

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130668.D
 Acq On : 14 Oct 2022 16:33
 Operator : CG\JU
 Sample : N5140-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

Quant Time: Oct 17 02:21:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	77795	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	299918	20.000	ng	-0.01
39) Acenaphthene-d10	9.616	164	165885	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	289598	20.000	ng	0.00
76) Chrysene-d12	13.727	240	174234	20.000	ng	# 0.00
86) Perylene-d12	15.098	264	143308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.192	112	427678	99.095	ng	0.00
7) Phenol-d6	6.234	99	534659	98.533	ng	0.00
23) Nitrobenzene-d5	7.157	82	328475	59.789	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	171090	105.405	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	624766	57.049	ng	0.00
79) Terphenyl-d14	12.674	244	635965	60.581	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.234	88	78830	30.191	ng	97
3) Pyridine	2.887	79	194570	41.659	ng	98
4) n-Nitrosodimethylamine	2.857	42	104283	47.389	ng	90
6) Aniline	6.245	93	250778	38.603	ng	# 67
8) 2-Chlorophenol	6.369	128	247021	48.670	ng	98
9) Benzaldehyde	6.134	77	127750	37.473	ng	99
10) Phenol	6.251	94	290774	46.313	ng	98
11) bis(2-Chloroethyl)ether	6.328	93	210569	46.171	ng	99
12) 1,3-Dichlorobenzene	6.522	146	262714	47.275	ng	99
13) 1,4-Dichlorobenzene	6.598	146	268484	47.623	ng	99
14) 1,2-Dichlorobenzene	6.751	146	252701	48.129	ng	98
15) Benzyl Alcohol	6.739	79	178956	45.936	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.869	45	262494	44.738	ng	86
17) 2-Methylphenol	6.857	107	195452	48.412	ng	96
18) Hexachloroethane	7.086	117	99641	46.719	ng	97
19) n-Nitroso-di-n-propyla...	7.010	70	159902	45.675	ng	99
20) 3+4-Methylphenols	7.016	107	242562	44.836	ng	# 83
22) Acetophenone	7.004	105	342768	47.642	ng	# 97
24) Nitrobenzene	7.175	77	247855	44.860	ng	98
25) Isophorone	7.416	82	441320	48.264	ng	99
26) 2-Nitrophenol	7.486	139	129246	47.701	ng	89
27) 2,4-Dimethylphenol	7.539	122	208552	55.226	ng	99
28) bis(2-Chloroethoxy)met...	7.628	93	265099	50.070	ng	99
29) 2,4-Dichlorophenol	7.733	162	200179	47.379	ng	99
30) 1,2,4-Trichlorobenzene	7.810	180	212155	46.577	ng	98
31) Naphthalene	7.886	128	698688	45.004	ng	100
32) Benzoic acid	7.704	122	110629	46.307	ng	99
33) 4-Chloroaniline	7.945	127	188089	31.275	ng	99
34) Hexachlorobutadiene	8.004	225	135574	47.955	ng	98
35) Caprolactam	8.328	113	61701m	48.537	ng	
36) 4-Chloro-3-methylphenol	8.445	107	218657	47.710	ng	94
37) 2-Methylnaphthalene	8.580	142	468473	47.950	ng	100
38) 1-Methylnaphthalene	8.675	142	435480	45.915	ng	99
40) 1,2,4,5-Tetrachloroben...	8.745	216	220944	49.091	ng	99
41) Hexachlorocyclopentadiene	8.728	237	182102	102.643	ng	99
43) 2,4,6-Trichlorophenol	8.863	196	137518	45.507	ng	98

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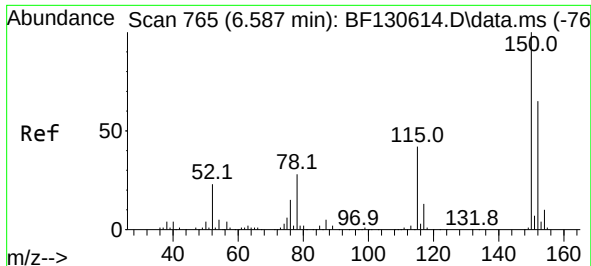
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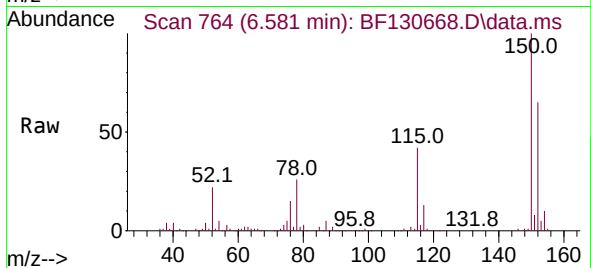
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.910	196	148053	44.550	ng	98
46) 1,1'-Biphenyl	9.045	154	572626	47.632	ng	99
47) 2-Chloronaphthalene	9.063	162	448911	45.689	ng	98
48) 2-Nitroaniline	9.175	65	130680	44.183	ng	94
49) Acenaphthylene	9.480	152	672926	45.709	ng	99
50) Dimethylphthalate	9.357	163	525705	45.781	ng	99
51) 2,6-Dinitrotoluene	9.416	165	118761	47.148	ng	100
52) Acenaphthene	9.651	154	403958	45.289	ng	99
53) 3-Nitroaniline	9.586	138	89309	32.345	ng	99
54) 2,4-Dinitrophenol	9.704	184	116200	89.876	ng	98
55) Dibenzofuran	9.822	168	614959	45.258	ng	99
56) 4-Nitrophenol	9.769	139	139904	91.897	ng	91
57) 2,4-Dinitrotoluene	9.822	165	153587	47.443	ng	95
58) Fluorene	10.163	166	503501	45.072	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.945	232	117019	44.167	ng	96
60) Diethylphthalate	10.051	149	502200	43.833	ng	99
61) 4-Chlorophenyl-phenyle...	10.157	204	238366	47.197	ng	98
62) 4-Nitroaniline	10.204	138	109684	41.607	ng	99
63) Azobenzene	10.316	77	459537	42.585	ng	99
65) 4,6-Dinitro-2-methylph...	10.227	198	82923	45.820	ng	80
66) n-Nitrosodiphenylamine	10.280	169	430060	44.644	ng	100
67) 4-Bromophenyl-phenylether	10.645	248	154793	47.240	ng	96
68) Hexachlorobenzene	10.704	284	179407	48.434	ng	97
69) Atrazine	10.816	200	140306	53.487	ng	98
70) Pentachlorophenol	10.910	266	138295	95.928	ng	98
71) Phenanthrene	11.121	178	710807	44.302	ng	100
72) Anthracene	11.174	178	730193	46.598	ng	99
73) Carbazole	11.333	167	639183	45.713	ng	99
74) Di-n-butylphthalate	11.663	149	781898	46.164	ng	100
75) Fluoranthene	12.304	202	718173	46.572	ng	99
77) Benzidine	12.433	184	219420	49.823	ng	97
78) Pyrene	12.527	202	712994	47.434	ng	99
80) Butylbenzylphthalate	13.157	149	278168	48.127	ng	99
81) Benzo(a)anthracene	13.715	228	520851	44.365	ng	99
82) 3,3'-Dichlorobenzidine	13.686	252	162204	47.812	ng	# 98
83) Chrysene	13.751	228	487318	43.780	ng	99
84) Bis(2-ethylhexyl)phtha...	13.715	149	340529	48.597	ng	100
85) Di-n-octyl phthalate	14.327	149	446820	41.636	ng	99
87) Indeno(1,2,3-cd)pyrene	16.392	276	509758	47.525	ng	98
88) Benzo(b)fluoranthene	14.721	252	430241	47.412	ng	99
89) Benzo(k)fluoranthene	14.745	252	412230	44.614	ng	99
90) Benzo(a)pyrene	15.045	252	372160	49.276	ng	99
91) Dibenzo(a,h)anthracene	16.404	278	439150	49.948	ng	99
92) Benzo(g,h,i)perylene	16.780	276	440213	53.758	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

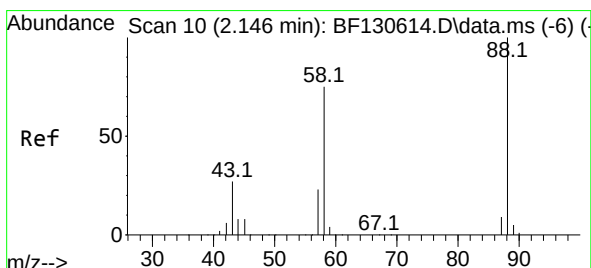
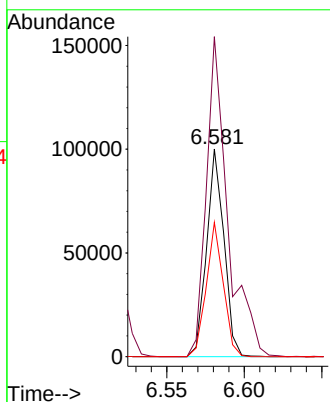
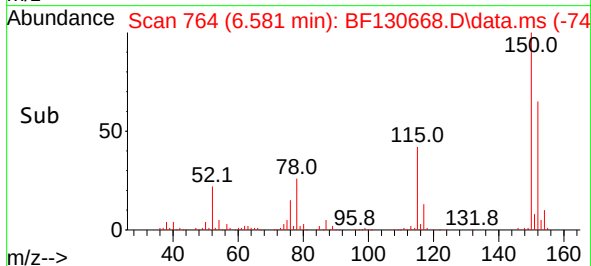
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



Tgt Ion:152 Resp: 77795
Ion Ratio Lower Upper
152 100
150 154.2 123.8 185.6
115 64.6 52.2 78.4

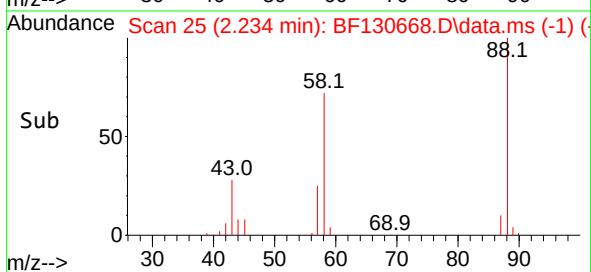
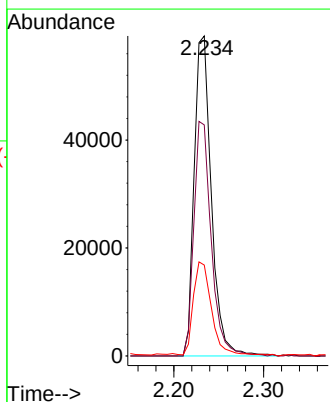
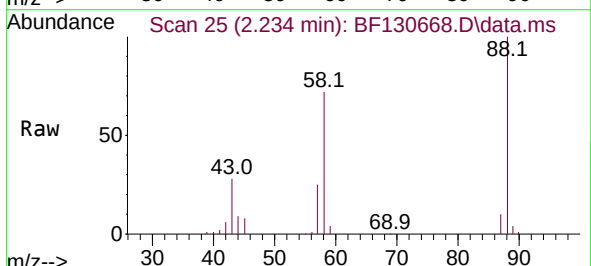
Manual Integrations
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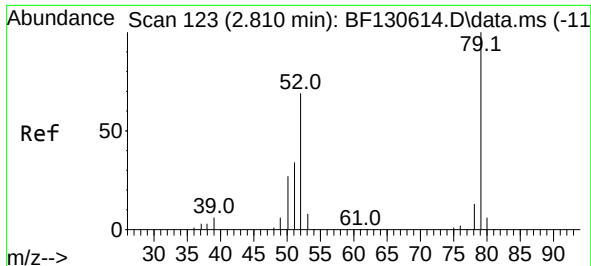
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#2
1,4-Dioxane
Concen: 30.191 ng
RT: 2.234 min Scan# 25
Delta R.T. 0.088 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

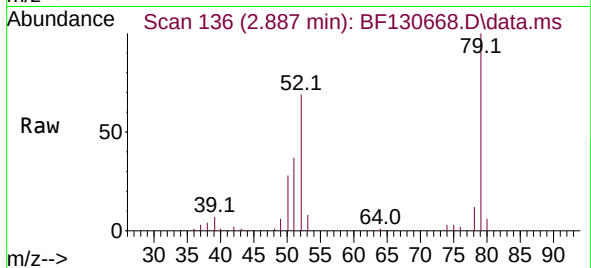
Tgt Ion: 88 Resp: 78830
Ion Ratio Lower Upper
88 100
58 74.0 58.8 88.2
43 31.9 22.2 33.4





#3
Pyridine
Concen: 41.659 ng
RT: 2.887 min Scan# 136
Delta R.T. 0.076 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

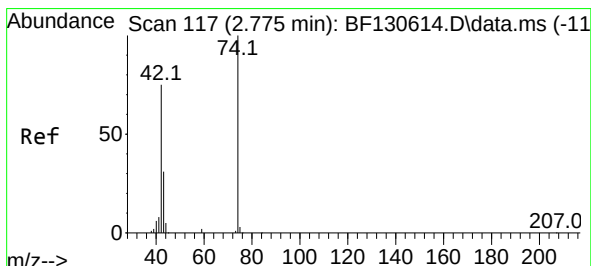
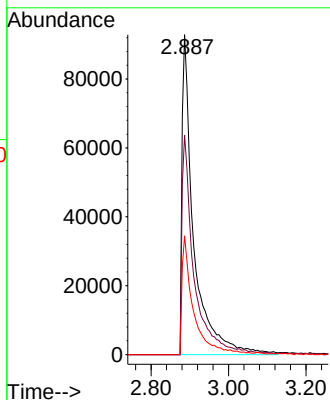
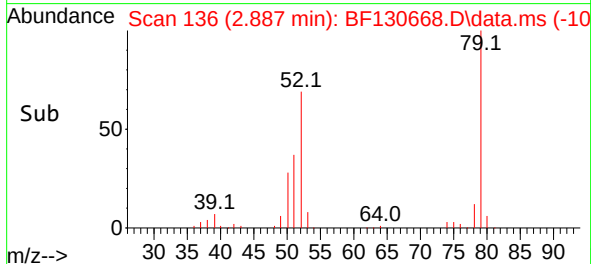
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



Tgt Ion: 79 Resp: 194570
Ion Ratio Lower Upper
79 100
52 68.6 54.8 82.2
51 37.1 27.4 41.2

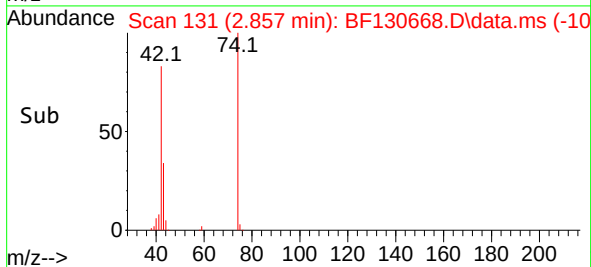
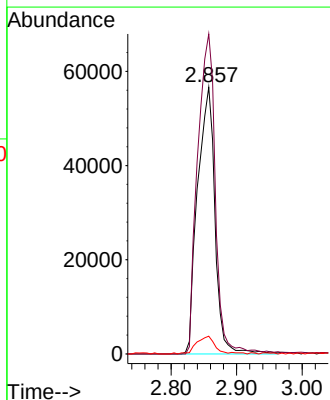
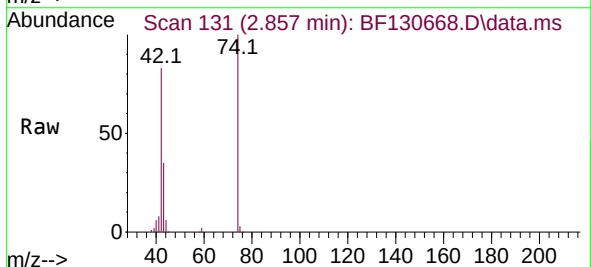
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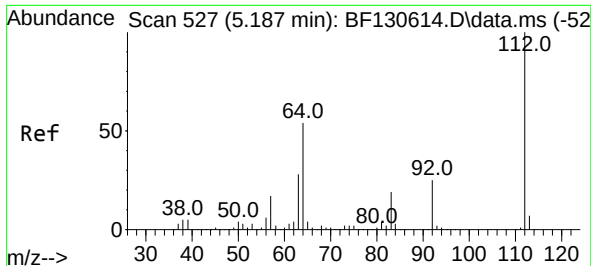
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#4
n-Nitrosodimethylamine
Concen: 47.389 ng
RT: 2.857 min Scan# 131
Delta R.T. 0.082 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

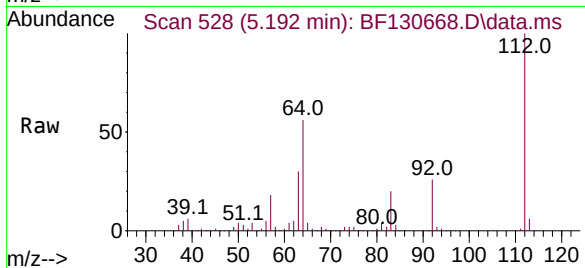
Tgt Ion: 42 Resp: 104283
Ion Ratio Lower Upper
42 100
74 120.0 106.2 159.2
44 6.6 5.0 7.4





#5
2-Fluorophenol
Concen: 99.095 ng
RT: 5.192 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

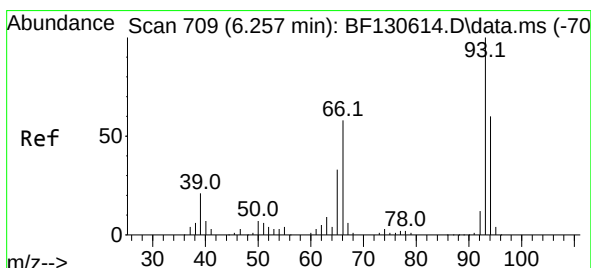
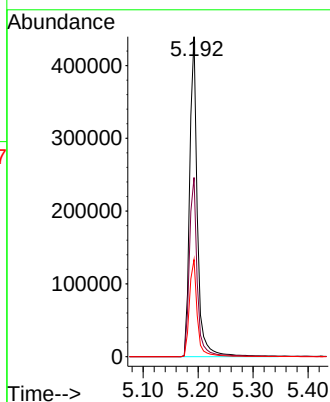
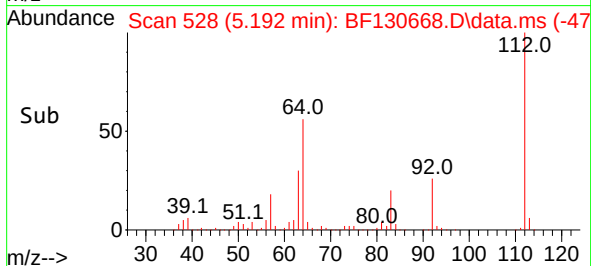
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Tgt Ion: 112 Resp: 427678
Ion Ratio Lower Upper
112 100
64 56.0 43.5 65.3
63 30.3 22.6 34.0

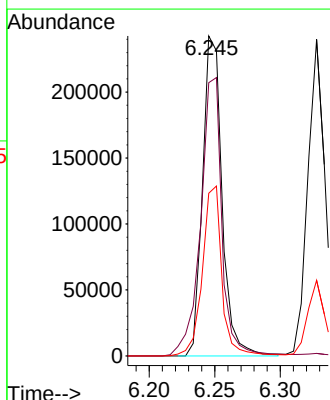
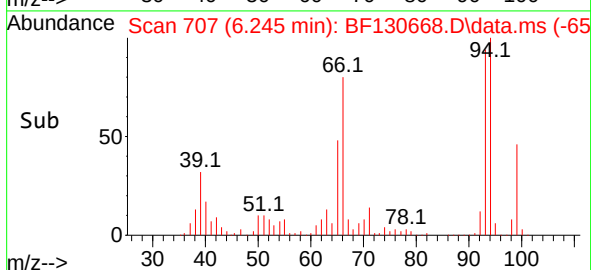
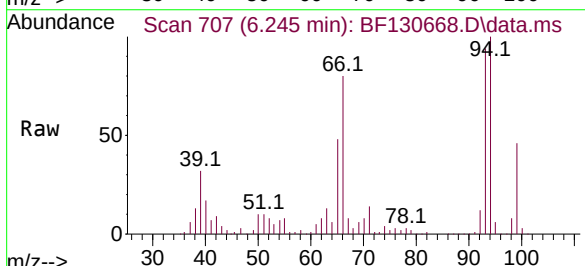
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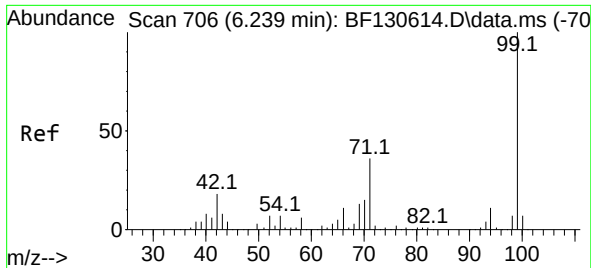
Reviewed By : Christian Giraldo 10/17/2022
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#6
Aniline
Concen: 38.603 ng
RT: 6.245 min Scan# 707
Delta R.T. -0.012 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

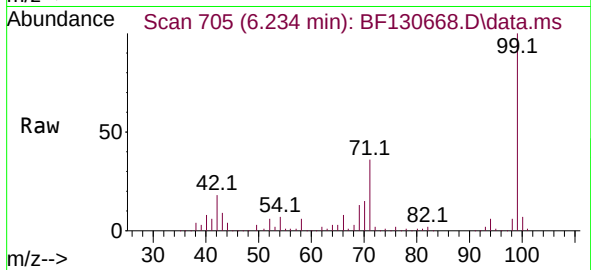
Tgt Ion: 93 Resp: 250778
Ion Ratio Lower Upper
93 100
66 85.4 47.4 71.0#
65 50.8 26.6 40.0#





#7
Phenol-d6
Concen: 98.533 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

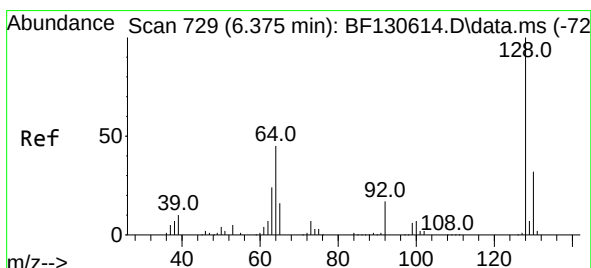
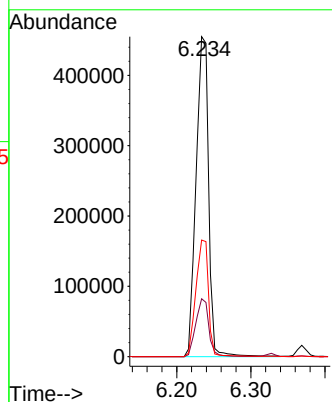
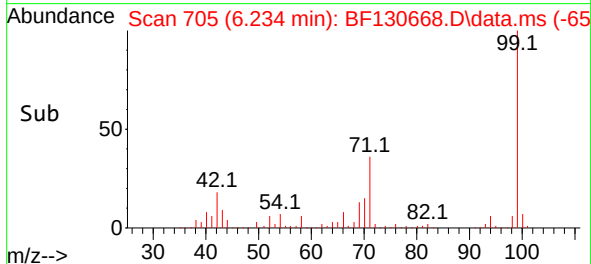
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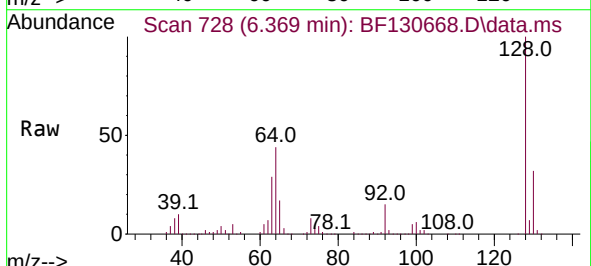
Tgt Ion: 99 Resp: 534659
Ion Ratio Lower Upper
99 100
42 18.1 14.0 21.0
71 36.4 28.8 43.2

Manual Integrations
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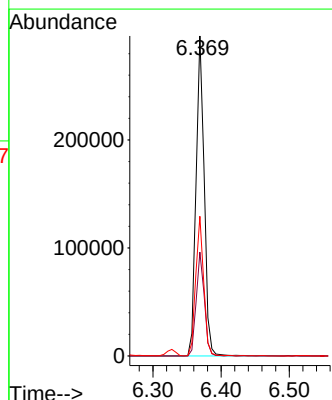
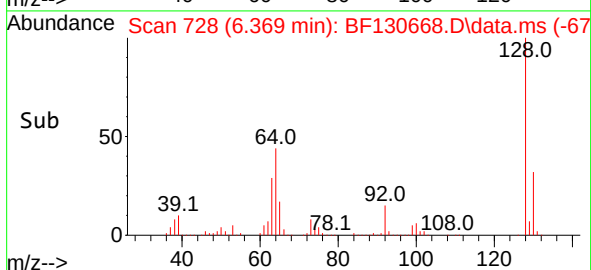
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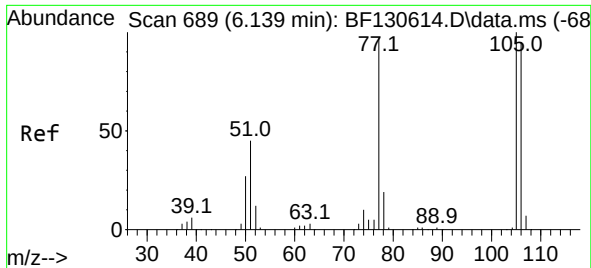


#8
2-Chlorophenol
Concen: 48.670 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33



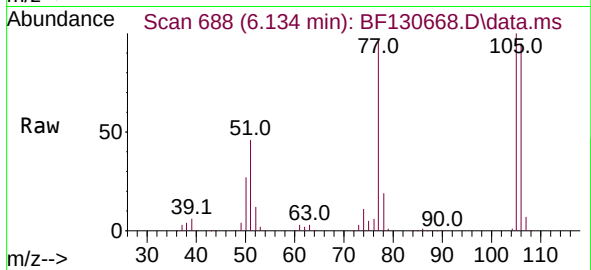
Tgt Ion:128 Resp: 247021
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 43.6 25.9 65.9





#9
Benzaldehyde
Concen: 37.473 ng
RT: 6.134 min Scan# 689
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

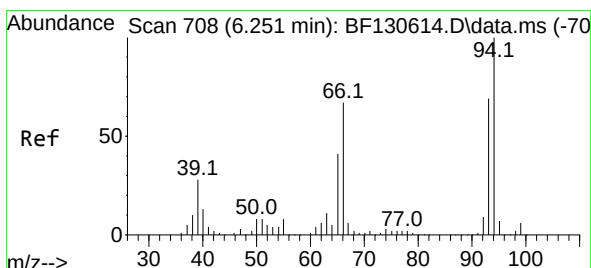
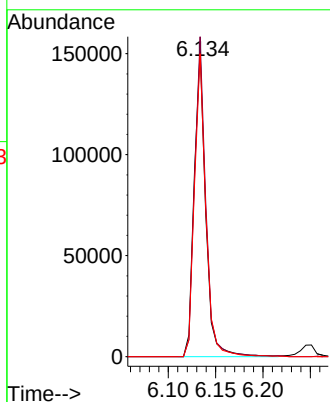
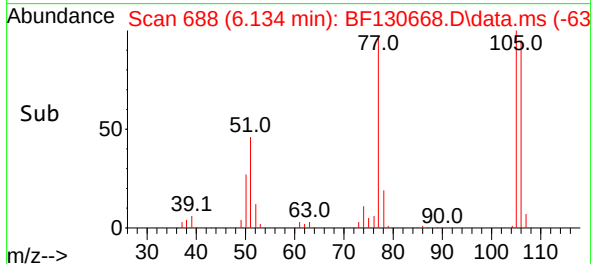
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 127750
Ion Ratio Lower Upper
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105 104.1 83.0 123.0
106 98.6 77.8 117.8

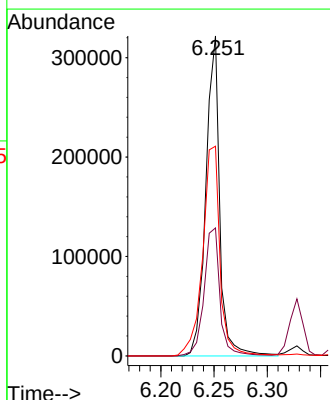
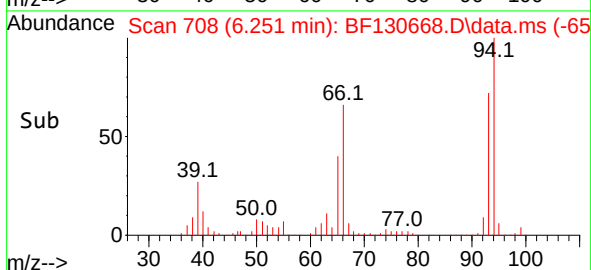
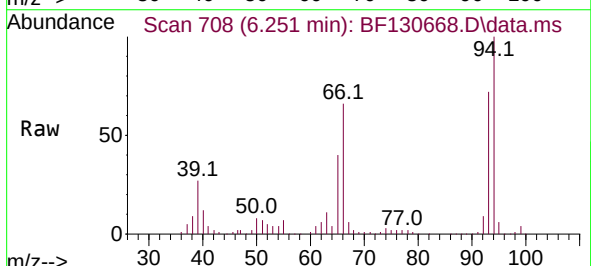
Manual Integrations
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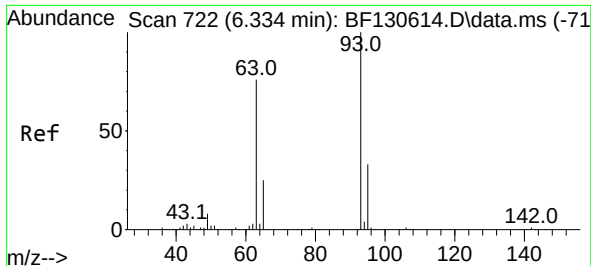
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#10
Phenol
Concen: 46.313 ng
RT: 6.251 min Scan# 708
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Tgt Ion: 94 Resp: 290774
Ion Ratio Lower Upper
94 100
65 40.0 21.2 61.2
66 65.5 46.9 86.9





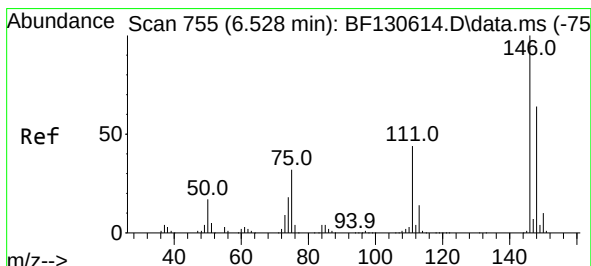
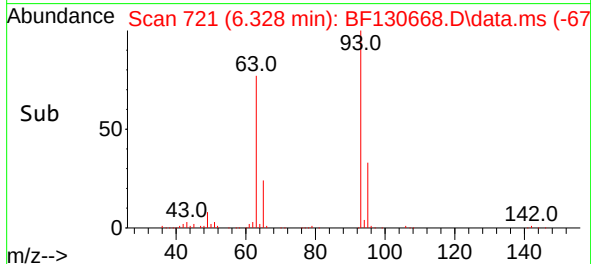
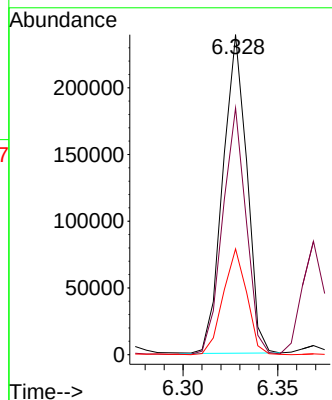
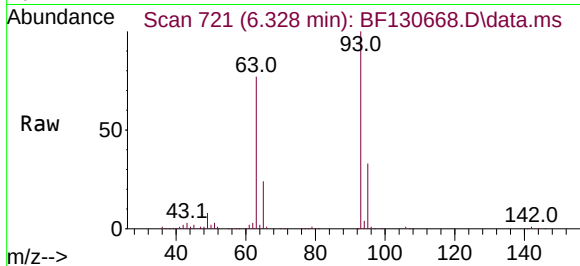
#11
bis(2-Chloroethyl)ether
Concen: 46.171 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS

Tgt Ion: 93 Resp: 210569
Ion Ratio Lower Upper
93 100
63 77.1 56.1 96.1
95 33.0 12.4 52.4

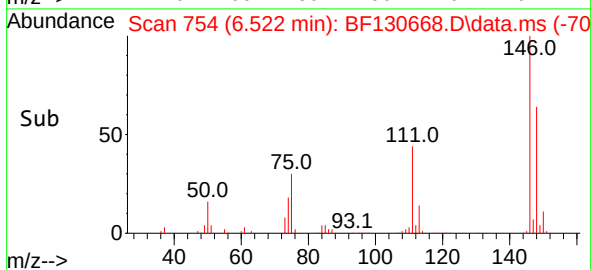
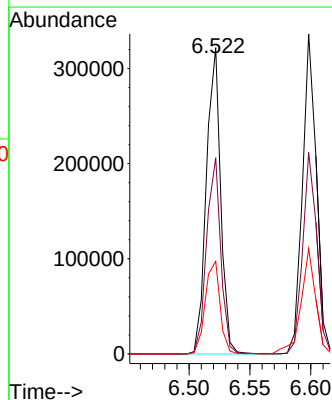
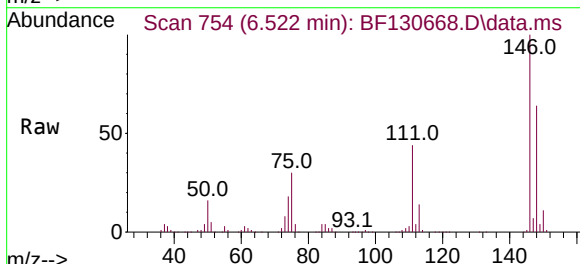
Manual Integrations
APPROVED

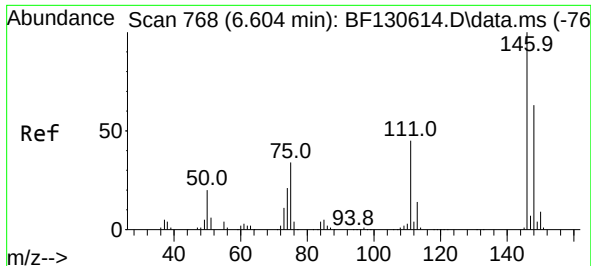
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#12
1,3-Dichlorobenzene
Concen: 47.275 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

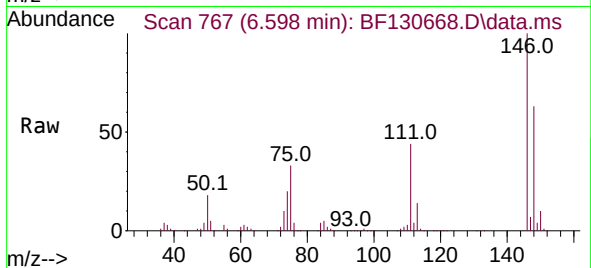
Tgt Ion:146 Resp: 262714
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 30.2 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 47.623 ng
RT: 6.598 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

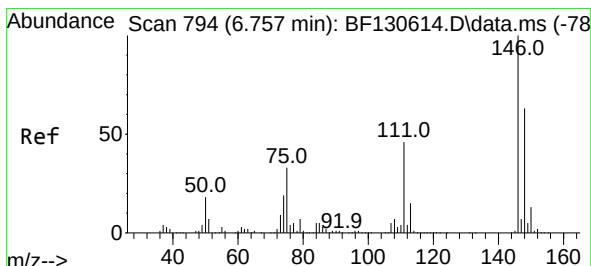
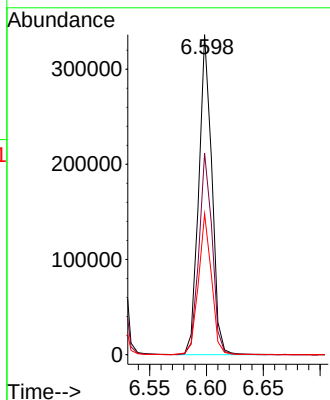
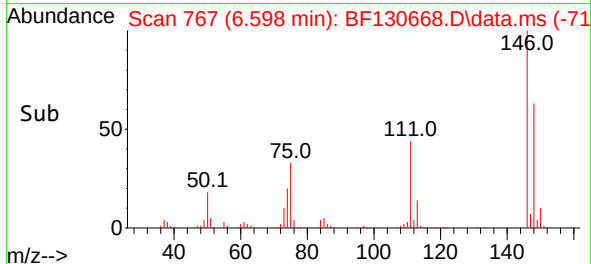
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



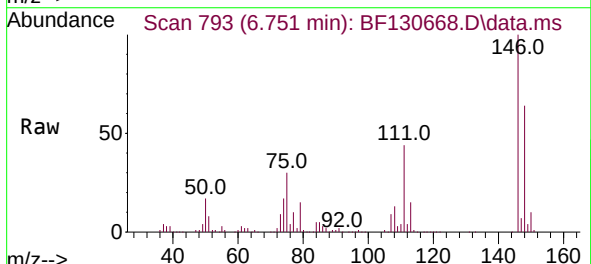
Tgt Ion:146 Resp: 268484
Ion Ratio Lower Upper
146 100
148 62.9 50.1 75.1
111 44.0 35.9 53.9

Manual Integrations
APPROVED

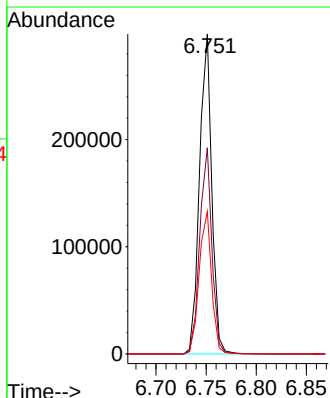
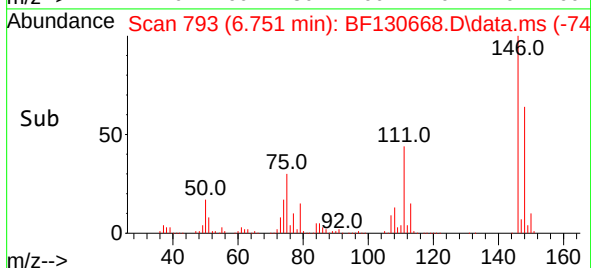
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

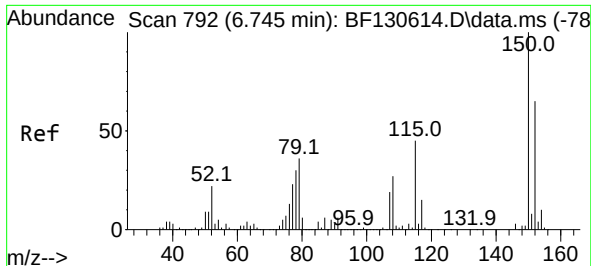


#14
1,2-Dichlorobenzene
Concen: 48.129 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33



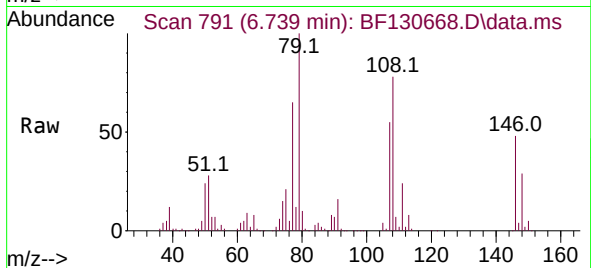
Tgt Ion:146 Resp: 252701
Ion Ratio Lower Upper
146 100
148 64.4 50.5 75.7
111 44.5 37.2 55.8





#15
Benzyl Alcohol
Concen: 45.936 ng
RT: 6.739 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

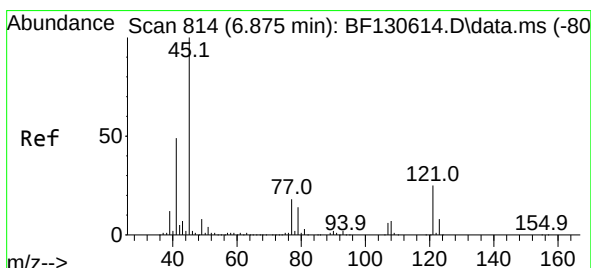
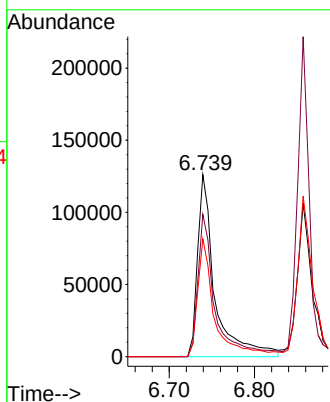
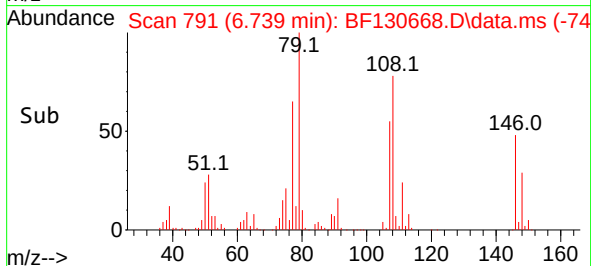
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



Tgt Ion: 79 Resp: 178956
Ion Ratio Lower Upper
79 100
108 78.2 59.7 89.5
77 64.6 51.8 77.6

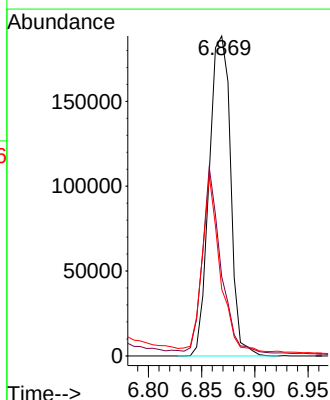
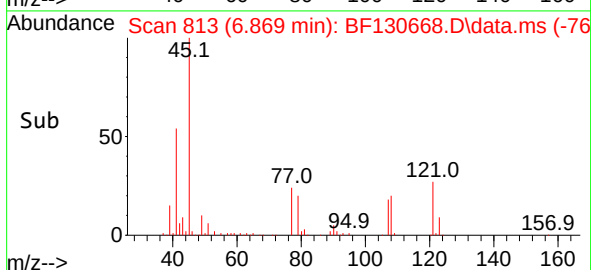
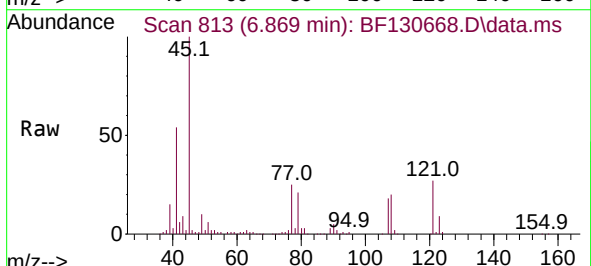
Manual Integrations
APPROVED

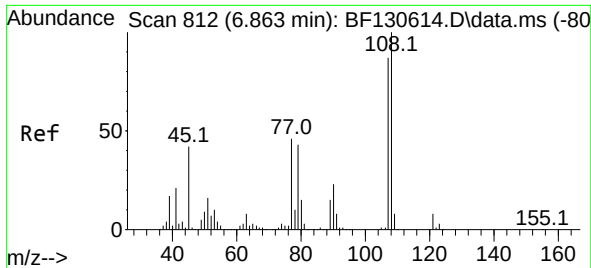
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.738 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

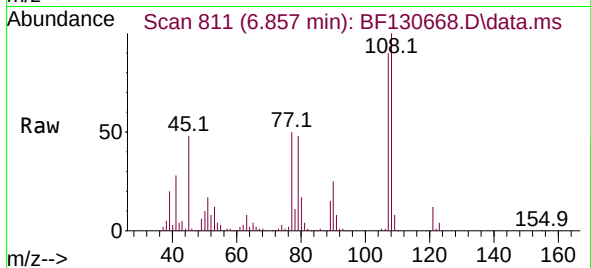
Tgt Ion: 45 Resp: 262494
Ion Ratio Lower Upper
45 100
77 24.7 0.0 38.7
79 20.8 0.0 34.6





#17
2-Methylphenol
Concen: 48.412 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

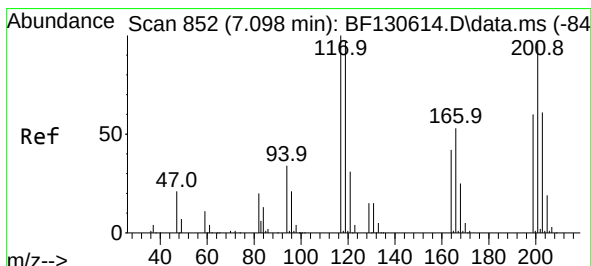
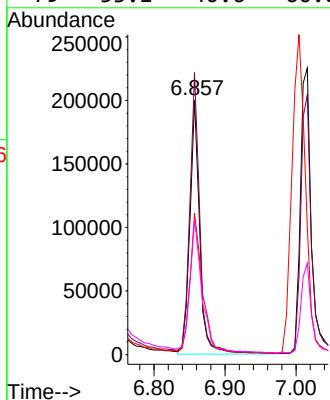
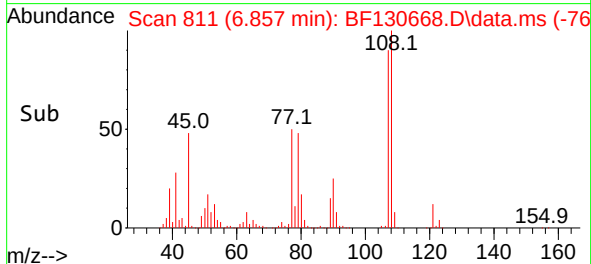
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



Tgt Ion:107 Resp: 195452
Ion Ratio Lower Upper
107 100
108 110.7 92.2 138.2
77 55.5 42.7 64.1
79 53.1 40.6 60.8

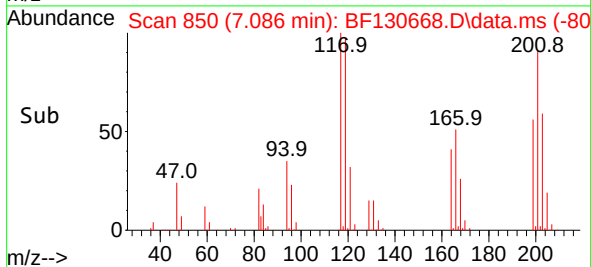
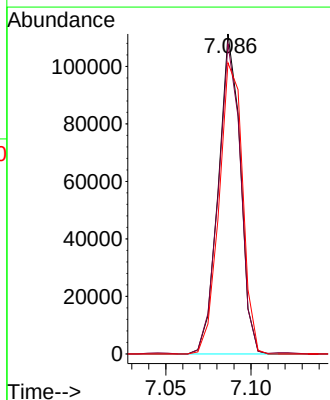
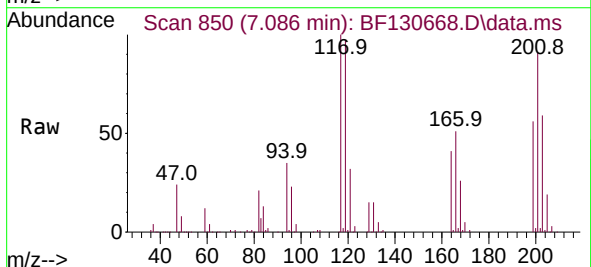
Manual Integrations
APPROVED

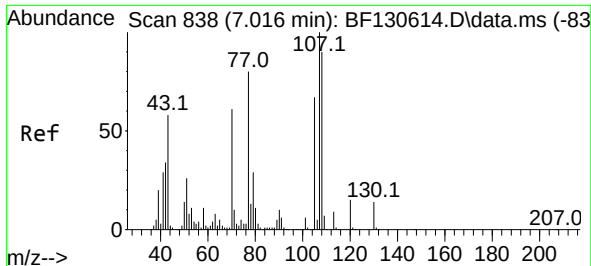
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#18
Hexachloroethane
Concen: 46.719 ng
RT: 7.086 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Tgt Ion:117 Resp: 99641
Ion Ratio Lower Upper
117 100
119 96.9 77.6 116.4
201 91.0 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 45.675 ng

RT: 7.010 min Scan# 838

Delta R.T. -0.006 min

Lab File: BF130668.D

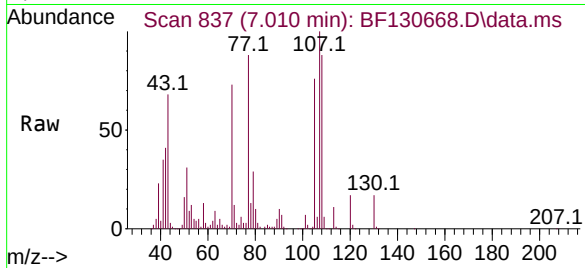
Acq: 14 Oct 2022 16:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS



Tgt Ion: 70 Resp: 159902

Ion Ratio Lower Upper

70 100

42 55.8 44.3 66.5

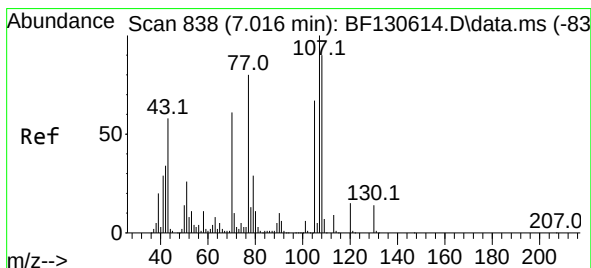
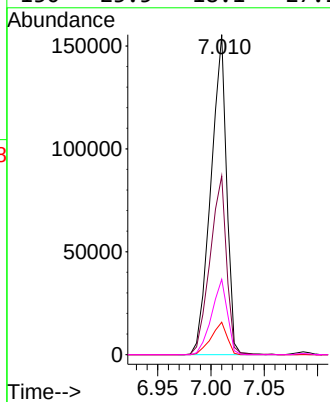
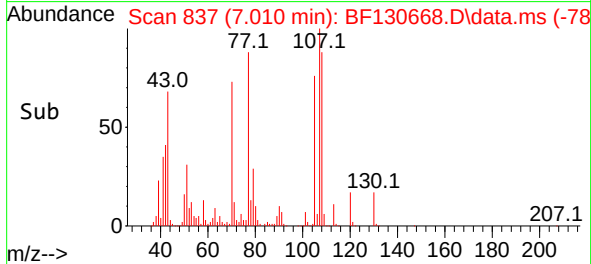
101 10.1 7.9 11.9

130 23.5 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#20

3+4-Methylphenols

Concen: 44.836 ng

RT: 7.016 min Scan# 838

Delta R.T. -0.000 min

Lab File: BF130668.D

Acq: 14 Oct 2022 16:33

Tgt Ion:107 Resp: 242562

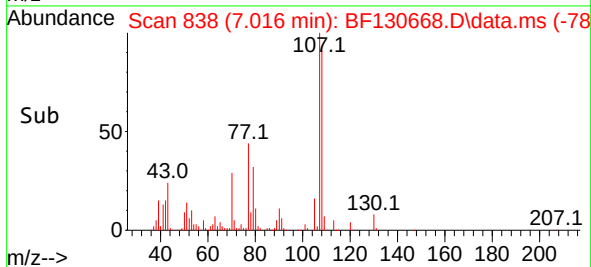
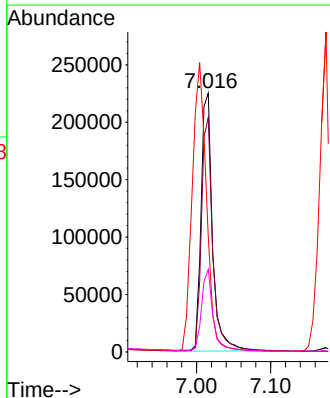
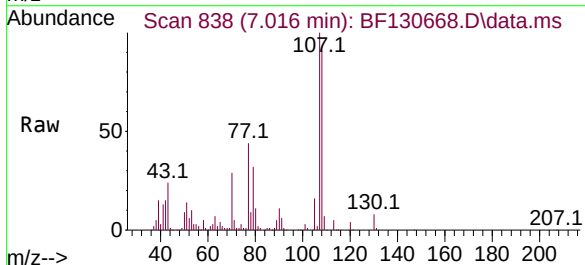
Ion Ratio Lower Upper

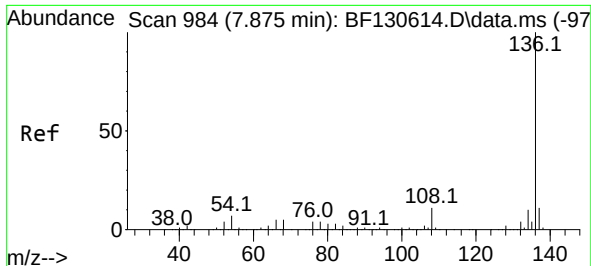
107 100

108 90.6 69.7 109.7

77 44.4 59.7 99.7#

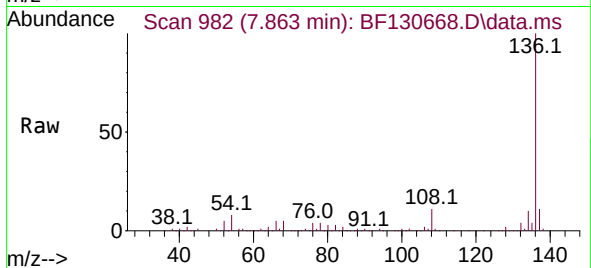
79 31.9 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 984
Delta R.T. -0.012 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

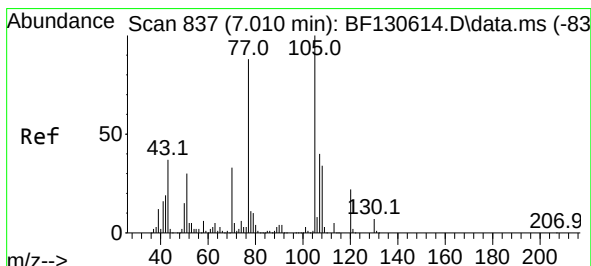
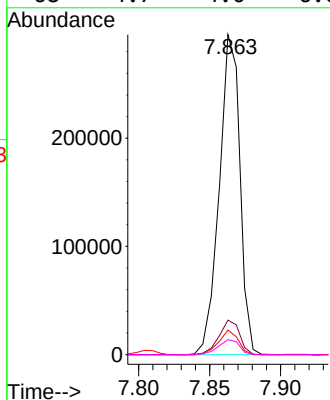
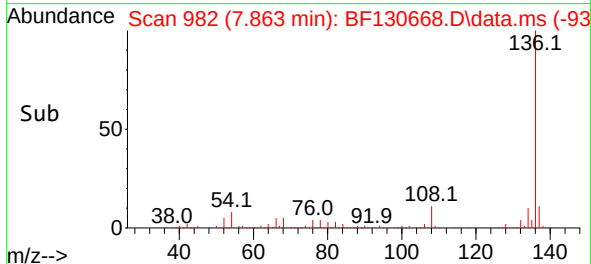
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



Tgt Ion:136 Resp: 299918
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.7 5.5 8.3
68 4.7 4.0 6.0

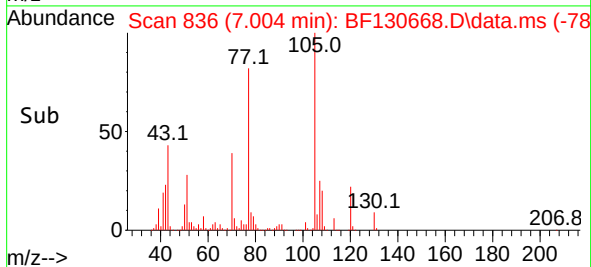
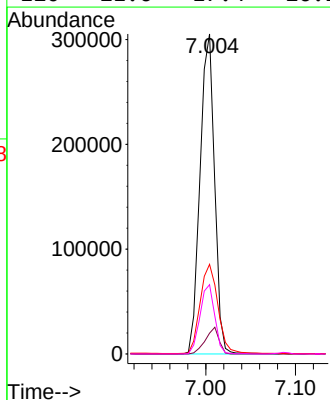
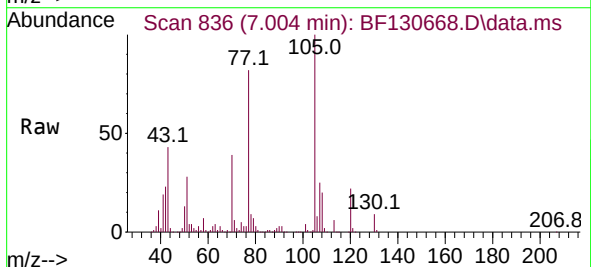
Manual Integrations
APPROVED

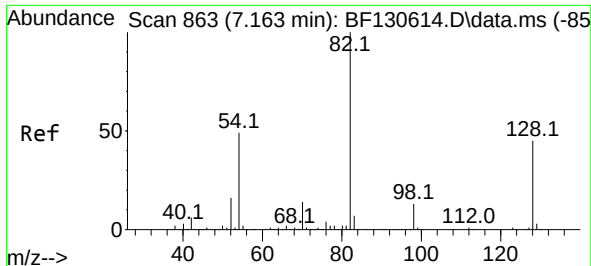
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#22
Acetophenone
Concen: 47.642 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Tgt Ion:105 Resp: 342768
Ion Ratio Lower Upper
105 100
71 6.5 4.2 6.4#
51 28.0 24.3 36.5
120 21.6 17.4 26.2





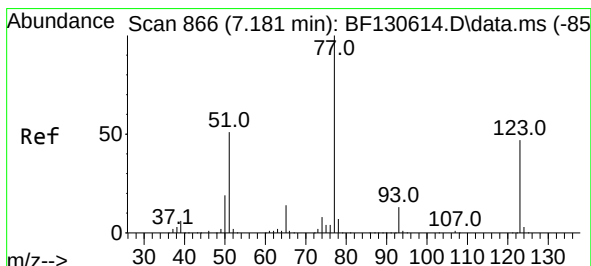
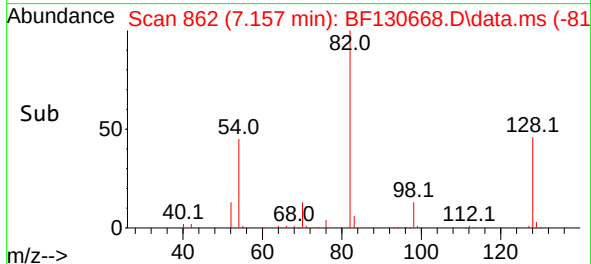
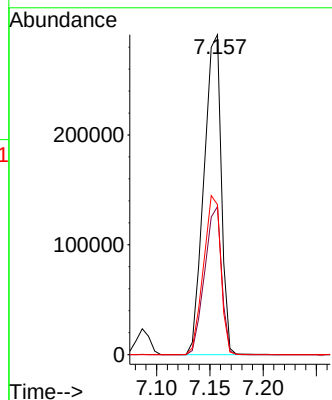
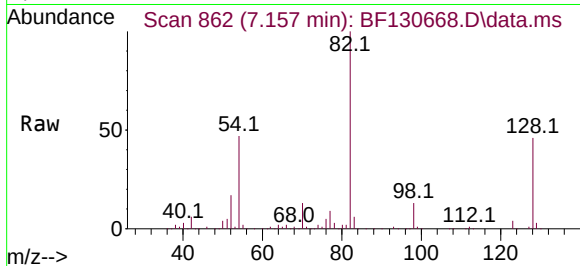
#23
Nitrobenzene-d5
Concen: 59.789 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS

Tgt Ion: 82 Resp: 328475
Ion Ratio Lower Upper
82 100
128 46.3 35.8 53.6
54 46.9 39.3 58.9

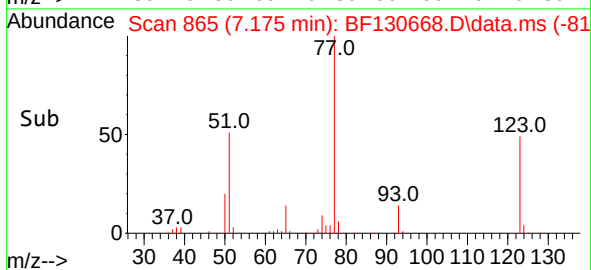
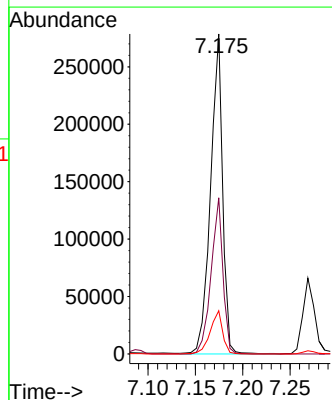
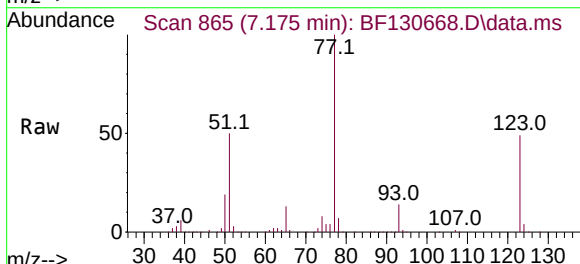
Manual Integrations
APPROVED

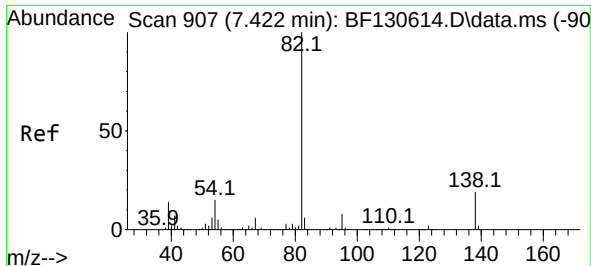
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#24
Nitrobenzene
Concen: 44.860 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

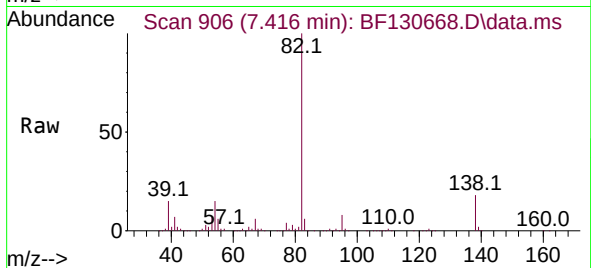
Tgt Ion: 77 Resp: 247855
Ion Ratio Lower Upper
77 100
123 48.8 37.5 56.3
65 13.5 11.0 16.4





#25
Isophorone
Concen: 48.264 ng
RT: 7.416 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

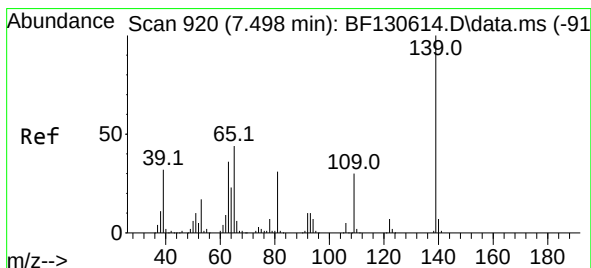
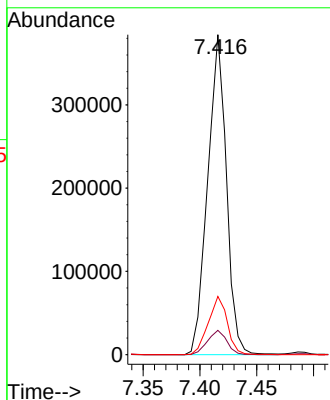
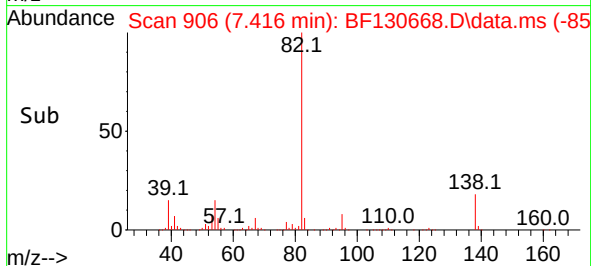
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



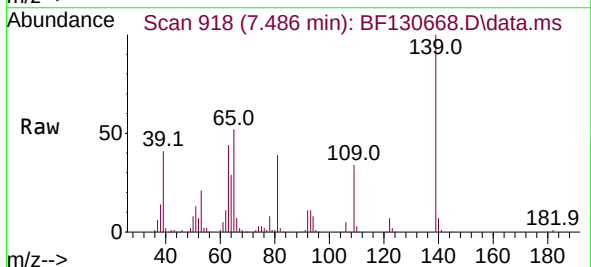
Tgt Ion: 82 Resp: 441320
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.2 14.9 22.3

Manual Integrations
APPROVED

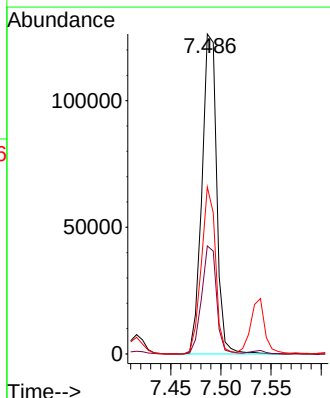
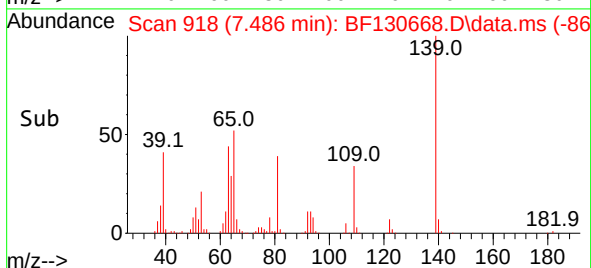
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

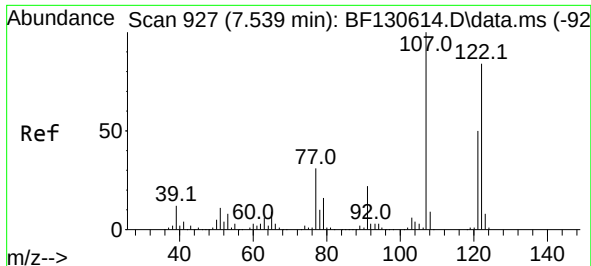


#26
2-Nitrophenol
Concen: 47.701 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.012 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33



Tgt Ion:139 Resp: 129246
Ion Ratio Lower Upper
139 100
109 33.7 23.9 35.9
65 52.2 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 55.226 ng

RT: 7.539 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130668.D

Acq: 14 Oct 2022 16:33

Instrument :

BNA_F

ClientSampleId :

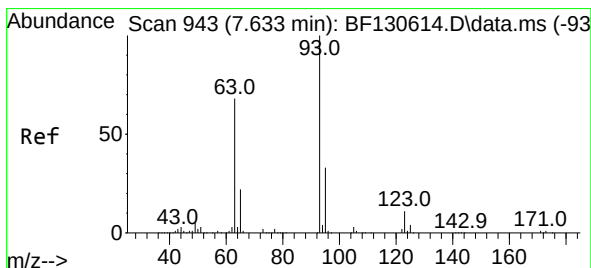
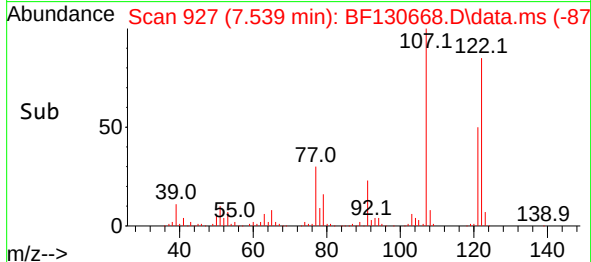
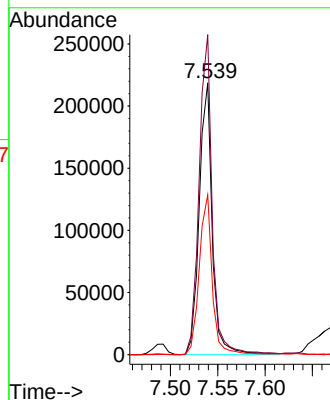
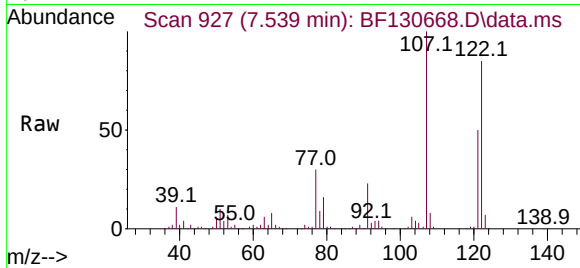
SB-04-COMPMS

Tgt Ion:	122	Resp:	208552
Ion Ratio	Lower	Upper	
122	100		
107	117.7	94.9	142.3
121	58.8	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 50.070 ng

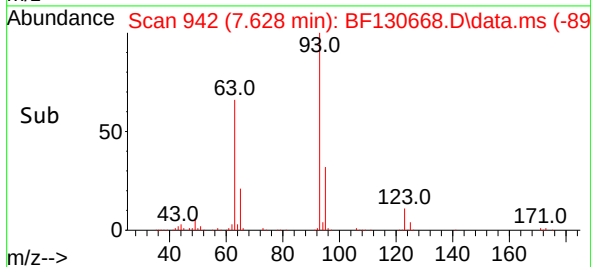
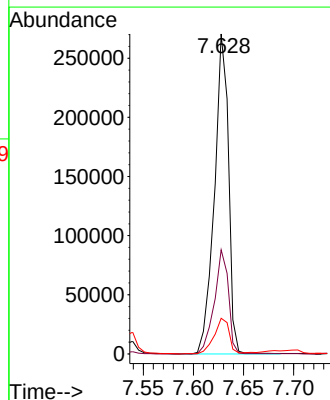
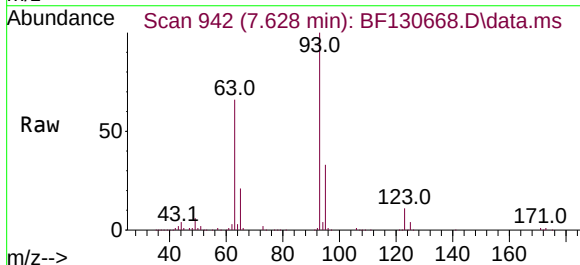
RT: 7.628 min Scan# 942

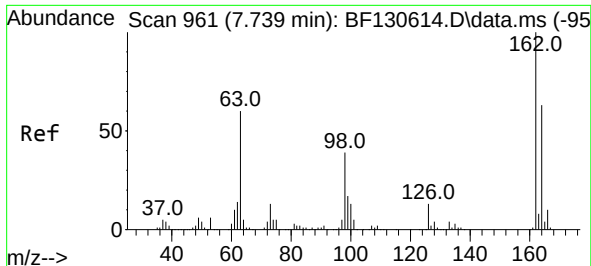
Delta R.T. -0.005 min

Lab File: BF130668.D

Acq: 14 Oct 2022 16:33

Tgt Ion:	93	Resp:	265099
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.4	39.6
123	11.1	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 47.379 ng

RT: 7.733 min Scan# 961

Delta R.T. -0.006 min

Lab File: BF130668.D

Acq: 14 Oct 2022 16:33

Instrument :

BNA_F

ClientSampleId :

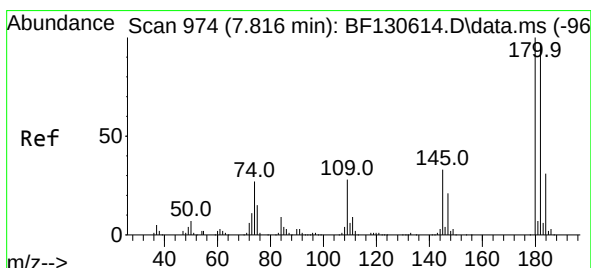
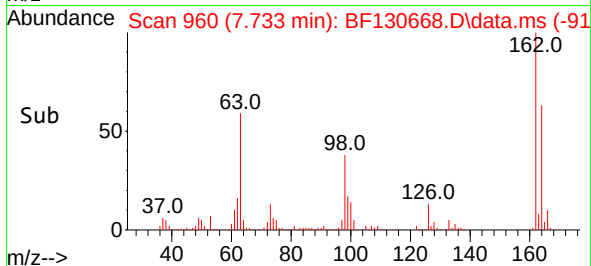
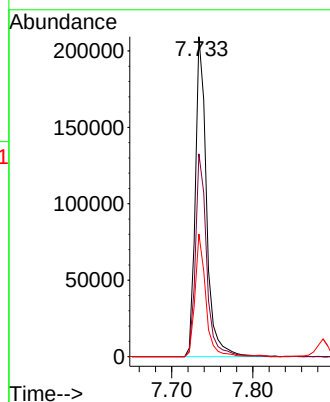
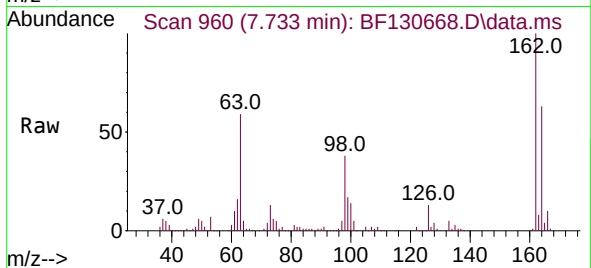
SB-04-COMPMS

Tgt Ion:162	Resp: 200179
Ion Ratio	Lower Upper
162 100	
164 63.4	42.8 82.8
98 38.3	18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.577 ng

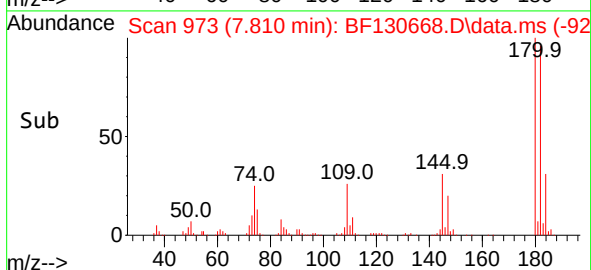
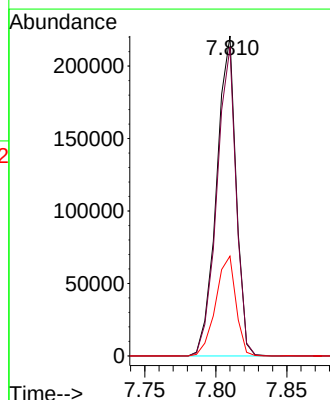
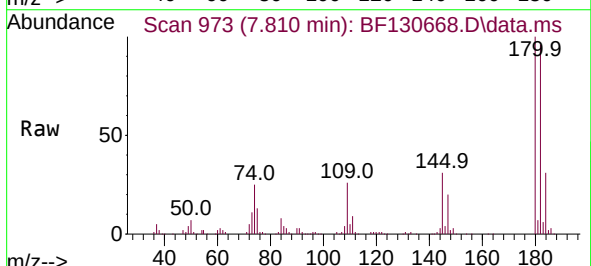
RT: 7.810 min Scan# 973

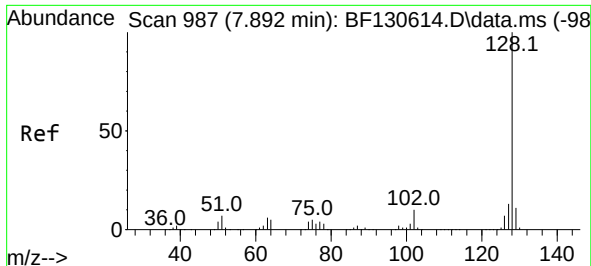
Delta R.T. -0.006 min

Lab File: BF130668.D

Acq: 14 Oct 2022 16:33

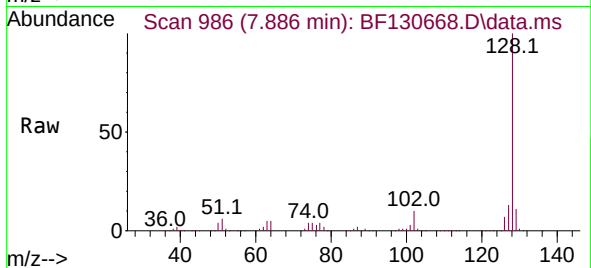
Tgt Ion:180	Resp: 212155
Ion Ratio	Lower Upper
180 100	
182 96.4	78.0 117.0
145 31.2	26.7 40.1





#31
Naphthalene
Concen: 45.004 ng
RT: 7.886 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

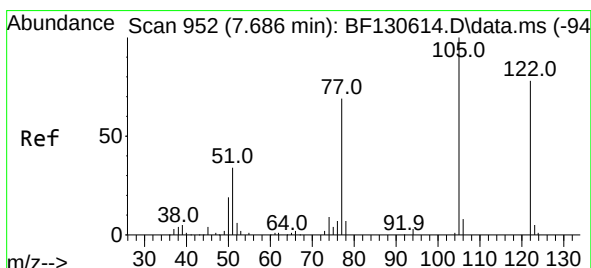
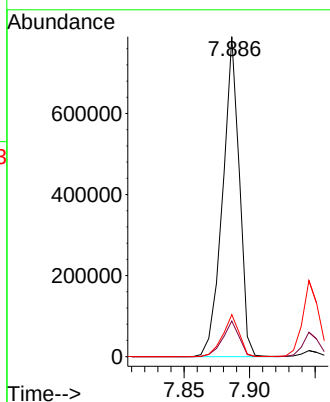
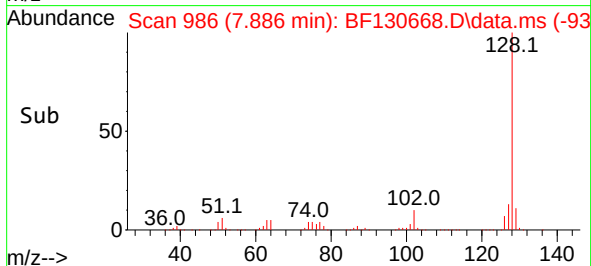
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



Tgt Ion:128 Resp: 698688
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.1 10.3 15.5

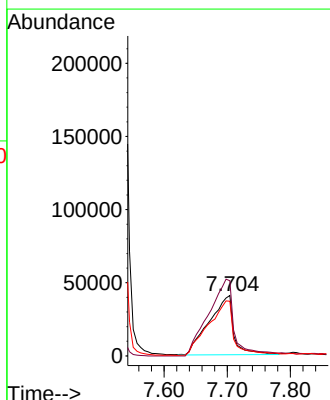
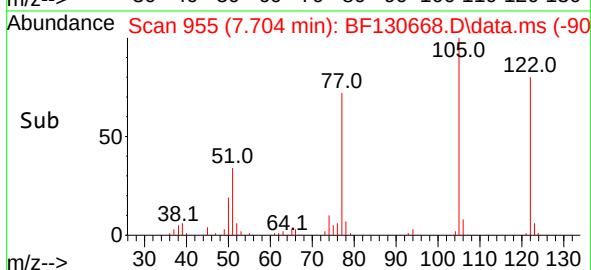
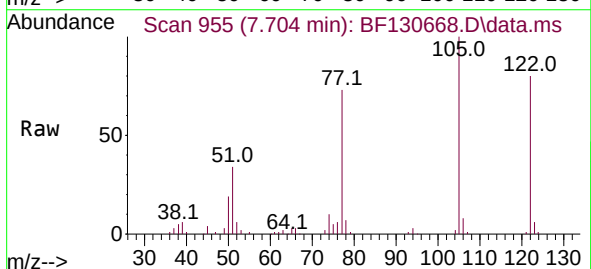
Manual Integrations
APPROVED

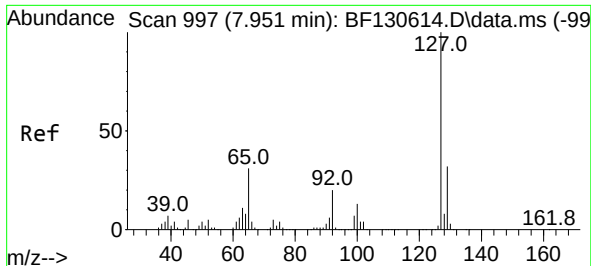
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#32
Benzoic acid
Concen: 46.307 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.018 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Tgt Ion:122 Resp: 110629
Ion Ratio Lower Upper
122 100
105 124.4 104.8 144.8
77 90.5 68.2 108.2





#33
4-Chloroaniline
Concen: 31.275 ng
RT: 7.945 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Instrument :

BNA_F

ClientSampleId :

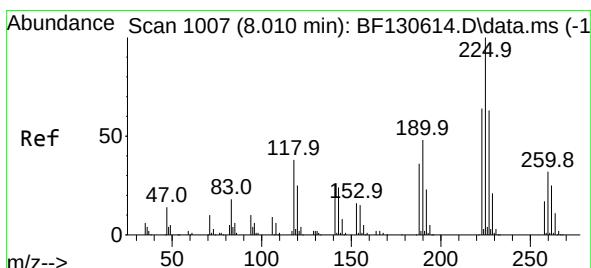
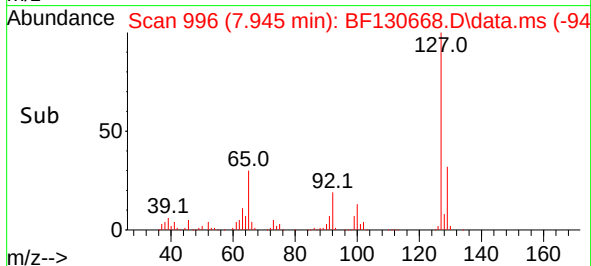
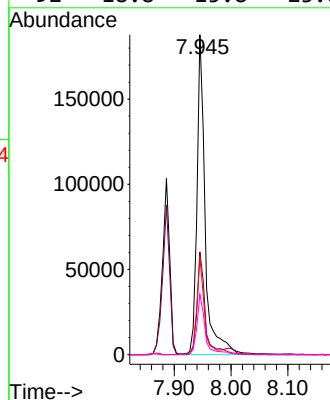
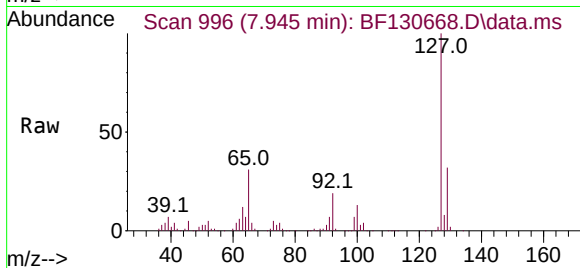
SB-04-COMPMS

Tgt Ion:127 Resp: 188089
Ion Ratio Lower Upper
127 100
129 32.1 25.7 38.5
65 30.6 24.7 37.1
92 18.8 15.8 23.8

Manual Integrations

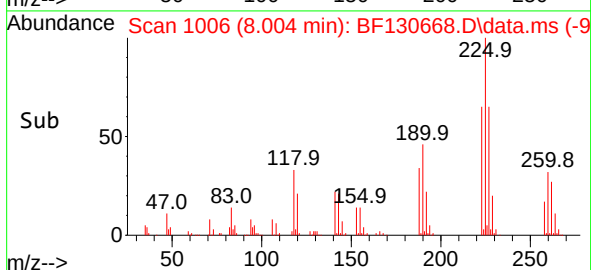
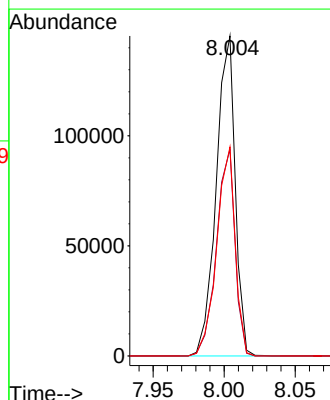
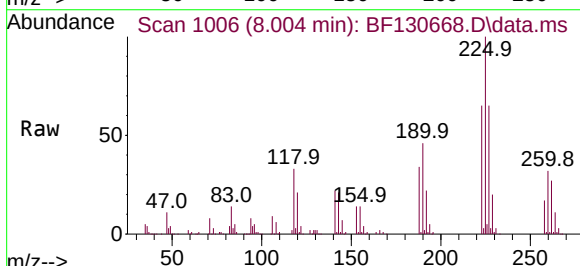
APPROVED

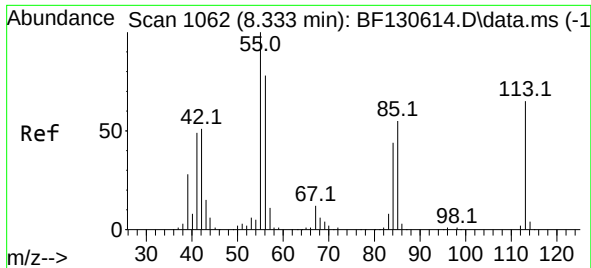
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#34
Hexachlorobutadiene
Concen: 47.955 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

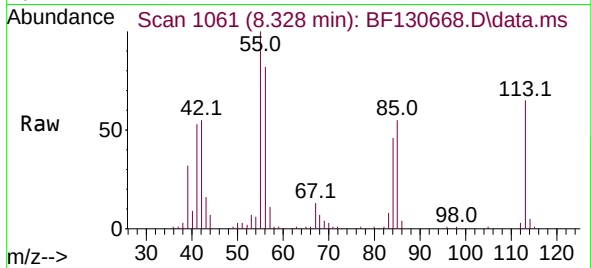
Tgt Ion:225 Resp: 135574
Ion Ratio Lower Upper
225 100
223 64.6 51.5 77.3
227 65.3 50.4 75.6





#35
Caprolactam
Concen: 48.537 ng m
RT: 8.328 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

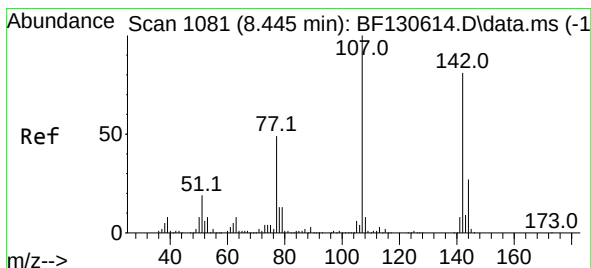
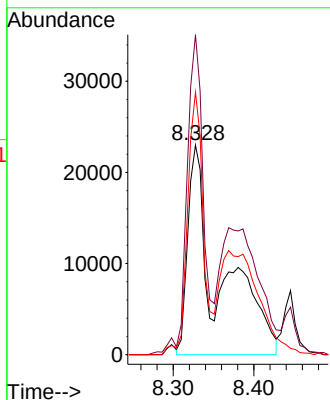
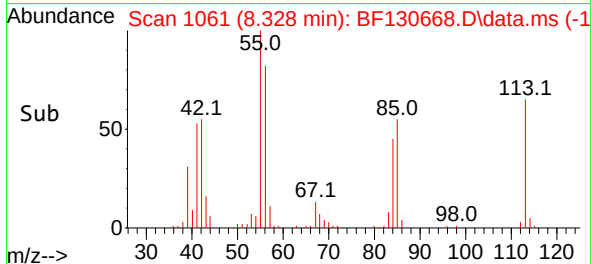
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



Tgt Ion:113 Resp: 61701
Ion Ratio Lower Upper
113 100
55 152.7 134.3 174.3
56 125.1 101.0 141.0

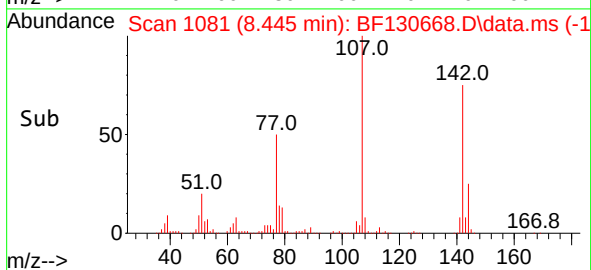
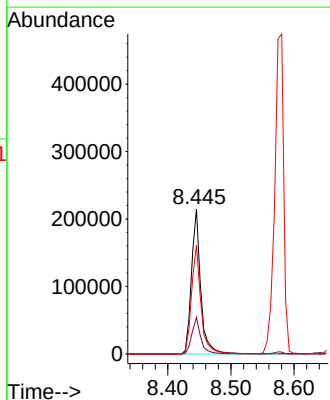
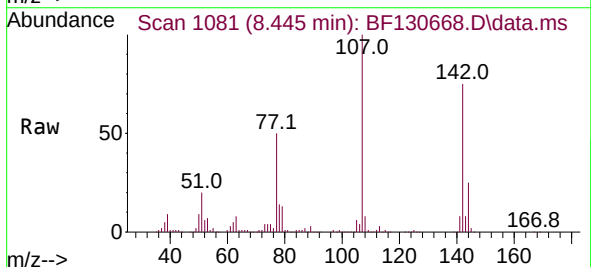
Manual Integrations
APPROVED

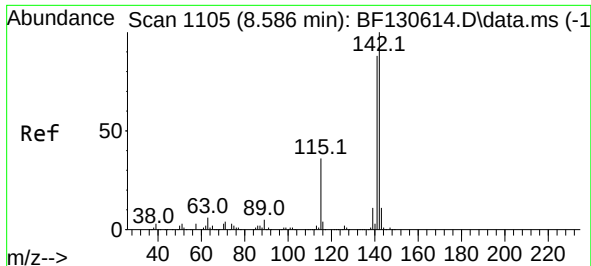
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#36
4-Chloro-3-methylphenol
Concen: 47.710 ng
RT: 8.445 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Tgt Ion:107 Resp: 218657
Ion Ratio Lower Upper
107 100
144 25.3 21.9 32.9
142 75.3 64.6 96.8





#37

2-Methylnaphthalene

Concen: 47.950 ng

RT: 8.580 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF130668.D

Acq: 14 Oct 2022 16:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

Tgt Ion:142 Resp: 468473

Ion Ratio Lower Upper

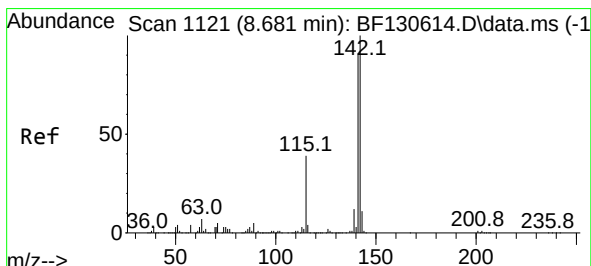
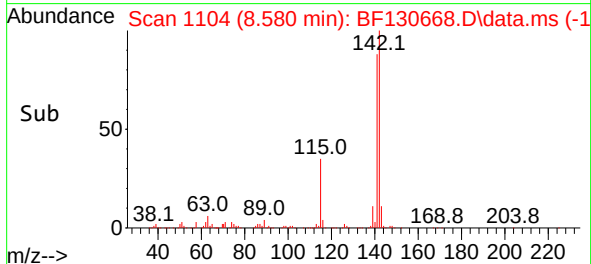
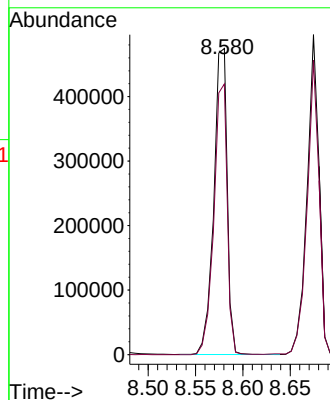
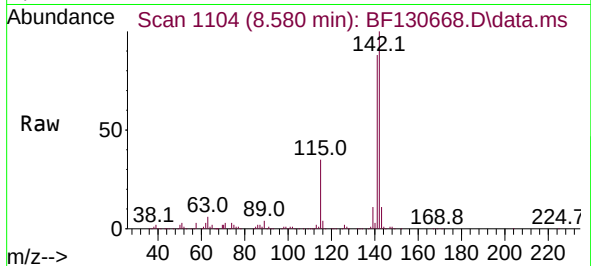
142 100

141 88.4 70.7 106.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#38

1-Methylnaphthalene

Concen: 45.915 ng

RT: 8.675 min Scan# 1120

Delta R.T. -0.006 min

Lab File: BF130668.D

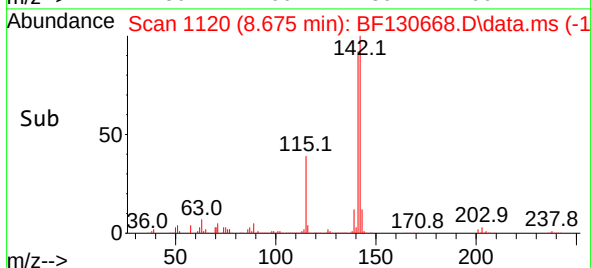
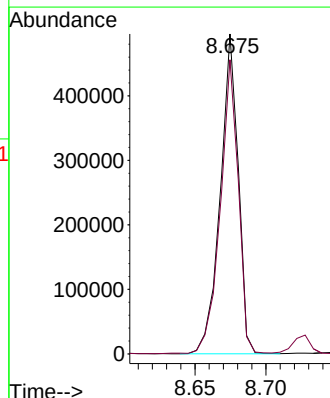
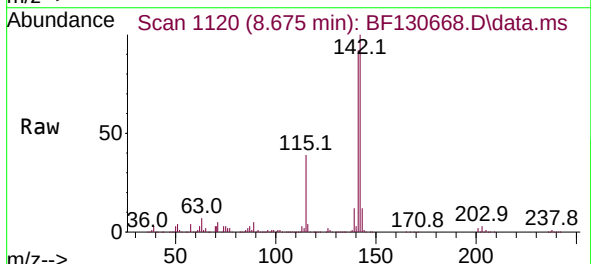
Acq: 14 Oct 2022 16:33

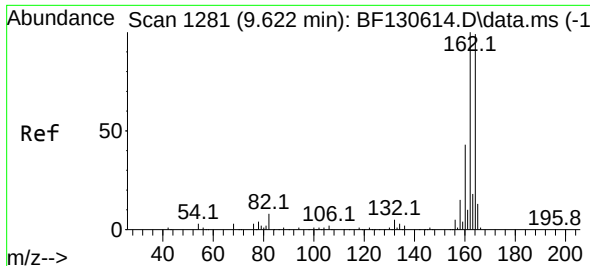
Tgt Ion:142 Resp: 435480

Ion Ratio Lower Upper

142 100

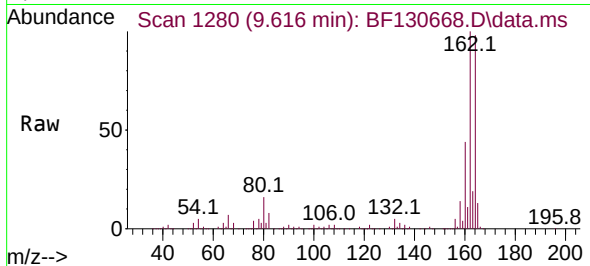
141 91.9 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

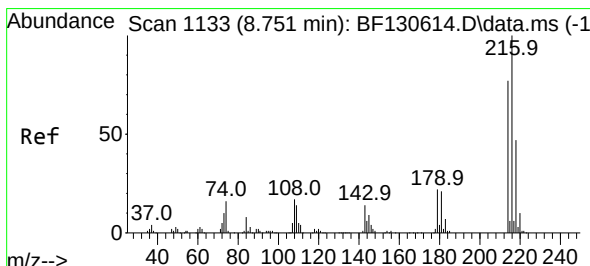
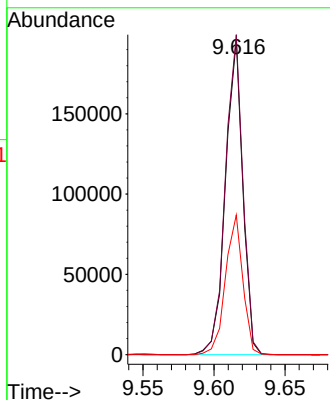
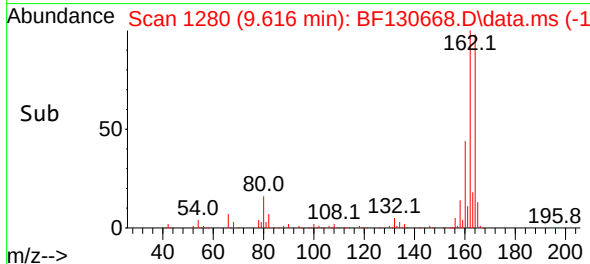
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



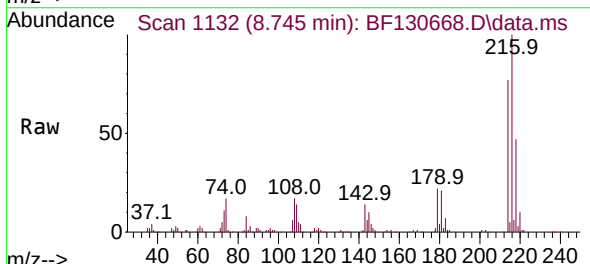
Tgt Ion:164 Resp: 165885
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 44.3 34.5 51.7

Manual Integrations
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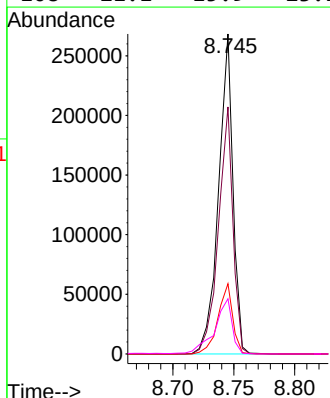
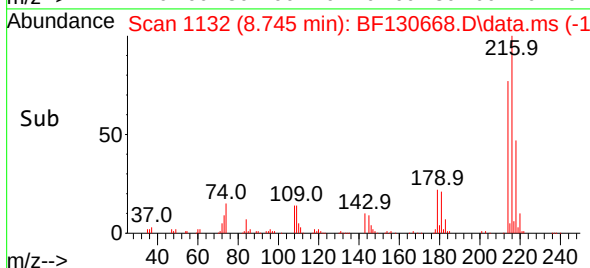
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

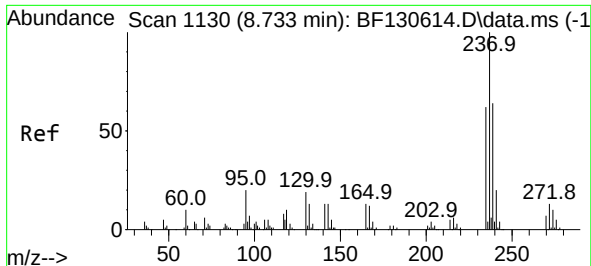


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.091 ng
RT: 8.745 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33



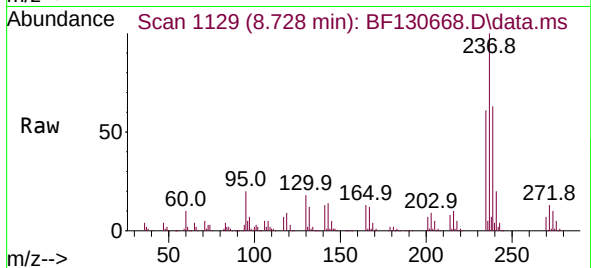
Tgt Ion:216 Resp: 220944
Ion Ratio Lower Upper
216 100
214 78.0 62.1 93.1
179 22.3 18.6 27.8
108 21.1 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 102.643 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.005 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

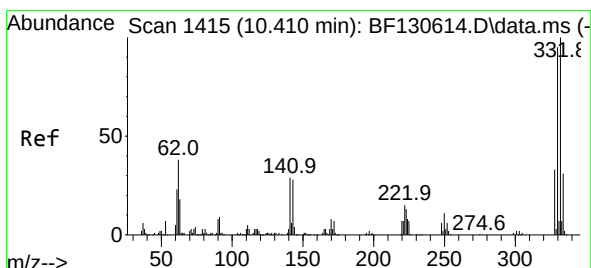
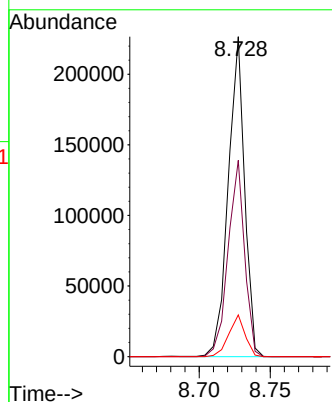
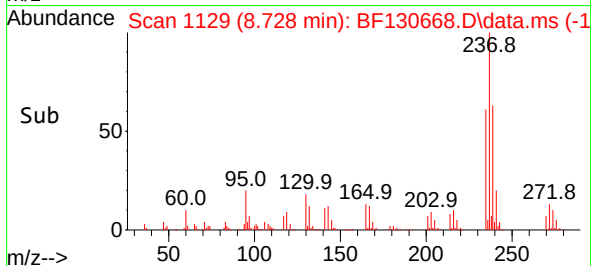
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



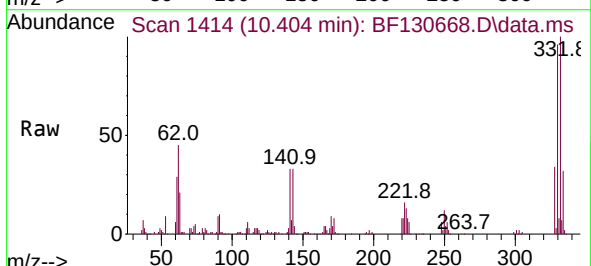
Tgt Ion:237 Resp: 182102
Ion Ratio Lower Upper
237 100
235 61.3 42.2 82.2
272 13.0 0.0 32.6

Manual Integrations
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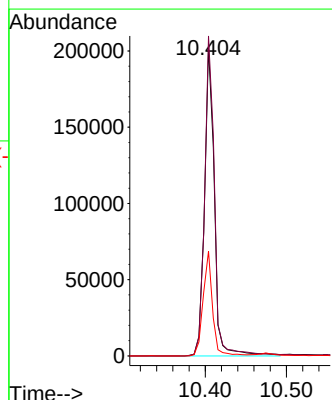
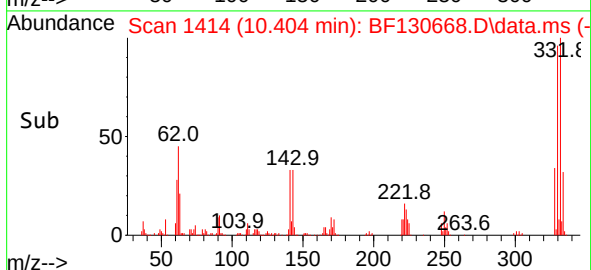
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

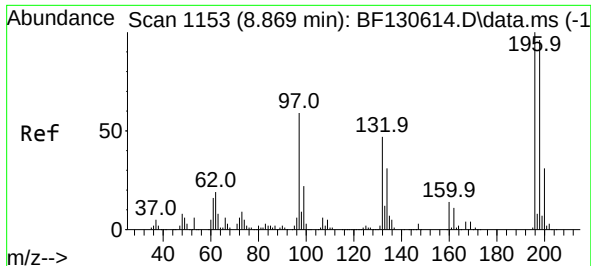


#42
2,4,6-Tribromophenol
Concen: 105.405 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33



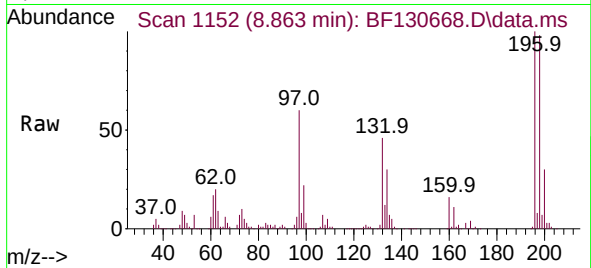
Tgt Ion:330 Resp: 171090
Ion Ratio Lower Upper
330 100
332 104.8 84.2 126.4
141 32.3 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 45.507 ng
RT: 8.863 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

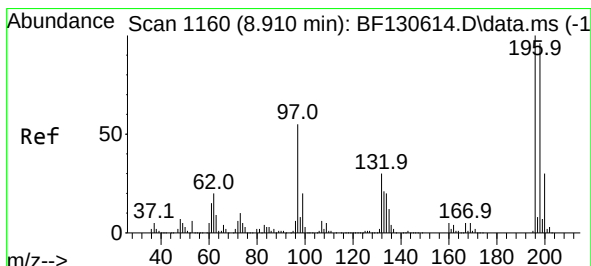
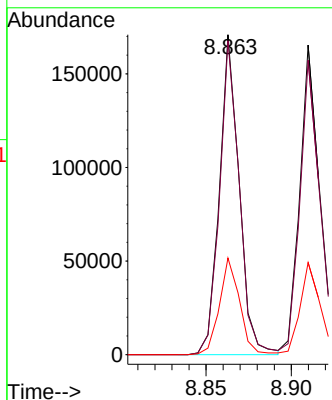
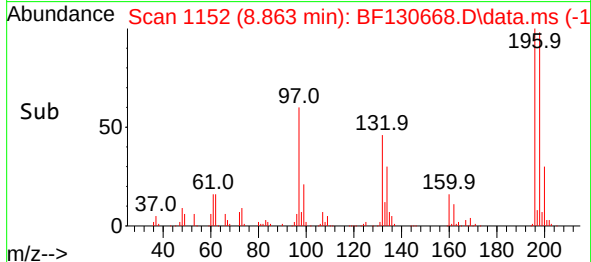
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



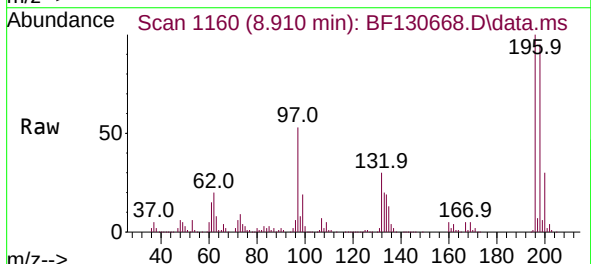
Tgt Ion:196 Resp: 137518
Ion Ratio Lower Upper
196 100
198 98.1 76.6 115.0
200 30.2 25.0 37.6

Manual Integrations
APPROVED

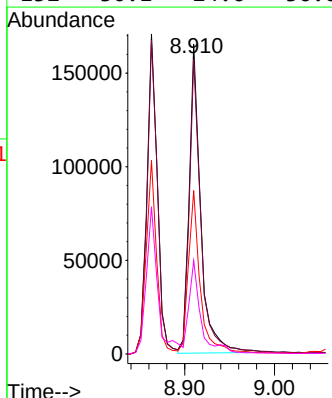
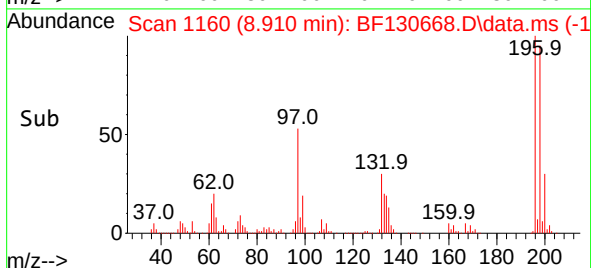
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

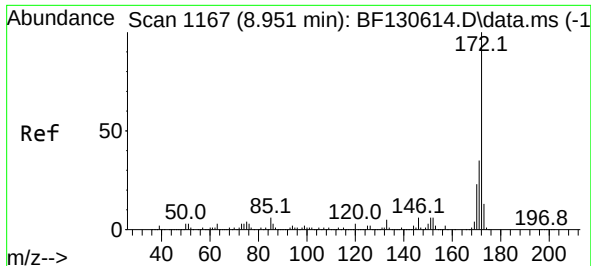


#44
2,4,5-Trichlorophenol
Concen: 44.550 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33



Tgt Ion:196 Resp: 148053
Ion Ratio Lower Upper
196 100
198 95.1 76.6 114.8
97 52.8 44.3 66.5
132 30.1 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 57.049 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130668.D

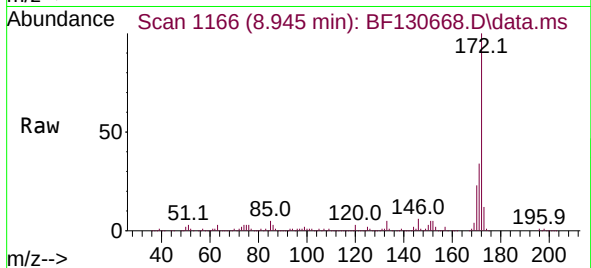
Acq: 14 Oct 2022 16:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS



Tgt Ion:172 Resp: 624766

Ion Ratio Lower Upper

172 100

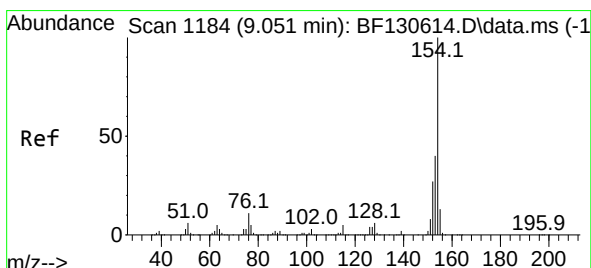
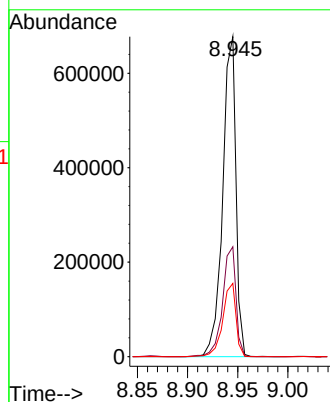
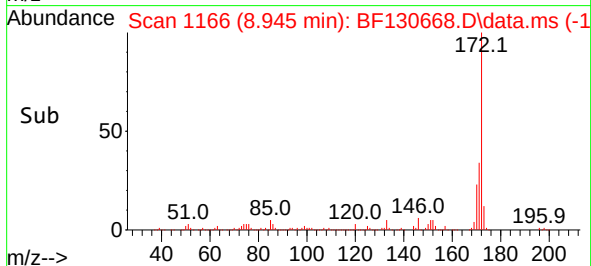
171 34.3 27.8 41.8

170 22.9 18.6 27.8

Manual Integrations

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Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#46

1,1'-Biphenyl

Concen: 47.632 ng

RT: 9.045 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF130668.D

Acq: 14 Oct 2022 16:33

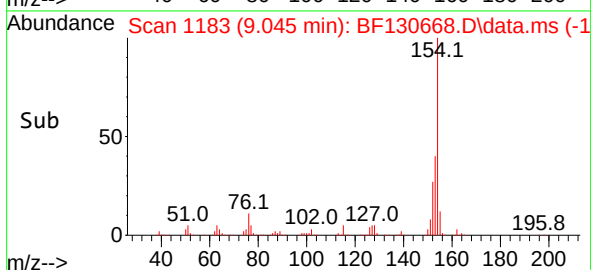
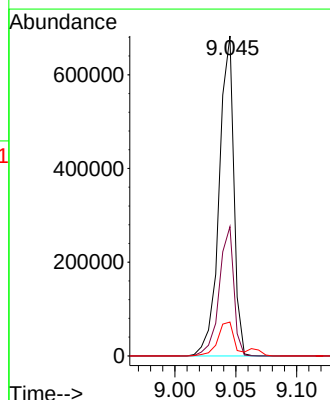
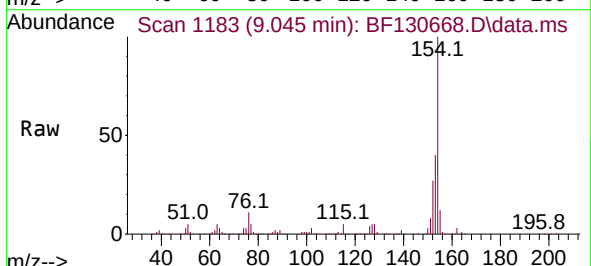
Tgt Ion:154 Resp: 572626

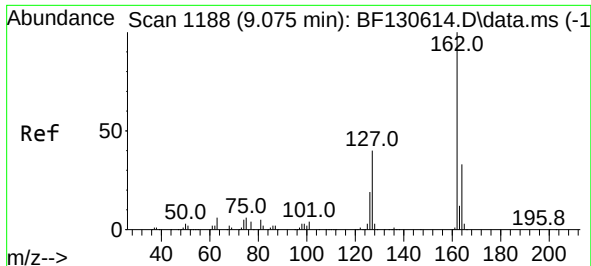
Ion Ratio Lower Upper

154 100

153 40.4 20.0 60.0

76 10.6 0.0 30.8





#47

2-Chloronaphthalene

Concen: 45.689 ng

RT: 9.063 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF130668.D

Acq: 14 Oct 2022 16:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

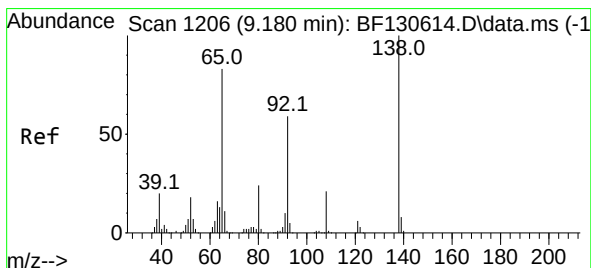
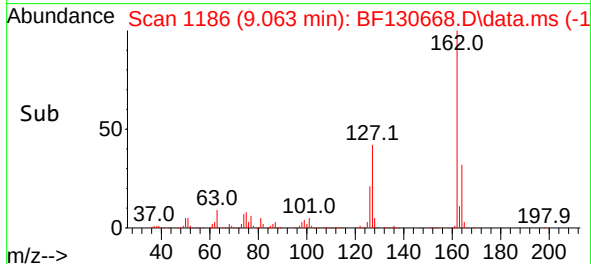
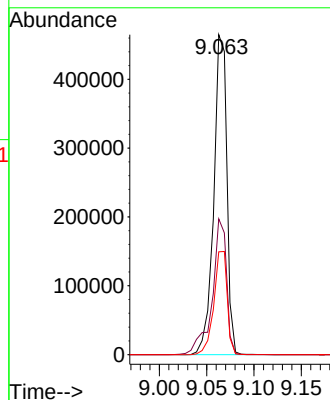
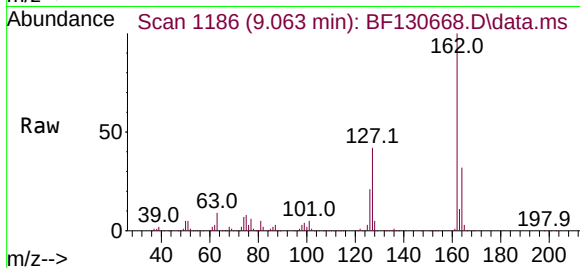
Tgt Ion: 162 Resp: 44891

Ion	Ratio	Lower	Upper
162	100		
127	42.4	32.6	49.0
164	32.1	26.3	39.5

Manual Integrations

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Reviewed By : Christian Giraldo 10/17/2022
Supervised By : mohammad ahmed 10/18/2022



#48

2-Nitroaniline

Concen: 44.183 ng

RT: 9.175 min Scan# 1205

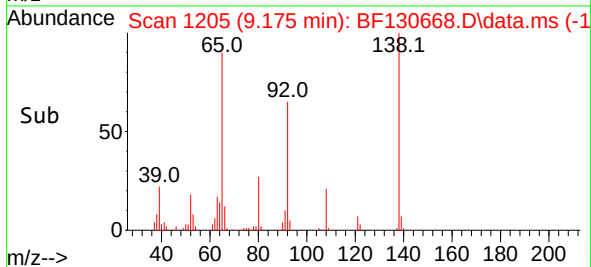
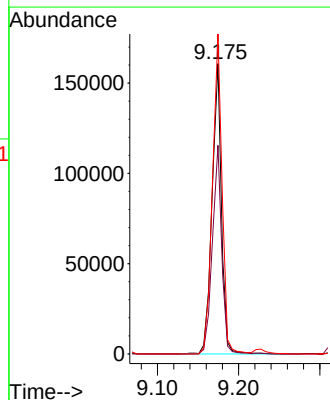
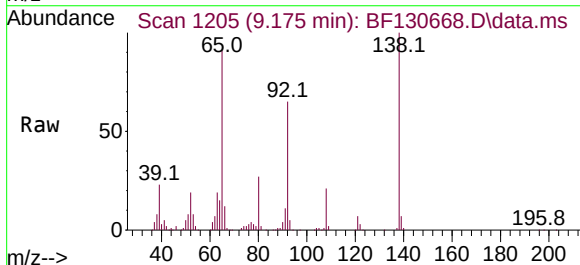
Delta R.T. -0.005 min

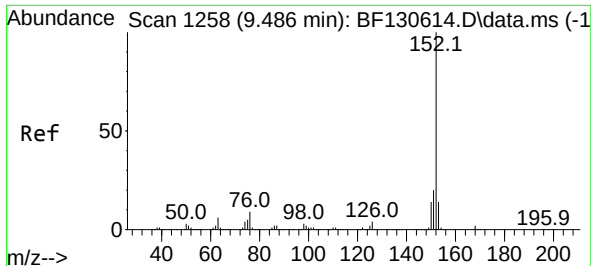
Lab File: BF130668.D

Acq: 14 Oct 2022 16:33

Tgt Ion: 65 Resp: 130680

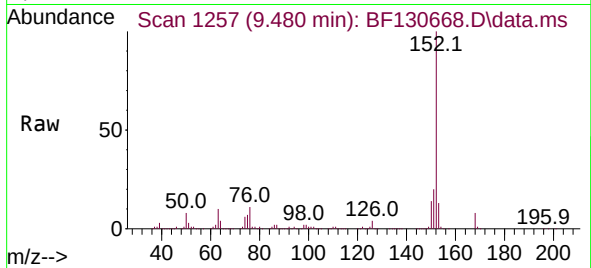
Ion	Ratio	Lower	Upper
65	100		
92	71.9	57.4	86.0
138	110.2	96.7	145.1





#49
Acenaphthylene
Concen: 45.709 ng
RT: 9.480 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

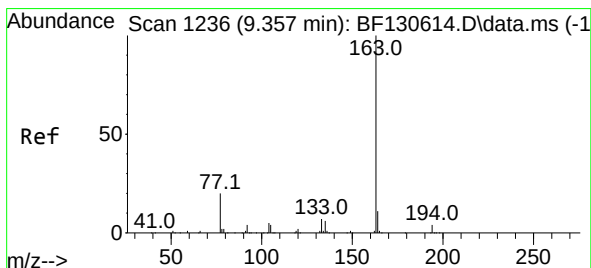
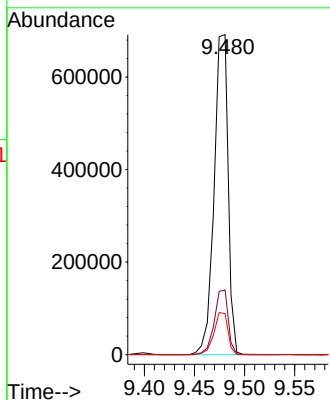
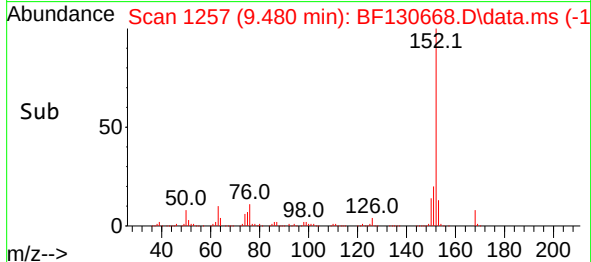
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



Tgt Ion:152 Resp: 672926
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 12.9 10.8 16.2

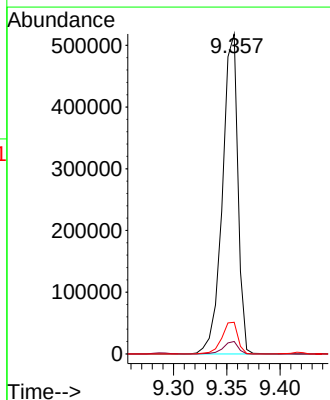
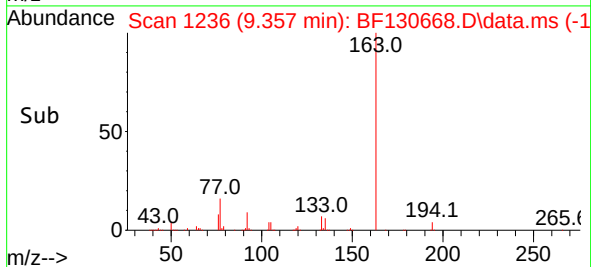
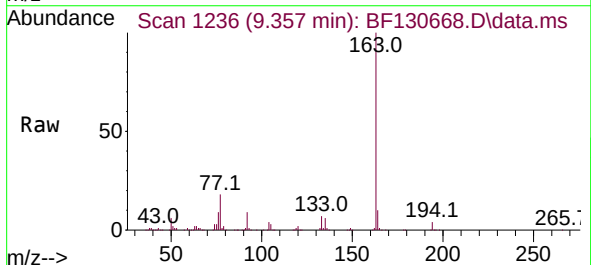
Manual Integrations
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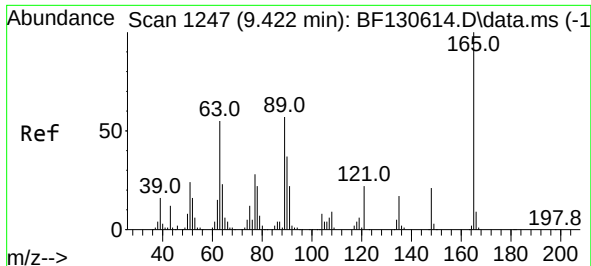
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#50
Dimethylphthalate
Concen: 45.781 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Tgt Ion:163 Resp: 525705
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.9 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 47.148 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF130668.D

Acq: 14 Oct 2022 16:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

Tgt Ion:165 Resp: 11876

Ion Ratio Lower Upper

165 100

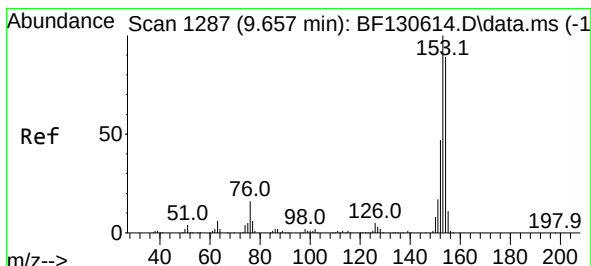
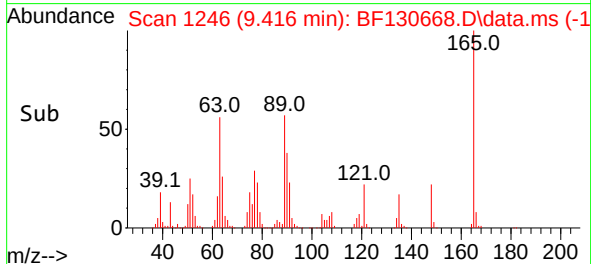
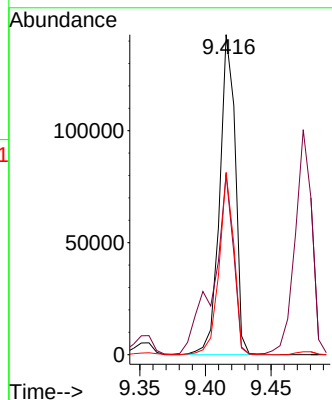
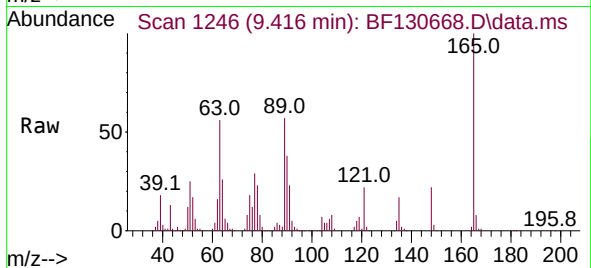
63 56.3 45.3 67.9

89 56.9 45.6 68.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#52

Acenaphthene

Concen: 45.289 ng

RT: 9.651 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BF130668.D

Acq: 14 Oct 2022 16:33

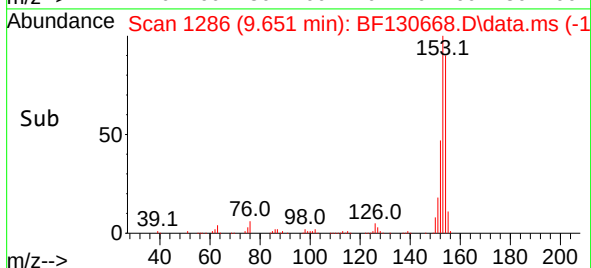
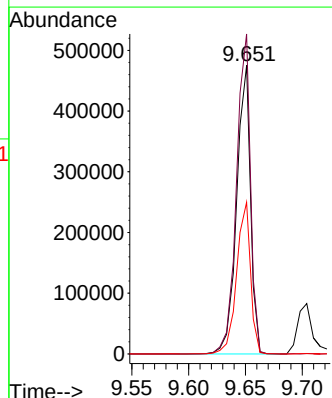
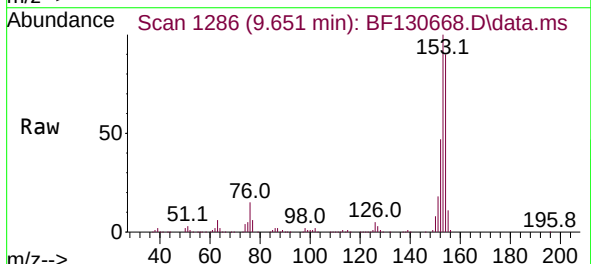
Tgt Ion:154 Resp: 403958

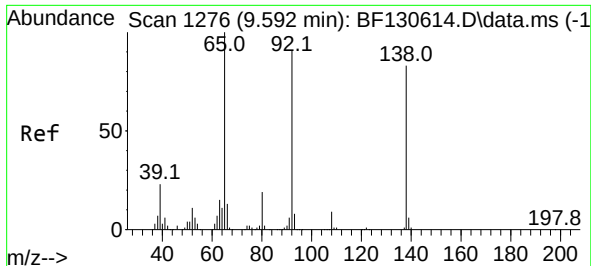
Ion Ratio Lower Upper

154 100

153 110.9 89.6 134.4

152 52.6 42.4 63.6





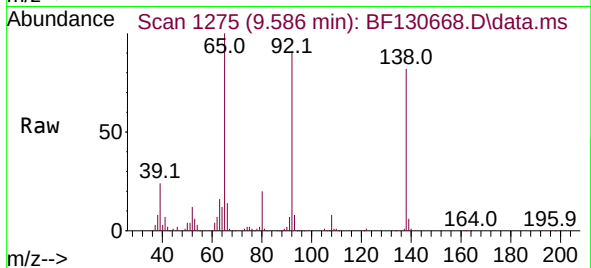
#53
3-Nitroaniline
Concen: 32.345 ng
RT: 9.586 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

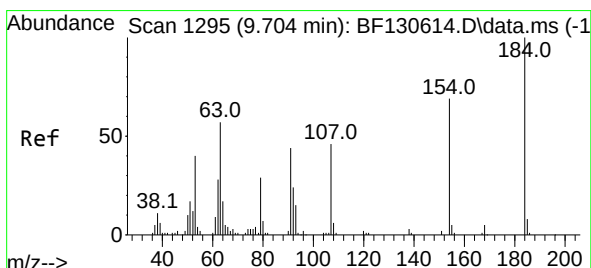
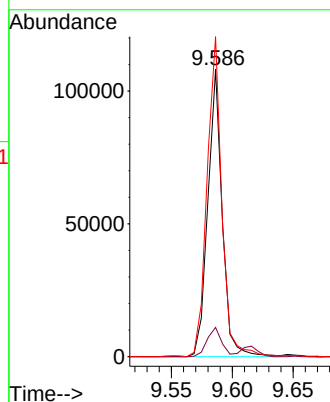
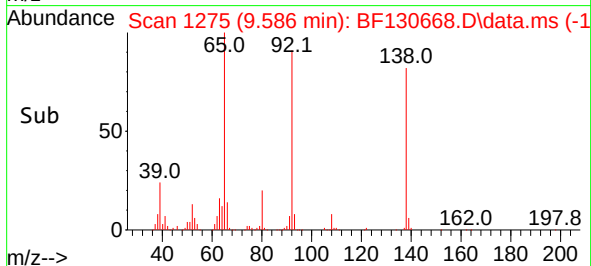


Tgt Ion:138 Resp: 89309
Ion Ratio Lower Upper
138 100
108 10.1 8.4 12.6
92 111.4 88.2 132.4

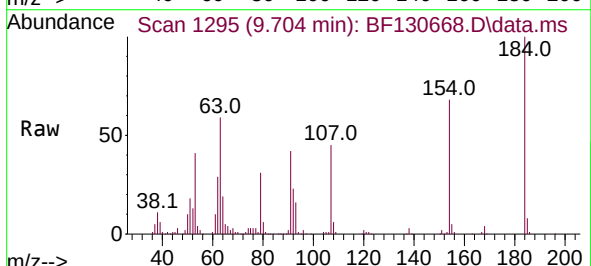
Manual Integrations

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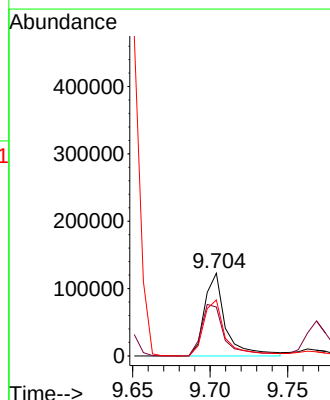
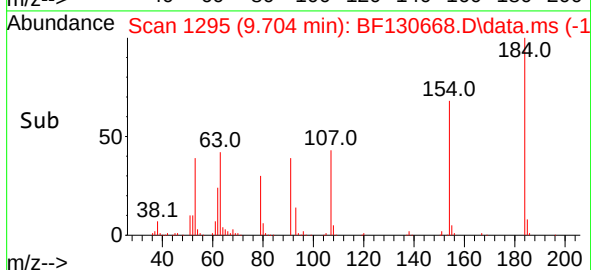
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

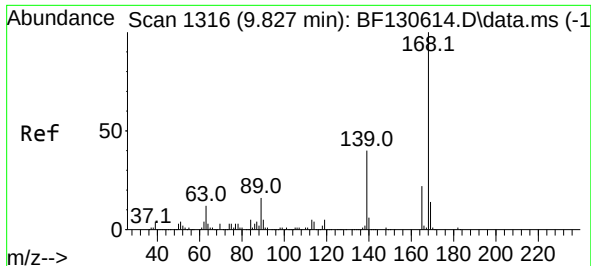


#54
2,4-Dinitrophenol
Concen: 89.876 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33



Tgt Ion:184 Resp: 116200
Ion Ratio Lower Upper
184 100
63 59.2 45.5 68.3
154 67.6 55.1 82.7





#55
Dibenzenofuran
Concen: 45.258 ng
RT: 9.822 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Instrument :

BNA_F

ClientSampleId :

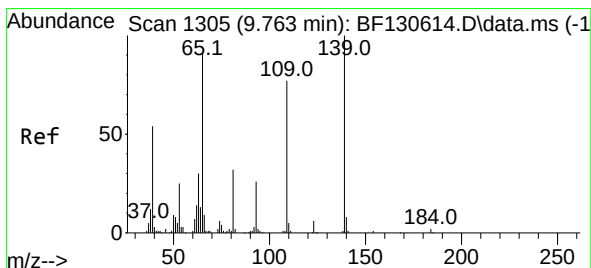
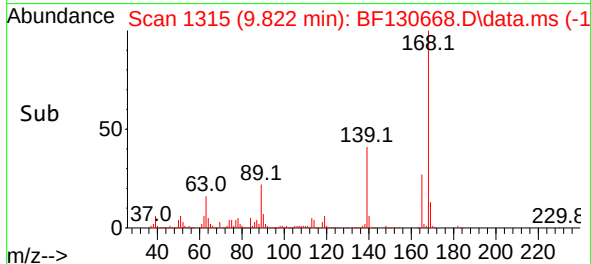
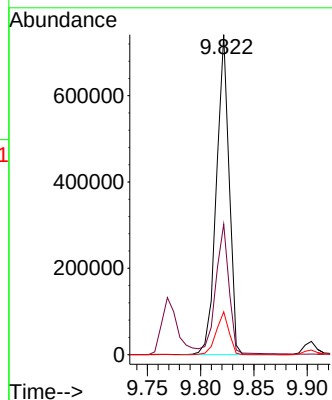
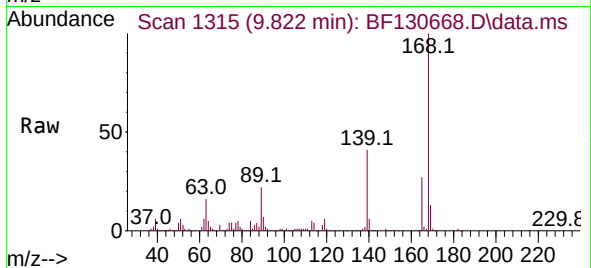
SB-04-COMPMS

Tgt Ion:168 Resp: 614959
Ion Ratio Lower Upper
168 100
139 40.8 33.0 49.4
169 13.4 10.9 16.3

Manual Integrations

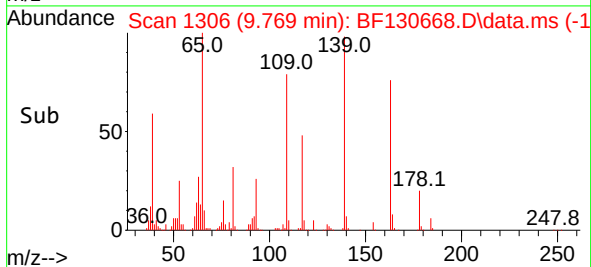
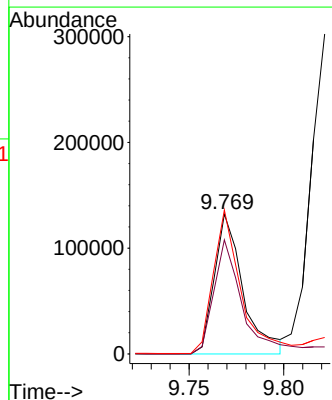
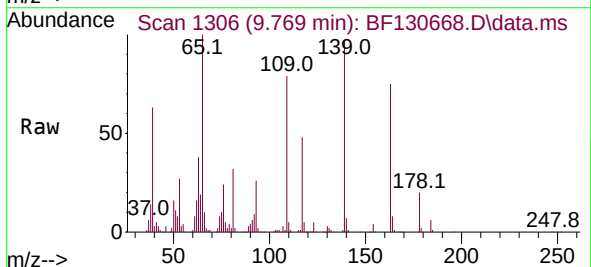
APPROVED

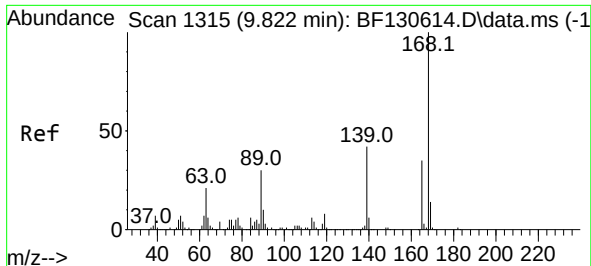
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#56
4-Nitrophenol
Concen: 91.897 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Tgt Ion:139 Resp: 139904
Ion Ratio Lower Upper
139 100
109 81.5 57.4 97.4
65 103.0 71.3 111.3





#57

2,4-Dinitrotoluene

Concen: 47.443 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BF130668.D

Acq: 14 Oct 2022 16:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

Tgt Ion:165 Resp: 15358

Ion Ratio Lower Upper

165 100

63 59.2 50.6 76.0

89 80.6 68.6 102.8

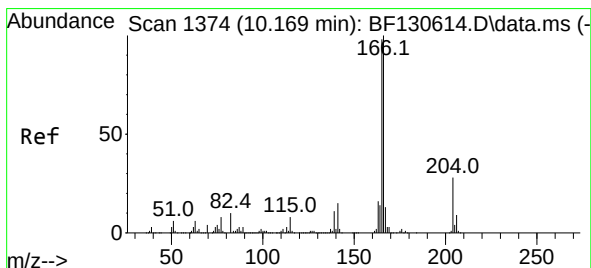
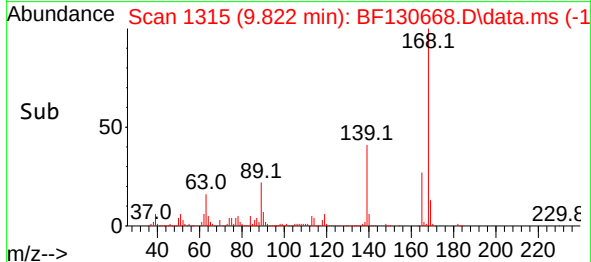
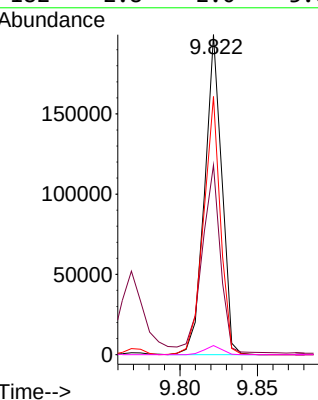
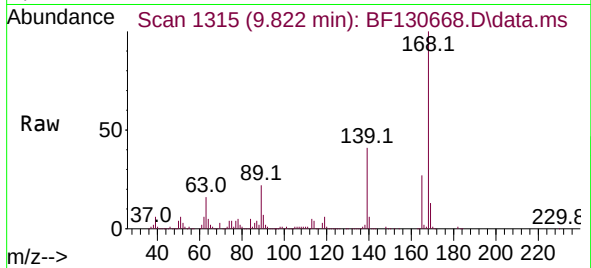
182 2.8 2.0 3.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/17/2022

Supervised By :mohammad ahmed 10/18/2022



#58

Fluorene

Concen: 45.072 ng

RT: 10.163 min Scan# 1373

Delta R.T. -0.006 min

Lab File: BF130668.D

Acq: 14 Oct 2022 16:33

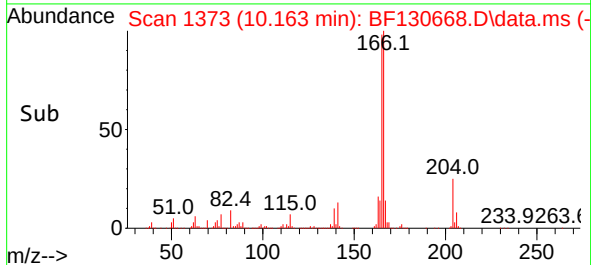
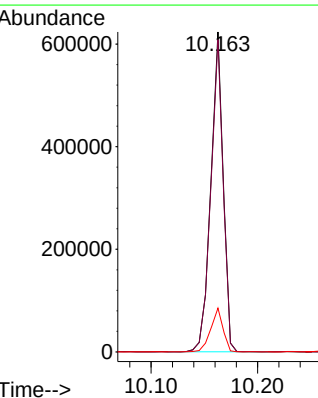
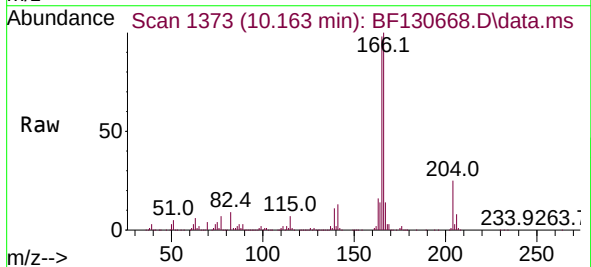
Tgt Ion:166 Resp: 503501

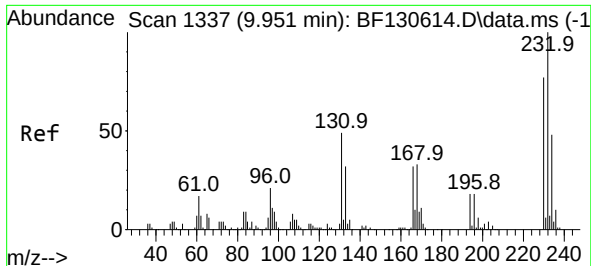
Ion Ratio Lower Upper

166 100

165 97.6 78.2 117.4

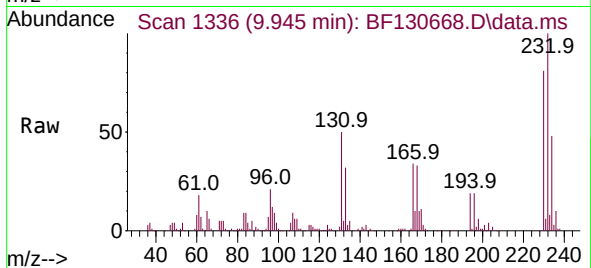
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.167 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

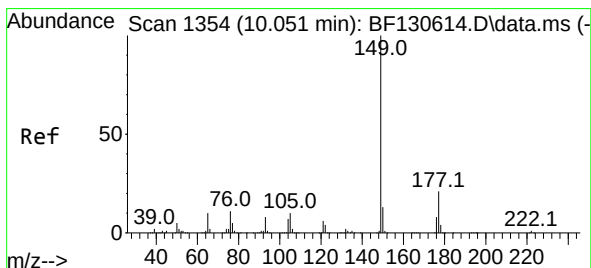
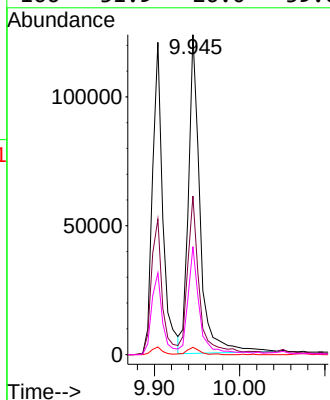
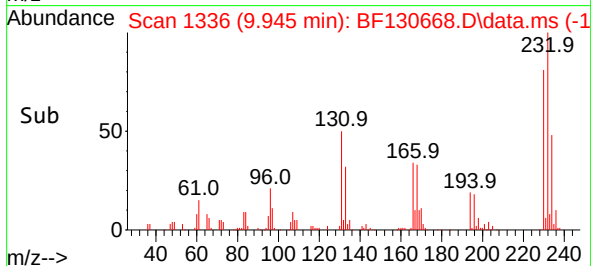
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



Tgt Ion:232 Resp: 117019
Ion Ratio Lower Upper
232 100
131 47.1 41.4 62.0
130 2.6 2.1 3.1
166 31.9 26.0 39.0

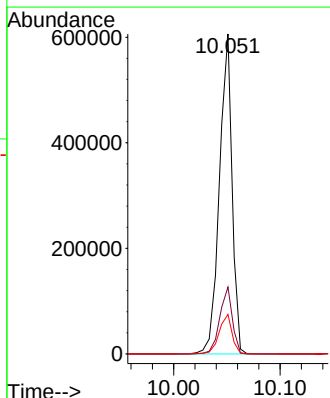
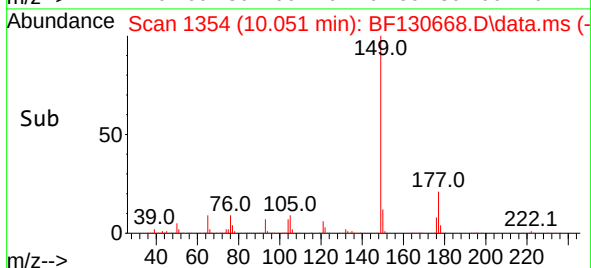
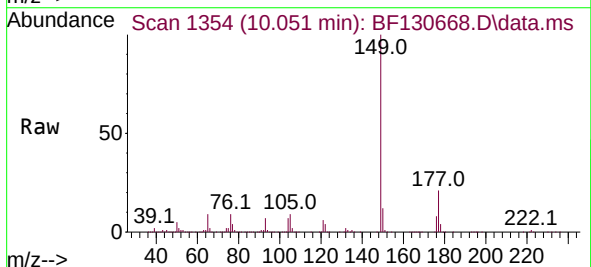
Manual Integrations
APPROVED

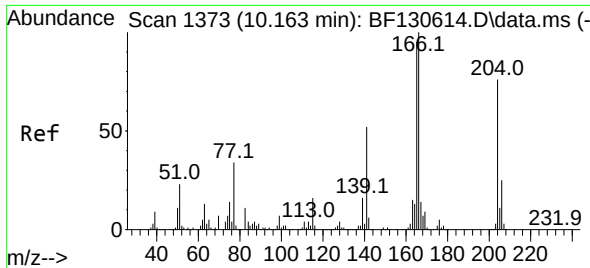
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#60
Diethylphthalate
Concen: 43.833 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Tgt Ion:149 Resp: 502200
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.3 10.5 15.7





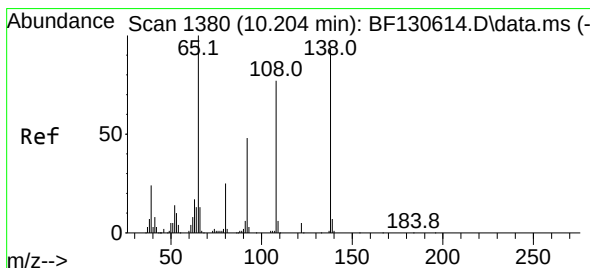
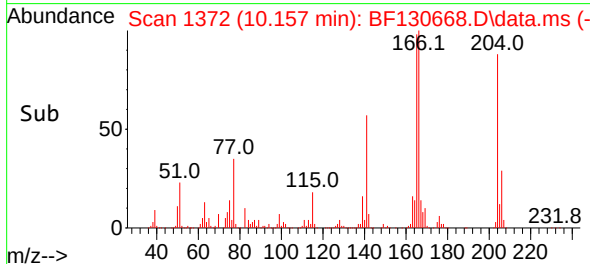
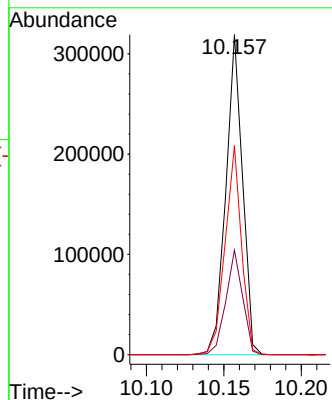
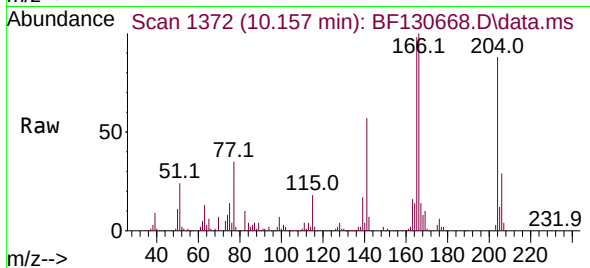
#61
4-Chlorophenyl-phenylether
Concen: 47.197 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS

Tgt Ion:204 Resp: 238366
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 65.3 54.6 81.8

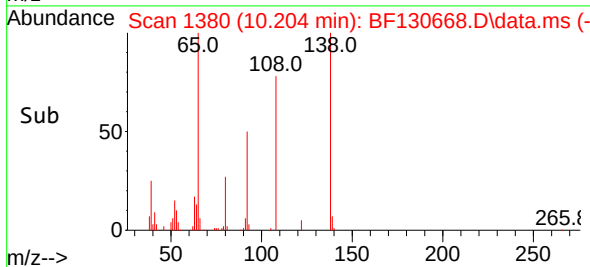
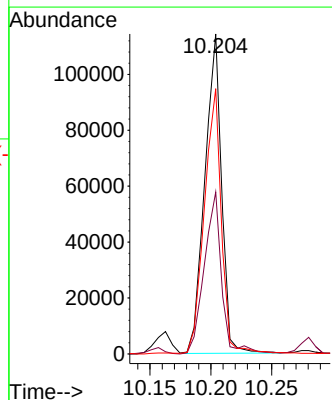
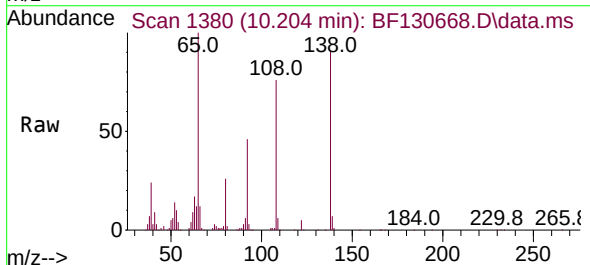
Manual Integrations
APPROVED

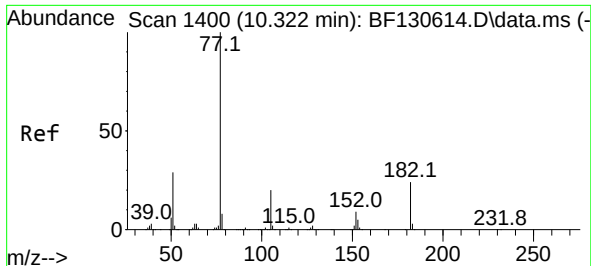
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#62
4-Nitroaniline
Concen: 41.607 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Tgt Ion:138 Resp: 109684
Ion Ratio Lower Upper
138 100
92 50.6 31.1 71.1
108 82.9 62.1 102.1





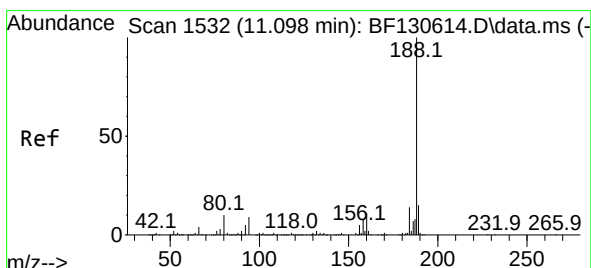
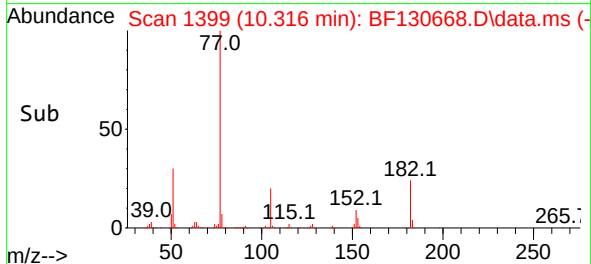
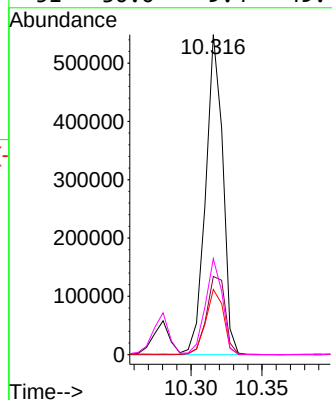
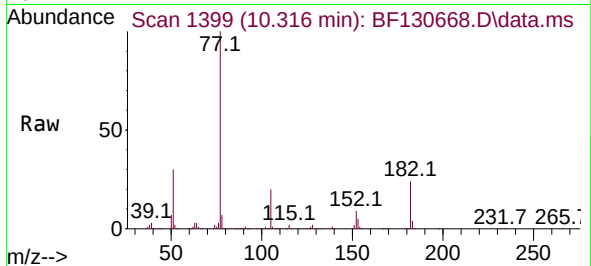
#63
Azobenzene
Concen: 42.585 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS

Tgt Ion: 77 Resp: 459537
Ion Ratio Lower Upper
77 100
182 24.4 3.8 43.8
105 20.3 0.3 40.3
51 30.0 9.4 49.4

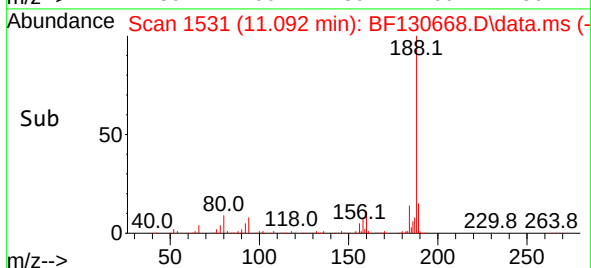
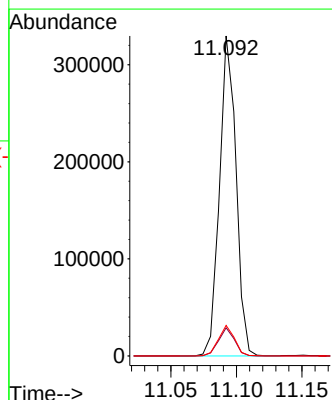
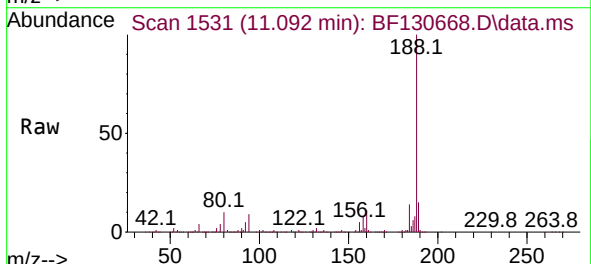
Manual Integrations
APPROVED

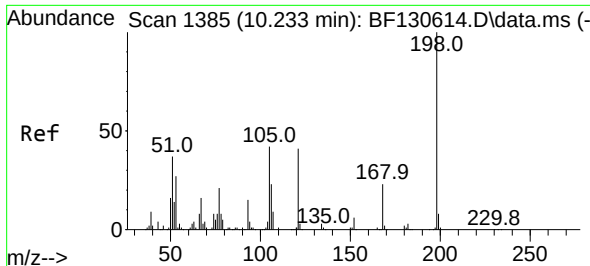
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Tgt Ion:188 Resp: 289598
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.5 8.0 12.0





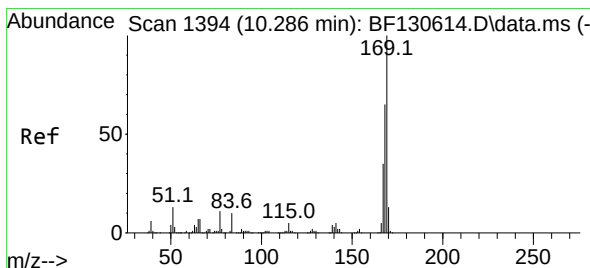
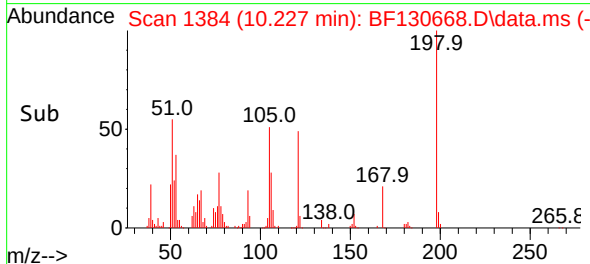
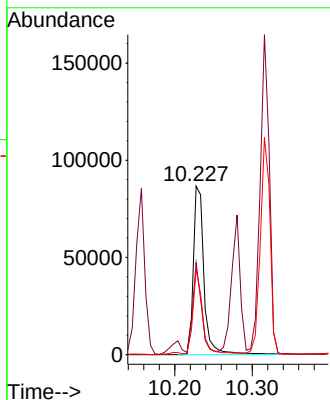
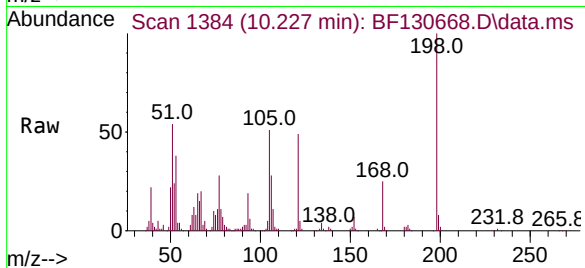
#65
4,6-Dinitro-2-methylphenol
Concen: 45.820 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS

Tgt Ion:198 Resp: 82923
Ion Ratio Lower Upper
198 100
51 54.4 18.7 58.7
105 50.9 22.0 62.0

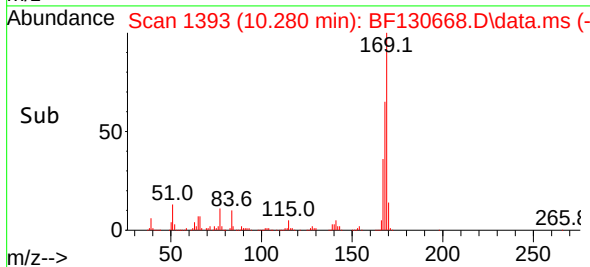
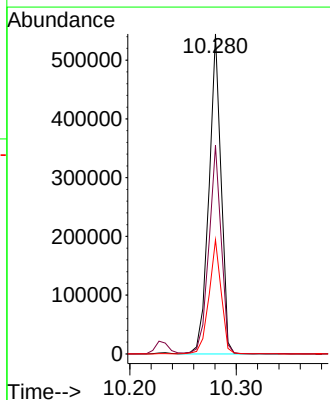
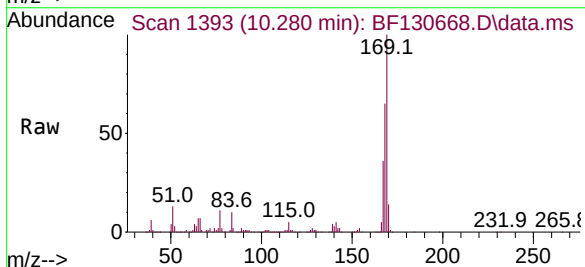
Manual Integrations
APPROVED

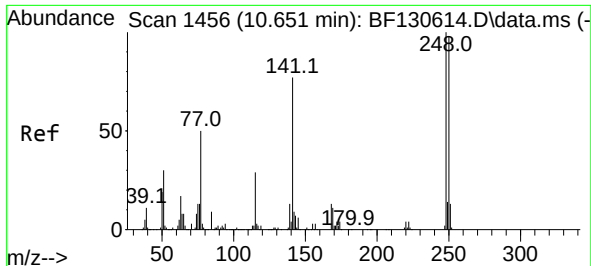
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#66
n-Nitrosodiphenylamine
Concen: 44.644 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

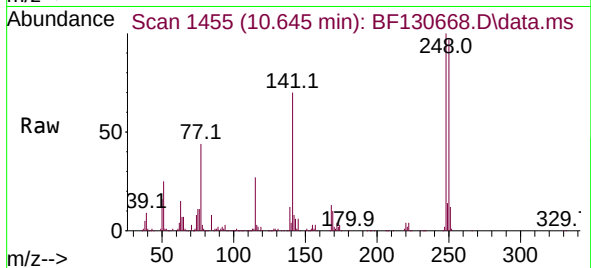
Tgt Ion:169 Resp: 430060
Ion Ratio Lower Upper
169 100
168 65.1 52.2 78.4
167 35.6 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 47.240 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

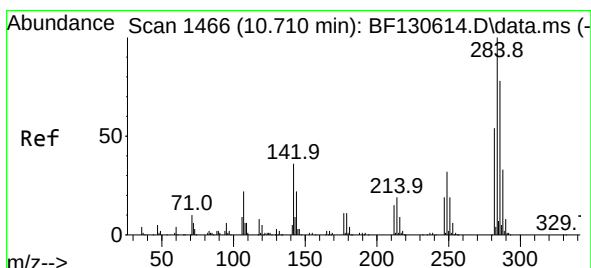
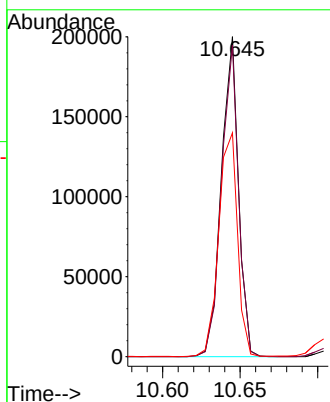
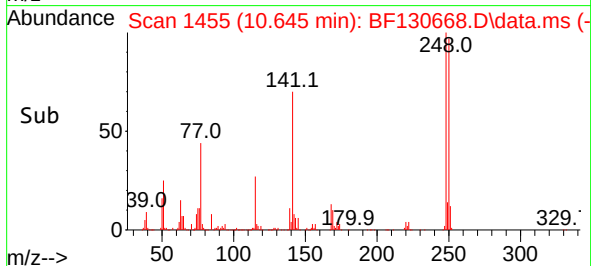
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



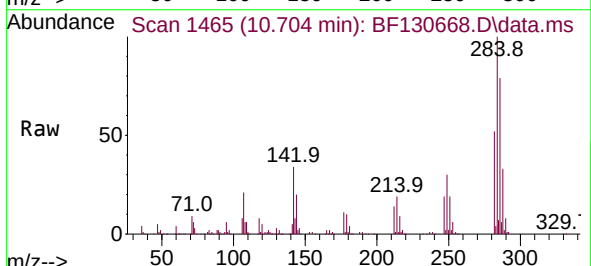
Tgt Ion:248 Resp: 154793
Ion Ratio Lower Upper
248 100
250 97.3 78.7 118.1
141 69.9 61.6 92.4

Manual Integrations
APPROVED

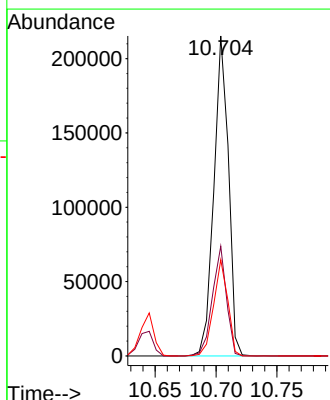
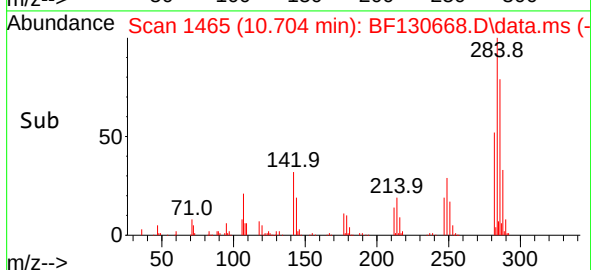
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

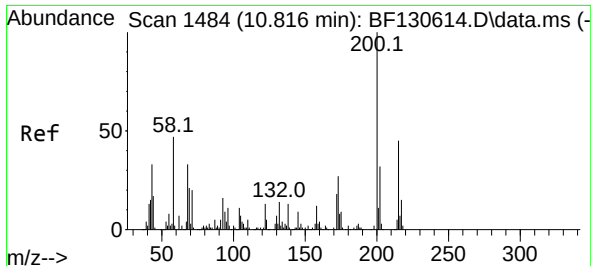


#68
Hexachlorobenzene
Concen: 48.434 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33



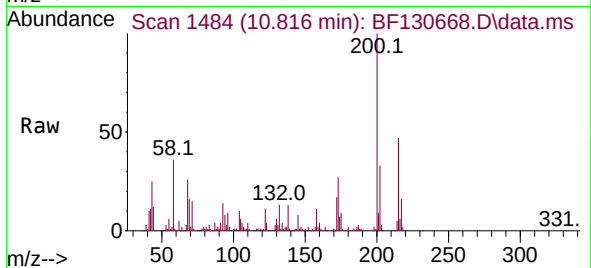
Tgt Ion:284 Resp: 179407
Ion Ratio Lower Upper
284 100
142 34.3 28.6 42.8
249 30.0 25.2 37.8





#69
 Atrazine
 Concen: 53.487 ng
 RT: 10.816 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: BF130668.D
 Acq: 14 Oct 2022 16:33

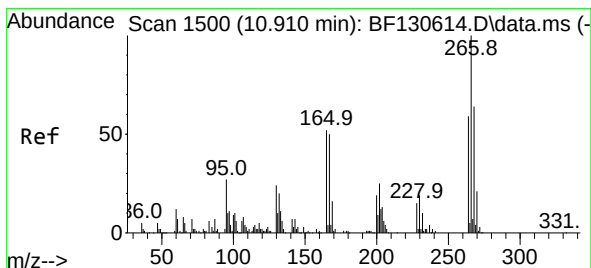
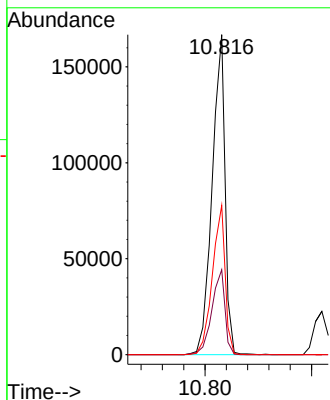
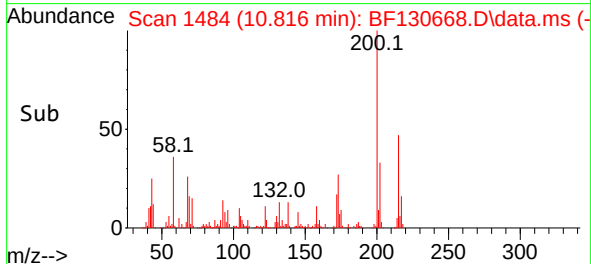
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS



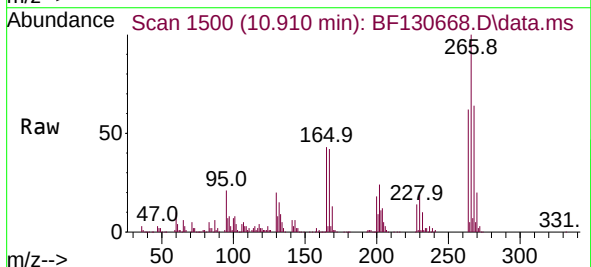
Tgt Ion:200 Resp: 140306
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.1 47.1
 215 46.6 24.9 64.9

Manual Integrations
 APPROVED

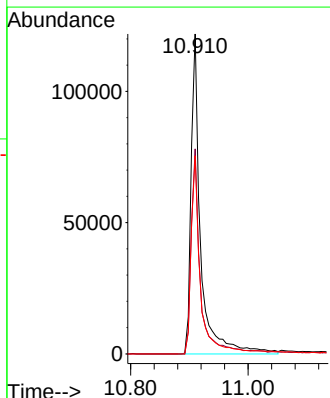
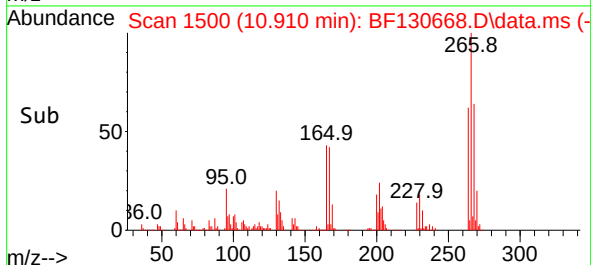
Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

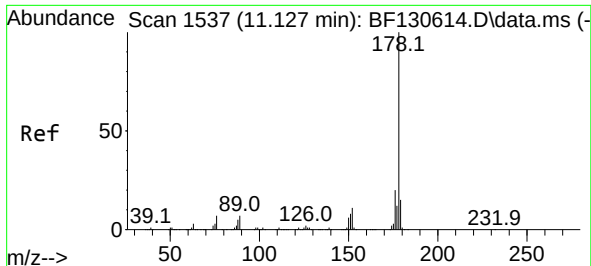


#70
 Pentachlorophenol
 Concen: 95.928 ng
 RT: 10.910 min Scan# 1500
 Delta R.T. -0.000 min
 Lab File: BF130668.D
 Acq: 14 Oct 2022 16:33



Tgt Ion:266 Resp: 138295
 Ion Ratio Lower Upper
 266 100
 268 64.1 50.8 76.2
 264 61.9 47.5 71.3





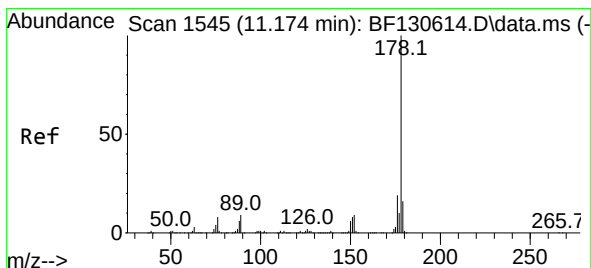
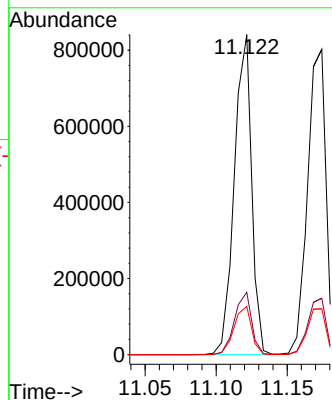
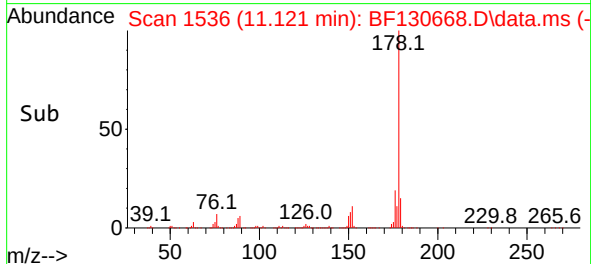
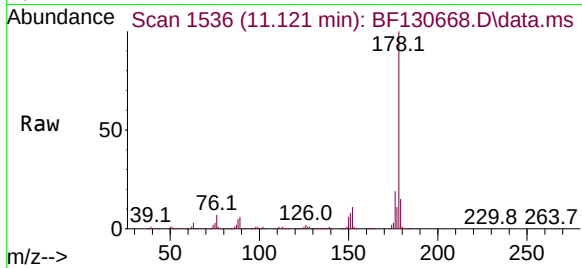
#71
Phenanthrene
Concen: 44.302 ng
RT: 11.121 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS

Tgt Ion:178 Resp: 71080
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.1 12.2 18.4

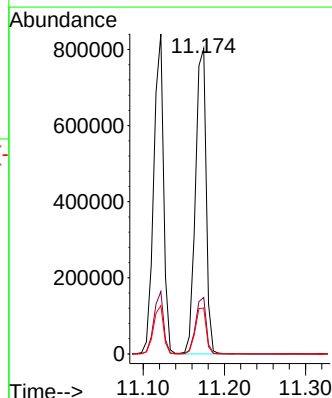
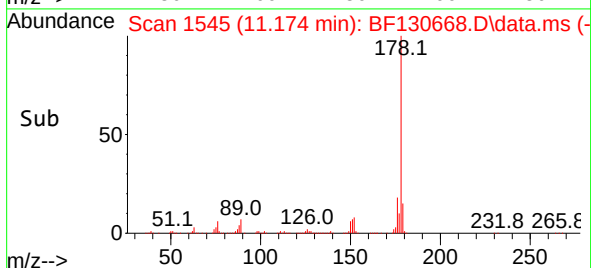
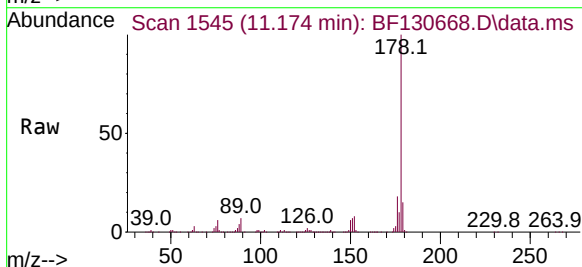
Manual Integrations
APPROVED

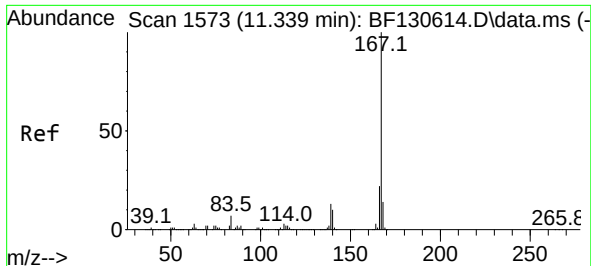
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#72
Anthracene
Concen: 46.598 ng
RT: 11.174 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

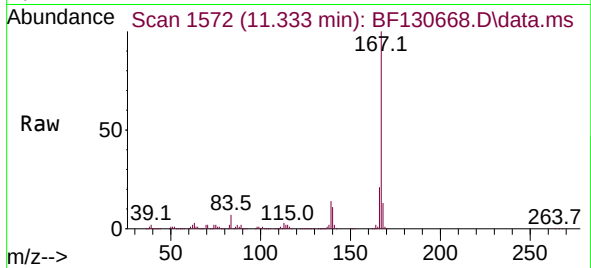
Tgt Ion:178 Resp: 730193
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.0 12.5 18.7





#73
Carbazole
Concen: 45.713 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

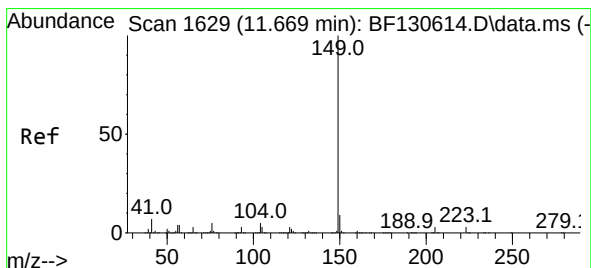
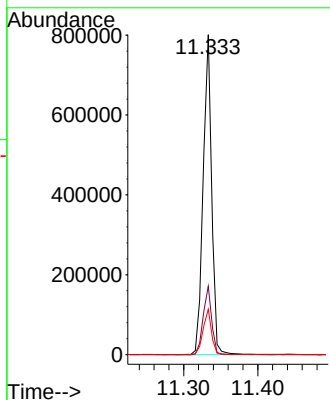
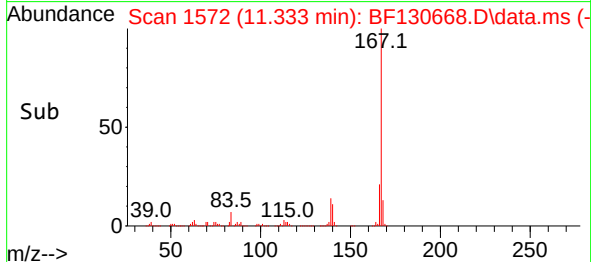
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



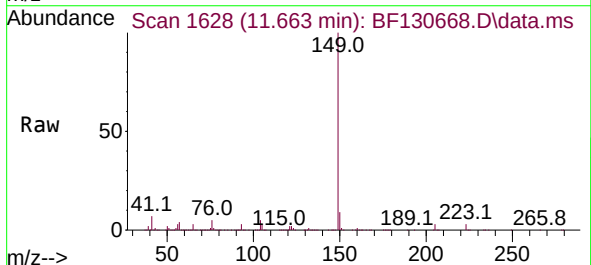
Tgt Ion:167 Resp: 639183
Ion Ratio Lower Upper
167 100
166 21.4 17.3 25.9
139 14.2 10.7 16.1

Manual Integrations
APPROVED

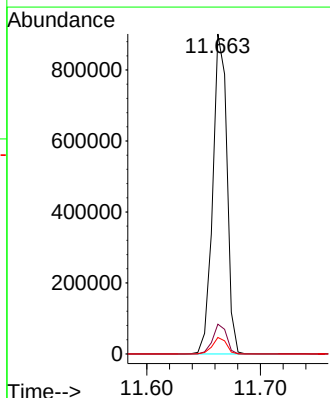
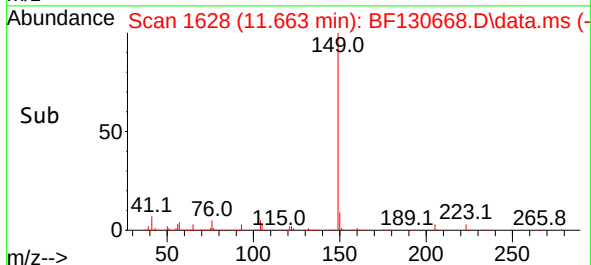
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

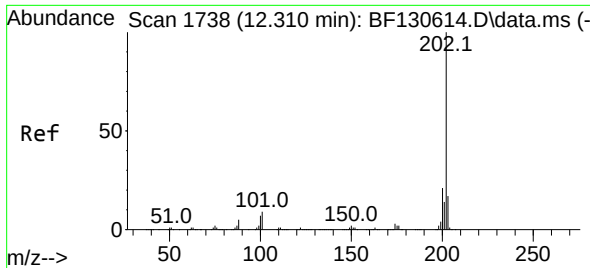


#74
Di-n-butylphthalate
Concen: 46.164 ng
RT: 11.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33



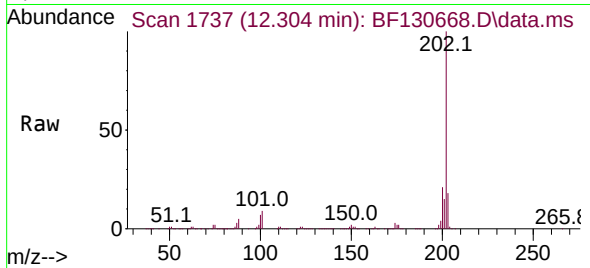
Tgt Ion:149 Resp: 781898
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 46.572 ng
RT: 12.304 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

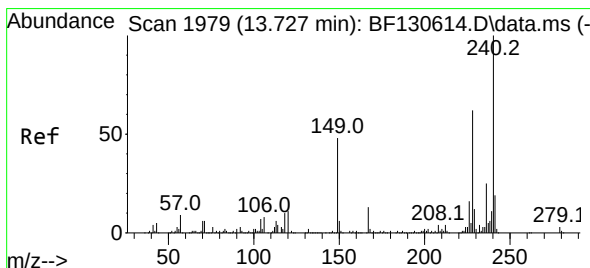
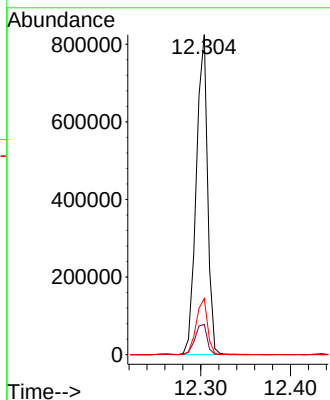
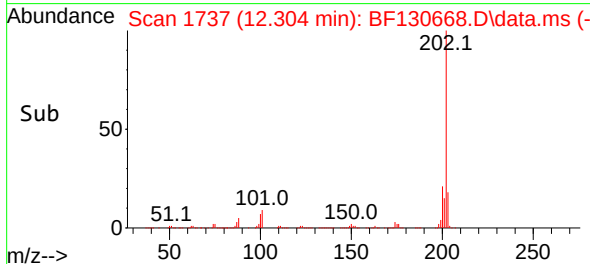
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



Tgt Ion:202 Resp: 718173
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.1
203 17.6 0.0 37.3

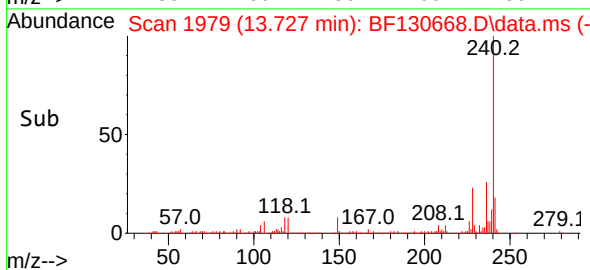
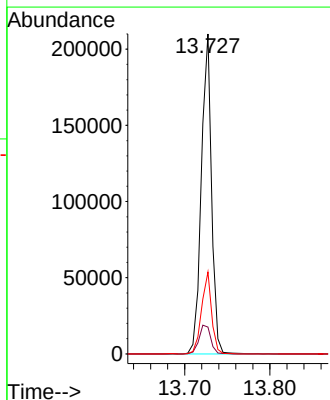
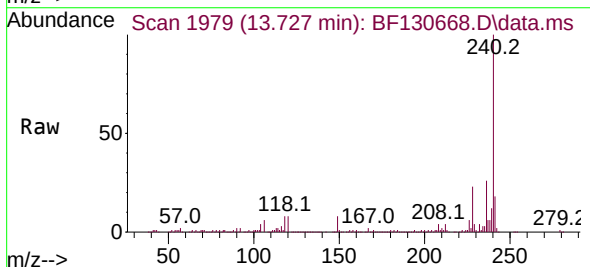
Manual Integrations
APPROVED

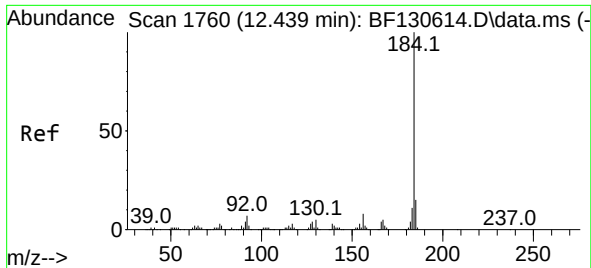
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.727 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

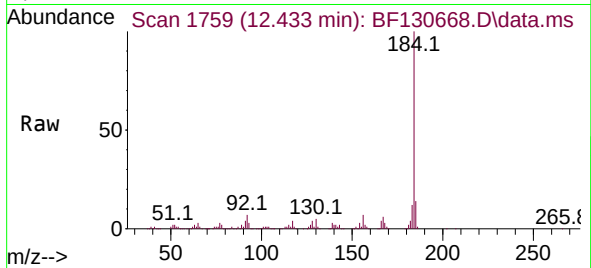
Tgt Ion:240 Resp: 174234
Ion Ratio Lower Upper
240 100
120 8.4 8.6 13.0#
236 25.6 20.2 30.4





#77
Benzidine
Concen: 49.823 ng
RT: 12.433 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

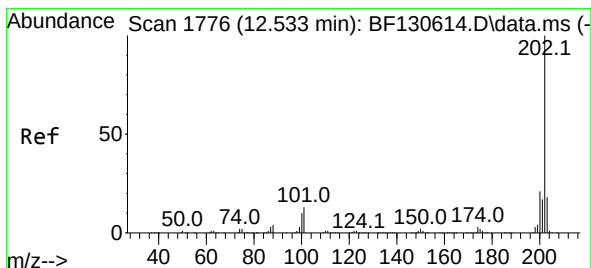
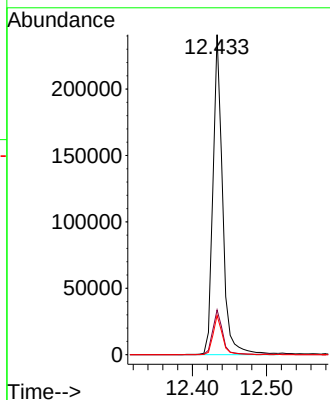
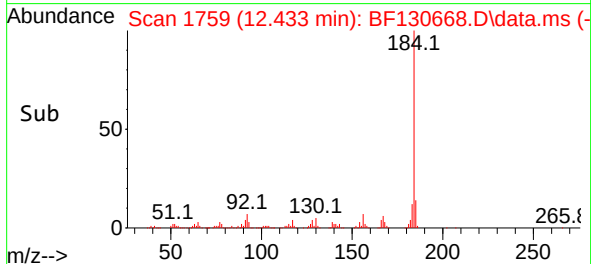
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



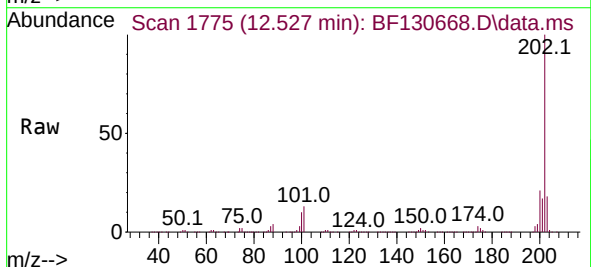
Tgt Ion:184 Resp: 219420
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 12.3 9.0 13.4

Manual Integrations
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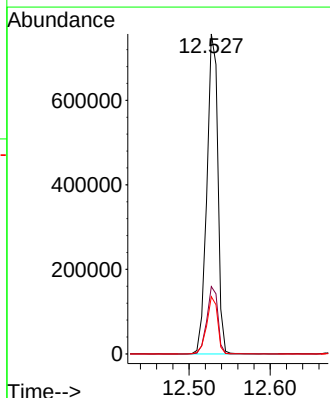
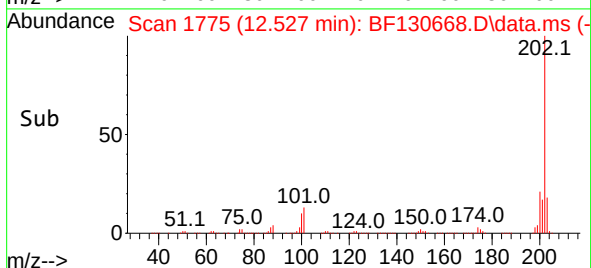
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

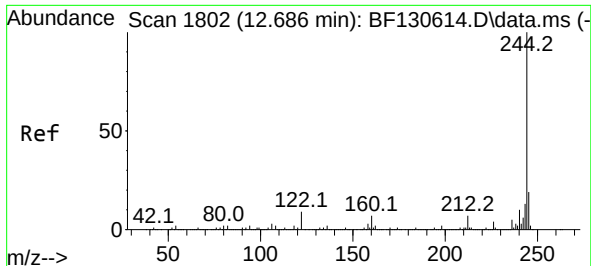


#78
Pyrene
Concen: 47.434 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33



Tgt Ion:202 Resp: 712994
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.9 14.0 21.0





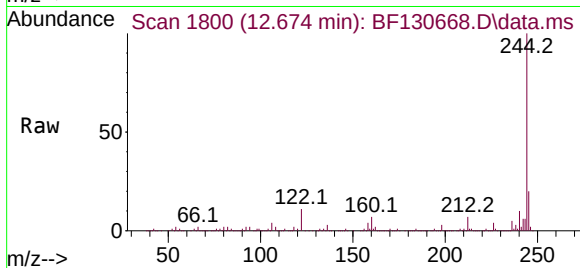
#79
 Terphenyl-d14
 Concen: 60.581 ng
 RT: 12.674 min Scan# 1802
 Delta R.T. -0.012 min
 Lab File: BF130668.D
 Acq: 14 Oct 2022 16:33

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

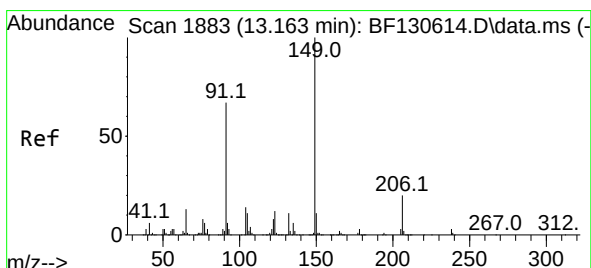
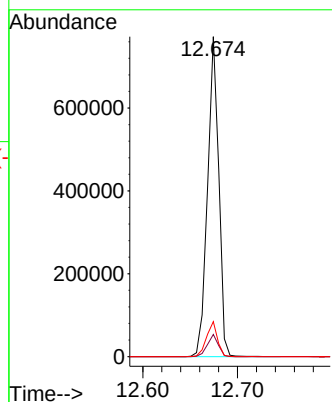
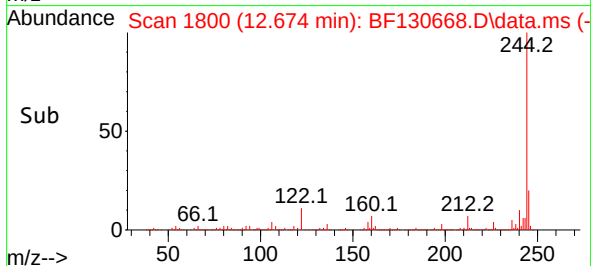


Tgt Ion:244 Resp: 635968
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.9 7.5 11.3

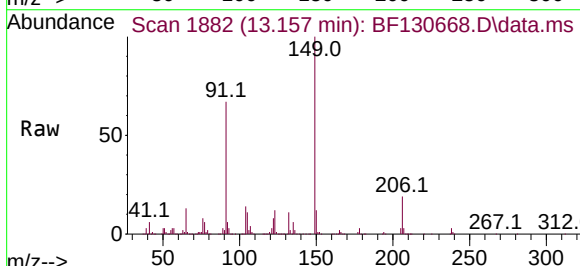
Manual Integrations

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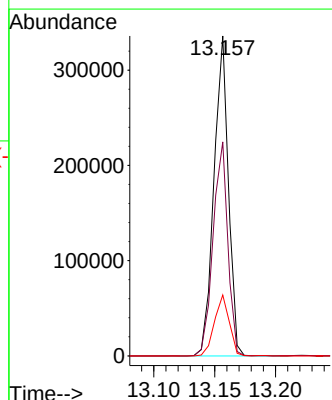
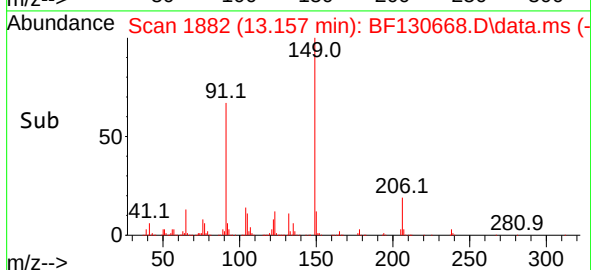
Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

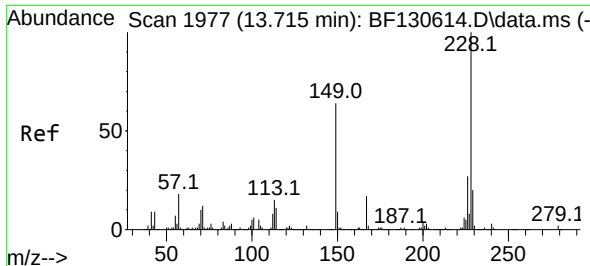


#80
 Butylbenzylphthalate
 Concen: 48.127 ng
 RT: 13.157 min Scan# 1882
 Delta R.T. -0.006 min
 Lab File: BF130668.D
 Acq: 14 Oct 2022 16:33



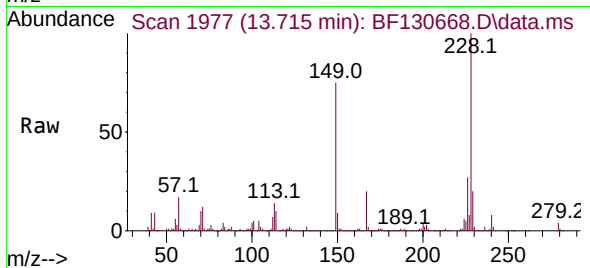
Tgt Ion:149 Resp: 278168
 Ion Ratio Lower Upper
 149 100
 91 66.9 53.8 80.8
 206 19.0 15.8 23.6





#81
Benzo(a)anthracene
Concen: 44.365 ng
RT: 13.715 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

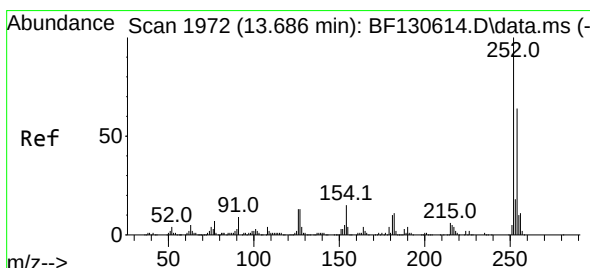
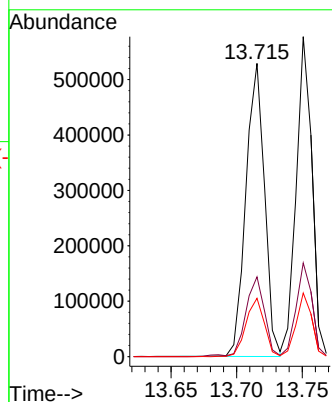
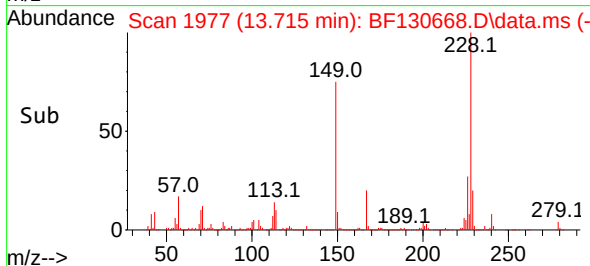
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



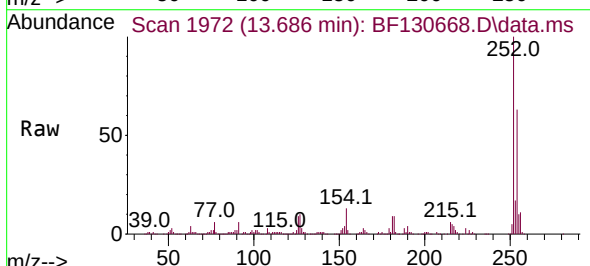
Tgt Ion:228 Resp: 520851
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 19.9 15.8 23.8

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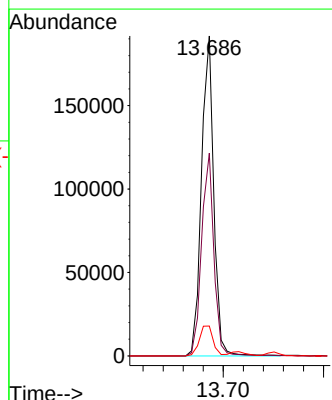
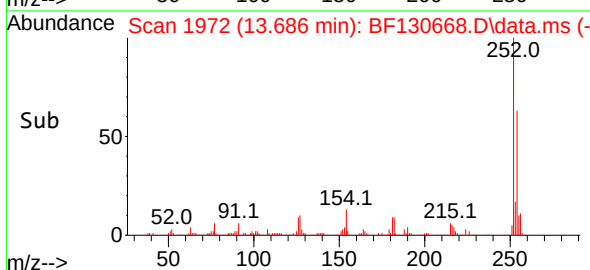
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

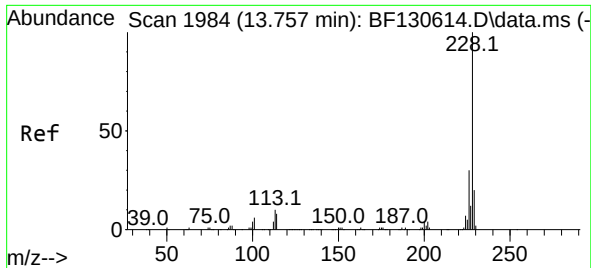


#82
3,3'-Dichlorobenzidine
Concen: 47.812 ng
RT: 13.686 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33



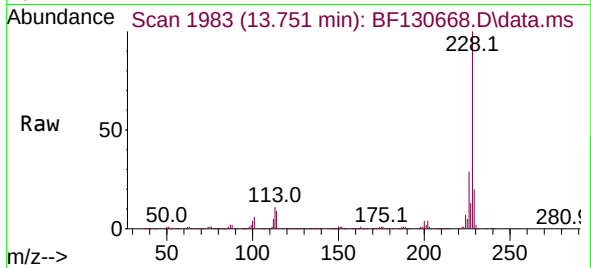
Tgt Ion:252 Resp: 162204
Ion Ratio Lower Upper
252 100
254 63.4 50.9 76.3
126 9.3 10.2 15.4#





#83
Chrysene
Concen: 43.780 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

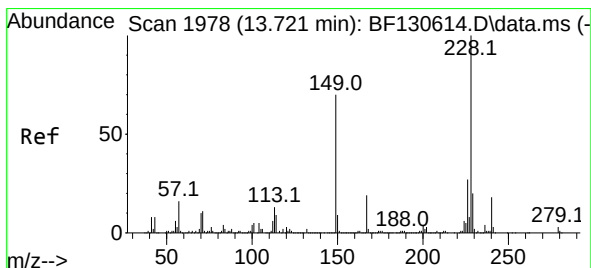
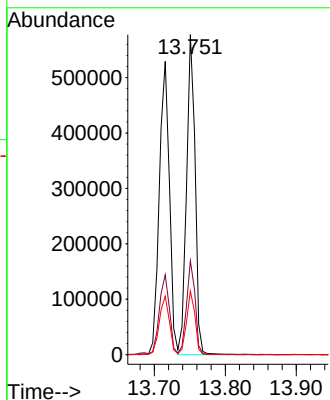
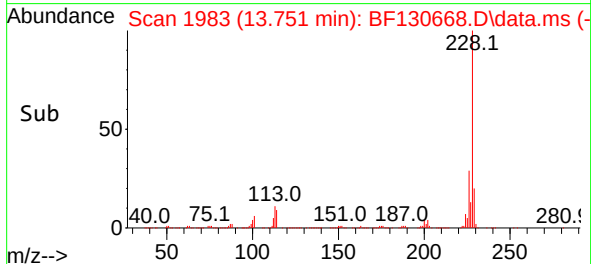
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



Tgt Ion:228 Resp: 487318
Ion Ratio Lower Upper
228 100
226 29.3 23.9 35.9
229 19.9 15.9 23.9

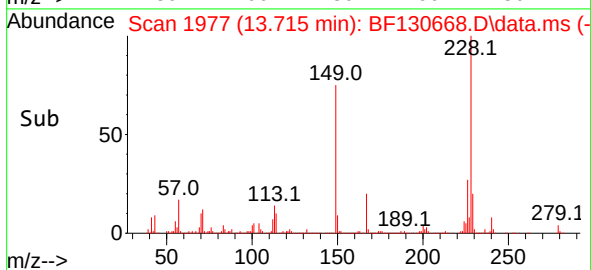
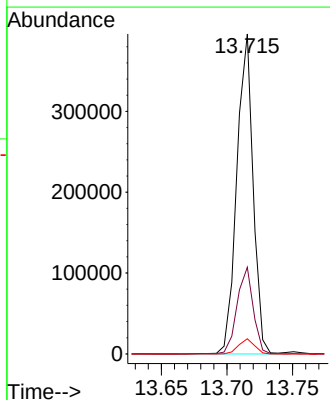
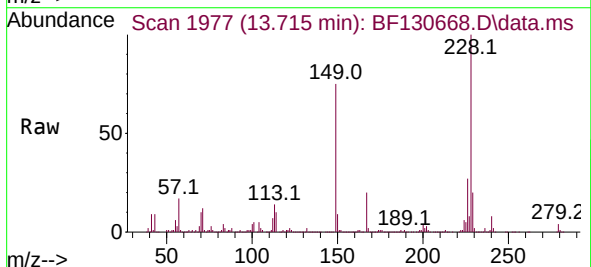
Manual Integrations
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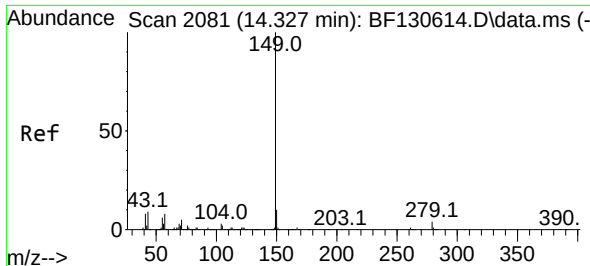
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.597 ng
RT: 13.715 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

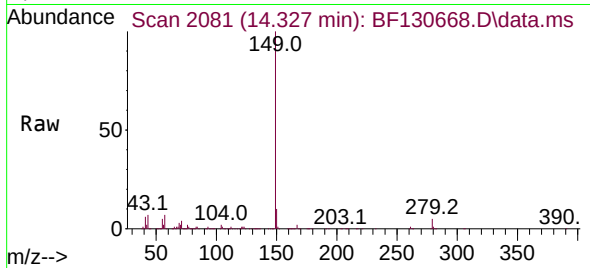
Tgt Ion:149 Resp: 340529
Ion Ratio Lower Upper
149 100
167 27.1 21.9 32.9
279 4.7 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 41.636 ng
RT: 14.327 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

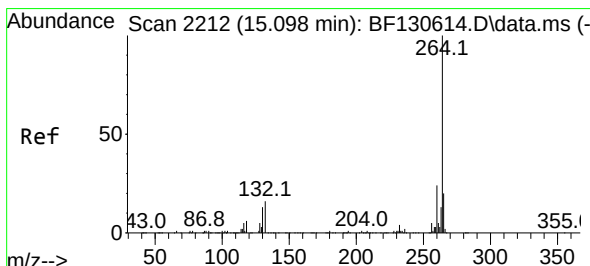
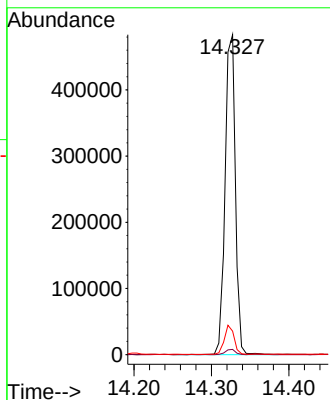
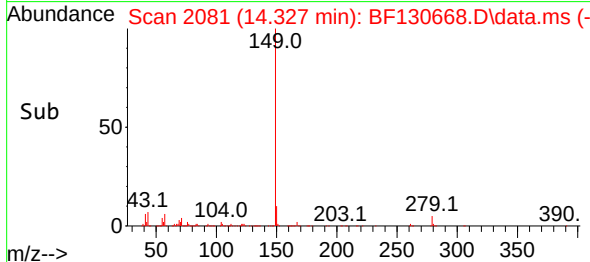
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



Tgt Ion:149 Resp: 446820
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.6 7.2 10.8

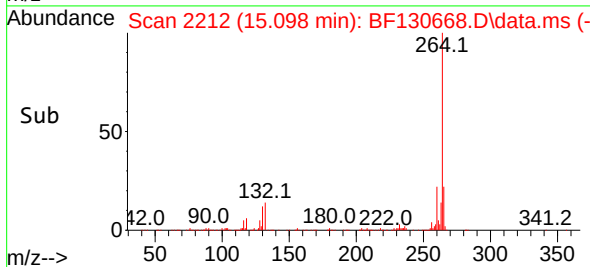
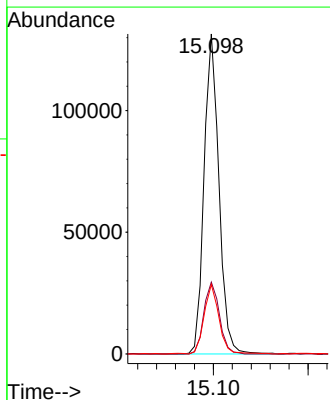
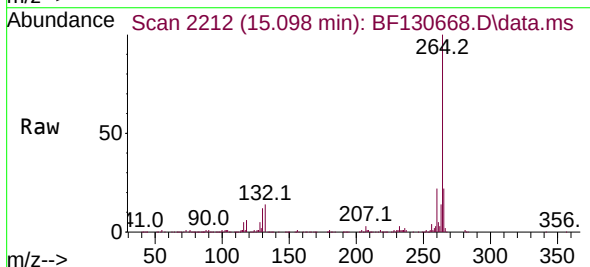
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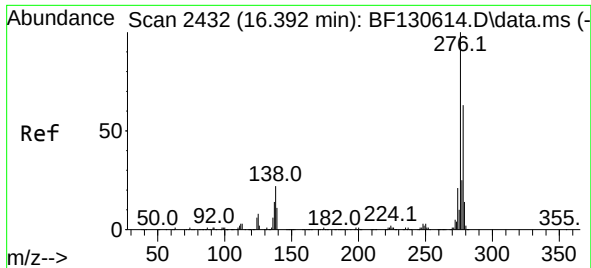
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

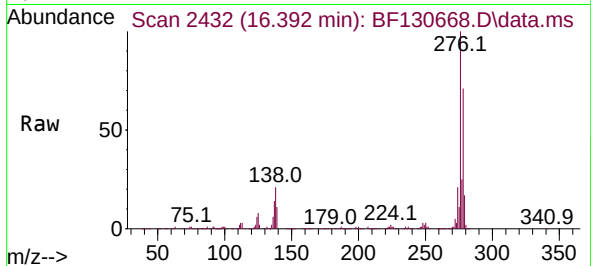
Tgt Ion:264 Resp: 143308
Ion Ratio Lower Upper
264 100
260 22.4 19.1 28.7
265 21.7 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.525 ng
RT: 16.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

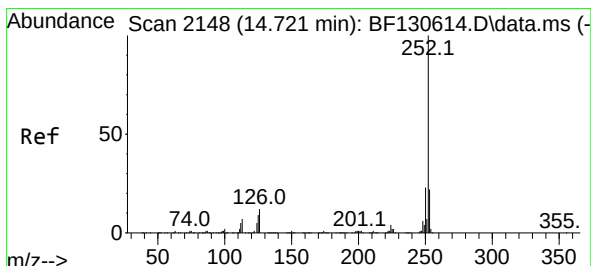
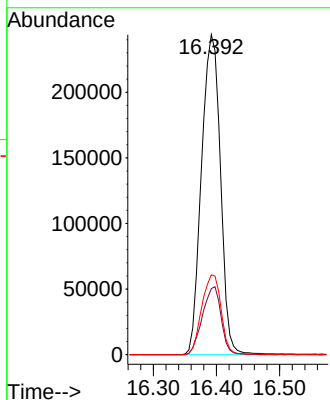
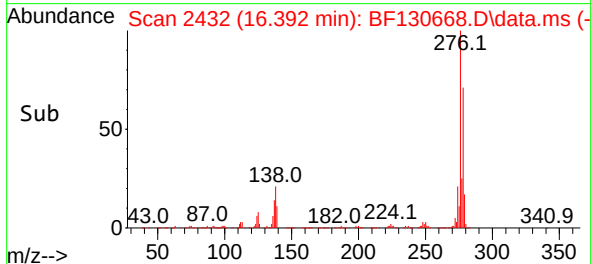
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



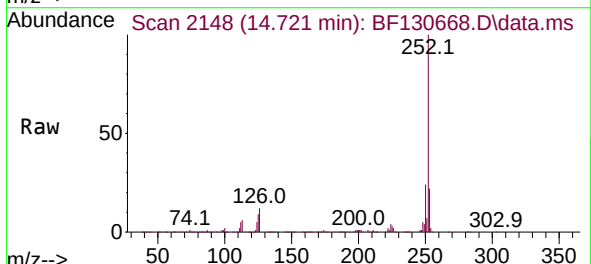
Tgt Ion: 276 Resp: 509758
Ion Ratio Lower Upper
276 100
138 20.8 18.0 27.0
277 25.4 20.0 30.0

Manual Integrations
APPROVED

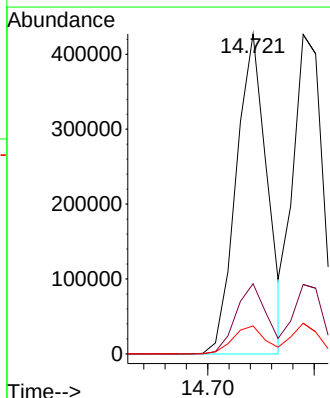
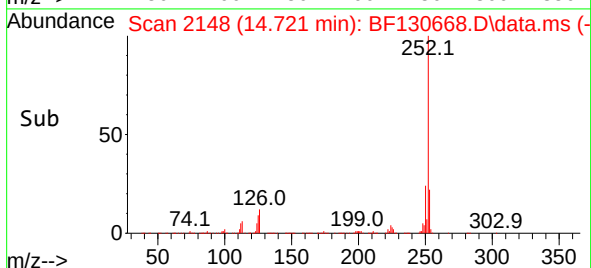
Reviewed By : Christian Giraldo 10/17/2022
Supervised By : mohammad ahmed 10/18/2022

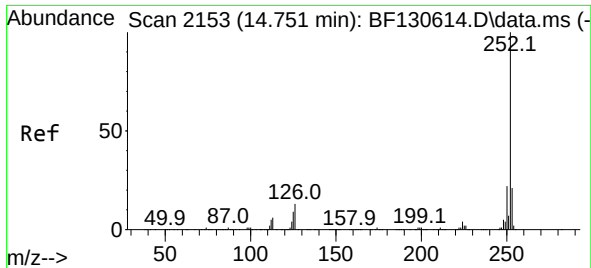


#88
Benzo(b)fluoranthene
Concen: 47.412 ng
RT: 14.721 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33



Tgt Ion: 252 Resp: 430241
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.7 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 44.614 ng
RT: 14.745 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Instrument :

BNA_F

ClientSampleId :

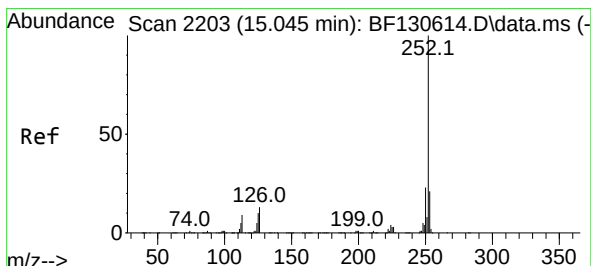
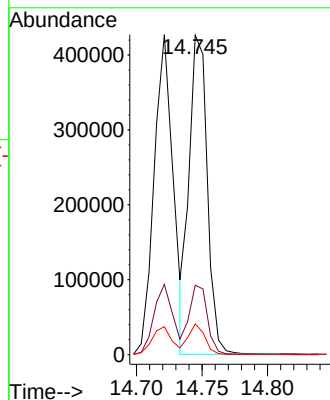
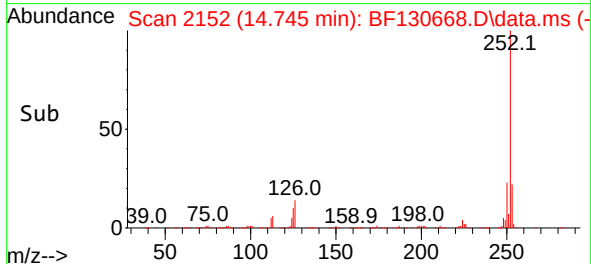
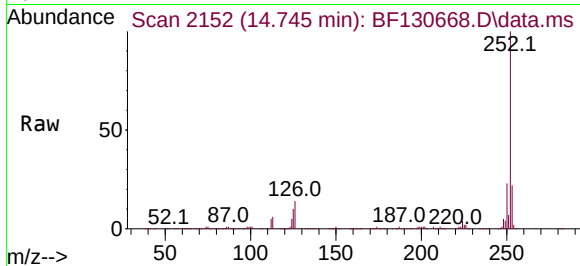
SB-04-COMPMS

Tgt Ion:252 Resp: 412230
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 9.6 7.2 10.8

Manual Integrations

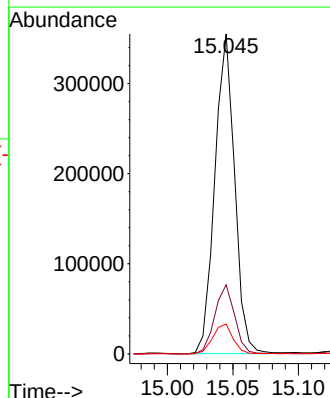
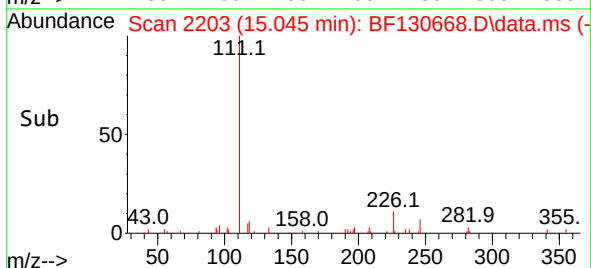
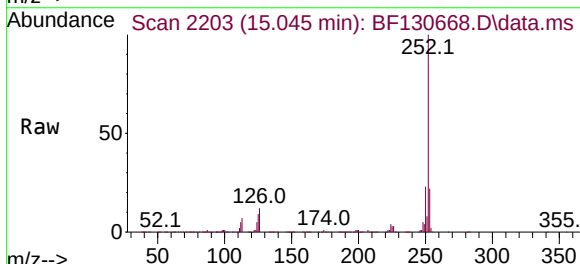
APPROVED

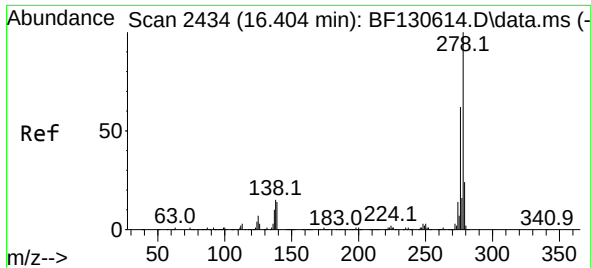
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#90
Benzo(a)pyrene
Concen: 49.276 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

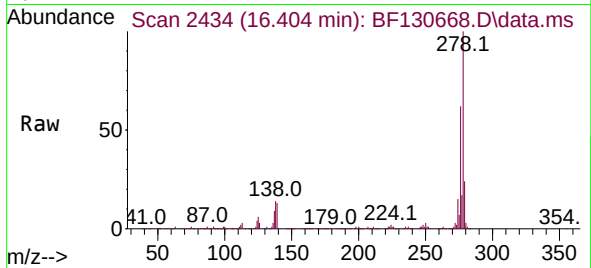
Tgt Ion:252 Resp: 372160
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 9.3 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 49.948 ng
RT: 16.404 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

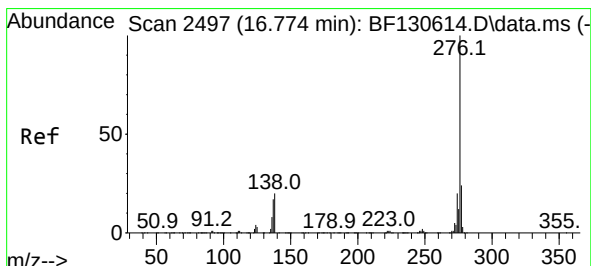
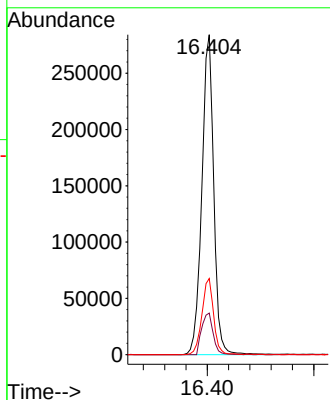
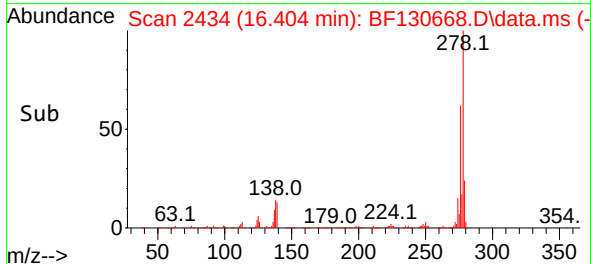
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS



Tgt Ion: 278 Resp: 439150
Ion Ratio Lower Upper
278 100
139 13.0 11.1 16.7
279 23.8 19.0 28.4

Manual Integrations
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Reviewed By : Christian Giraldo 10/17/2022
Supervised By : mohammad ahmed 10/18/2022



#92
Benzo(g,h,i)perylene
Concen: 53.758 ng
RT: 16.780 min Scan# 2498
Delta R.T. 0.006 min
Lab File: BF130668.D
Acq: 14 Oct 2022 16:33

Tgt Ion: 276 Resp: 440213
Ion Ratio Lower Upper
276 100
277 22.9 18.9 28.3
138 16.7 15.9 23.9

