

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130669.D
 Acq On : 14 Oct 2022 17:05
 Operator : CG\JU
 Sample : N5140-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 17 02:21:56 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	77161	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	300160	20.000	ng	-0.01
39) Acenaphthene-d10	9.616	164	163025	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	279074	20.000	ng	0.00
76) Chrysene-d12	13.727	240	159819	20.000	ng	# 0.00
86) Perylene-d12	15.098	264	142481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.192	112	425556	99.413	ng	0.00
7) Phenol-d6	6.234	99	528989	98.289	ng	0.00
23) Nitrobenzene-d5	7.157	82	327763	59.611	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	169109	106.012	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	612991	56.956	ng	0.00
79) Terphenyl-d14	12.674	244	613430	63.705	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.234	88	79621	30.744	ng	98
3) Pyridine	2.887	79	189965	41.007	ng	98
4) n-Nitrosodimethylamine	2.857	42	104517	47.885	ng	90
6) Aniline	6.245	93	250329	38.850	ng	# 65
8) 2-Chlorophenol	6.369	128	239687	47.613	ng	99
9) Benzaldehyde	6.134	77	128612	38.036	ng	99
10) Phenol	6.251	94	290055	46.578	ng	98
11) bis(2-Chloroethyl)ether	6.328	93	210074	46.441	ng	99
12) 1,3-Dichlorobenzene	6.522	146	260457	47.254	ng	98
13) 1,4-Dichlorobenzene	6.598	146	267935	47.916	ng	97
14) 1,2-Dichlorobenzene	6.751	146	251519	48.298	ng	97
15) Benzyl Alcohol	6.739	79	178928	46.306	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.869	45	262309	45.073	ng	86
17) 2-Methylphenol	6.857	107	189149	47.235	ng	95
18) Hexachloroethane	7.087	117	100009	47.277	ng	98
19) n-Nitroso-di-n-propyla...	7.010	70	157552	45.373	ng	99
20) 3+4-Methylphenols	7.016	107	240078	44.742	ng	# 81
22) Acetophenone	7.004	105	339657	47.172	ng	# 97
24) Nitrobenzene	7.175	77	245339	44.369	ng	98
25) Isophorone	7.416	82	436814	47.733	ng	99
26) 2-Nitrophenol	7.486	139	130398	48.088	ng	# 89
27) 2,4-Dimethylphenol	7.539	122	204705	54.163	ng	99
28) bis(2-Chloroethoxy)met...	7.628	93	263095	49.652	ng	100
29) 2,4-Dichlorophenol	7.734	162	199513	47.183	ng	100
30) 1,2,4-Trichlorobenzene	7.810	180	213202	46.769	ng	99
31) Naphthalene	7.886	128	694927	44.725	ng	100
32) Benzoic acid	7.704	122	111376	46.582	ng	91
33) 4-Chloroaniline	7.945	127	176702	29.358	ng	99
34) Hexachlorobutadiene	8.004	225	135538	47.904	ng	98
35) Caprolactam	8.328	113	61402m	48.263	ng	
36) 4-Chloro-3-methylphenol	8.445	107	213563	46.561	ng	97
37) 2-Methylnaphthalene	8.575	142	454729	46.506	ng	99
38) 1-Methylnaphthalene	8.675	142	435384	45.868	ng	98
40) 1,2,4,5-Tetrachloroben...	8.745	216	216661	48.984	ng	98
41) Hexachlorocyclopentadiene	8.728	237	182442	104.445	ng	99
43) 2,4,6-Trichlorophenol	8.863	196	137151	46.181	ng	100

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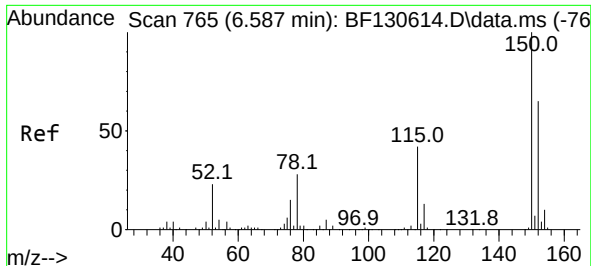
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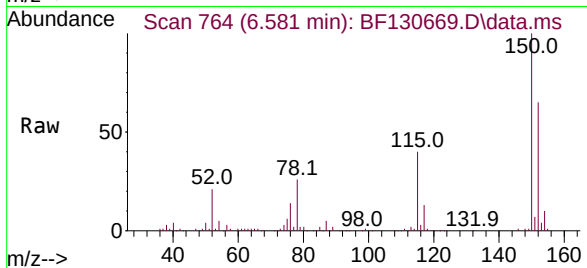
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.910	196	149075	45.645	ng	98
46) 1,1'-Biphenyl	9.045	154	566491	47.948	ng	99
47) 2-Chloronaphthalene	9.069	162	444393	46.022	ng	98
48) 2-Nitroaniline	9.175	65	130173	44.783	ng	93
49) Acenaphthylene	9.480	152	662772	45.809	ng	99
50) Dimethylphthalate	9.357	163	520017	46.080	ng	98
51) 2,6-Dinitrotoluene	9.416	165	117253	47.366	ng	99
52) Acenaphthene	9.651	154	395842	45.158	ng	99
53) 3-Nitroaniline	9.586	138	87459	32.231	ng	99
54) 2,4-Dinitrophenol	9.704	184	115645	90.953	ng	99
55) Dibenzofuran	9.822	168	615515	46.093	ng	99
56) 4-Nitrophenol	9.769	139	134627	89.982	ng	93
57) 2,4-Dinitrotoluene	9.822	165	154498	48.562	ng	94
58) Fluorene	10.163	166	501308	45.663	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.945	232	117702	45.204	ng	97
60) Diethylphthalate	10.051	149	500660	44.465	ng	99
61) 4-Chlorophenyl-phenyle...	10.157	204	235171	47.381	ng	99
62) 4-Nitroaniline	10.204	138	104994	40.527	ng	98
63) Azobenzene	10.316	77	450925	42.520	ng	99
65) 4,6-Dinitro-2-methylph...	10.227	198	82307	47.194	ng	86
66) n-Nitrosodiphenylamine	10.280	169	426310	45.923	ng	100
67) 4-Bromophenyl-phenylether	10.645	248	151807	48.075	ng	96
68) Hexachlorobenzene	10.704	284	172478	48.319	ng	96
69) Atrazine	10.816	200	136158	53.863	ng	96
70) Pentachlorophenol	10.910	266	134124	96.543	ng	98
71) Phenanthrene	11.122	178	697792	45.130	ng	99
72) Anthracene	11.169	178	710206	47.032	ng	100
73) Carbazole	11.333	167	622113	46.170	ng	100
74) Di-n-butylphthalate	11.663	149	761077	46.629	ng	100
75) Fluoranthene	12.304	202	680717	45.808	ng	99
77) Benzidine	12.433	184	215801	53.421	ng	99
78) Pyrene	12.527	202	673491	48.847	ng	99
80) Butylbenzylphthalate	13.157	149	257920	48.648	ng	98
81) Benzo(a)anthracene	13.715	228	482586	44.813	ng	99
82) 3,3'-Dichlorobenzidine	13.686	252	150296	48.298	ng	# 98
83) Chrysene	13.751	228	449286	44.003	ng	99
84) Bis(2-ethylhexyl)phtha...	13.715	149	311988	48.540	ng	99
85) Di-n-octyl phthalate	14.321	149	412161	41.871	ng	99
87) Indeno(1,2,3-cd)pyrene	16.392	276	511870	47.999	ng	98
88) Benzo(b)fluoranthene	14.721	252	420591	46.617	ng	99
89) Benzo(k)fluoranthene	14.745	252	388763	42.318	ng	98
90) Benzo(a)pyrene	15.045	252	360928	48.066	ng	98
91) Dibenzo(a,h)anthracene	16.404	278	443996	50.793	ng	99
92) Benzo(g,h,i)perylene	16.780	276	442286	54.324	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: BF130669.D
Acq: 14 Oct 2022 17:05

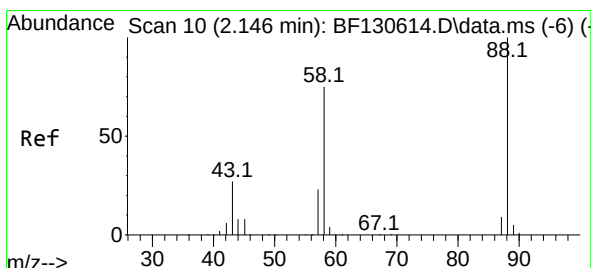
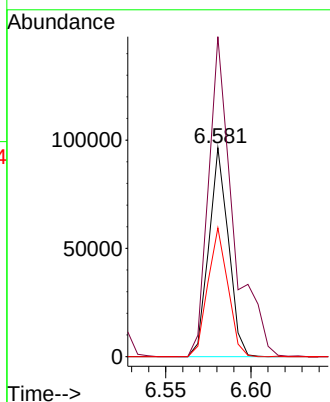
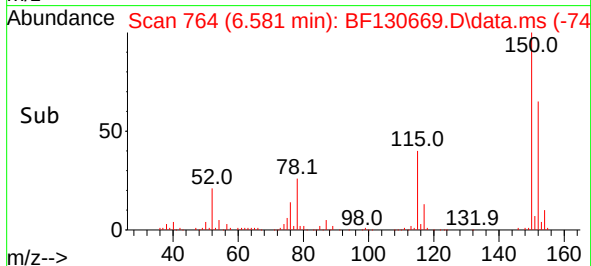
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



Tgt Ion:152 Resp: 77163
Ion Ratio Lower Upper
152 100
150 153.1 123.8 185.6
115 61.6 52.2 78.4

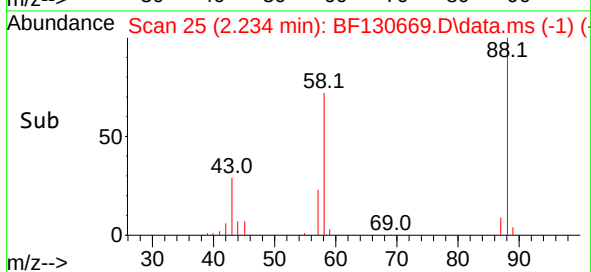
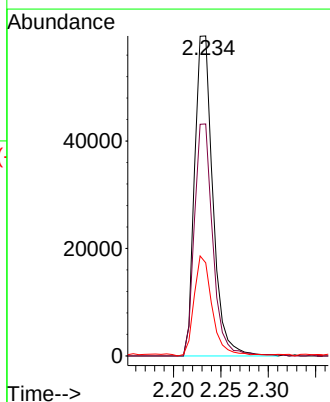
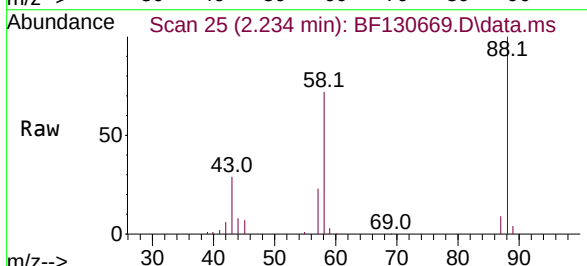
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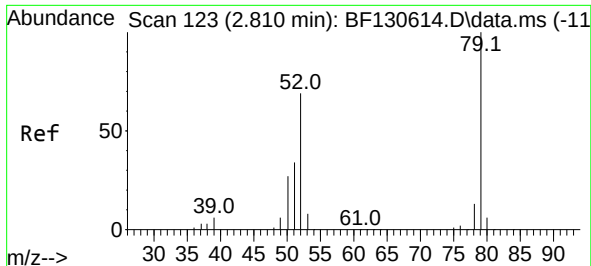
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#2
1,4-Dioxane
Concen: 30.744 ng
RT: 2.234 min Scan# 25
Delta R.T. 0.088 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

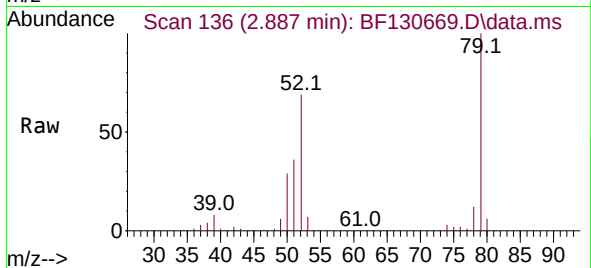
Tgt Ion: 88 Resp: 79621
Ion Ratio Lower Upper
88 100
58 72.9 58.8 88.2
43 31.2 22.2 33.4





#3
Pyridine
Concen: 41.007 ng
RT: 2.887 min Scan# 136
Delta R.T. 0.076 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

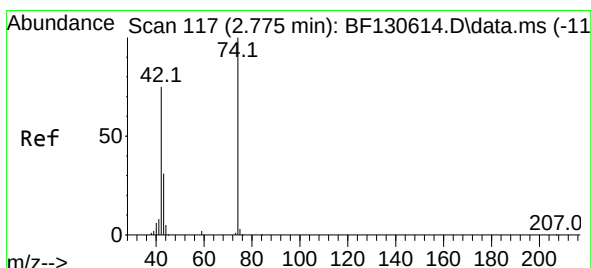
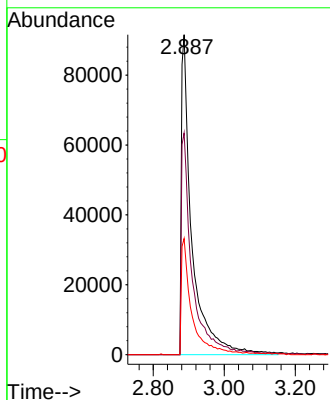
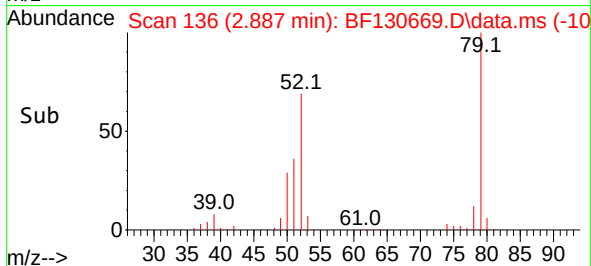
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



Tgt Ion: 79 Resp: 18996
Ion Ratio Lower Upper
79 100
52 69.3 54.8 82.2
51 36.3 27.4 41.2

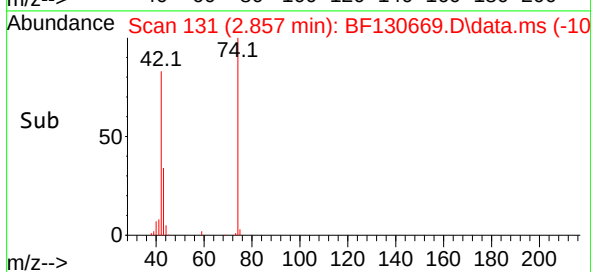
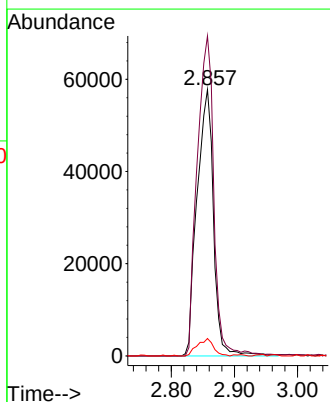
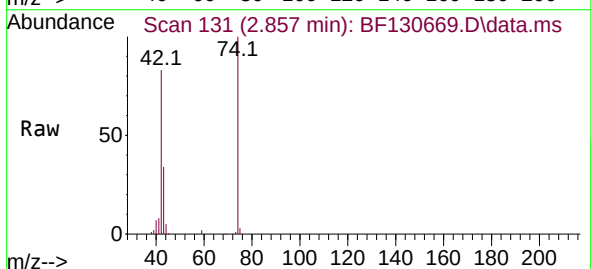
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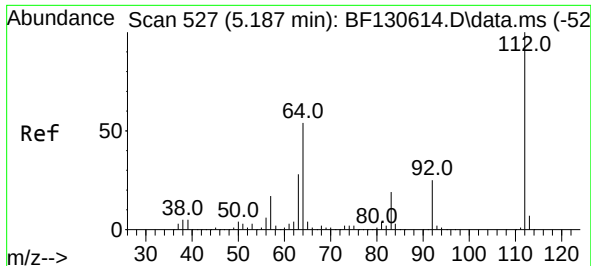
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#4
n-Nitrosodimethylamine
Concen: 47.885 ng
RT: 2.857 min Scan# 131
Delta R.T. 0.082 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

Tgt Ion: 42 Resp: 104517
Ion Ratio Lower Upper
42 100
74 120.1 106.2 159.2
44 6.5 5.0 7.4





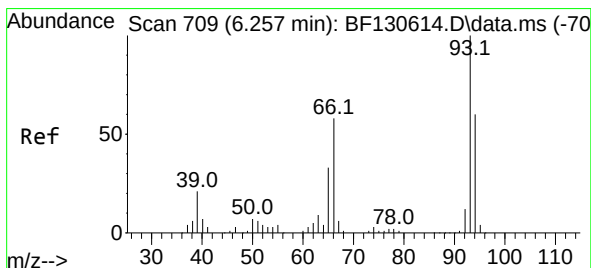
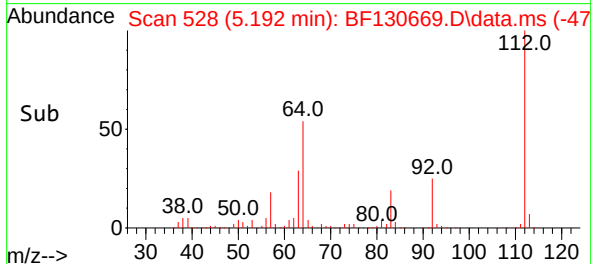
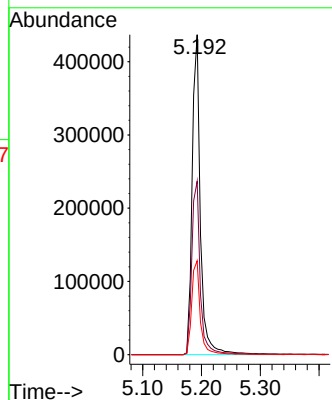
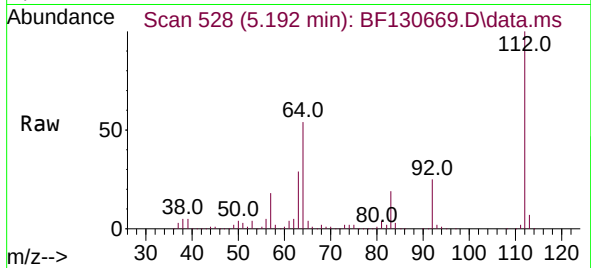
#5
2-Fluorophenol
Concen: 99.413 ng
RT: 5.192 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 425556
Ion Ratio Lower Upper
112 100
64 54.2 43.5 65.3
63 29.3 22.6 34.0

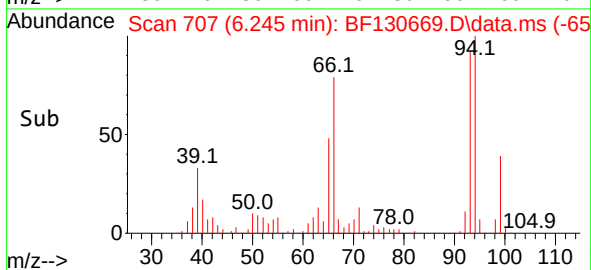
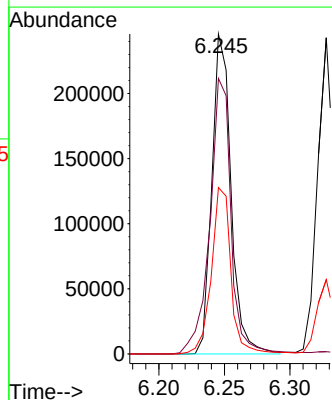
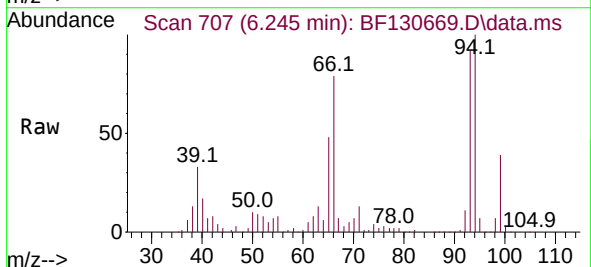
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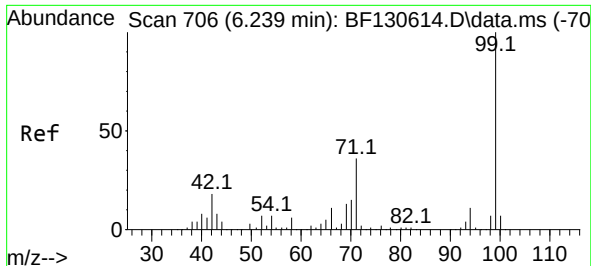
Reviewed By :Christian Giraldo 10/17/2022
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#6
Aniline
Concen: 38.850 ng
RT: 6.245 min Scan# 707
Delta R.T. -0.012 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

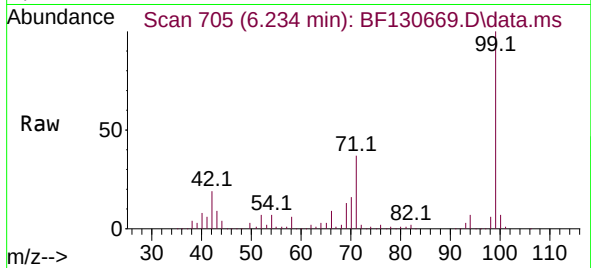
Tgt Ion: 93 Resp: 250329
Ion Ratio Lower Upper
93 100
66 86.1 47.4 71.0#
65 52.0 26.6 40.0#





#7
Phenol-d6
Concen: 98.289 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

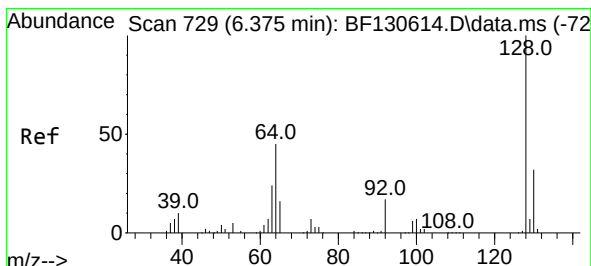
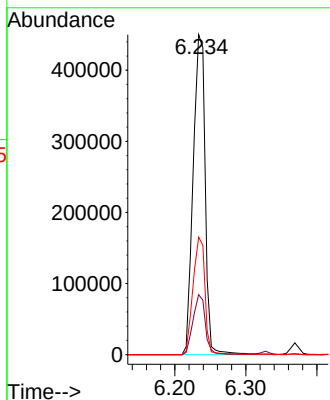
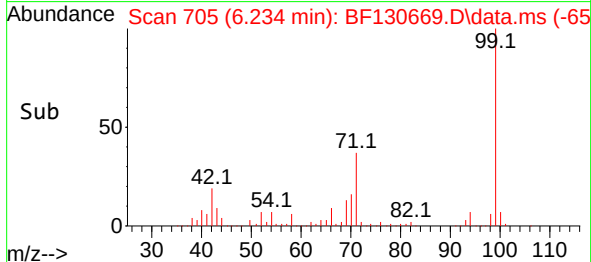
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 528989
Ion Ratio Lower Upper
99 100
42 18.7 14.0 21.0
71 36.7 28.8 43.2

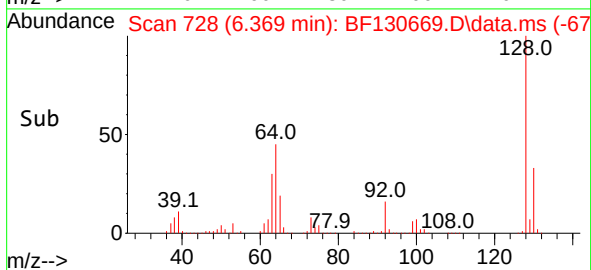
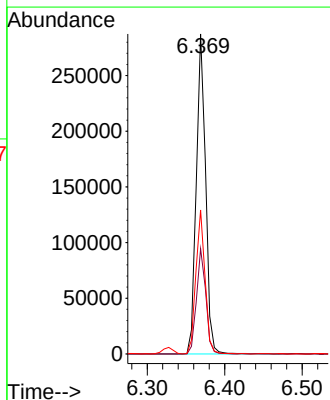
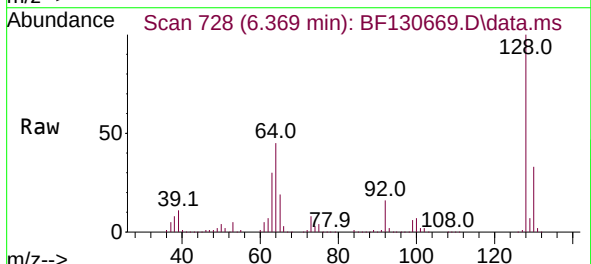
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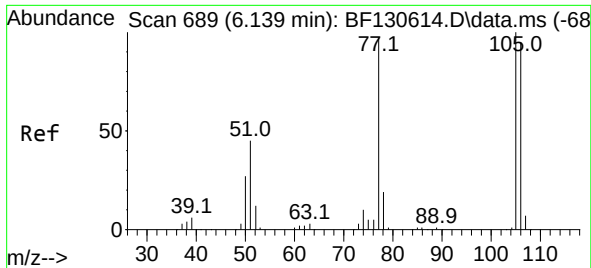
Reviewed By :Christian Giraldo 10/17/2022
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#8
2-Chlorophenol
Concen: 47.613 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

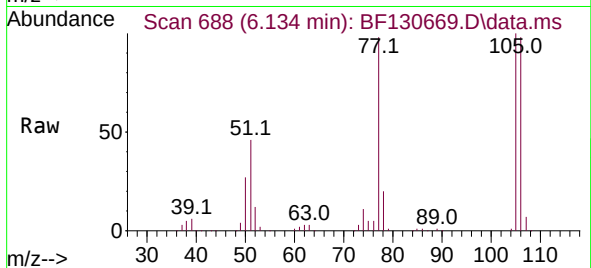
Tgt Ion:128 Resp: 239687
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 45.0 25.9 65.9





#9
Benzaldehyde
Concen: 38.036 ng
RT: 6.134 min Scan# 689
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

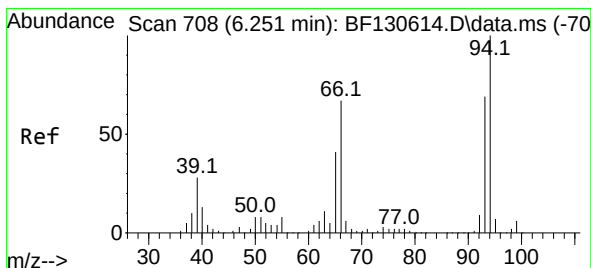
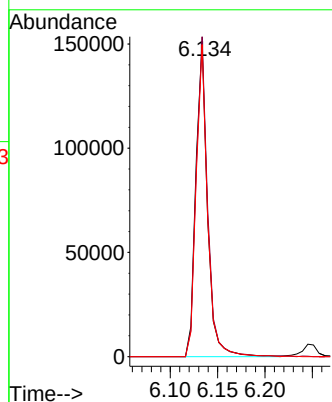
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



Tgt Ion: 77 Resp: 128612
Ion Ratio Lower Upper
77 100
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106 99.1 77.8 117.8

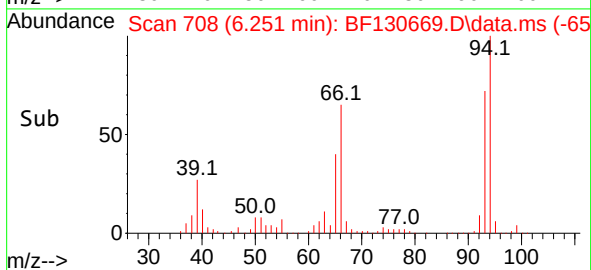
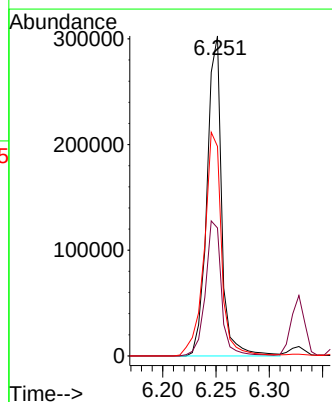
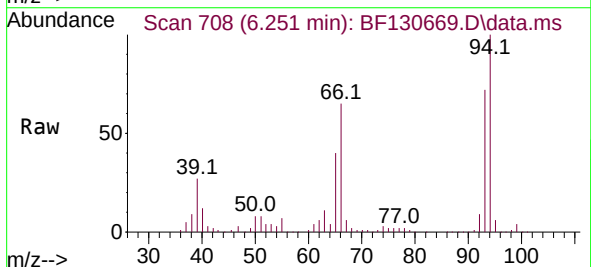
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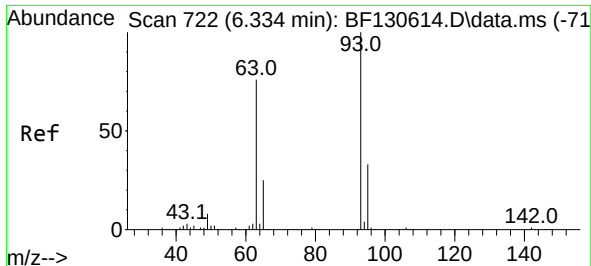
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#10
Phenol
Concen: 46.578 ng
RT: 6.251 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

Tgt Ion: 94 Resp: 290055
Ion Ratio Lower Upper
94 100
65 40.0 21.2 61.2
66 65.5 46.9 86.9





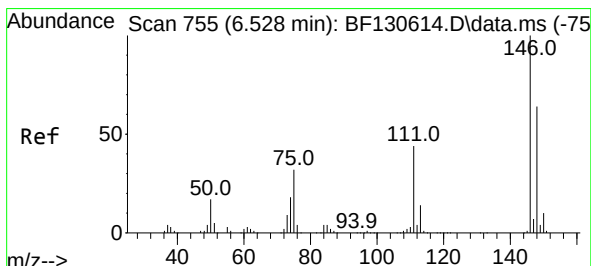
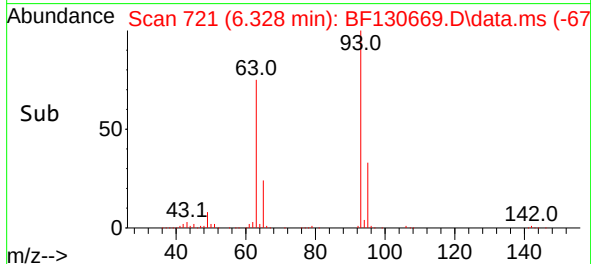
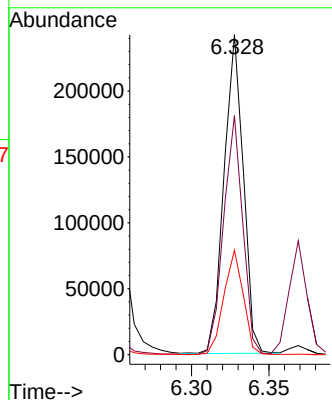
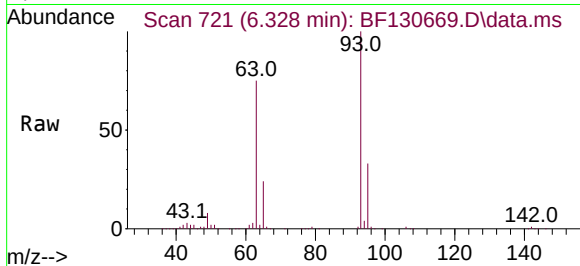
#11
bis(2-Chloroethyl)ether
Concen: 46.441 ng
RT: 6.328 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion: 93 Resp: 210074
Ion Ratio Lower Upper
93 100
63 74.7 56.1 96.1
95 32.6 12.4 52.4

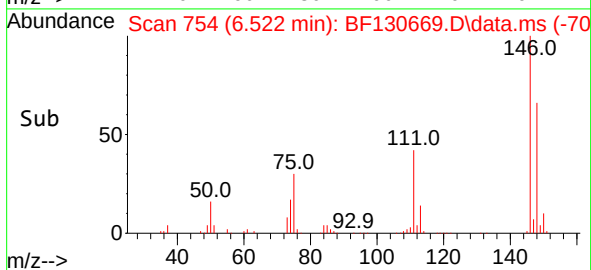
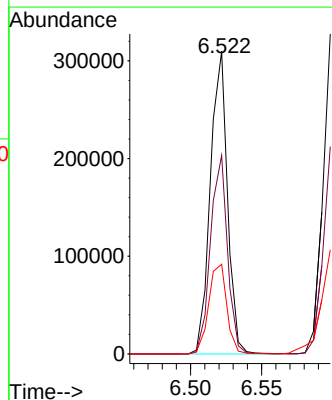
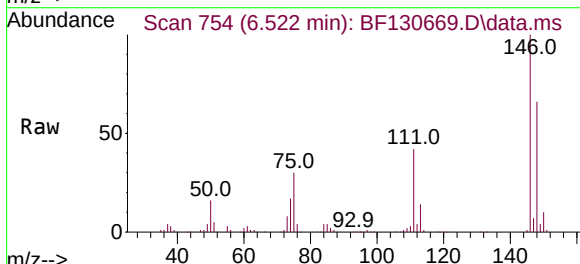
Manual Integrations
APPROVED

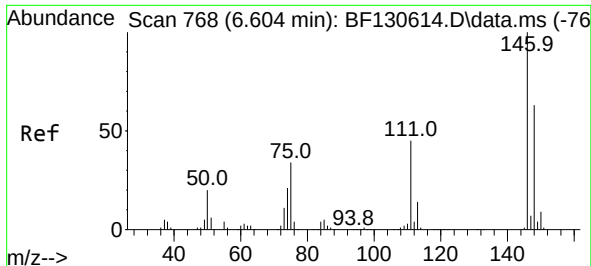
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#12
1,3-Dichlorobenzene
Concen: 47.254 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

Tgt Ion:146 Resp: 260457
Ion Ratio Lower Upper
146 100
148 65.6 51.3 76.9
75 29.6 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 47.916 ng

RT: 6.598 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

Tgt Ion:146 Resp: 267935

Ion Ratio Lower Upper

146 100

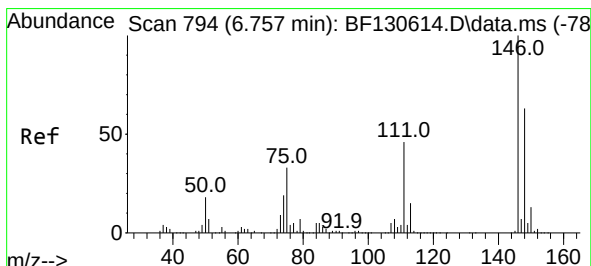
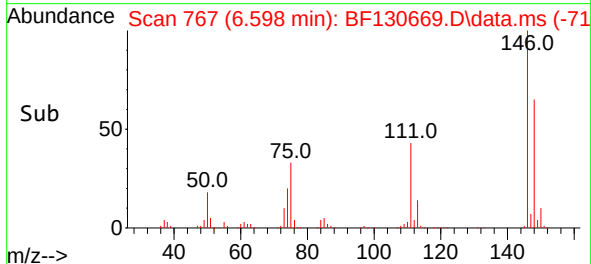
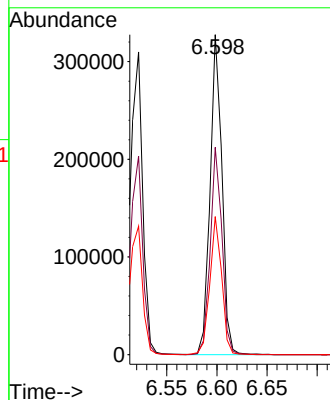
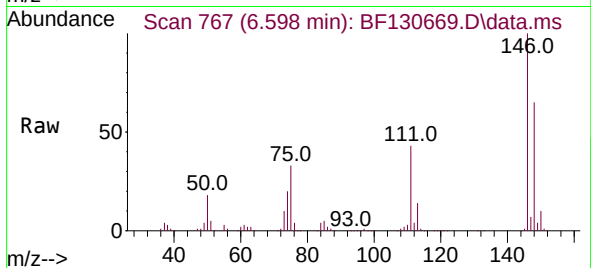
148 64.8 50.1 75.1

111 43.1 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: 48.298 ng

RT: 6.751 min Scan# 793

Delta R.T. -0.006 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

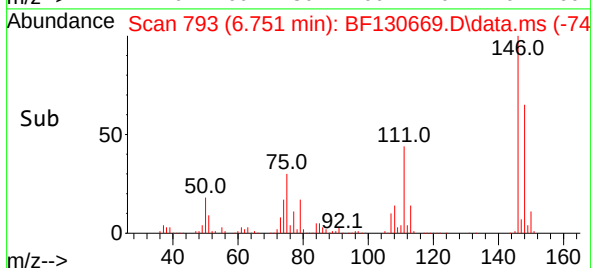
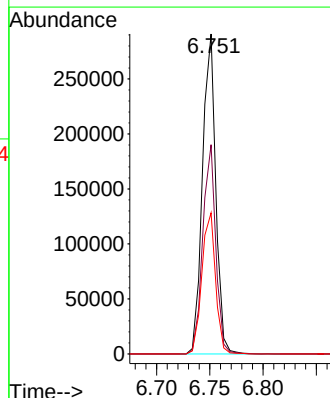
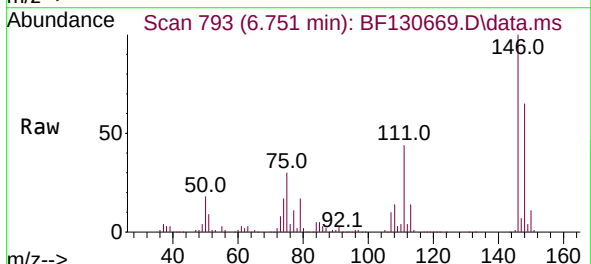
Tgt Ion:146 Resp: 251519

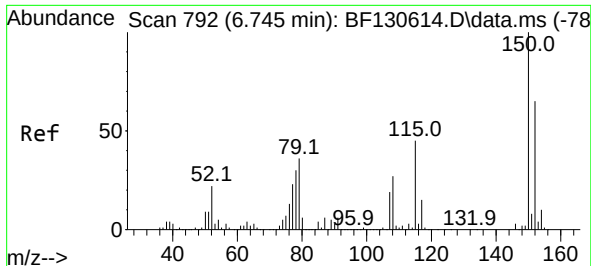
Ion Ratio Lower Upper

146 100

148 65.4 50.5 75.7

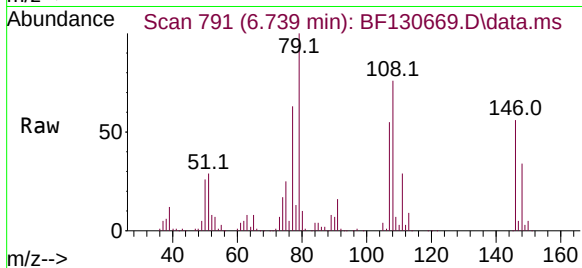
111 44.1 37.2 55.8





#15
Benzyl Alcohol
Concen: 46.306 ng
RT: 6.739 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

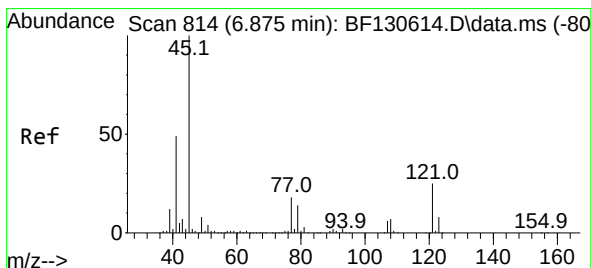
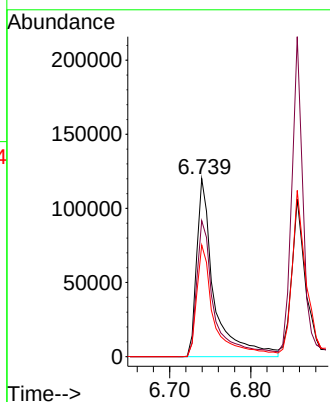
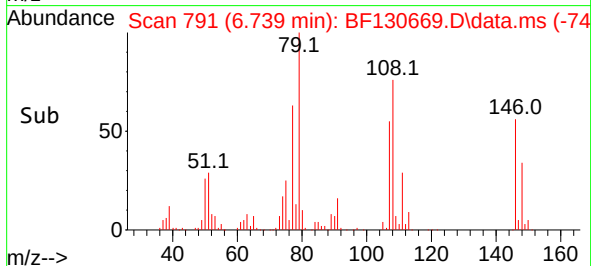
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



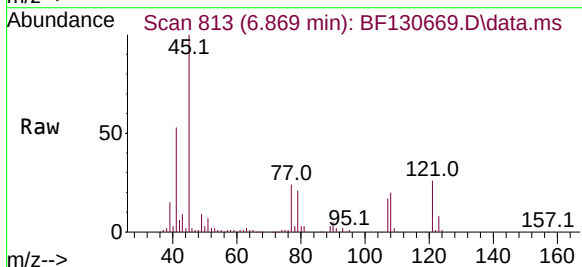
Tgt Ion: 79 Resp: 178928
Ion Ratio Lower Upper
79 100
108 76.4 59.7 89.5
77 62.7 51.8 77.6

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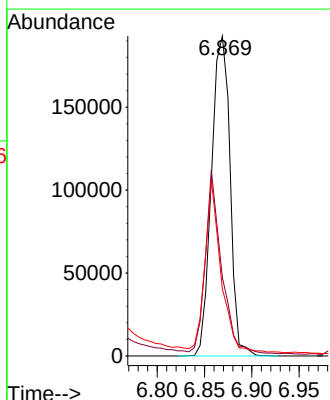
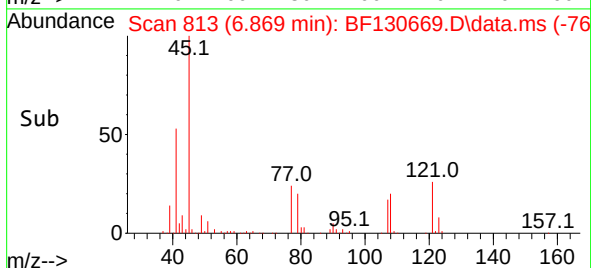
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

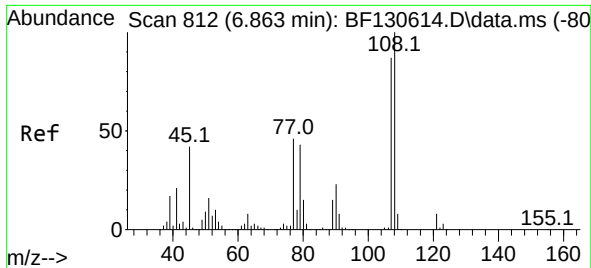


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.073 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05



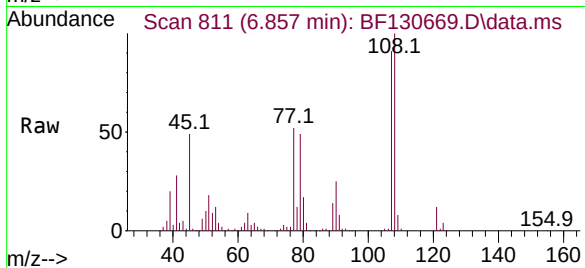
Tgt Ion: 45 Resp: 262309
Ion Ratio Lower Upper
45 100
77 24.5 0.0 38.7
79 20.9 0.0 34.6





#17
2-Methylphenol
Concen: 47.235 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

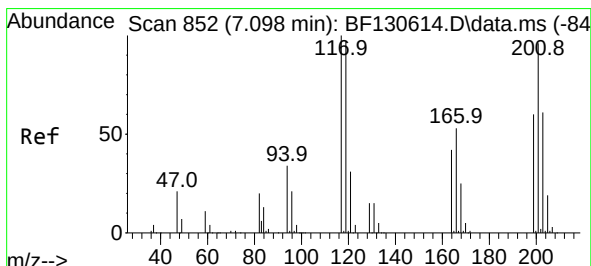
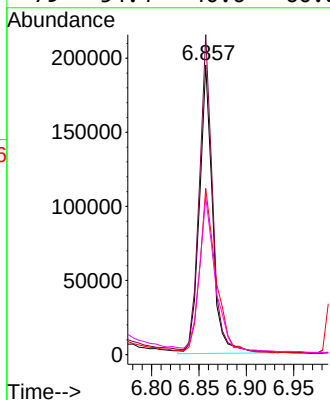
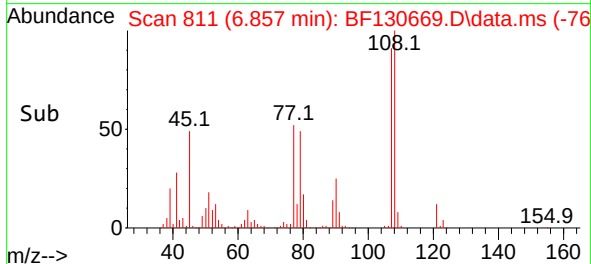
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



Tgt Ion:107 Resp: 189149
Ion Ratio Lower Upper
107 100
108 110.4 92.2 138.2
77 57.3 42.7 64.1
79 54.4 40.6 60.8

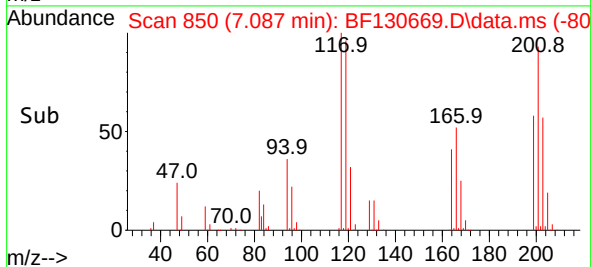
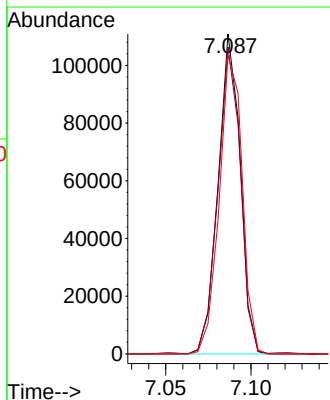
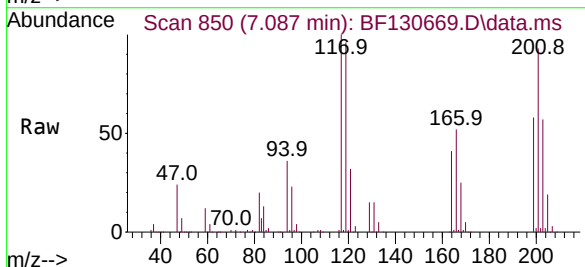
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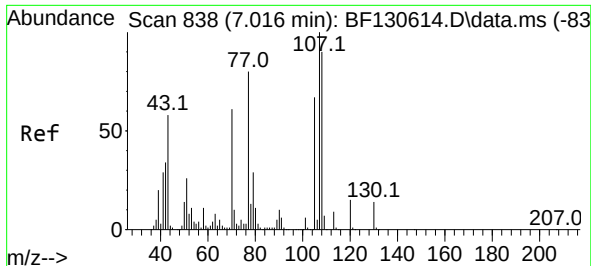
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#18
Hexachloroethane
Concen: 47.277 ng
RT: 7.087 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

Tgt Ion:117 Resp: 100009
Ion Ratio Lower Upper
117 100
119 95.9 77.6 116.4
201 93.3 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 45.373 ng

RT: 7.010 min Scan# 838

Delta R.T. -0.006 min

Lab File: BF130669.D

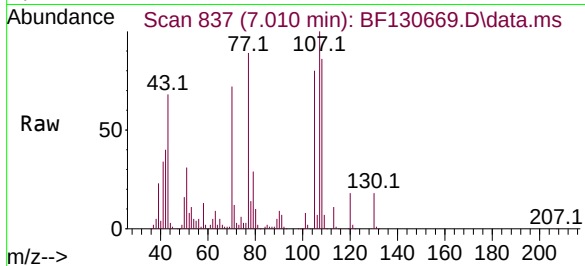
Acq: 14 Oct 2022 17:05

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD



Tgt Ion: 70 Resp: 157552

Ion Ratio Lower Upper

70 100

42 55.4 44.3 66.5

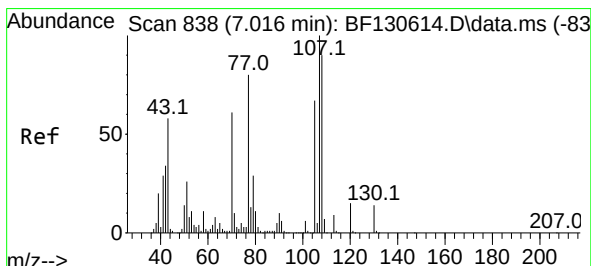
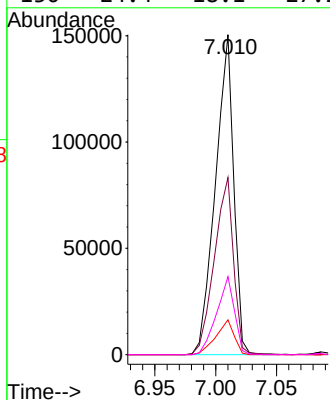
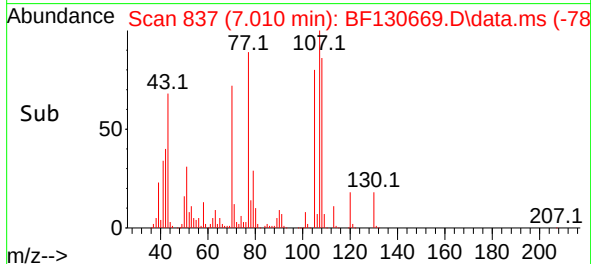
101 10.9 7.9 11.9

130 24.4 18.1 27.1

Manual Integrations

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



#20

3+4-Methylphenols

Concen: 44.742 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

Tgt Ion:107 Resp: 240078

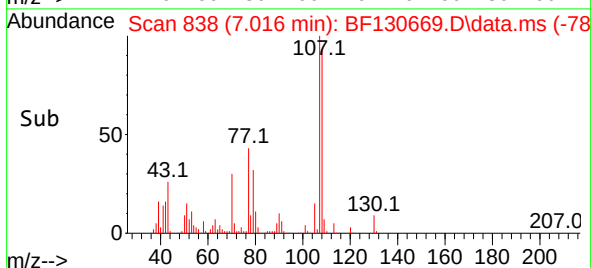
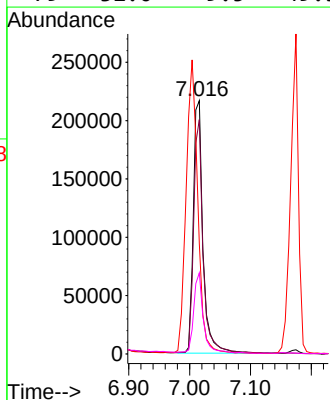
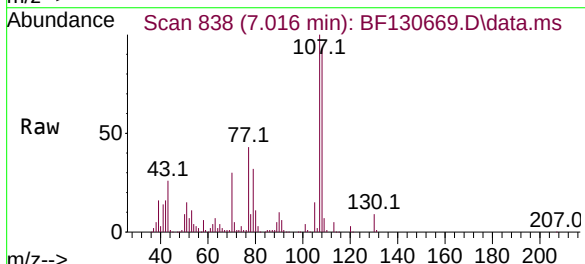
Ion Ratio Lower Upper

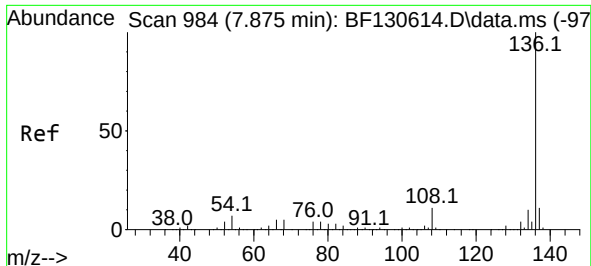
107 100

108 92.5 69.7 109.7

77 43.5 59.7 99.7#

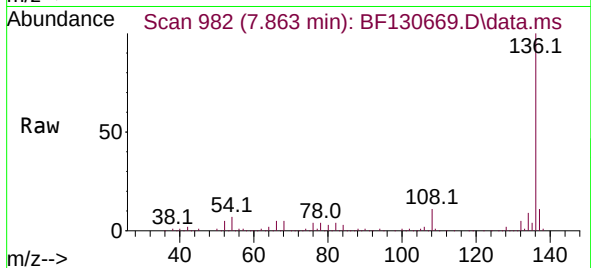
79 32.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 984
Delta R.T. -0.012 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

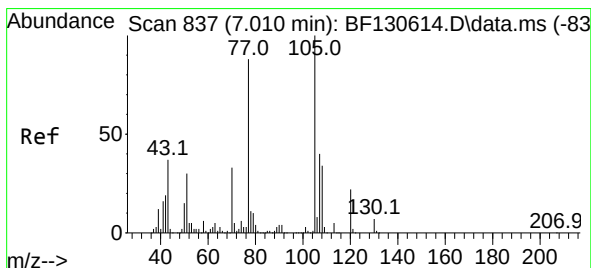
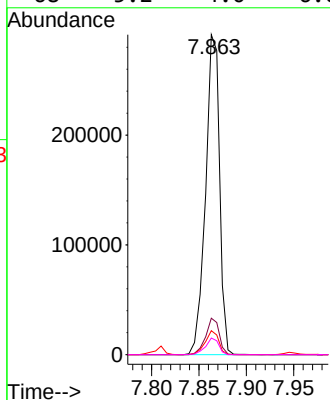
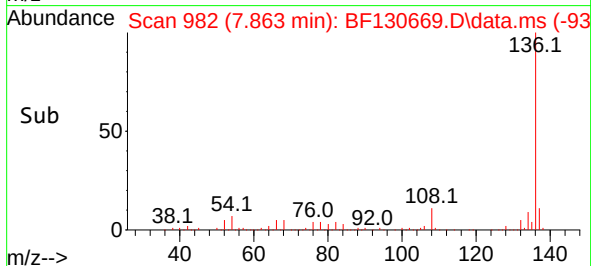
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



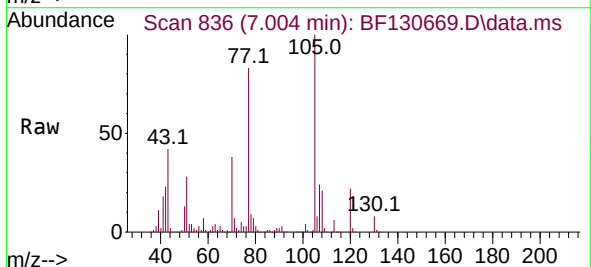
Tgt Ion:136 Resp: 300160
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 7.5 5.5 8.3
68 5.2 4.0 6.0

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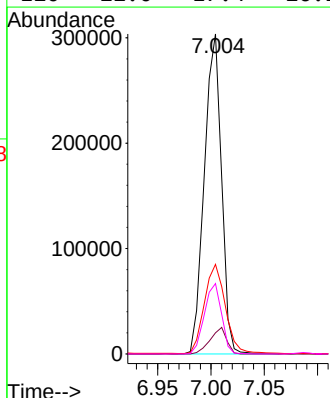
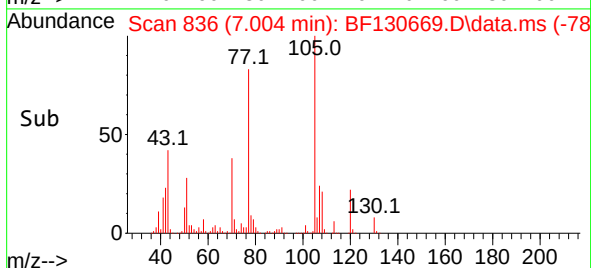
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

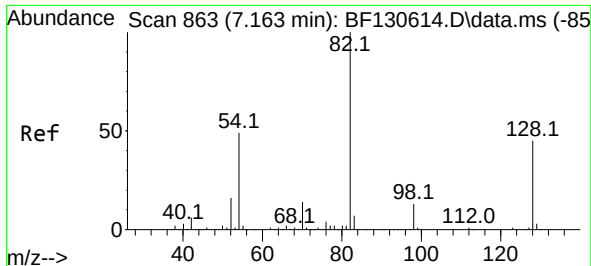


#22
Acetophenone
Concen: 47.172 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05



Tgt Ion:105 Resp: 339657
Ion Ratio Lower Upper
105 100
71 6.6 4.2 6.4#
51 28.0 24.3 36.5
120 22.0 17.4 26.2





#23

Nitrobenzene-d5

Concen: 59.611 ng

RT: 7.157 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

Tgt Ion: 82 Resp: 327763

Ion Ratio Lower Upper

82 100

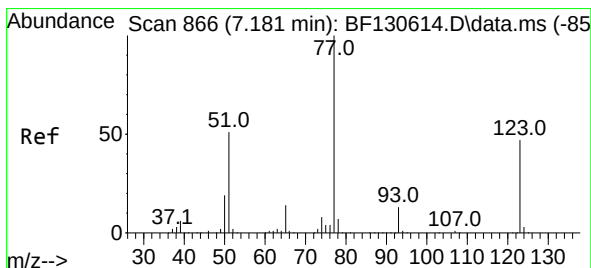
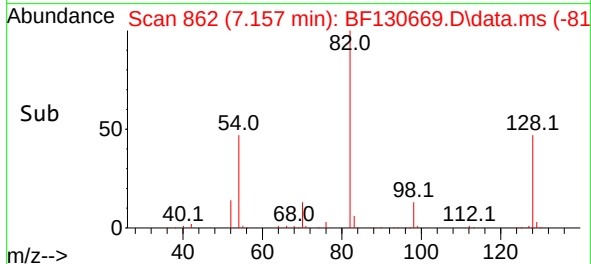
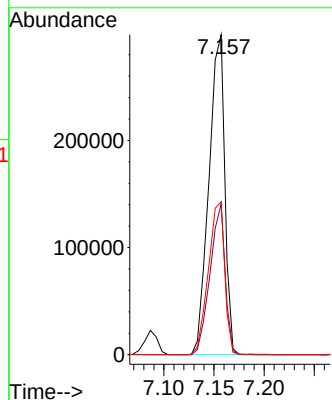
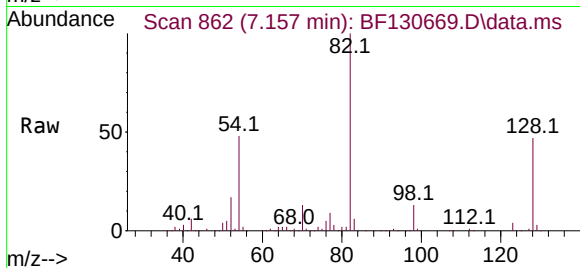
128 47.0 35.8 53.6

54 47.8 39.3 58.9

Manual Integrations

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Supervised By :mohammad ahmed 10/18/2022



#24

Nitrobenzene

Concen: 44.369 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

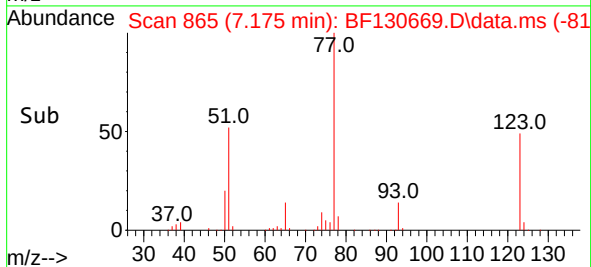
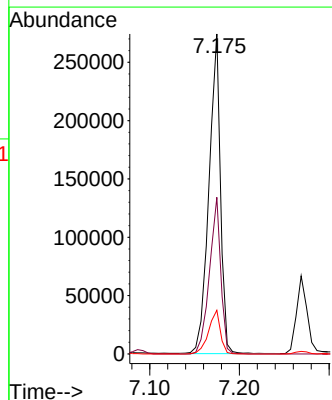
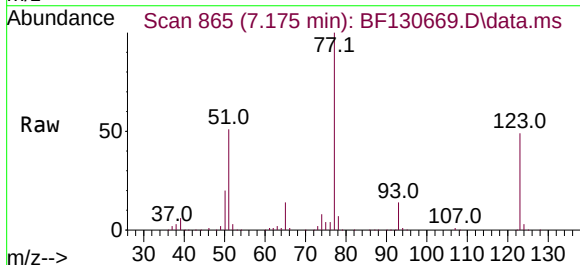
Tgt Ion: 77 Resp: 245339

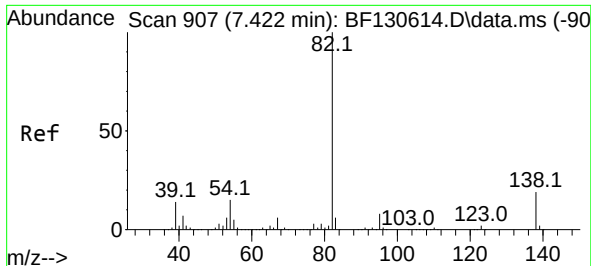
Ion Ratio Lower Upper

77 100

123 48.9 37.5 56.3

65 13.7 11.0 16.4





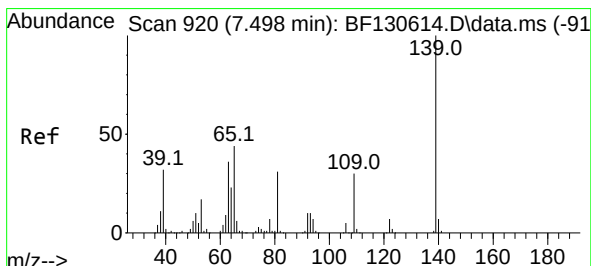
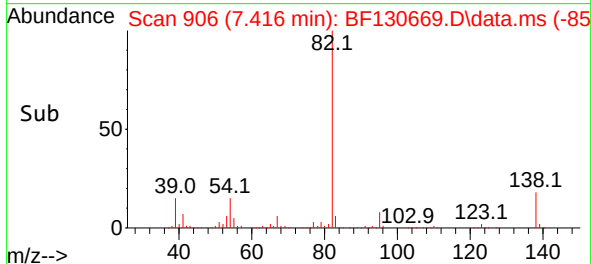
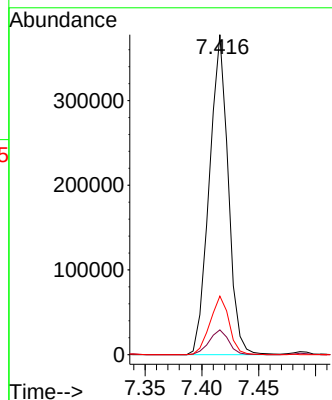
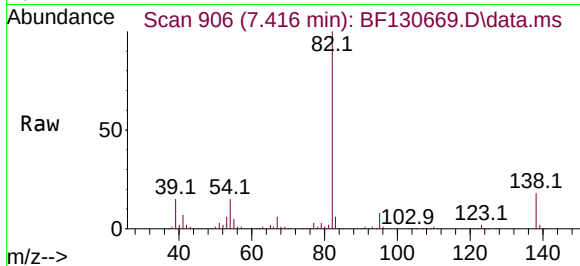
#25
Isophorone
Concen: 47.733 ng
RT: 7.416 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion: 82 Resp: 436814
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 18.3 14.9 22.3

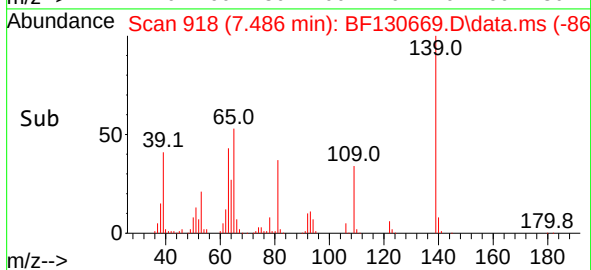
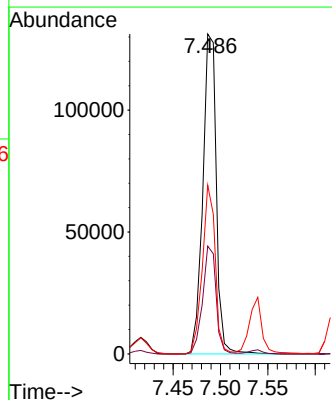
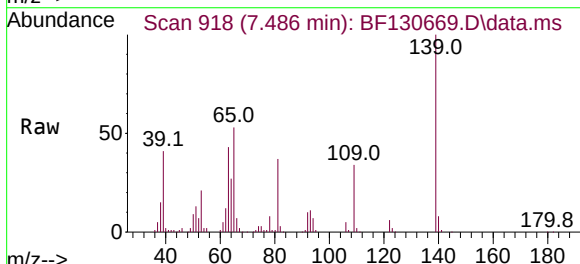
Manual Integrations
APPROVED

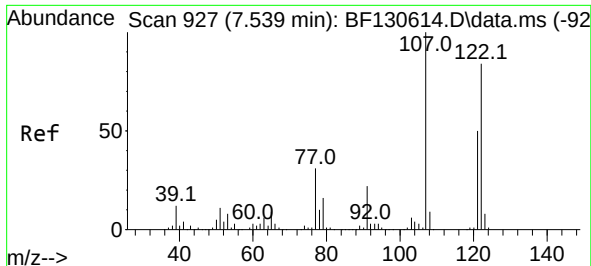
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#26
2-Nitrophenol
Concen: 48.088 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.012 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

Tgt Ion:139 Resp: 130398
Ion Ratio Lower Upper
139 100
109 33.7 23.9 35.9
65 52.7 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 54.163 ng

RT: 7.539 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

Instrument :

BNA_F

ClientSampleId :

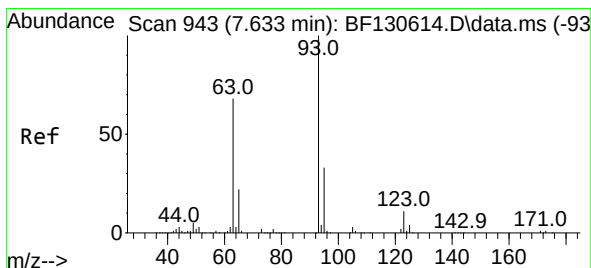
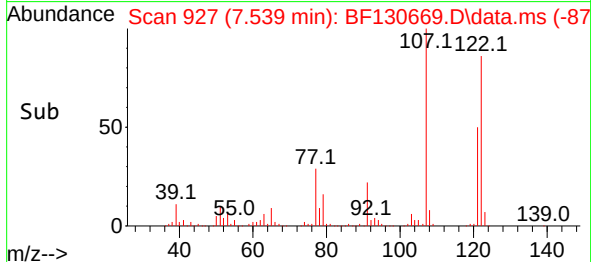
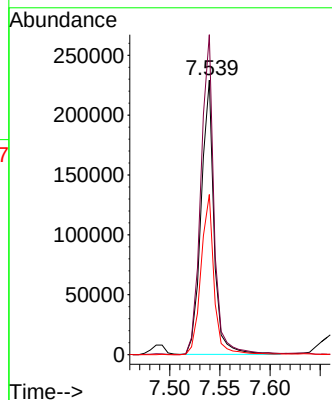
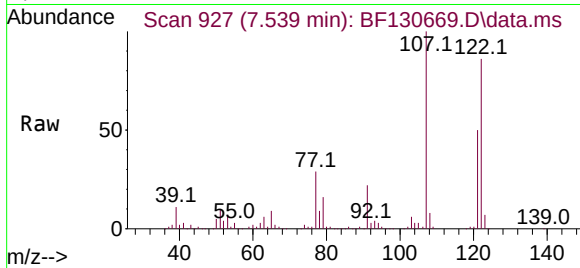
SB-04-COMPMSD

Tgt Ion:	122	Resp:	204705
Ion Ratio	Lower	Upper	
122	100		
107	116.6	94.9	142.3
121	58.4	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: 49.652 ng

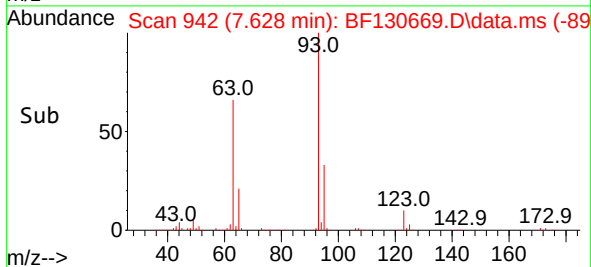
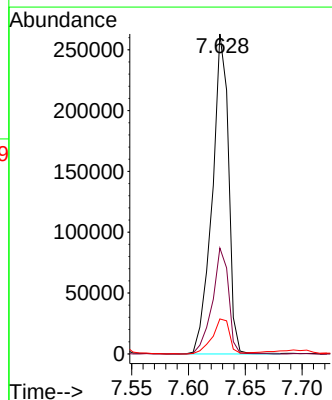
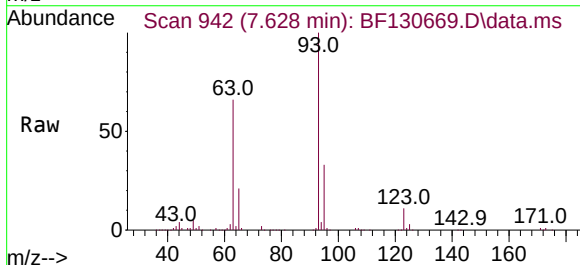
RT: 7.628 min Scan# 942

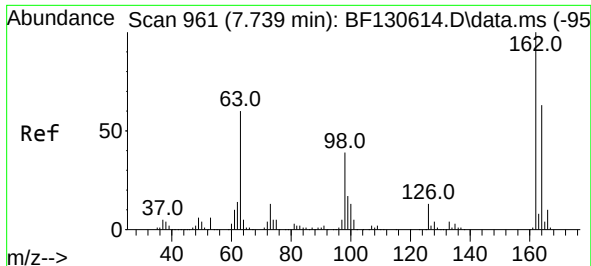
Delta R.T. -0.005 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

Tgt Ion:	93	Resp:	263095
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.4	39.6
123	10.9	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 47.183 ng

RT: 7.734 min Scan# 90

Delta R.T. -0.005 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

Tgt Ion:162 Resp: 199513

Ion Ratio Lower Upper

162 100

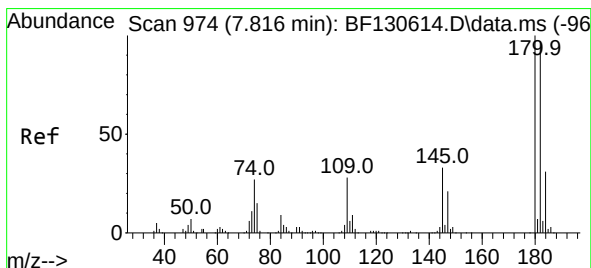
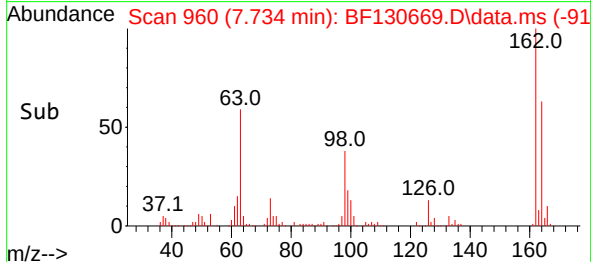
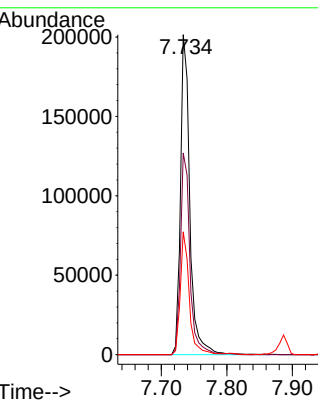
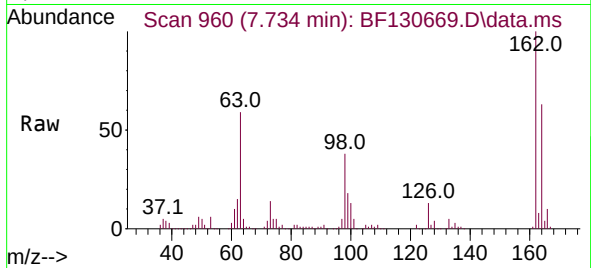
164 63.0 42.8 82.8

98 38.4 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: 46.769 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

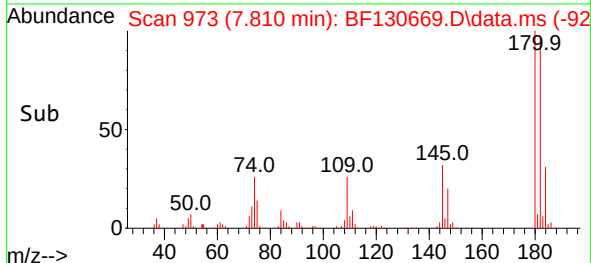
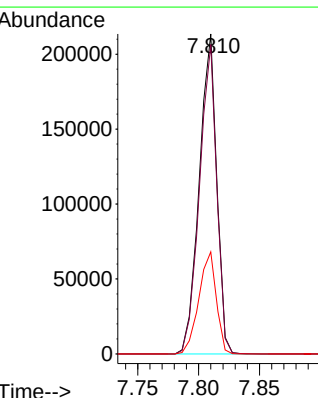
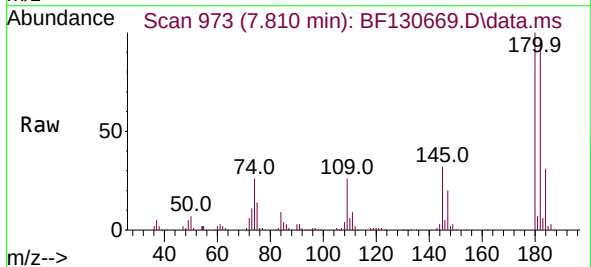
Tgt Ion:180 Resp: 213202

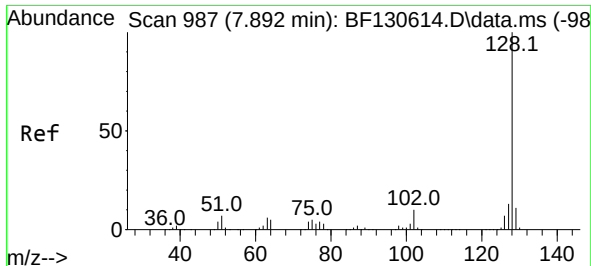
Ion Ratio Lower Upper

180 100

182 96.6 78.0 117.0

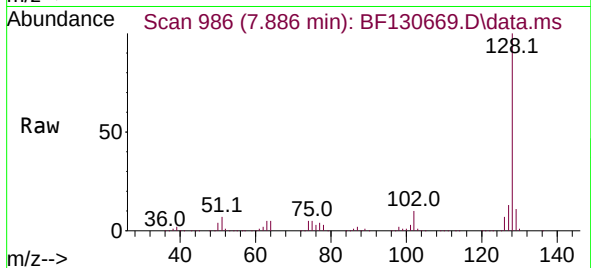
145 31.9 26.7 40.1





#31
Naphthalene
Concen: 44.725 ng
RT: 7.886 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

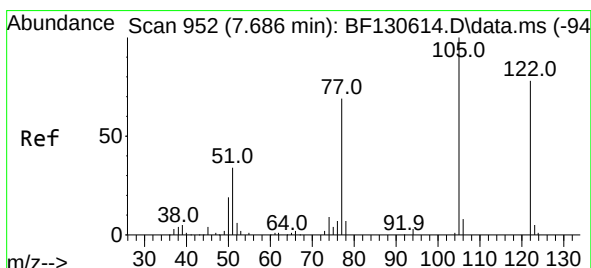
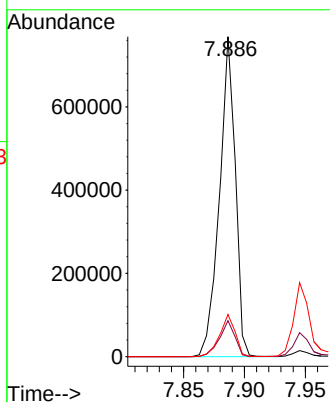
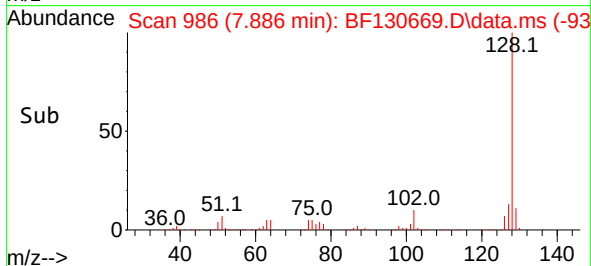
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



Tgt Ion:128 Resp: 694927
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.2 10.3 15.5

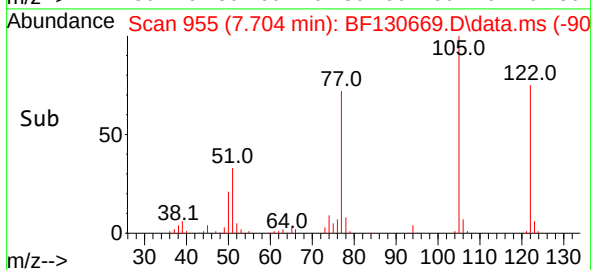
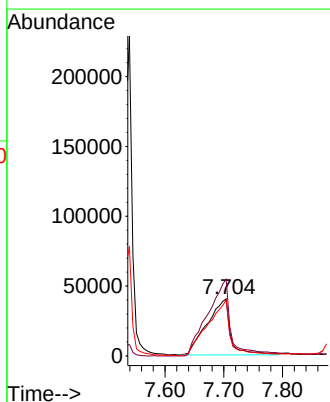
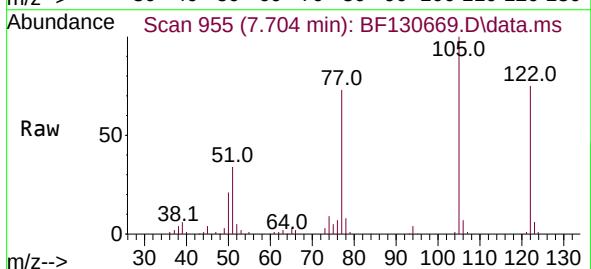
Manual Integrations
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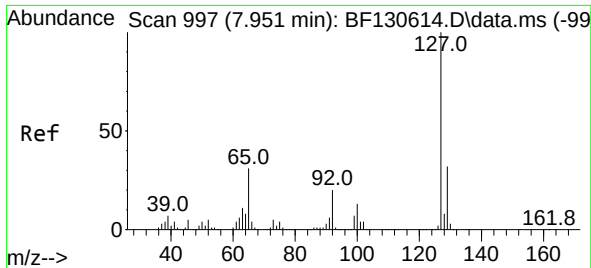
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#32
Benzoic acid
Concen: 46.582 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.018 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

Tgt Ion:122 Resp: 111376
Ion Ratio Lower Upper
122 100
105 134.0 104.8 144.8
77 97.8 68.2 108.2





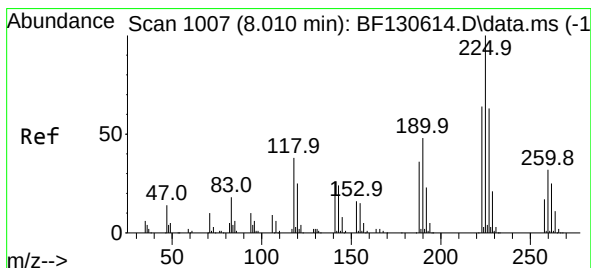
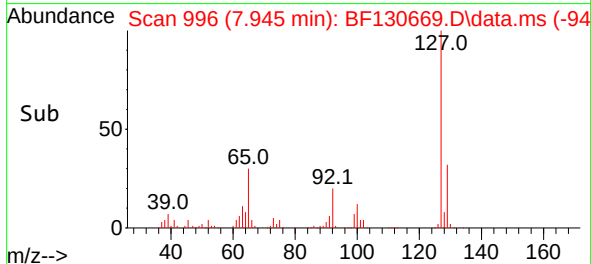
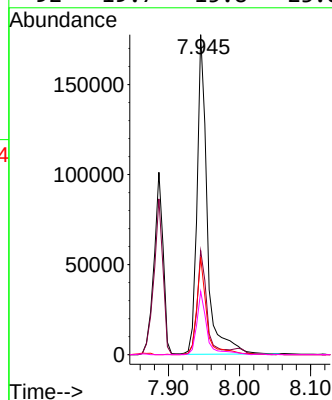
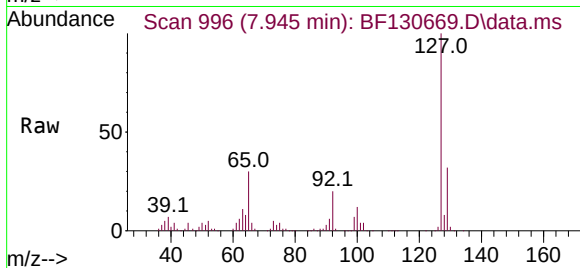
#33
4-Chloroaniline
Concen: 29.358 ng
RT: 7.945 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion:	127	Resp:	176702
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.7	38.5
65	30.4	24.7	37.1
92	19.7	15.8	23.8

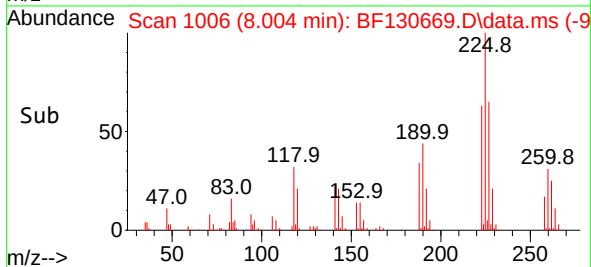
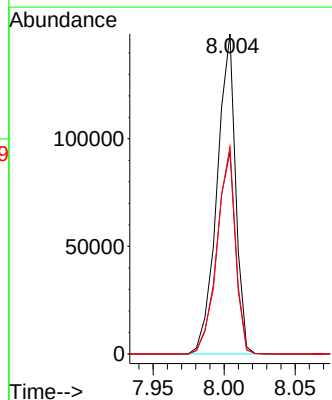
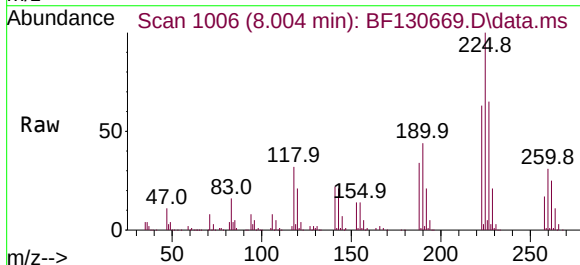
Manual Integrations
APPROVED

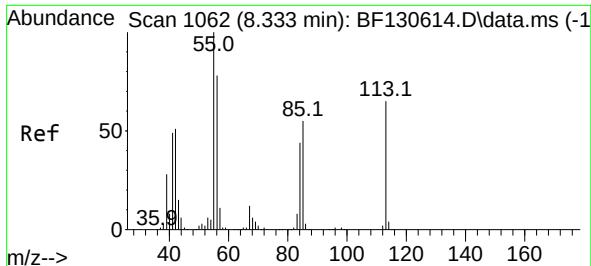
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#34
Hexachlorobutadiene
Concen: 47.904 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

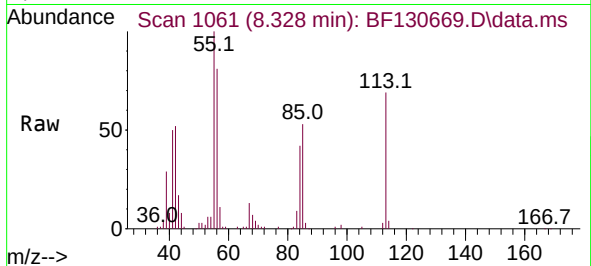
Tgt Ion:	225	Resp:	135538
Ion Ratio	Lower	Upper	
225	100		
223	63.0	51.5	77.3
227	64.7	50.4	75.6





#35
Caprolactam
Concen: 48.263 ng m
RT: 8.328 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

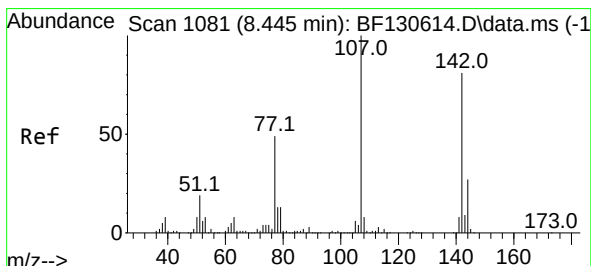
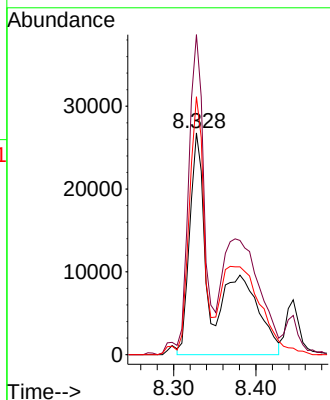
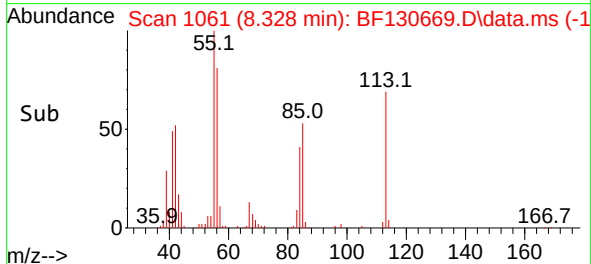
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



Tgt Ion:113 Resp: 61402
Ion Ratio Lower Upper
113 100
55 144.3 134.3 174.3
56 116.3 101.0 141.0

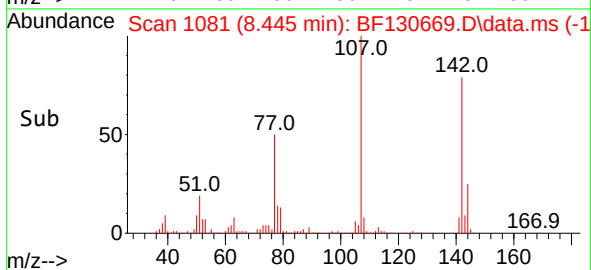
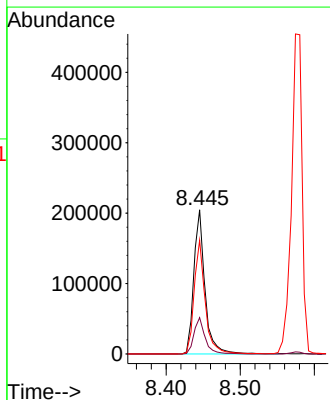
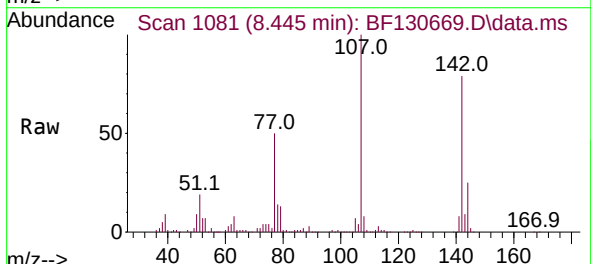
Manual Integrations
APPROVED

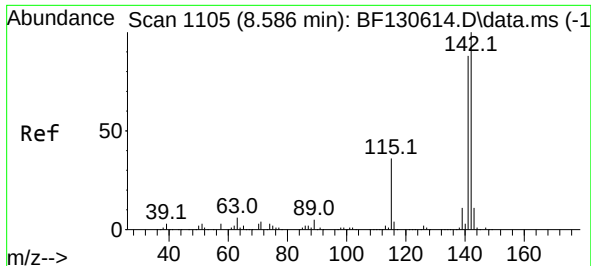
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#36
4-Chloro-3-methylphenol
Concen: 46.561 ng
RT: 8.445 min Scan# 1081
Delta R.T. 0.000 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

Tgt Ion:107 Resp: 213563
Ion Ratio Lower Upper
107 100
144 25.1 21.9 32.9
142 79.0 64.6 96.8





#37

2-Methylnaphthalene

Concen: 46.506 ng

RT: 8.575 min Scan# 1103

Delta R.T. -0.012 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

Tgt Ion:142 Resp: 454729

Ion Ratio Lower Upper

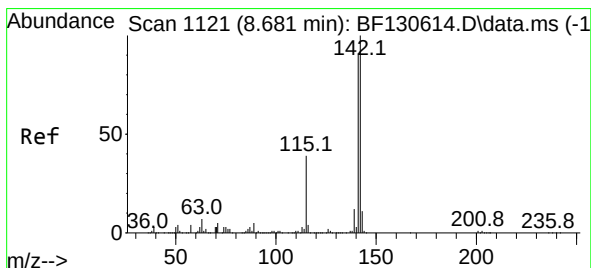
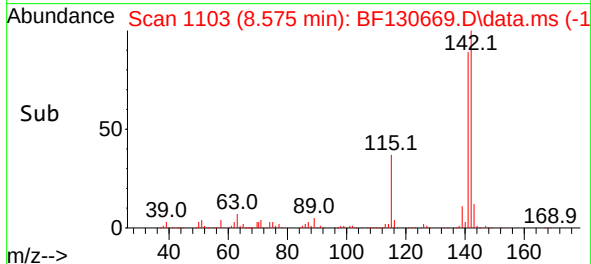
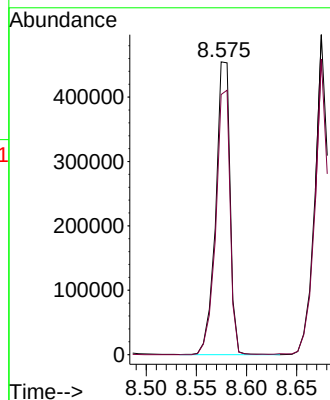
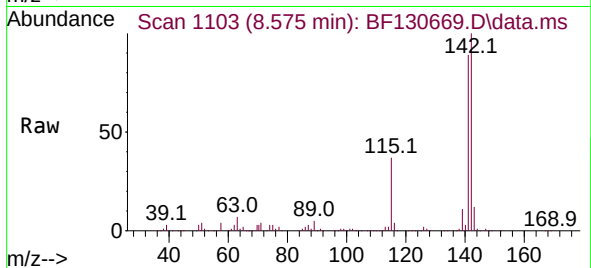
142 100

141 88.9 70.7 106.1

Manual Integrations

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



#38

1-Methylnaphthalene

Concen: 45.868 ng

RT: 8.675 min Scan# 1120

Delta R.T. -0.006 min

Lab File: BF130669.D

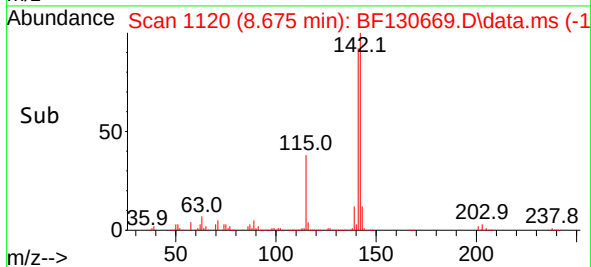
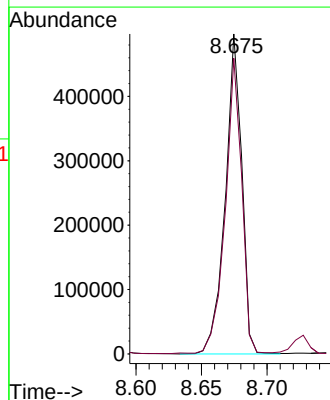
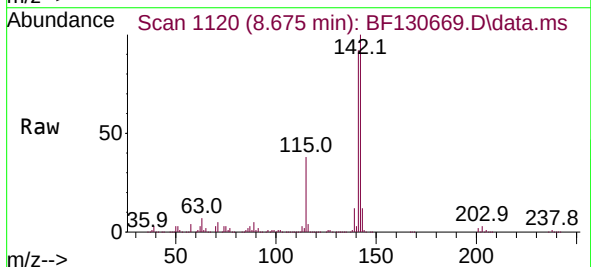
Acq: 14 Oct 2022 17:05

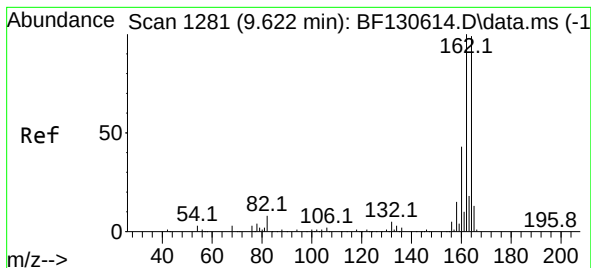
Tgt Ion:142 Resp: 435384

Ion Ratio Lower Upper

142 100

141 92.4 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BF130669.D

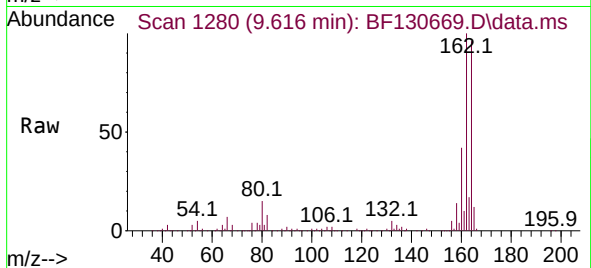
Acq: 14 Oct 2022 17:05

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD



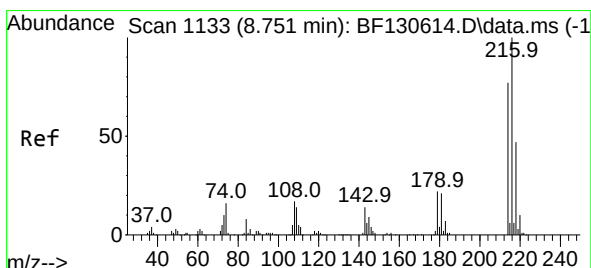
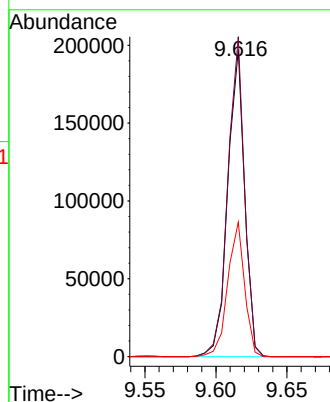
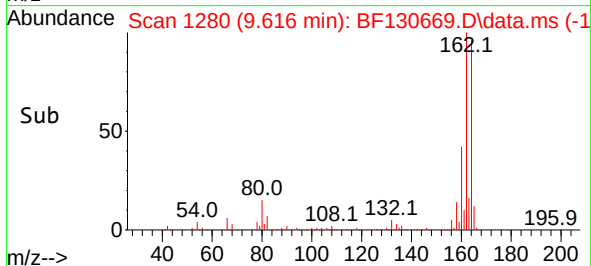
Tgt Ion:164 Resp: 163025

Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.0	121.4
160	43.8	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

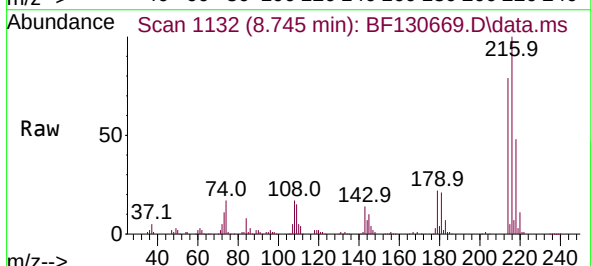
Concen: 48.984 ng

RT: 8.745 min Scan# 1132

Delta R.T. -0.006 min

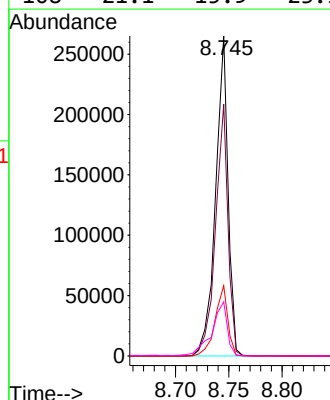
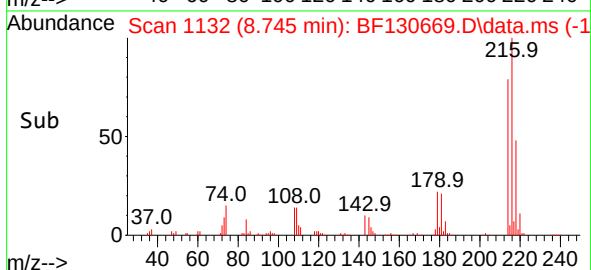
Lab File: BF130669.D

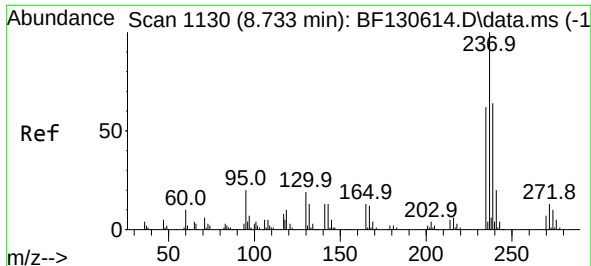
Acq: 14 Oct 2022 17:05



Tgt Ion:216 Resp: 216661

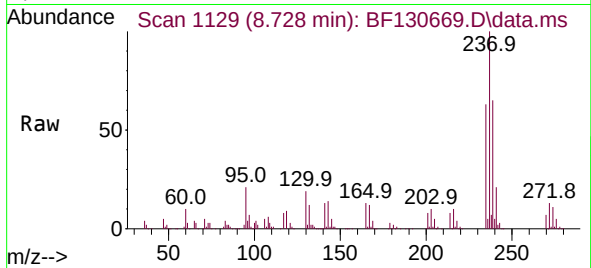
Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.1	93.1
179	22.2	18.6	27.8
108	21.1	15.9	23.9





#41
Hexachlorocyclopentadiene
Concen: 104.445 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.005 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

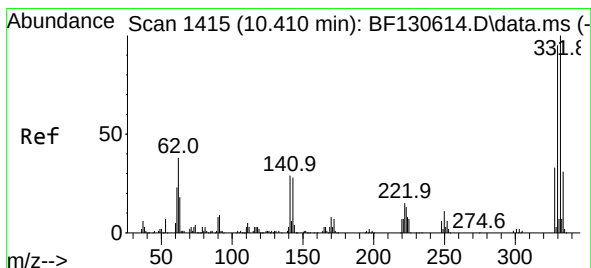
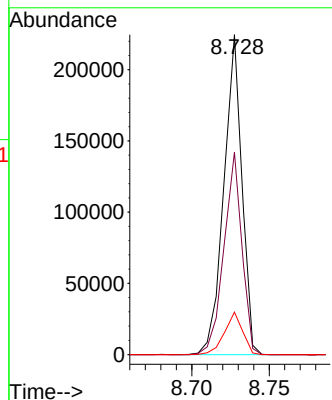
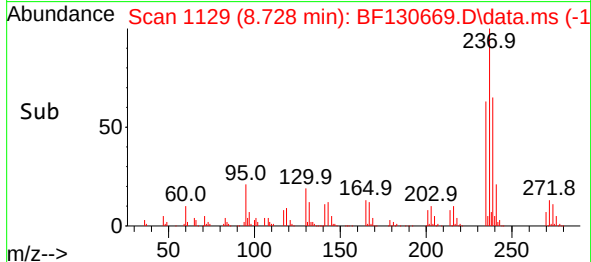
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



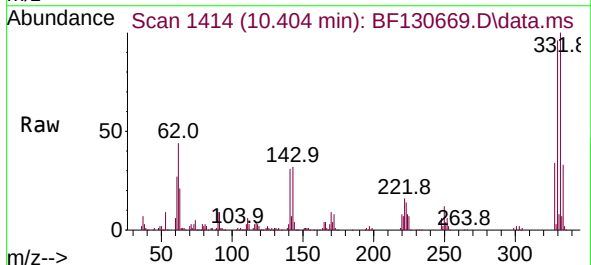
Tgt Ion:237 Resp: 182442
Ion Ratio Lower Upper
237 100
235 63.3 42.2 82.2
272 13.3 0.0 32.6

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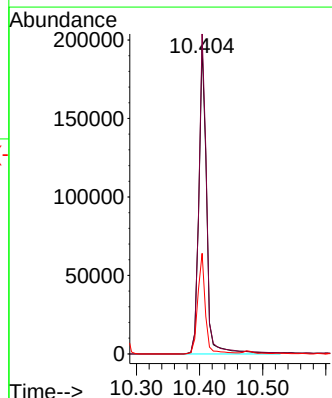
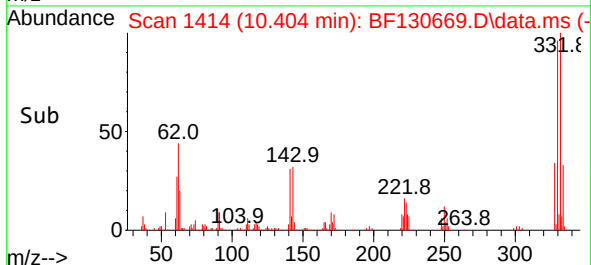
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

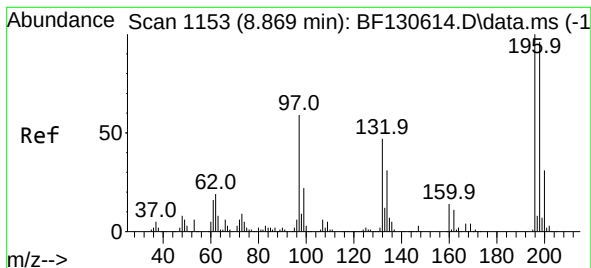


#42
2,4,6-Tribromophenol
Concen: 106.012 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05



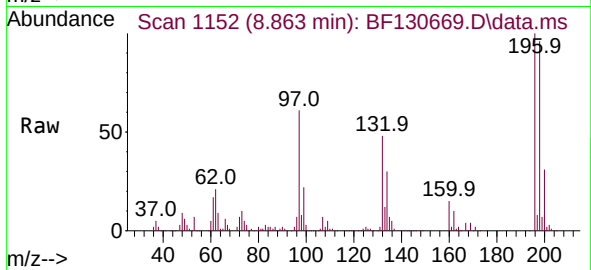
Tgt Ion:330 Resp: 169109
Ion Ratio Lower Upper
330 100
332 103.9 84.2 126.4
141 31.9 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 46.181 ng
RT: 8.863 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

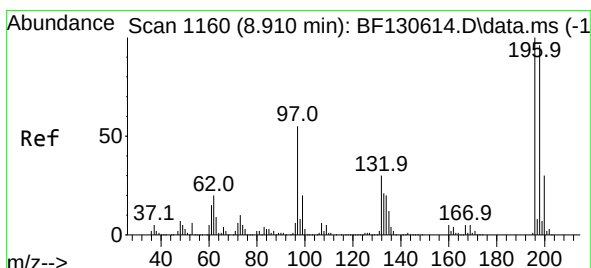
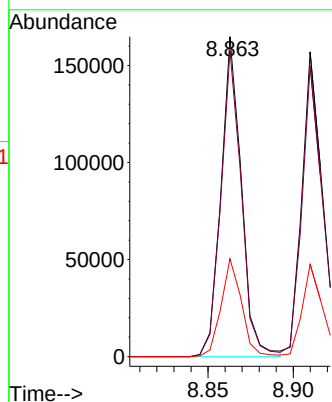
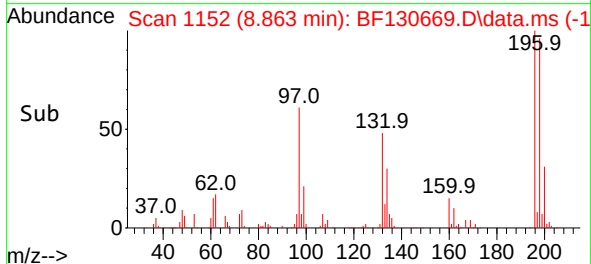
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



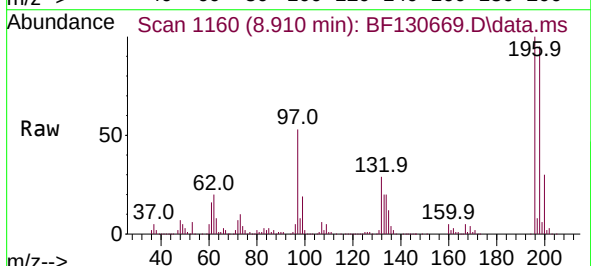
Tgt Ion:196 Resp: 13715
Ion Ratio Lower Upper
196 100
198 95.7 76.6 115.0
200 30.6 25.0 37.6

Manual Integrations
APPROVED

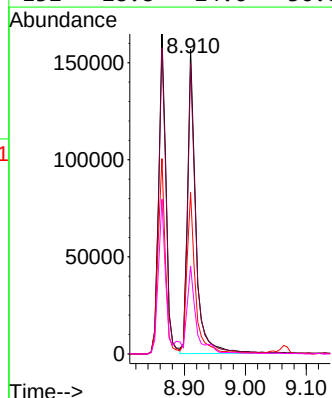
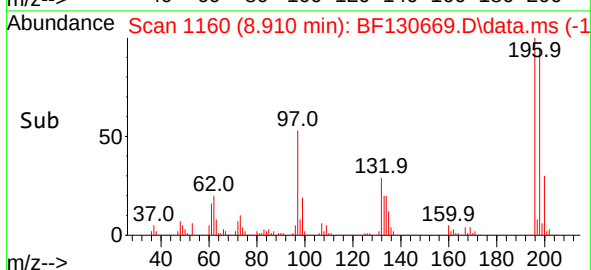
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

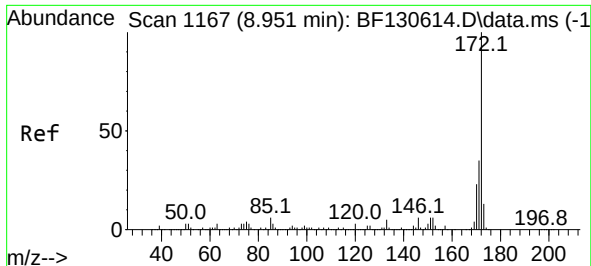


#44
2,4,5-Trichlorophenol
Concen: 45.645 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05



Tgt Ion:196 Resp: 149075
Ion Ratio Lower Upper
196 100
198 95.5 76.6 114.8
97 53.0 44.3 66.5
132 28.8 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 56.956 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130669.D

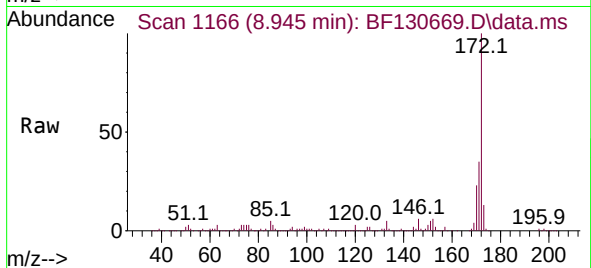
Acq: 14 Oct 2022 17:05

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD



Tgt Ion:172 Resp: 612991

Ion Ratio Lower Upper

172 100

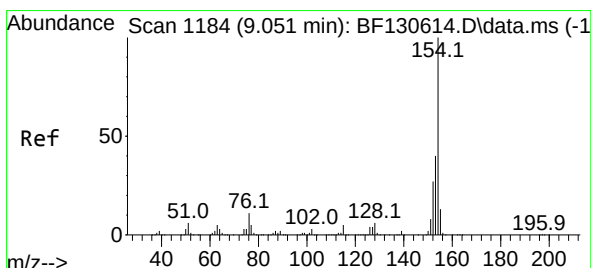
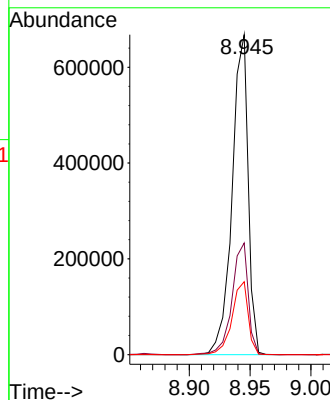
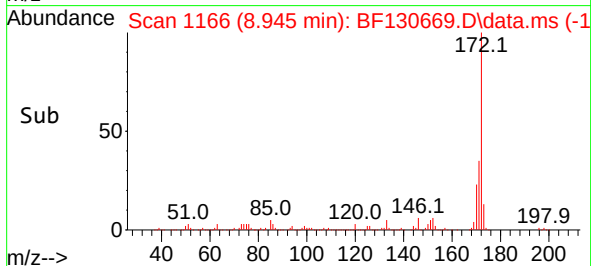
171 34.9 27.8 41.8

170 22.8 18.6 27.8

Manual Integrations

APPROVED

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



#46

1,1'-Biphenyl

Concen: 47.948 ng

RT: 9.045 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

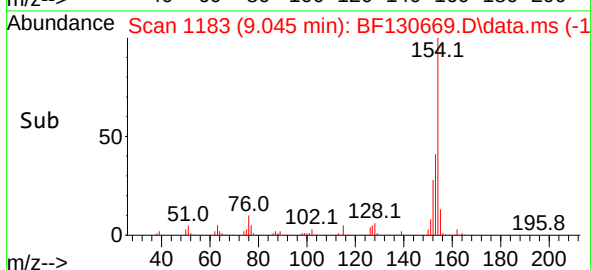
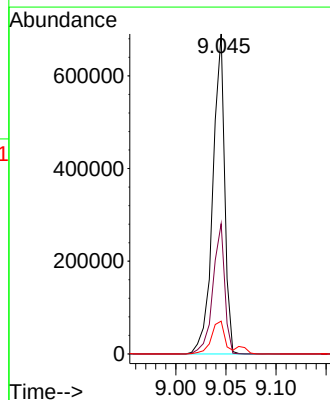
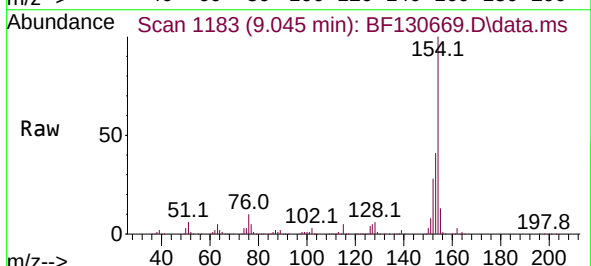
Tgt Ion:154 Resp: 566491

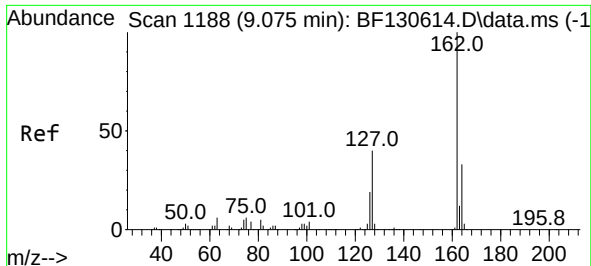
Ion Ratio Lower Upper

154 100

153 40.7 20.0 60.0

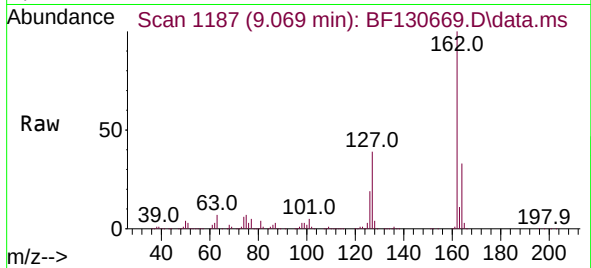
76 10.2 0.0 30.8





#47
2-Chloronaphthalene
Concen: 46.022 ng
RT: 9.069 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

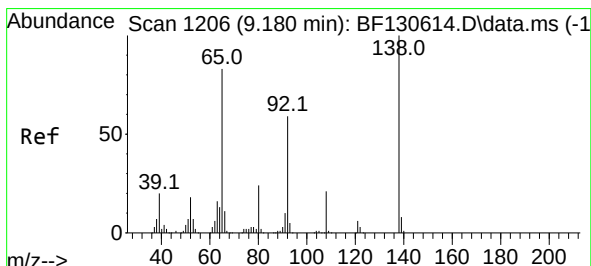
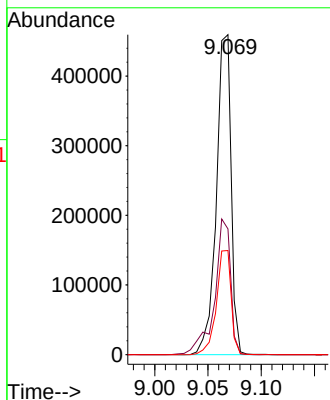
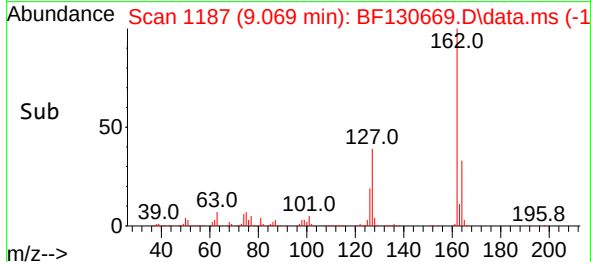
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



Tgt Ion:162 Resp: 444393
Ion Ratio Lower Upper
162 100
127 39.3 32.6 49.0
164 32.5 26.3 39.5

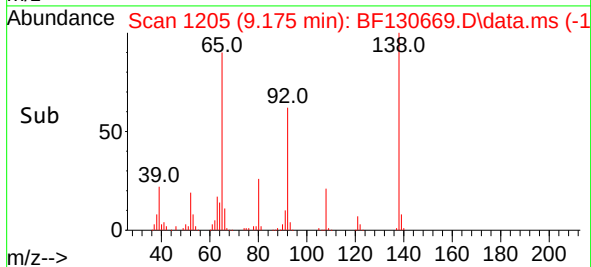
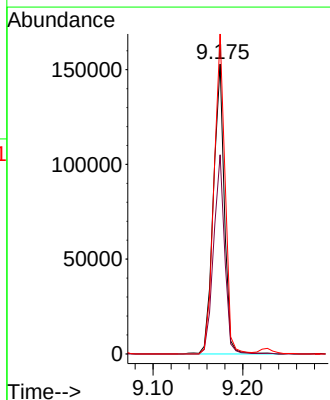
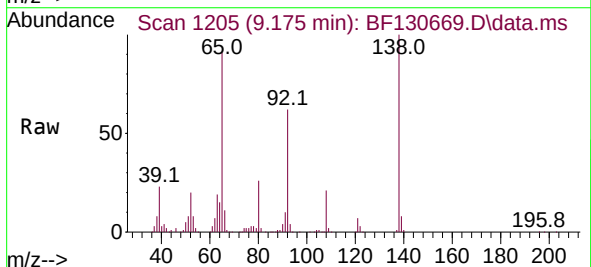
Manual Integrations
APPROVED

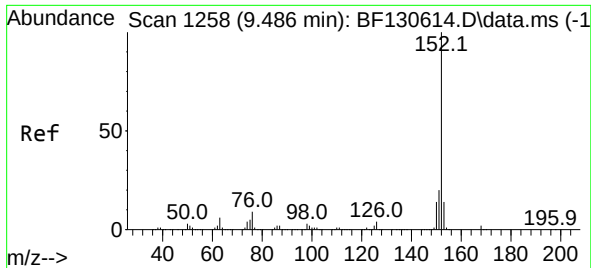
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#48
2-Nitroaniline
Concen: 44.783 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.005 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

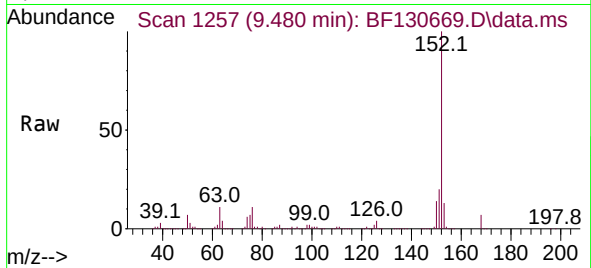
Tgt Ion: 65 Resp: 130173
Ion Ratio Lower Upper
65 100
92 68.7 57.4 86.0
138 110.4 96.7 145.1





#49
Acenaphthylene
Concen: 45.809 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

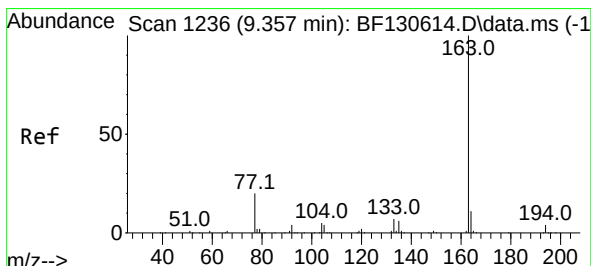
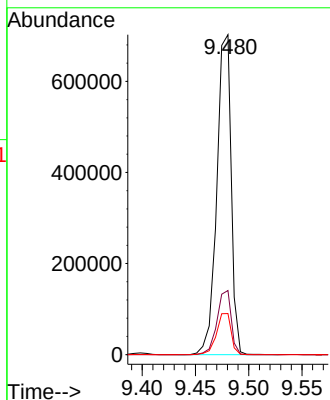
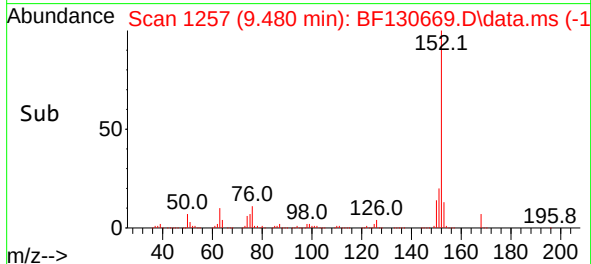
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



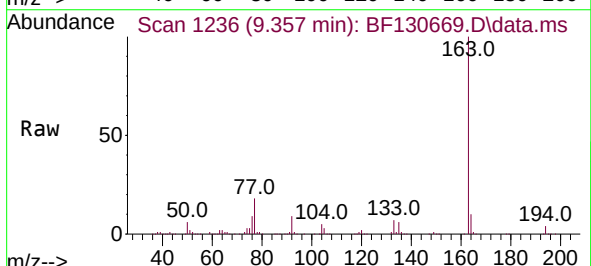
Tgt Ion:152 Resp: 662772
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 12.8 10.8 16.2

Manual Integrations
APPROVED

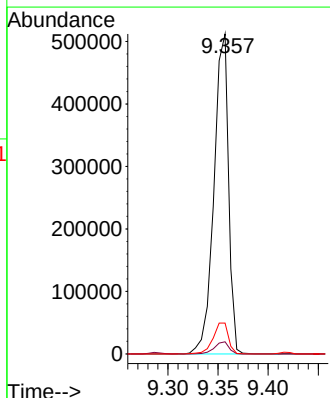
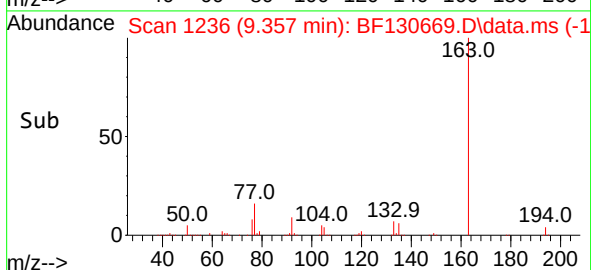
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

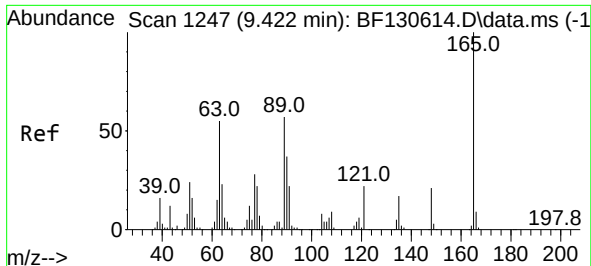


#50
Dimethylphthalate
Concen: 46.080 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05



Tgt Ion:163 Resp: 520017
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.7 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 47.366 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

Tgt Ion:165 Resp: 117253

Ion Ratio Lower Upper

165 100

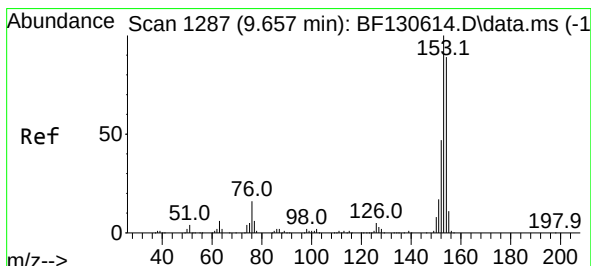
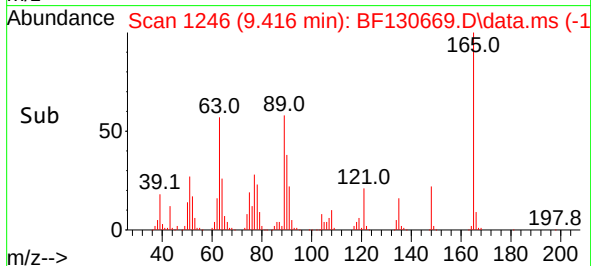
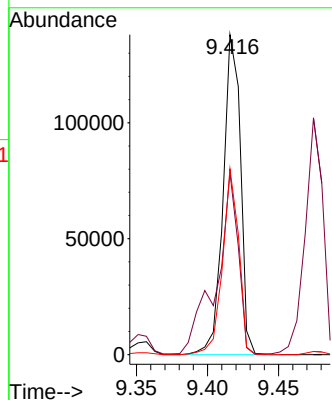
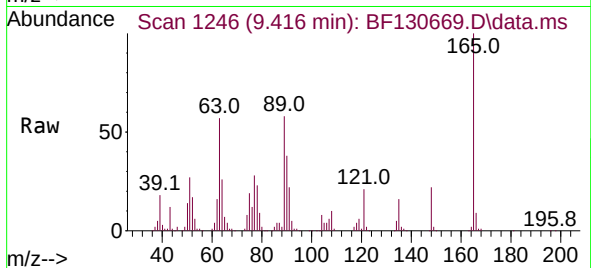
63 56.8 45.3 67.9

89 58.1 45.6 68.4

Manual Integrations

APPROVED

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



#52

Acenaphthene

Concen: 45.158 ng

RT: 9.651 min Scan# 1286

Delta R.T. -0.006 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

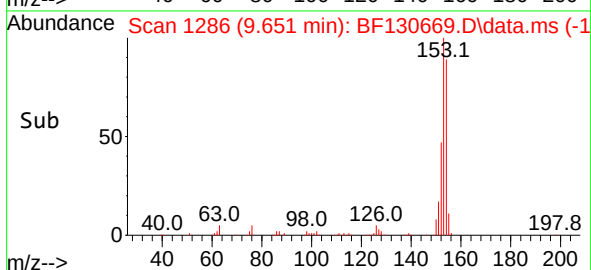
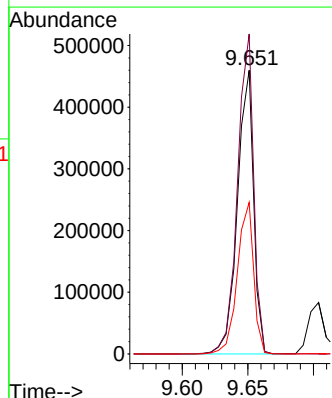
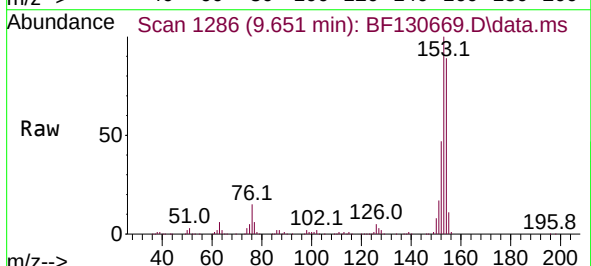
Tgt Ion:154 Resp: 395842

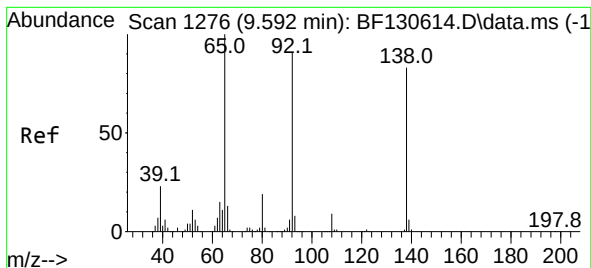
Ion Ratio Lower Upper

154 100

153 112.8 89.6 134.4

152 53.4 42.4 63.6





#53

3-Nitroaniline

Concen: 32.231 ng

RT: 9.586 min Scan# 1275

Delta R.T. -0.006 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

Instrument :

BNA_F

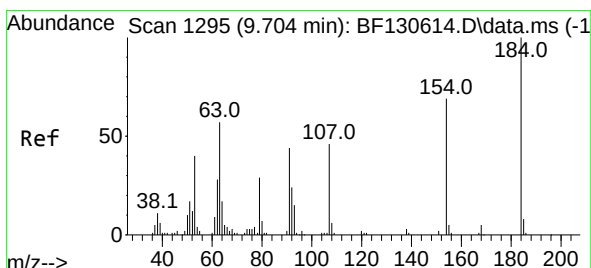
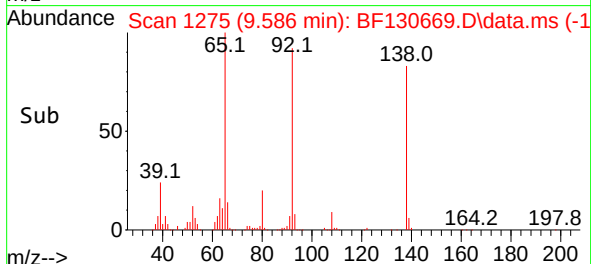
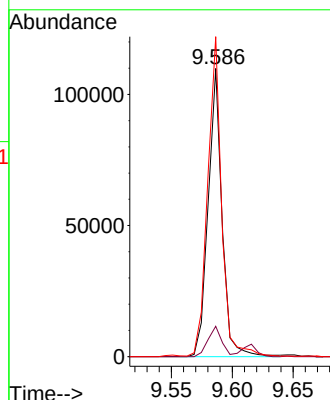
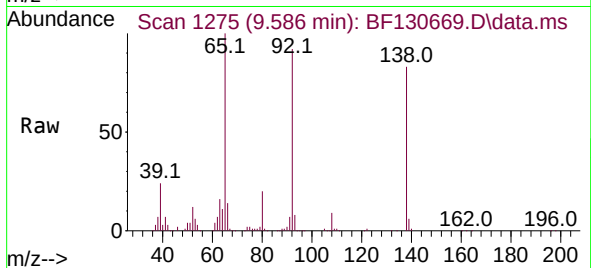
ClientSampleId :

SB-04-COMPMSD

Tgt Ion:138 Resp: 87459
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.4 12.6
 92 111.1 88.2 132.4

Manual Integrations
 APPROVED

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



#54

2,4-Dinitrophenol

Concen: 90.953 ng

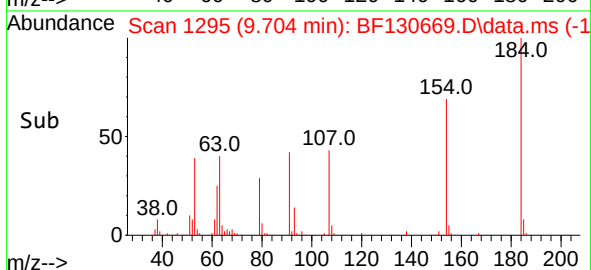
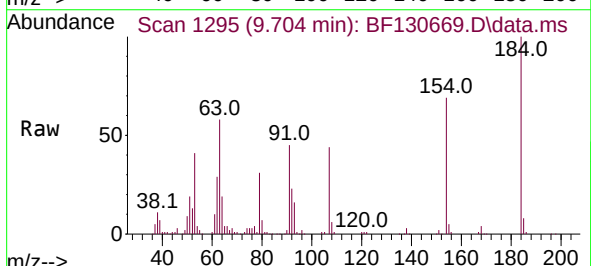
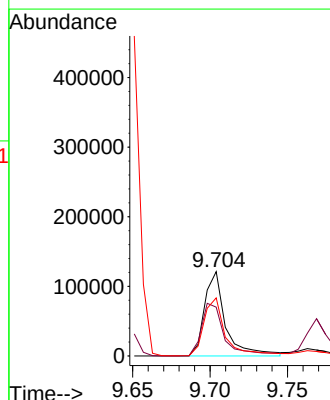
RT: 9.704 min Scan# 1295

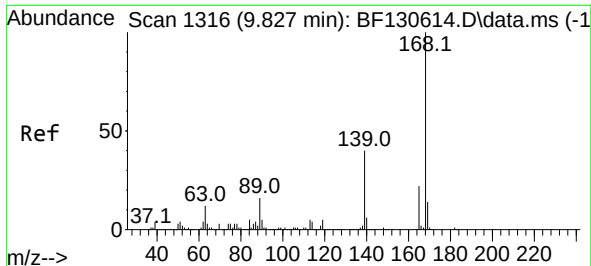
Delta R.T. -0.000 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

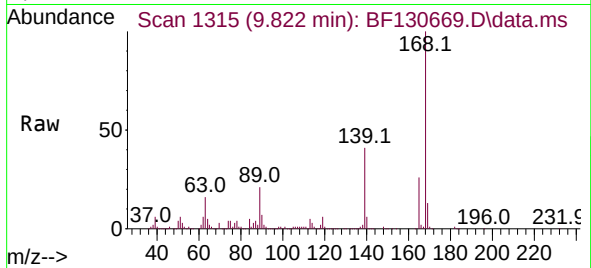
Tgt Ion:184 Resp: 115645
 Ion Ratio Lower Upper
 184 100
 63 57.9 45.5 68.3
 154 69.0 55.1 82.7





#55
Dibenzofuran
Concen: 46.093 ng
RT: 9.822 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

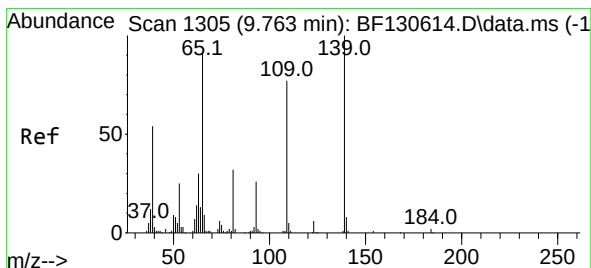
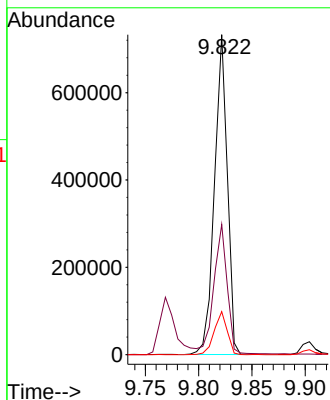
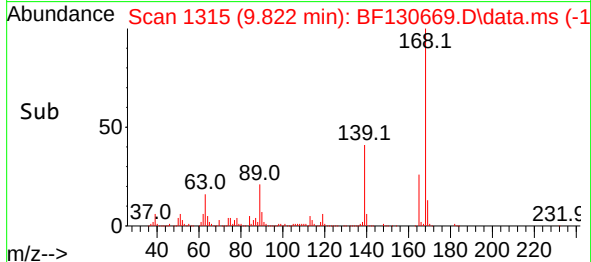
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



Tgt Ion:168 Resp: 615515
Ion Ratio Lower Upper
168 100
139 40.7 33.0 49.4
169 13.4 10.9 16.3

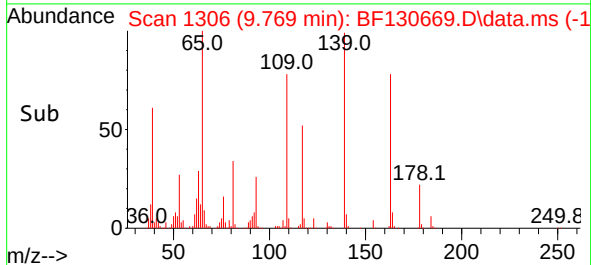
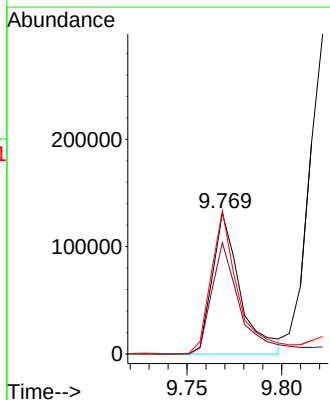
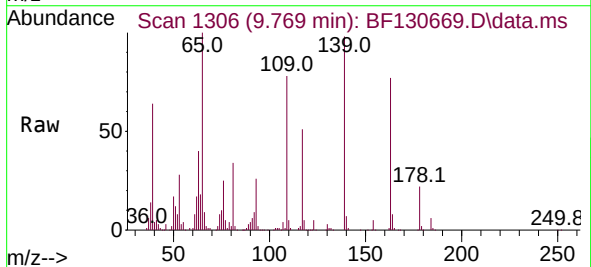
Manual Integrations
APPROVED

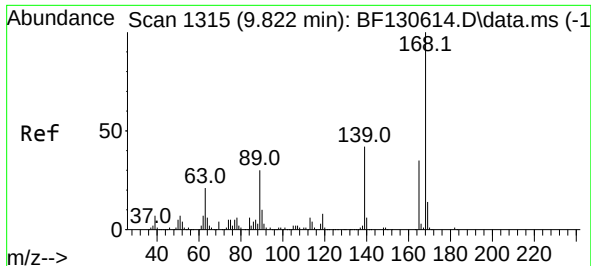
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#56
4-Nitrophenol
Concen: 89.982 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

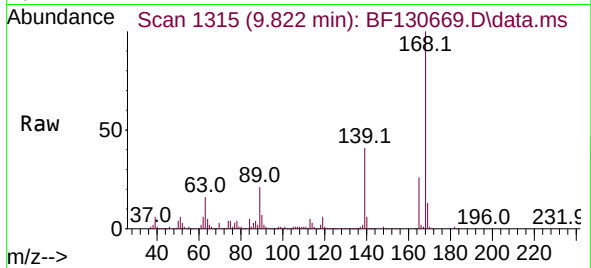
Tgt Ion:139 Resp: 134627
Ion Ratio Lower Upper
139 100
109 79.0 57.4 97.4
65 101.6 71.3 111.3





#57
2,4-Dinitrotoluene
Concen: 48.562 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

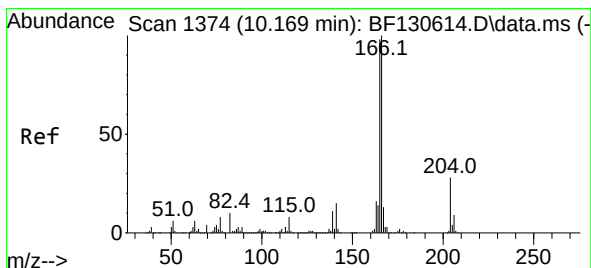
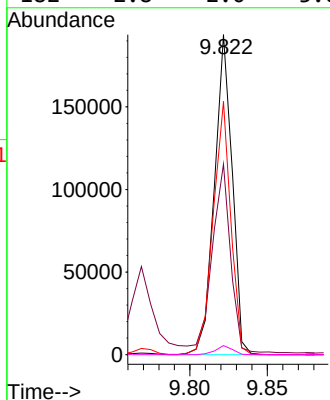
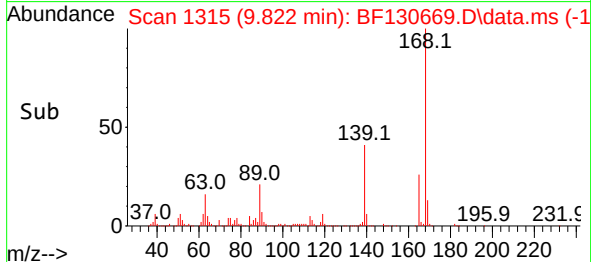
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



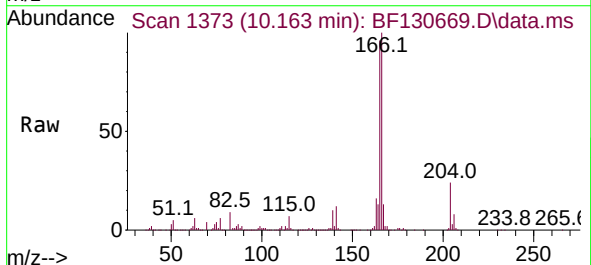
Tgt Ion:165 Resp: 154498
Ion Ratio Lower Upper
165 100
63 59.5 50.6 76.0
89 79.1 68.6 102.8
182 2.8 2.0 3.0

Manual Integrations
APPROVED

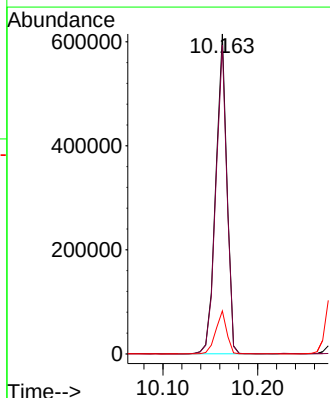
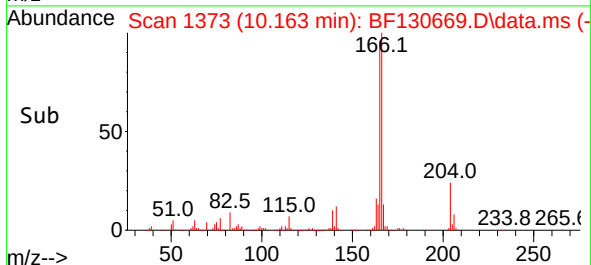
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

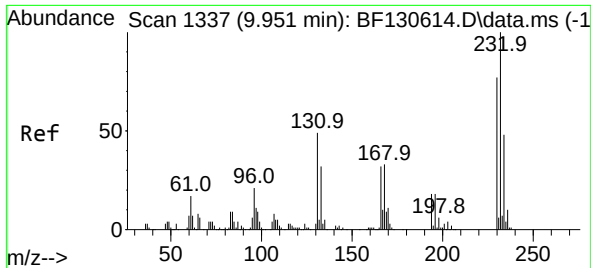


#58
Fluorene
Concen: 45.663 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05



Tgt Ion:166 Resp: 501308
Ion Ratio Lower Upper
166 100
165 96.4 78.2 117.4
167 13.4 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.204 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD

Tgt Ion:232 Resp: 117702

Ion Ratio Lower Upper

232 100

131 49.2 41.4 62.0

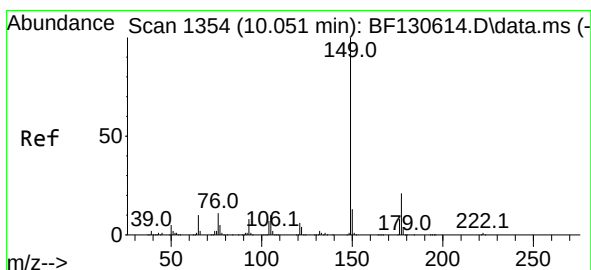
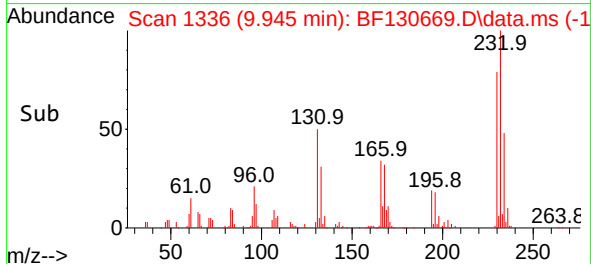
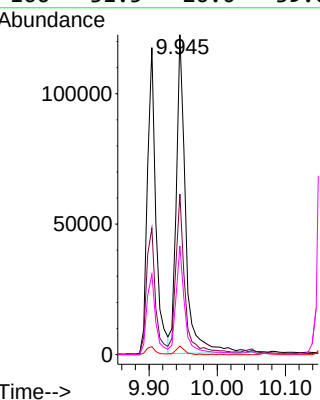
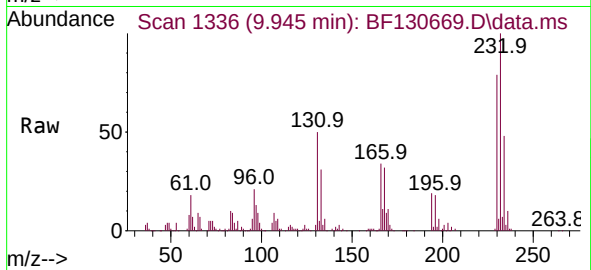
130 2.6 2.1 3.1

166 31.5 26.0 39.0

Manual Integrations

APPROVED

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



#60

Diethylphthalate

Concen: 44.465 ng

RT: 10.051 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

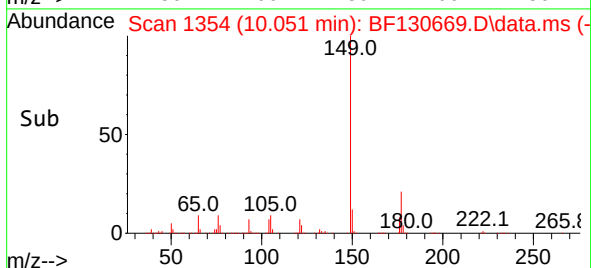
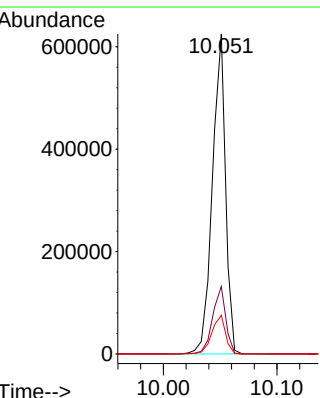
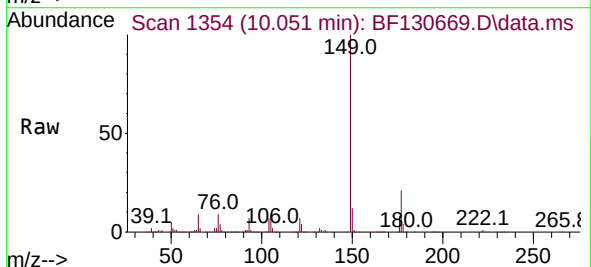
Tgt Ion:149 Resp: 500660

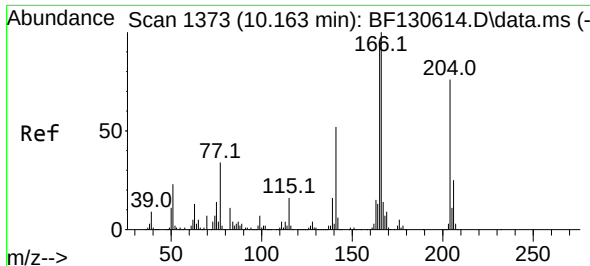
Ion Ratio Lower Upper

149 100

177 21.1 16.7 25.1

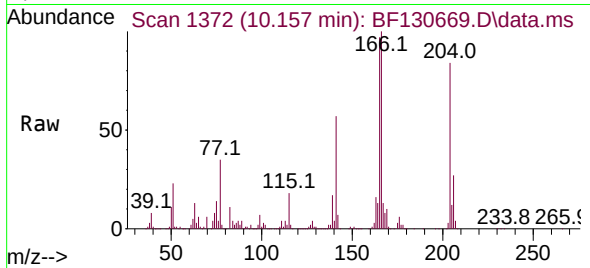
150 12.1 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 47.381 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

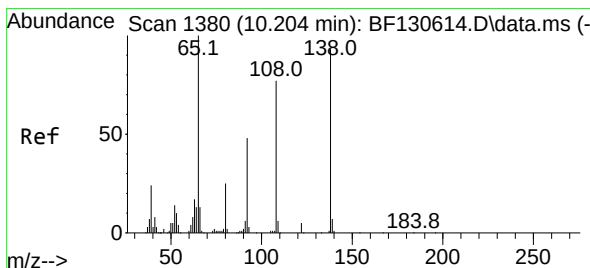
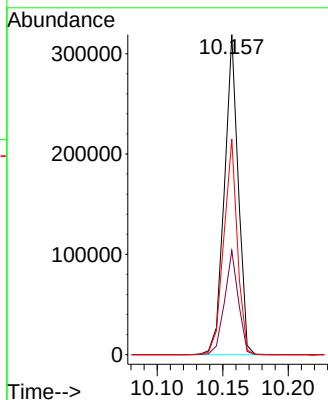
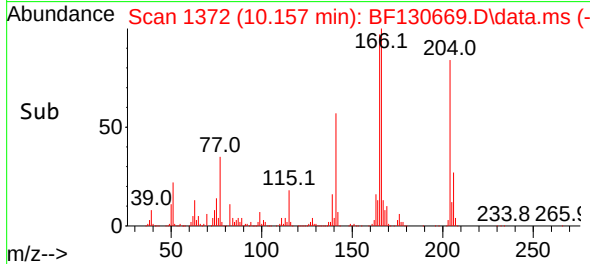
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



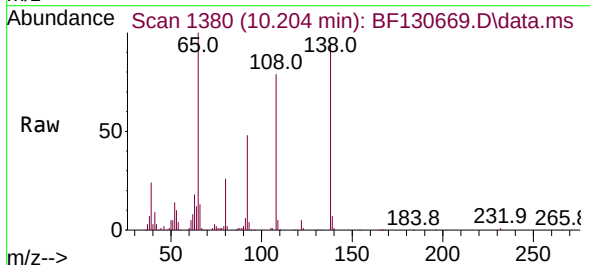
Tgt Ion:204 Resp: 23517
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 67.3 54.6 81.8

Manual Integrations
APPROVED

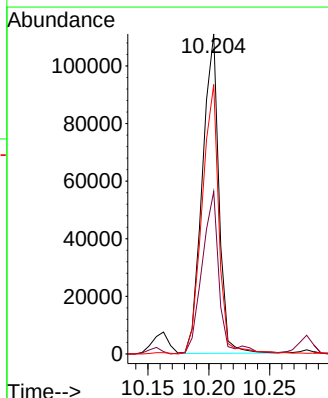
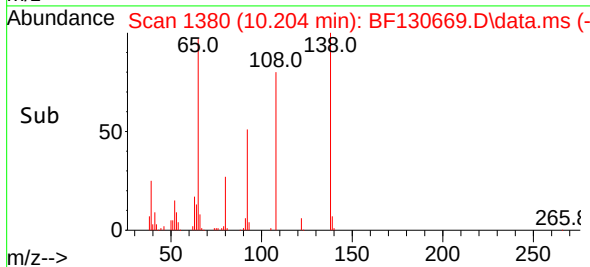
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

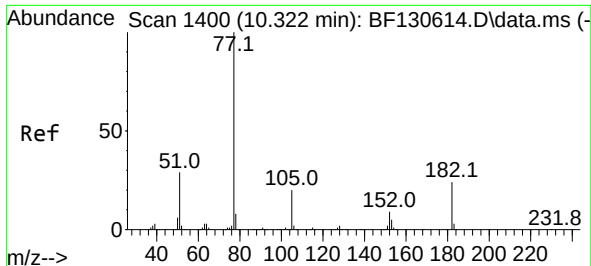


#62
4-Nitroaniline
Concen: 40.527 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05



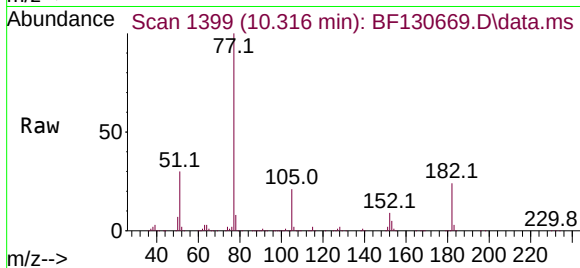
Tgt Ion:138 Resp: 104994
Ion Ratio Lower Upper
138 100
92 50.7 31.1 71.1
108 84.2 62.1 102.1





#63
Azobenzene
Concen: 42.520 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

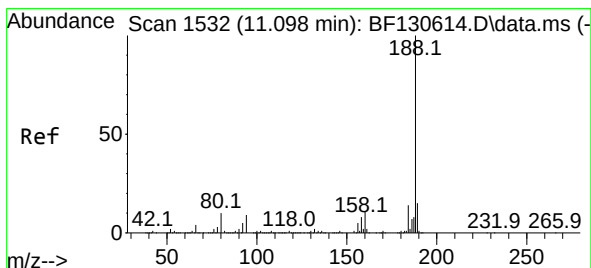
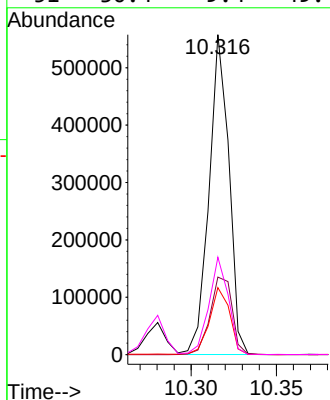
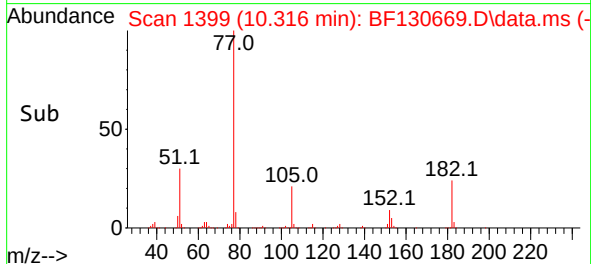
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



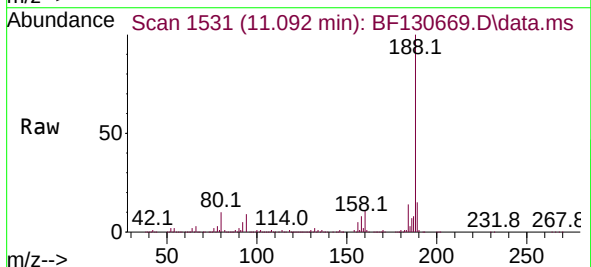
Tgt Ion: 77 Resp: 450925
Ion Ratio Lower Upper
77 100
182 24.2 3.8 43.8
105 20.9 0.3 40.3
51 30.4 9.4 49.4

Manual Integrations
APPROVED

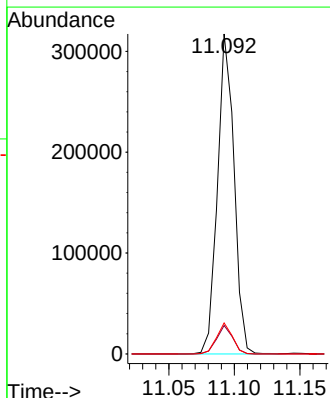
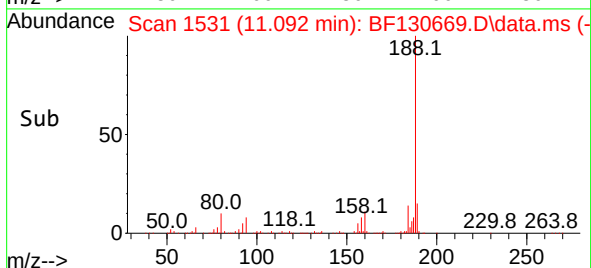
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

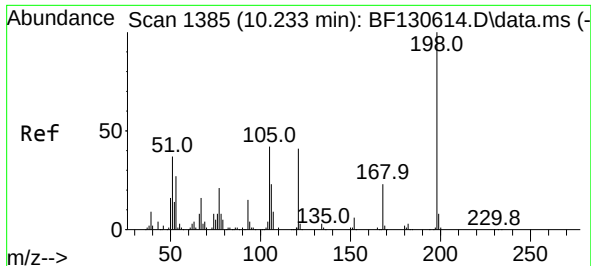


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05



Tgt Ion:188 Resp: 279074
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.7 8.0 12.0





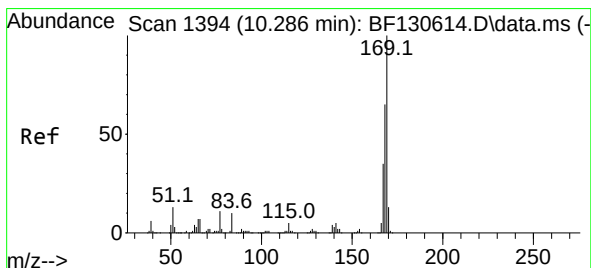
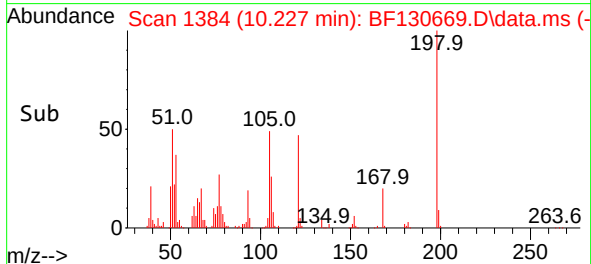
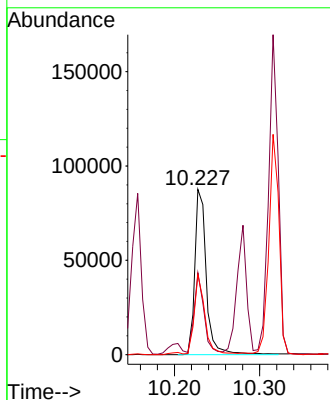
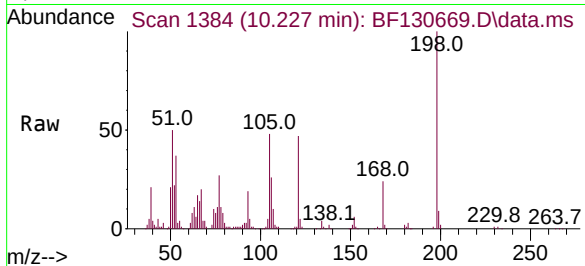
#65
4,6-Dinitro-2-methylphenol
Concen: 47.194 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Tgt Ion:198 Resp: 82307
Ion Ratio Lower Upper
198 100
51 49.6 18.7 58.7
105 48.3 22.0 62.0

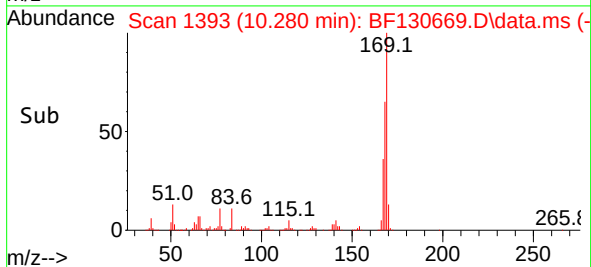
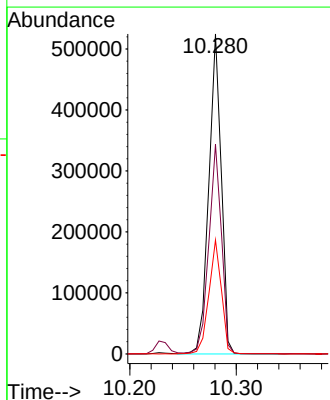
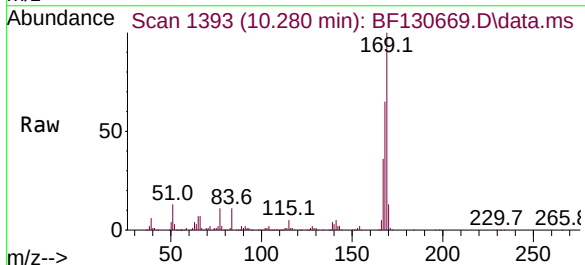
Manual Integrations
APPROVED

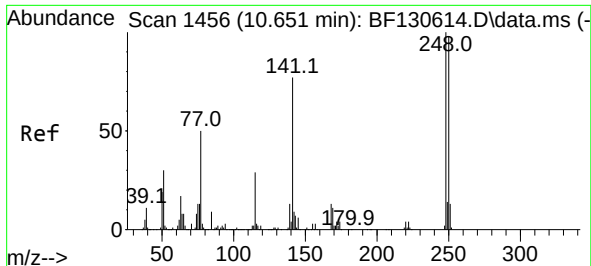
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#66
n-Nitrosodiphenylamine
Concen: 45.923 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

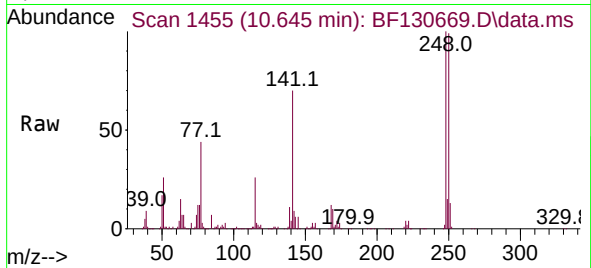
Tgt Ion:169 Resp: 426310
Ion Ratio Lower Upper
169 100
168 65.5 52.2 78.4
167 35.6 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 48.075 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

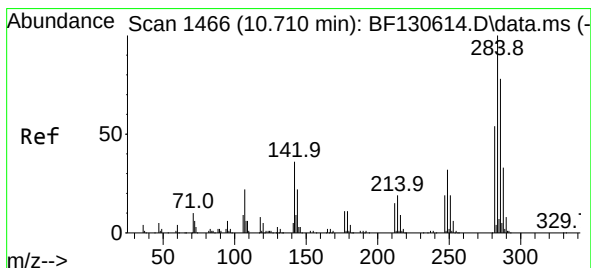
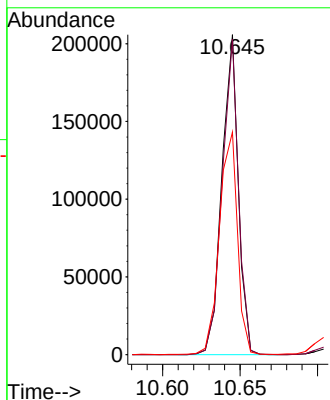
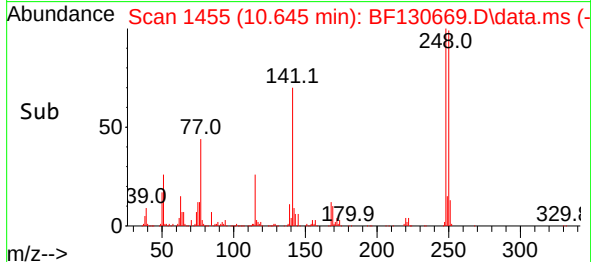
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



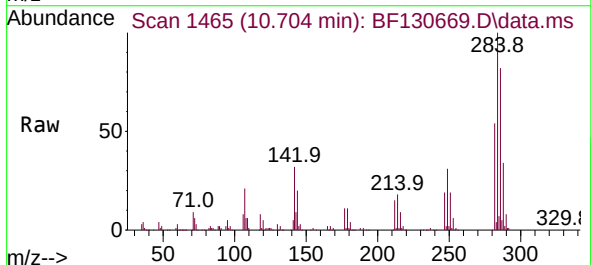
Tgt Ion:248 Resp: 151807
Ion Ratio Lower Upper
248 100
250 98.6 78.7 118.1
141 69.5 61.6 92.4

Manual Integrations
APPROVED

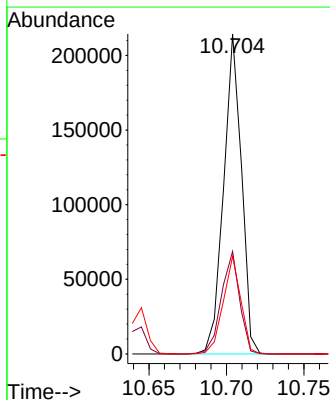
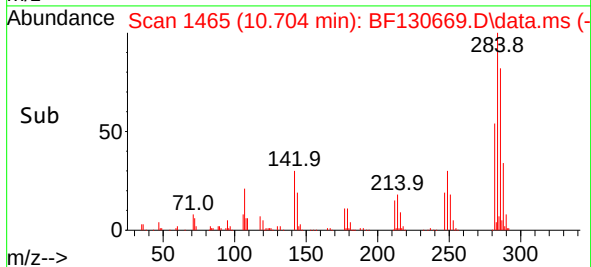
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

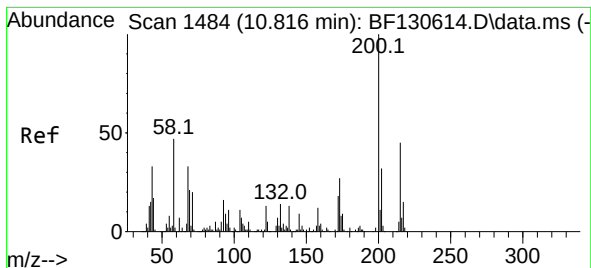


#68
Hexachlorobenzene
Concen: 48.319 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05



Tgt Ion:284 Resp: 172478
Ion Ratio Lower Upper
284 100
142 32.0 28.6 42.8
249 30.5 25.2 37.8





#69

Atrazine

Concen: 53.863 ng

RT: 10.816 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF130669.D

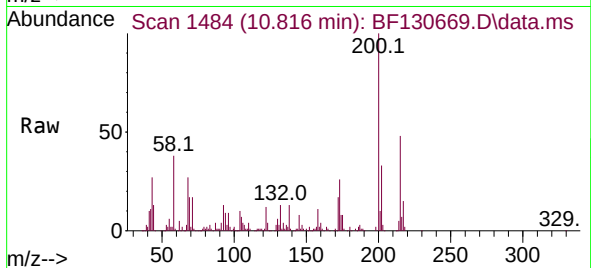
Acq: 14 Oct 2022 17:05

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD



Tgt Ion:200 Resp: 136158

Ion Ratio Lower Upper

200 100

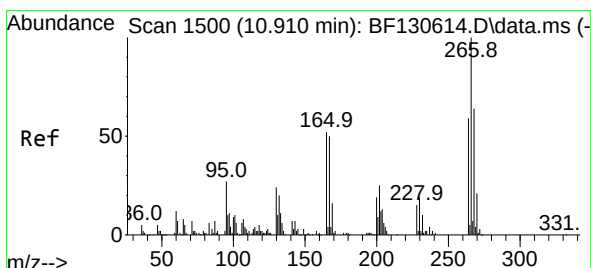
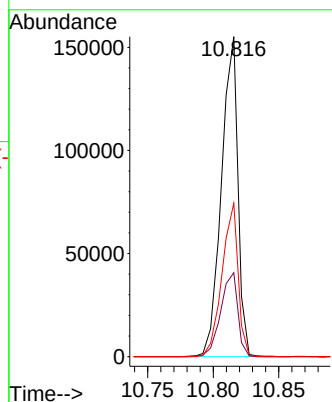
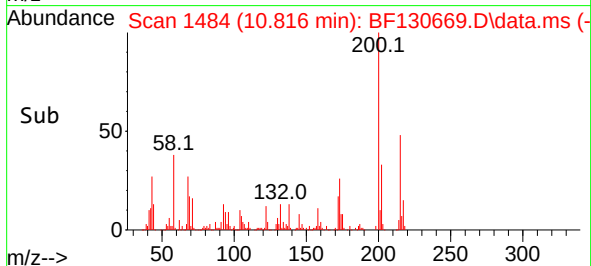
173 26.2 7.1 47.1

215 47.9 24.9 64.9

Manual Integrations

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



#70

Pentachlorophenol

Concen: 96.543 ng

RT: 10.910 min Scan# 1500

Delta R.T. -0.000 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

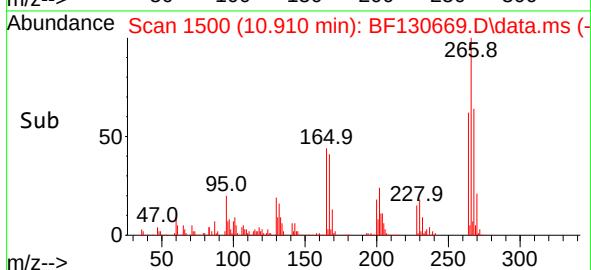
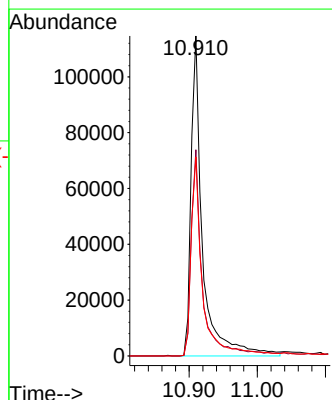
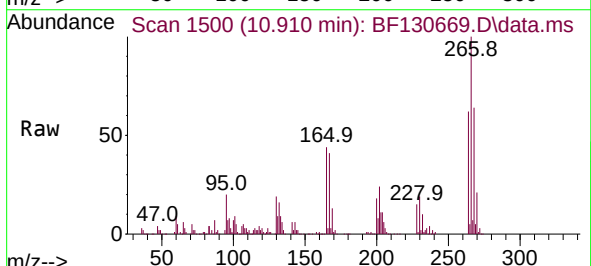
Tgt Ion:266 Resp: 134124

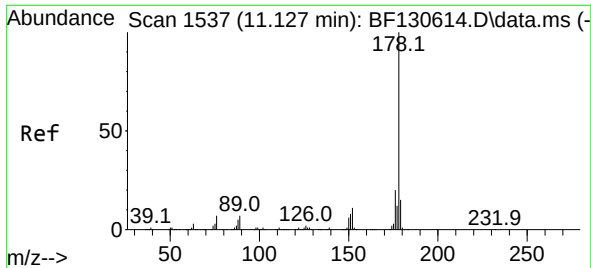
Ion Ratio Lower Upper

266 100

268 64.4 50.8 76.2

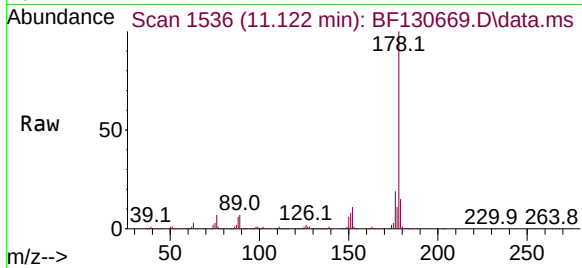
264 62.2 47.5 71.3





#71
Phenanthrene
Concen: 45.130 ng
RT: 11.122 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

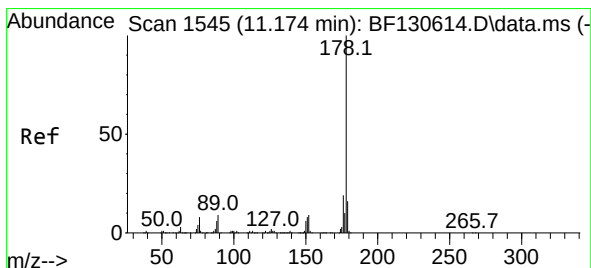
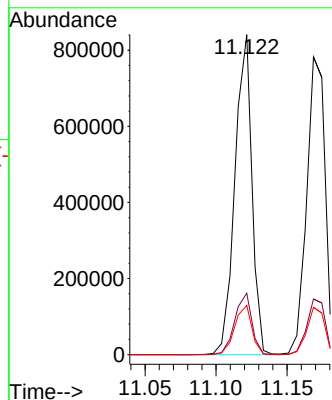
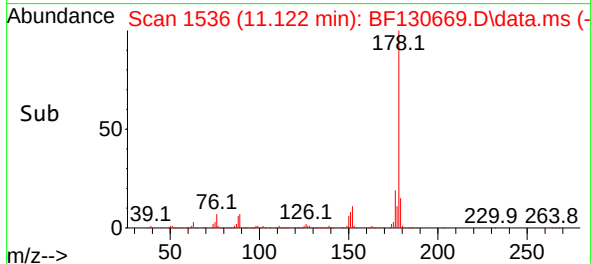
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



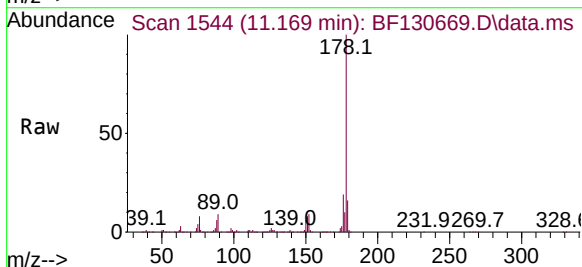
Tgt Ion:178 Resp: 697792
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.4 12.2 18.4

Manual Integrations
APPROVED

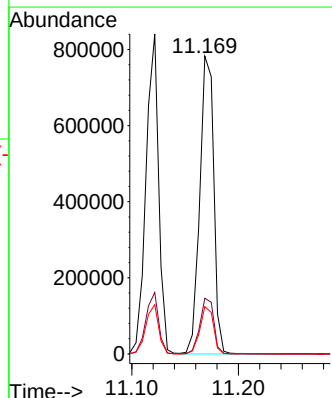
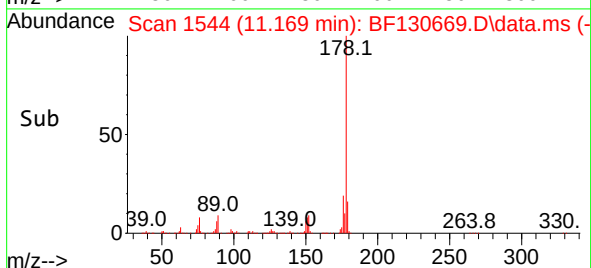
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

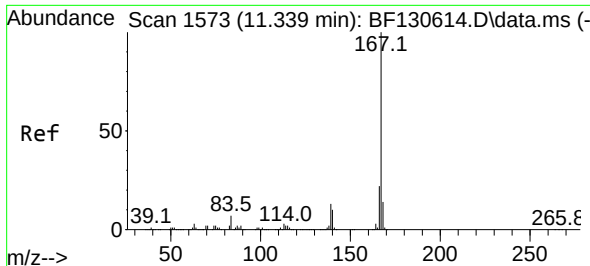


#72
Anthracene
Concen: 47.032 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05



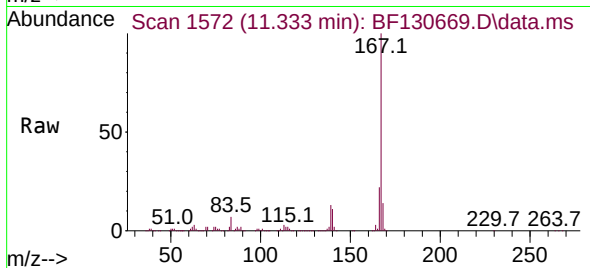
Tgt Ion:178 Resp: 710206
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 46.170 ng
 RT: 11.333 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130669.D
 Acq: 14 Oct 2022 17:05

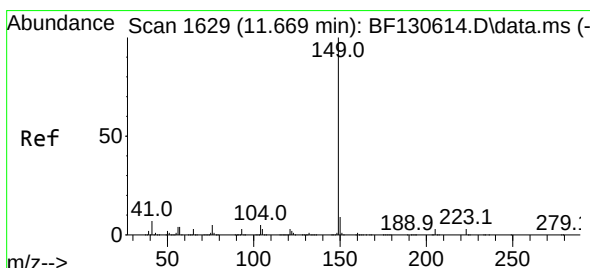
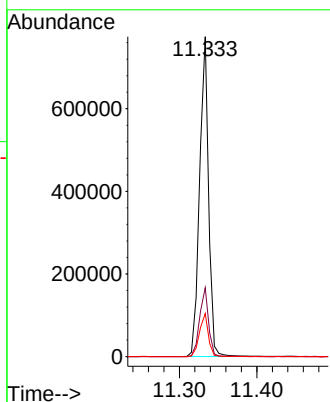
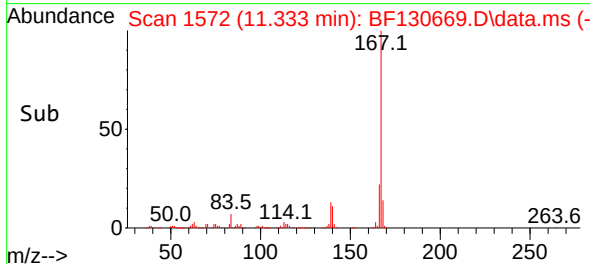
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD



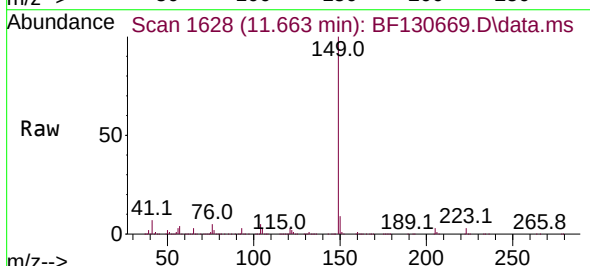
Tgt Ion:167 Resp: 622113
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.5 10.7 16.1

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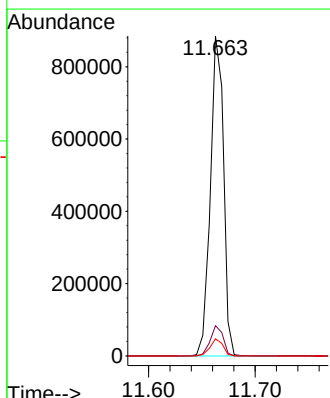
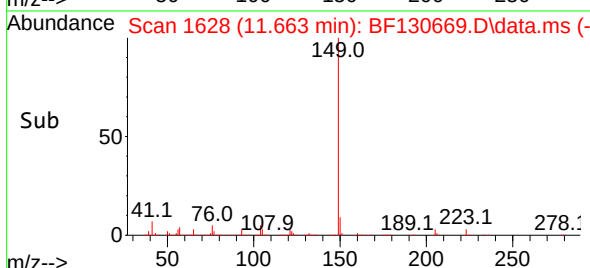
Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

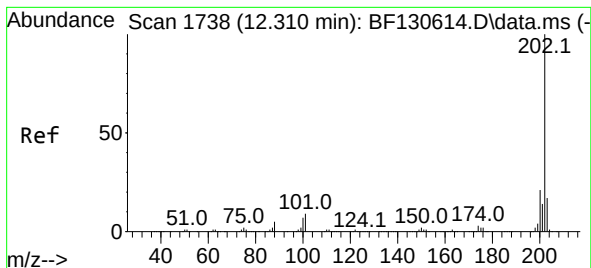


#74
 Di-n-butylphthalate
 Concen: 46.629 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.006 min
 Lab File: BF130669.D
 Acq: 14 Oct 2022 17:05



Tgt Ion:149 Resp: 761077
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 45.808 ng

RT: 12.304 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

Instrument :

BNA_F

ClientSampleId :

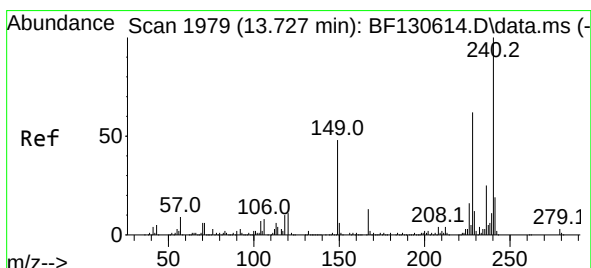
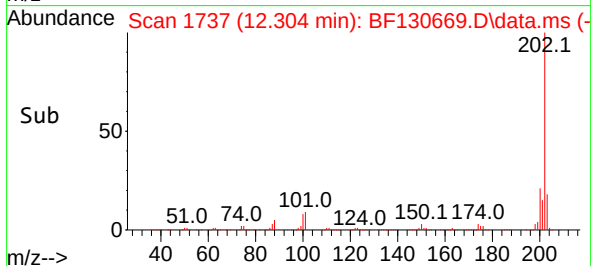
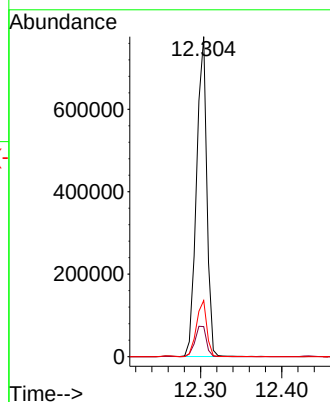
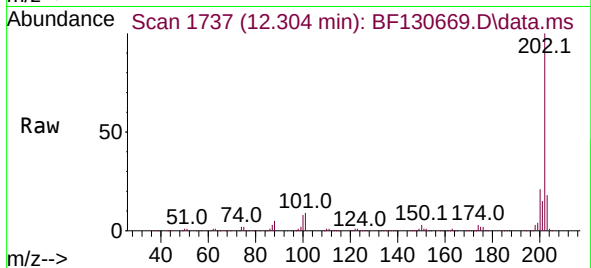
SB-04-COMPMSD

Tgt Ion:202 Resp: 68071
 Ion Ratio Lower Upper
 202 100
 101 9.4 0.0 29.1
 203 17.5 0.0 37.3

Manual Integrations

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



#76

Chrysene-d12

Concen: 20.000 ng

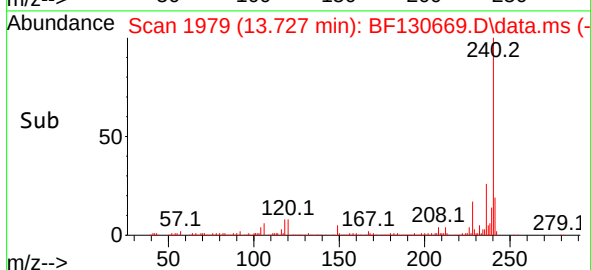
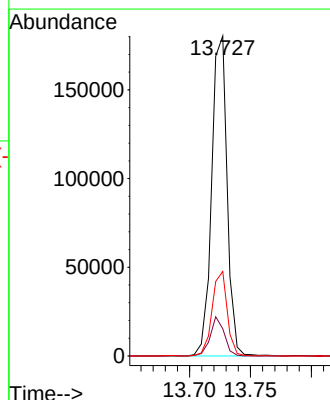
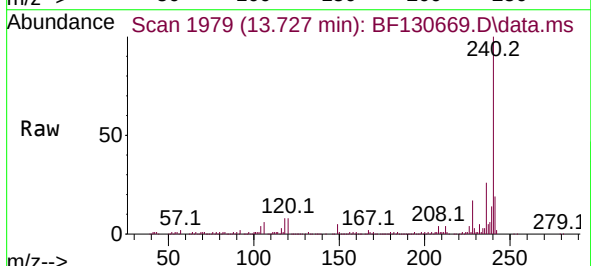
RT: 13.727 min Scan# 1979

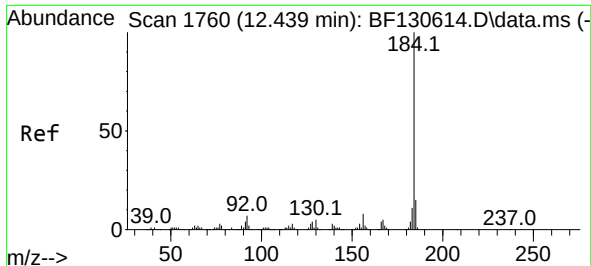
Delta R.T. 0.000 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05

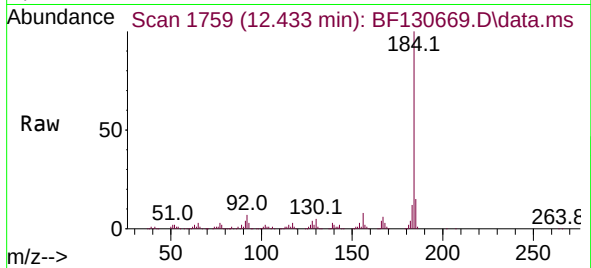
Tgt Ion:240 Resp: 159819
 Ion Ratio Lower Upper
 240 100
 120 8.5 8.6 13.0#
 236 26.4 20.2 30.4





#77
Benzidine
Concen: 53.421 ng
RT: 12.433 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

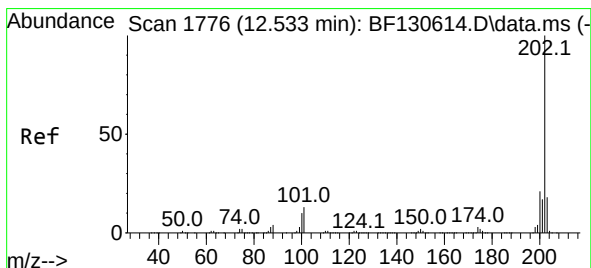
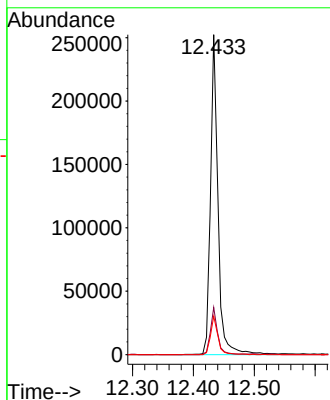
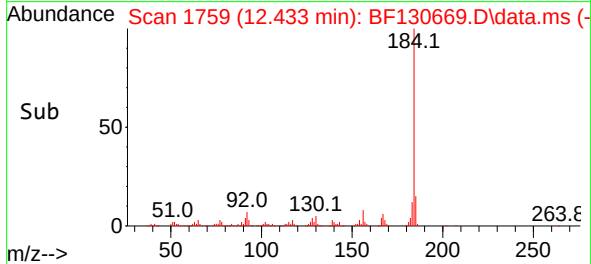
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



Tgt Ion:184 Resp: 215801
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 12.0 9.0 13.4

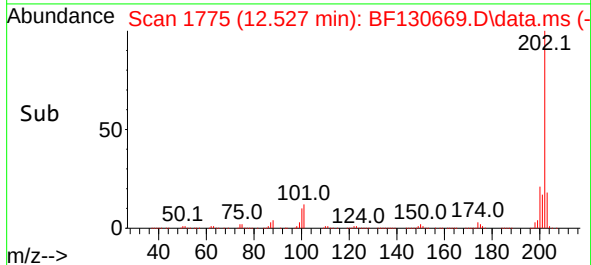
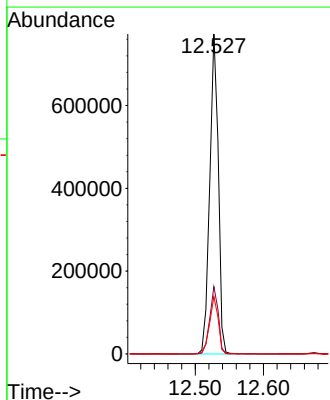
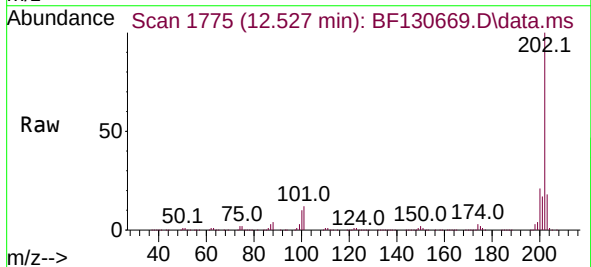
Manual Integrations
APPROVED

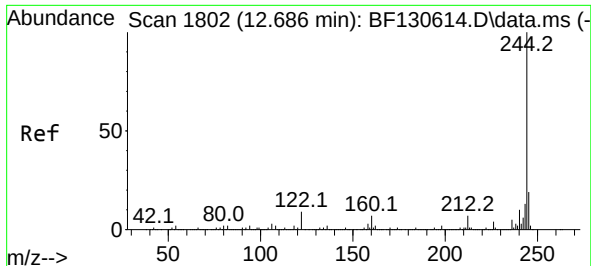
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#78
Pyrene
Concen: 48.847 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

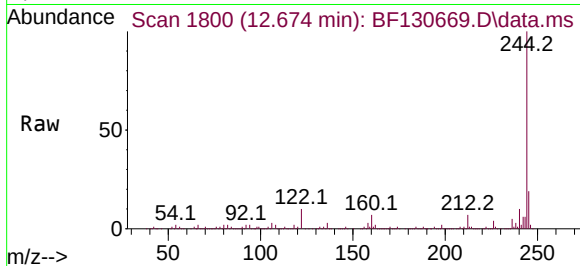
Tgt Ion:202 Resp: 673491
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.9 14.0 21.0





#79
 Terphenyl-d14
 Concen: 63.705 ng
 RT: 12.674 min Scan# 1802
 Delta R.T. -0.012 min
 Lab File: BF130669.D
 Acq: 14 Oct 2022 17:05

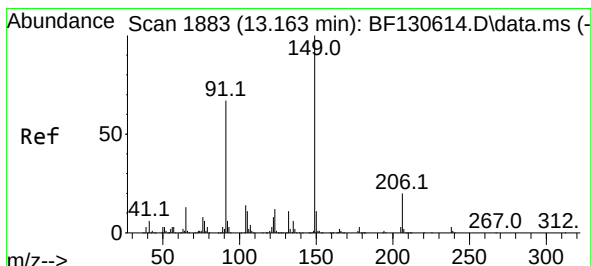
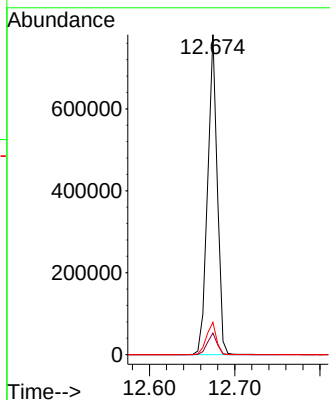
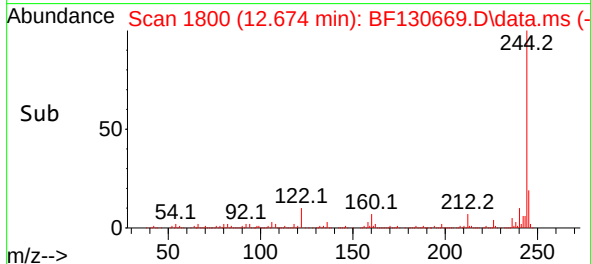
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMSD



Tgt Ion:244 Resp: 613430
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.1 7.5 11.3

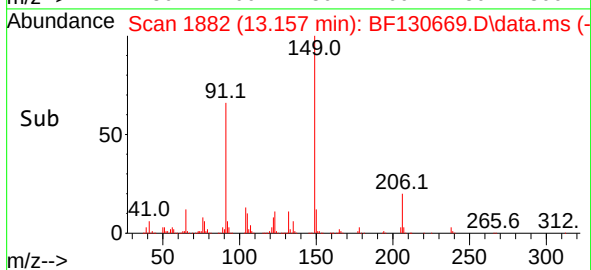
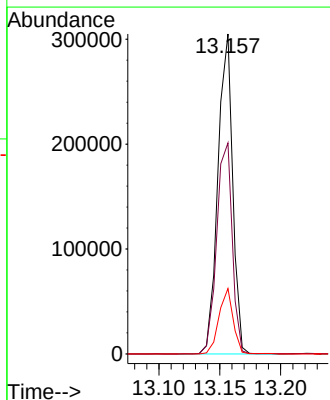
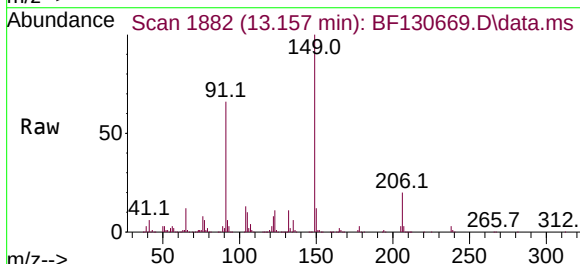
Manual Integrations
 APPROVED

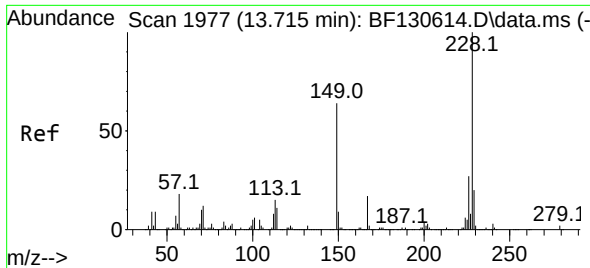
Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022



#80
 Butylbenzylphthalate
 Concen: 48.648 ng
 RT: 13.157 min Scan# 1882
 Delta R.T. -0.006 min
 Lab File: BF130669.D
 Acq: 14 Oct 2022 17:05

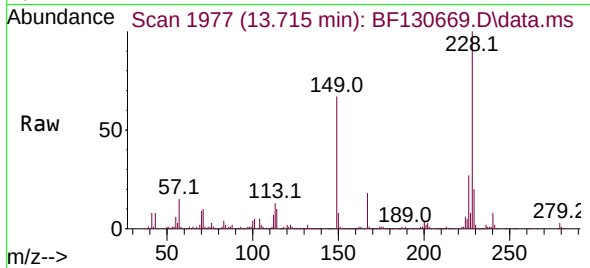
Tgt Ion:149 Resp: 257920
 Ion Ratio Lower Upper
 149 100
 91 65.9 53.8 80.8
 206 20.4 15.8 23.6





#81
Benzo(a)anthracene
Concen: 44.813 ng
RT: 13.715 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

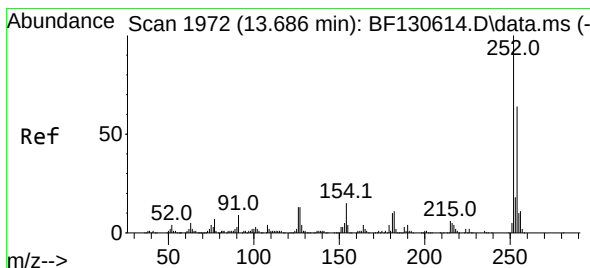
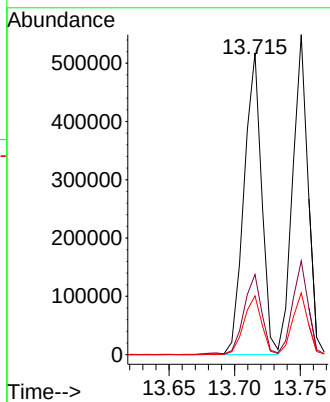
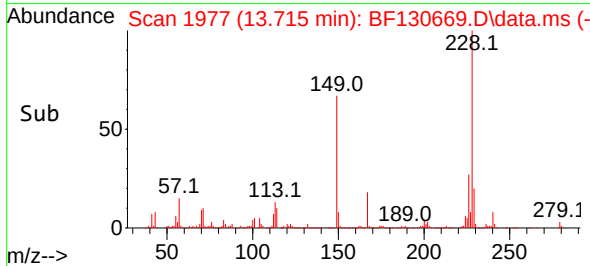
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



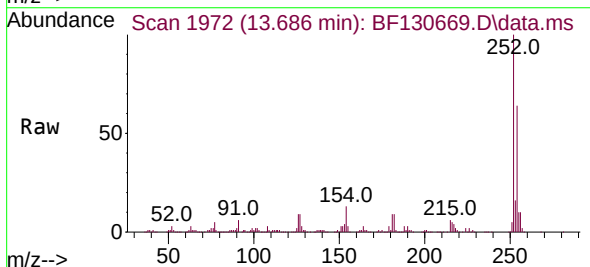
Tgt Ion:228 Resp: 482586
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.2
229 19.5 15.8 23.8

Manual Integrations
APPROVED

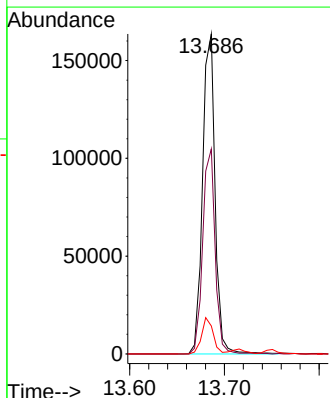
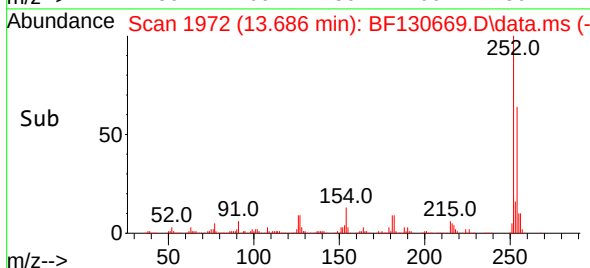
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

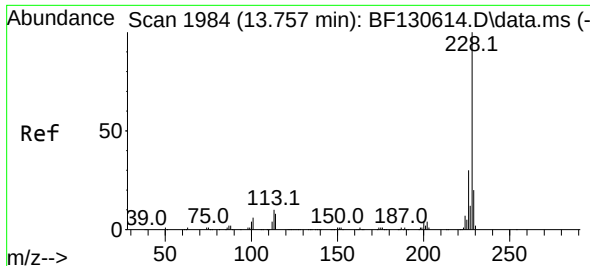


#82
3,3'-Dichlorobenzidine
Concen: 48.298 ng
RT: 13.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05



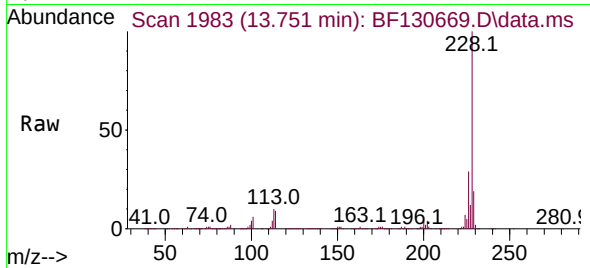
Tgt Ion:252 Resp: 150296
Ion Ratio Lower Upper
252 100
254 64.0 50.9 76.3
126 8.7 10.2 15.4





#83
Chrysene
Concen: 44.003 ng
RT: 13.751 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

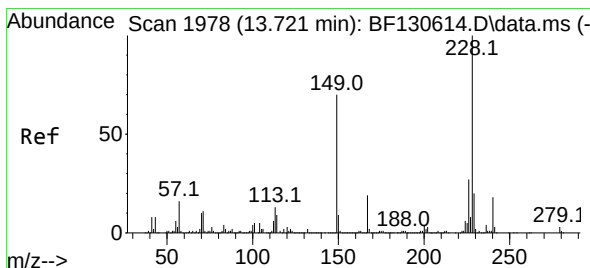
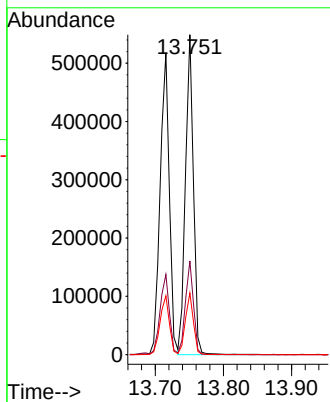
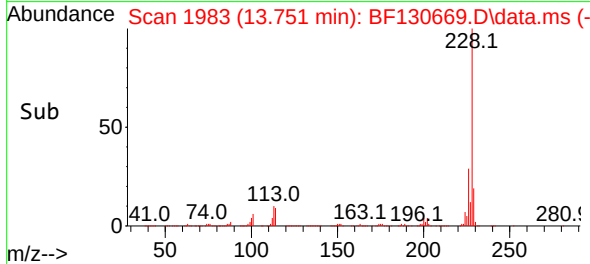
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



Tgt Ion:228 Resp: 449286
Ion Ratio Lower Upper
228 100
226 29.3 23.9 35.9
229 19.3 15.9 23.9

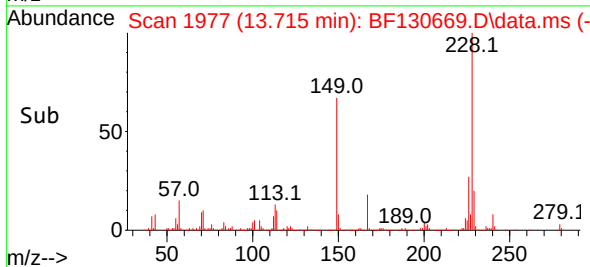
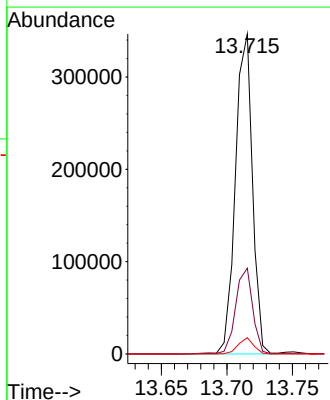
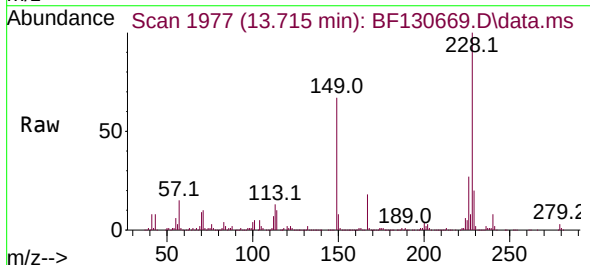
Manual Integrations
APPROVED

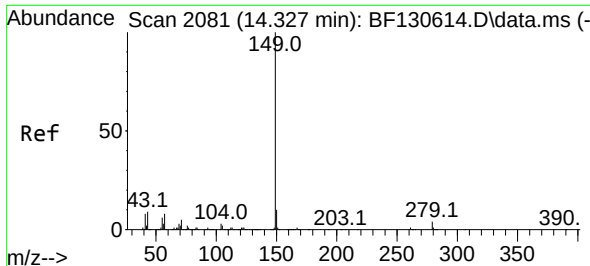
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.540 ng
RT: 13.715 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

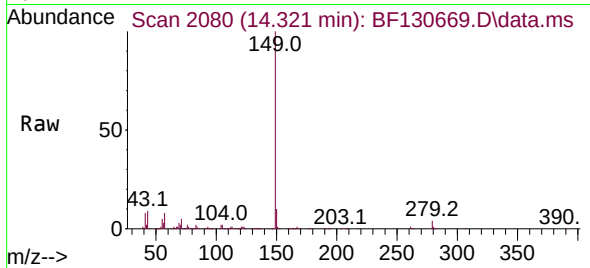
Tgt Ion:149 Resp: 311988
Ion Ratio Lower Upper
149 100
167 26.8 21.9 32.9
279 5.1 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 41.871 ng
RT: 14.321 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

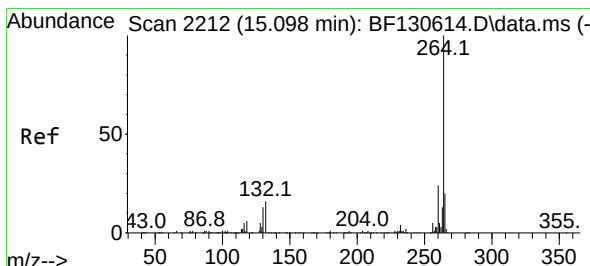
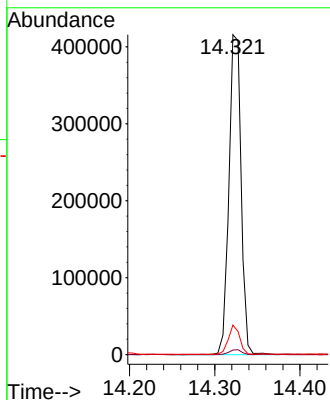
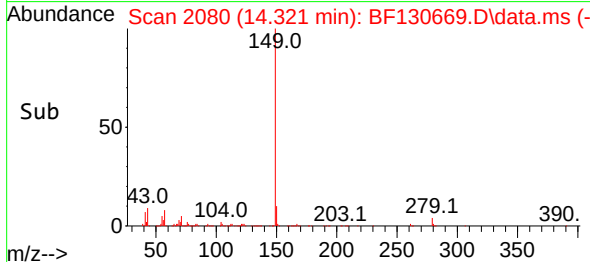
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



Tgt Ion:149 Resp: 412163
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.5 7.2 10.8

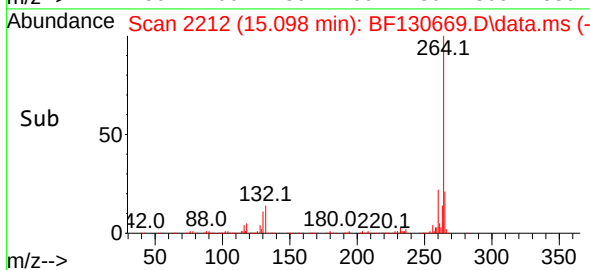
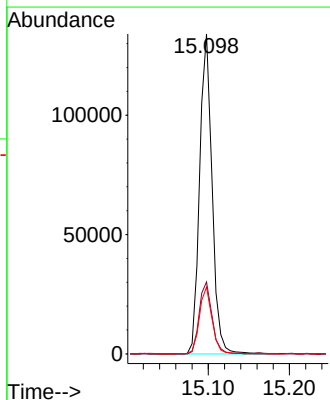
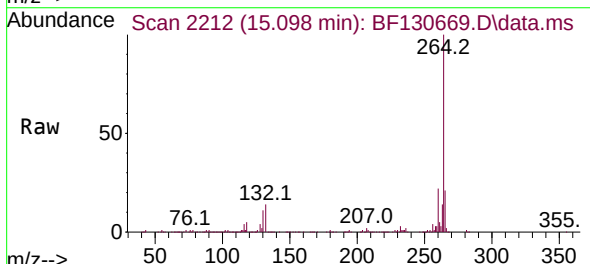
Manual Integrations
APPROVED

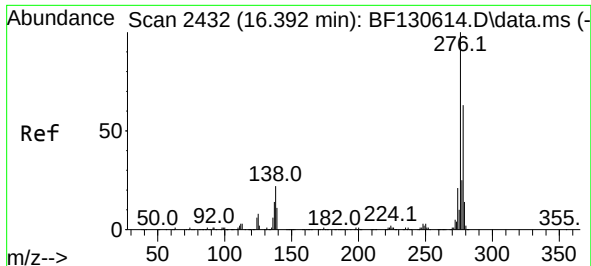
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

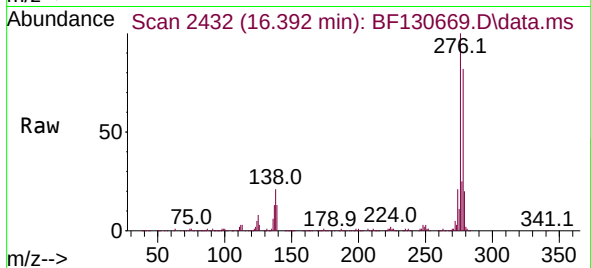
Tgt Ion:264 Resp: 142481
Ion Ratio Lower Upper
264 100
260 22.5 19.1 28.7
265 20.9 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.999 ng
RT: 16.392 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

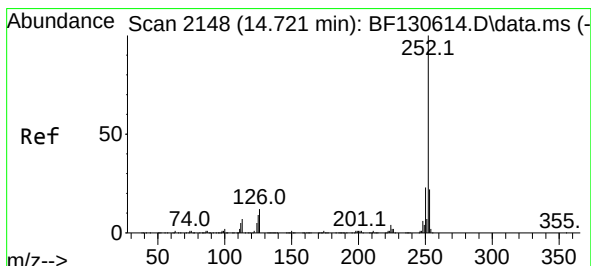
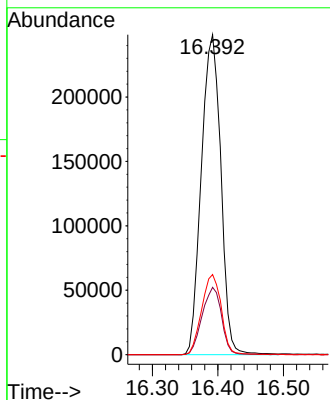
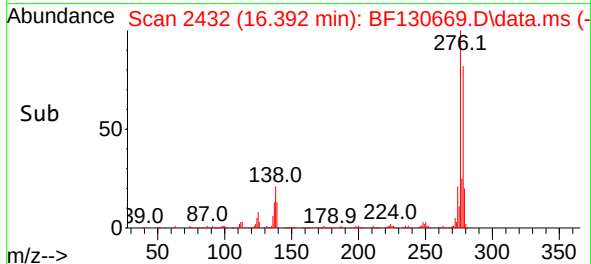
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



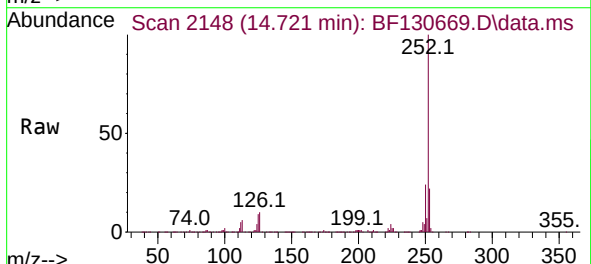
Tgt Ion: 276 Resp: 511876
Ion Ratio Lower Upper
276 100
138 20.9 18.0 27.0
277 25.0 20.0 30.0

Manual Integrations
APPROVED

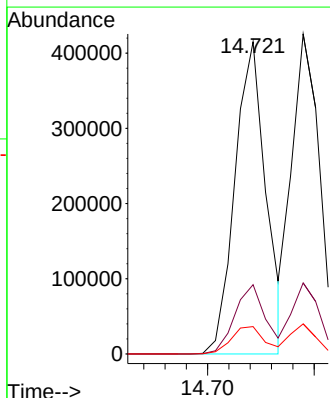
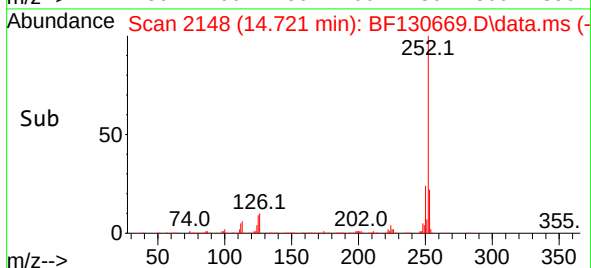
Reviewed By : Christian Giraldo 10/17/2022
Supervised By : mohammad ahmed 10/18/2022

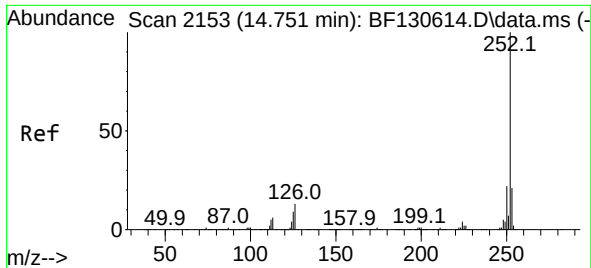


#88
Benzo(b)fluoranthene
Concen: 46.617 ng
RT: 14.721 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05



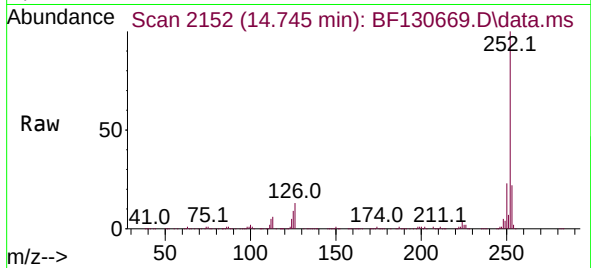
Tgt Ion: 252 Resp: 420591
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 8.7 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 42.318 ng
RT: 14.745 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

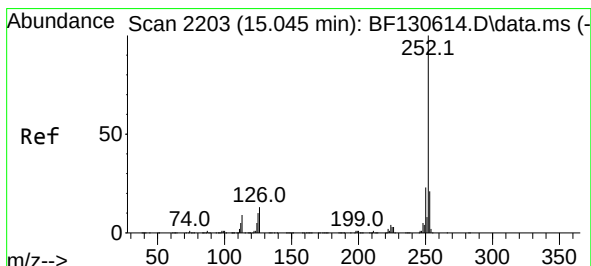
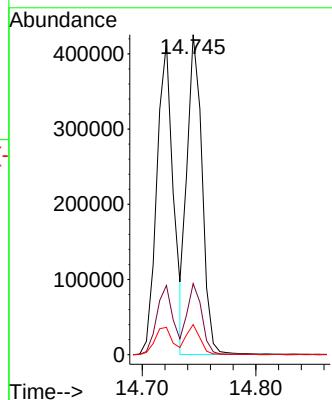
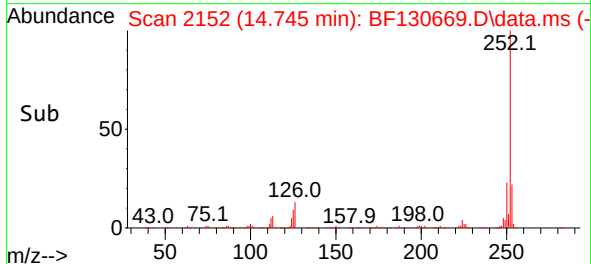
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD



Tgt Ion:252 Resp: 388763
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 9.4 7.2 10.8

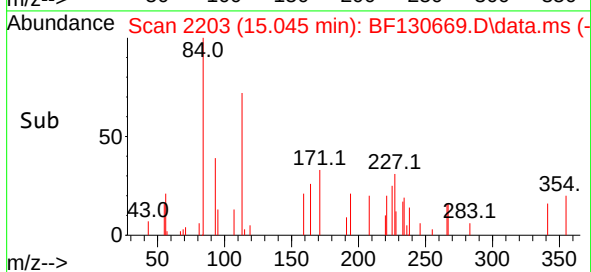
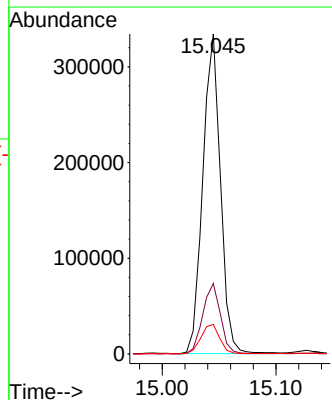
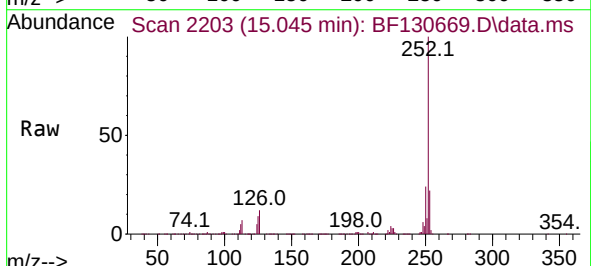
Manual Integrations
APPROVED

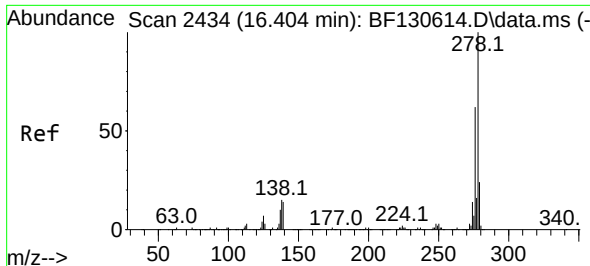
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#90
Benzo(a)pyrene
Concen: 48.066 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF130669.D
Acq: 14 Oct 2022 17:05

Tgt Ion:252 Resp: 360928
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 9.2 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 50.793 ng

RT: 16.404 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BF130669.D

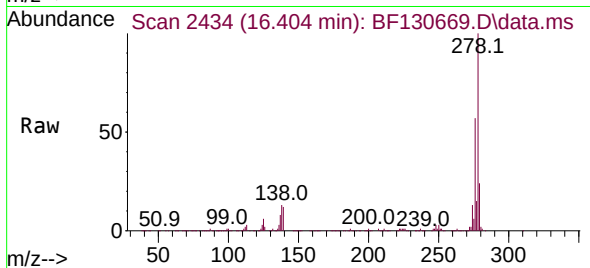
Acq: 14 Oct 2022 17:05

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMSD



Tgt Ion:278 Resp: 443996

Ion Ratio Lower Upper

278 100

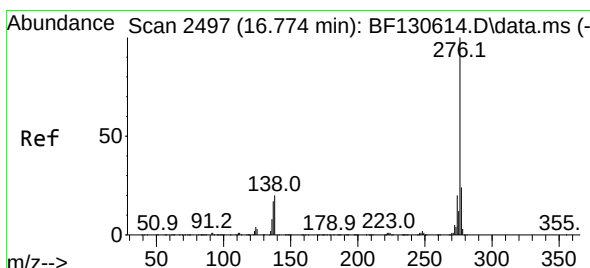
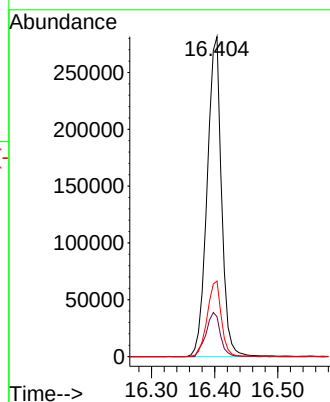
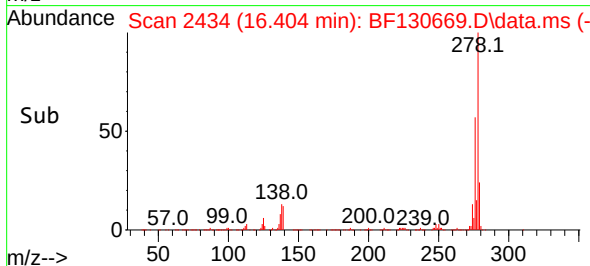
139 12.5 11.1 16.7

279 23.6 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

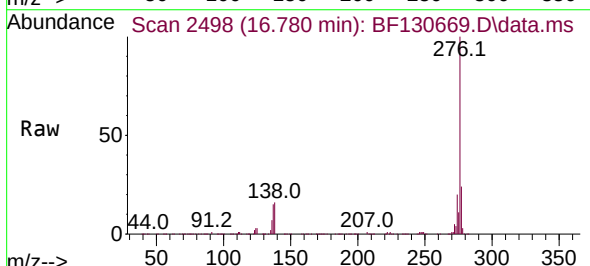
Concen: 54.324 ng

RT: 16.780 min Scan# 2498

Delta R.T. 0.006 min

Lab File: BF130669.D

Acq: 14 Oct 2022 17:05



Tgt Ion:276 Resp: 442286

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 16.2 15.9 23.9

