	600036	40.274	ng	99
26) 2-Nitrophenol	7.810	139	147837	40.672	ng	92
27) 2,4-Dimethylphenol	7.840	122	248512	41.161	ng	96
28) bis(2-Chloroethoxy)met...	7.939	93	343322	35.956	ng	97
29) 2,4-Dichlorophenol	8.051	162	231872	36.659	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	262310	36.509	ng	99
31) Naphthalene	8.216	128	785096	37.031	ng	100
32) Benzoic acid	7.975	122	133675	30.890	ng	95
33) 4-Chloroaniline	8.263	127	251140	29.938	ng	99
34) Hexachlorobutadiene	8.322	225	174076	38.465	ng	97
35) Caprolactam	8.639	113	76350m	37.395	ng	
36) 4-Chloro-3-methylphenol	8.745	107	255447	37.815	ng	98
37) 2-Methylnaphthalene	8.904	142	531305	37.919	ng	97
38) 1-Methylnaphthalene	9.004	142	504842	37.068	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	260777	37.395	ng	98
41) Hexachlorocyclopentadiene	9.051	237	311993	82.577	ng	99
43) 2,4,6-Trichlorophenol	9.181	196	169213	36.877	ng	98

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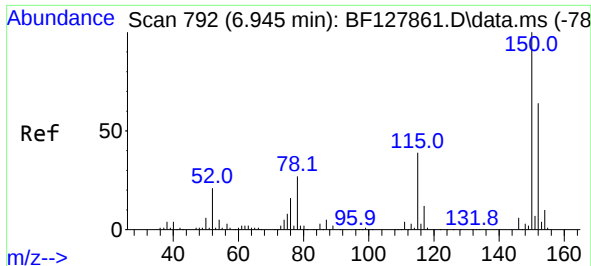
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	181023	36.291	ng	95
46) 1,1'-Biphenyl	9.369	154	654225	37.330	ng	99
47) 2-Chloronaphthalene	9.398	162	484128	36.287	ng	99
48) 2-Nitroaniline	9.498	65	178696	39.596	ng	97
49) Acenaphthylene	9.816	152	782968	38.366	ng	100
50) Dimethylphthalate	9.669	163	581069	36.621	ng	99
51) 2,6-Dinitrotoluene	9.739	165	136514	39.737	ng	94
52) Acenaphthene	9.986	154	566719m	41.305	ng	
53) 3-Nitroaniline	9.910	138	112406	29.465	ng	97
54) 2,4-Dinitrophenol	10.022	184	149324	82.535	ng	91
55) Dibenzofuran	10.157	168	712265	35.982	ng	98
56) 4-Nitrophenol	10.075	139	197665	67.855	ng	91
57) 2,4-Dinitrotoluene	10.145	165	182441	40.092	ng	# 89
58) Fluorene	10.504	166	558288	37.796	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.275	232	152825	36.434	ng	98
60) Diethylphthalate	10.369	149	581052	37.345	ng	100
61) 4-Chlorophenyl-phenyle...	10.492	204	272752	37.159	ng	99
62) 4-Nitroaniline	10.528	138	141051	37.819	ng	95
63) Azobenzene	10.651	77	624670	36.486	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	102650	39.049	ng	89
66) n-Nitrosodiphenylamine	10.610	169	491391	35.696	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	178639	36.424	ng	99
68) Hexachlorobenzene	11.051	284	199750	38.657	ng	# 88
69) Atrazine	11.139	200	178646	41.968	ng	99
70) Pentachlorophenol	11.245	266	200090	65.822	ng	98
71) Phenanthrene	11.469	178	850447	36.723	ng	100
72) Anthracene	11.522	178	860442	37.299	ng	99
73) Carbazole	11.675	167	784848	35.300	ng	99
74) Di-n-butylphthalate	11.998	149	938523	37.540	ng	99
75) Fluoranthene	12.663	202	913289	37.471	ng	96
77) Benzidine	12.780	184	452550	77.038	ng	99
78) Pyrene	12.892	202	934318	37.280	ng	99
80) Butylbenzylphthalate	13.498	149	386415	39.337	ng	99
81) Benzo(a)anthracene	14.080	228	789112	38.134	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	199077	30.299	ng	99
83) Chrysene	14.121	228	731071	36.992	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	517833	39.752	ng	98
85) Di-n-octyl phthalate	14.668	149	794903	39.376	ng	100
87) Indeno(1,2,3-cd)pyrene	17.121	276	576495	35.384	ng	97
88) Benzo(b)fluoranthene	15.145	252	660476	43.080	ng	99
89) Benzo(k)fluoranthene	15.180	252	596597	38.625	ng	98
90) Benzo(a)pyrene	15.527	252	581414	45.719	ng	98
91) Dibenzo(a,h)anthracene	17.139	278	497660	38.086	ng	97
92) Benzo(g,h,i)perylene	17.592	276	507092	36.825	ng	96

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



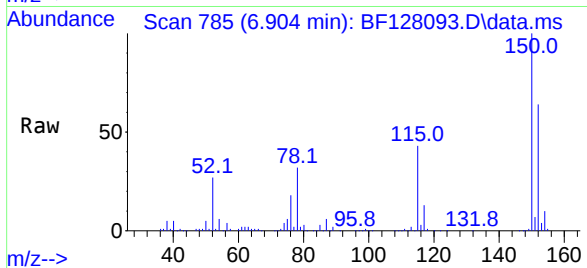
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

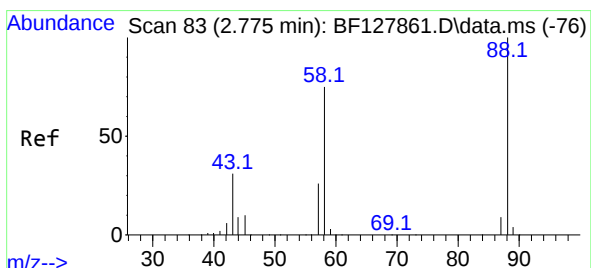
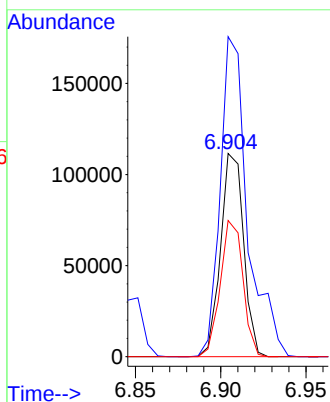
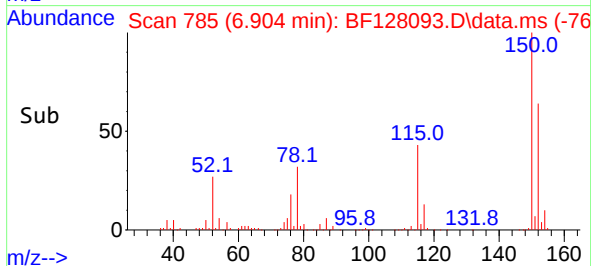


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Ion Ratio Lower Upper
152 100
150 157.4 125.3 187.9
115 67.0 48.8 73.2

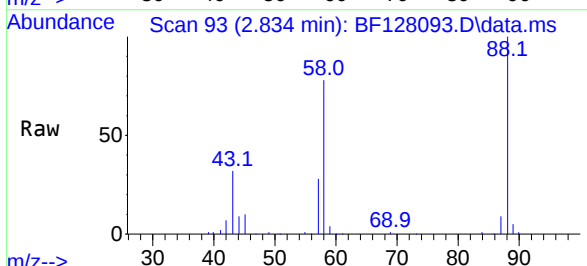
Manual Integrations

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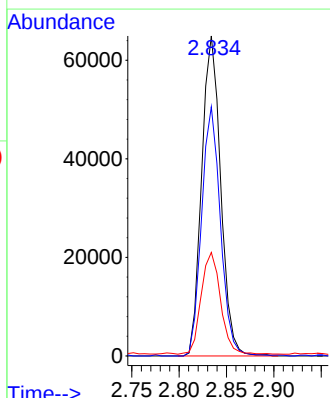
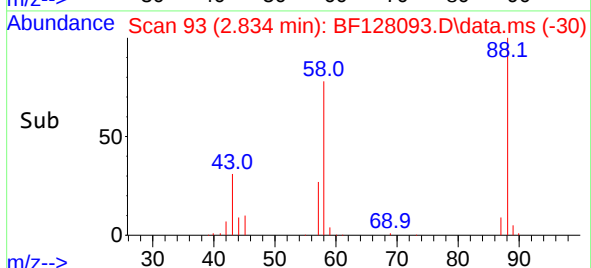
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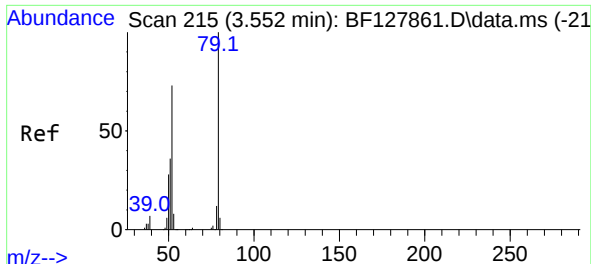


#2
1,4-Dioxane
Concen: 28.846 ng
RT: 2.834 min Scan# 93
Delta R.T. 0.071 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



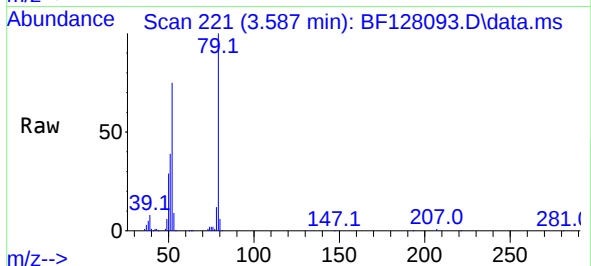
Tgt Ion: 88 Resp: 90653
Ion Ratio Lower Upper
88 100
58 77.6 61.0 91.4
43 32.6 24.9 37.3





#3
Pyridine
Concen: 30.609 ng
RT: 3.587 min Scan# 215
Delta R.T. 0.059 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

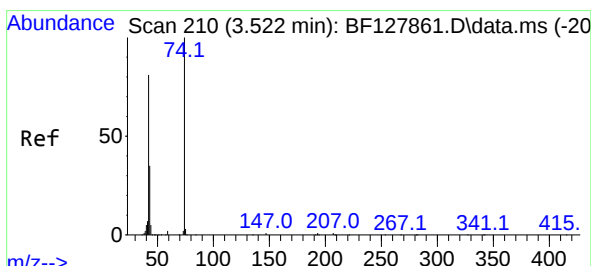
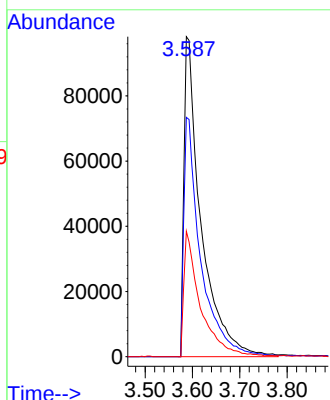
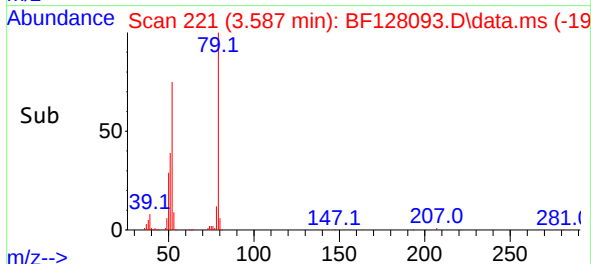
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BNA_F
ClientSampleId :
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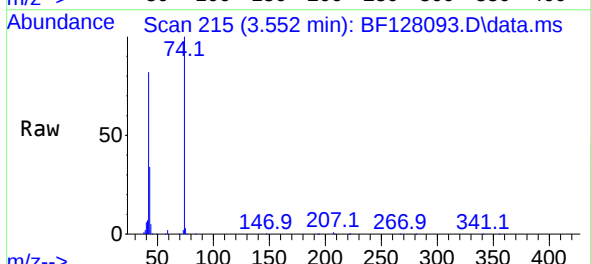
Tgt Ion: 79 Resp: 24647
Ion Ratio Lower Upper
79 100
52 74.8 58.3 87.5
51 39.2 28.6 42.8

Manual Integrations
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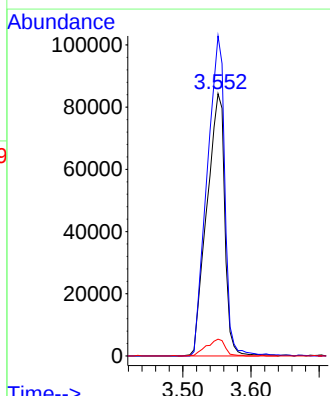
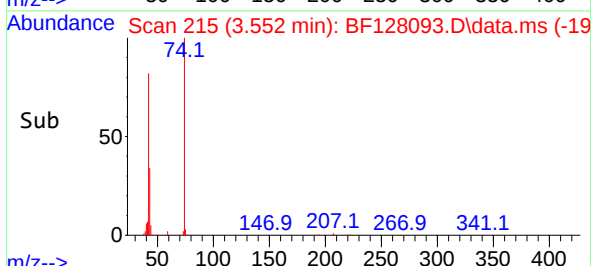
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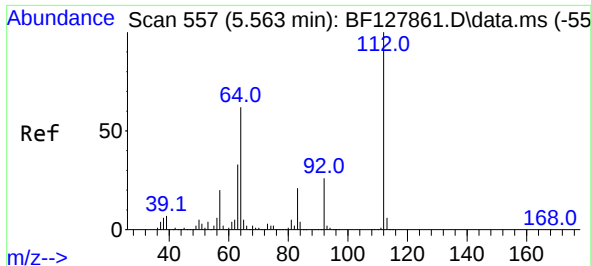


#4
n-Nitrosodimethylamine
Concen: 39.639 ng
RT: 3.552 min Scan# 215
Delta R.T. 0.041 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion: 42 Resp: 154499
Ion Ratio Lower Upper
42 100
74 122.0 99.0 148.4
44 6.4 5.2 7.8





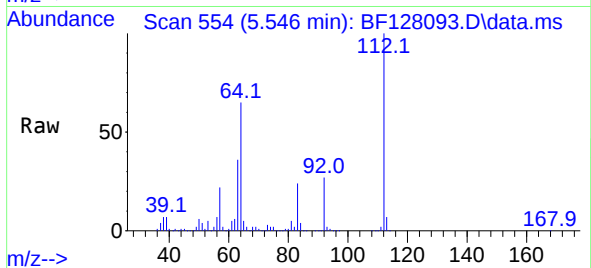
#5
2-Fluorophenol
Concen: 108.659 ng
RT: 5.546 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

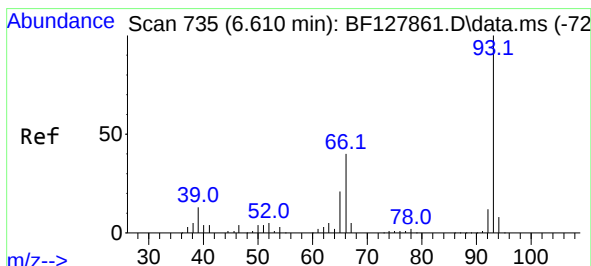
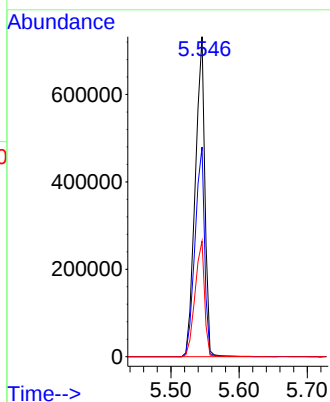
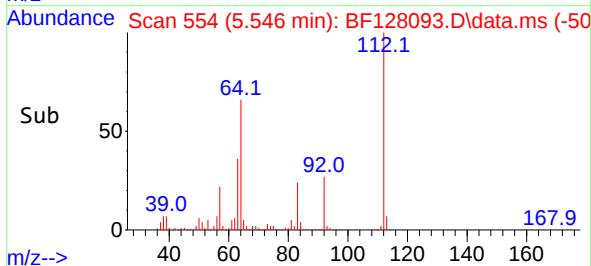


Tgt Ion:112 Resp: 715702
Ion Ratio Lower Upper
112 100
64 65.5 49.5 74.3
63 36.1 26.3 39.5

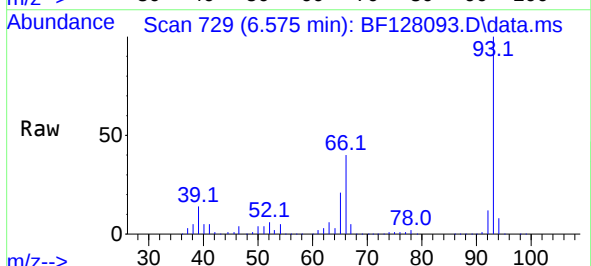
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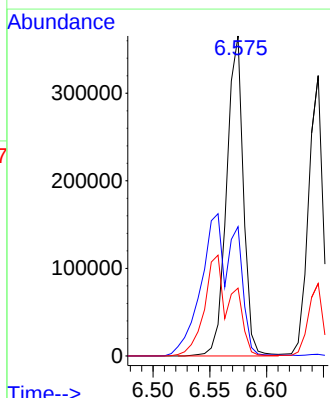
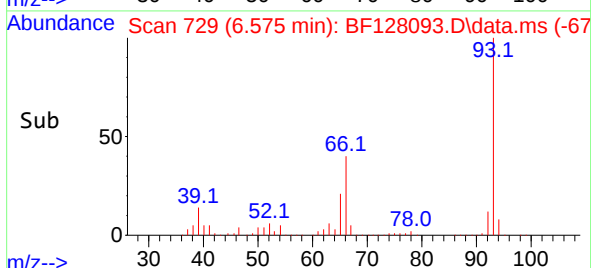
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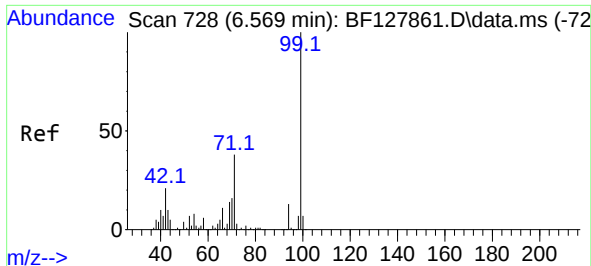


#6
Aniline
Concen: 36.975 ng
RT: 6.575 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



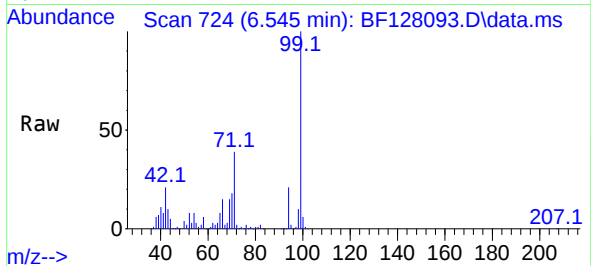
Tgt Ion: 93 Resp: 375461
Ion Ratio Lower Upper
93 100
66 40.4 32.2 48.4
65 21.2 16.7 25.1





#7
Phenol-d6
Concen: 108.722 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

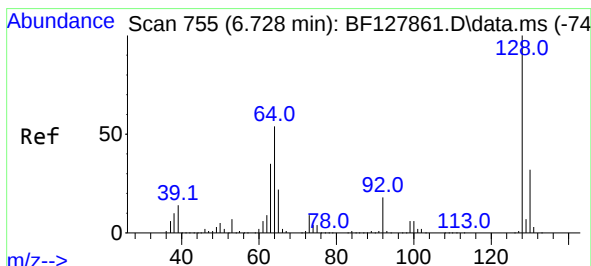
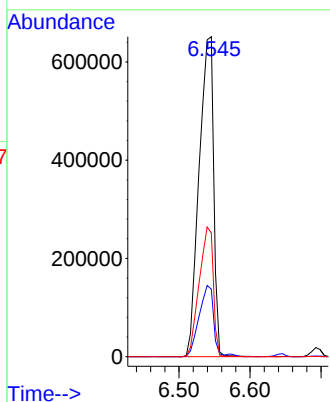
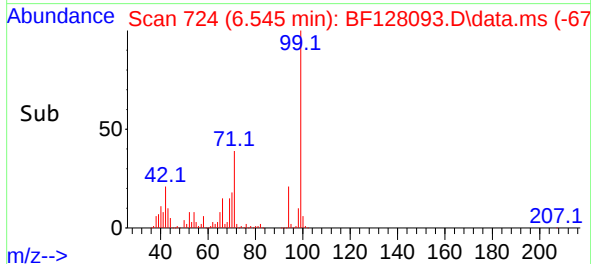
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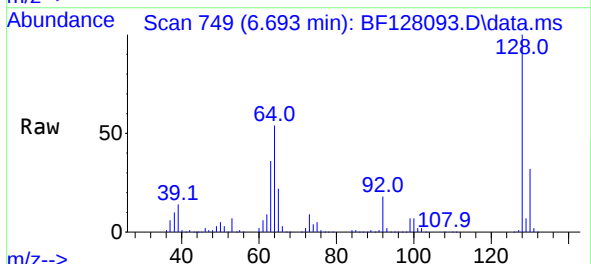
Tgt Ion: 99 Resp: 929210
Ion Ratio Lower Upper
99 100
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71 38.6 30.0 45.0

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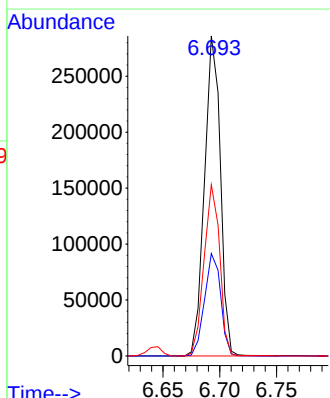
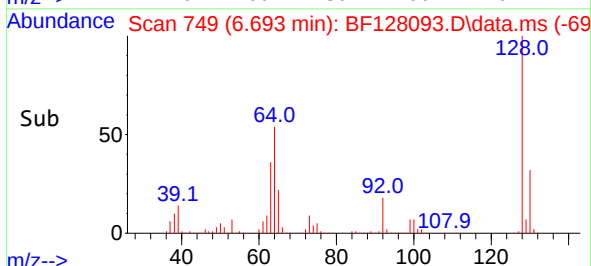
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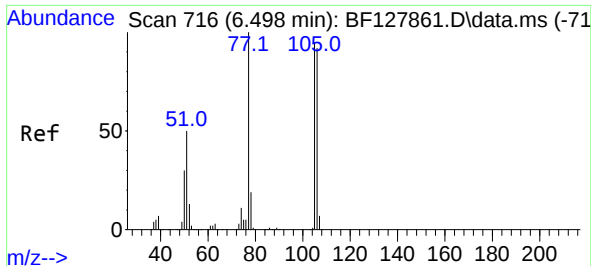


#8
2-Chlorophenol
Concen: 40.720 ng
RT: 6.693 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



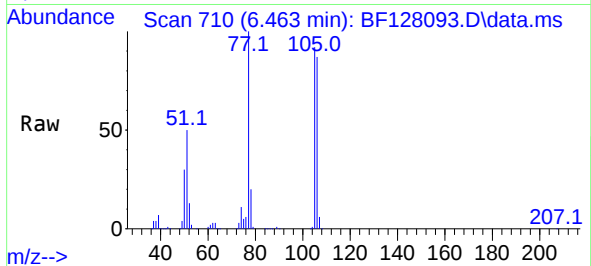
Tgt Ion:128 Resp: 278373
Ion Ratio Lower Upper
128 100
130 32.0 11.6 51.6
64 53.5 33.8 73.8





#9
Benzaldehyde
Concen: 34.662 ng
RT: 6.463 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

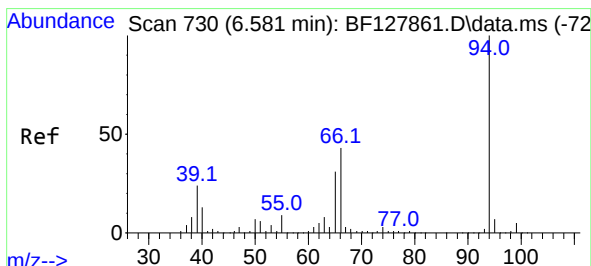
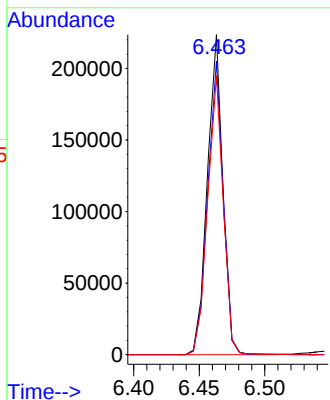
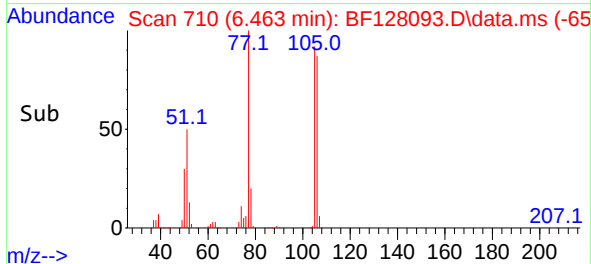
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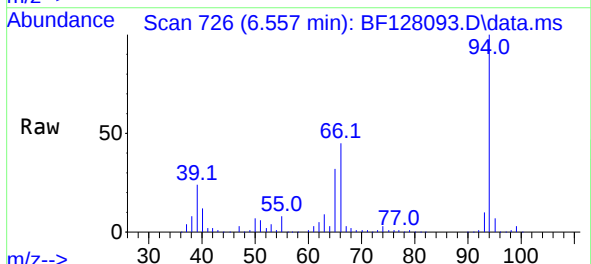
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Ion Ratio Lower Upper
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105 91.8 74.9 114.9
106 87.3 72.2 112.2

Manual Integrations
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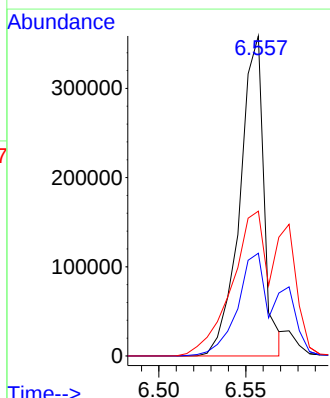
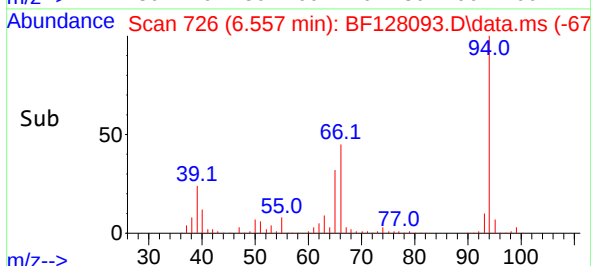
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

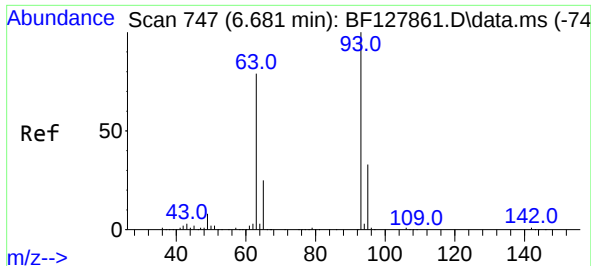


#10
Phenol
Concen: 39.979 ng m
RT: 6.557 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion: 94 Resp: 344619
Ion Ratio Lower Upper
94 100
65 32.1 10.6 50.6
66 45.3 22.6 62.6





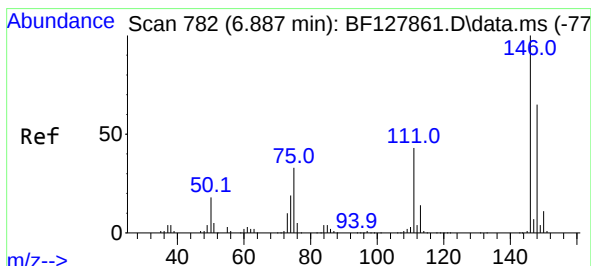
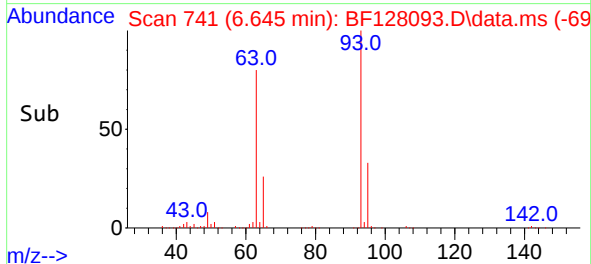
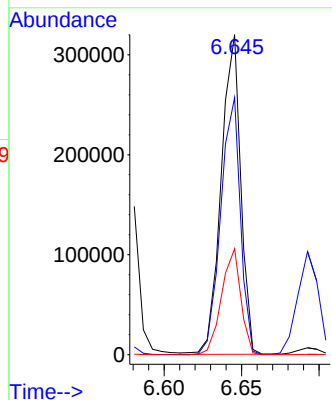
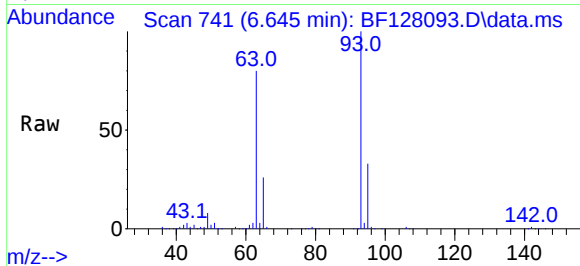
#11
bis(2-Chloroethyl)ether
Concen: 39.241 ng
RT: 6.645 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :
BNA_F
ClientSampleId :
PB144601BS

Tgt Ion: 93 Resp: 280590
Ion Ratio Lower Upper
93 100
63 80.3 58.6 98.6
95 33.1 12.9 52.9

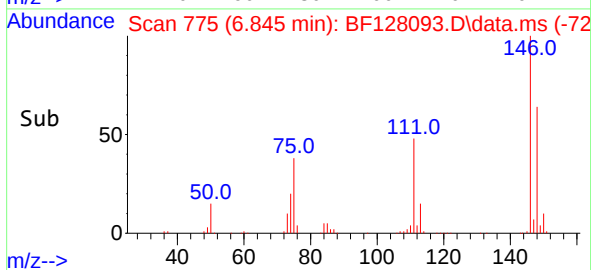
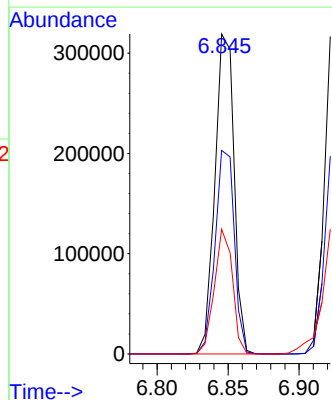
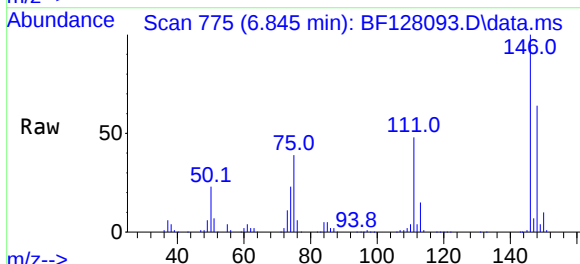
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

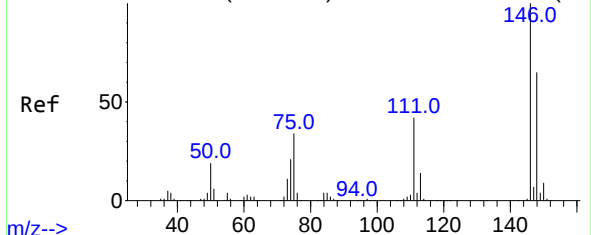


#12
1,3-Dichlorobenzene
Concen: 38.093 ng
RT: 6.845 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Tgt Ion:146 Resp: 299760
Ion Ratio Lower Upper
146 100
148 63.6 52.1 78.1
75 39.0 26.2 39.4

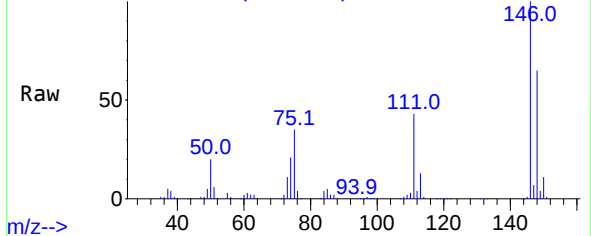


Abundance Scan 795 (6.963 min): BF127861.D\data.ms (-78



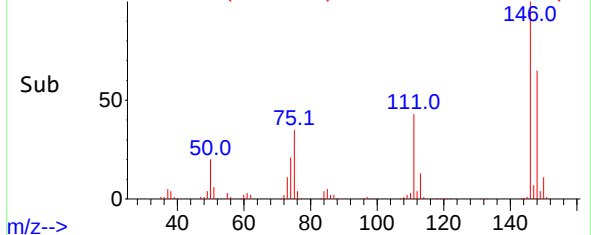
m/z-->

Abundance Scan 789 (6.928 min): BF128093.D\data.ms



m/z-->

Abundance Scan 789 (6.928 min): BF128093.D\data.ms (-73



m/z-->

#13

1,4-Dichlorobenzene

Concen: 38.806 ng

RT: 6.928 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF128093.D

Acq: 05 May 2022 14:33

Tgt Ion:146 Resp: 304811

Ion Ratio Lower Upper

146 100

148 64.9 52.3 78.5

111 43.3 33.9 50.9

Instrument :

BNA_F

ClientSampleId :

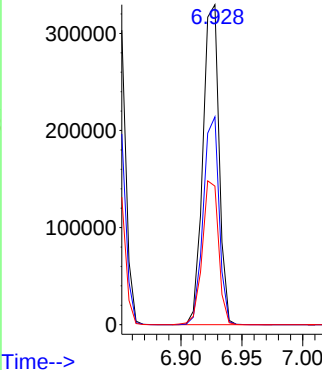
PB144601BS

Manual Integrations

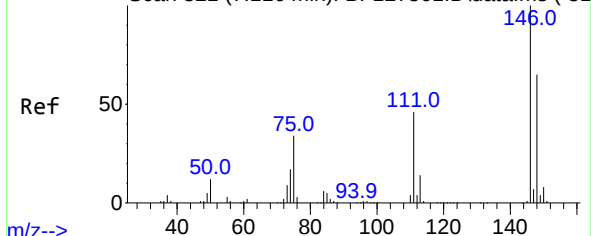
APPROVED

Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

Abundance

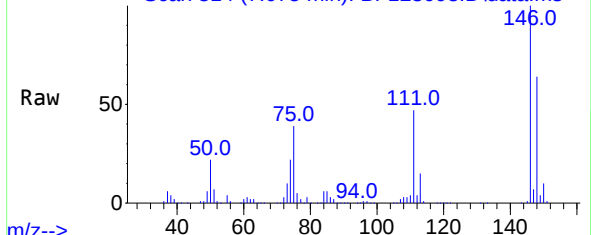


Abundance Scan 821 (7.116 min): BF127861.D\data.ms (-81



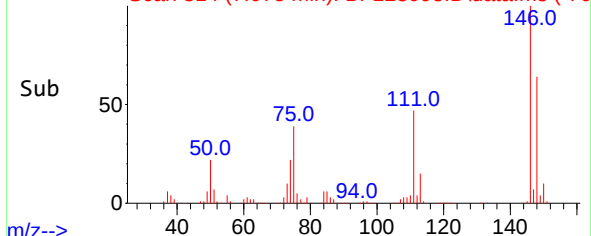
m/z-->

Abundance Scan 814 (7.075 min): BF128093.D\data.ms



m/z-->

Abundance Scan 814 (7.075 min): BF128093.D\data.ms (-76



m/z-->

#14

1,2-Dichlorobenzene

Concen: 40.378 ng

RT: 7.075 min Scan# 814

Delta R.T. -0.006 min

Lab File: BF128093.D

Acq: 05 May 2022 14:33

Tgt Ion:146 Resp: 293604

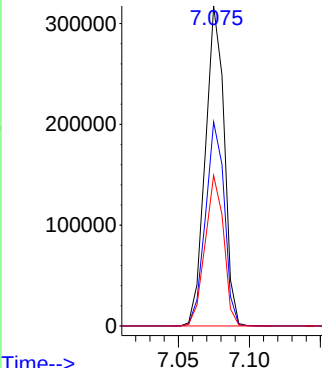
Ion Ratio Lower Upper

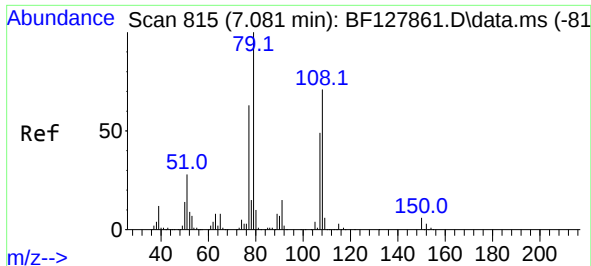
146 100

148 63.7 51.8 77.6

111 47.0 36.6 55.0

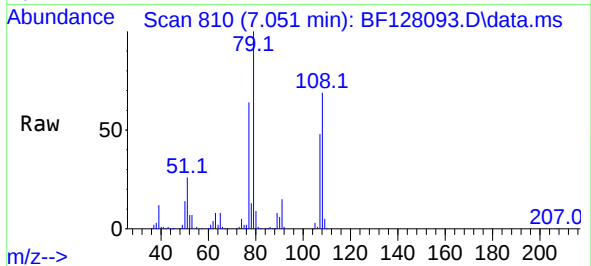
Abundance





#15
Benzyl Alcohol
Concen: 46.938 ng
RT: 7.051 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

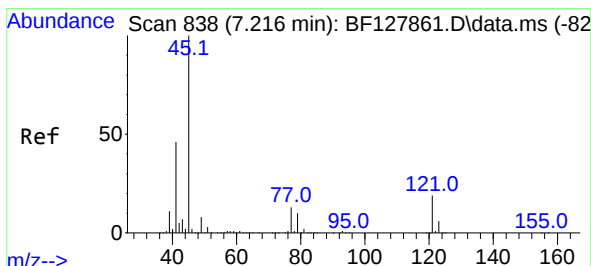
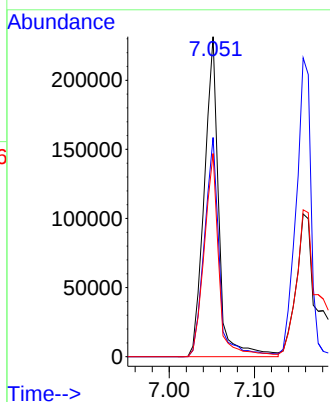
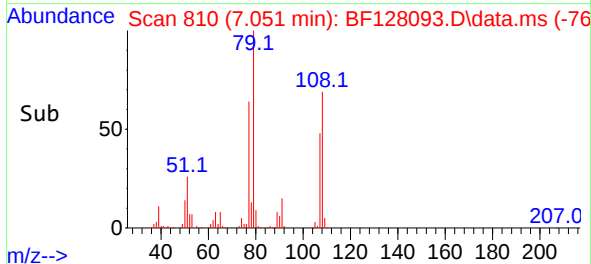
Instrument :
BNA_F
ClientSampleId :
PB144601BS



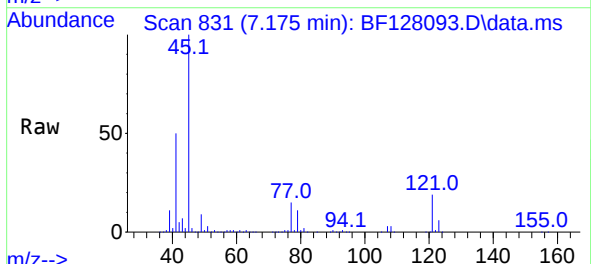
Tgt Ion: 79 Resp: 272805
Ion Ratio Lower Upper
79 100
108 68.5 57.0 85.6
77 63.5 50.2 75.4

Manual Integrations
APPROVED

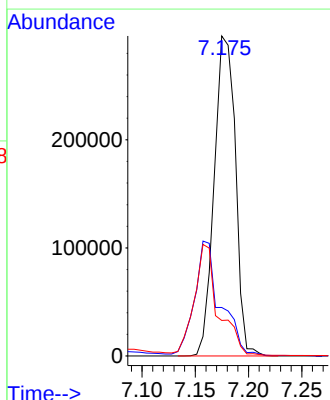
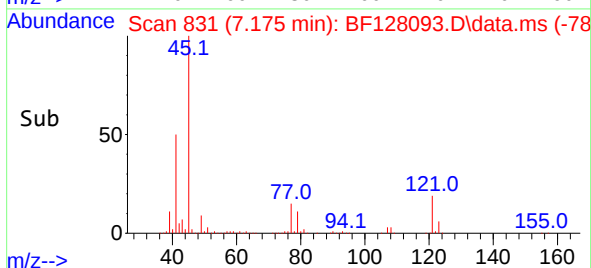
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

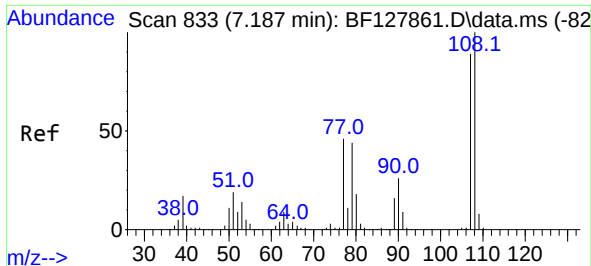


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.517 ng
RT: 7.175 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion: 45 Resp: 410015
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.9
79 11.1 0.0 31.6





#17
2-Methylphenol
Concen: 38.833 ng
RT: 7.157 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

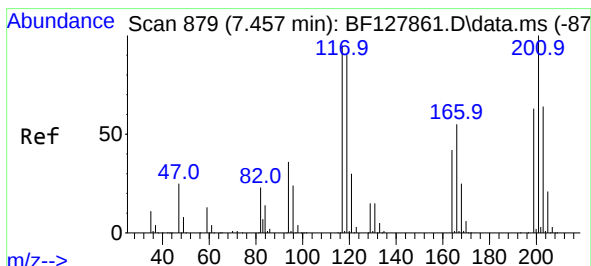
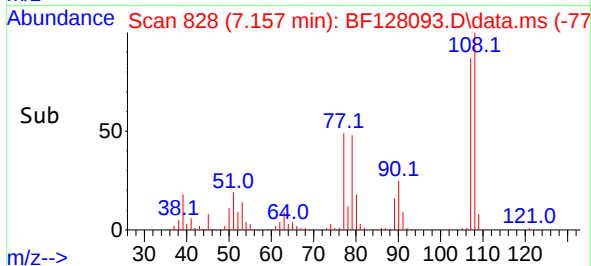
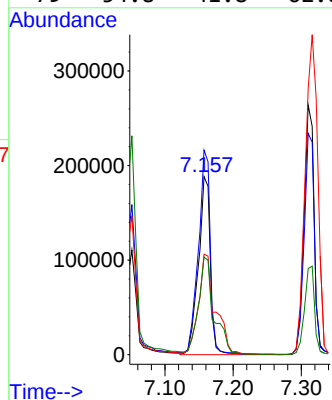
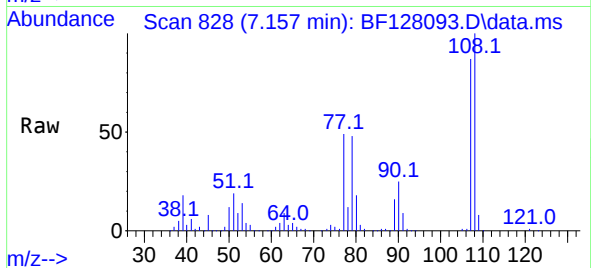
PB144601BS

Tgt Ion:107 Resp: 229054
Ion Ratio Lower Upper
107 100
108 114.8 90.2 135.2
77 56.4 41.9 62.9
79 54.8 41.8 62.8

Manual Integrations

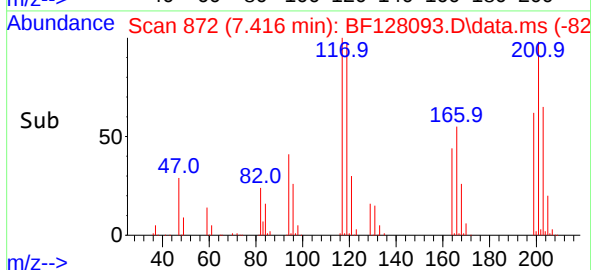
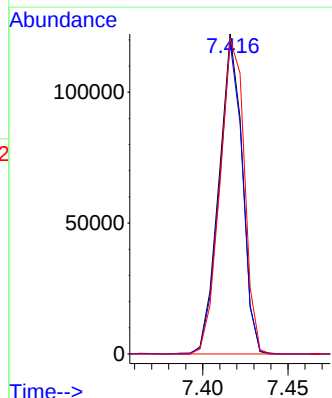
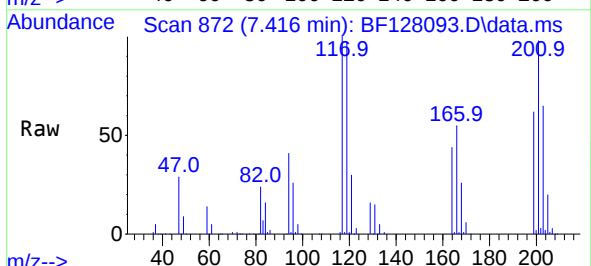
APPROVED

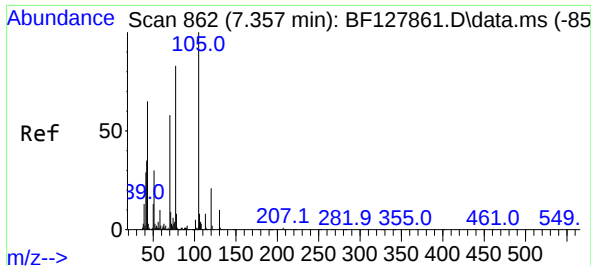
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#18
Hexachloroethane
Concen: 40.331 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Tgt Ion:117 Resp: 116462
Ion Ratio Lower Upper
117 100
119 97.4 76.2 114.4
201 98.5 84.4 126.6





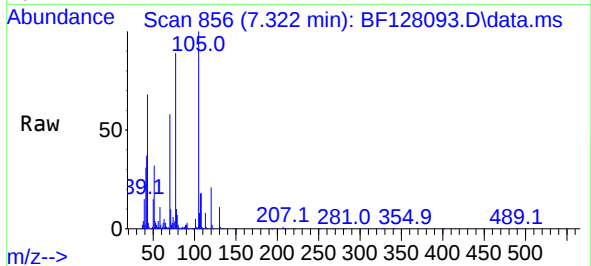
#19
n-Nitroso-di-n-propylamine
Concen: 40.394 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

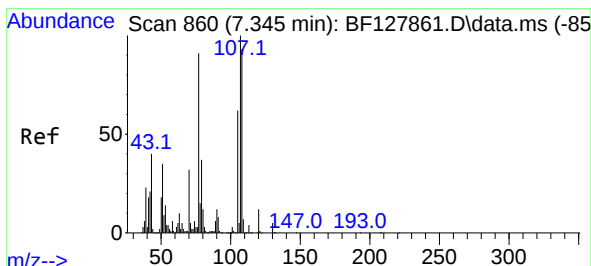
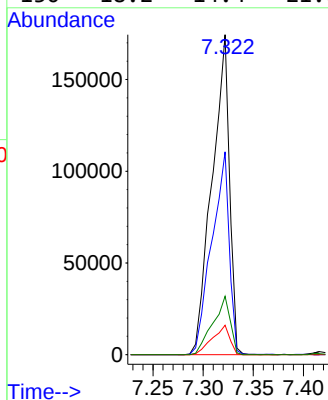
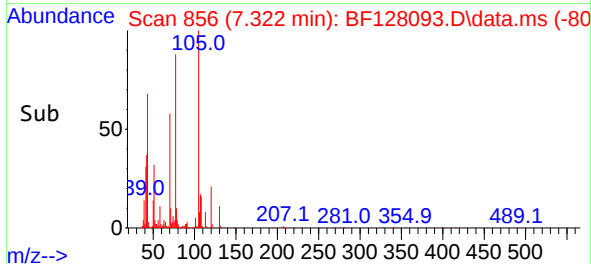


Tgt Ion: 70 Resp: 211330
Ion Ratio Lower Upper
70 100
42 63.4 48.7 73.1
101 9.2 7.2 10.8
130 18.2 14.4 21.6

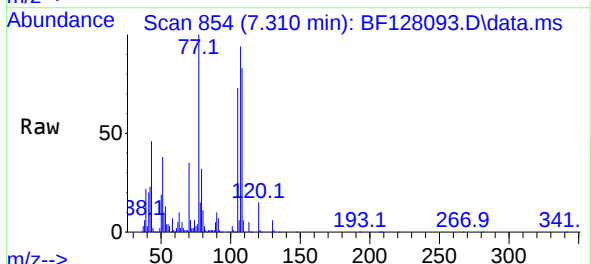
Manual Integrations

APPROVED

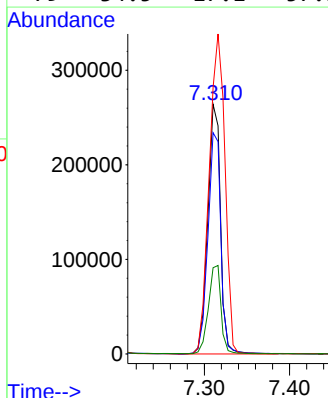
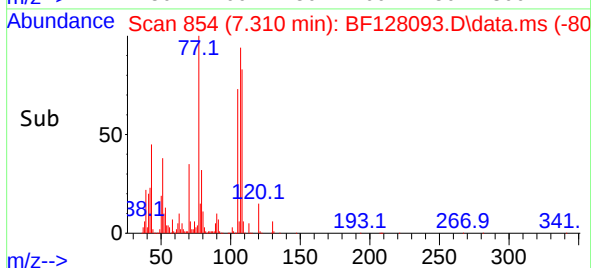
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

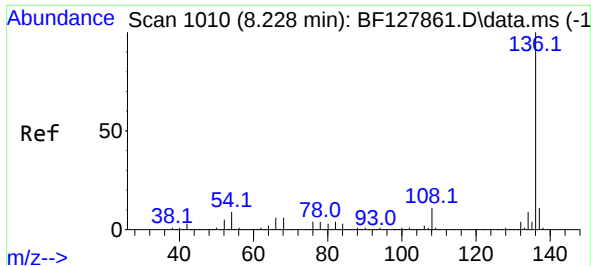


#20
3+4-Methylphenols
Concen: 38.498 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion:107 Resp: 274317
Ion Ratio Lower Upper
107 100
108 88.7 73.4 113.4
77 106.7 71.1 111.1
79 34.5 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

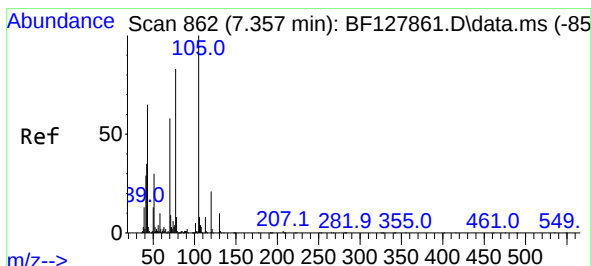
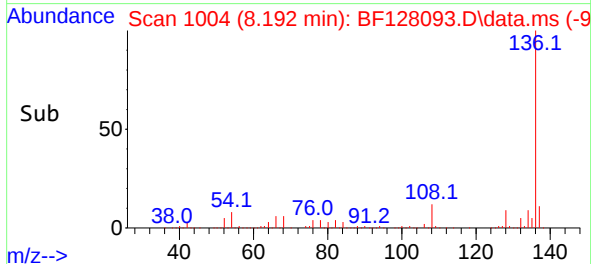
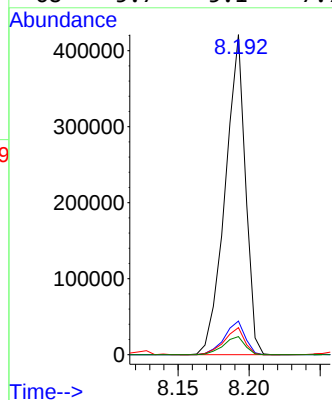
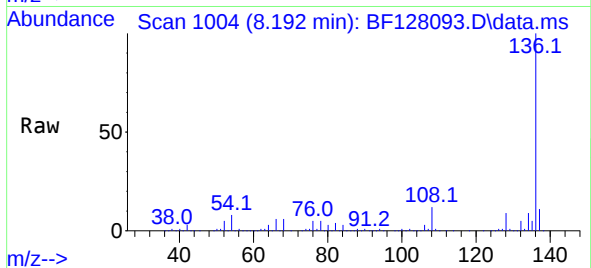
PB144601BS

Tgt Ion:136 Resp: 416268
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.5 6.8 10.2
68 5.7 5.1 7.7

Manual Integrations

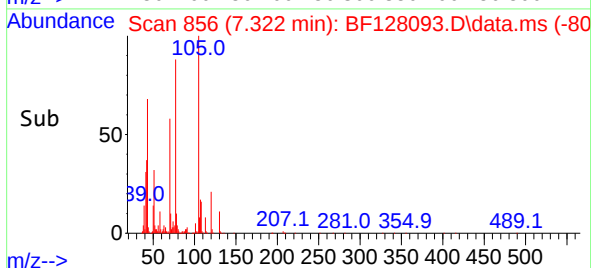
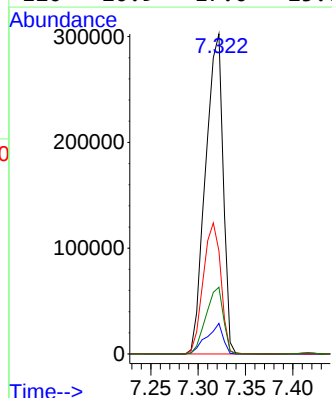
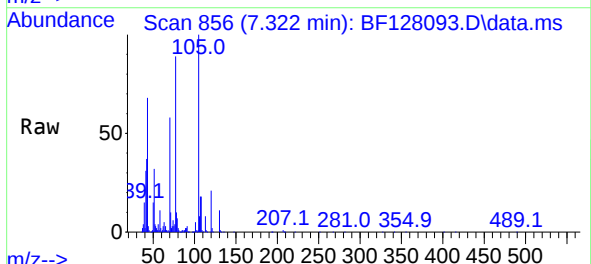
APPROVED

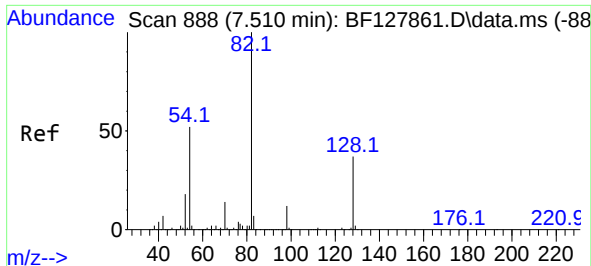
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#22
Acetophenone
Concen: 38.362 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Tgt Ion:105 Resp: 389210
Ion Ratio Lower Upper
105 100
71 9.6 7.3 10.9
51 32.2 23.7 35.5
120 20.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 76.627 ng

RT: 7.475 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF128093.D

Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

Tgt Ion: 82 Resp: 67832

Ion Ratio Lower Upper

82 100

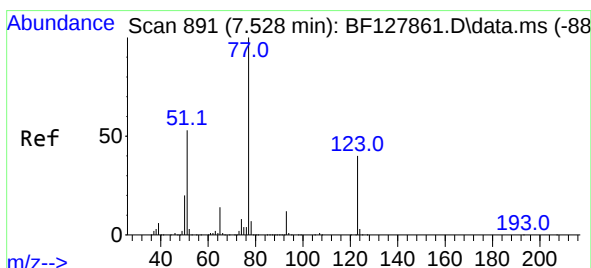
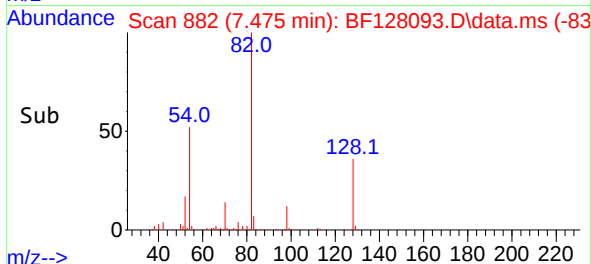
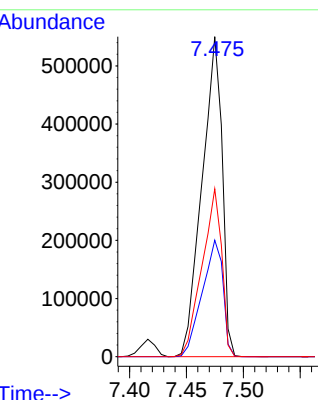
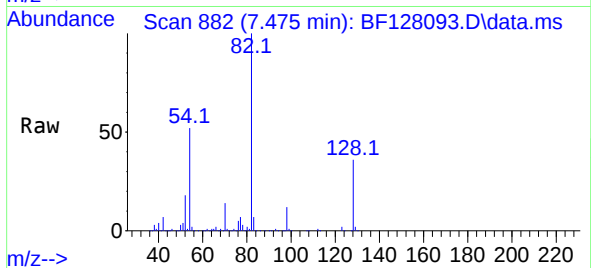
128 36.4 30.0 45.0

54 52.5 41.3 61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#24

Nitrobenzene

Concen: 39.124 ng

RT: 7.492 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF128093.D

Acq: 05 May 2022 14:33

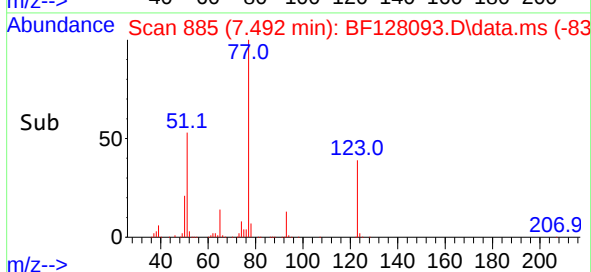
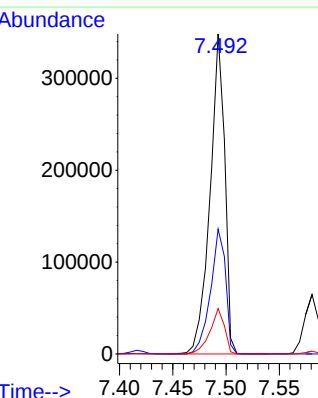
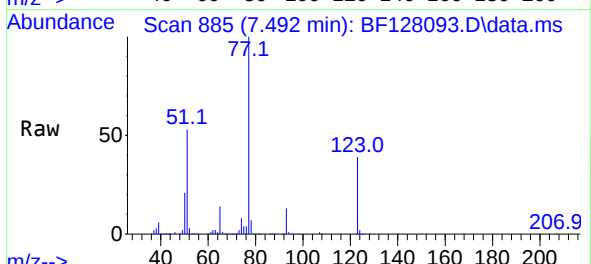
Tgt Ion: 77 Resp: 333730

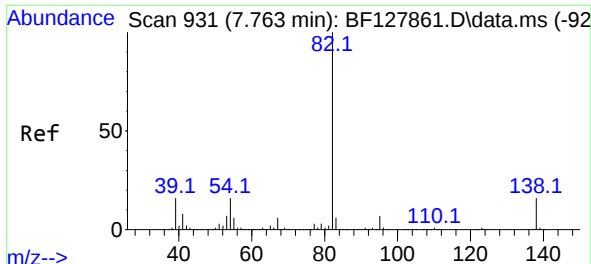
Ion Ratio Lower Upper

77 100

123 39.1 32.0 48.0

65 14.2 11.0 16.6





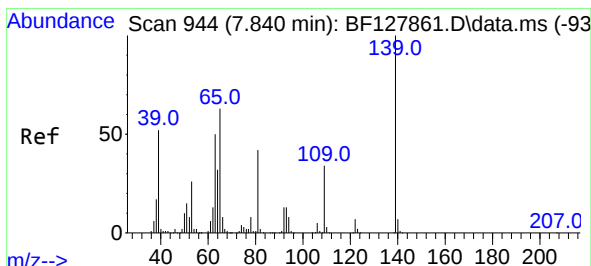
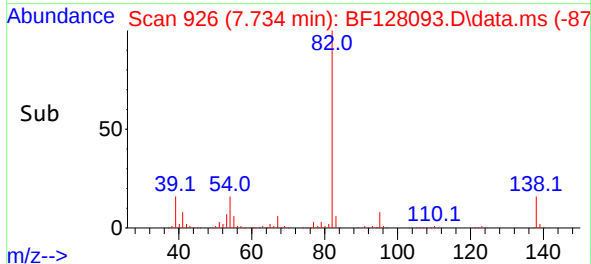
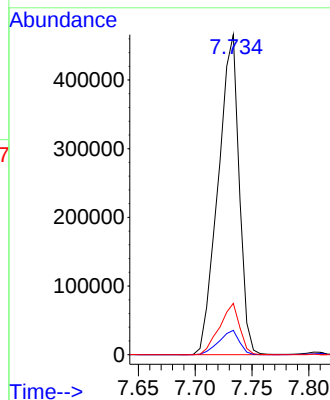
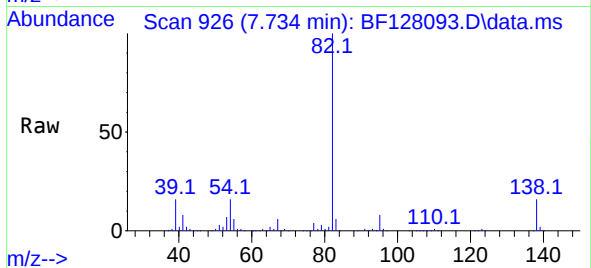
#25
Isophorone
Concen: 40.274 ng
RT: 7.734 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :
BNA_F
ClientSampleId :
PB144601BS

Tgt Ion: 82 Resp: 600030
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 16.1 12.5 18.7

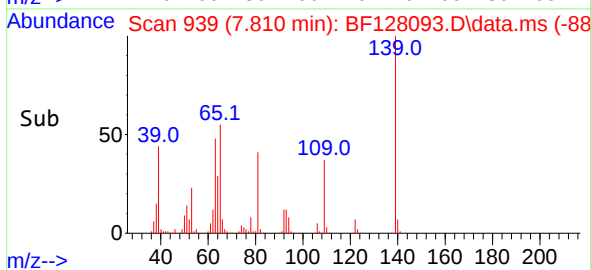
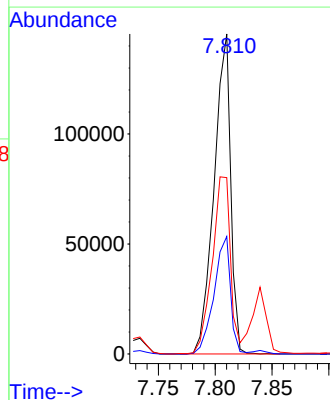
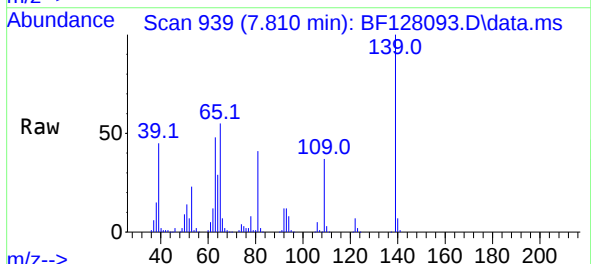
Manual Integrations
APPROVED

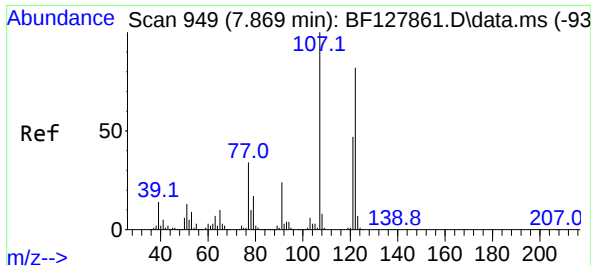
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#26
2-Nitrophenol
Concen: 40.672 ng
RT: 7.810 min Scan# 939
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

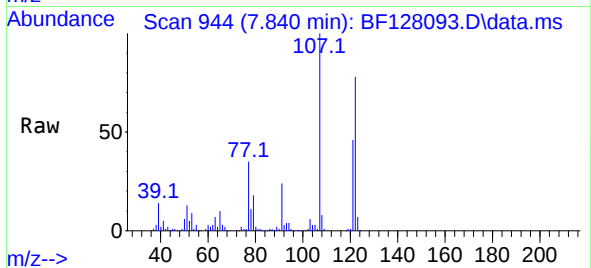
Tgt Ion:139 Resp: 147837
Ion Ratio Lower Upper
139 100
109 36.7 27.4 41.2
65 55.1 50.8 76.2





#27
2,4-Dimethylphenol
Concen: 41.161 ng
RT: 7.840 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

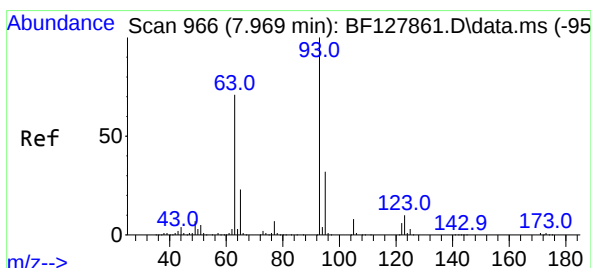
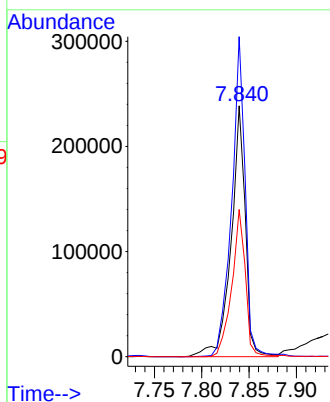
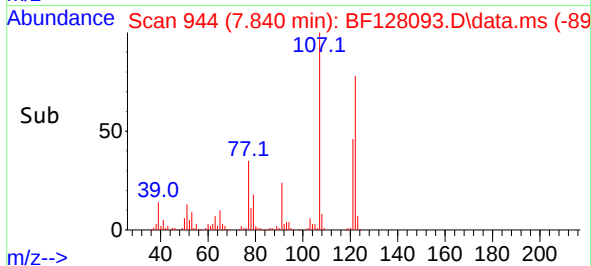
Instrument :
BNA_F
ClientSampleId :
PB144601BS



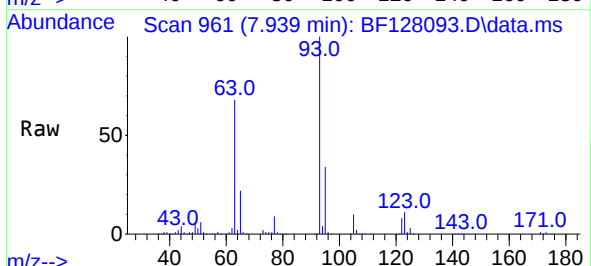
Tgt Ion:122 Resp: 248512
Ion Ratio Lower Upper
122 100
107 127.5 97.5 146.3
121 58.6 46.0 69.0

Manual Integrations
APPROVED

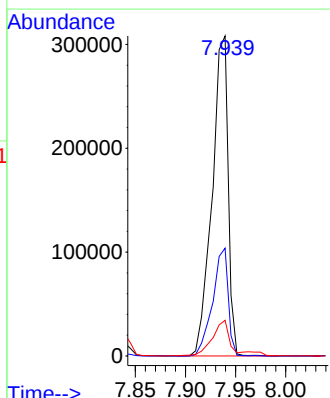
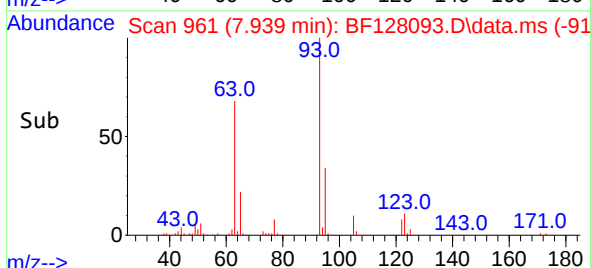
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

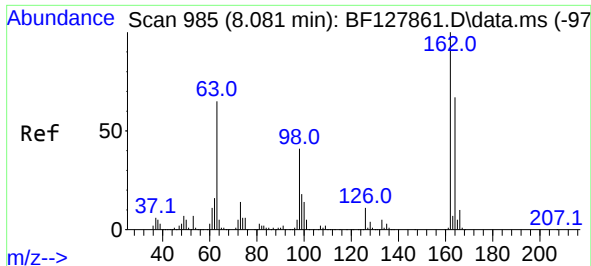


#28
bis(2-Chloroethoxy)methane
Concen: 35.956 ng
RT: 7.939 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



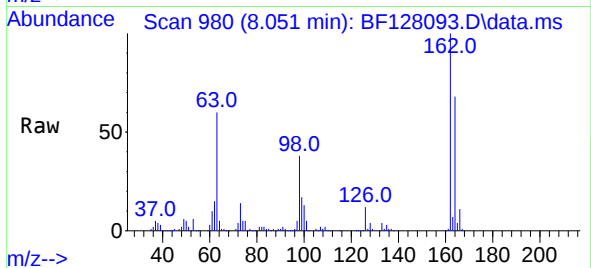
Tgt Ion: 93 Resp: 343322
Ion Ratio Lower Upper
93 100
95 33.7 25.7 38.5
123 11.2 8.3 12.5





#29
2,4-Dichlorophenol
Concen: 36.659 ng
RT: 8.051 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

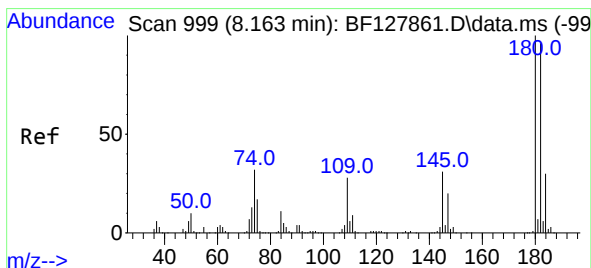
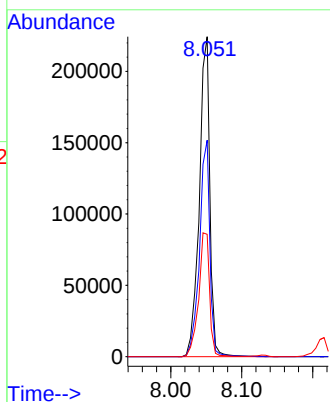
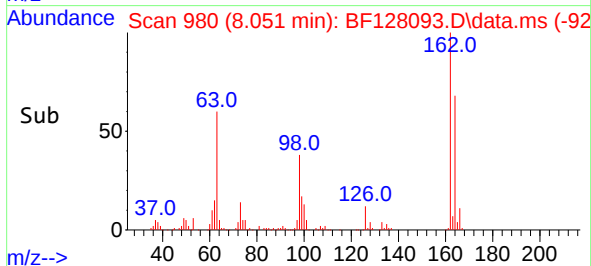
Instrument :
BNA_F
ClientSampleId :
PB144601BS



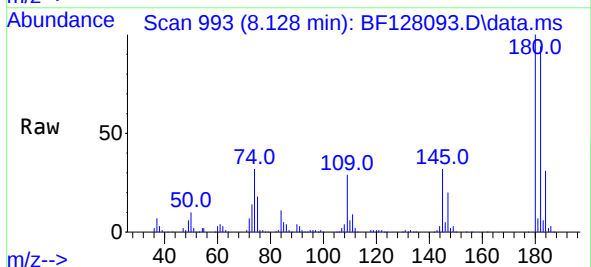
Tgt Ion:162 Resp: 231872
Ion Ratio Lower Upper
162 100
164 67.6 47.1 87.1
98 38.3 20.7 60.7

Manual Integrations
APPROVED

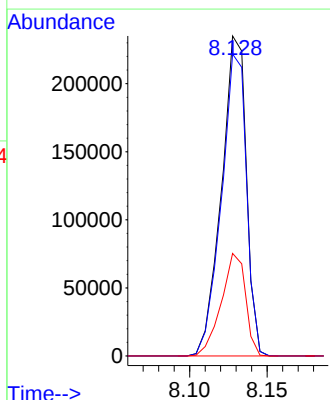
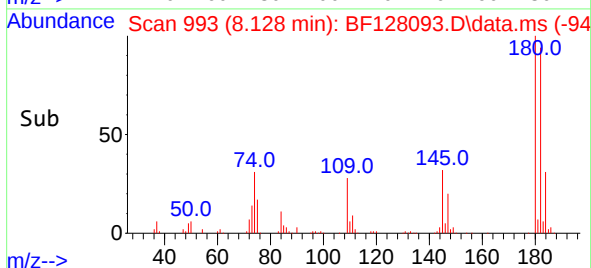
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

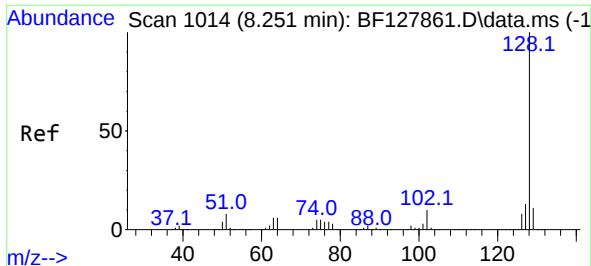


#30
1,2,4-Trichlorobenzene
Concen: 36.509 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion:180 Resp: 262310
Ion Ratio Lower Upper
180 100
182 94.3 76.4 114.6
145 32.1 25.1 37.7





#31
Naphthalene
Concen: 37.031 ng
RT: 8.216 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

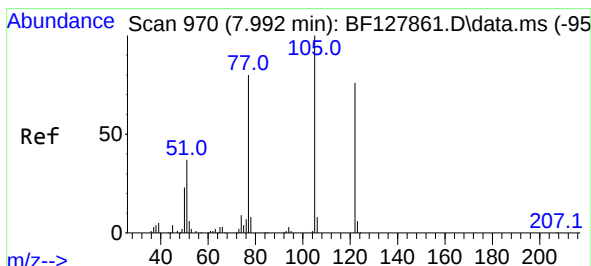
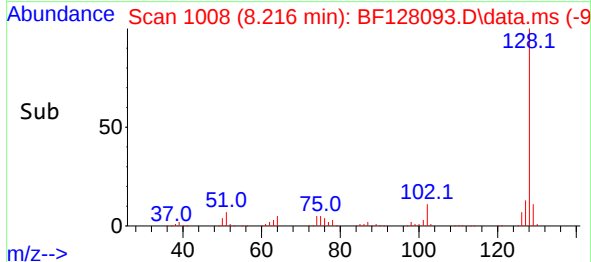
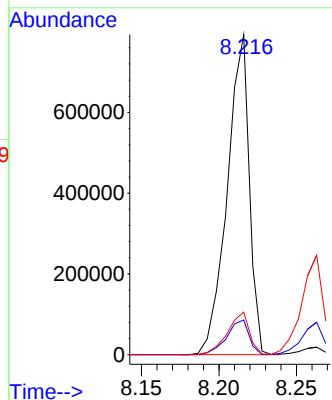
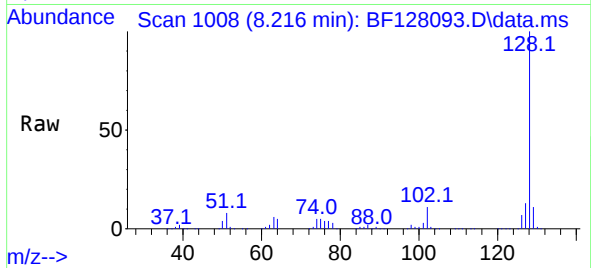
PB144601BS

Tgt Ion:128 Resp: 785090
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.3 10.6 16.0

Manual Integrations

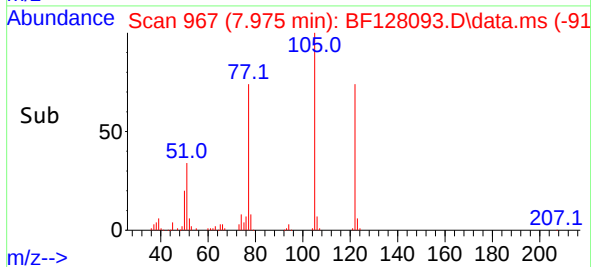
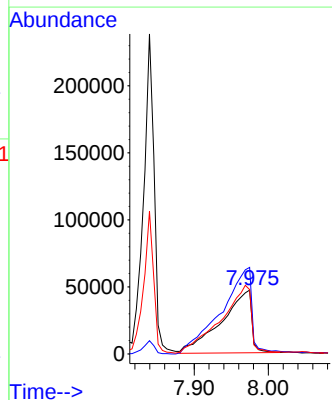
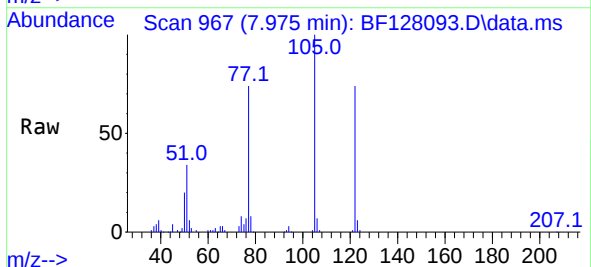
APPROVED

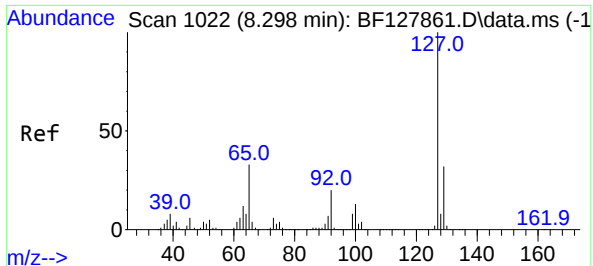
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#32
Benzoic acid
Concen: 30.890 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.012 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Tgt Ion:122 Resp: 133675
Ion Ratio Lower Upper
122 100
105 135.6 107.9 147.9
77 100.6 82.5 122.5





#33
4-Chloroaniline
Concen: 29.938 ng
RT: 8.263 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

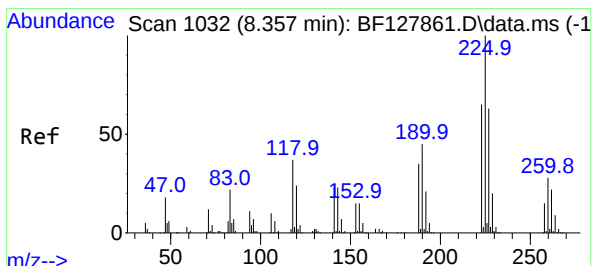
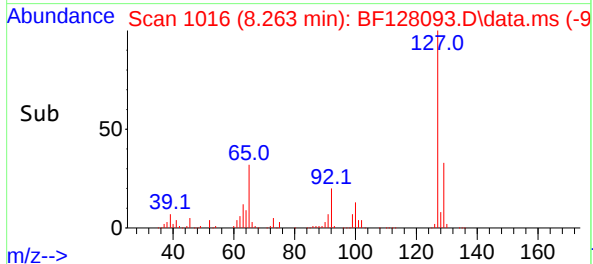
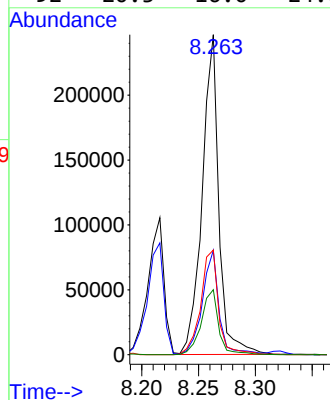
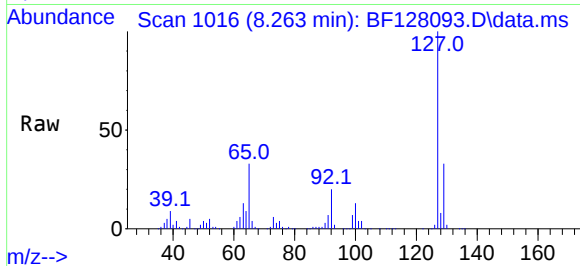
PB144601BS

Tgt Ion:127 Resp: 251140
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.8
65 32.7 26.7 40.1
92 20.3 16.0 24.0

Manual Integrations

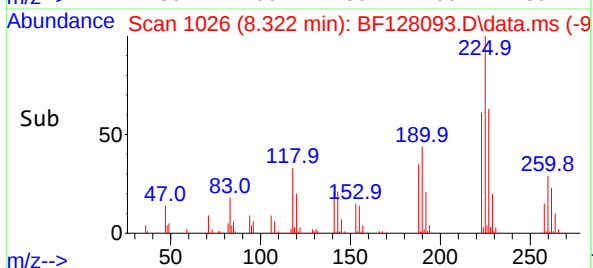
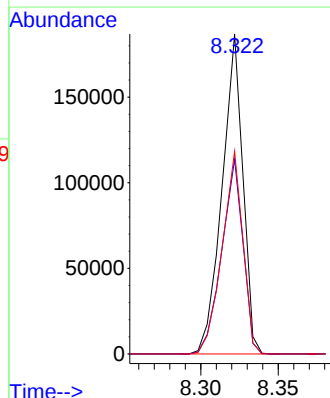
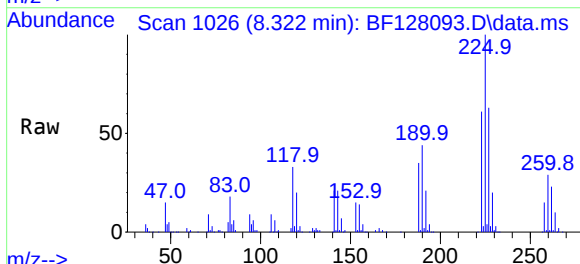
APPROVED

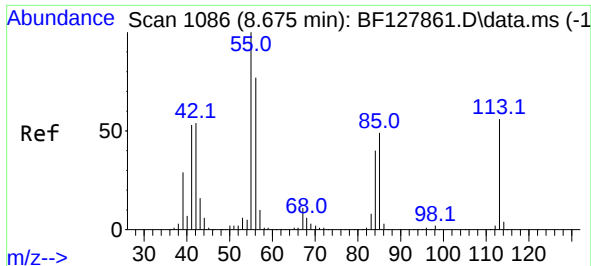
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#34
Hexachlorobutadiene
Concen: 38.465 ng
RT: 8.322 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Tgt Ion:225 Resp: 174076
Ion Ratio Lower Upper
225 100
223 60.8 52.0 78.0
227 63.4 50.7 76.1





#35
Caprolactam
Concen: 37.395 ng m
RT: 8.639 min Scan# 1086
Delta R.T. -0.018 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

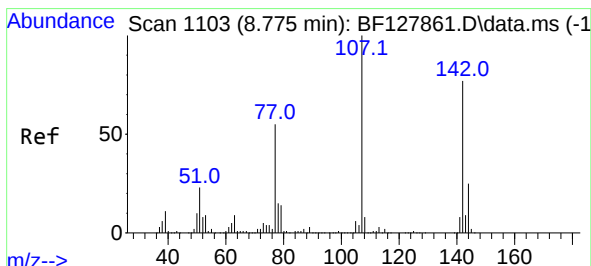
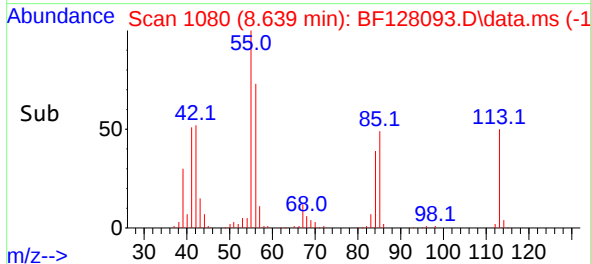
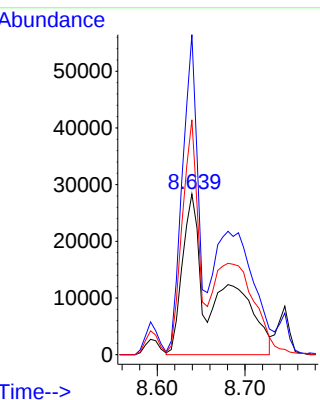
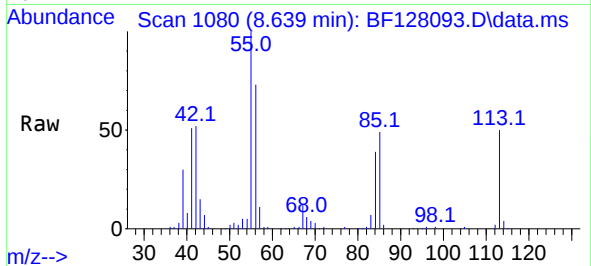
PB144601BS

Tgt Ion:113 Resp: 76350
Ion Ratio Lower Upper
113 100
55 199.3 157.4 197.4
56 146.3 116.1 156.1

Manual Integrations

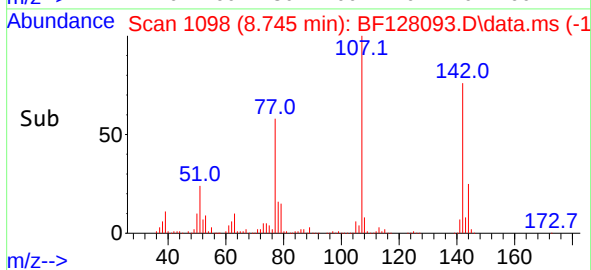
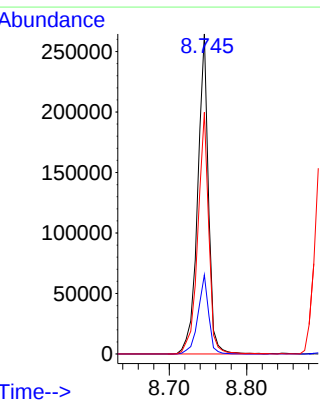
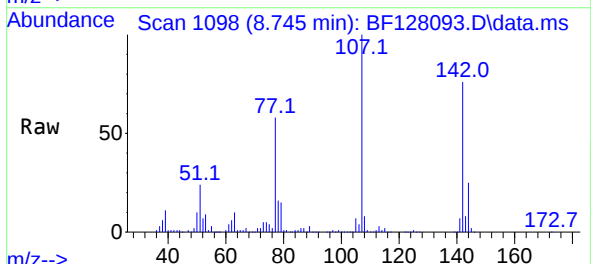
APPROVED

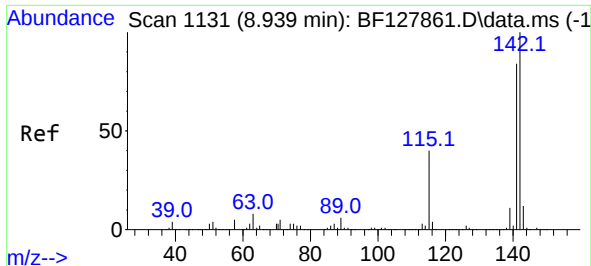
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#36
4-Chloro-3-methylphenol
Concen: 37.815 ng
RT: 8.745 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Tgt Ion:107 Resp: 255447
Ion Ratio Lower Upper
107 100
144 24.7 20.2 30.4
142 75.5 61.5 92.3





#37

2-Methylnaphthalene

Concen: 37.919 ng

RT: 8.904 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF128093.D

Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

Tgt Ion:142 Resp: 53130

Ion Ratio Lower Upper

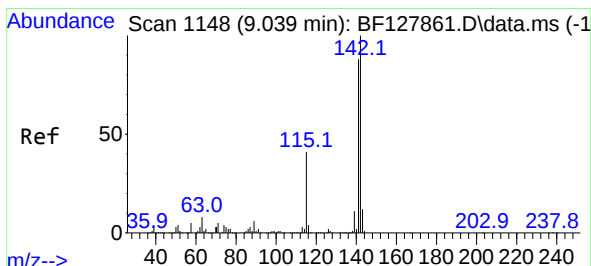
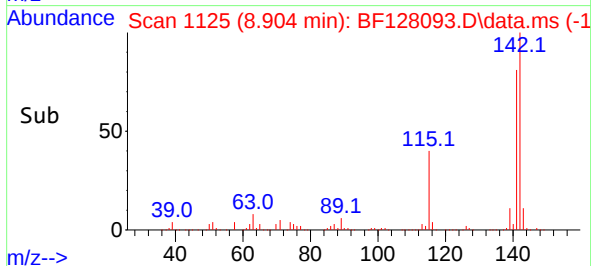
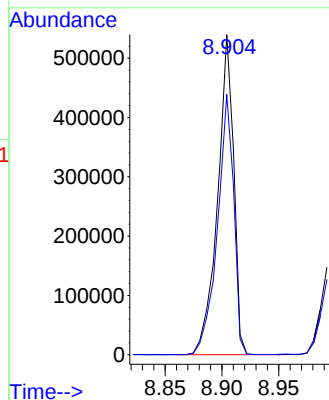
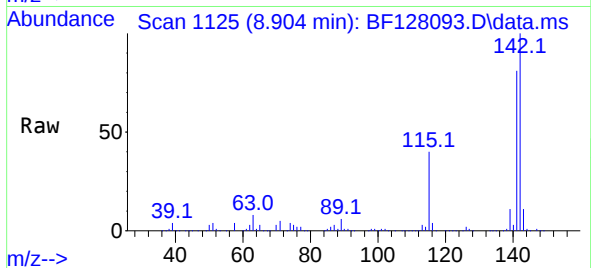
142 100

141 81.3 67.4 101.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#38

1-Methylnaphthalene

Concen: 37.068 ng

RT: 9.004 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BF128093.D

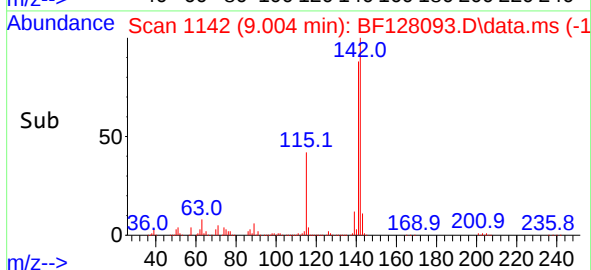
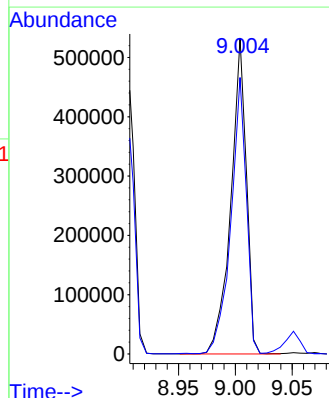
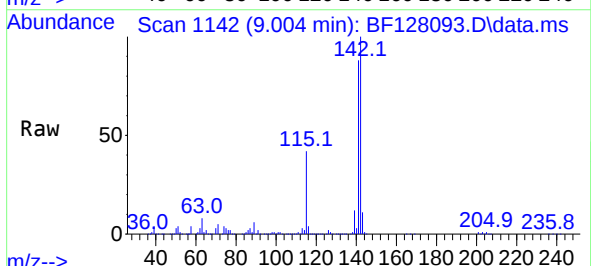
Acq: 05 May 2022 14:33

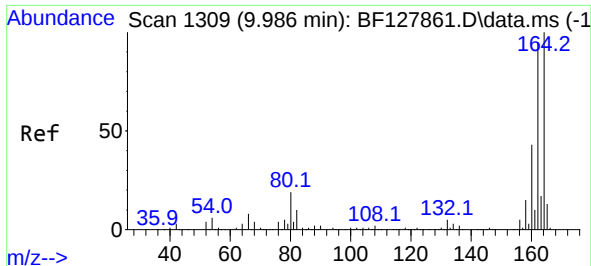
Tgt Ion:142 Resp: 504842

Ion Ratio Lower Upper

142 100

141 87.5 70.1 105.1





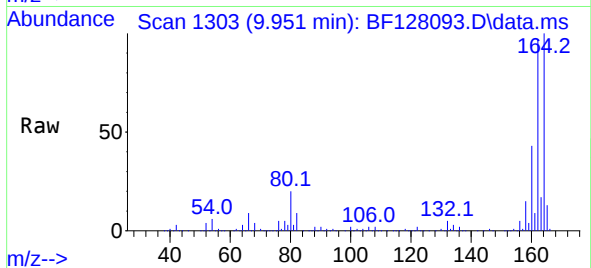
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

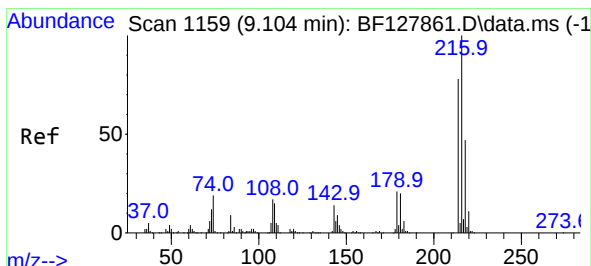
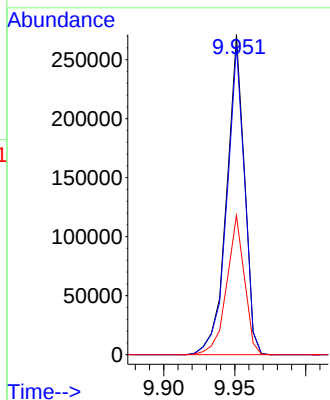
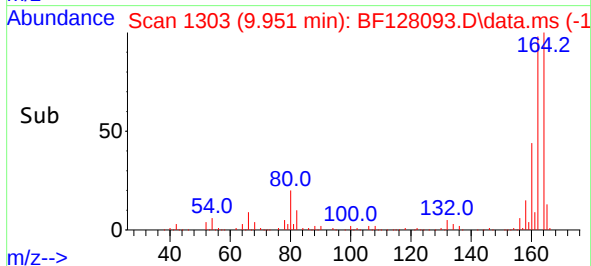


Tgt Ion:164 Resp: 23659
Ion Ratio Lower Upper
164 100
162 96.6 76.0 114.0
160 43.5 34.8 52.2

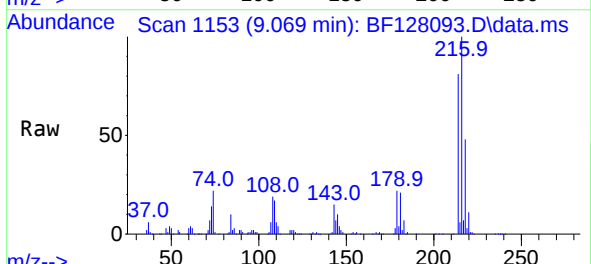
Manual Integrations

APPROVED

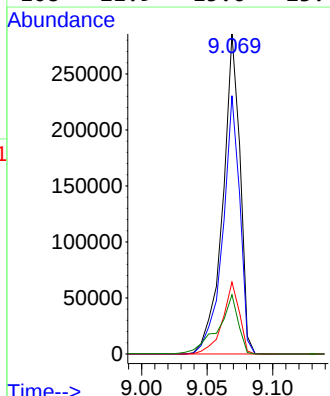
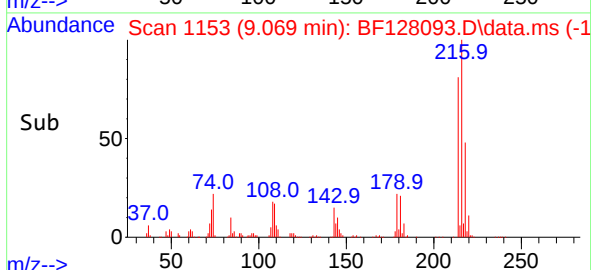
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

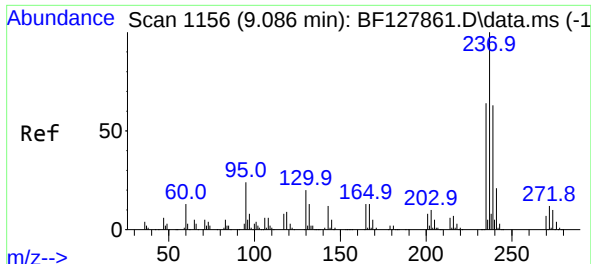


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.395 ng
RT: 9.069 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion:216 Resp: 260777
Ion Ratio Lower Upper
216 100
214 79.3 62.6 94.0
179 21.7 16.9 25.3
108 21.9 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 82.577 ng
RT: 9.051 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

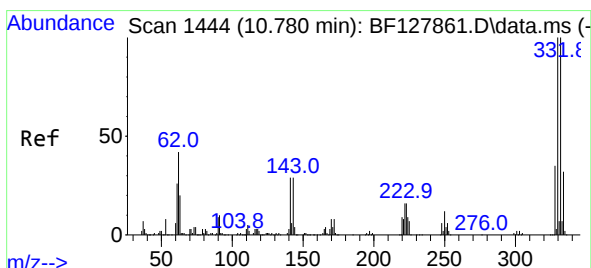
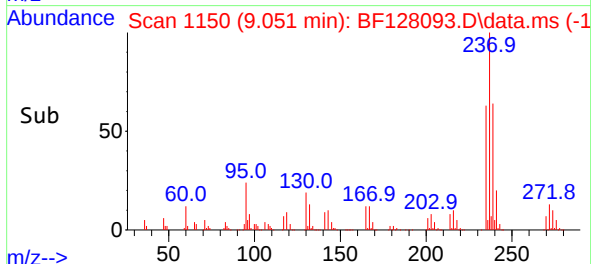
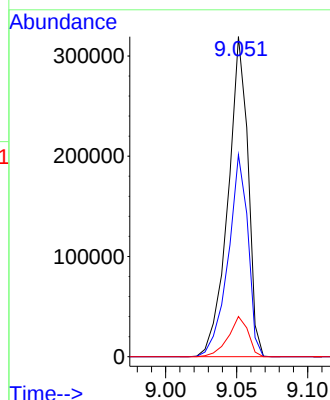
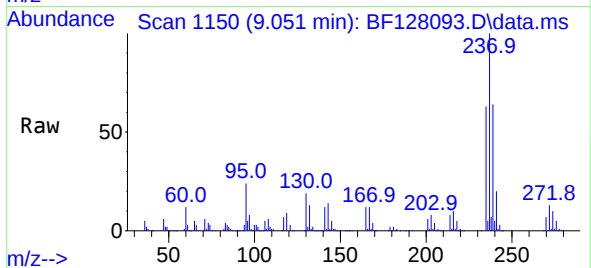
PB144601BS

Tgt Ion:237 Resp: 31199
Ion Ratio Lower Upper
237 100
235 63.1 43.6 83.6
272 12.6 0.0 32.1

Manual Integrations

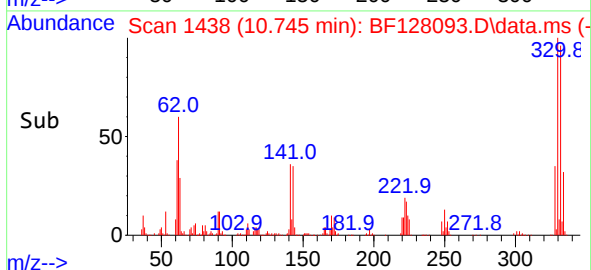
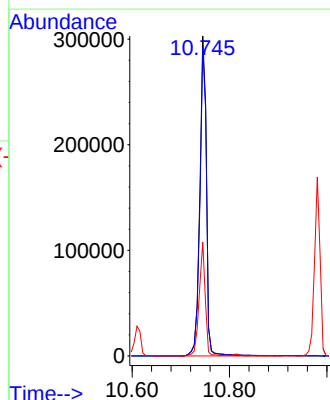
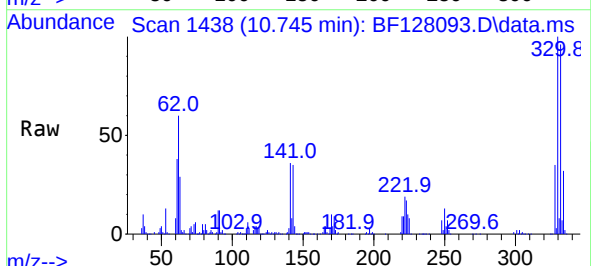
APPROVED

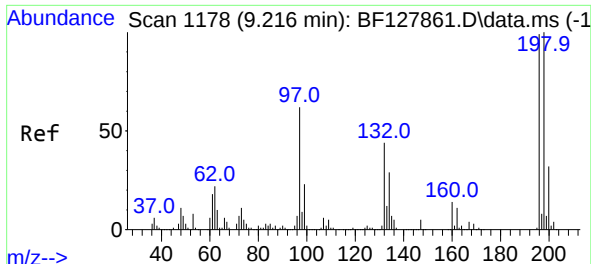
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#42
2,4,6-Tribromophenol
Concen: 121.258 ng
RT: 10.745 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Tgt Ion:330 Resp: 288799
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.4
141 32.7 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 36.877 ng

RT: 9.181 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128093.D

Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

Tgt Ion:196 Resp: 16921

Ion Ratio Lower Upper

196 100

198 98.8 80.4 120.6

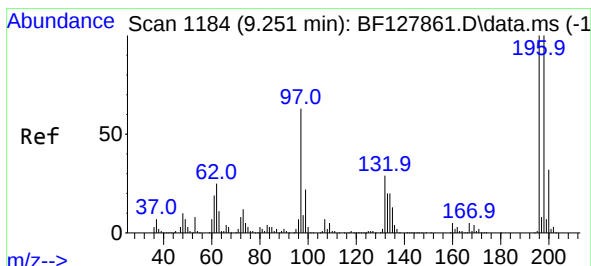
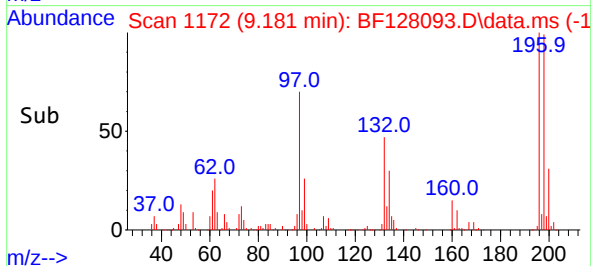
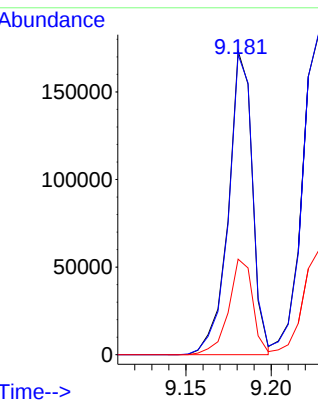
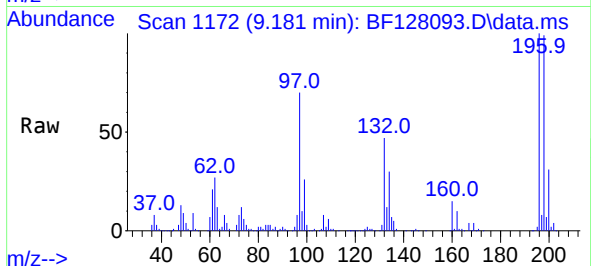
200 31.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/06/2022

Supervised By :mohammad ahmed 05/09/2022



#44

2,4,5-Trichlorophenol

Concen: 36.291 ng

RT: 9.228 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF128093.D

Acq: 05 May 2022 14:33

Tgt Ion:196 Resp: 181023

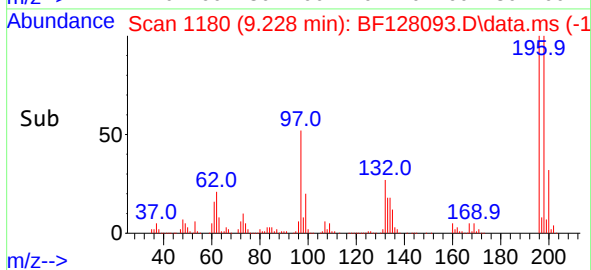
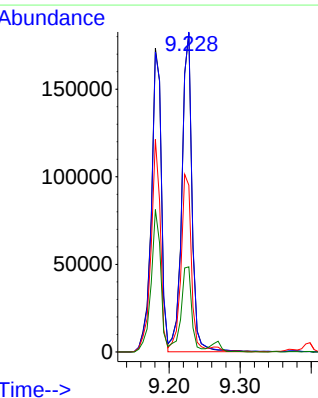
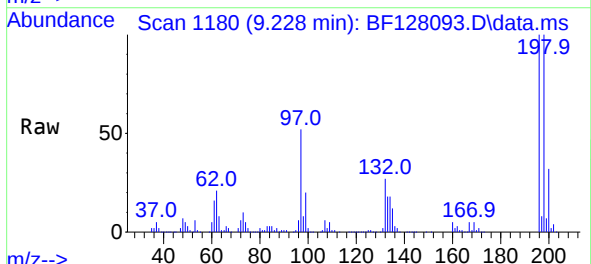
Ion Ratio Lower Upper

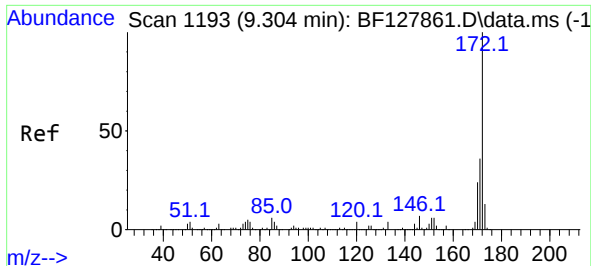
196 100

198 100.4 80.2 120.2

97 52.3 50.3 75.5

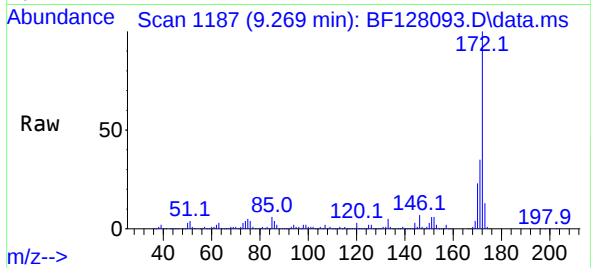
132 26.7 23.8 35.6





#45
2-Fluorobiphenyl
Concen: 78.976 ng
RT: 9.269 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

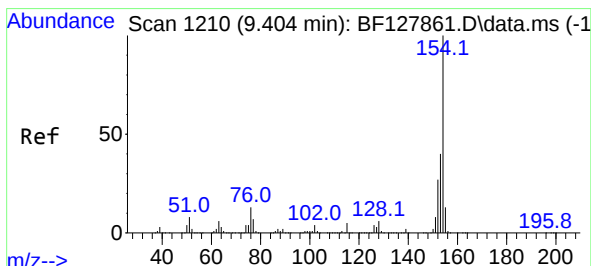
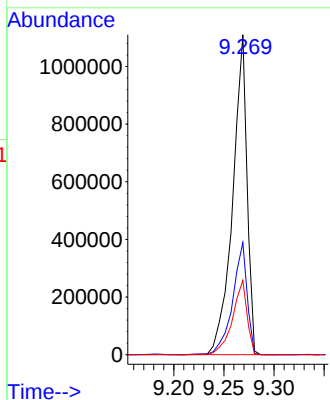
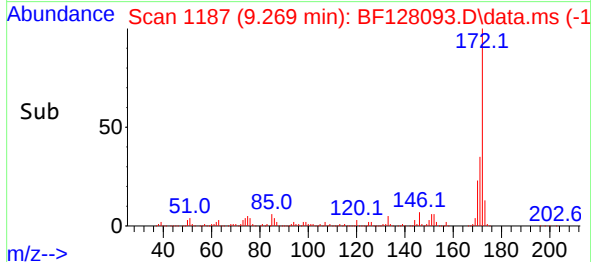
Instrument :
BNA_F
ClientSampleId :
PB144601BS



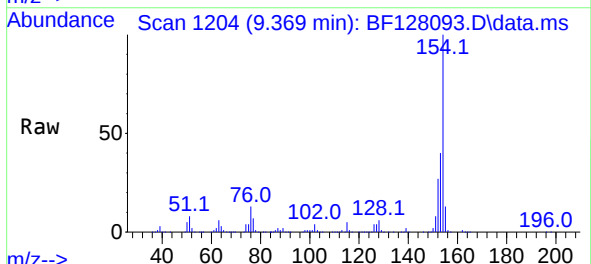
Tgt Ion:172 Resp: 110448
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.3 19.1 28.7

Manual Integrations
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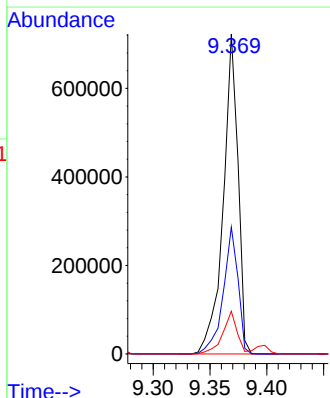
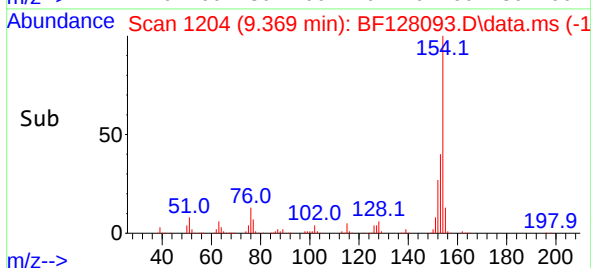
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

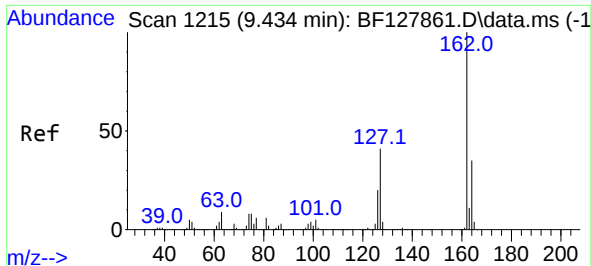


#46
1,1'-Biphenyl
Concen: 37.330 ng
RT: 9.369 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion:154 Resp: 654225
Ion Ratio Lower Upper
154 100
153 39.7 20.4 60.4
76 13.3 0.0 33.2





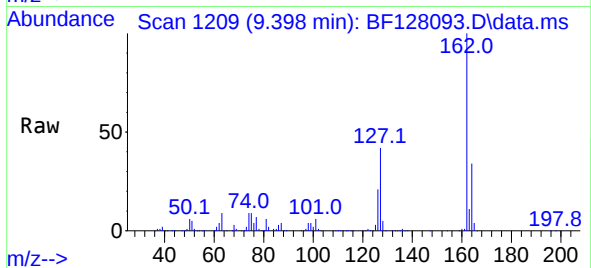
#47
2-Chloronaphthalene
Concen: 36.287 ng
RT: 9.398 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

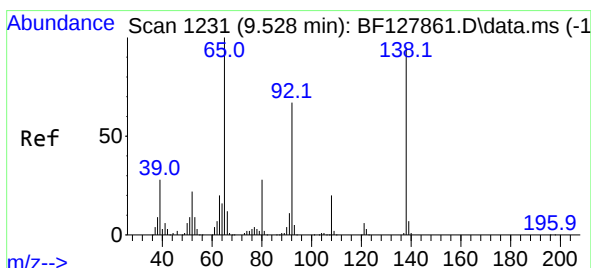
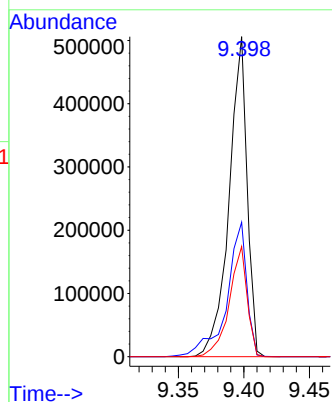
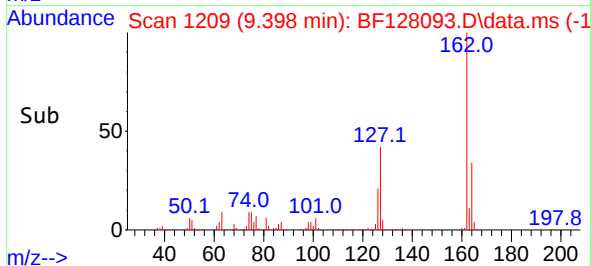


Tgt Ion:162 Resp: 484128
Ion Ratio Lower Upper
162 100
127 42.0 32.9 49.3
164 34.4 28.2 42.2

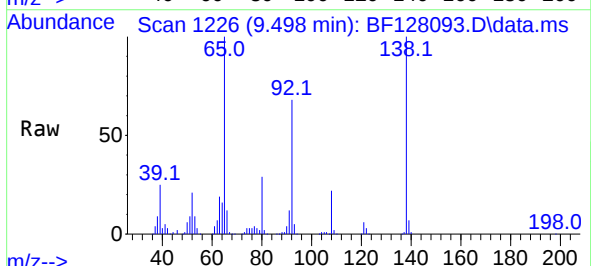
Manual Integrations

APPROVED

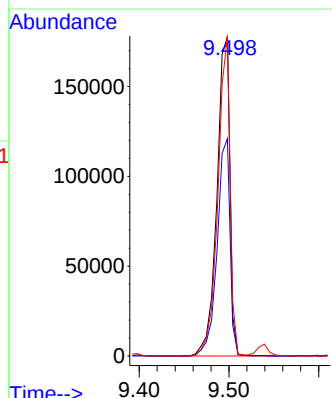
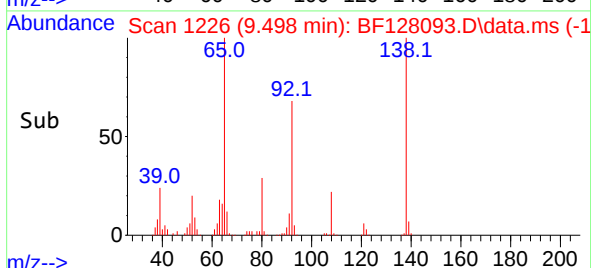
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

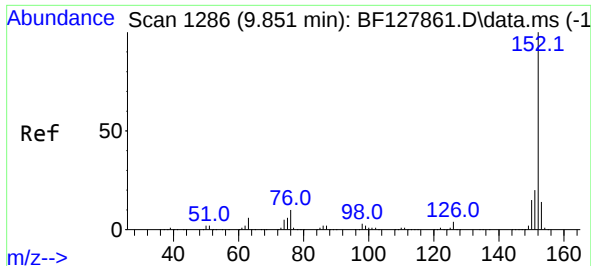


#48
2-Nitroaniline
Concen: 39.596 ng
RT: 9.498 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion: 65 Resp: 178696
Ion Ratio Lower Upper
65 100
92 68.1 53.7 80.5
138 100.3 76.4 114.6





#49

Acenaphthylene

Concen: 38.366 ng

RT: 9.816 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF128093.D

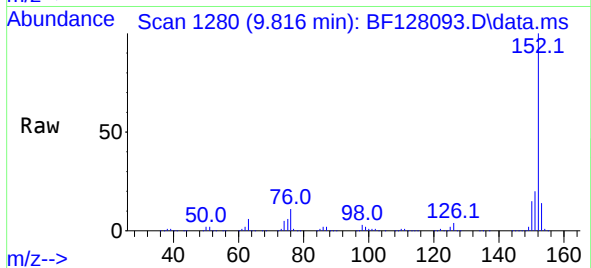
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS



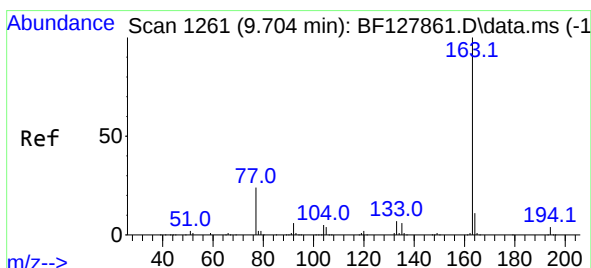
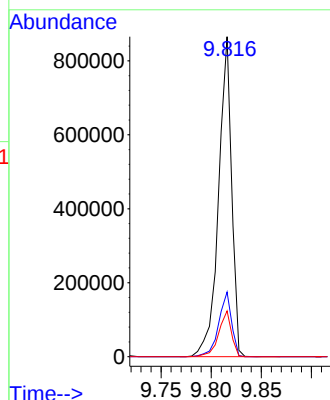
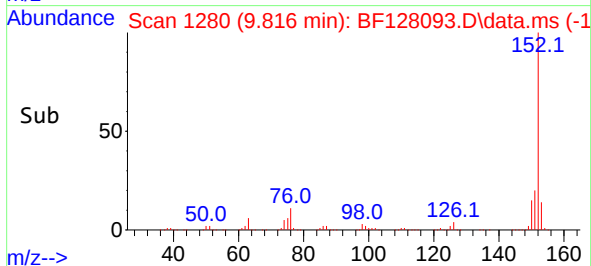
Tgt Ion:152 Resp: 782968

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	14.3	11.2	16.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#50

Dimethylphthalate

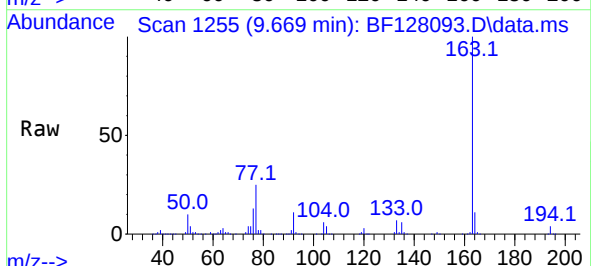
Concen: 36.621 ng

RT: 9.669 min Scan# 1255

Delta R.T. -0.006 min

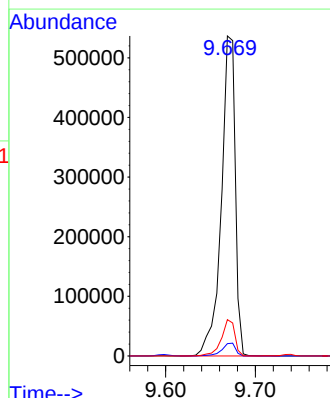
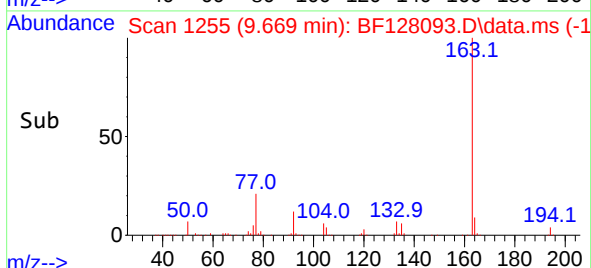
Lab File: BF128093.D

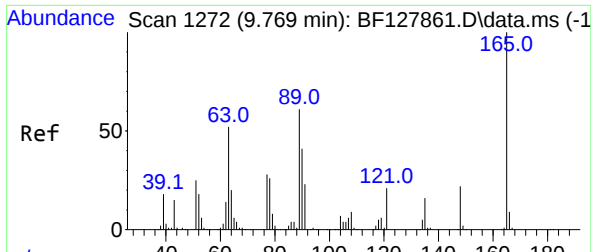
Acq: 05 May 2022 14:33



Tgt Ion:163 Resp: 581069

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	11.4	8.6	13.0





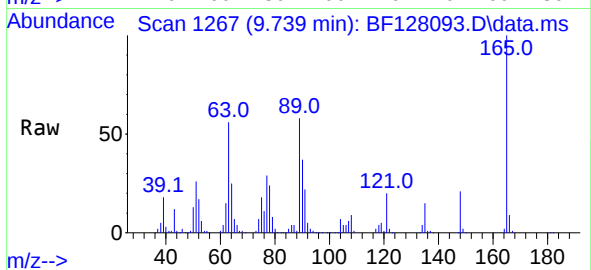
#51
2,6-Dinitrotoluene
Concen: 39.737 ng
RT: 9.739 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

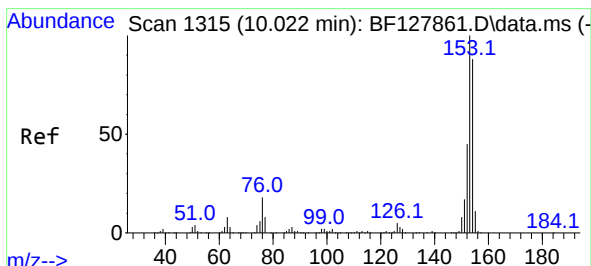
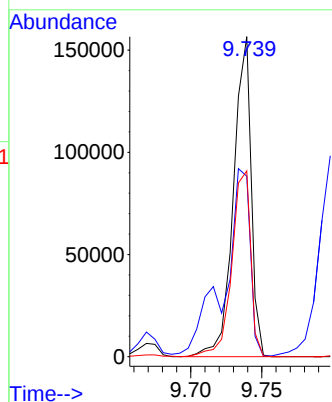
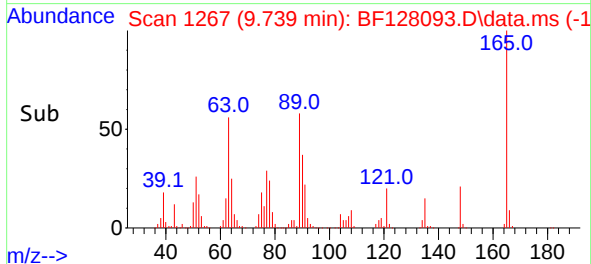


Tgt Ion:165 Resp: 136514
Ion Ratio Lower Upper
165 100
63 56.4 49.5 74.3
89 58.1 49.0 73.4

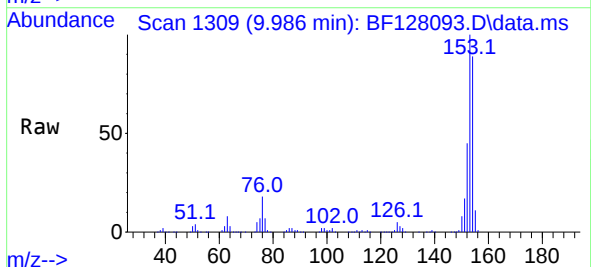
Manual Integrations

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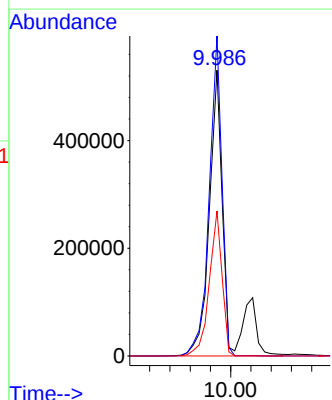
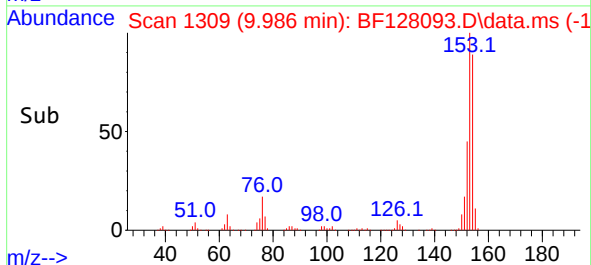
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

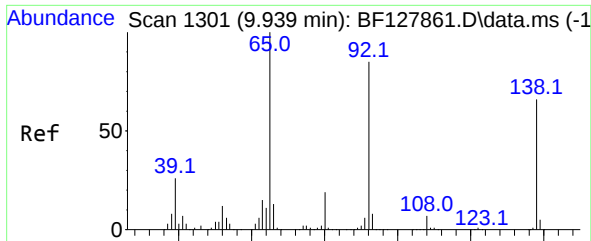


#52
Acenaphthene
Concen: 41.305 ng m
RT: 9.986 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion:154 Resp: 566719
Ion Ratio Lower Upper
154 100
153 112.0 90.5 135.7
152 50.7 41.0 61.6





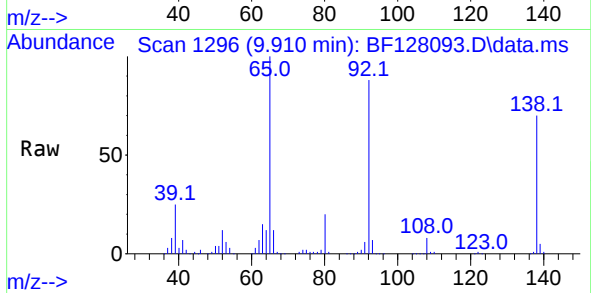
#53
3-Nitroaniline
Concen: 29.465 ng
RT: 9.910 min Scan# 11240
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

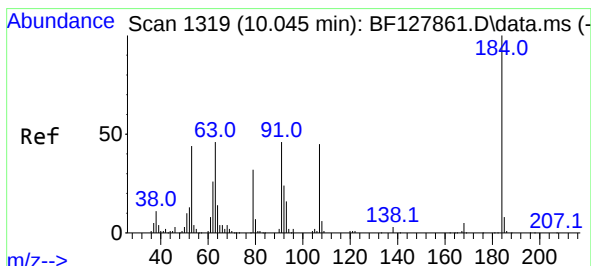
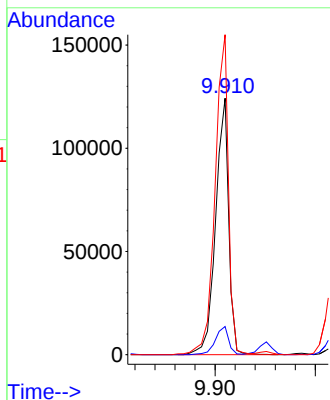
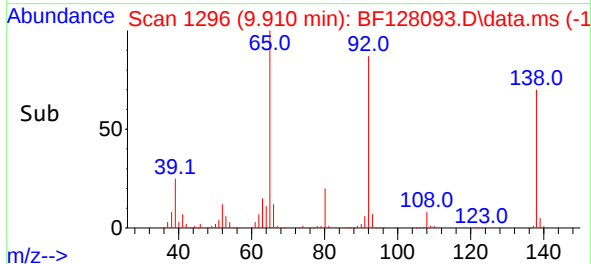


Tgt Ion:138 Resp: 112400
Ion Ratio Lower Upper
138 100
108 11.0 8.2 12.4
92 124.8 102.7 154.1

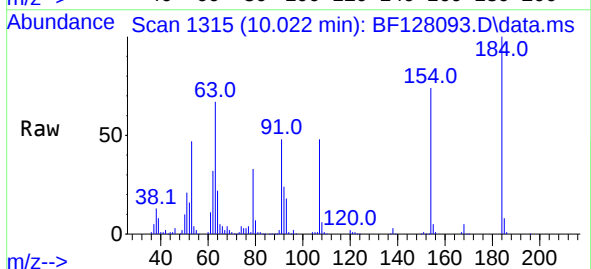
Manual Integrations

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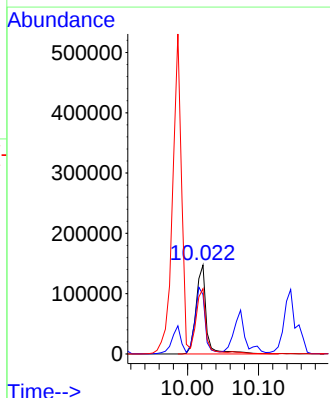
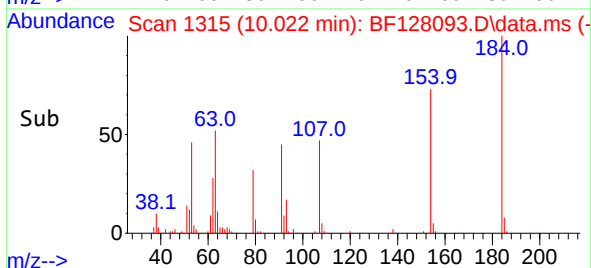
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

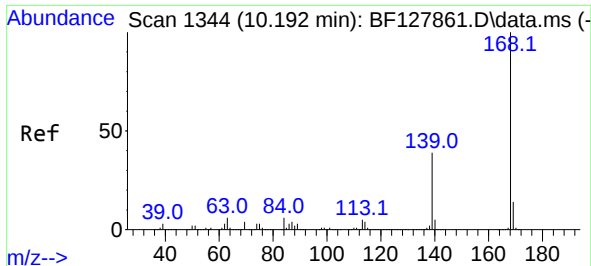


#54
2,4-Dinitrophenol
Concen: 82.535 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion:184 Resp: 149324
Ion Ratio Lower Upper
184 100
63 66.9 50.0 75.0
154 73.5 51.7 77.5





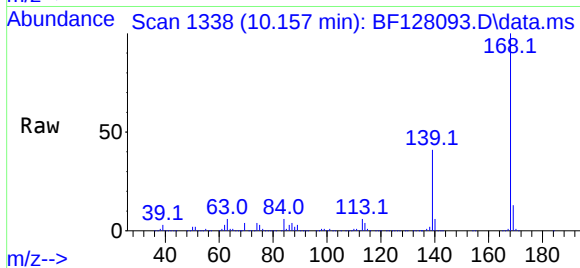
#55
Dibenzenofuran
Concen: 35.982 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

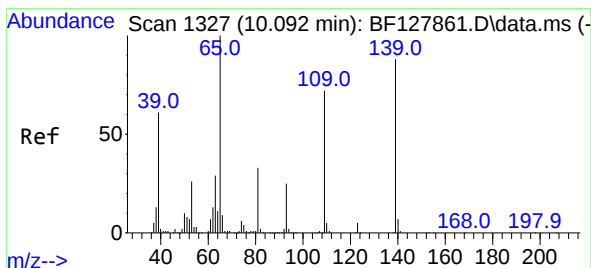
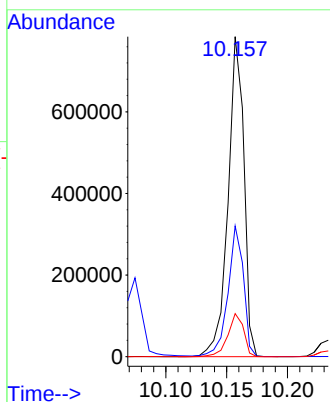
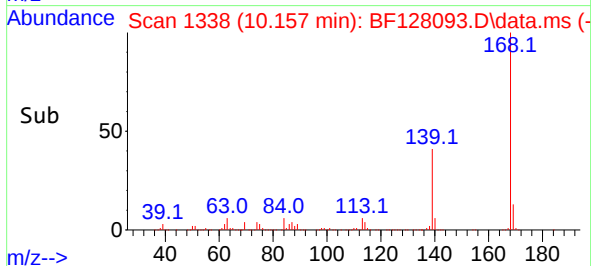


Tgt Ion:168 Resp: 712265
Ion Ratio Lower Upper
168 100
139 40.8 31.7 47.5
169 13.5 10.9 16.3

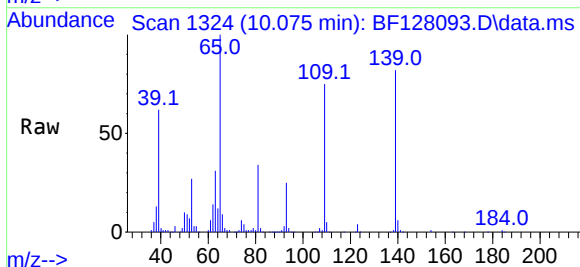
Manual Integrations

APPROVED

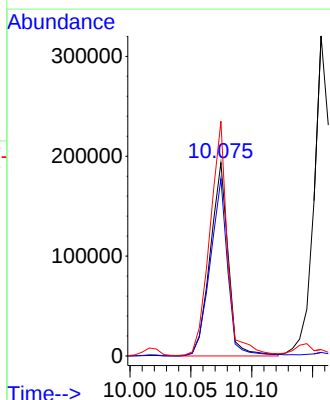
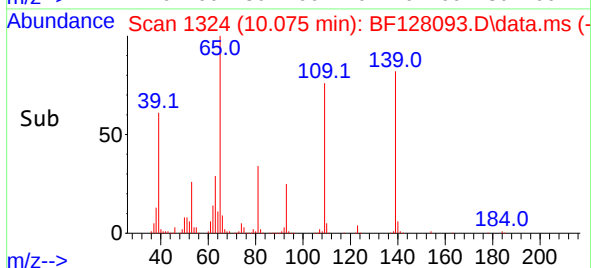
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

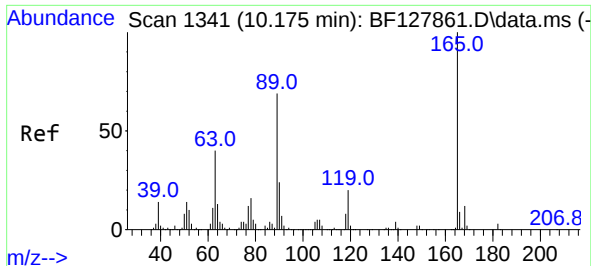


#56
4-Nitrophenol
Concen: 67.855 ng
RT: 10.075 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion:139 Resp: 197665
Ion Ratio Lower Upper
139 100
109 91.7 61.9 101.9
65 121.5 93.5 133.5





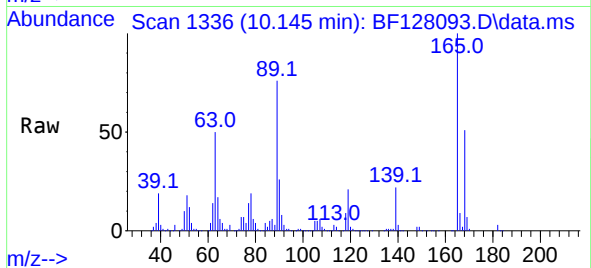
#57
2,4-Dinitrotoluene
Concen: 40.092 ng
RT: 10.145 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

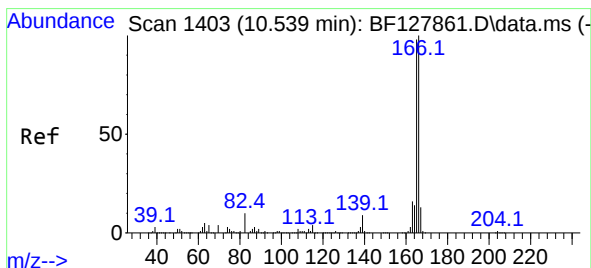
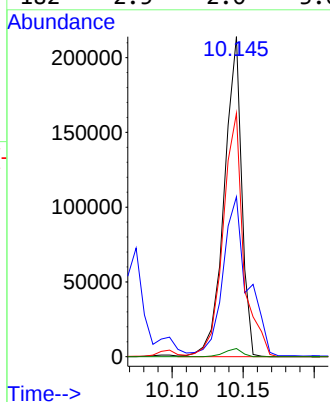
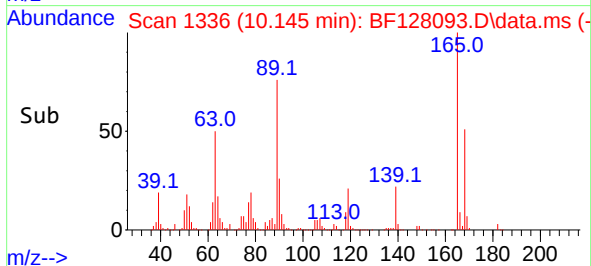


Tgt Ion:165 Resp: 18244
Ion Ratio Lower Upper
165 100
63 50.0 32.6 49.0
89 76.0 55.2 82.8
182 2.5 2.0 3.0

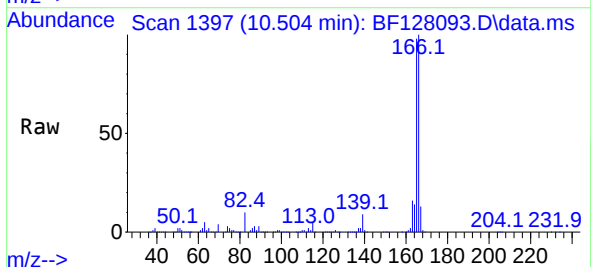
Manual Integrations

APPROVED

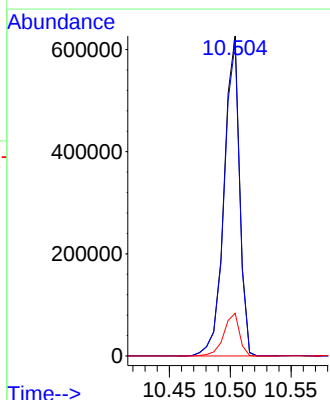
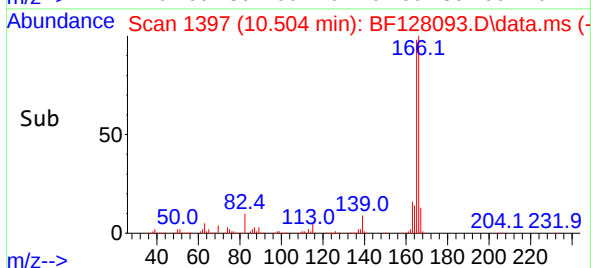
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

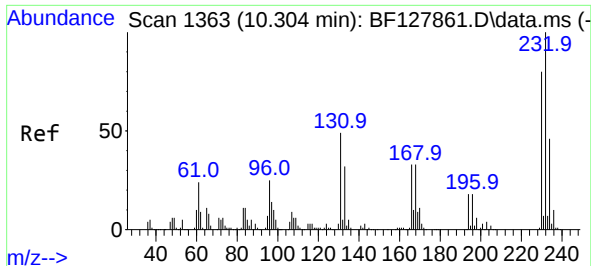


#58
Fluorene
Concen: 37.796 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion:166 Resp: 558288
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.434 ng
RT: 10.275 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

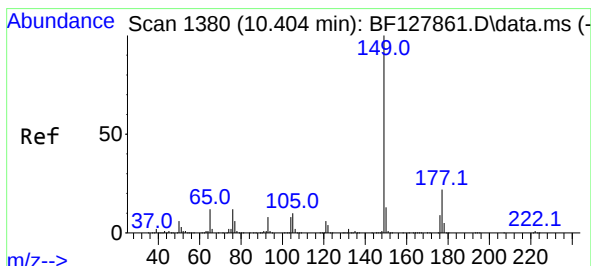
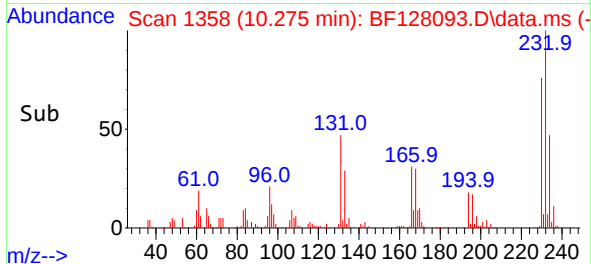
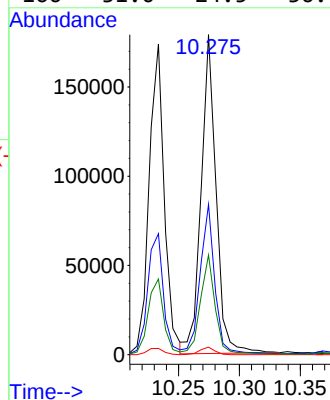
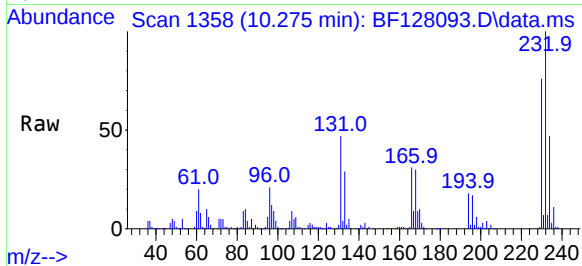
PB144601BS

Tgt Ion:232 Resp: 152829
Ion Ratio Lower Upper
232 100
131 46.1 35.4 53.2
130 2.3 1.9 2.9
166 31.0 24.5 36.7

Manual Integrations

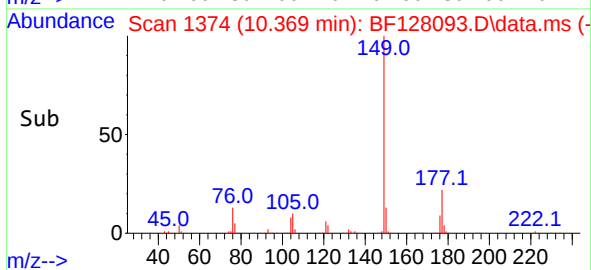
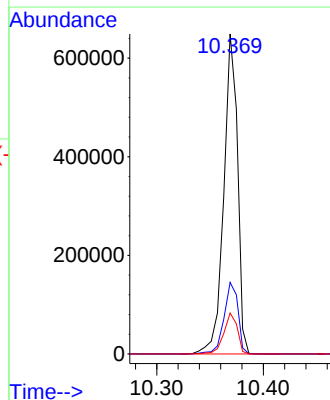
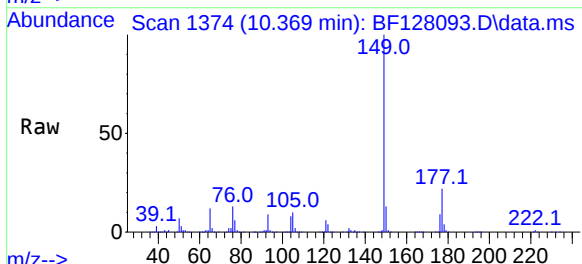
APPROVED

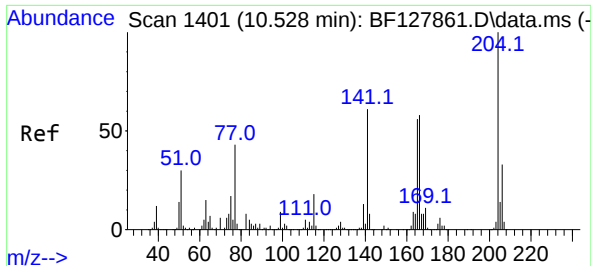
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#60
Diethylphthalate
Concen: 37.345 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

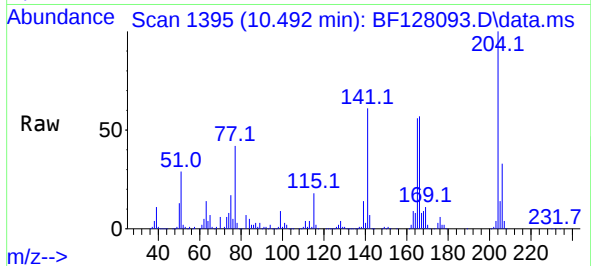
Tgt Ion:149 Resp: 581052
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.159 ng
RT: 10.492 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

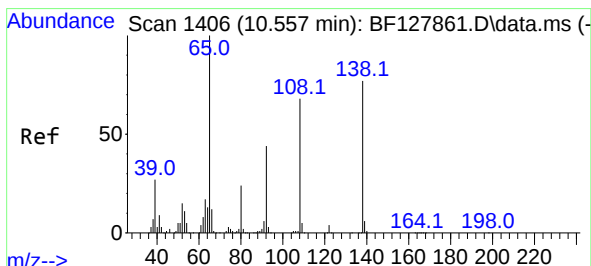
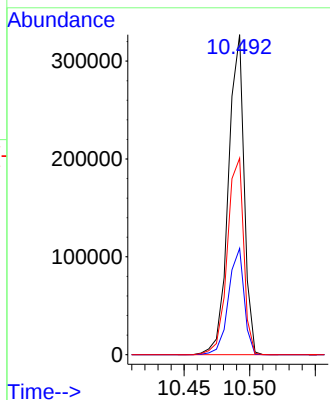
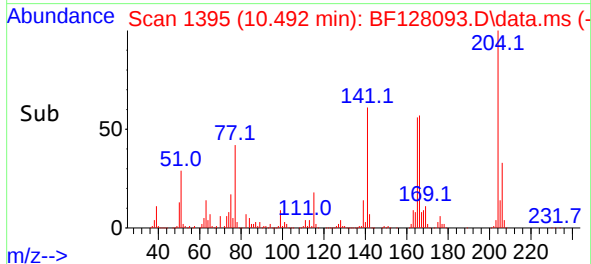
Instrument :
BNA_F
ClientSampleId :
PB144601BS



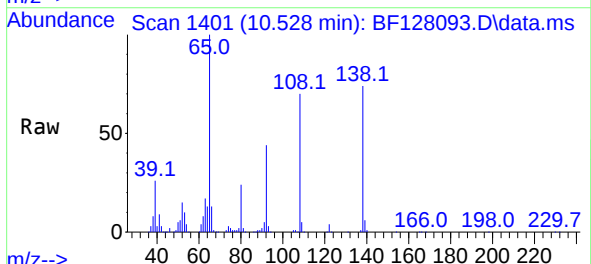
Tgt Ion:204 Resp: 272752
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 61.4 48.7 73.1

Manual Integrations
APPROVED

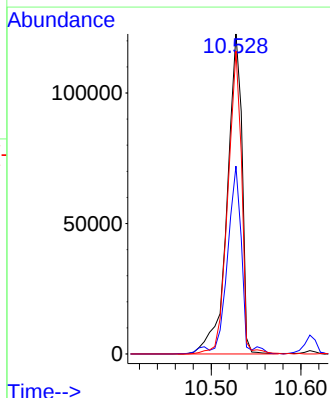
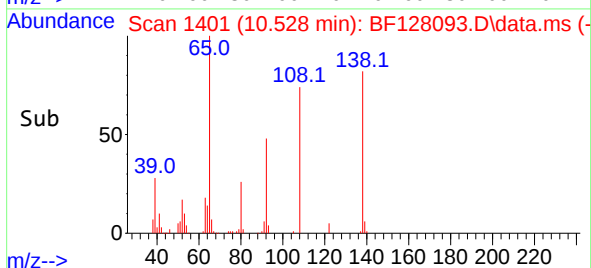
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

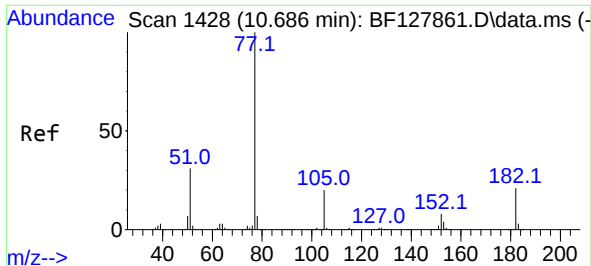


#62
4-Nitroaniline
Concen: 37.819 ng
RT: 10.528 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion:138 Resp: 141051
Ion Ratio Lower Upper
138 100
92 58.7 37.4 77.4
108 94.7 68.4 108.4





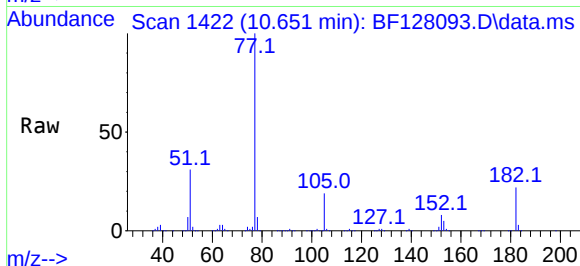
#63
Azobenzene
Concen: 36.486 ng
RT: 10.651 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

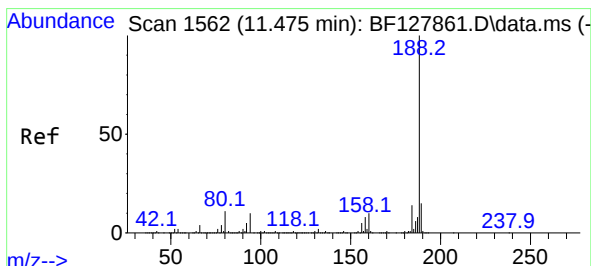
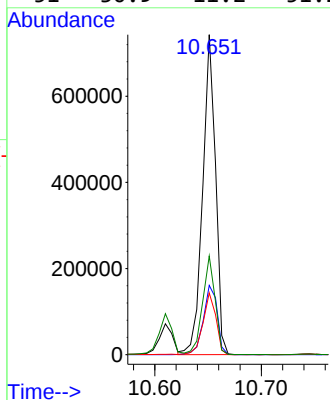
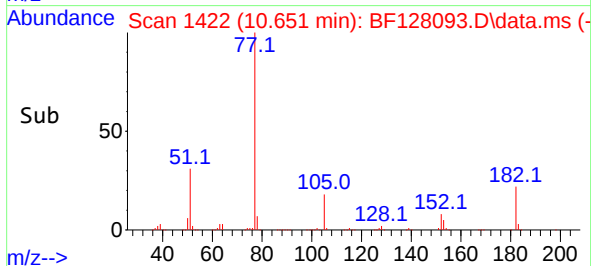


Tgt Ion: 77 Resp: 624670
Ion Ratio Lower Upper
77 100
182 21.7 1.2 41.2
105 19.3 0.0 39.8
51 30.9 11.2 51.2

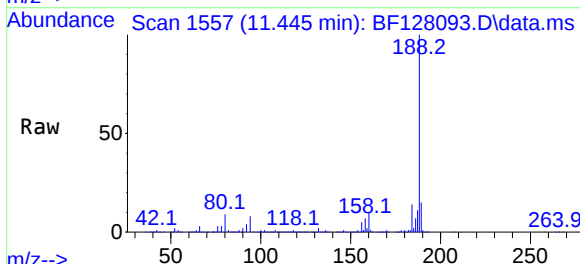
Manual Integrations

APPROVED

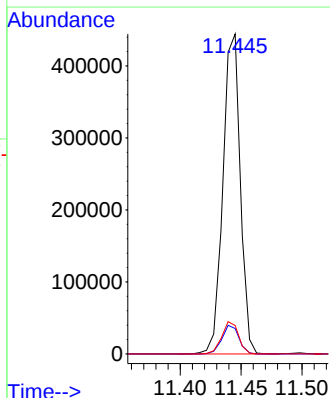
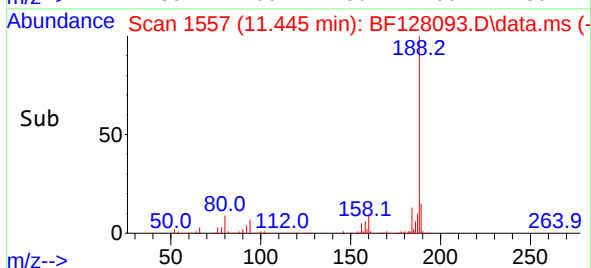
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

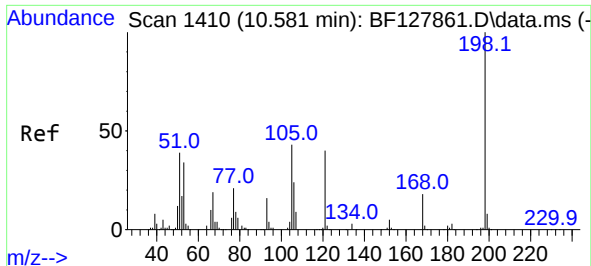


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion:188 Resp: 442412
Ion Ratio Lower Upper
188 100
94 8.0 8.0 12.0#
80 8.9 8.9 13.3





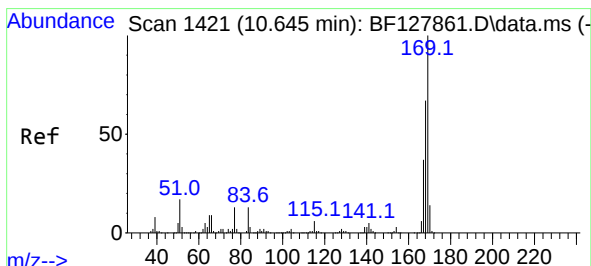
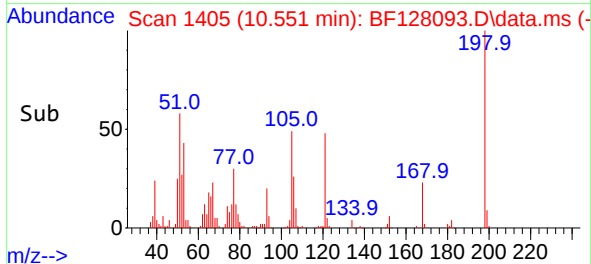
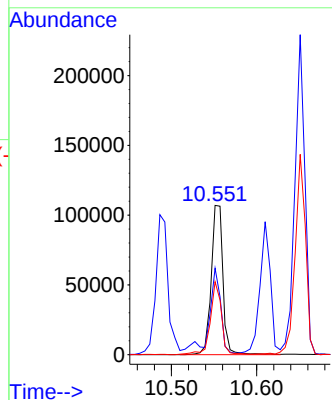
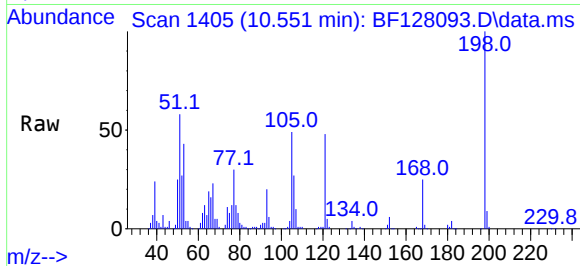
#65
4,6-Dinitro-2-methylphenol
Concen: 39.049 ng
RT: 10.551 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :
BNA_F
ClientSampleId :
PB144601BS

Tgt Ion:198 Resp: 102650
Ion Ratio Lower Upper
198 100
51 57.9 28.4 68.4
105 48.9 23.4 63.4

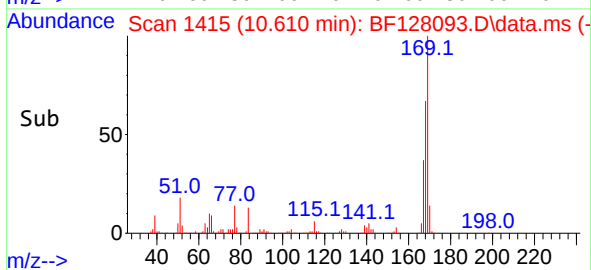
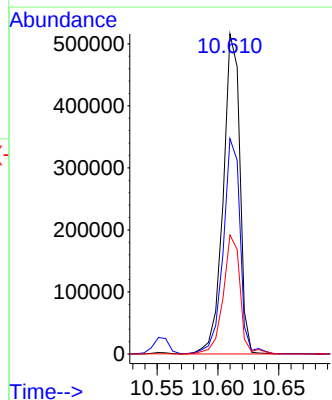
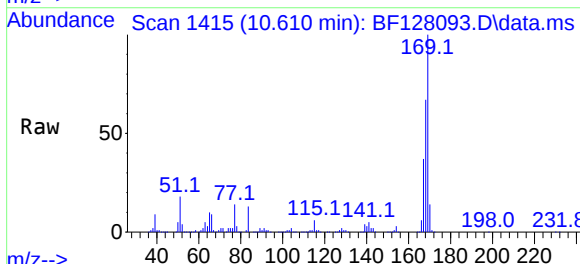
Manual Integrations
APPROVED

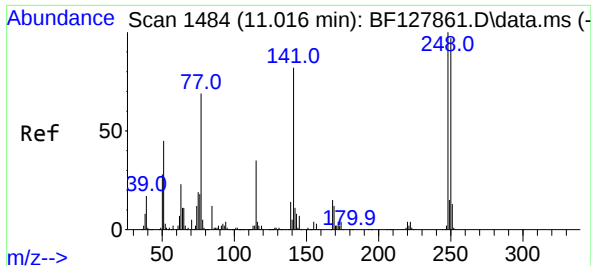
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#66
n-Nitrosodiphenylamine
Concen: 35.696 ng
RT: 10.610 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

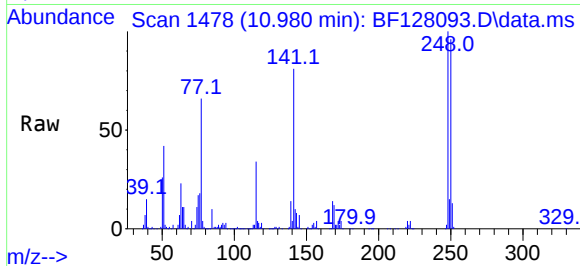
Tgt Ion:169 Resp: 491391
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 37.1 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 36.424 ng
RT: 10.980 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

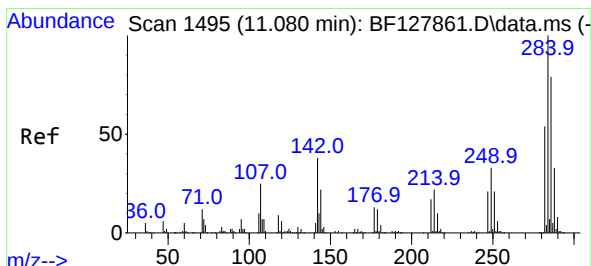
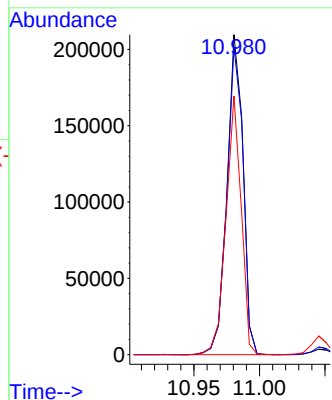
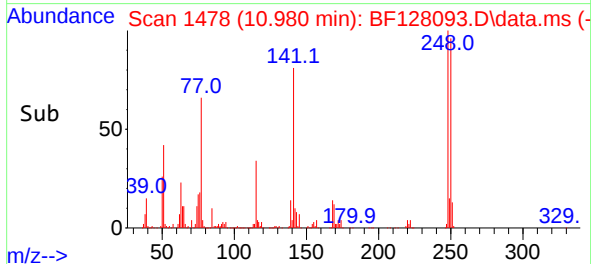
Instrument :
BNA_F
ClientSampleId :
PB144601BS



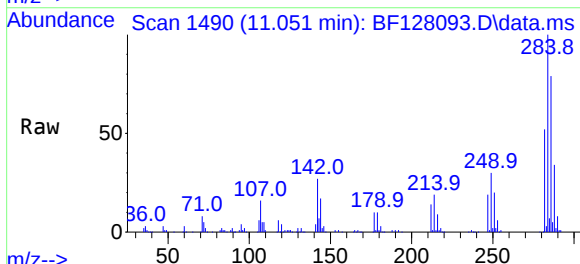
Tgt Ion:248 Resp: 178639
Ion Ratio Lower Upper
248 100
250 96.2 77.7 116.5
141 80.9 65.6 98.4

Manual Integrations
APPROVED

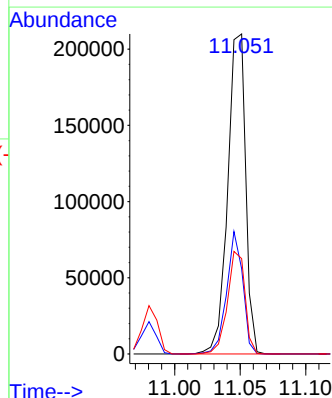
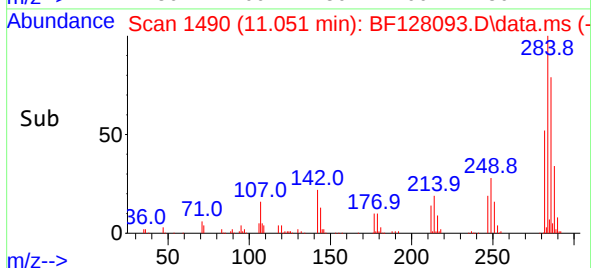
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

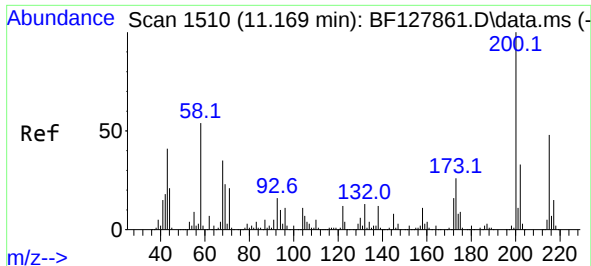


#68
Hexachlorobenzene
Concen: 38.657 ng
RT: 11.051 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



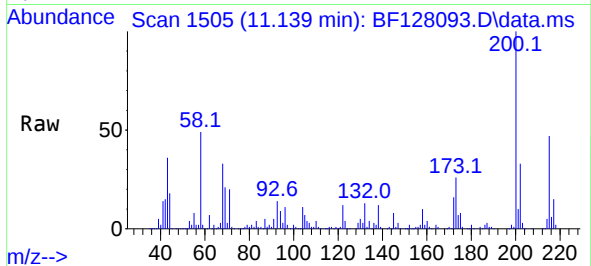
Tgt Ion:284 Resp: 199750
Ion Ratio Lower Upper
284 100
142 26.6 30.2 45.4#
249 29.8 26.1 39.1





#69
Atrazine
Concen: 41.968 ng
RT: 11.139 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

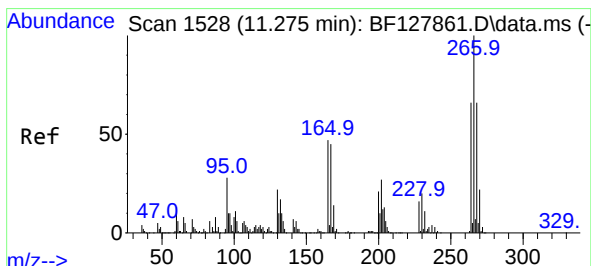
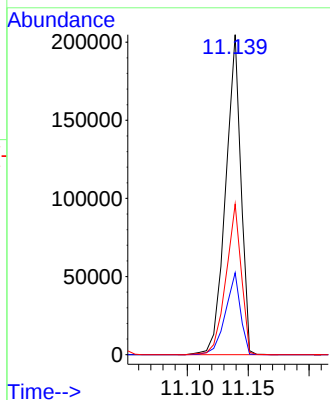
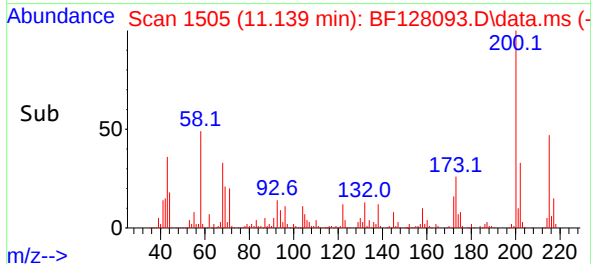
Instrument :
BNA_F
ClientSampleId :
PB144601BS



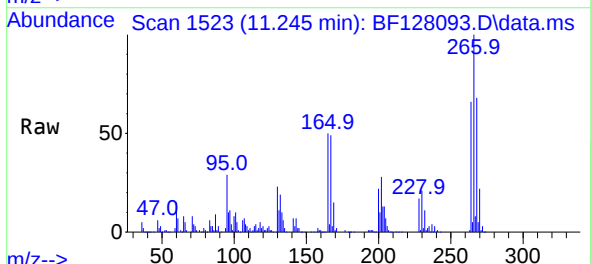
Tgt Ion:200 Resp: 178640
Ion Ratio Lower Upper
200 100
173 25.6 6.0 46.0
215 47.0 28.1 68.1

Manual Integrations
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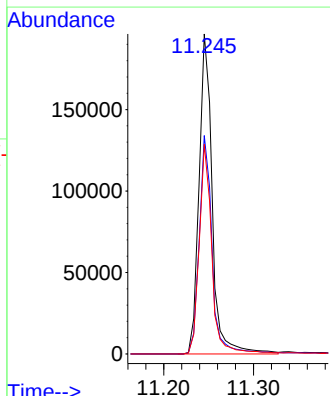
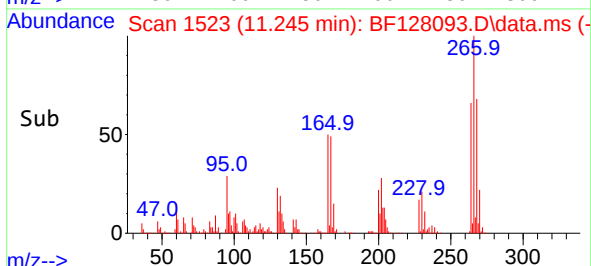
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

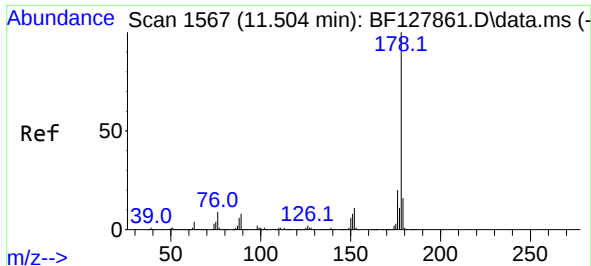


#70
Pentachlorophenol
Concen: 65.822 ng
RT: 11.245 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion:266 Resp: 200090
Ion Ratio Lower Upper
266 100
268 68.3 53.0 79.6
264 65.5 53.1 79.7





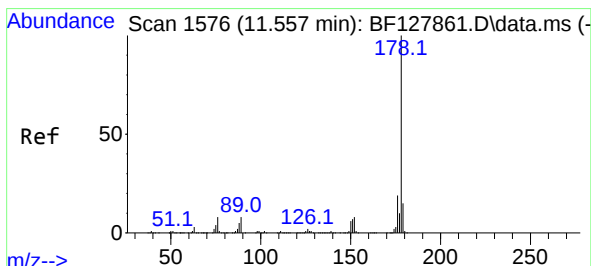
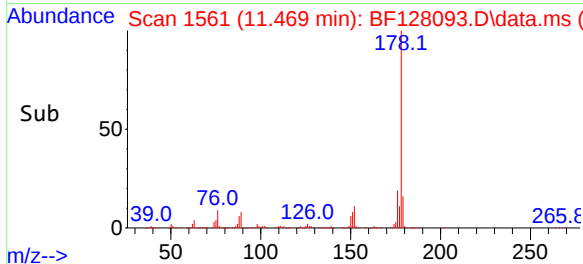
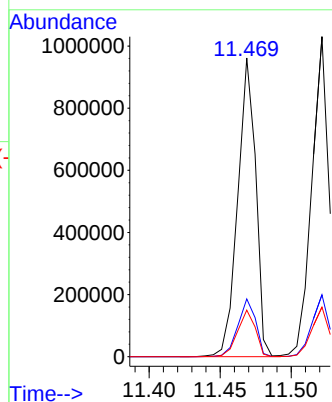
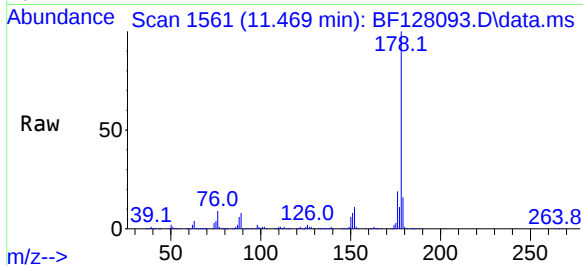
#71
Phenanthrene
Concen: 36.723 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :
BNA_F
ClientSampleId :
PB144601BS

Tgt Ion:178 Resp: 85044
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.6 12.6 19.0

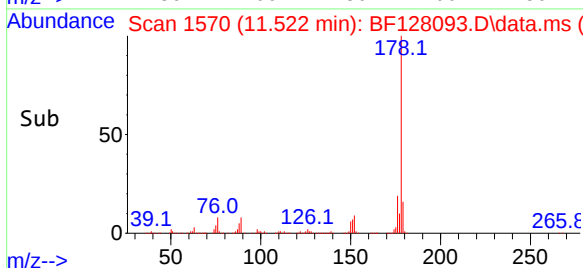
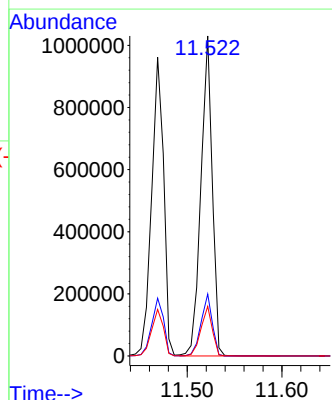
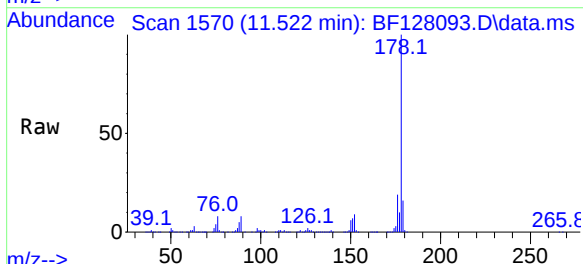
Manual Integrations
APPROVED

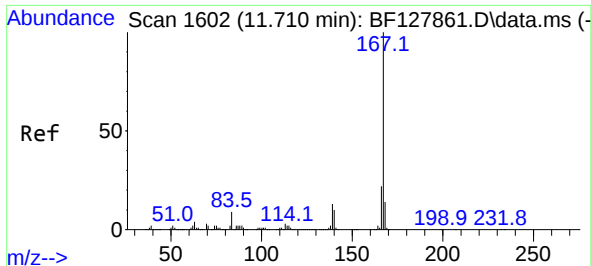
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#72
Anthracene
Concen: 37.299 ng
RT: 11.522 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

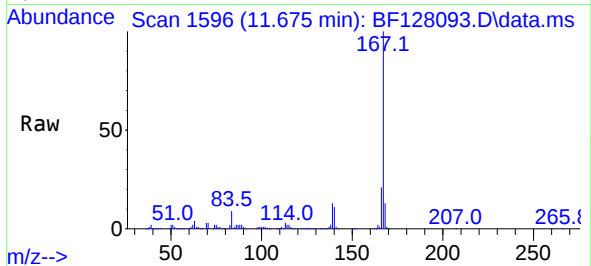
Tgt Ion:178 Resp: 860442
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.6
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 35.300 ng
 RT: 11.675 min Scan# 1167
 Delta R.T. -0.006 min
 Lab File: BF128093.D
 Acq: 05 May 2022 14:33

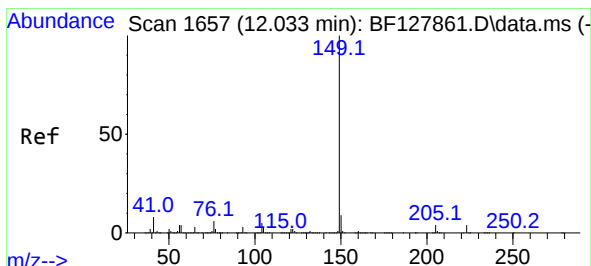
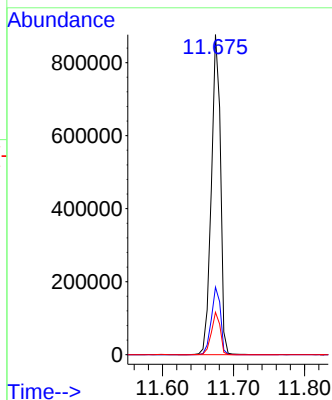
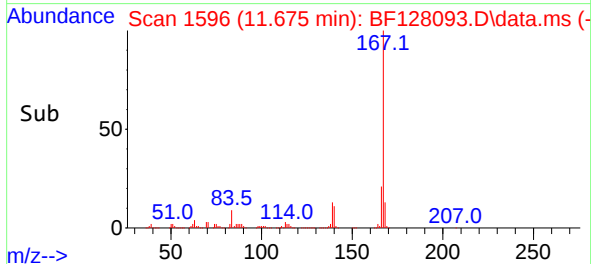
Instrument :
 BNA_F
 ClientSampleId :
 PB144601BS



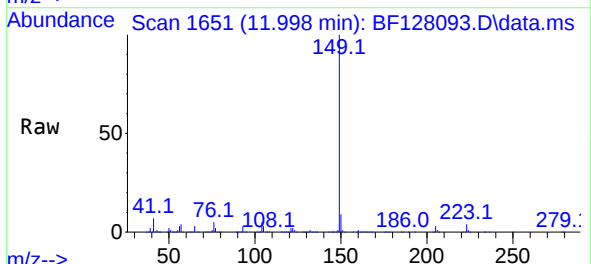
Tgt Ion:167 Resp: 784848
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.6 26.4
 139 13.3 10.7 16.1

Manual Integrations
 APPROVED

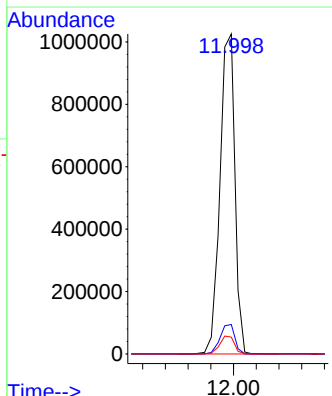
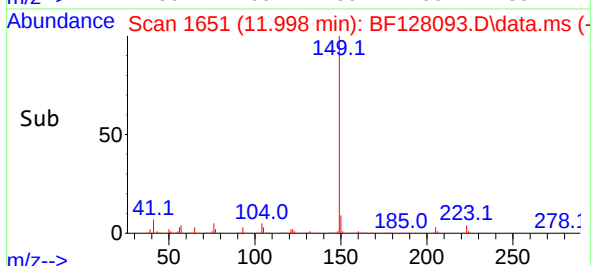
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

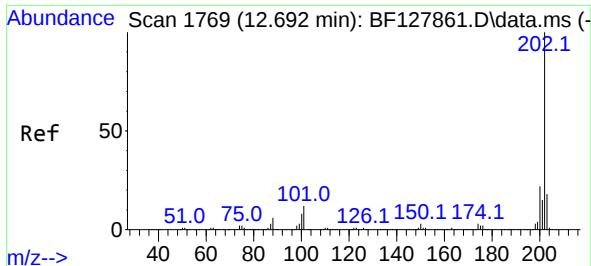


#74
 Di-n-butylphthalate
 Concen: 37.540 ng
 RT: 11.998 min Scan# 1651
 Delta R.T. 0.000 min
 Lab File: BF128093.D
 Acq: 05 May 2022 14:33



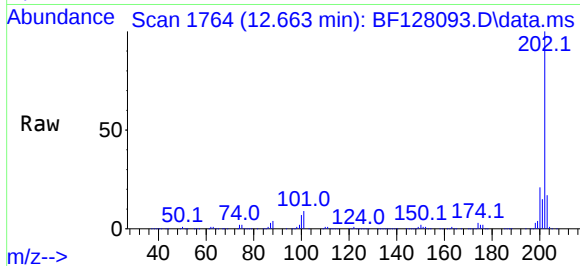
Tgt Ion:149 Resp: 938523
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 37.471 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

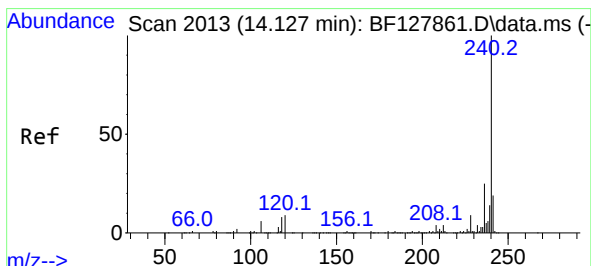
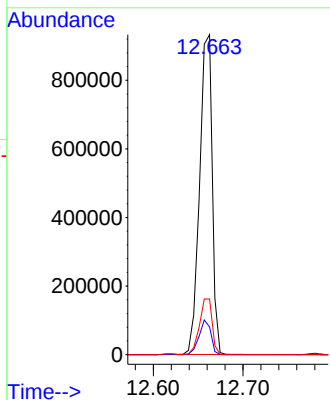
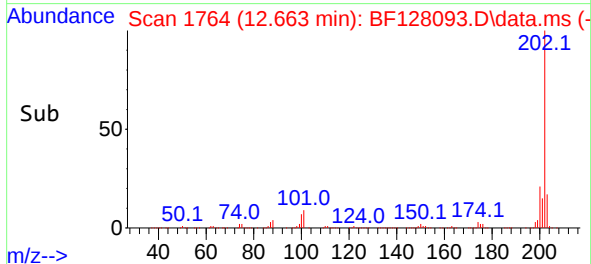
Instrument :
BNA_F
ClientSampleId :
PB144601BS



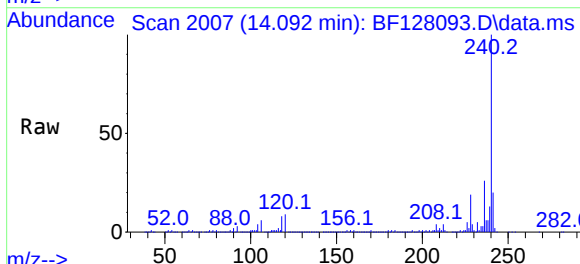
Tgt Ion:202 Resp: 913289
Ion Ratio Lower Upper
202 100
101 8.7 0.0 31.6
203 17.4 0.0 38.1

Manual Integrations
APPROVED

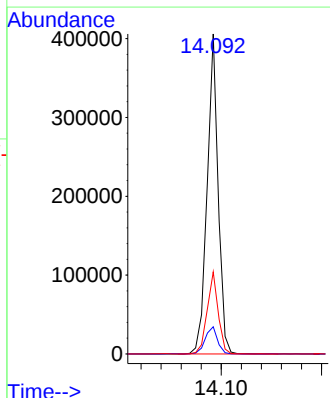
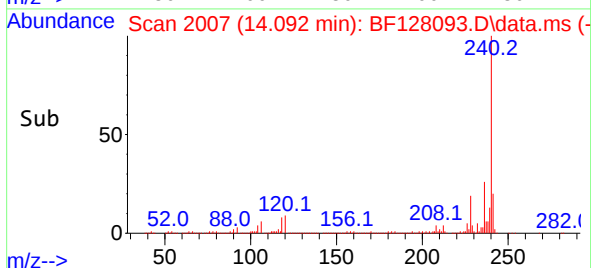
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

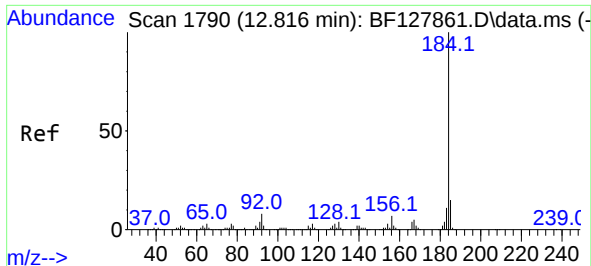


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion:240 Resp: 310461
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 25.7 20.3 30.5





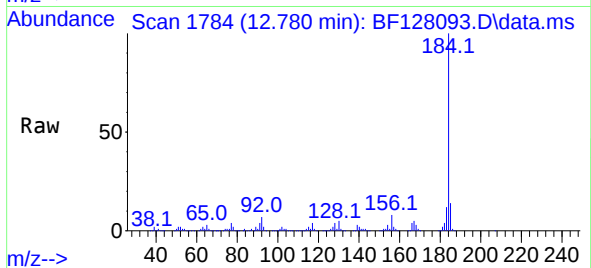
#77
Benzidine
Concen: 77.038 ng
RT: 12.780 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

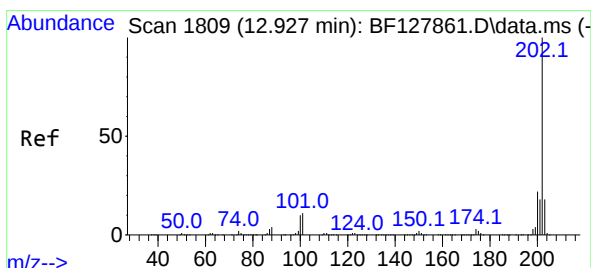
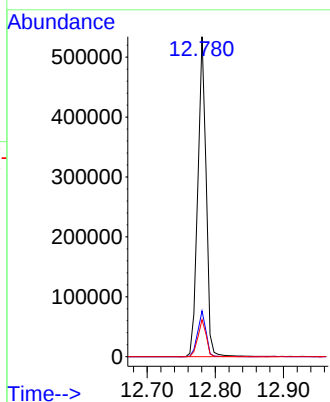
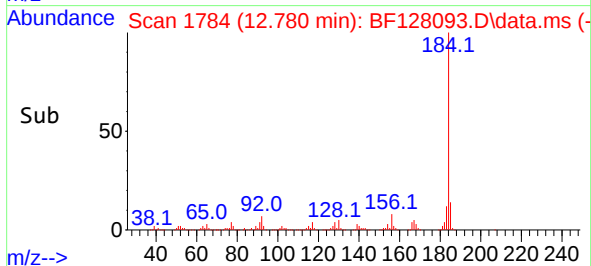


Tgt Ion:184 Resp: 452550
Ion Ratio Lower Upper
184 100
185 14.3 12.1 18.1
183 11.6 9.0 13.4

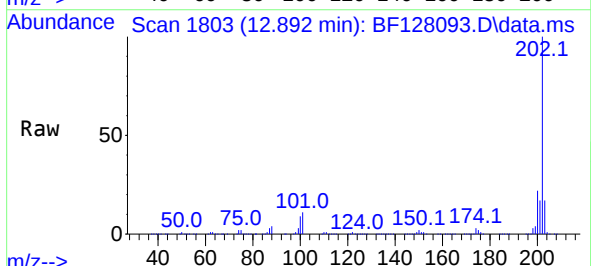
Manual Integrations

APPROVED

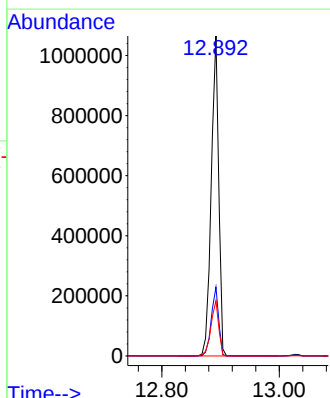
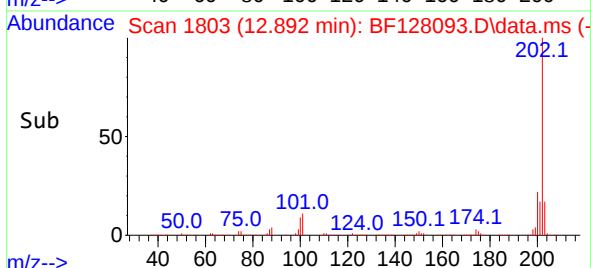
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

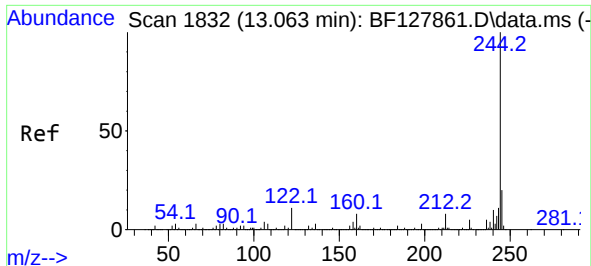


#78
Pyrene
Concen: 37.280 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion:202 Resp: 934318
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.3 14.0 21.0





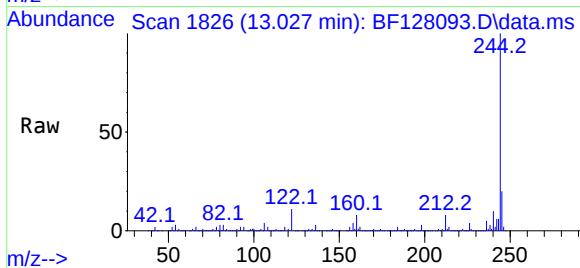
#79
Terphenyl-d14
Concen: 80.127 ng
RT: 13.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

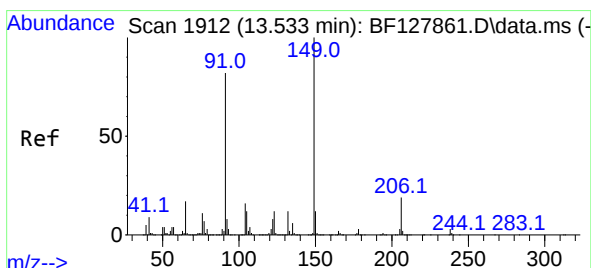
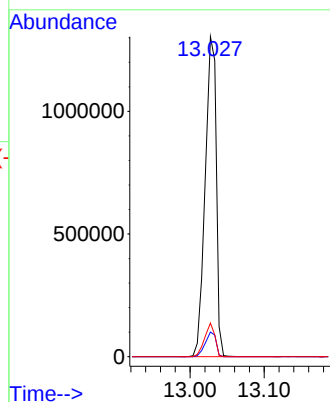
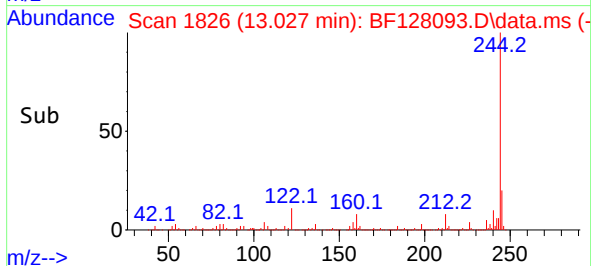


Tgt Ion:244 Resp: 1360429
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 10.5 8.6 12.8

Manual Integrations

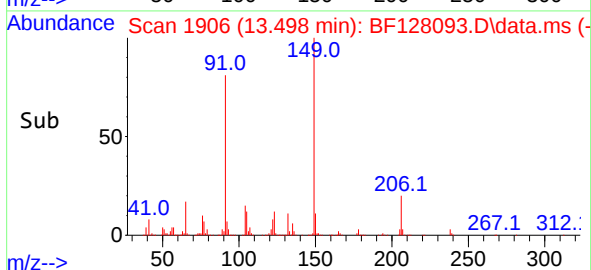
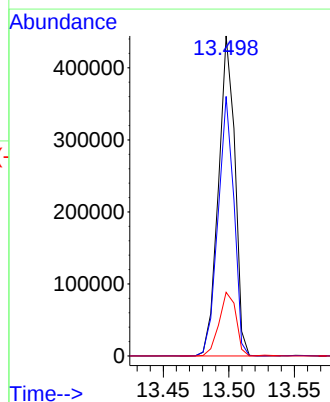
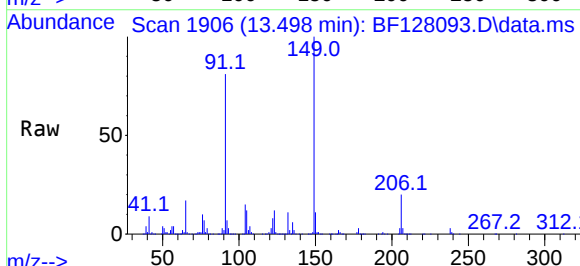
APPROVED

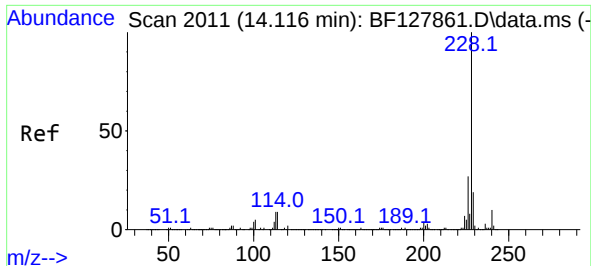
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#80
Butylbenzylphthalate
Concen: 39.337 ng
RT: 13.498 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Tgt Ion:149 Resp: 386415
Ion Ratio Lower Upper
149 100
91 81.1 65.8 98.6
206 19.9 15.4 23.2





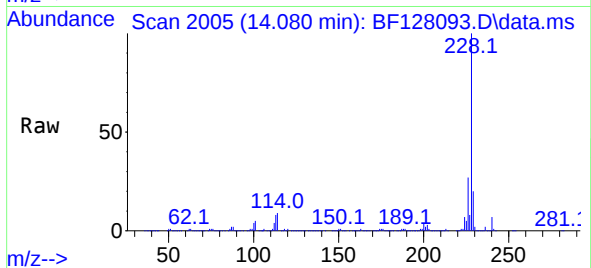
#81
Benzo(a)anthracene
Concen: 38.134 ng
RT: 14.080 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

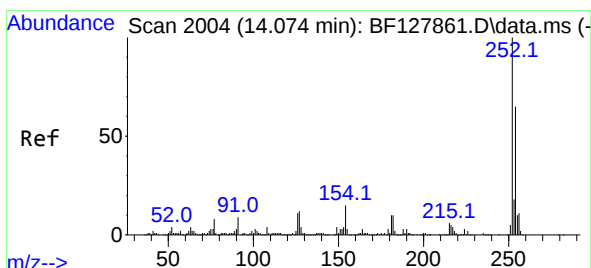
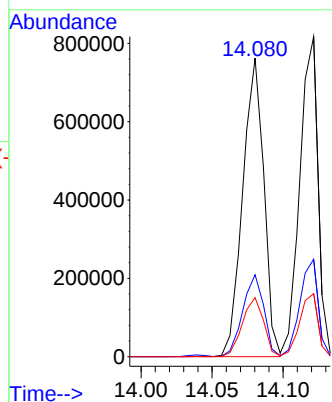
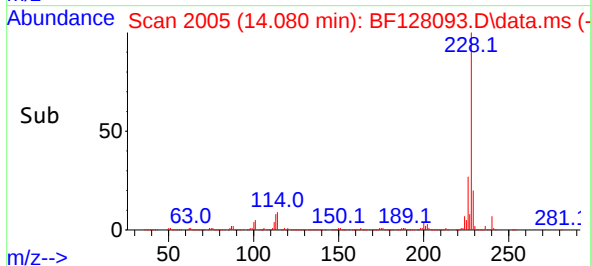


Tgt Ion:228 Resp: 78911
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.8 15.4 23.2

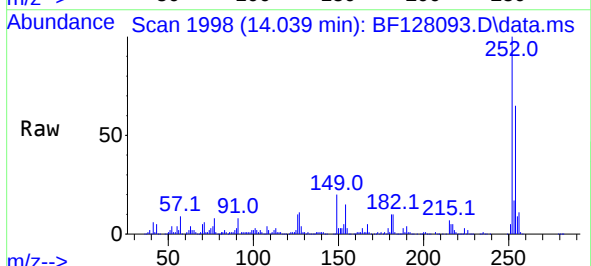
Manual Integrations

APPROVED

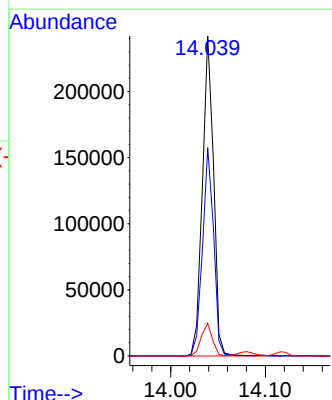
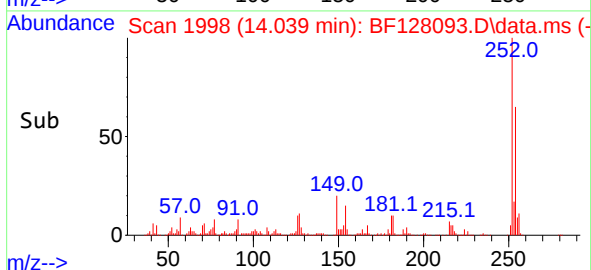
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

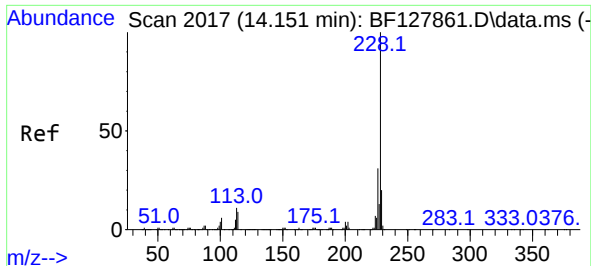


#82
3,3'-Dichlorobenzidine
Concen: 30.299 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



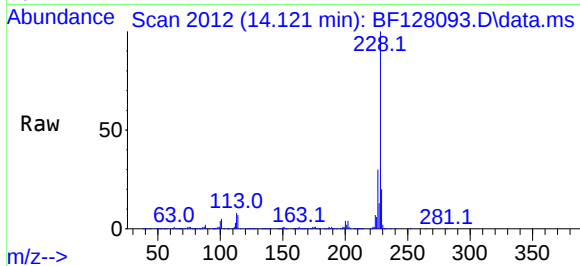
Tgt Ion:252 Resp: 199077
Ion Ratio Lower Upper
252 100
254 65.1 51.6 77.4
126 10.2 8.8 13.2





#83
Chrysene
Concen: 36.992 ng
RT: 14.121 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

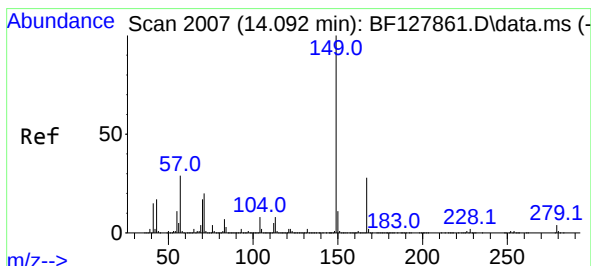
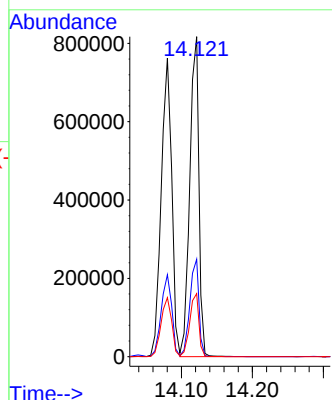
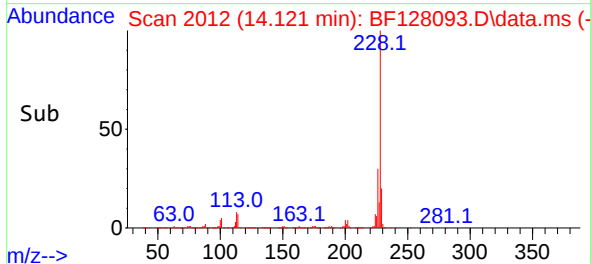
Instrument :
BNA_F
ClientSampleId :
PB144601BS



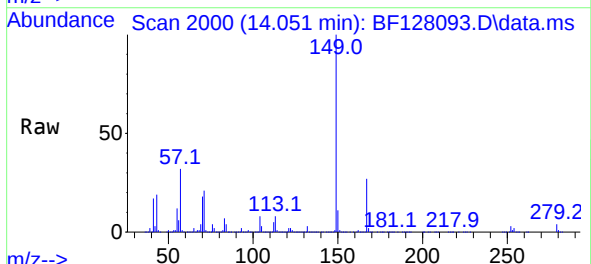
Tgt Ion:228 Resp: 731073
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.7 15.8 23.8

Manual Integrations
APPROVED

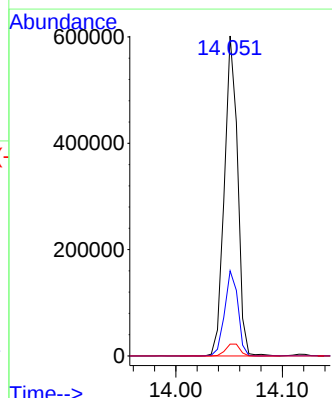
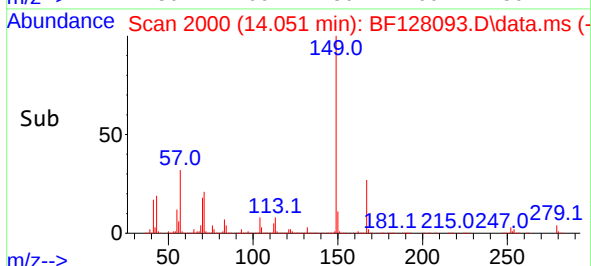
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

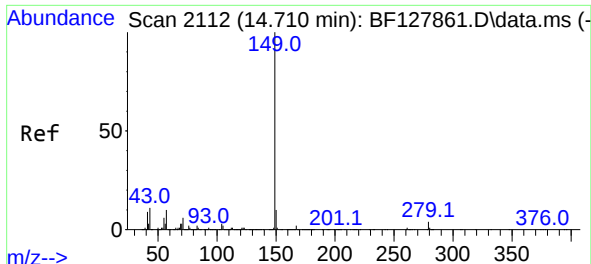


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.752 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



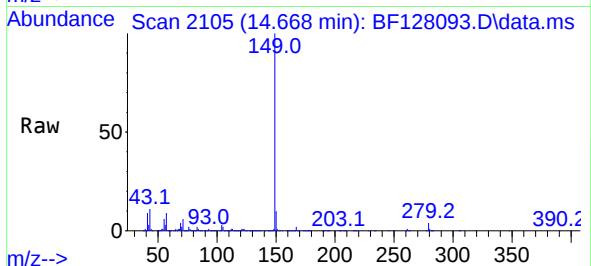
Tgt Ion:149 Resp: 517833
Ion Ratio Lower Upper
149 100
167 26.6 22.0 33.0
279 3.7 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 39.376 ng
RT: 14.668 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

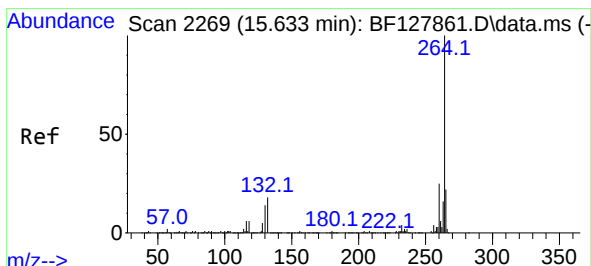
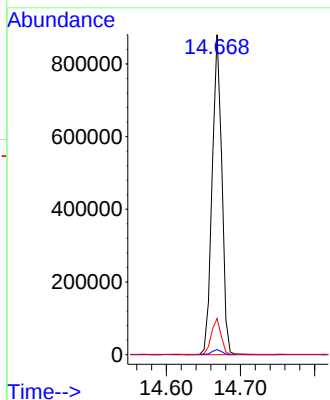
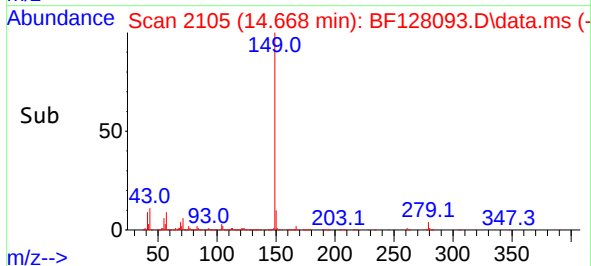
Instrument :
BNA_F
ClientSampleId :
PB144601BS



Tgt Ion:149 Resp: 794900
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 8.9 13.3

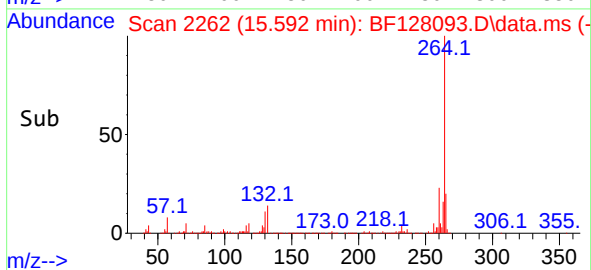
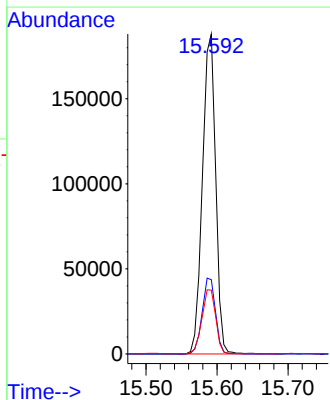
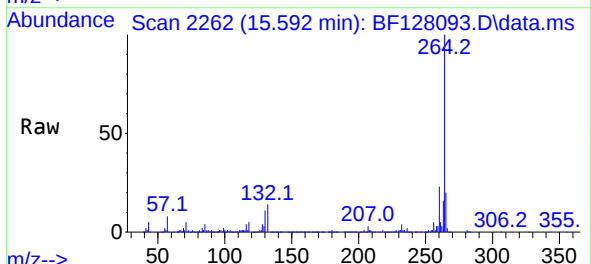
Manual Integrations
APPROVED

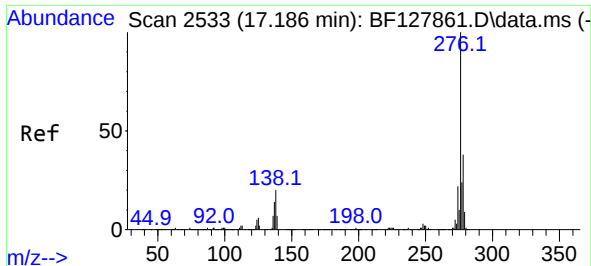
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Tgt Ion:264 Resp: 244094
Ion Ratio Lower Upper
264 100
260 23.2 20.1 30.1
265 20.0 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 35.384 ng
RT: 17.121 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

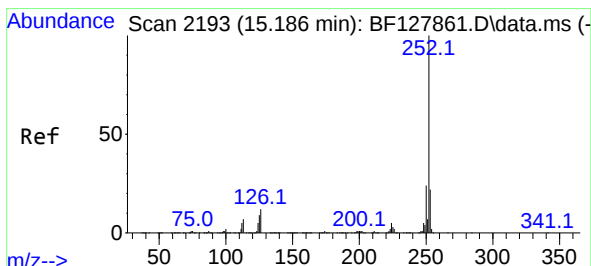
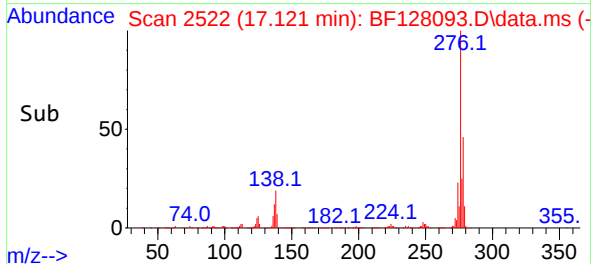
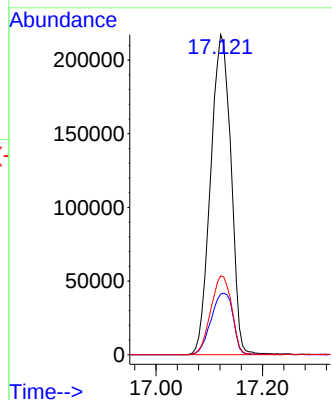
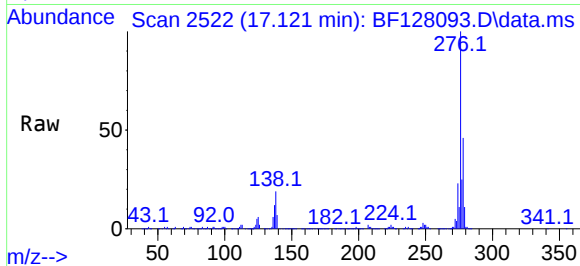
ClientSampleId :

PB144601BS

Tgt Ion:276 Resp: 57649
Ion Ratio Lower Upper
276 100
138 20.8 19.0 28.4
277 25.3 20.1 30.1

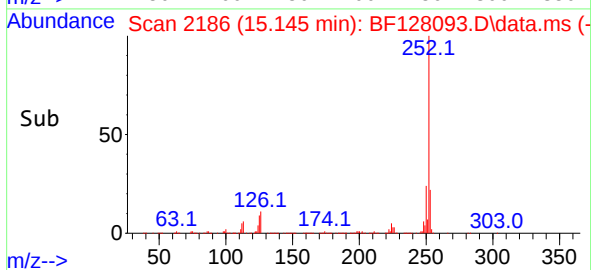
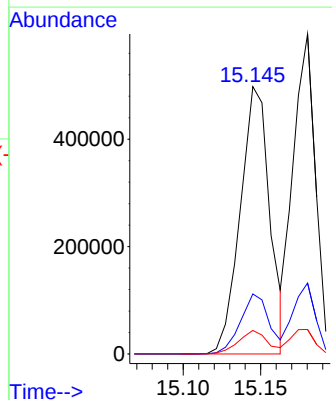
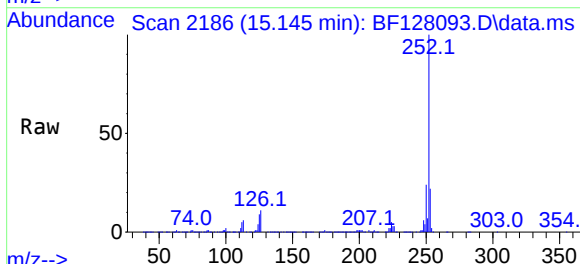
Manual Integrations
APPROVED

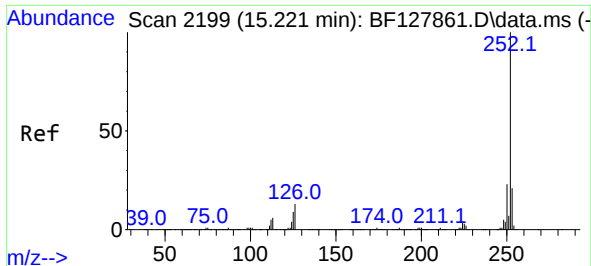
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#88
Benzo(b)fluoranthene
Concen: 43.080 ng
RT: 15.145 min Scan# 2186
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Tgt Ion:252 Resp: 660476
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 8.8 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 38.625 ng
RT: 15.180 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

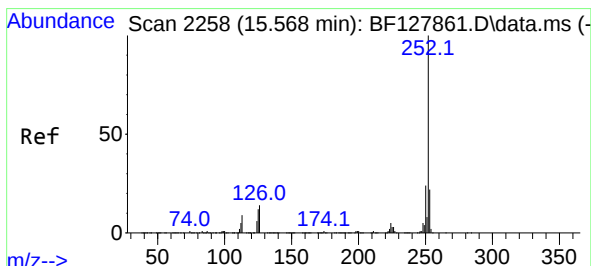
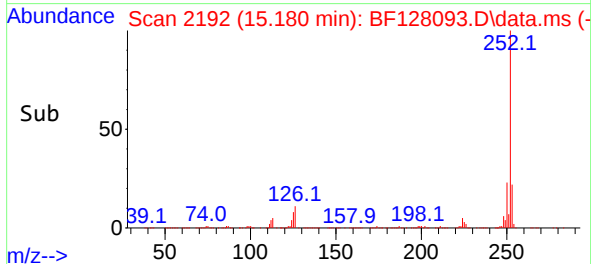
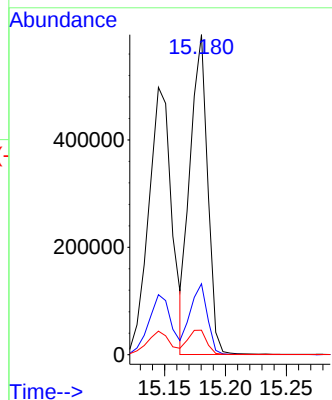
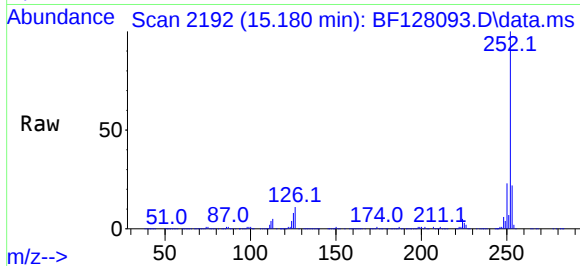
PB144601BS

Tgt Ion:252 Resp: 59659
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 7.6 6.8 10.2

Manual Integrations

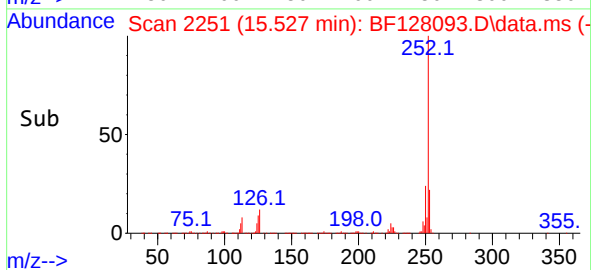
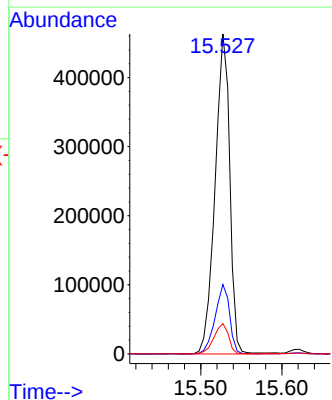
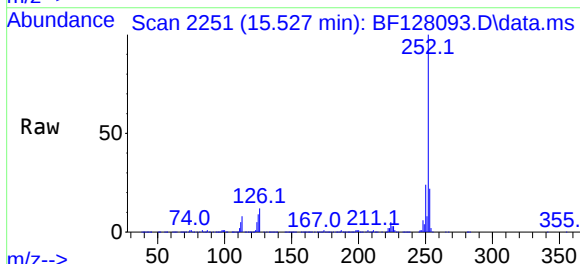
APPROVED

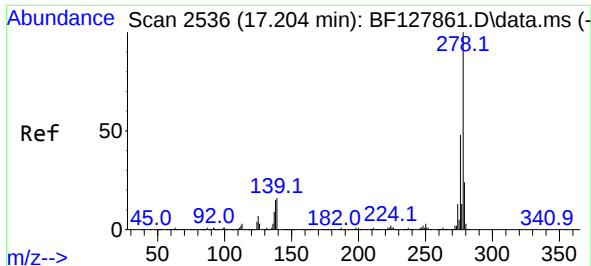
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#90
Benzo(a)pyrene
Concen: 45.719 ng
RT: 15.527 min Scan# 2251
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Tgt Ion:252 Resp: 581414
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 9.5 9.2 13.8





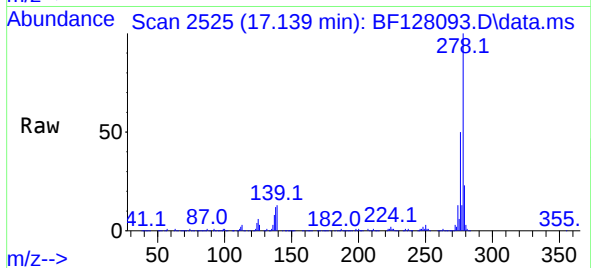
#91
Dibenzo(a,h)anthracene
Concen: 38.086 ng
RT: 17.139 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33

Instrument :

BNA_F

ClientSampleId :

PB144601BS

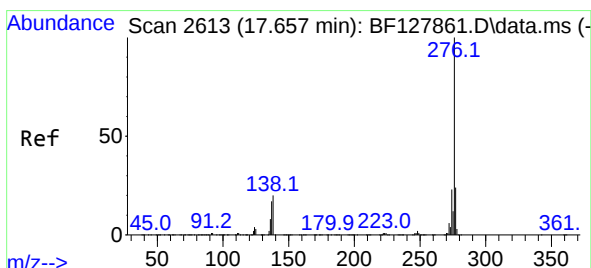
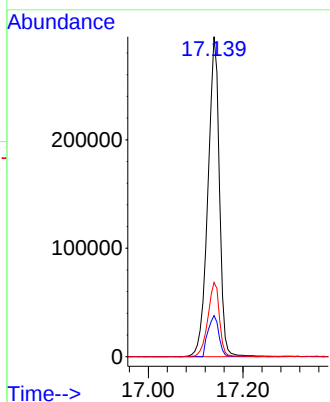
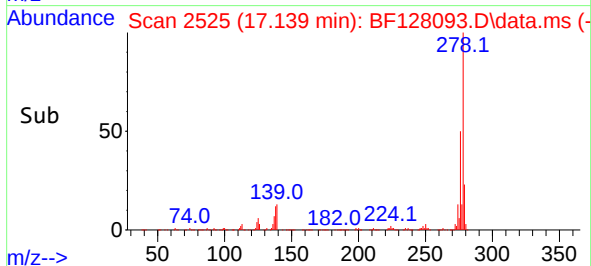


Tgt Ion:278 Resp: 497660
Ion Ratio Lower Upper
278 100
139 12.9 12.6 19.0
279 23.2 18.9 28.3

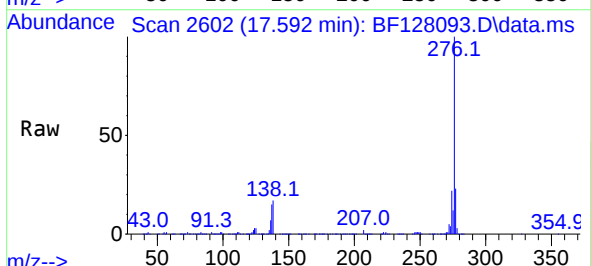
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#92
Benzo(g,h,i)perylene
Concen: 36.825 ng
RT: 17.592 min Scan# 2602
Delta R.T. -0.006 min
Lab File: BF128093.D
Acq: 05 May 2022 14:33



Tgt Ion:276 Resp: 507092
Ion Ratio Lower Upper
276 100
277 22.8 18.8 28.2
138 17.3 16.2 24.2

