

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128096.D
 Acq On : 05 May 2022 16:01
 Operator : CG\JU
 Sample : N2672-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 03MSD

Manual Integrations
 APPROVED

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

Quant Time: May 05 18:01:47 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	90441	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	366385	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	218646	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	403517	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	219793	20.000	ng	0.00
86) Perylene-d12	15.592	264	190741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	456793	80.447	ng	0.00
7) Phenol-d6	6.540	99	616118	83.623	ng	0.00
23) Nitrobenzene-d5	7.475	82	435575	55.904	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	200999	91.320	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	766482	59.305	ng	0.00
79) Terphenyl-d14	13.027	244	839469	69.839	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	105452	38.924	ng	97
3) Pyridine	3.546	79	277763	40.014	ng	99
4) n-Nitrosodimethylamine	3.516	42	167163	49.750	ng	98
6) Aniline	6.575	93	335150	38.286	ng	100
8) 2-Chlorophenol	6.692	128	297143	50.420	ng	97
9) Benzaldehyde	6.463	77	183961	40.360	ng	97
10) Phenol	6.551	94	381792m	51.378	ng	
11) bis(2-Chloroethyl)ether	6.645	93	298727	48.461	ng	100
12) 1,3-Dichlorobenzene	6.851	146	316291	46.625	ng	99
13) 1,4-Dichlorobenzene	6.928	146	319254	47.148	ng	99
14) 1,2-Dichlorobenzene	7.075	146	302071	48.189	ng	98
15) Benzyl Alcohol	7.051	79	303730	60.620	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	443916	47.118	ng	99
17) 2-Methylphenol	7.163	107	246417	48.461	ng	97
18) Hexachloroethane	7.416	117	124052	49.833	ng	96
19) n-Nitroso-di-n-propyla...	7.322	70	236556	52.450	ng	98
20) 3+4-Methylphenols	7.316	107	302524	49.250	ng	# 81
22) Acetophenone	7.322	105	420151	47.049	ng	96
24) Nitrobenzene	7.492	77	364695	48.575	ng	99
25) Isophorone	7.734	82	681125	51.941	ng	99
26) 2-Nitrophenol	7.810	139	161636	50.522	ng	96
27) 2,4-Dimethylphenol	7.839	122	284374	53.514	ng	98
28) bis(2-Chloroethoxy)met...	7.939	93	389882	46.392	ng	99
29) 2,4-Dichlorophenol	8.051	162	262890	47.222	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	287777	45.507	ng	98
31) Naphthalene	8.216	128	855573	45.849	ng	99
32) Benzoic acid	7.981	122	174919	45.924	ng	95
33) 4-Chloroaniline	8.257	127	142169	19.255	ng	97
34) Hexachlorobutadiene	8.322	225	189914	47.679	ng	98
35) Caprolactam	8.645	113	87971m	48.953	ng	
36) 4-Chloro-3-methylphenol	8.745	107	300668	50.570	ng	95
37) 2-Methylnaphthalene	8.904	142	595775	48.309	ng	98
38) 1-Methylnaphthalene	9.004	142	559735	46.695	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	293995	45.619	ng	97
41) Hexachlorocyclopentadiene	9.051	237	329247	94.296	ng	99
43) 2,4,6-Trichlorophenol	9.186	196	199632	47.077	ng	99

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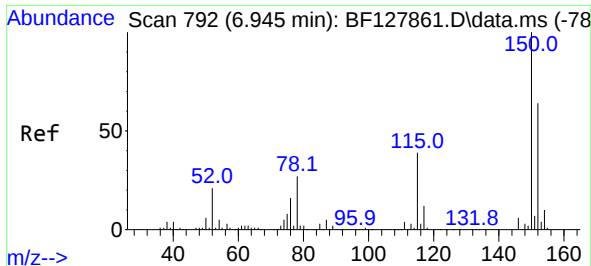
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	210622	45.690	ng	97
46) 1,1'-Biphenyl	9.369	154	740168	45.700	ng	100
47) 2-Chloronaphthalene	9.398	162	554059	44.937	ng	98
48) 2-Nitroaniline	9.498	65	205718	49.325	ng	98
49) Acenaphthylene	9.816	152	910508	48.277	ng	99
50) Dimethylphthalate	9.675	163	691061	47.128	ng	99
51) 2,6-Dinitrotoluene	9.739	165	157539	49.621	ng	95
52) Acenaphthene	9.986	154	656179m	51.750	ng	
53) 3-Nitroaniline	9.910	138	91972	26.088	ng	98
54) 2,4-Dinitrophenol	10.022	184	164351	98.296	ng	# 84
55) Dibenzofuran	10.163	168	815410	44.573	ng	100
56) 4-Nitrophenol	10.080	139	221442	82.257	ng	93
57) 2,4-Dinitrotoluene	10.145	165	209697	49.864	ng	# 80
58) Fluorene	10.504	166	655474	48.017	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	180284	46.508	ng	99
60) Diethylphthalate	10.375	149	688396	47.875	ng	98
61) 4-Chlorophenyl-phenyle...	10.492	204	322698	47.572	ng	98
62) 4-Nitroaniline	10.533	138	151936	44.082	ng	96
63) Azobenzene	10.651	77	735905	46.511	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	116700	48.672	ng	96
66) n-Nitrosodiphenylamine	10.616	169	570595	45.445	ng	100
67) 4-Bromophenyl-phenylether	10.986	248	207118	46.302	ng	# 89
68) Hexachlorobenzene	11.051	284	229248	48.642	ng	93
69) Atrazine	11.139	200	209402	53.935	ng	96
70) Pentachlorophenol	11.245	266	238149	85.893	ng	96
71) Phenanthrene	11.469	178	1084868	51.361	ng	100
72) Anthracene	11.522	178	995556	47.315	ng	99
73) Carbazole	11.680	167	856766	42.249	ng	99
74) Di-n-butylphthalate	11.998	149	1074112	47.104	ng	99
75) Fluoranthene	12.663	202	1186478	53.372	ng	98
77) Benzidine	12.780	184	370775	89.154	ng	98
78) Pyrene	12.892	202	1239796	69.876	ng	99
80) Butylbenzylphthalate	13.498	149	389840	56.057	ng	99
81) Benzo(a)anthracene	14.080	228	801596	54.717	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	127572	27.426	ng	97
83) Chrysene	14.121	228	711107	50.825	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	513382	55.667	ng	100
85) Di-n-octyl phthalate	14.668	149	706447	49.430	ng	100
87) Indeno(1,2,3-cd)pyrene	17.121	276	675667	53.070	ng	96
88) Benzo(b)fluoranthene	15.151	252	670794	55.992	ng	98
89) Benzo(k)fluoranthene	15.180	252	561748	46.542	ng	98
90) Benzo(a)pyrene	15.527	252	620857	62.476	ng	97
91) Dibenzo(a,h)anthracene	17.145	278	549847	53.850	ng	96
92) Benzo(g,h,i)perylene	17.598	276	602541	55.995	ng	97

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



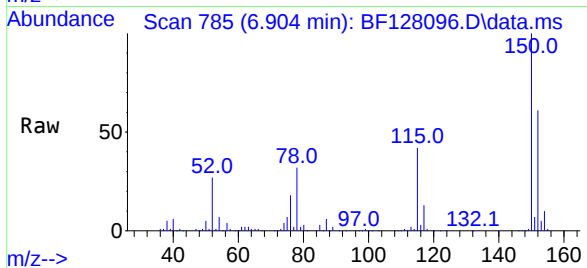
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

Instrument :

BNA_F

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03MSD

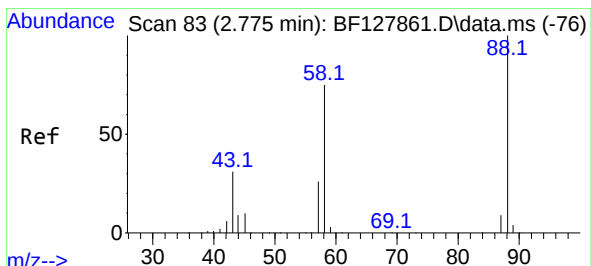
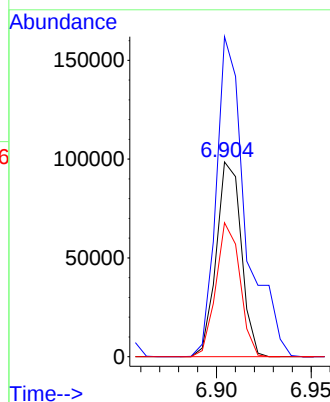
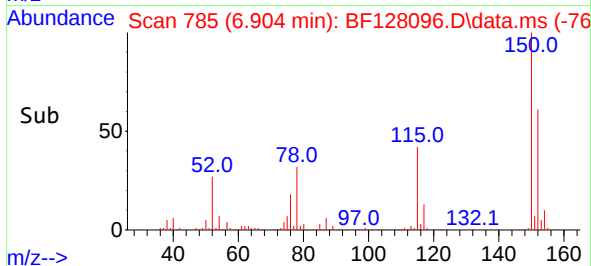


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Ion Ratio Lower Upper
152 100
150 164.3 125.3 187.9
115 68.8 48.8 73.2

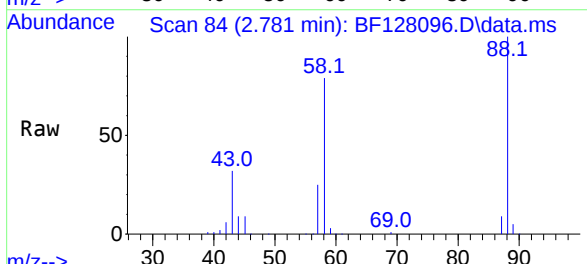
Manual Integrations

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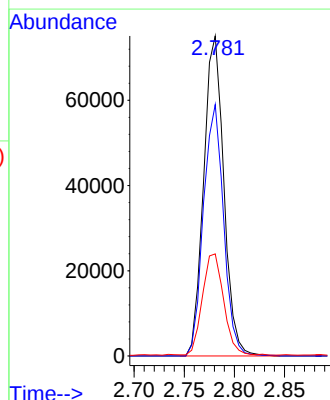
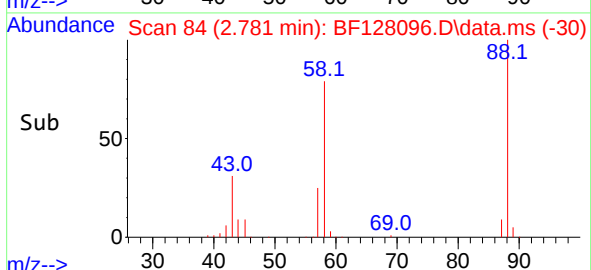
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

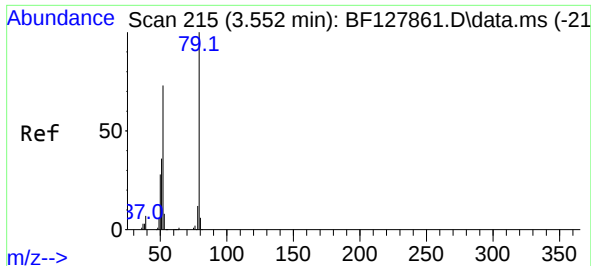


#2
1,4-Dioxane
Concen: 38.924 ng
RT: 2.781 min Scan# 84
Delta R.T. 0.018 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



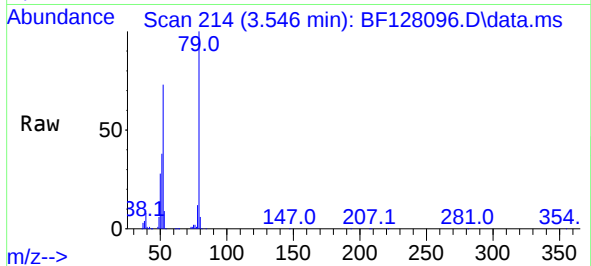
Tgt Ion: 88 Resp: 105452
Ion Ratio Lower Upper
88 100
58 78.4 61.0 91.4
43 33.5 24.9 37.3





#3
Pyridine
Concen: 40.014 ng
RT: 3.546 min Scan# 215
Delta R.T. 0.018 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

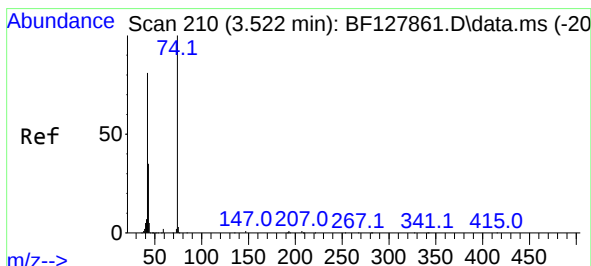
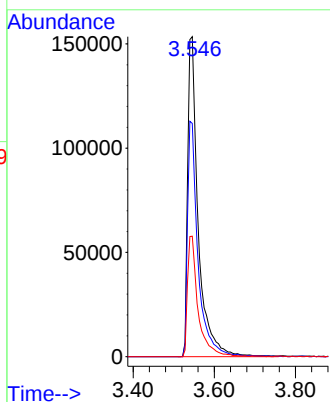
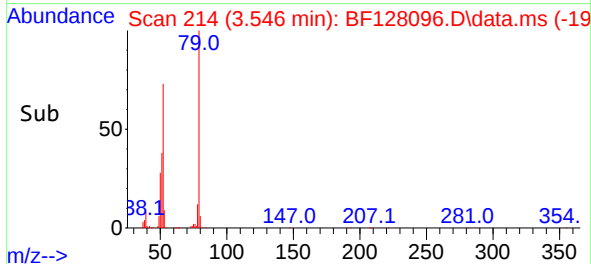
Instrument :
BNA_F
ClientSampleId :
03MSD



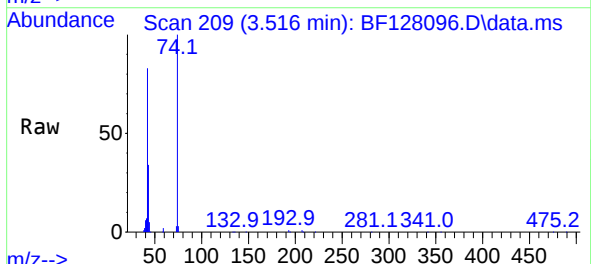
Tgt Ion: 79 Resp: 27776
Ion Ratio Lower Upper
79 100
52 72.9 58.3 87.5
51 37.7 28.6 42.8

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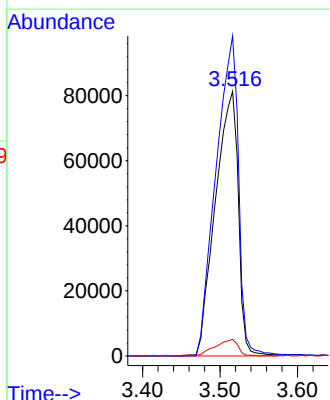
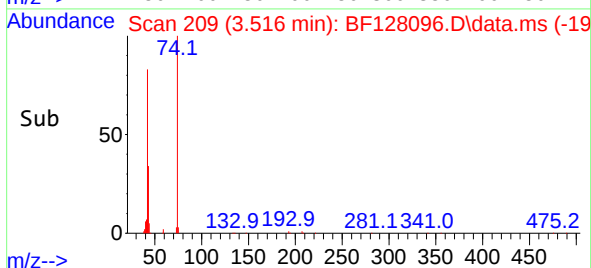
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

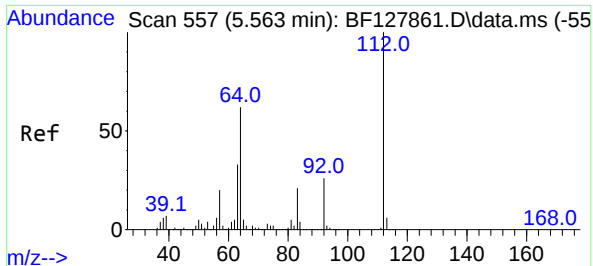


#4
n-Nitrosodimethylamine
Concen: 49.750 ng
RT: 3.516 min Scan# 209
Delta R.T. 0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



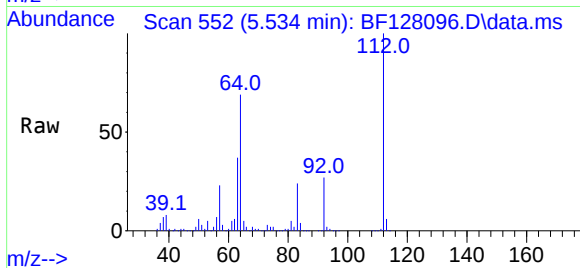
Tgt Ion: 42 Resp: 167163
Ion Ratio Lower Upper
42 100
74 120.9 99.0 148.4
44 6.3 5.2 7.8





#5
2-Fluorophenol
Concen: 80.447 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

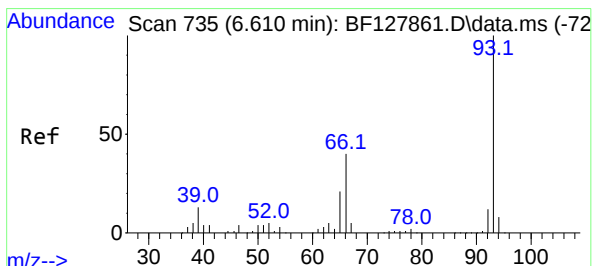
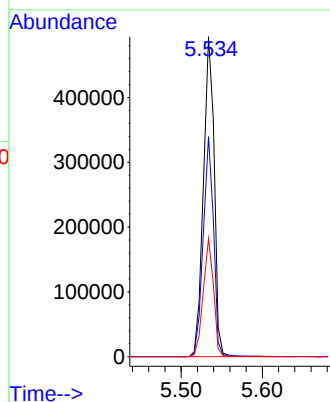
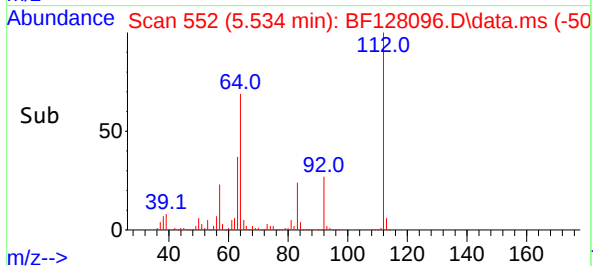
Instrument :
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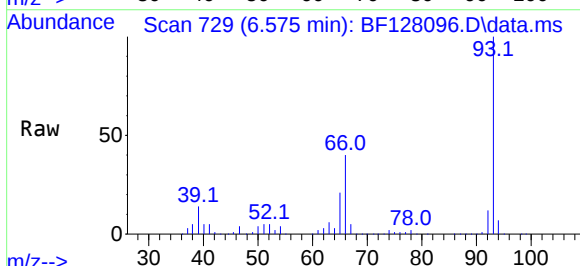
Tgt Ion:112 Resp: 45679
Ion Ratio Lower Upper
112 100
64 68.8 49.5 74.3
63 37.0 26.3 39.5

Manual Integrations
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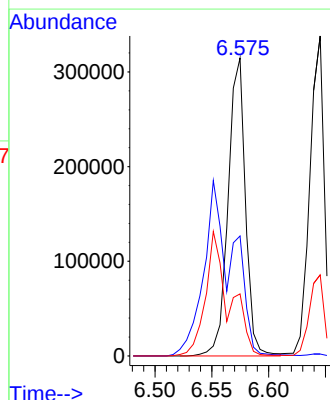
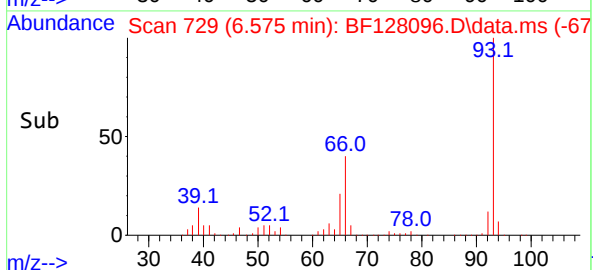
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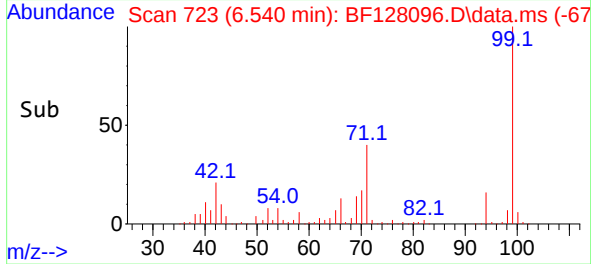
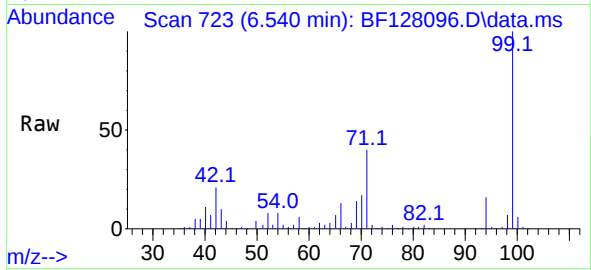
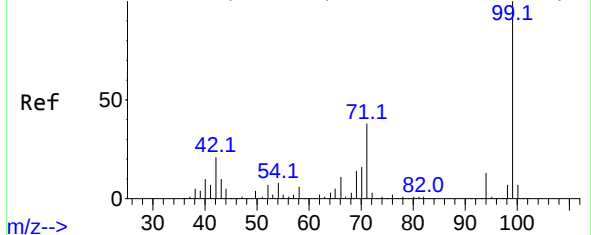
#6
Aniline
Concen: 38.286 ng
RT: 6.575 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



Tgt Ion: 93 Resp: 335150
Ion Ratio Lower Upper
93 100
66 40.3 32.2 48.4
65 20.8 16.7 25.1



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



#7

Phenol-d6

Concen: 83.623 ng

RT: 6.540 min Scan# 718

Delta R.T. -0.006 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Instrument :

BNA_F

ClientSampleId :

03MSD

Tgt Ion: 99 Resp: 616118

Ion Ratio Lower Upper

99 100

42 21.5 16.6 24.8

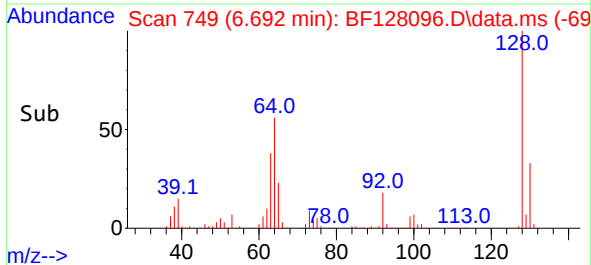
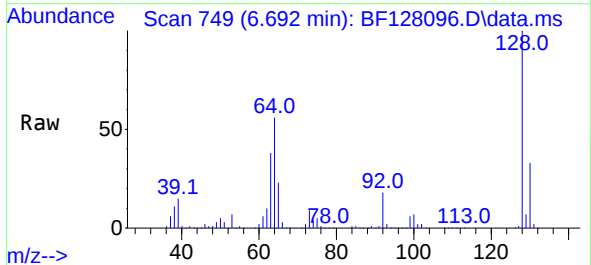
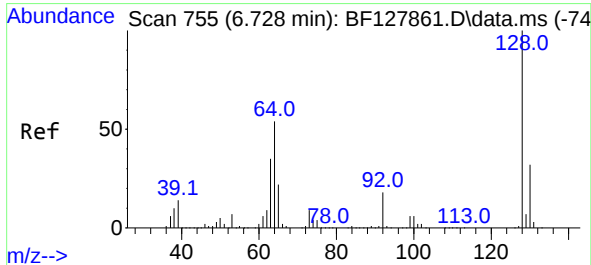
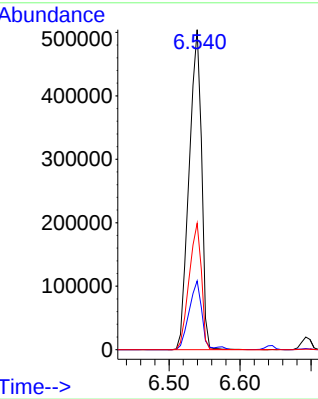
71 39.5 30.0 45.0

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#8

2-Chlorophenol

Concen: 50.420 ng

RT: 6.692 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

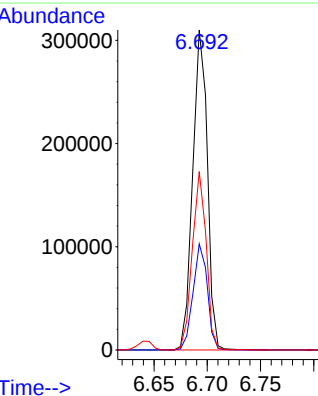
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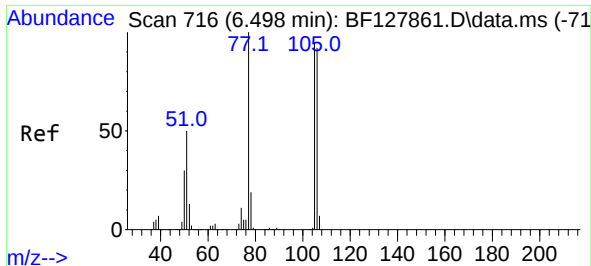
Ion Ratio Lower Upper

128 100

130 33.1 11.6 51.6

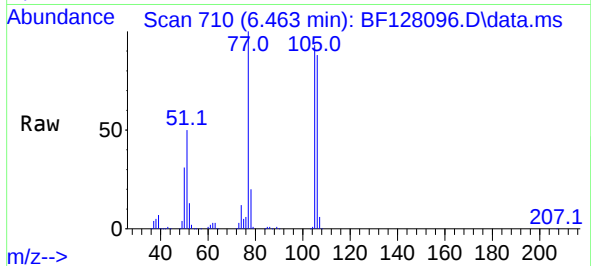
64 55.8 33.8 73.8





#9
Benzaldehyde
Concen: 40.360 ng
RT: 6.463 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

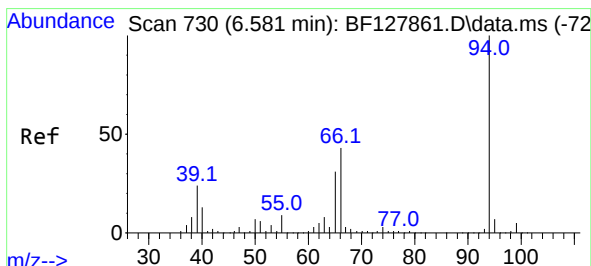
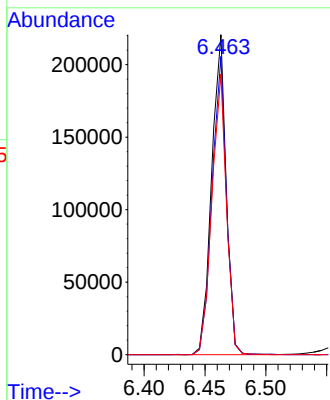
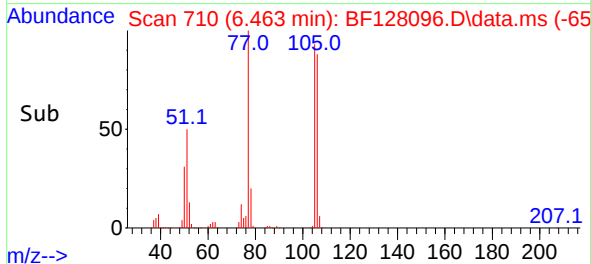
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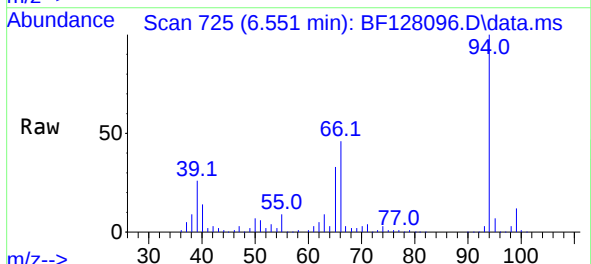
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Ion Ratio Lower Upper
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105 93.2 74.9 114.9
106 87.7 72.2 112.2

Manual Integrations
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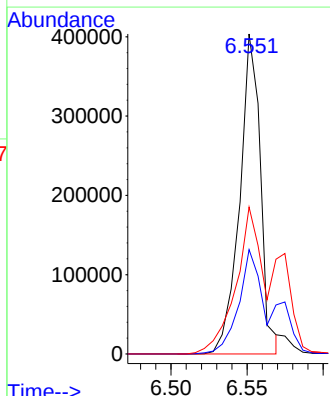
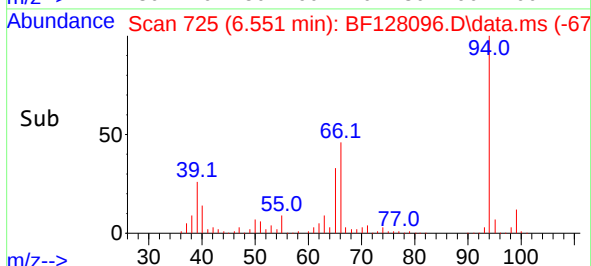
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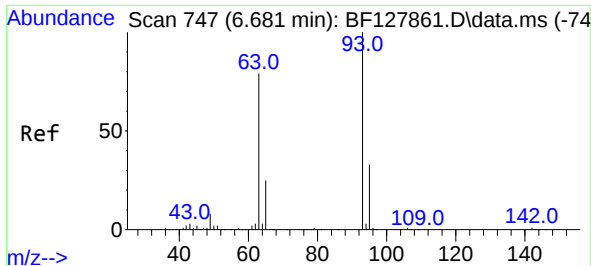


#10
Phenol
Concen: 51.378 ng m
RT: 6.551 min Scan# 725
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



Tgt Ion: 94 Resp: 381792
Ion Ratio Lower Upper
94 100
65 32.6 10.6 50.6
66 45.9 22.6 62.6





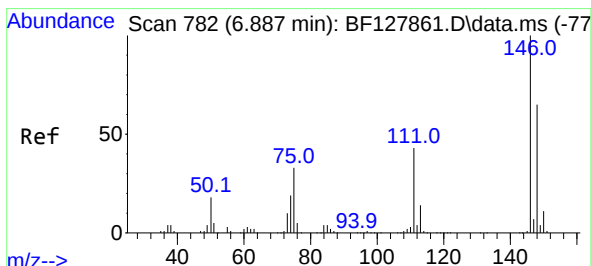
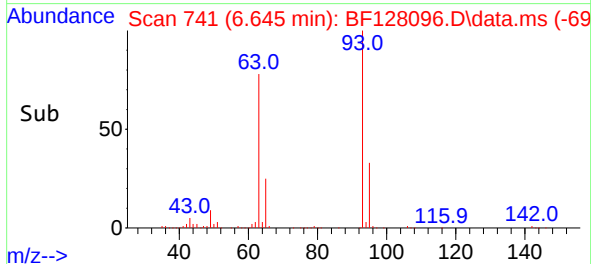
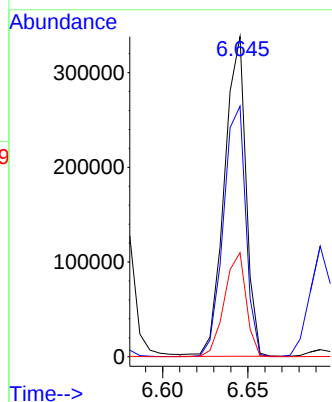
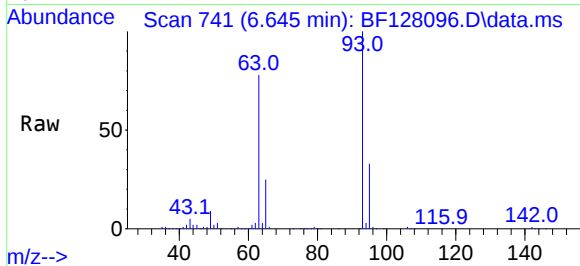
#11
bis(2-Chloroethyl)ether
Concen: 48.461 ng
RT: 6.645 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

Instrument :
BNA_F
ClientSampleId :
03MSD

Tgt Ion: 93 Resp: 29872
Ion Ratio Lower Upper
93 100
63 78.3 58.6 98.6
95 32.5 12.9 52.9

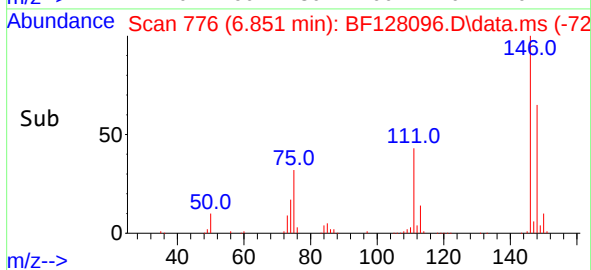
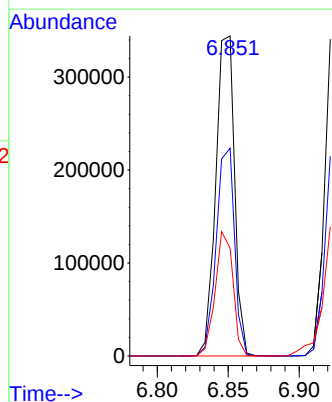
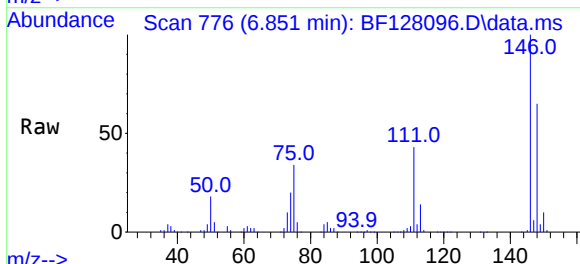
Manual Integrations
APPROVED

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

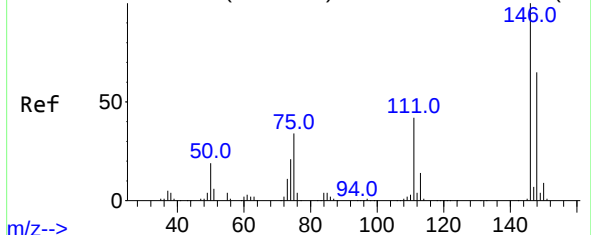


#12
1,3-Dichlorobenzene
Concen: 46.625 ng
RT: 6.851 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

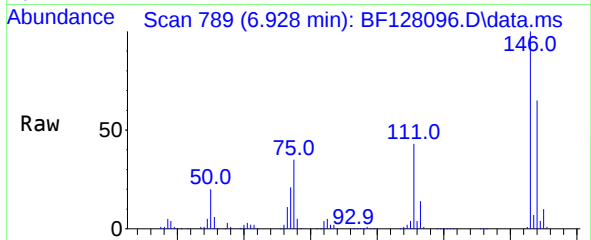
Tgt Ion:146 Resp: 316291
Ion Ratio Lower Upper
146 100
148 64.9 52.1 78.1
75 33.7 26.2 39.4



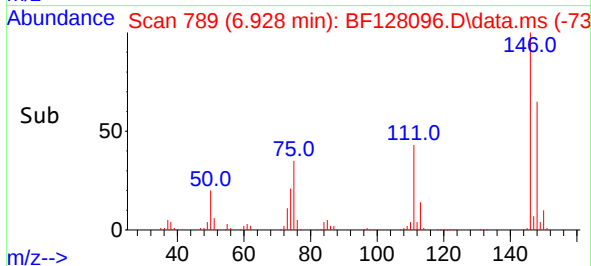
Abundance Scan 795 (6.963 min): BF127861.D\data.ms (-78



m/z-->



m/z-->



m/z-->

#13

1,4-Dichlorobenzene

Concen: 47.148 ng

RT: 6.928 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Instrument :

BNA_F

ClientSampleId :

03MSD

Tgt Ion:146 Resp: 319254

Ion Ratio Lower Upper

146 100

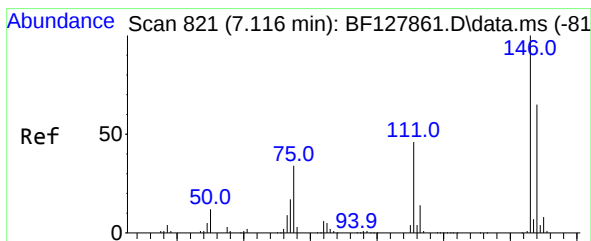
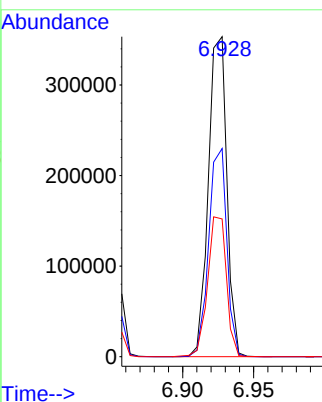
148 65.1 52.3 78.5

111 43.0 33.9 50.9

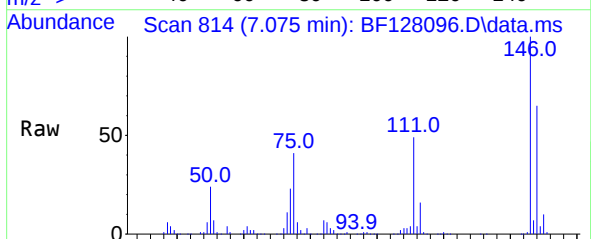
Manual Integrations

APPROVED

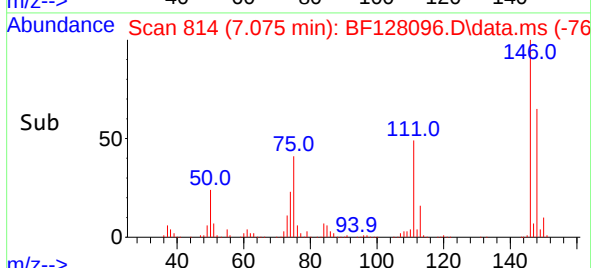
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



m/z-->



m/z-->



m/z-->

#14

1,2-Dichlorobenzene

Concen: 48.189 ng

RT: 7.075 min Scan# 814

Delta R.T. -0.006 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

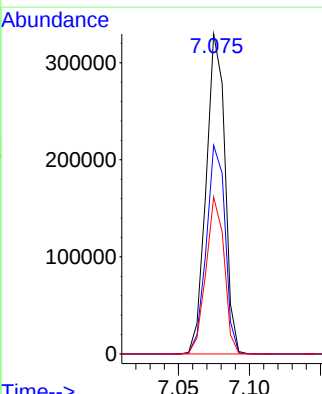
Tgt Ion:146 Resp: 302071

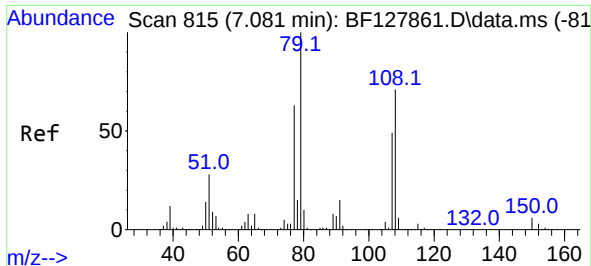
Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.6

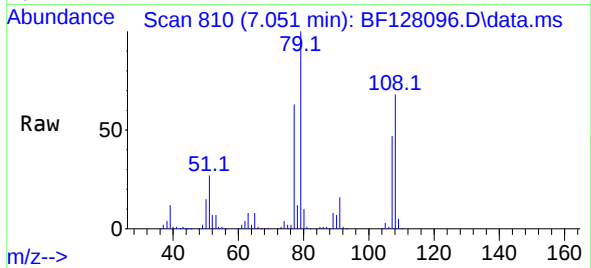
111 49.0 36.6 55.0





#15
Benzyl Alcohol
Concen: 60.620 ng
RT: 7.051 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

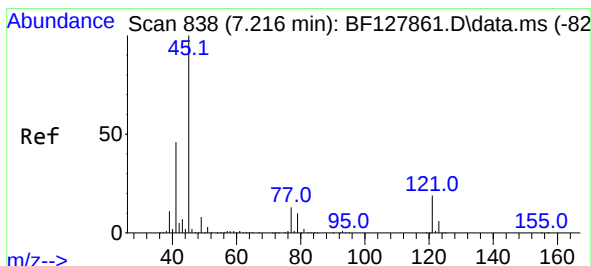
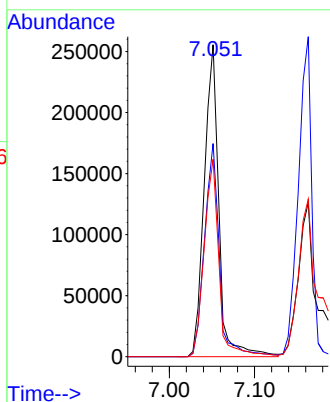
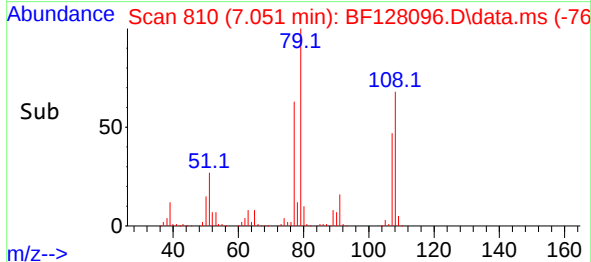
Instrument :
BNA_F
ClientSampleId :
03MSD



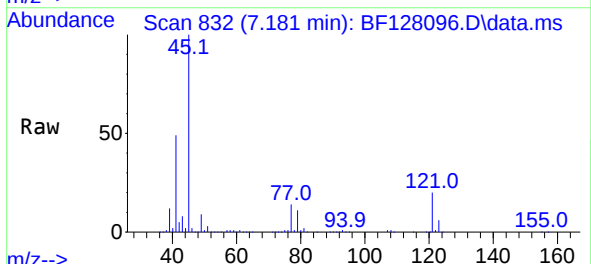
Tgt Ion: 79 Resp: 303730
Ion Ratio Lower Upper
79 100
108 68.3 57.0 85.6
77 63.3 50.2 75.4

Manual Integrations
APPROVED

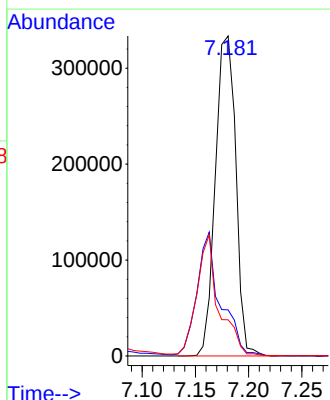
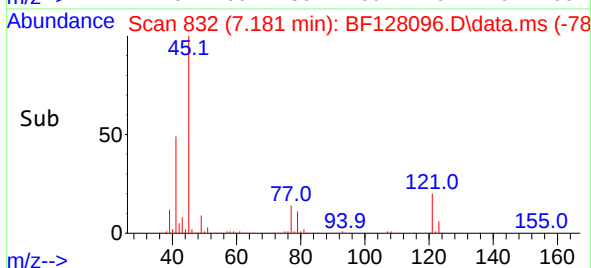
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

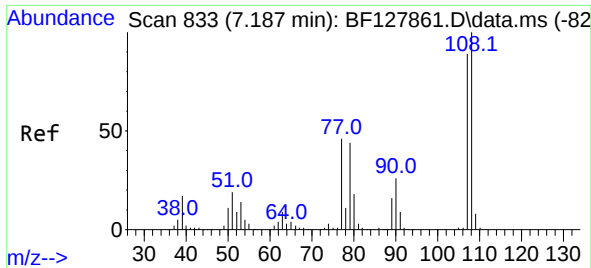


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.118 ng
RT: 7.181 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



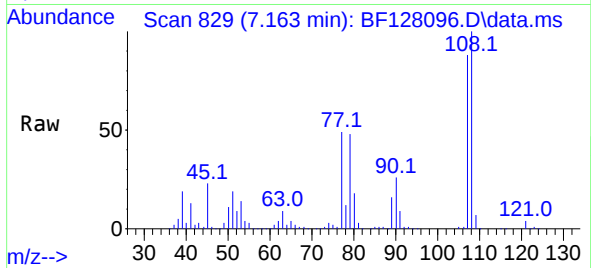
Tgt Ion: 45 Resp: 443916
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.9
79 11.3 0.0 31.6





#17
2-Methylphenol
Concen: 48.461 ng
RT: 7.163 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

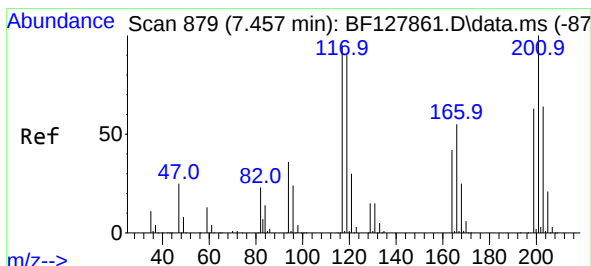
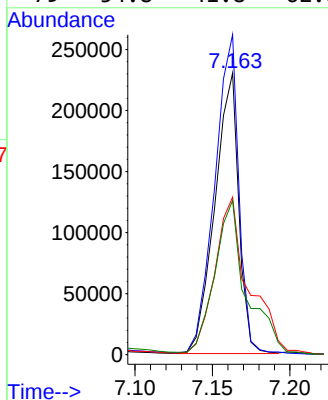
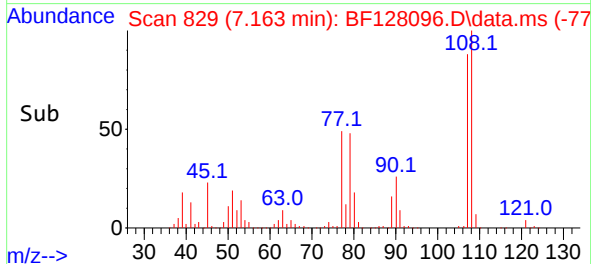
Instrument :
BNA_F
ClientSampleId :
03MSD



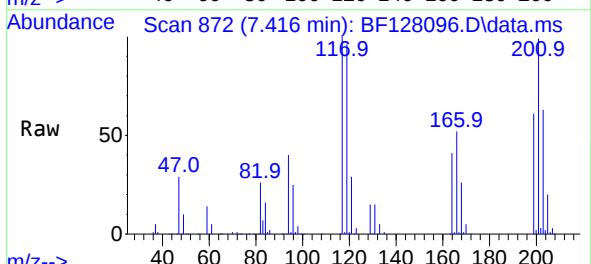
Tgt Ion:107 Resp: 24641
Ion Ratio Lower Upper
107 100
108 113.7 90.2 135.2
77 56.0 41.9 62.9
79 54.8 41.8 62.8

Manual Integrations
APPROVED

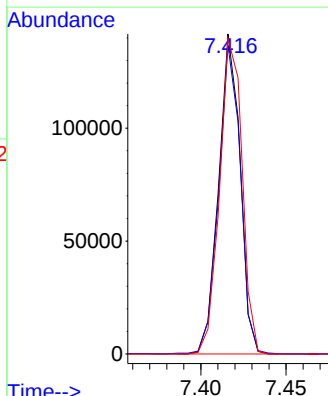
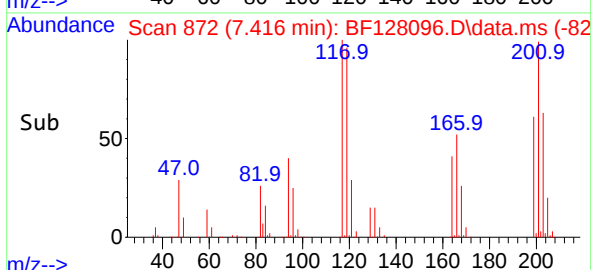
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

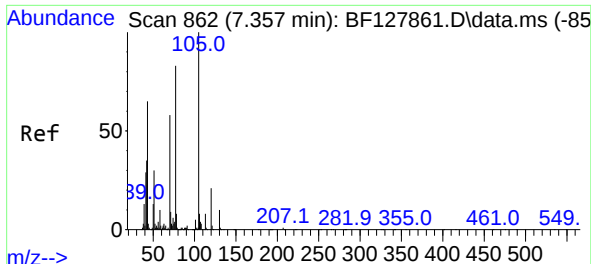


#18
Hexachloroethane
Concen: 49.833 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



Tgt Ion:117 Resp: 124052
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.4
201 98.6 84.4 126.6





#19

n-Nitroso-di-n-propylamine

Concen: 52.450 ng

RT: 7.322 min Scan# 856

Delta R.T. -0.006 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Instrument :

BNA_F

ClientSampleId :

03MSD

Tgt Ion: 70 Resp: 236550

Ion Ratio Lower Upper

70 100

42 62.5 48.7 73.1

101 9.0 7.2 10.8

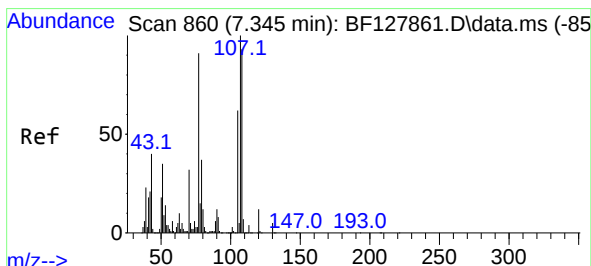
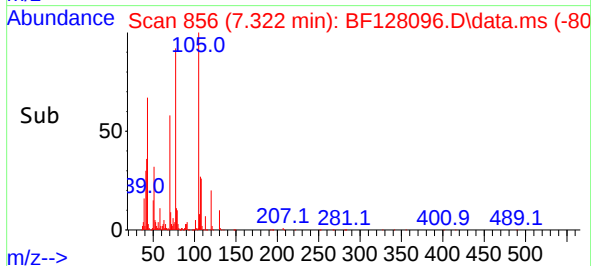
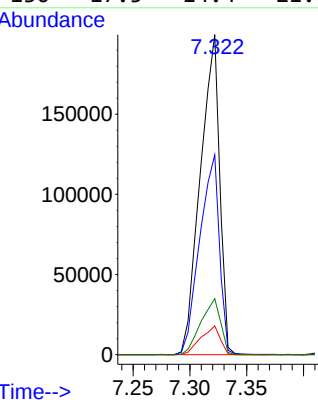
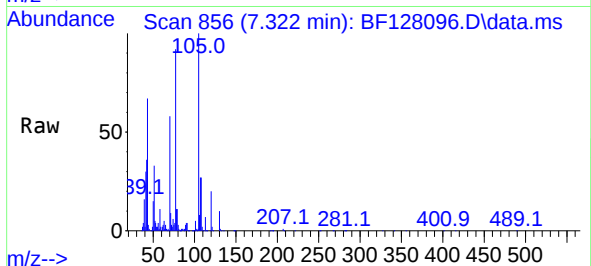
130 17.5 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/06/2022

Supervised By :mohammad ahmed 05/09/2022



#20

3+4-Methylphenols

Concen: 49.250 ng

RT: 7.316 min Scan# 855

Delta R.T. 0.000 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Tgt Ion:107 Resp: 302524

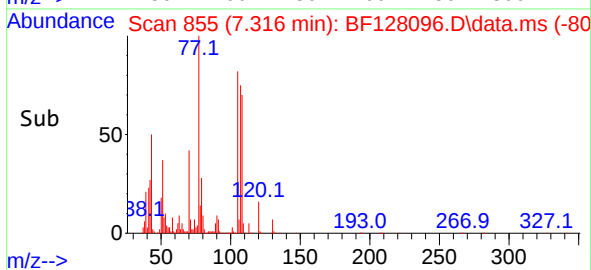
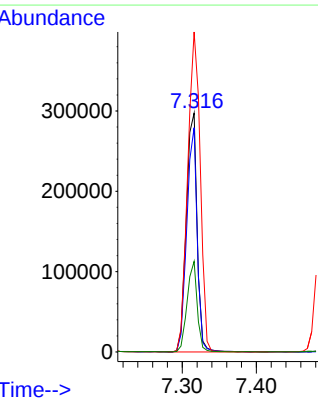
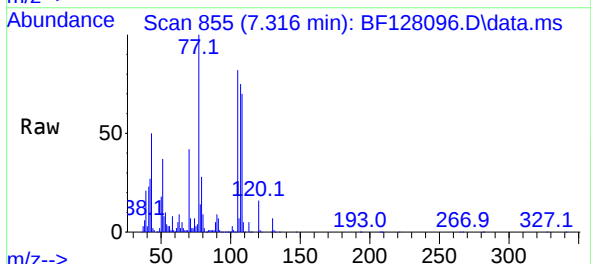
Ion Ratio Lower Upper

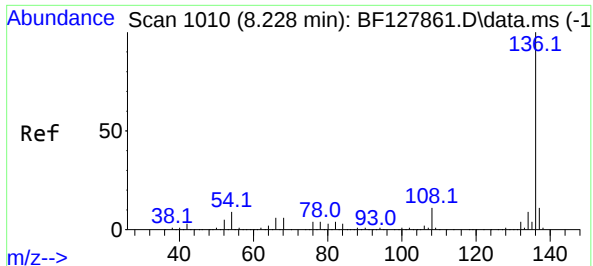
107 100

108 93.9 73.4 113.4

77 133.9 71.1 111.1#

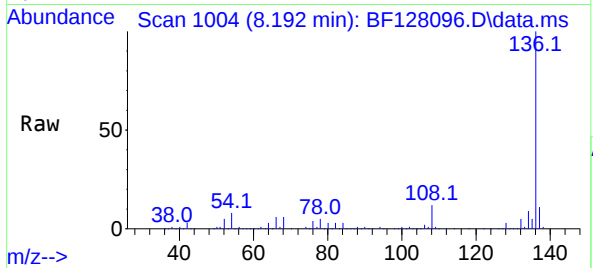
79 37.9 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

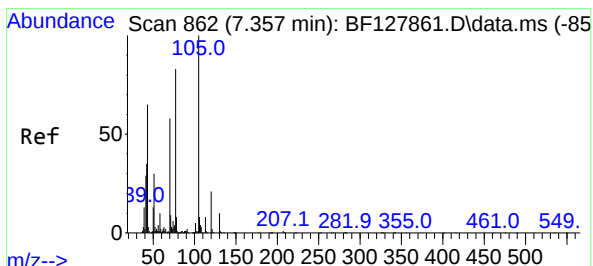
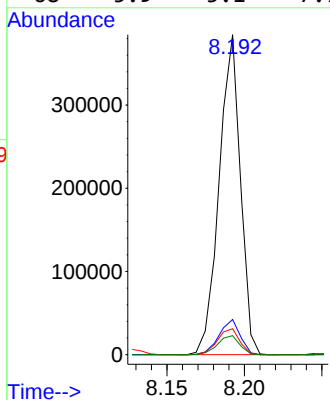
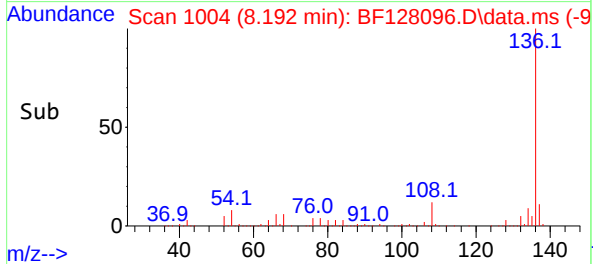
Instrument :
BNA_F
ClientSampleId :
03MSD



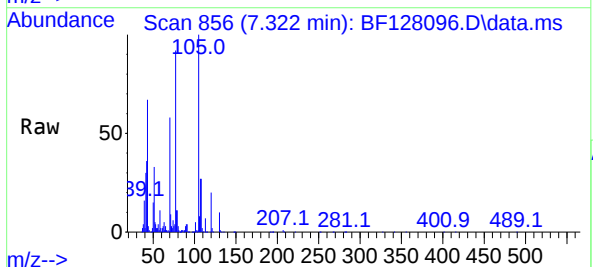
Tgt Ion:136 Resp: 36638
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.1 6.8 10.2
68 5.9 5.1 7.7

Manual Integrations
APPROVED

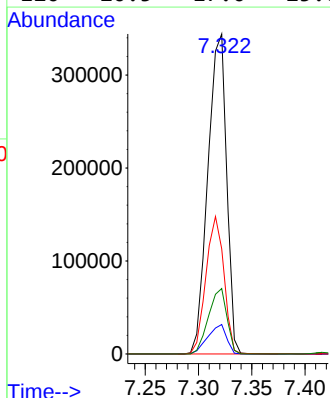
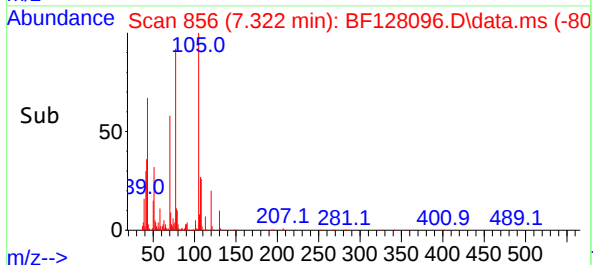
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#22
Acetophenone
Concen: 47.049 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



Tgt Ion:105 Resp: 420151
Ion Ratio Lower Upper
105 100
71 9.2 7.3 10.9
51 32.9 23.7 35.5
120 20.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 55.904 ng

RT: 7.475 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Instrument :

BNA_F

ClientSampleId :

03MSD

Tgt Ion: 82 Resp: 43557

Ion Ratio Lower Upper

82 100

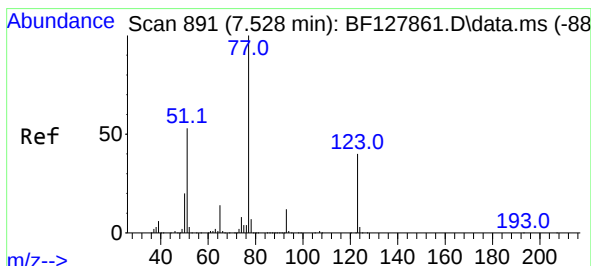
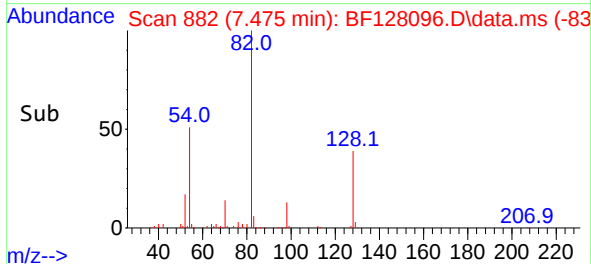
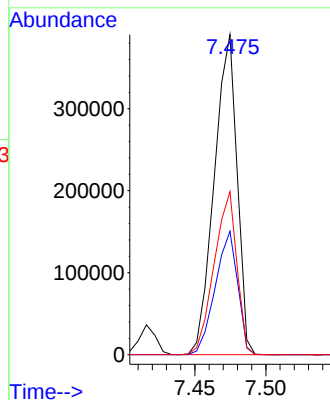
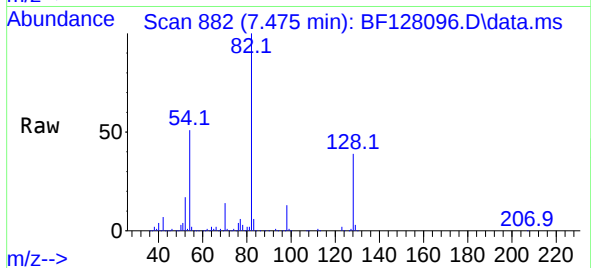
128 38.5 30.0 45.0

54 50.9 41.3 61.9

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 48.575 ng

RT: 7.492 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

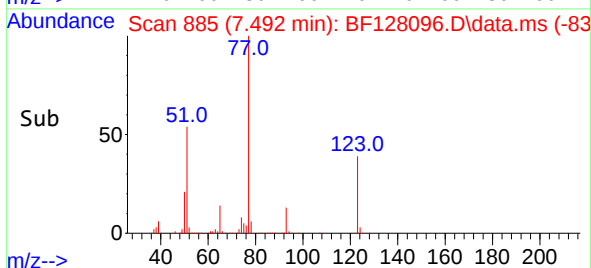
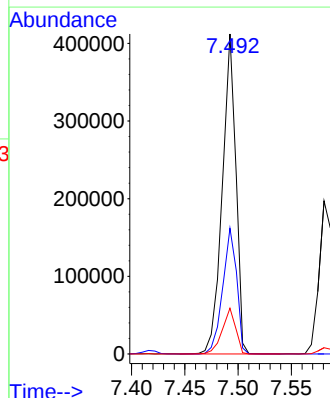
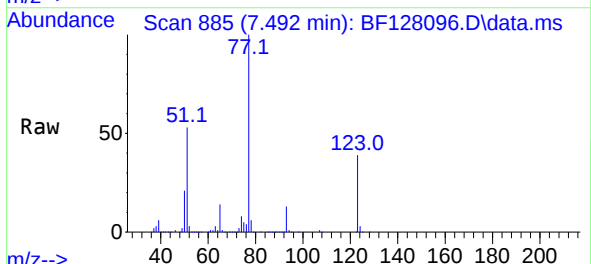
Tgt Ion: 77 Resp: 364695

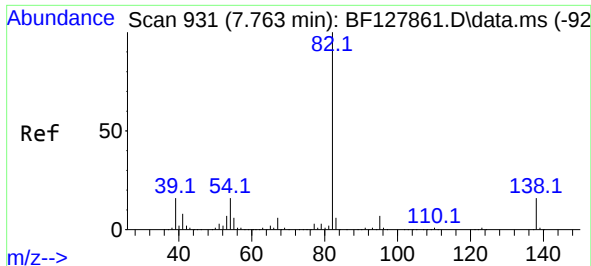
Ion Ratio Lower Upper

77 100

123 39.3 32.0 48.0

65 14.3 11.0 16.6





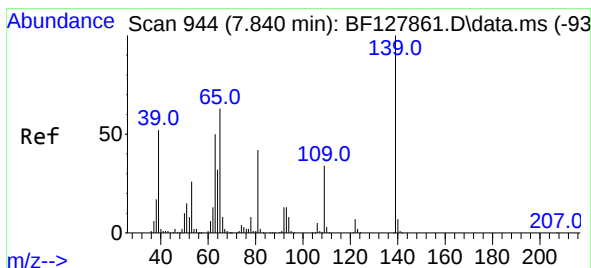
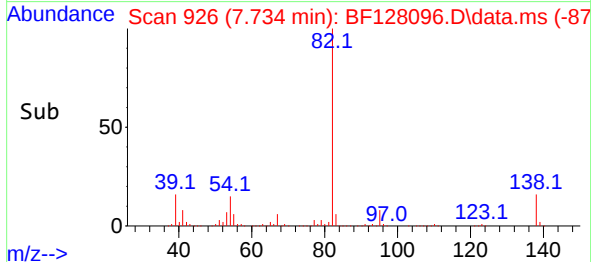
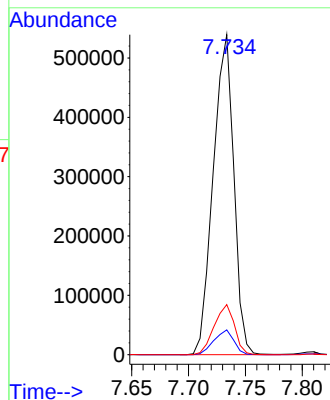
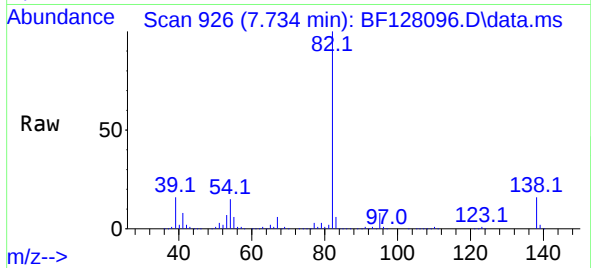
#25
Isophorone
Concen: 51.941 ng
RT: 7.734 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

Instrument :
BNA_F
ClientSampleId :
03MSD

Tgt Ion: 82 Resp: 68112
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 15.6 12.5 18.7

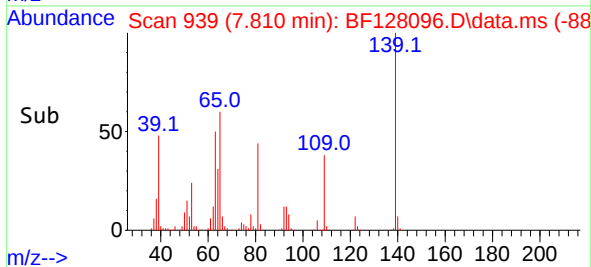
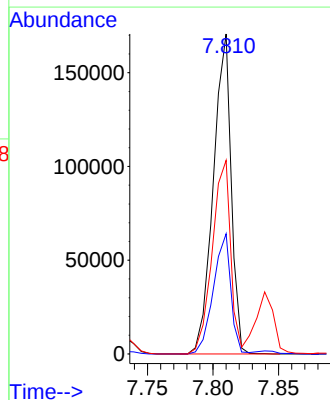
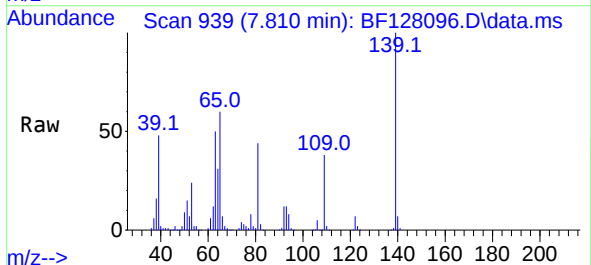
Manual Integrations
APPROVED

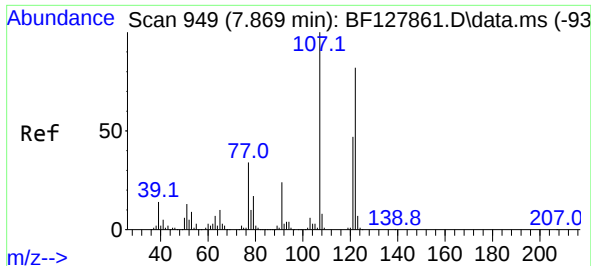
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#26
2-Nitrophenol
Concen: 50.522 ng
RT: 7.810 min Scan# 939
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

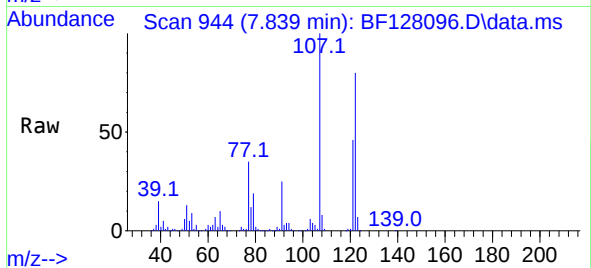
Tgt Ion:139 Resp: 161636
Ion Ratio Lower Upper
139 100
109 37.5 27.4 41.2
65 60.5 50.8 76.2





#27
2,4-Dimethylphenol
Concen: 53.514 ng
RT: 7.839 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

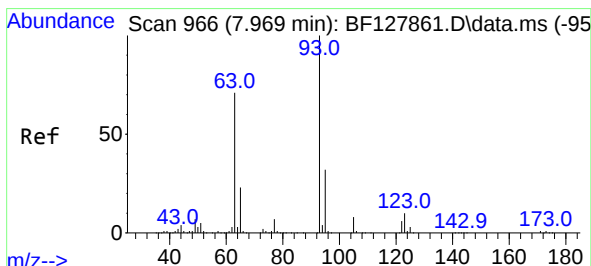
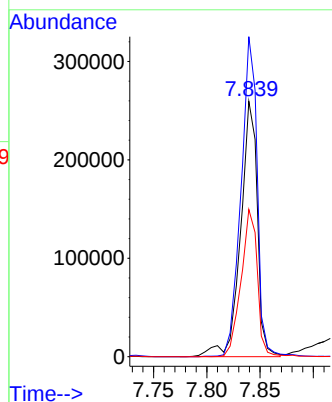
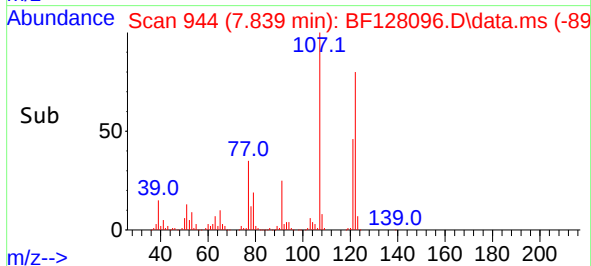
Instrument :
BNA_F
ClientSampleId :
03MSD



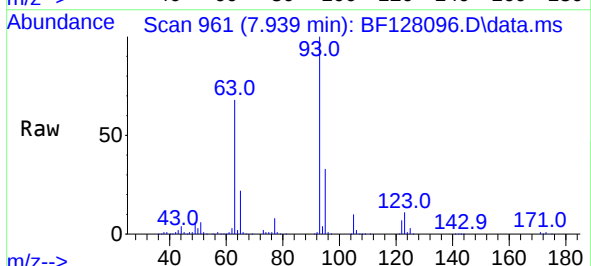
Tgt Ion:122 Resp: 284374
Ion Ratio Lower Upper
122 100
107 125.3 97.5 146.3
121 57.6 46.0 69.0

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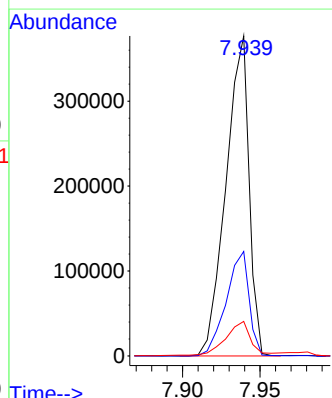
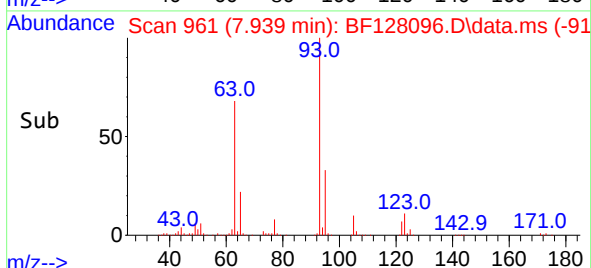
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

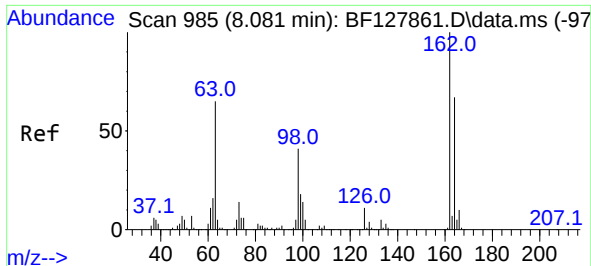


#28
bis(2-Chloroethoxy)methane
Concen: 46.392 ng
RT: 7.939 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



Tgt Ion: 93 Resp: 389882
Ion Ratio Lower Upper
93 100
95 32.6 25.7 38.5
123 10.8 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 47.222 ng

RT: 8.051 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Instrument :

BNA_F

ClientSampleId :

03MSD

Tgt Ion:162 Resp: 262890

Ion Ratio Lower Upper

162 100

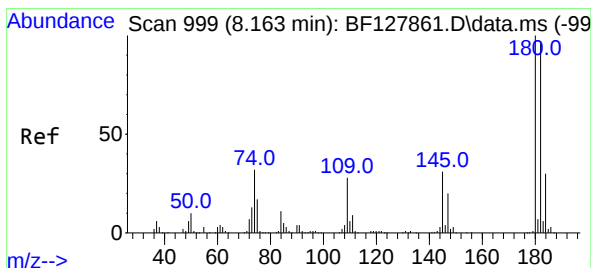
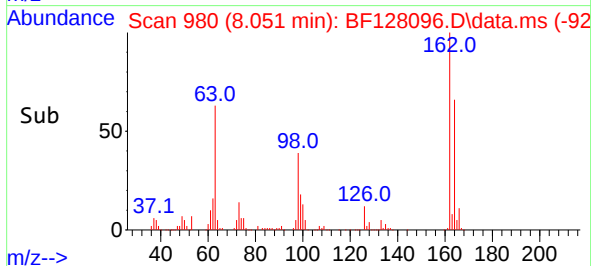
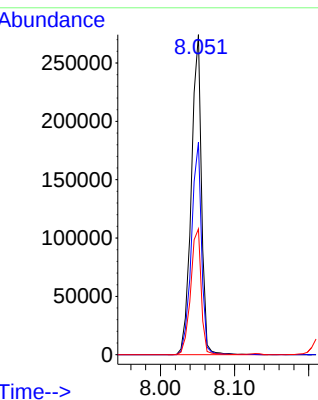
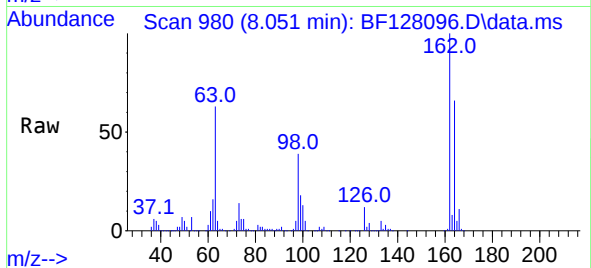
164 66.4 47.1 87.1

98 39.3 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: 45.507 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

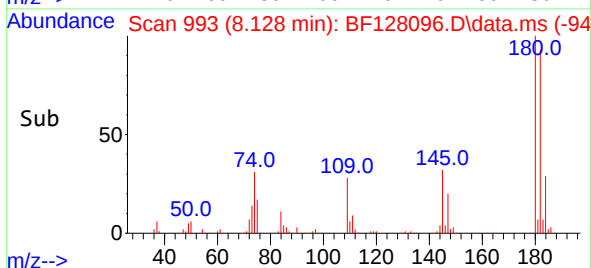
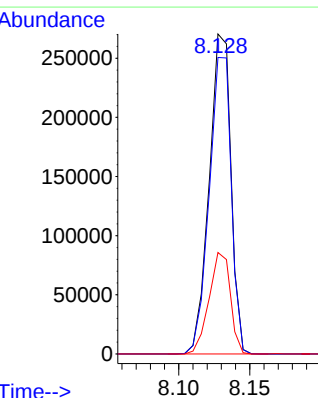
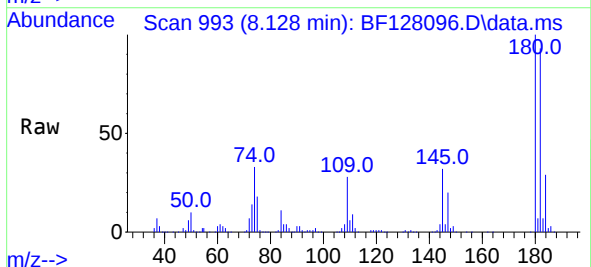
Tgt Ion:180 Resp: 287777

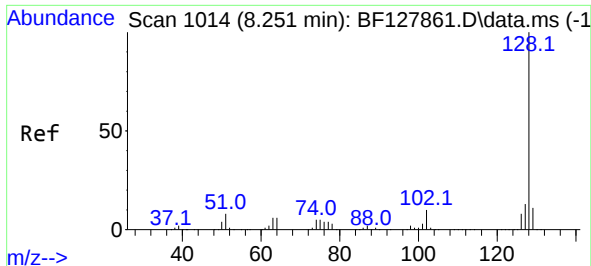
Ion Ratio Lower Upper

180 100

182 92.6 76.4 114.6

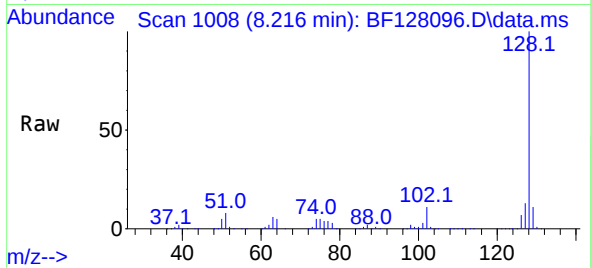
145 31.7 25.1 37.7





#31
Naphthalene
Concen: 45.849 ng
RT: 8.216 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

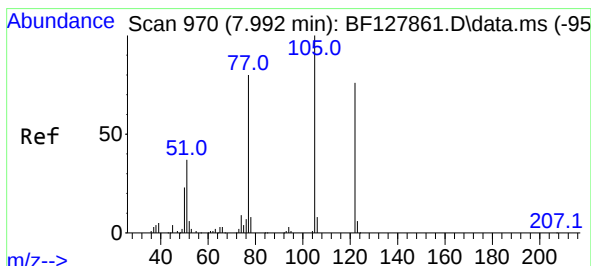
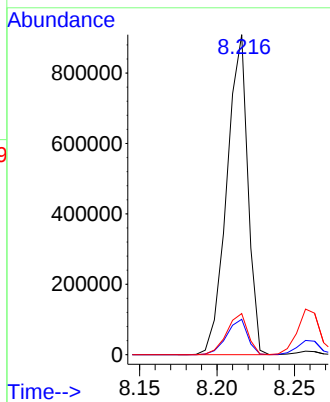
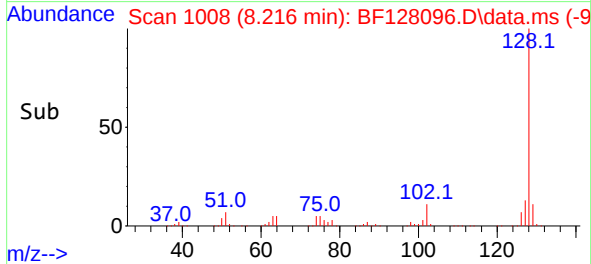
Instrument :
BNA_F
ClientSampleId :
03MSD



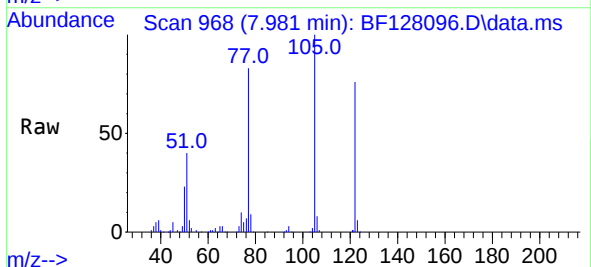
Tgt Ion:128 Resp: 85557
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.9 10.6 16.0

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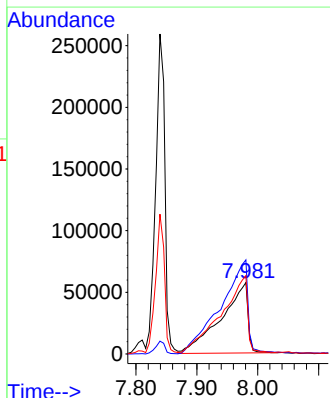
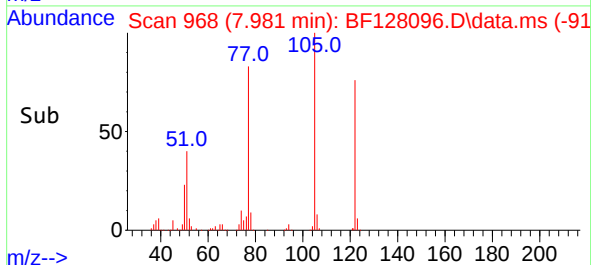
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

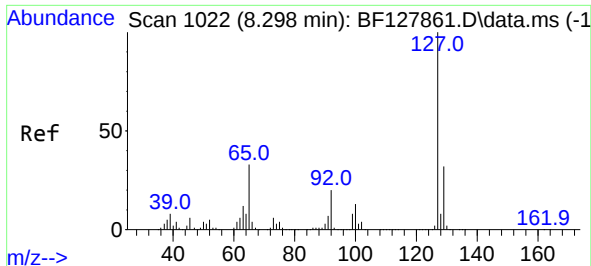


#32
Benzoic acid
Concen: 45.924 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



Tgt Ion:122 Resp: 174919
Ion Ratio Lower Upper
122 100
105 131.8 107.9 147.9
77 109.7 82.5 122.5





#33

4-Chloroaniline

Concen: 19.255 ng

RT: 8.257 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Instrument :

BNA_F

ClientSampleId :

03MSD

Tgt Ion:127 Resp: 142169

Ion Ratio Lower Upper

127 100

129 31.3 25.8 38.8

65 36.7 26.7 40.1

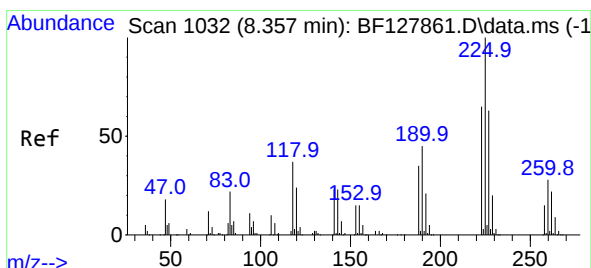
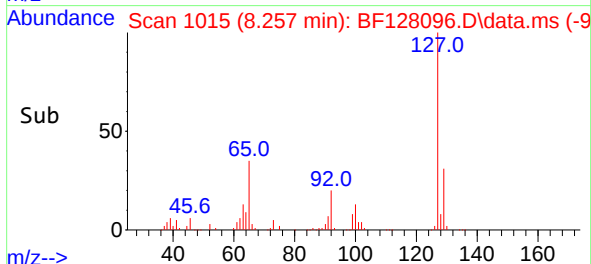
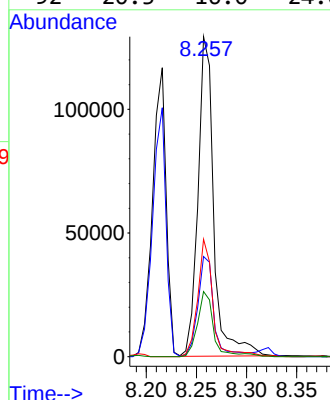
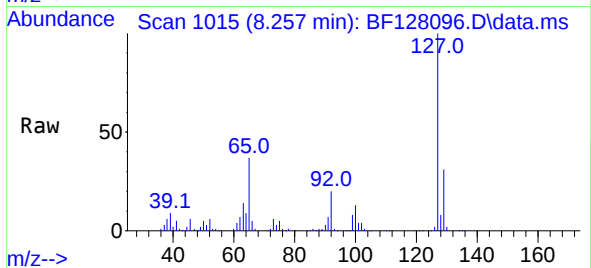
92 20.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/06/2022

Supervised By :mohammad ahmed 05/09/2022



#34

Hexachlorobutadiene

Concen: 47.679 ng

RT: 8.322 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

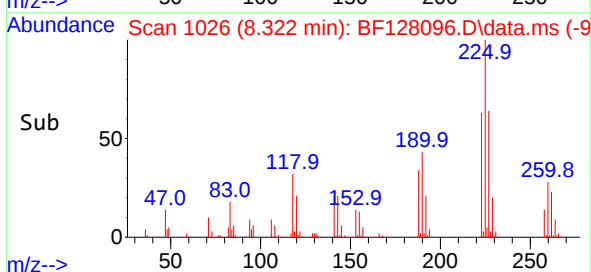
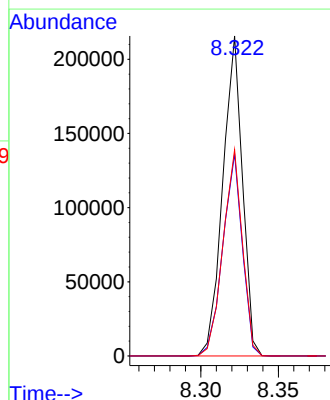
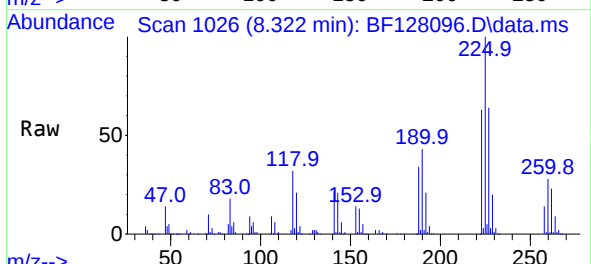
Tgt Ion:225 Resp: 189914

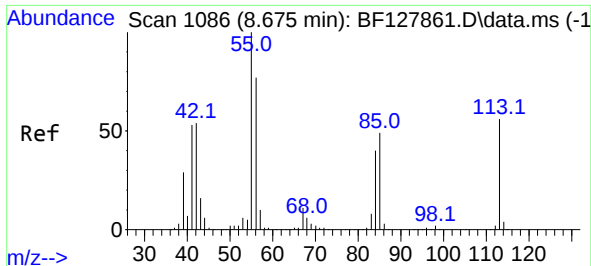
Ion Ratio Lower Upper

225 100

223 63.1 52.0 78.0

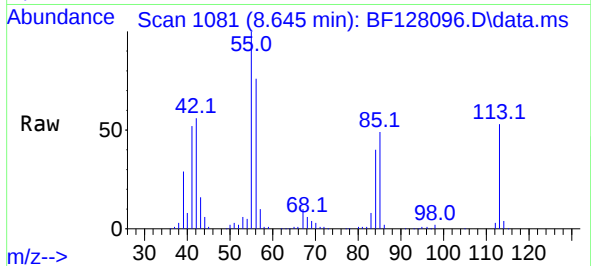
227 64.5 50.7 76.1





#35
Caprolactam
Concen: 48.953 ng m
RT: 8.645 min Scan# 1086
Delta R.T. -0.012 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

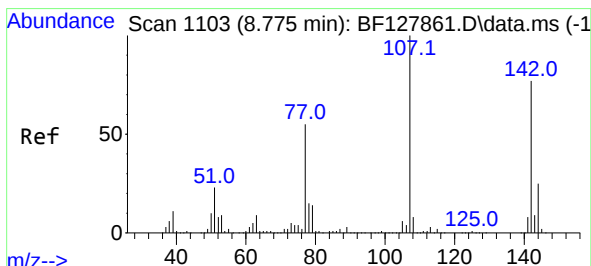
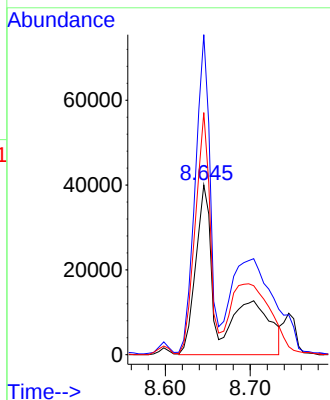
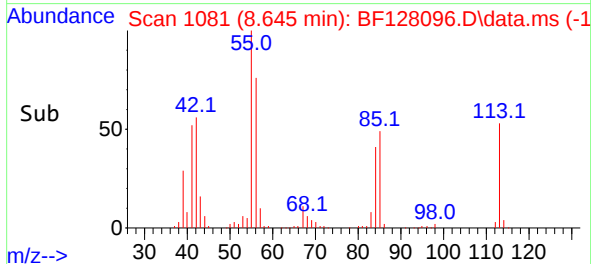
Instrument :
BNA_F
ClientSampleId :
03MSD



Tgt Ion:113 Resp: 8797
Ion Ratio Lower Upper
113 100
55 188.4 157.4 197.4
56 142.5 116.1 156.1

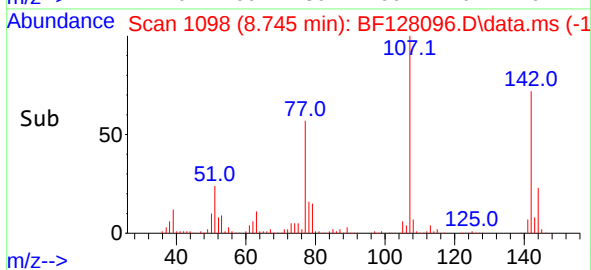
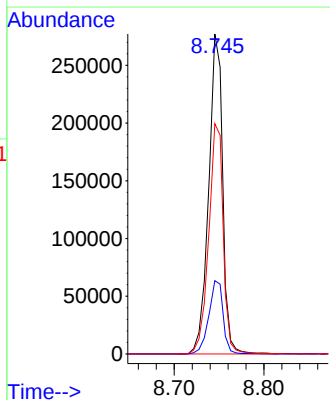
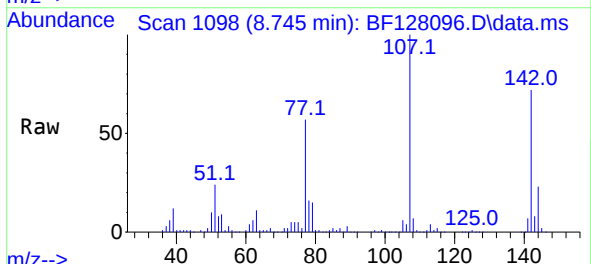
Manual Integrations
APPROVED

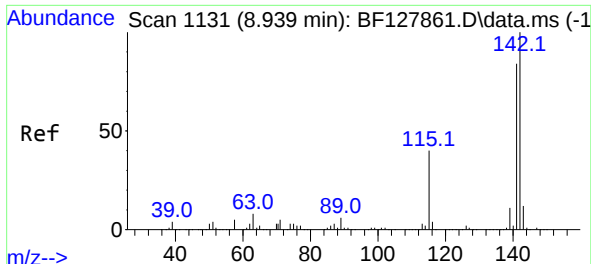
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#36
4-Chloro-3-methylphenol
Concen: 50.570 ng
RT: 8.745 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

Tgt Ion:107 Resp: 300668
Ion Ratio Lower Upper
107 100
144 22.9 20.2 30.4
142 71.9 61.5 92.3





#37

2-Methylnaphthalene

Concen: 48.309 ng

RT: 8.904 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Instrument :

BNA_F

ClientSampleId :

03MSD

Tgt Ion:142 Resp: 595775

Ion Ratio Lower Upper

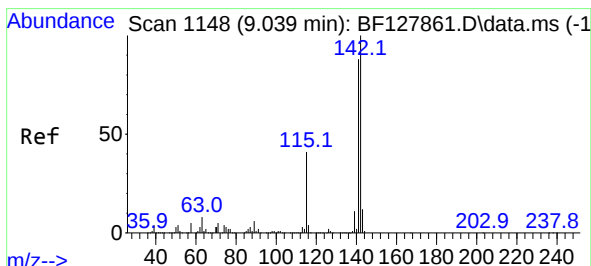
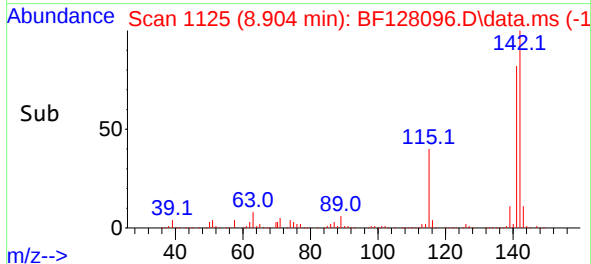
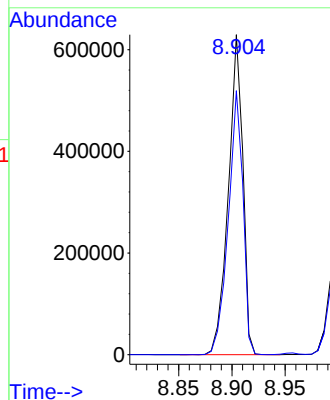
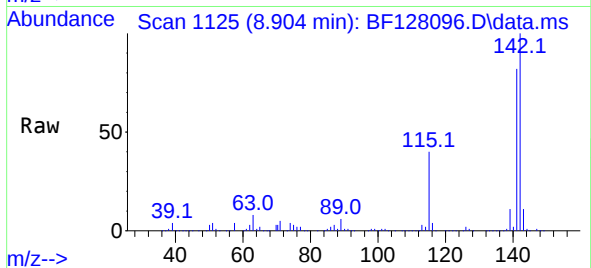
142 100

141 82.5 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: 46.695 ng

RT: 9.004 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BF128096.D

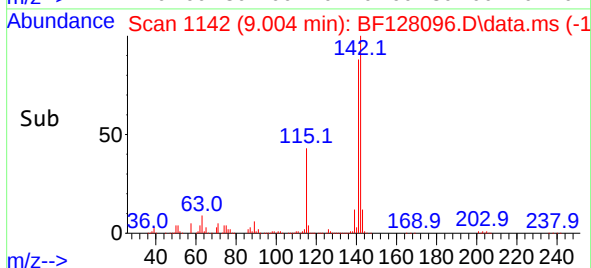
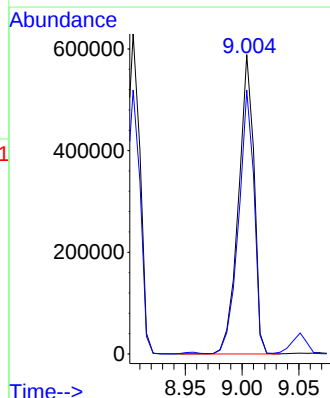
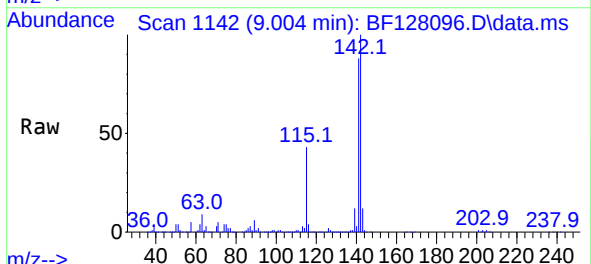
Acq: 05 May 2022 16:01

Tgt Ion:142 Resp: 559735

Ion Ratio Lower Upper

142 100

141 88.1 70.1 105.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Instrument :

BNA_F

ClientSampleId :

03MSD

Tgt Ion:164 Resp: 218640

Ion Ratio Lower Upper

164 100

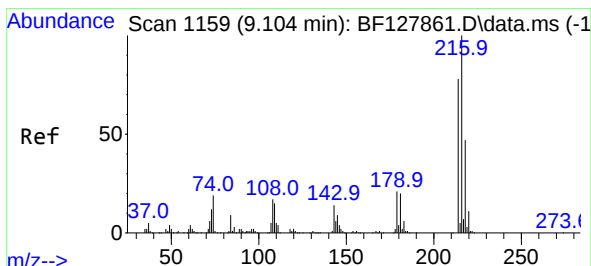
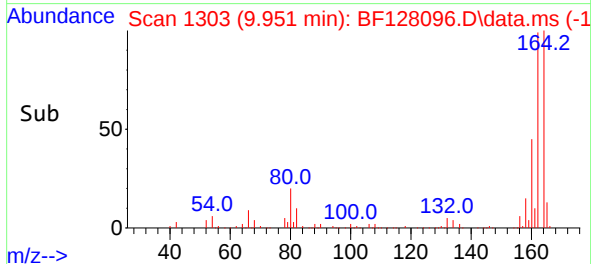
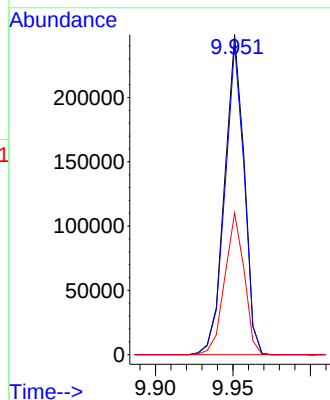
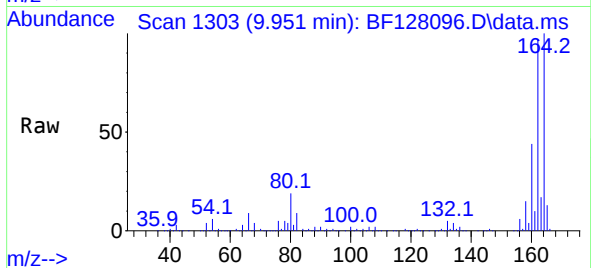
162 96.8 76.0 114.0

160 44.3 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: 45.619 ng

RT: 9.069 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Tgt Ion:216 Resp: 293995

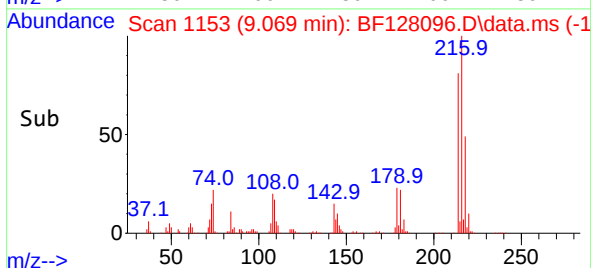
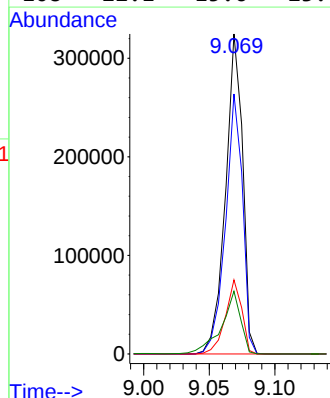
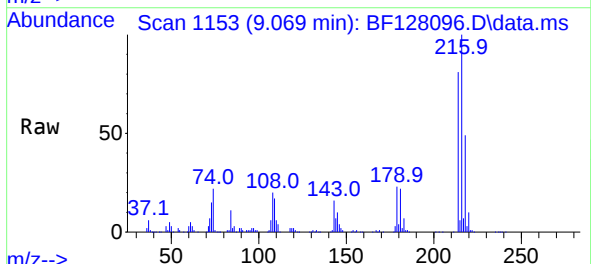
Ion Ratio Lower Upper

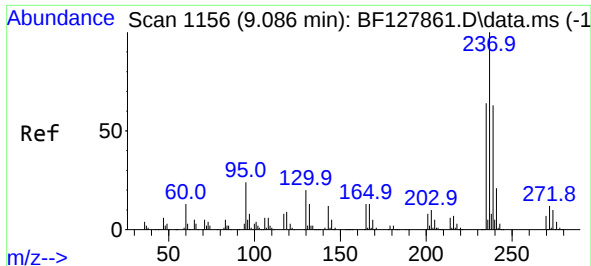
216 100

214 80.7 62.6 94.0

179 22.3 16.9 25.3

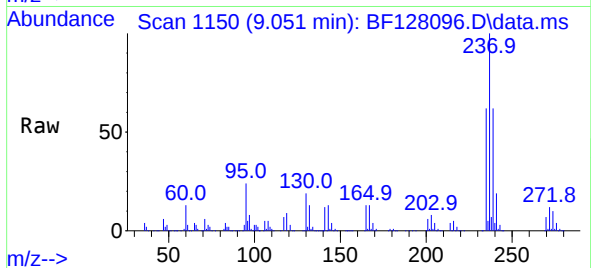
108 22.1 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 94.296 ng
RT: 9.051 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

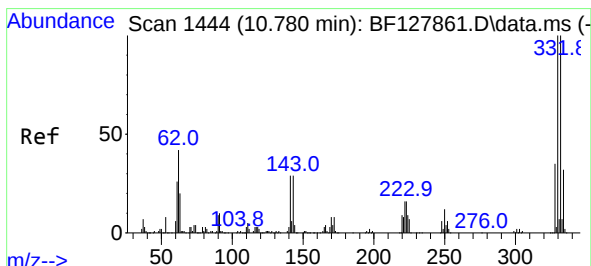
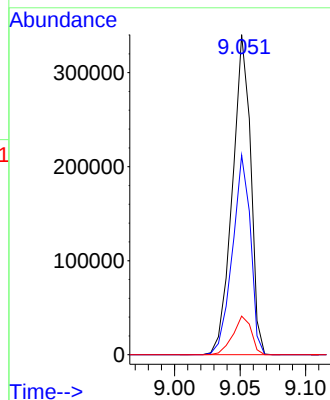
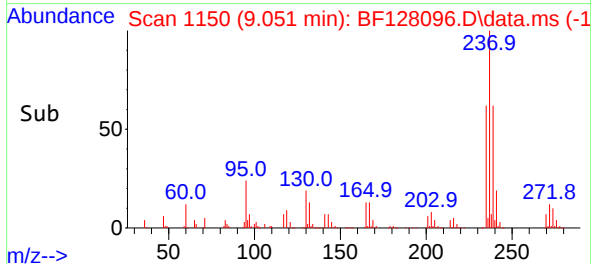
Instrument :
BNA_F
ClientSampleId :
03MSD



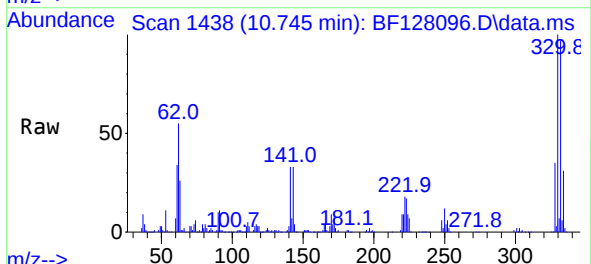
Tgt Ion: 237 Resp: 32924
Ion Ratio Lower Upper
237 100
235 62.3 43.6 83.6
272 12.0 0.0 32.1

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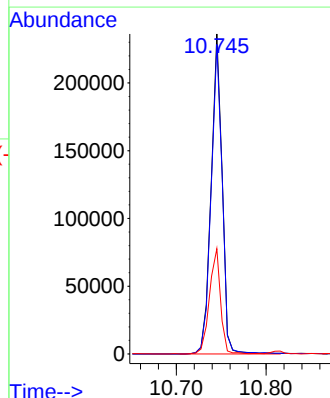
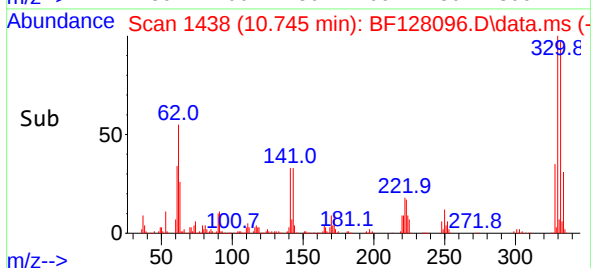
Reviewed By : Christian Giraldo 05/06/2022
Supervised By : mohammad ahmed 05/09/2022

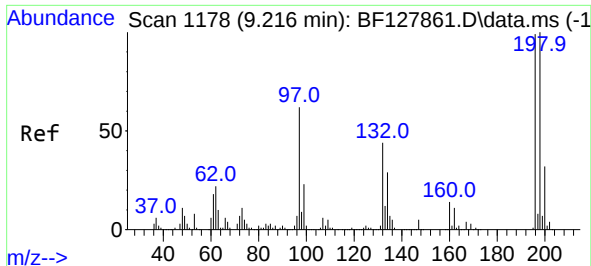


#42
2,4,6-Tribromophenol
Concen: 91.320 ng
RT: 10.745 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



Tgt Ion: 330 Resp: 200999
Ion Ratio Lower Upper
330 100
332 97.7 79.0 118.4
141 33.3 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 47.077 ng

RT: 9.186 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Instrument :

BNA_F

ClientSampleId :

03MSD

Tgt Ion:196 Resp: 19963

Ion Ratio Lower Upper

196 100

198 101.4 80.4 120.6

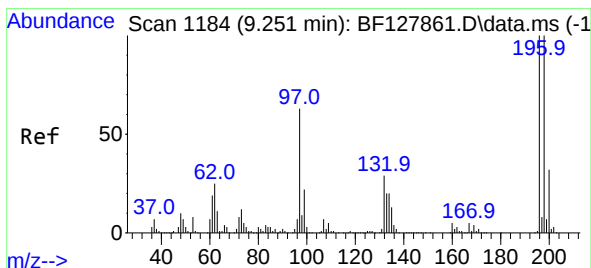
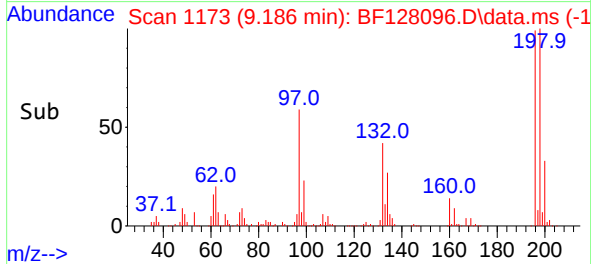
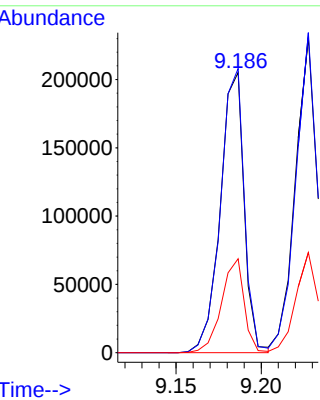
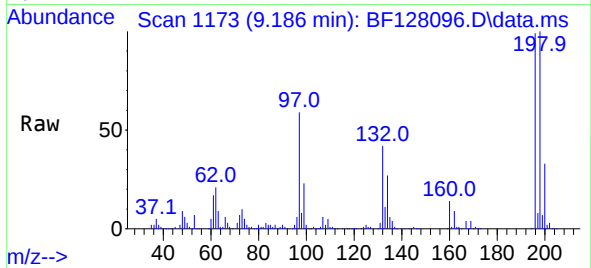
200 33.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/06/2022

Supervised By :mohammad ahmed 05/09/2022



#44

2,4,5-Trichlorophenol

Concen: 45.690 ng

RT: 9.228 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Tgt Ion:196 Resp: 210622

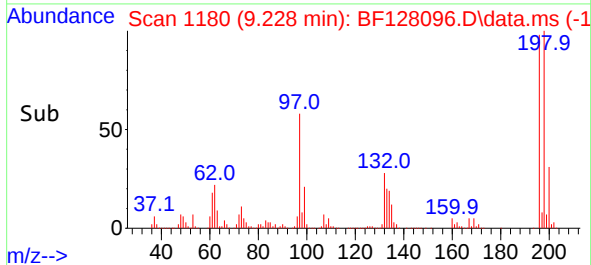
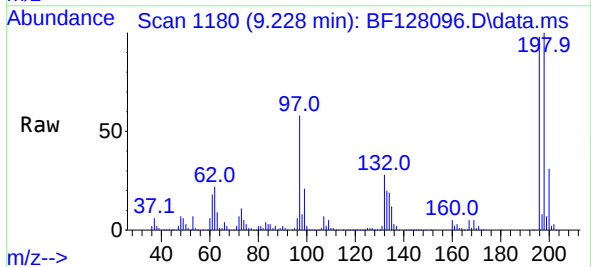
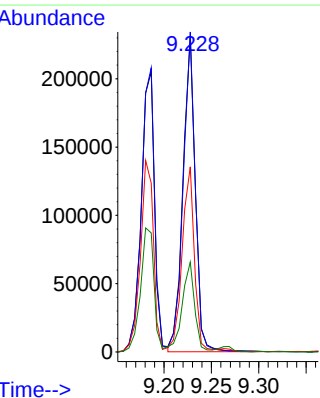
Ion Ratio Lower Upper

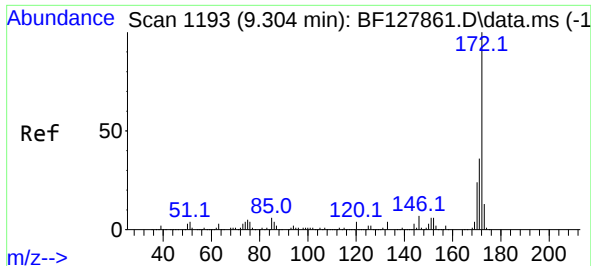
196 100

198 101.6 80.2 120.2

97 58.8 50.3 75.5

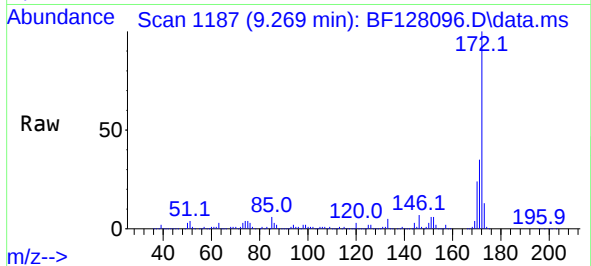
132 28.6 23.8 35.6





#45
2-Fluorobiphenyl
Concen: 59.305 ng
RT: 9.269 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

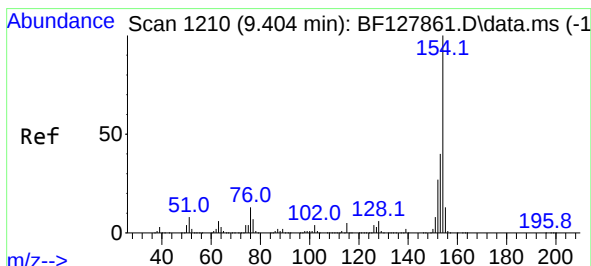
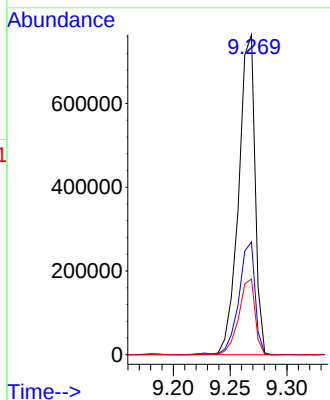
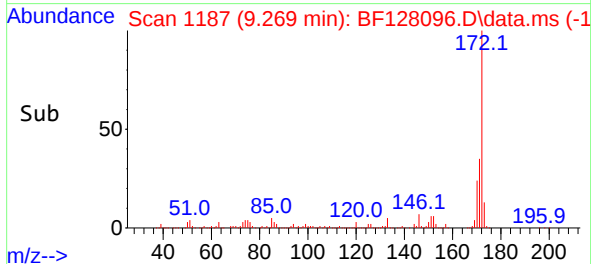
Instrument :
BNA_F
ClientSampleId :
03MSD



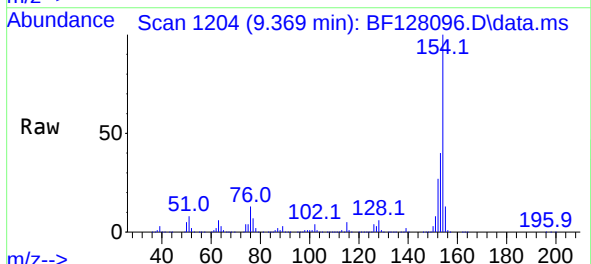
Tgt Ion:172 Resp: 76648
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.7 19.1 28.7

Manual Integrations
APPROVED

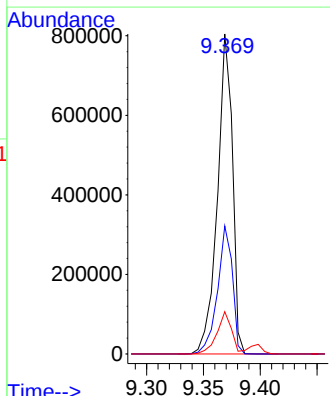
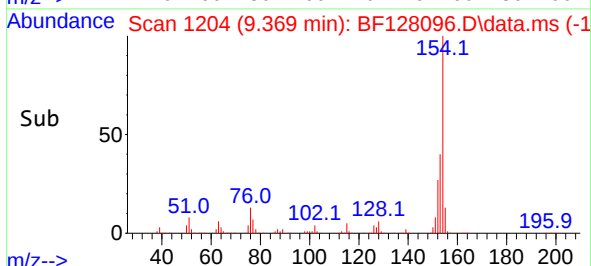
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

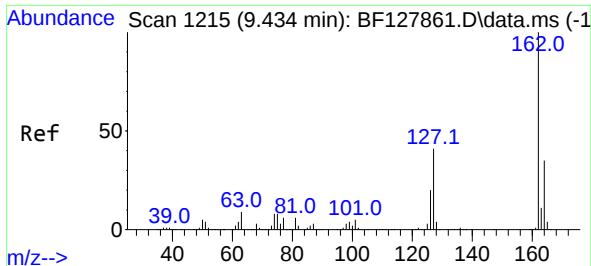


#46
1,1'-Biphenyl
Concen: 45.700 ng
RT: 9.369 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



Tgt Ion:154 Resp: 740168
Ion Ratio Lower Upper
154 100
153 40.0 20.4 60.4
76 13.2 0.0 33.2





#47

2-Chloronaphthalene

Concen: 44.937 ng

RT: 9.398 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Instrument :

BNA_F

ClientSampleId :

03MSD

Tgt Ion:162 Resp: 55405

Ion Ratio Lower Upper

162 100

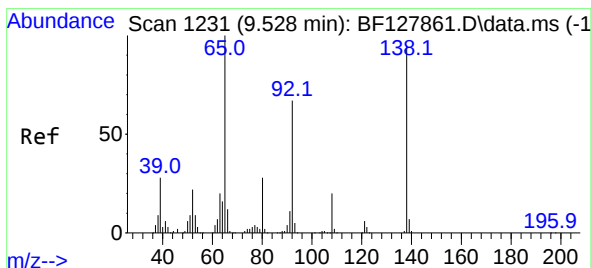
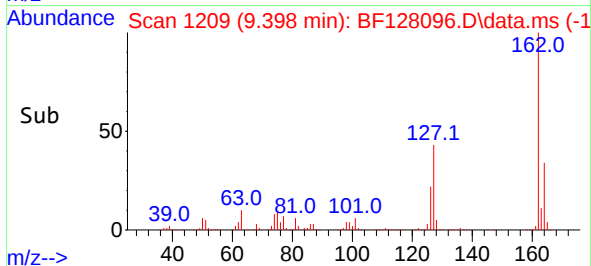
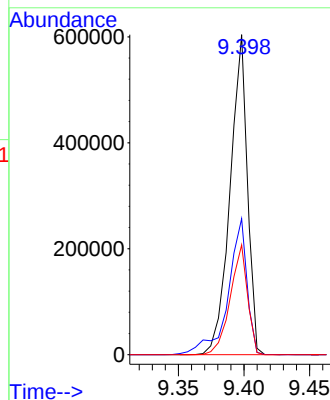
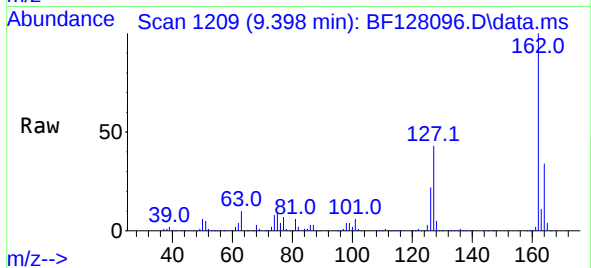
127 42.5 32.9 49.3

164 34.3 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: 49.325 ng

RT: 9.498 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

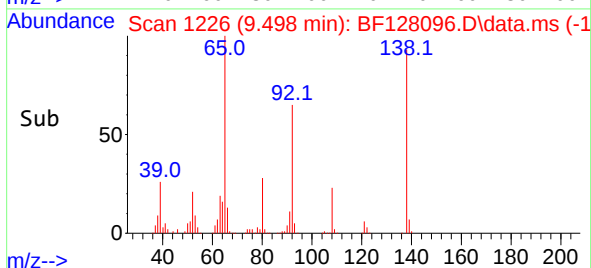
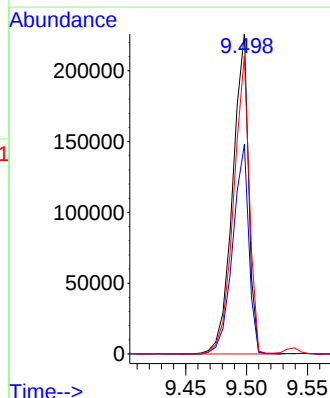
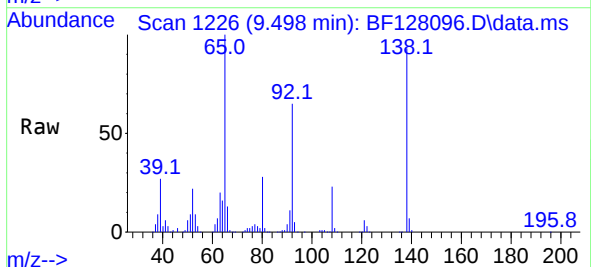
Tgt Ion: 65 Resp: 205718

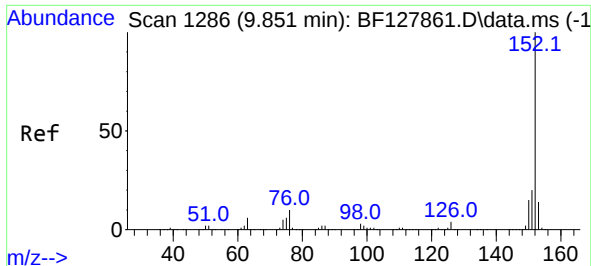
Ion Ratio Lower Upper

65 100

92 65.5 53.7 80.5

138 93.2 76.4 114.6





#49

Acenaphthylene

Concen: 48.277 ng

RT: 9.816 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Instrument :

BNA_F

ClientSampleId :

03MSD

Tgt Ion:152 Resp: 910508

Ion Ratio Lower Upper

152 100

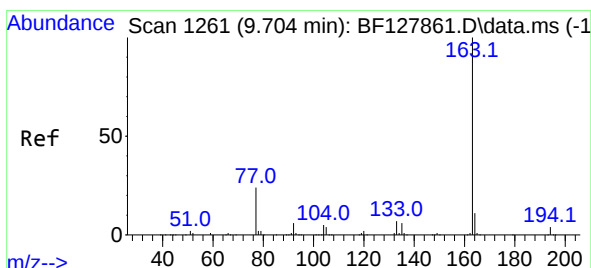
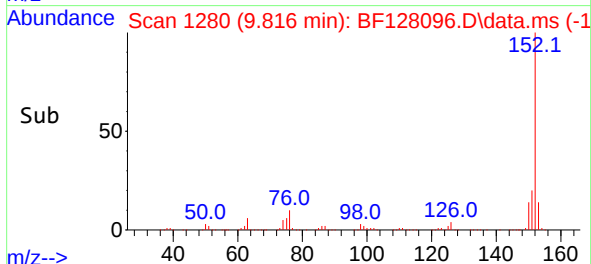
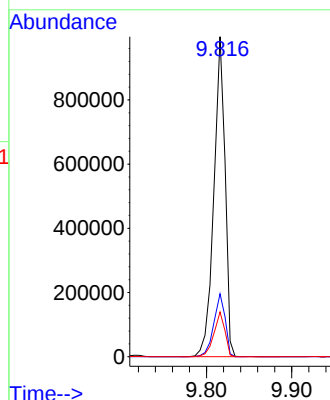
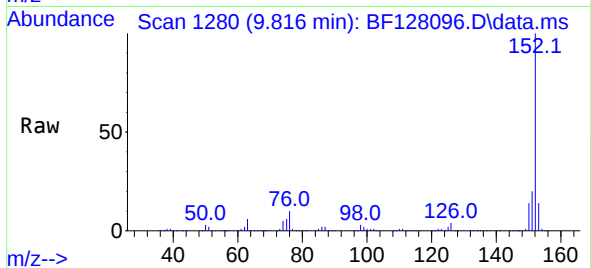
151 19.6 16.2 24.2

153 14.0 11.2 16.8

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 47.128 ng

RT: 9.675 min Scan# 1256

Delta R.T. 0.000 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

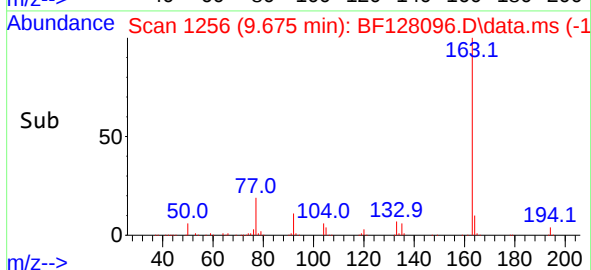
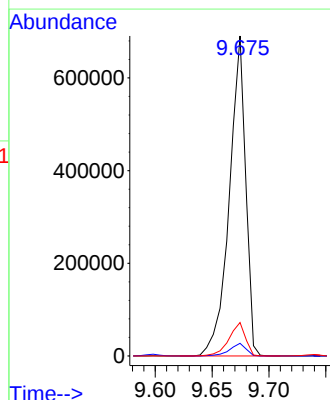
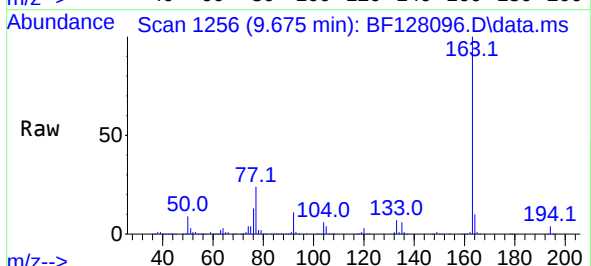
Tgt Ion:163 Resp: 691061

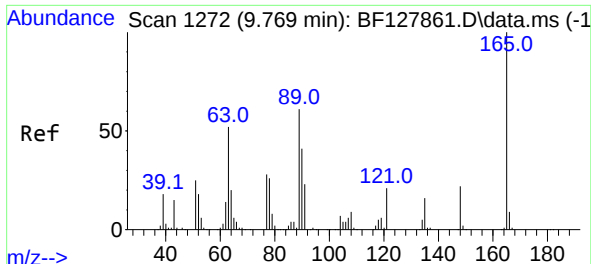
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

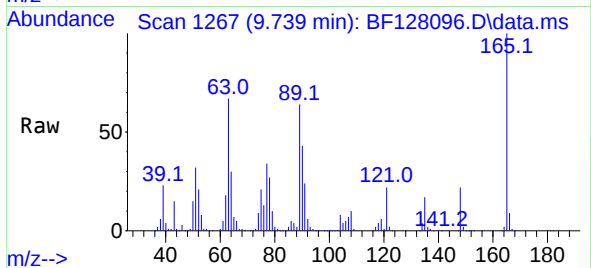
164 10.5 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 49.621 ng
RT: 9.739 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

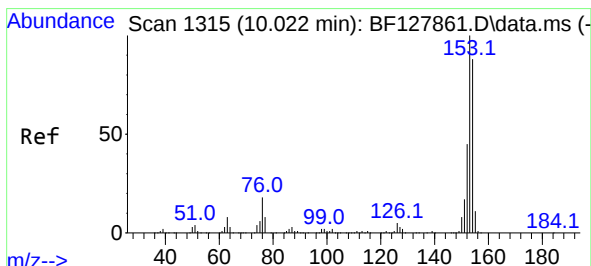
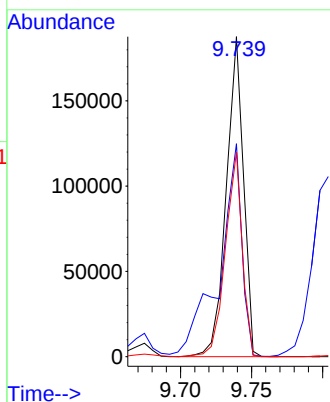
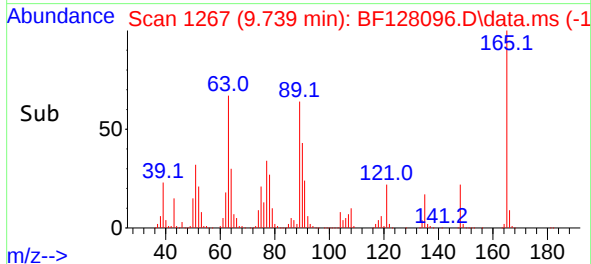
Instrument :
BNA_F
ClientSampleId :
03MSD



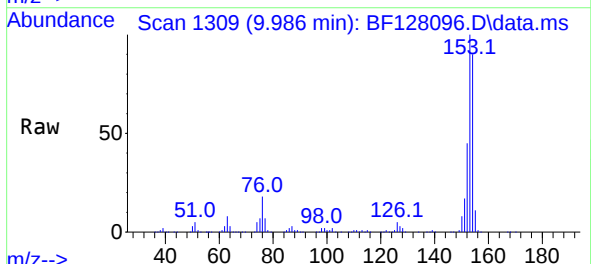
Tgt Ion:165 Resp: 157539
Ion Ratio Lower Upper
165 100
63 66.6 49.5 74.3
89 64.0 49.0 73.4

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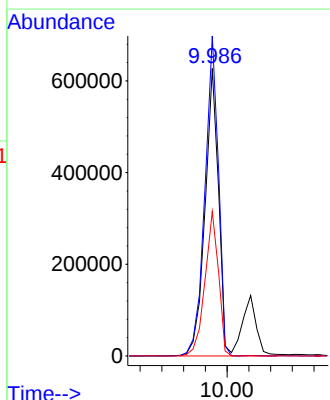
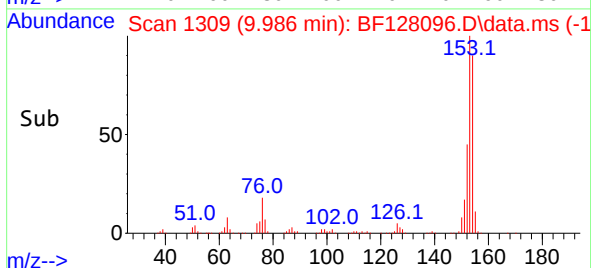
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

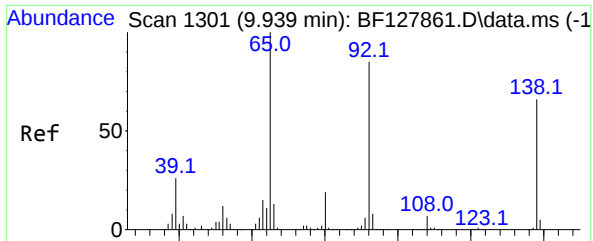


#52
Acenaphthene
Concen: 51.750 ng m
RT: 9.986 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



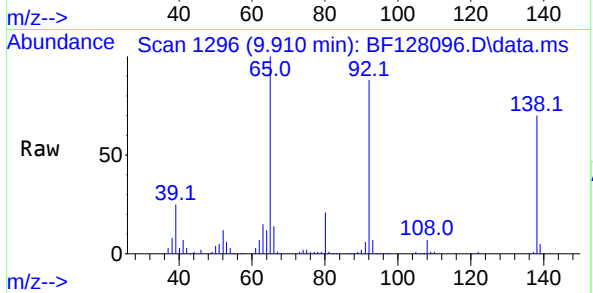
Tgt Ion:154 Resp: 656179
Ion Ratio Lower Upper
154 100
153 111.3 90.5 135.7
152 50.2 41.0 61.6





#53
3-Nitroaniline
Concen: 26.088 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

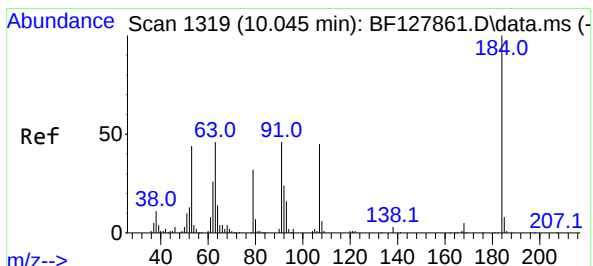
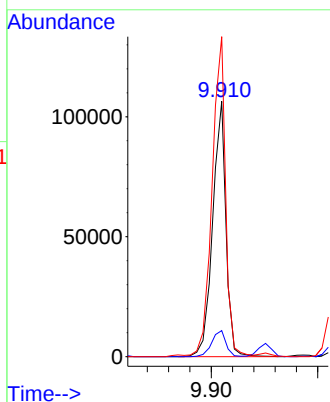
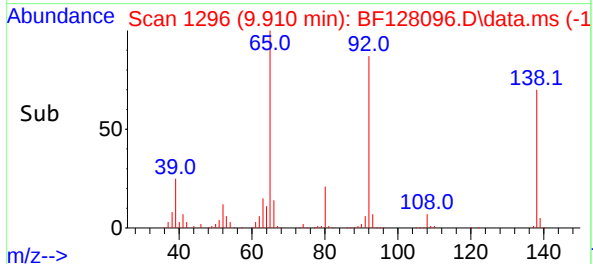
Instrument :
BNA_F
ClientSampleId :
03MSD



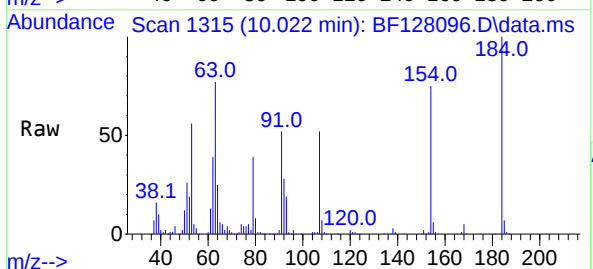
Tgt Ion:138 Resp: 91972
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.4
92 125.3 102.7 154.1

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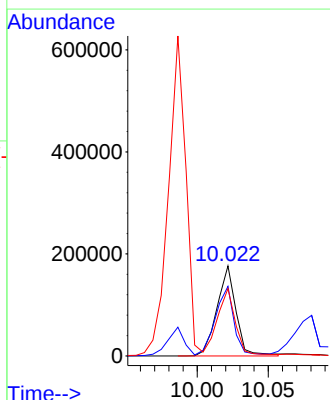
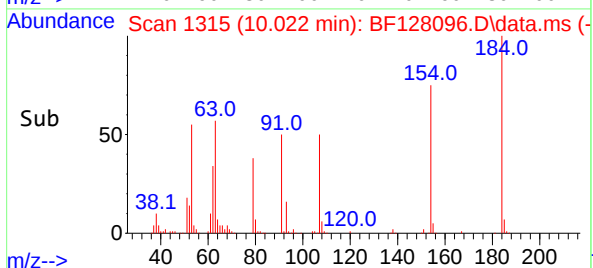
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

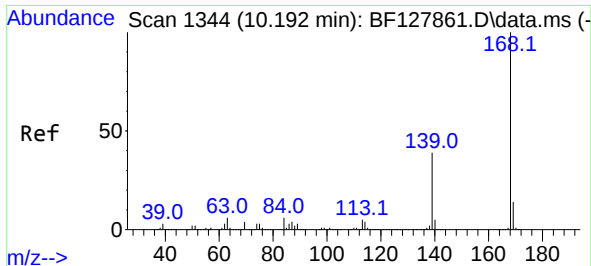


#54
2,4-Dinitrophenol
Concen: 98.296 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



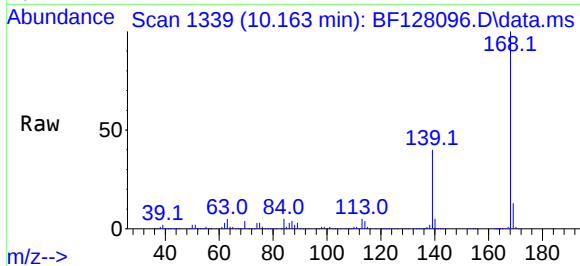
Tgt Ion:184 Resp: 164351
Ion Ratio Lower Upper
184 100
63 77.3 50.0 75.0#
154 74.7 51.7 77.5





#55
Dibenzenofuran
Concen: 44.573 ng
RT: 10.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

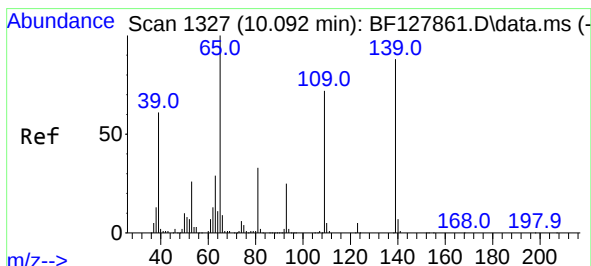
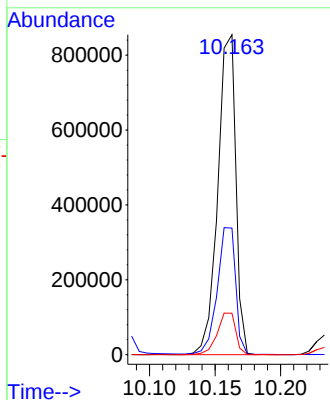
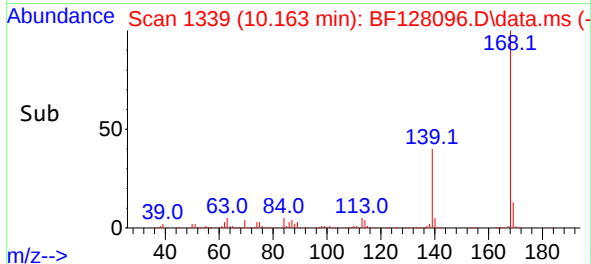
Instrument :
BNA_F
ClientSampleId :
03MSD



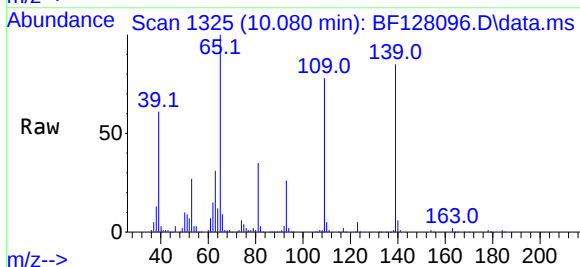
Tgt Ion:168 Resp: 815410
Ion Ratio Lower Upper
168 100
139 39.5 31.7 47.5
169 12.9 10.9 16.3

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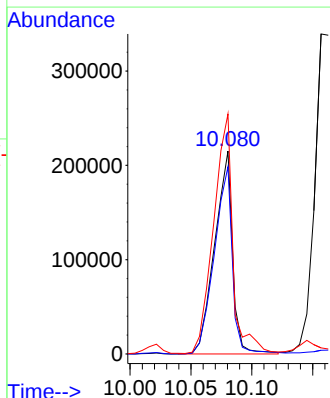
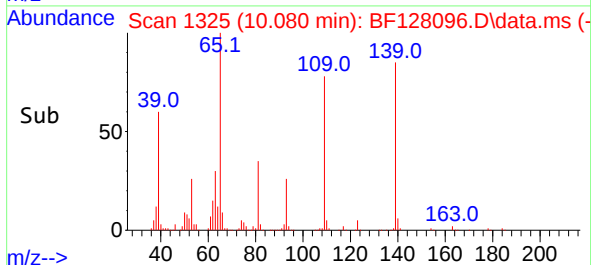
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

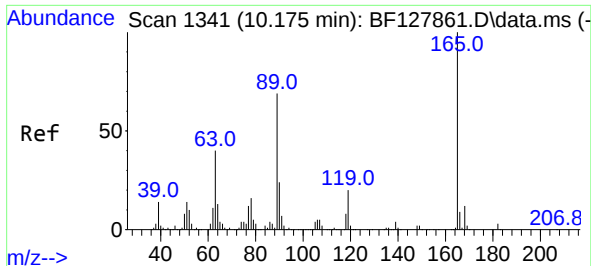


#56
4-Nitrophenol
Concen: 82.257 ng
RT: 10.080 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



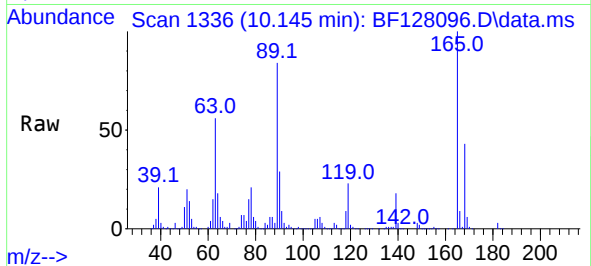
Tgt Ion:139 Resp: 221442
Ion Ratio Lower Upper
139 100
109 92.3 61.9 101.9
65 118.3 93.5 133.5





#57
2,4-Dinitrotoluene
Concen: 49.864 ng
RT: 10.145 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

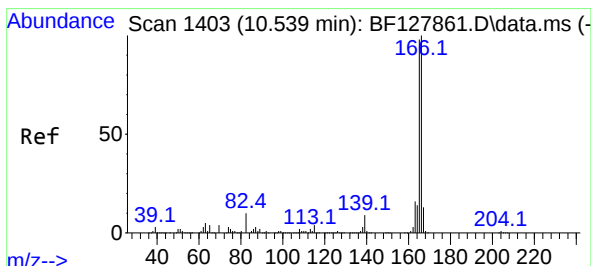
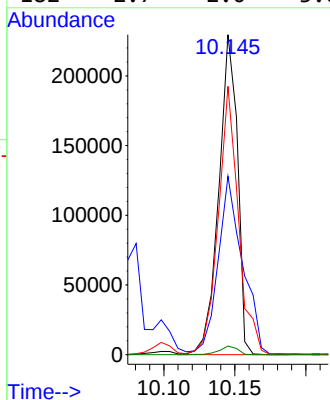
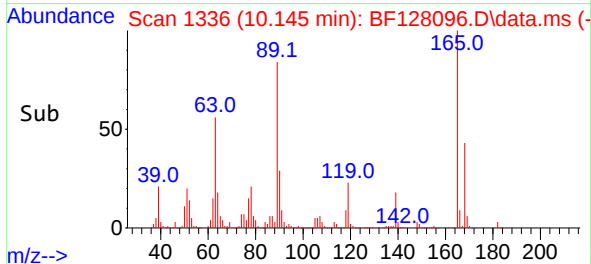
Instrument :
BNA_F
ClientSampleId :
03MSD



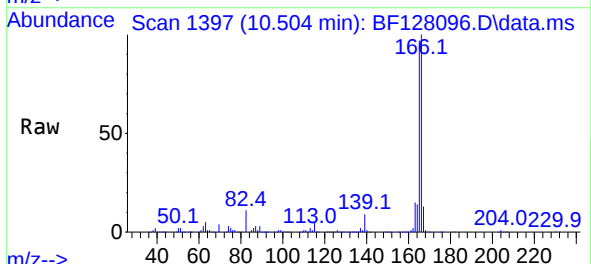
Tgt Ion:165 Resp: 209697
Ion Ratio Lower Upper
165 100
63 55.8 32.6 49.0
89 83.9 55.2 82.8
182 2.7 2.0 3.0

Manual Integrations
APPROVED

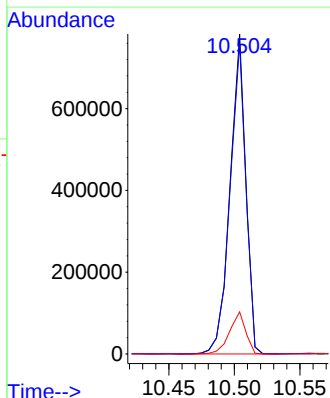
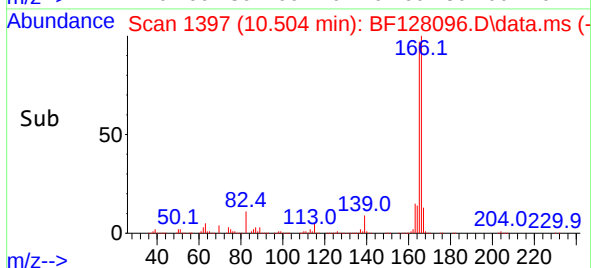
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#58
Fluorene
Concen: 48.017 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



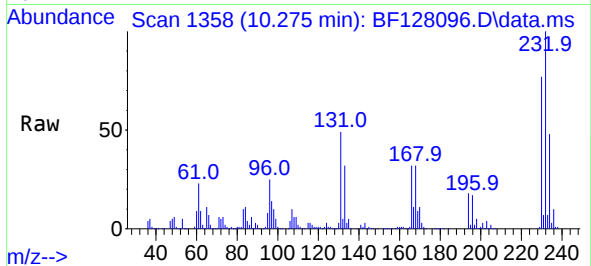
Tgt Ion:166 Resp: 655474
Ion Ratio Lower Upper
166 100
165 97.0 78.6 117.8
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.508 ng
RT: 10.275 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

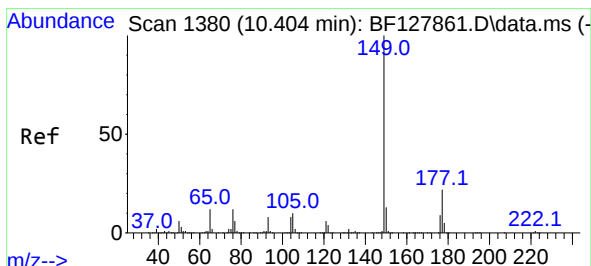
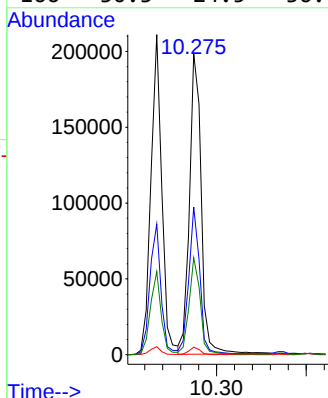
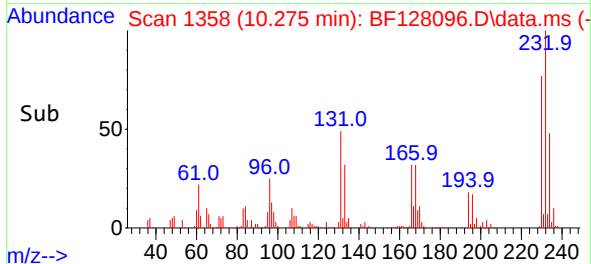
Instrument :
BNA_F
ClientSampleId :
03MSD



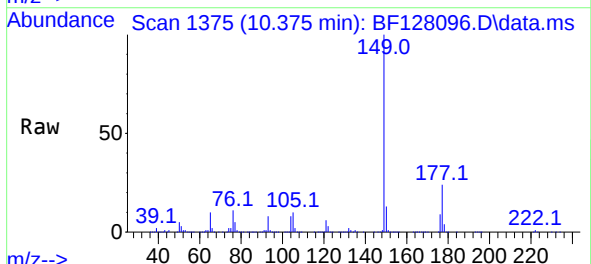
Tgt Ion:232 Resp: 180284
Ion Ratio Lower Upper
232 100
131 45.6 35.4 53.2
130 2.4 1.9 2.9
166 30.3 24.5 36.7

Manual Integrations
APPROVED

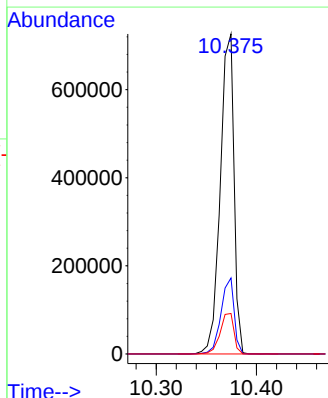
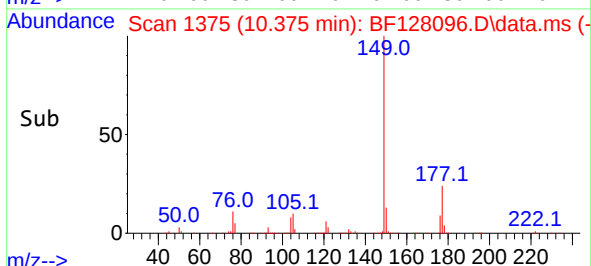
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

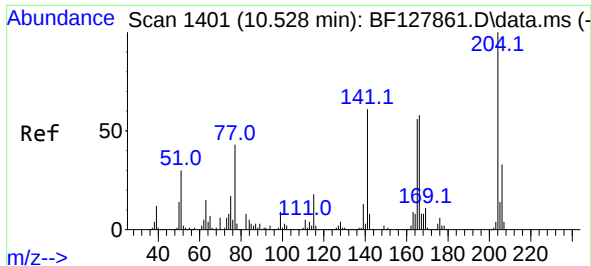


#60
Diethylphthalate
Concen: 47.875 ng
RT: 10.375 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



Tgt Ion:149 Resp: 688396
Ion Ratio Lower Upper
149 100
177 23.8 17.8 26.8
150 12.7 10.2 15.2





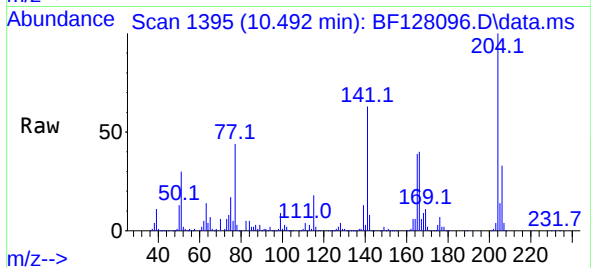
#61
4-Chlorophenyl-phenylether
Concen: 47.572 ng
RT: 10.492 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

Instrument :

BNA_F

ClientSampleId :

03MSD

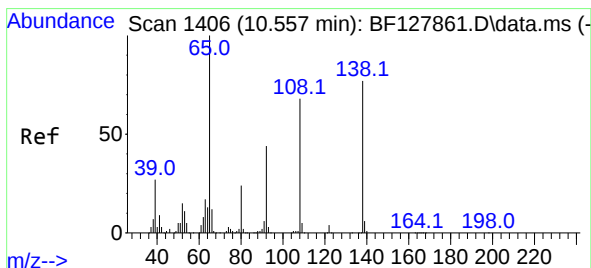
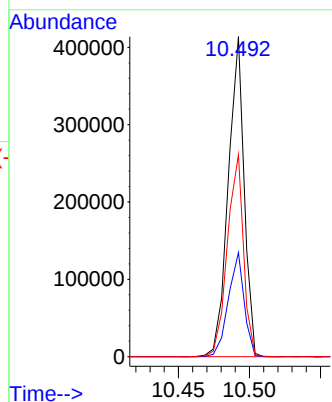
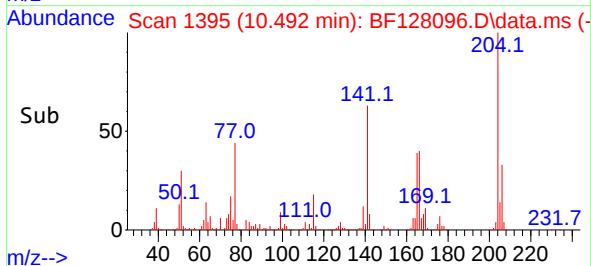


Tgt Ion:204 Resp: 322698
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 63.2 48.7 73.1

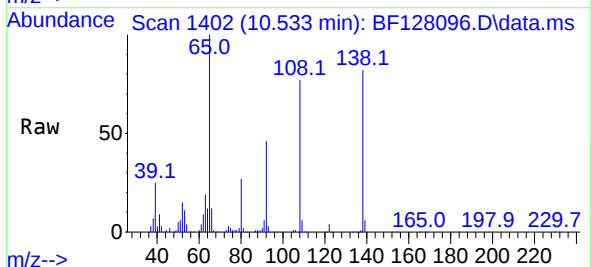
Manual Integrations

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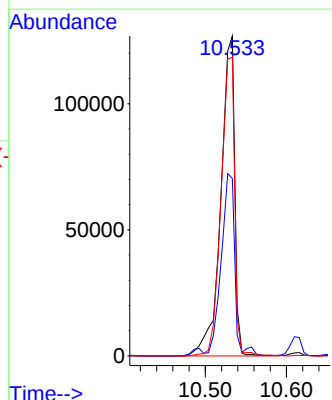
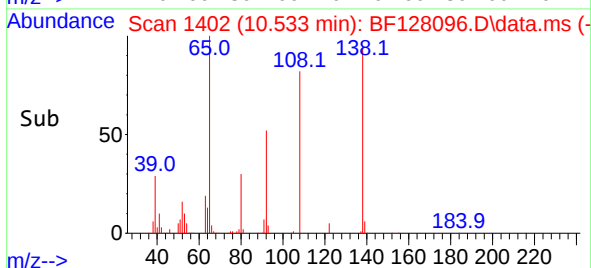
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

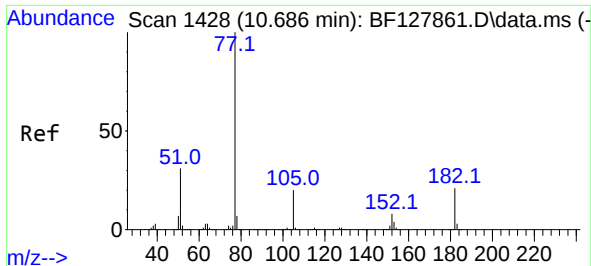


#62
4-Nitroaniline
Concen: 44.082 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



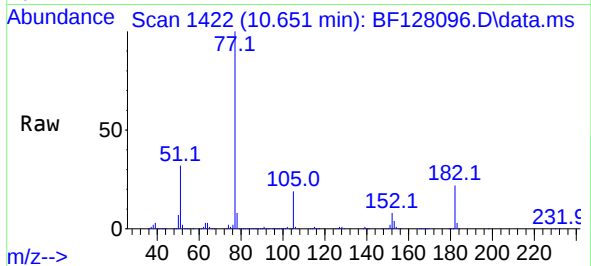
Tgt Ion:138 Resp: 151936
Ion Ratio Lower Upper
138 100
92 55.5 37.4 77.4
108 93.3 68.4 108.4





#63
Azobenzene
Concen: 46.511 ng
RT: 10.651 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

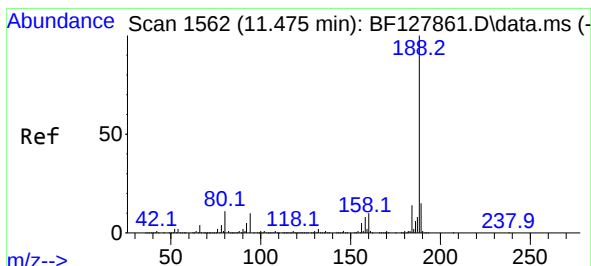
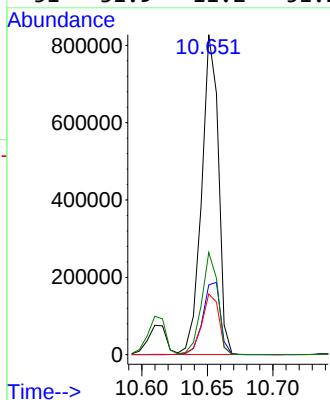
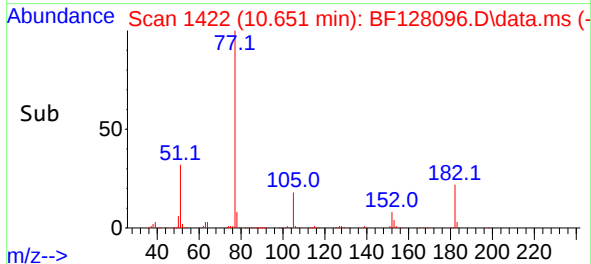
Instrument :
BNA_F
ClientSampleId :
03MSD



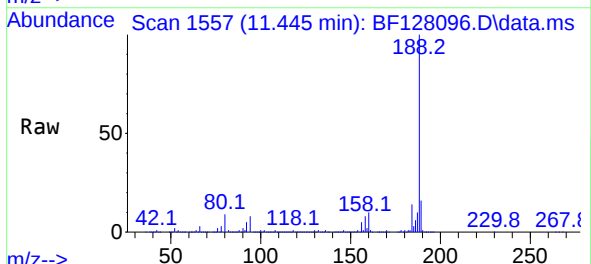
Tgt Ion: 77 Resp: 73590
Ion Ratio Lower Upper
77 100
182 21.8 1.2 41.2
105 18.9 0.0 39.8
51 31.9 11.2 51.2

Manual Integrations
APPROVED

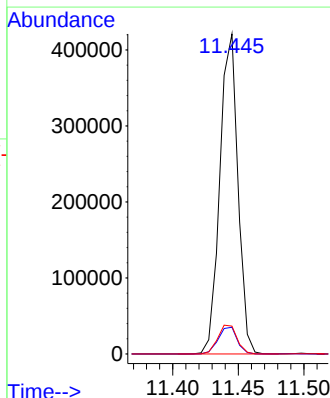
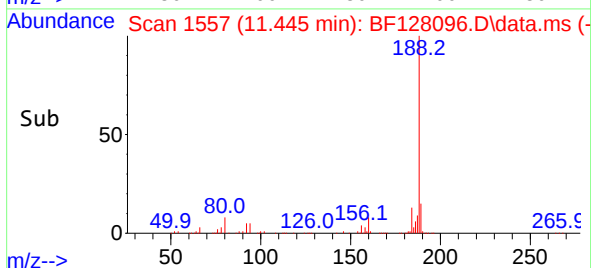
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



Tgt Ion:188 Resp: 403517
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 8.7 8.9 13.3#





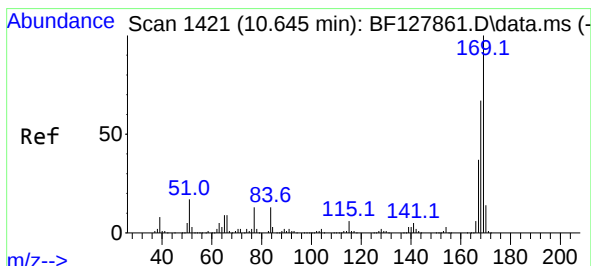
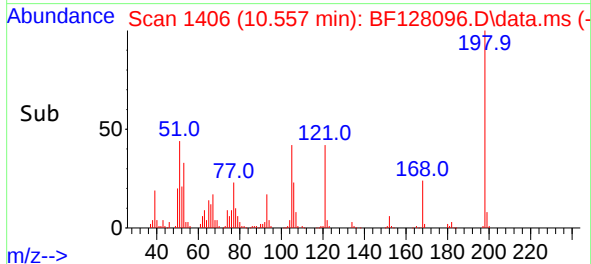
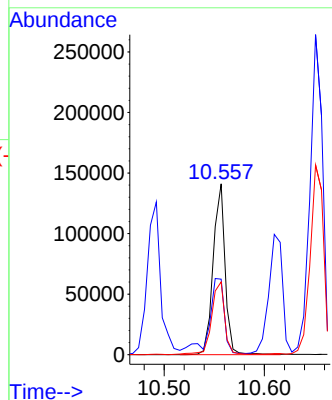
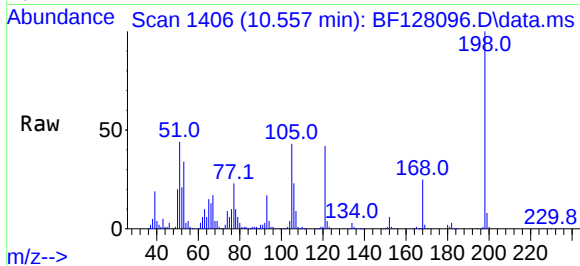
#65
4,6-Dinitro-2-methylphenol
Concen: 48.672 ng
RT: 10.557 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

Instrument :
BNA_F
ClientSampleId :
03MSD

Tgt Ion:198 Resp: 116700
Ion Ratio Lower Upper
198 100
51 44.2 28.4 68.4
105 42.6 23.4 63.4

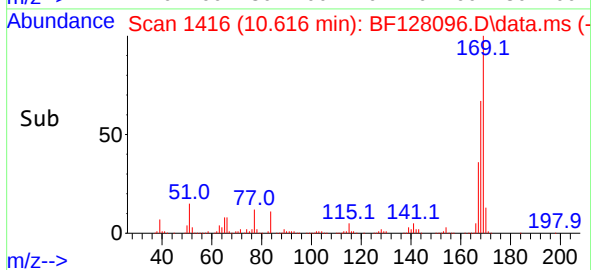
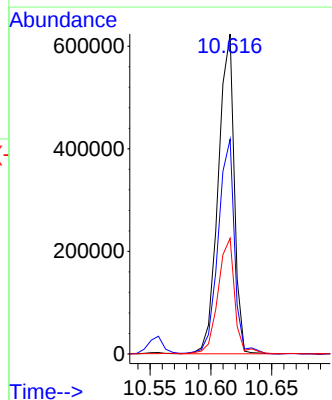
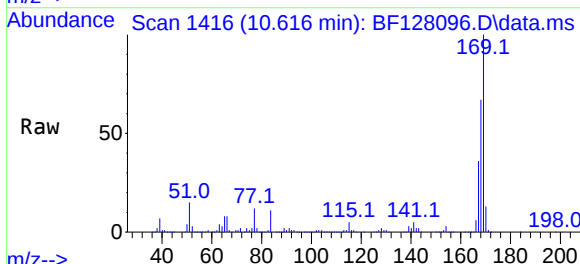
Manual Integrations
APPROVED

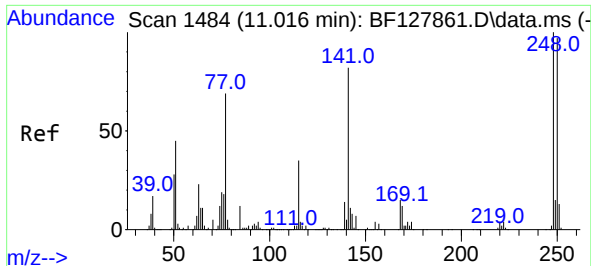
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#66
n-Nitrosodiphenylamine
Concen: 45.445 ng
RT: 10.616 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

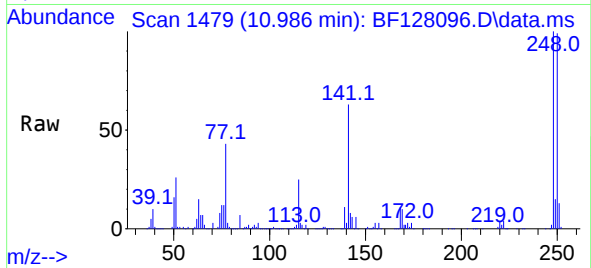
Tgt Ion:169 Resp: 570595
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.6
167 36.2 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 46.302 ng
RT: 10.986 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

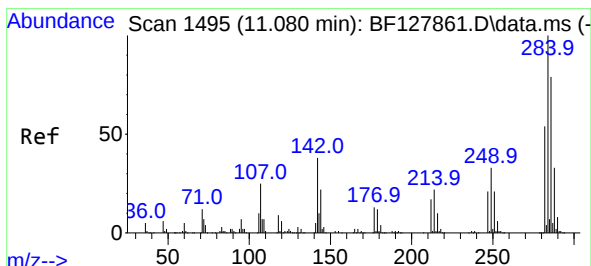
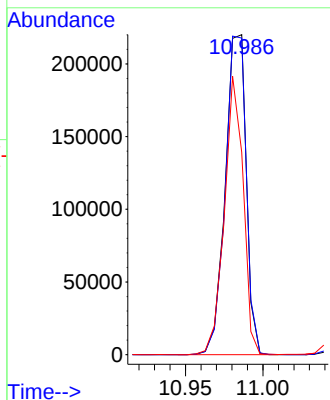
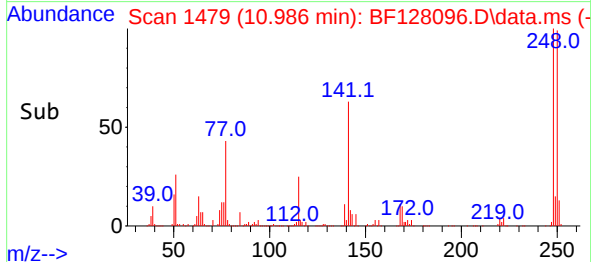
Instrument :
BNA_F
ClientSampleId :
03MSD



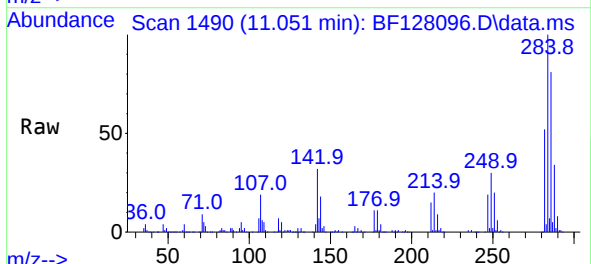
Tgt Ion:248 Resp: 207118
Ion Ratio Lower Upper
248 100
250 99.0 77.7 116.5
141 63.3 65.6 98.4

Manual Integrations
APPROVED

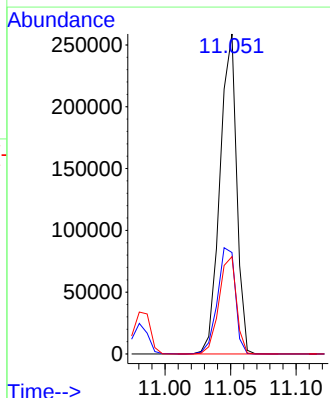
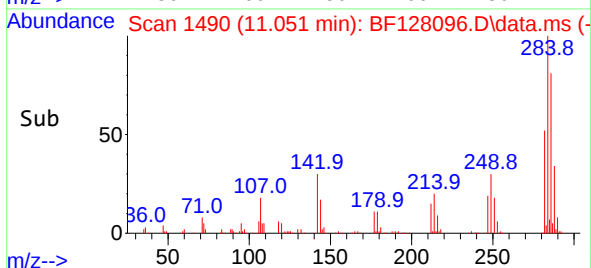
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

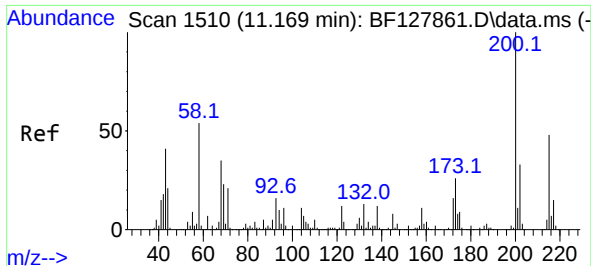


#68
Hexachlorobenzene
Concen: 48.642 ng
RT: 11.051 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



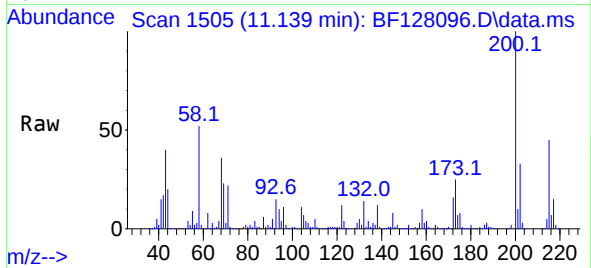
Tgt Ion:284 Resp: 229248
Ion Ratio Lower Upper
284 100
142 31.7 30.2 45.4
249 30.4 26.1 39.1





#69
Atrazine
Concen: 53.935 ng
RT: 11.139 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

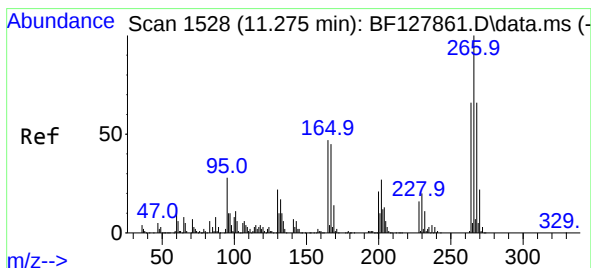
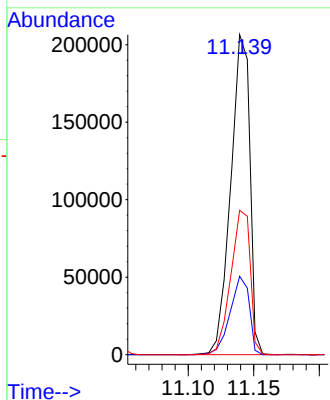
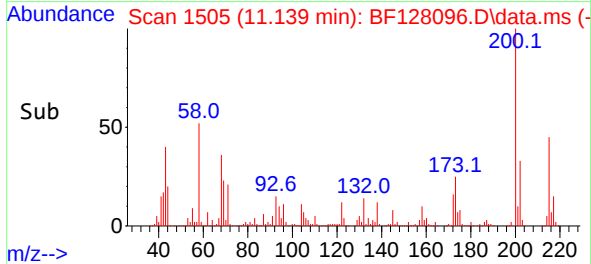
Instrument :
BNA_F
ClientSampleId :
03MSD



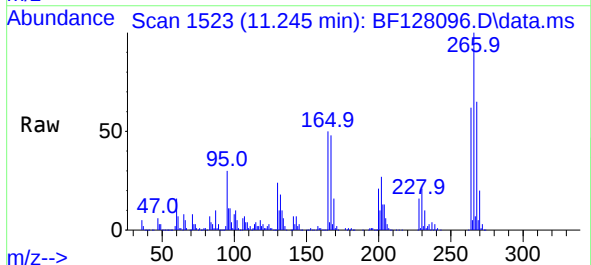
Tgt Ion:200 Resp: 20940
Ion Ratio Lower Upper
200 100
173 24.5 6.0 46.0
215 45.1 28.1 68.1

Manual Integrations
APPROVED

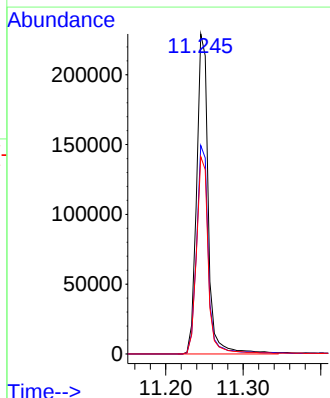
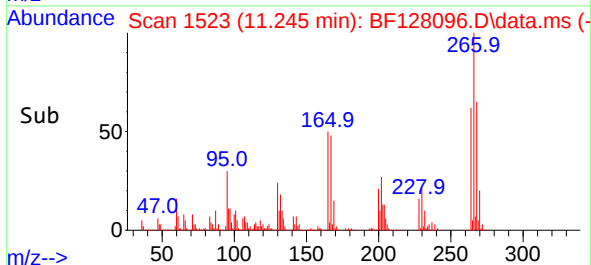
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

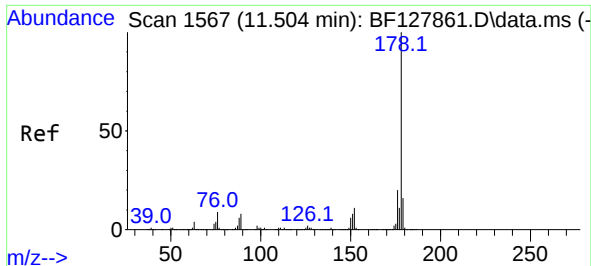


#70
Pentachlorophenol
Concen: 85.893 ng
RT: 11.245 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



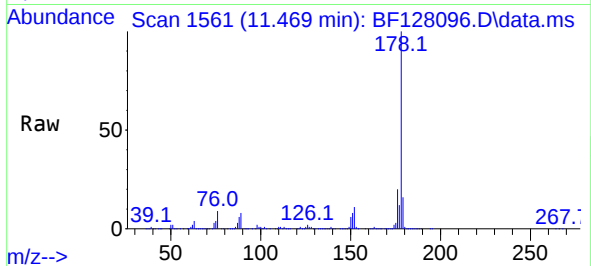
Tgt Ion:266 Resp: 238149
Ion Ratio Lower Upper
266 100
268 65.1 53.0 79.6
264 61.7 53.1 79.7





#71
Phenanthrene
Concen: 51.361 ng
RT: 11.469 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

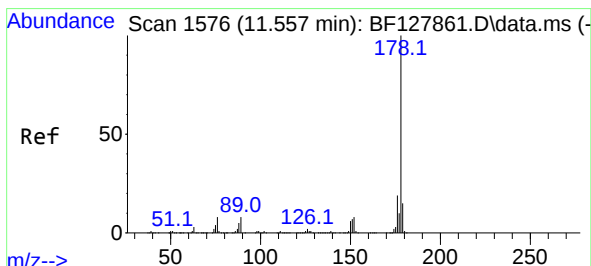
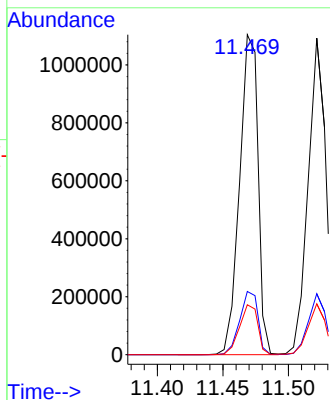
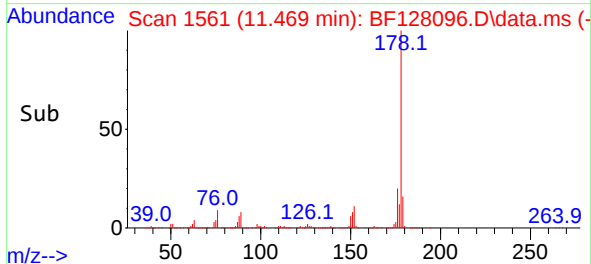
Instrument :
BNA_F
ClientSampleId :
03MSD



Tgt Ion:178 Resp: 108486
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.6 12.6 19.0

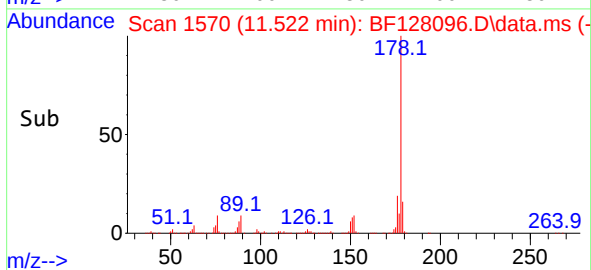
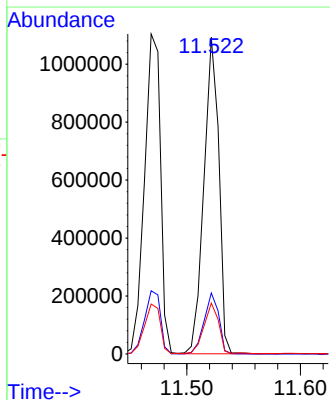
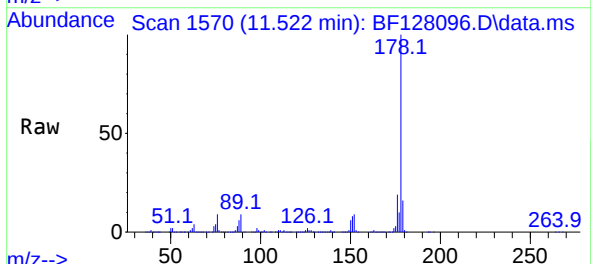
Manual Integrations
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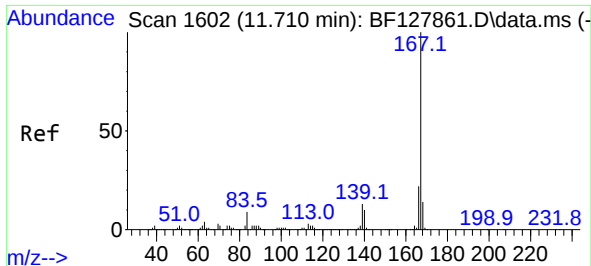
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#72
Anthracene
Concen: 47.315 ng
RT: 11.522 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

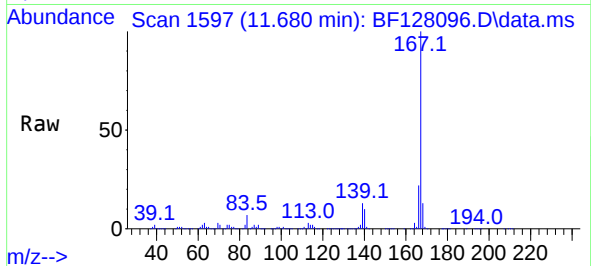
Tgt Ion:178 Resp: 995556
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 16.1 12.4 18.6





#73
 Carbazole
 Concen: 42.249 ng
 RT: 11.680 min Scan# 11651
 Delta R.T. 0.000 min
 Lab File: BF128096.D
 Acq: 05 May 2022 16:01

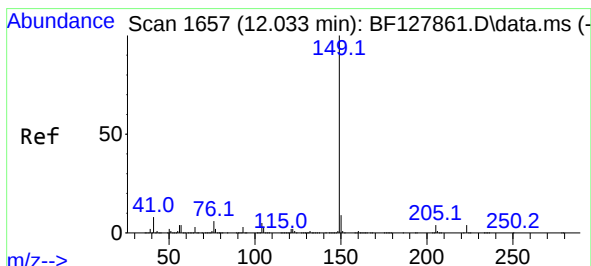
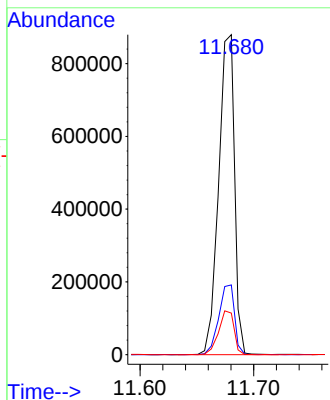
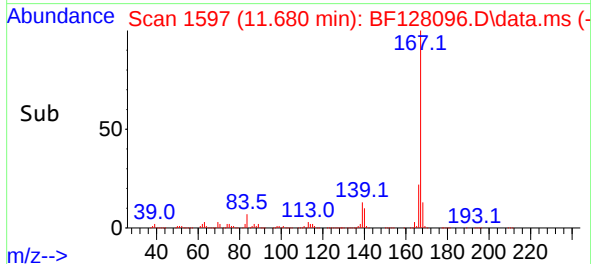
Instrument :
 BNA_F
 ClientSampleId :
 03MSD



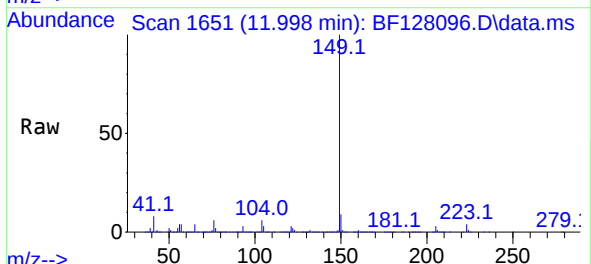
Tgt Ion:167 Resp: 856760
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.0 10.7 16.1

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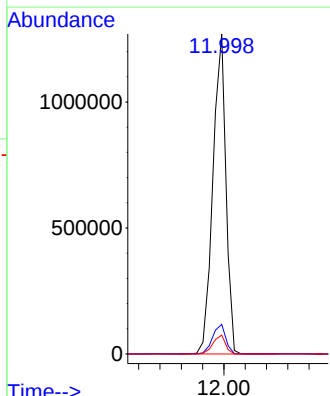
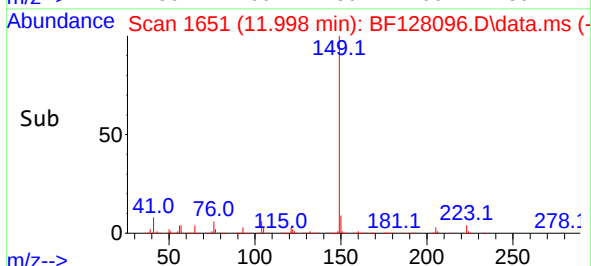
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

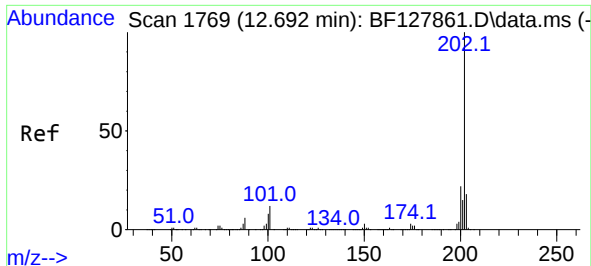


#74
 Di-n-butylphthalate
 Concen: 47.104 ng
 RT: 11.998 min Scan# 1651
 Delta R.T. 0.000 min
 Lab File: BF128096.D
 Acq: 05 May 2022 16:01



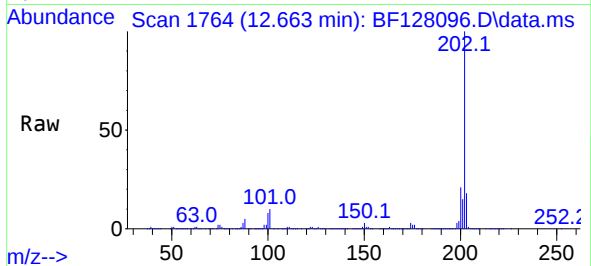
Tgt Ion:149 Resp: 1074112
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.9 4.3 6.5





#75
Fluoranthene
Concen: 53.372 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

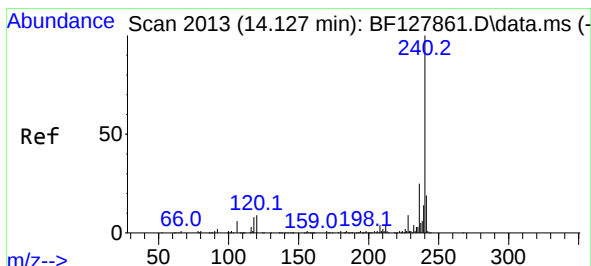
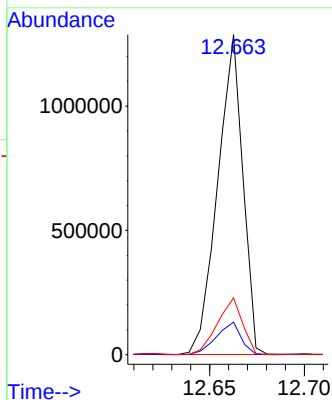
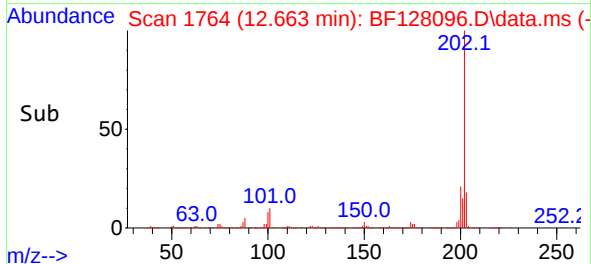
Instrument :
BNA_F
ClientSampleId :
03MSD



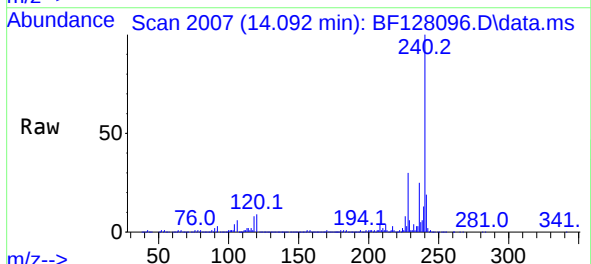
Tgt Ion:202 Resp: 1186478
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.6
203 17.7 0.0 38.1

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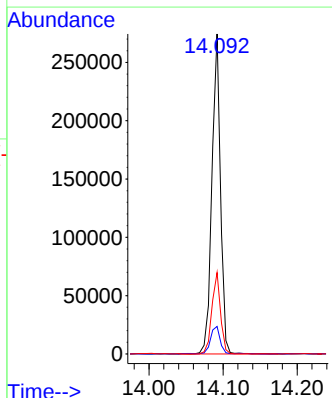
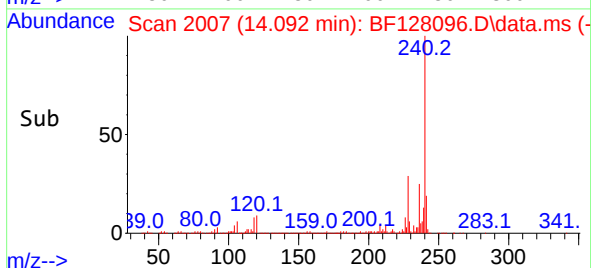
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

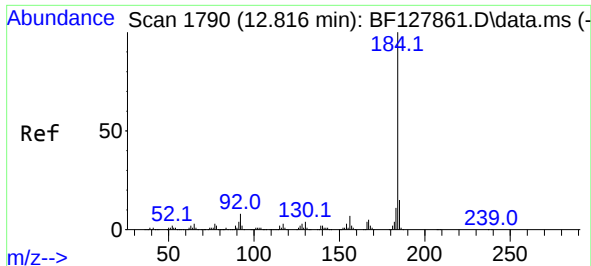


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



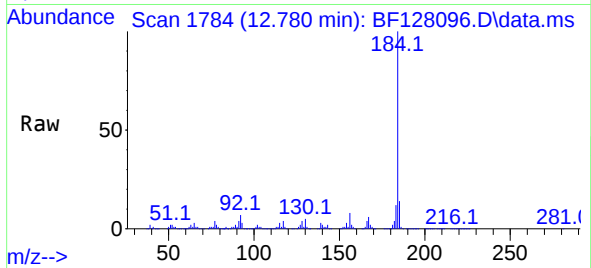
Tgt Ion:240 Resp: 219793
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.5 20.3 30.5





#77
Benzidine
Concen: 89.154 ng
RT: 12.780 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

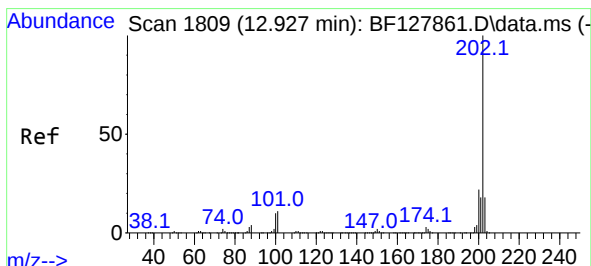
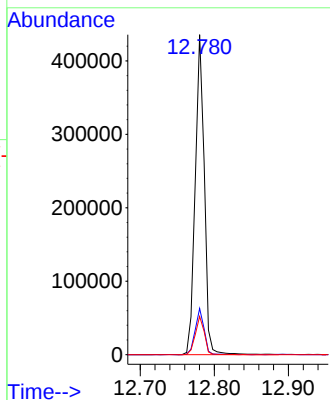
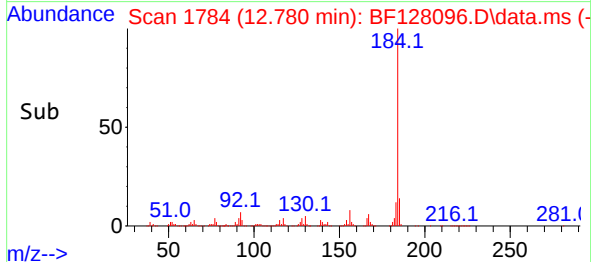
Instrument :
BNA_F
ClientSampleId :
03MSD



Tgt Ion:184 Resp: 370775
Ion Ratio Lower Upper
184 100
185 14.4 12.1 18.1
183 12.0 9.0 13.4

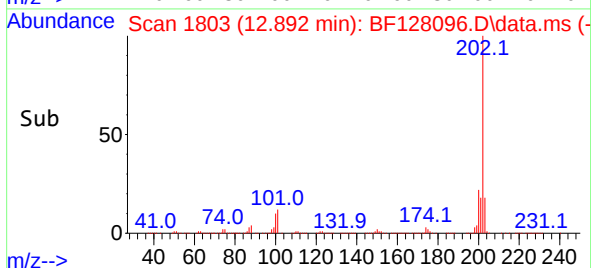
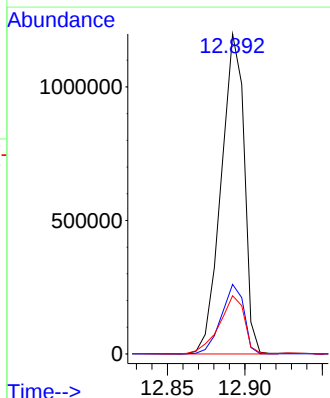
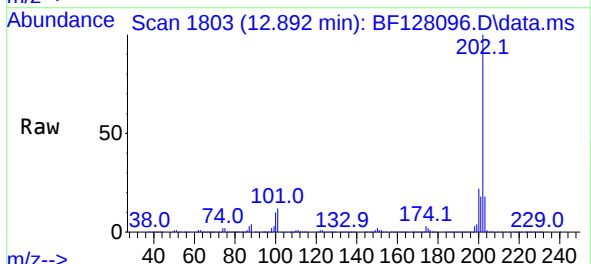
Manual Integrations
APPROVED

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



#78
Pyrene
Concen: 69.876 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

Tgt Ion:202 Resp: 1239796
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.2 14.0 21.0





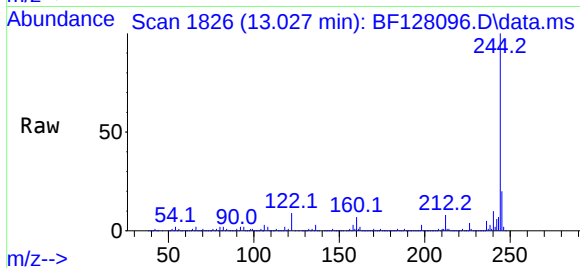
#79
 Terphenyl-d14
 Concen: 69.839 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128096.D
 Acq: 05 May 2022 16:01

Instrument :

BNA_F

ClientSampleId :

03MSD

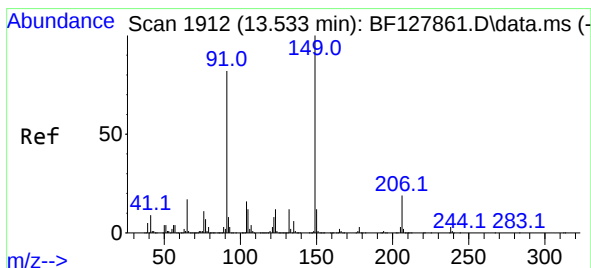
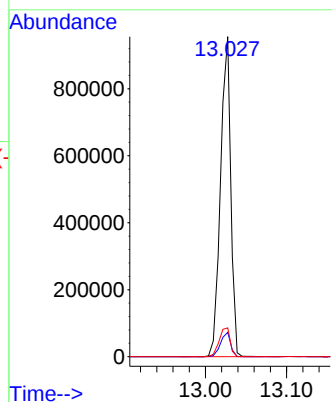
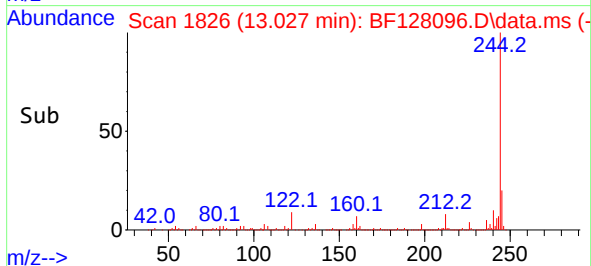


Tgt Ion:244 Resp: 839469
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.0 8.6 12.8

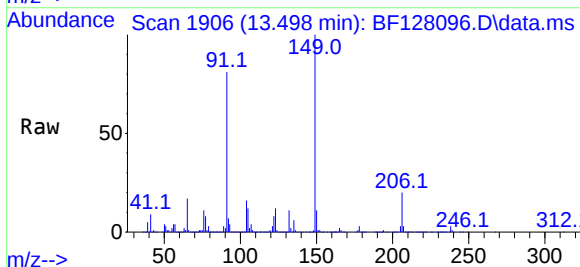
Manual Integrations

APPROVED

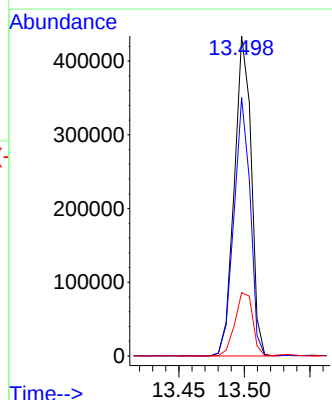
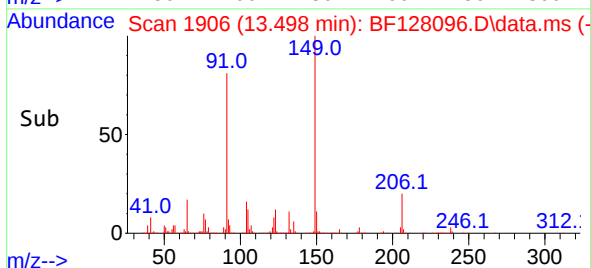
Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

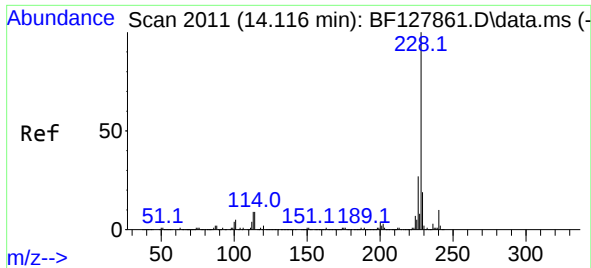


#80
 Butylbenzylphthalate
 Concen: 56.057 ng
 RT: 13.498 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: BF128096.D
 Acq: 05 May 2022 16:01



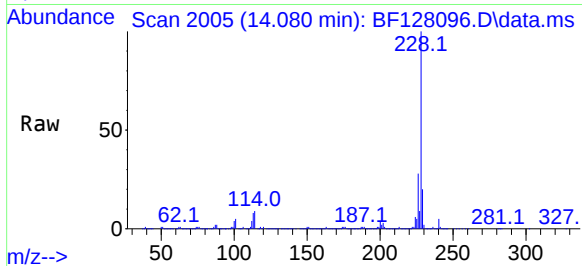
Tgt Ion:149 Resp: 389840
 Ion Ratio Lower Upper
 149 100
 91 80.8 65.8 98.6
 206 19.8 15.4 23.2





#81
Benzo(a)anthracene
Concen: 54.717 ng
RT: 14.080 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

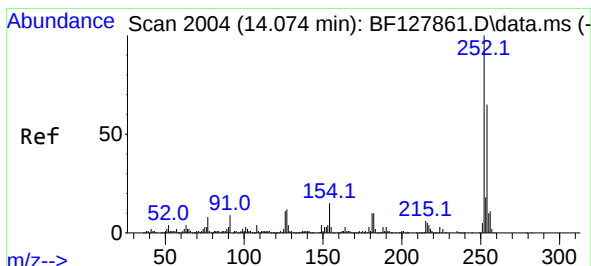
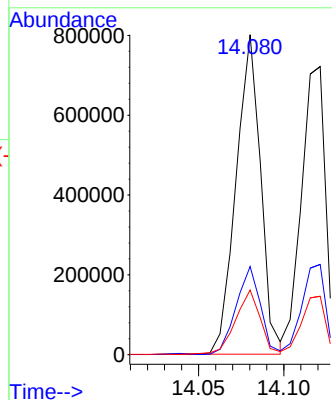
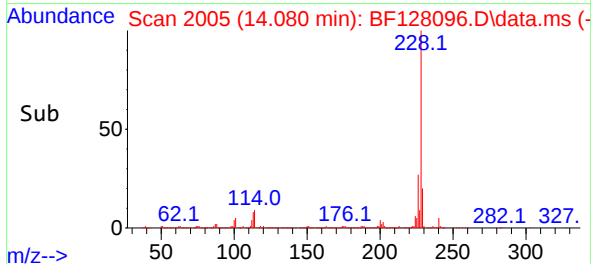
Instrument :
BNA_F
ClientSampleId :
03MSD



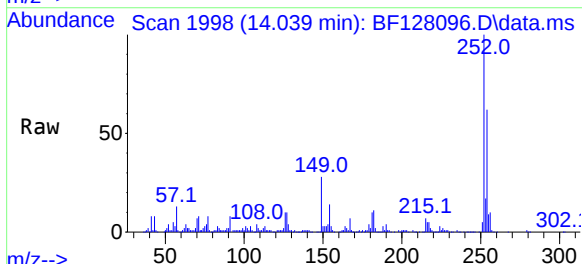
Tgt Ion:228 Resp: 801590
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.2 15.4 23.2

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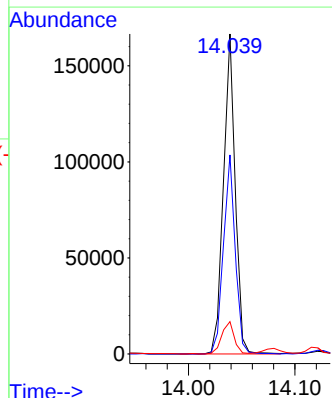
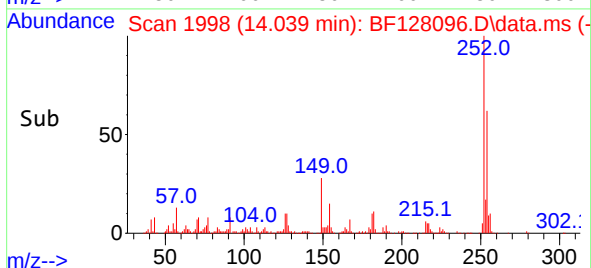
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

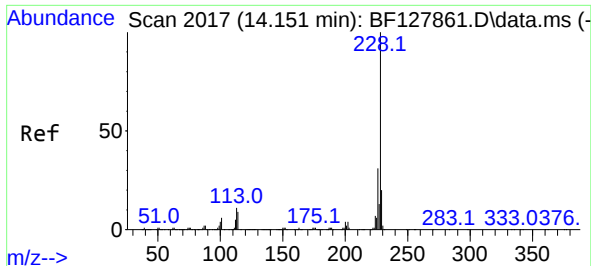


#82
3,3'-Dichlorobenzidine
Concen: 27.426 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



Tgt Ion:252 Resp: 127572
Ion Ratio Lower Upper
252 100
254 62.2 51.6 77.4
126 10.1 8.8 13.2





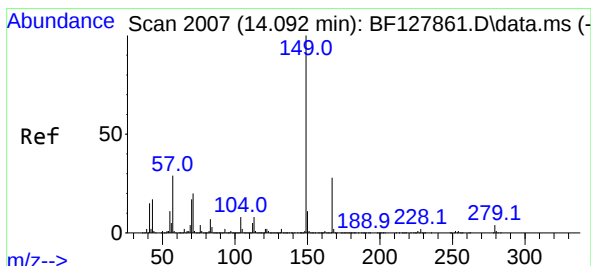
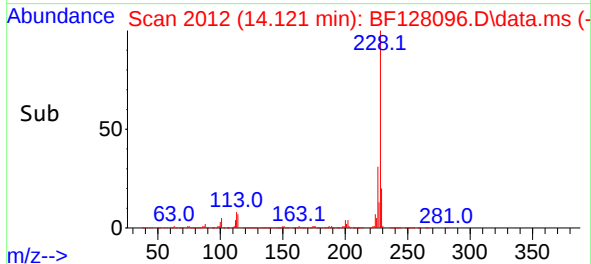
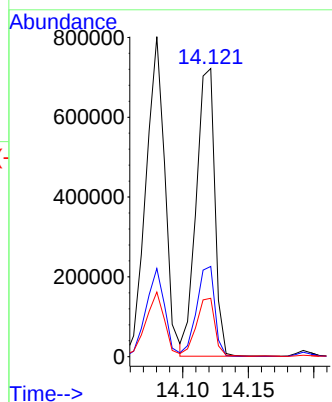
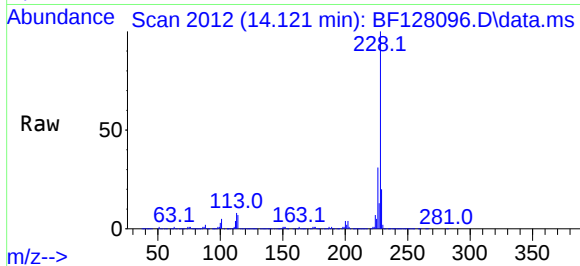
#83
Chrysene
Concen: 50.825 ng
RT: 14.121 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

Instrument :
BNA_F
ClientSampleId :
03MSD

Tgt Ion:228 Resp: 711107
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 20.3 15.8 23.8

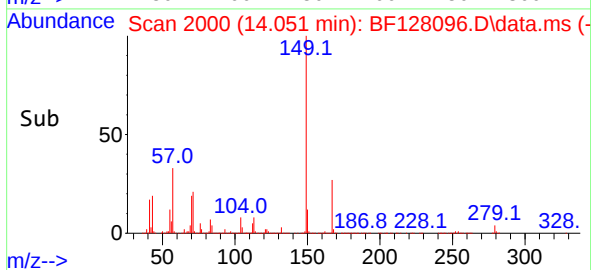
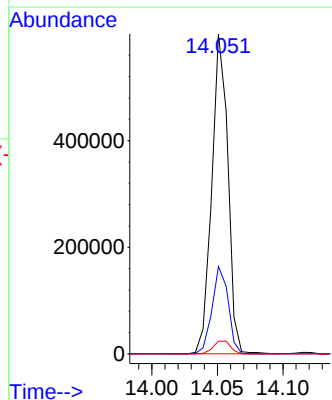
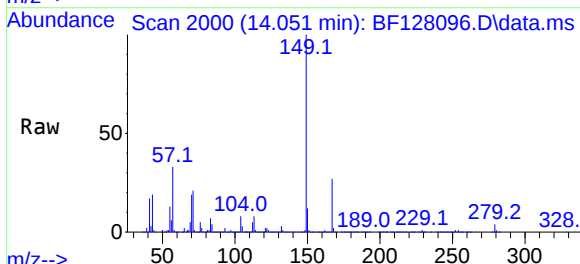
Manual Integrations
APPROVED

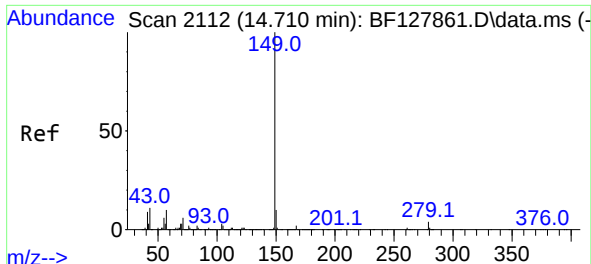
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.667 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

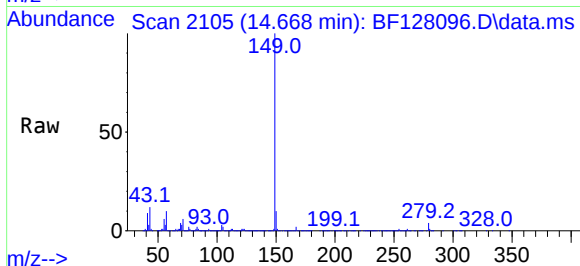
Tgt Ion:149 Resp: 513382
Ion Ratio Lower Upper
149 100
167 27.3 22.0 33.0
279 4.0 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 49.430 ng
RT: 14.668 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

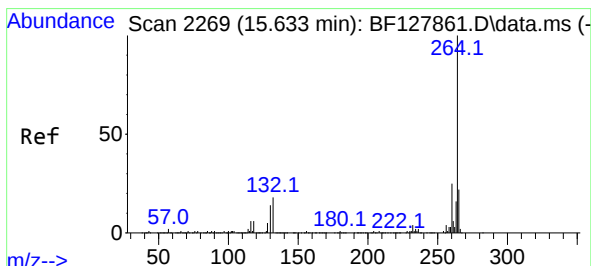
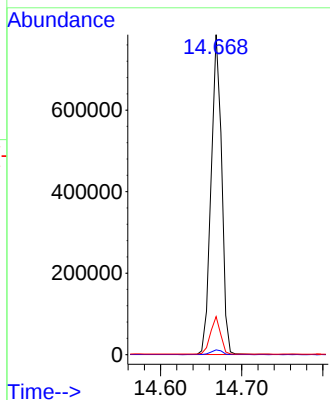
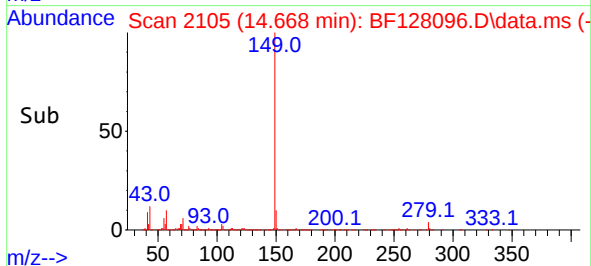
Instrument :
BNA_F
ClientSampleId :
03MSD



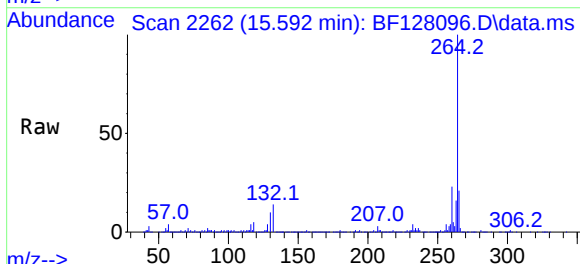
Tgt Ion:149 Resp: 70644
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 8.9 13.3

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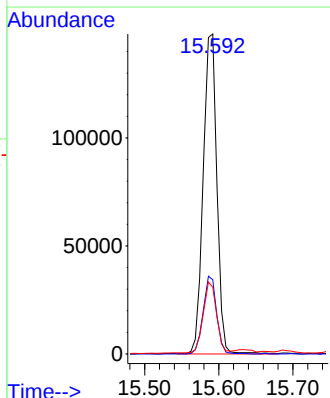
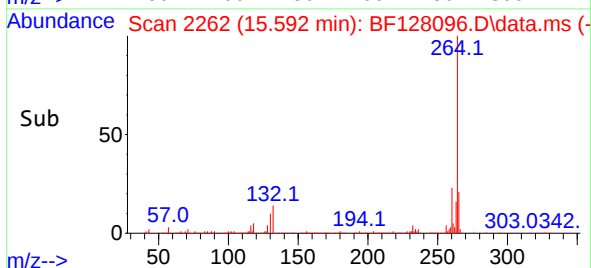
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

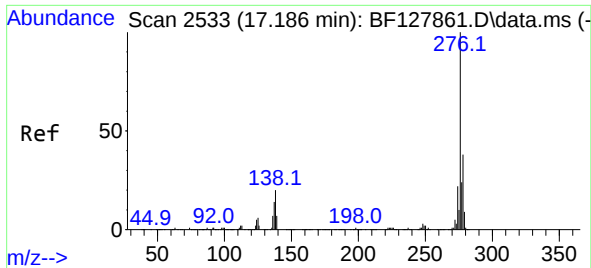


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



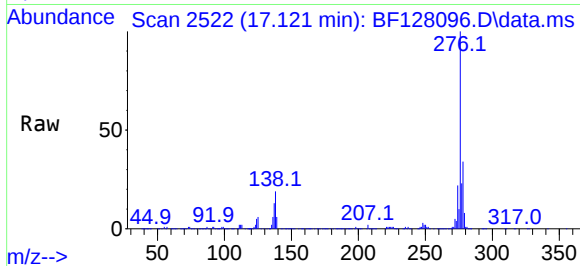
Tgt Ion:264 Resp: 190741
Ion Ratio Lower Upper
264 100
260 23.2 20.1 30.1
265 20.8 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.070 ng
RT: 17.121 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

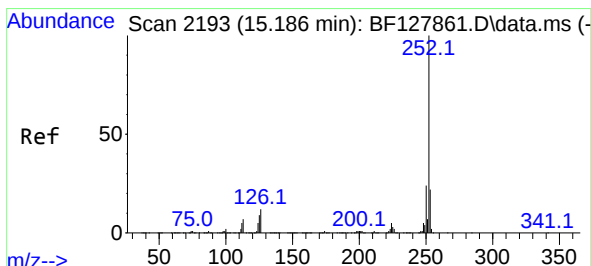
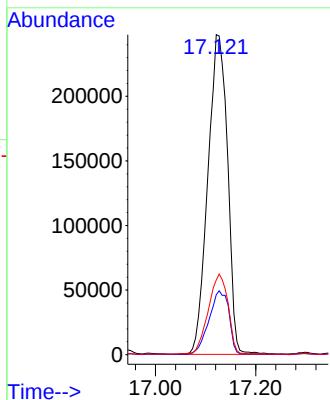
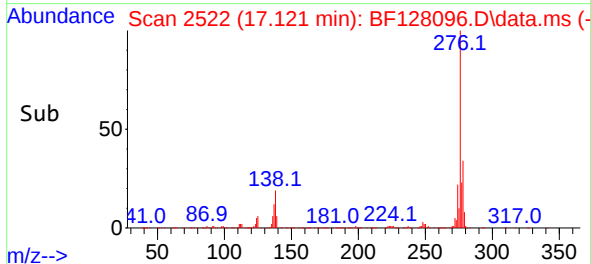
Instrument :
BNA_F
ClientSampleId :
03MSD



Tgt Ion:276 Resp: 67566
Ion Ratio Lower Upper
276 100
138 20.0 19.0 28.4
277 25.0 20.1 30.1

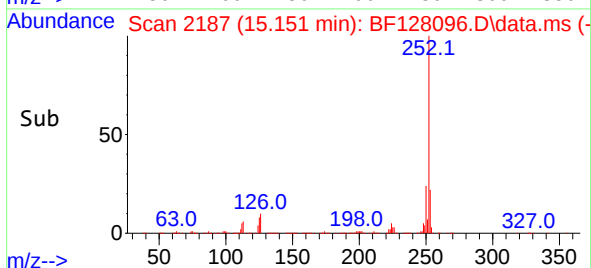
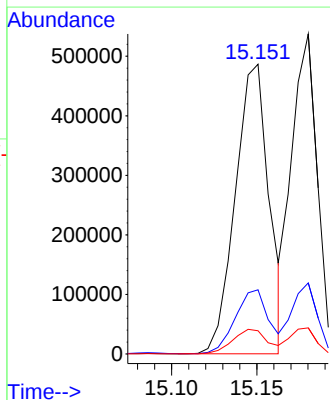
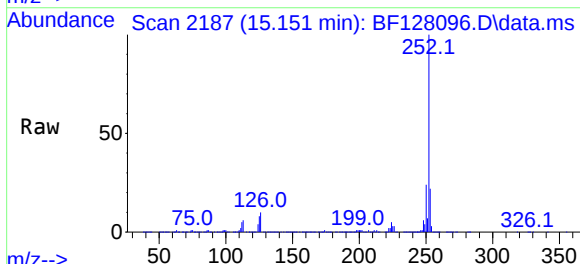
Manual Integrations
APPROVED

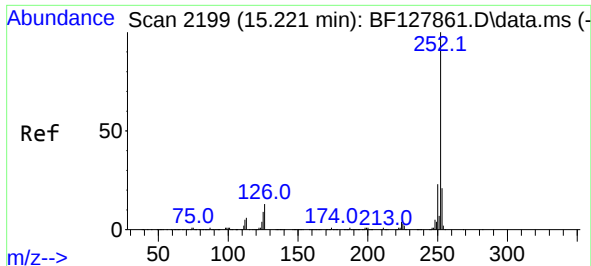
Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022



#88
Benzo(b)fluoranthene
Concen: 55.992 ng
RT: 15.151 min Scan# 2187
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

Tgt Ion:252 Resp: 670794
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 46.542 ng

RT: 15.180 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

Instrument :

BNA_F

ClientSampleId :

03MSD

Tgt Ion:252 Resp: 56174

Ion Ratio Lower Upper

252 100

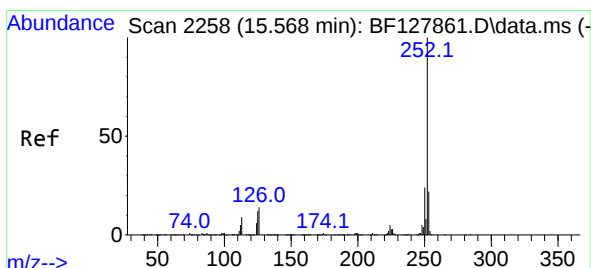
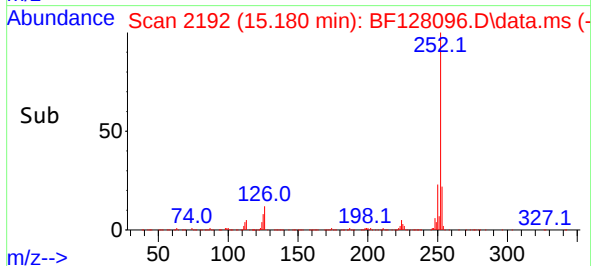
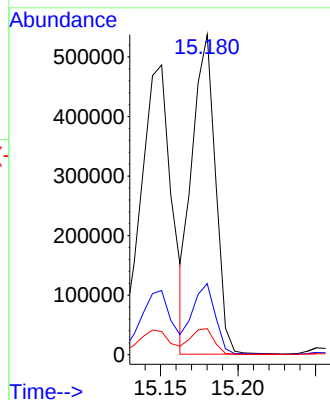
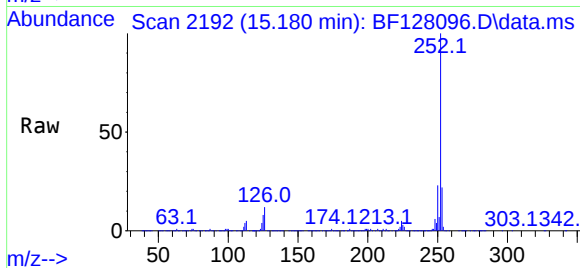
253 22.2 17.0 25.4

125 8.1 6.8 10.2

Manual Integrations

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



#90

Benzo(a)pyrene

Concen: 62.476 ng

RT: 15.527 min Scan# 2251

Delta R.T. -0.006 min

Lab File: BF128096.D

Acq: 05 May 2022 16:01

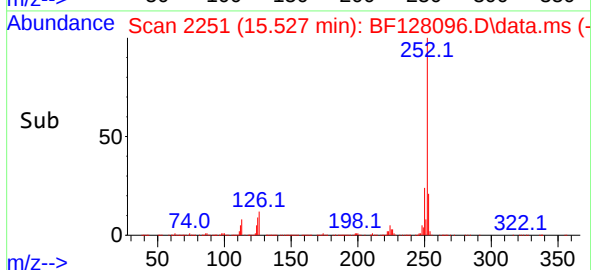
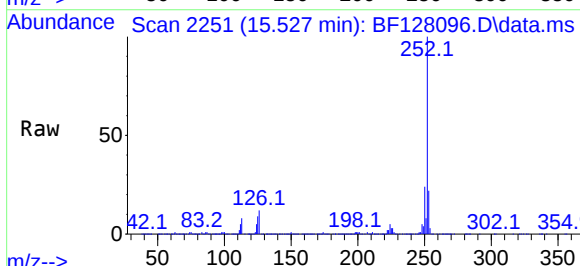
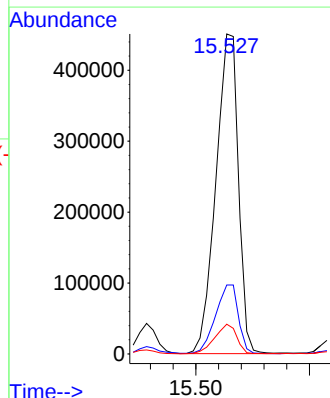
Tgt Ion:252 Resp: 620857

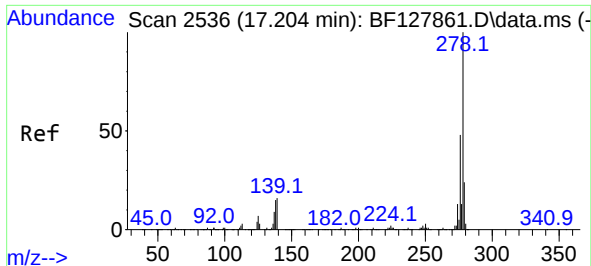
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

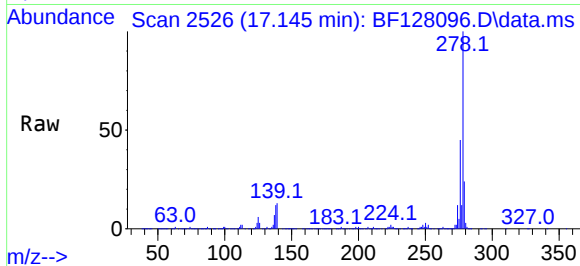
125 9.3 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 53.850 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01

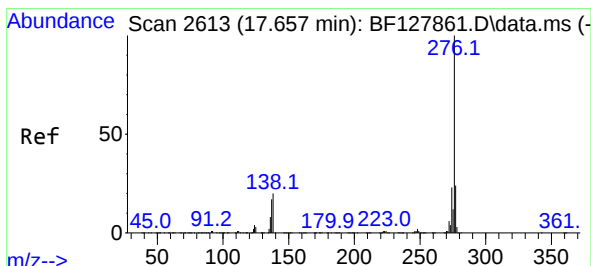
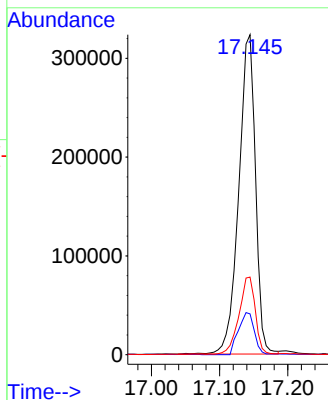
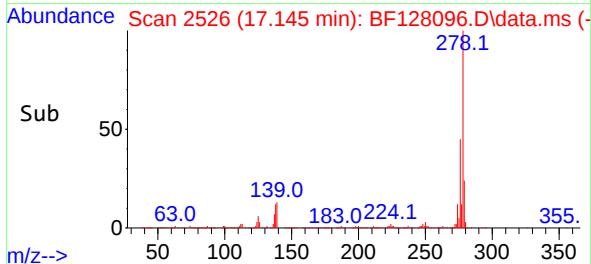
Instrument :
BNA_F
ClientSampleId :
03MSD



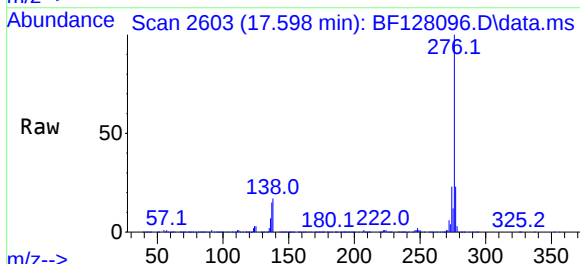
Tgt Ion:278 Resp: 54984
Ion Ratio Lower Upper
278 100
139 12.7 12.6 19.0
279 24.3 18.9 28.3

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 55.995 ng
RT: 17.598 min Scan# 2603
Delta R.T. 0.000 min
Lab File: BF128096.D
Acq: 05 May 2022 16:01



Tgt Ion:276 Resp: 602541
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 17.3 16.2 24.2

