

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136675.D
 Acq On : 21 Dec 2023 18:30
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 21 22:44:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	69585	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	269996	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	136598	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	240536	20.000	ng	0.00
76) Chrysene-d12	13.963	240	114436	20.000	ng	0.00
86) Perylene-d12	15.445	264	126569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	358015	80.277	ng	0.00
7) Phenol-d6	6.434	99	451786	78.180	ng	0.00
23) Nitrobenzene-d5	7.351	82	423074	80.183	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	121711	75.656	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	824570	81.190	ng	0.00
79) Terphenyl-d14	12.904	244	694400	84.799	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	72413	38.969	ng	98
3) Pyridine	3.293	79	183169	40.401	ng	96
4) n-Nitrosodimethylamine	3.258	42	98470	40.671	ng	95
6) Aniline	6.457	93	224618	38.877	ng	99
8) 2-Chlorophenol	6.575	128	195217	40.000	ng	98
9) Benzaldehyde	6.340	77	126653	38.532	ng	97
10) Phenol	6.446	94	238522	38.665	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	184127	39.248	ng	98
12) 1,3-Dichlorobenzene	6.728	146	213573	40.115	ng	99
13) 1,4-Dichlorobenzene	6.804	146	215817	39.672	ng	99
14) 1,2-Dichlorobenzene	6.957	146	202202	39.945	ng	99
15) Benzyl Alcohol	6.934	79	155511	39.889	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	299308	39.023	ng	97
17) 2-Methylphenol	7.046	107	161723	39.999	ng	99
18) Hexachloroethane	7.293	117	79829	40.406	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	137579	39.274	ng	96
20) 3+4-Methylphenols	7.199	107	195288	38.662	ng	98
22) Acetophenone	7.199	105	272007	40.194	ng	96
24) Nitrobenzene	7.369	77	217683	41.185	ng	99
25) Isophorone	7.610	82	381155	39.700	ng	98
26) 2-Nitrophenol	7.687	139	105111	41.565	ng	97
27) 2,4-Dimethylphenol	7.722	122	125714	40.834	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	232354	39.815	ng	98
29) 2,4-Dichlorophenol	7.928	162	158699	40.040	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	179218	40.582	ng	98
31) Naphthalene	8.087	128	590960	39.841	ng	100
32) Benzoic acid	7.857	122	129420m	43.446	ng	
33) 4-Chloroaniline	8.140	127	211486	38.617	ng	98
34) Hexachlorobutadiene	8.198	225	109866	40.948	ng	95
35) Caprolactam	8.516	113	49206	37.632	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	175923	39.426	ng	99
37) 2-Methylnaphthalene	8.781	142	378043	39.602	ng	99
38) 1-Methylnaphthalene	8.875	142	370575	39.568	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	175979	41.599	ng	99
41) Hexachlorocyclopentadiene	8.928	237	46995	37.606	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	112800	41.577	ng	99

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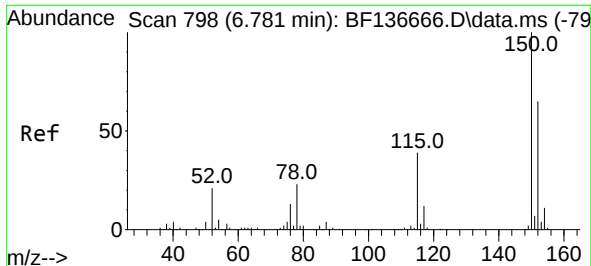
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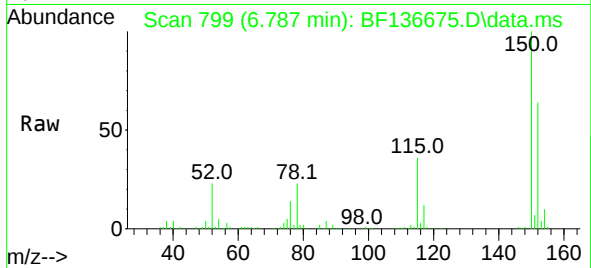
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	126505	41.844	ng	97
46) 1,1'-Biphenyl	9.245	154	470054	41.007	ng	100
47) 2-Chloronaphthalene	9.269	162	356371	40.896	ng	99
48) 2-Nitroaniline	9.369	65	108572	39.787	ng	95
49) Acenaphthylene	9.687	152	547965	41.140	ng	99
50) Dimethylphthalate	9.551	163	393008	39.390	ng	100
51) 2,6-Dinitrotoluene	9.610	165	90000	39.746	ng	# 84
52) Acenaphthene	9.857	154	333674	40.414	ng	99
53) 3-Nitroaniline	9.781	138	92374	38.510	ng	99
54) 2,4-Dinitrophenol	9.893	184	44294	37.382	ng	95
55) Dibenzofuran	10.028	168	498048	39.794	ng	99
56) 4-Nitrophenol	9.951	139	60322	37.253	ng	98
57) 2,4-Dinitrotoluene	10.016	165	112395	38.235	ng	99
58) Fluorene	10.375	166	385750	38.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	93001	39.962	ng	99
60) Diethylphthalate	10.245	149	400161	38.655	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	192231	39.824	ng	99
62) 4-Nitroaniline	10.398	138	80662m	34.882	ng	
63) Azobenzene	10.528	77	380220	39.324	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	60159	43.641	ng	100
66) n-Nitrosodiphenylamine	10.487	169	328029	41.981	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	115396	43.198	ng	98
68) Hexachlorobenzene	10.922	284	126188	42.388	ng	98
69) Atrazine	11.016	200	59907	29.976	ng	98
70) Pentachlorophenol	11.122	266	60020	43.255	ng	99
71) Phenanthrene	11.339	178	501729	40.652	ng	100
72) Anthracene	11.392	178	504530	40.365	ng	99
73) Carbazole	11.545	167	450386	38.219	ng	99
74) Di-n-butylphthalate	11.881	149	560381	38.970	ng	99
75) Fluoranthene	12.528	202	478216	36.224	ng	97
77) Benzidine	12.657	184	123083	36.477	ng	98
78) Pyrene	12.763	202	482653	42.964	ng	100
80) Butylbenzylphthalate	13.386	149	170284	41.658	ng	99
81) Benzo(a)anthracene	13.957	228	327521	41.217	ng	98
82) 3,3'-Dichlorobenzidine	13.922	252	99515	44.098	ng	99
83) Chrysene	13.992	228	313247	40.311	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	224230	43.599	ng	98
85) Di-n-octyl phthalate	14.563	149	379058	47.647	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	416492	45.576	ng	100
88) Benzo(b)fluoranthene	15.010	252	341552	40.403	ng	99
89) Benzo(k)fluoranthene	15.039	252	286586	35.877	ng	99
90) Benzo(a)pyrene	15.380	252	291450	40.843	ng	99
91) Dibenzo(a,h)anthracene	16.969	278	346686	46.242	ng	96
92) Benzo(g,h,i)perylene	17.410	276	362173	47.166	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

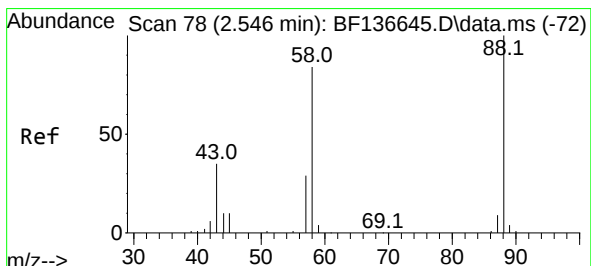
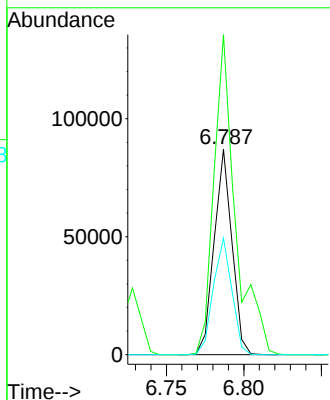
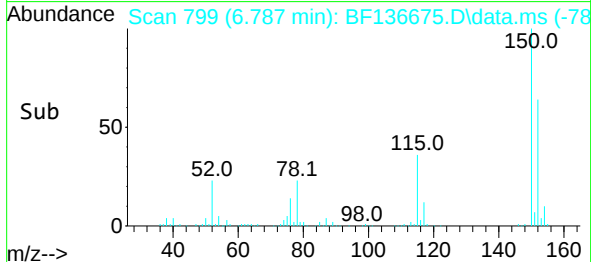
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



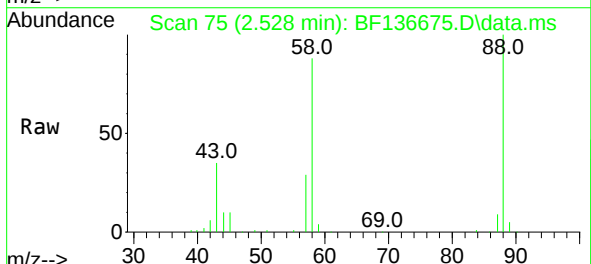
Tgt Ion:152 Resp: 6958
Ion Ratio Lower Upper
152 100
150 155.8 127.0 190.6
115 56.7 49.0 73.4

Manual Integrations
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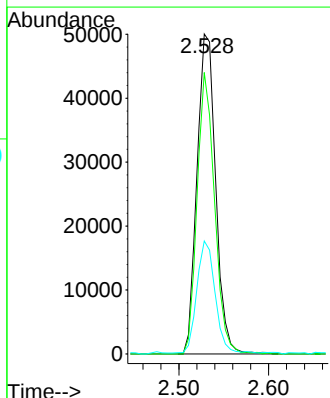
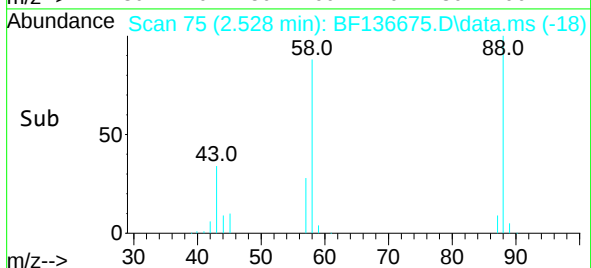
Reviewed By :Yogesh Patel 12/22/2023
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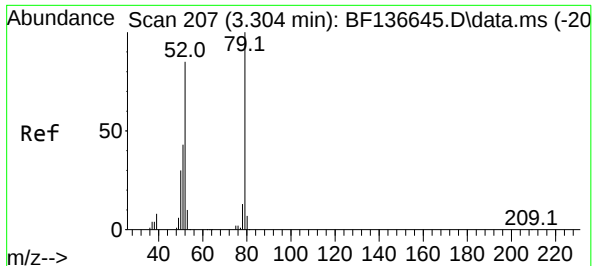


#2
1,4-Dioxane
Concen: 38.969 ng
RT: 2.528 min Scan# 75
Delta R.T. -0.017 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



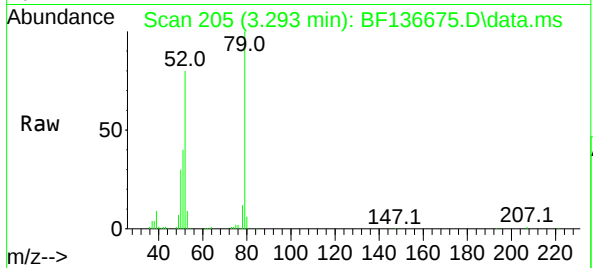
Tgt Ion: 88 Resp: 72413
Ion Ratio Lower Upper
88 100
58 82.1 67.4 101.0
43 34.0 27.7 41.5





#3
Pyridine
Concen: 40.401 ng
RT: 3.293 min Scan# 207
Delta R.T. -0.011 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

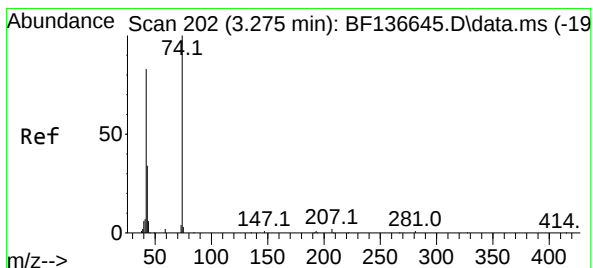
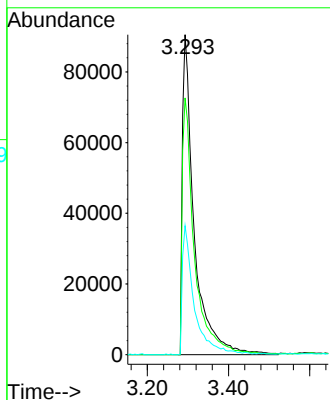
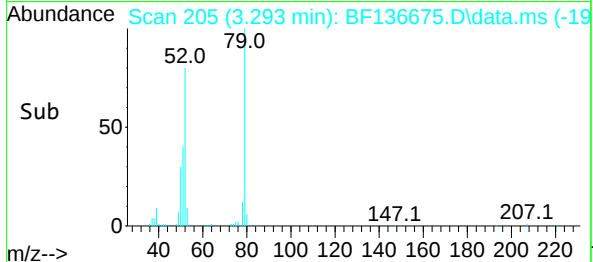
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



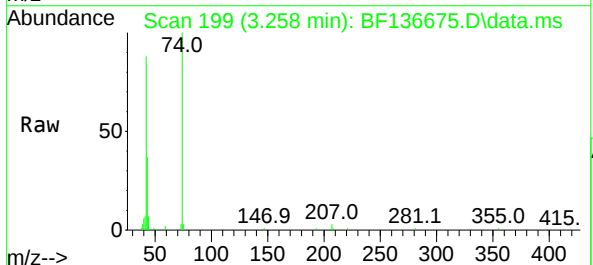
Tgt Ion: 79 Resp: 183169
Ion Ratio Lower Upper
79 100
52 80.2 67.7 101.5
51 40.3 34.0 51.0

Manual Integrations
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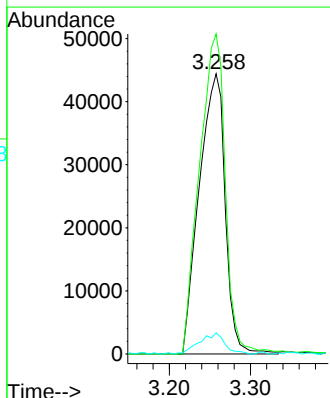
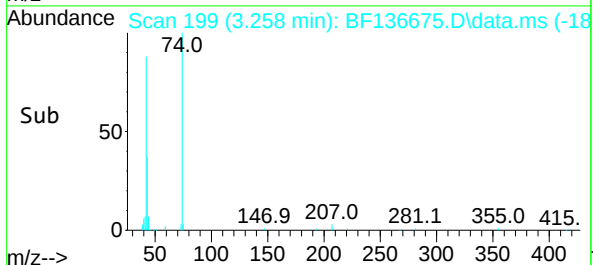
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Supervised By :mohammad ahmed 12/22/2023

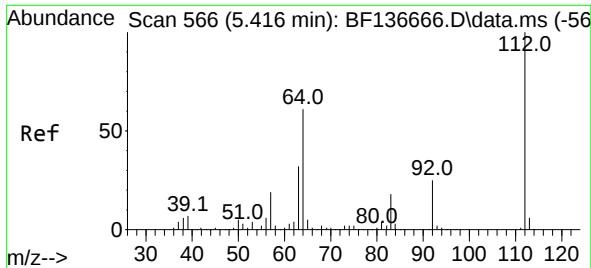


#4
n-Nitrosodimethylamine
Concen: 40.671 ng
RT: 3.258 min Scan# 199
Delta R.T. -0.017 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion: 42 Resp: 98470
Ion Ratio Lower Upper
42 100
74 114.2 96.0 144.0
44 7.5 5.4 8.2





#5
2-Fluorophenol
Concen: 80.277 ng
RT: 5.422 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

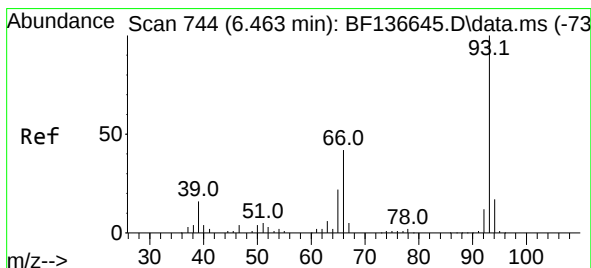
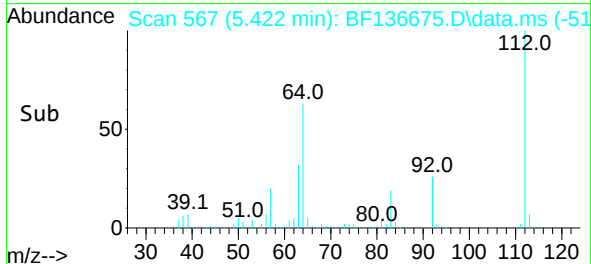
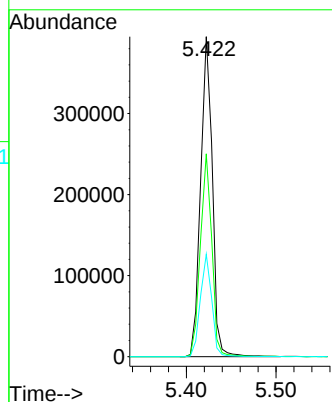
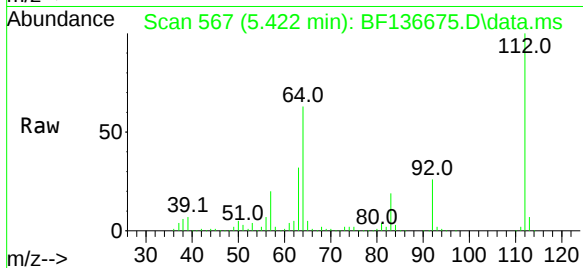
SSTDCCC040EC

Tgt Ion:112 Resp: 358015
Ion Ratio Lower Upper
112 100
64 63.4 51.1 76.7
63 32.0 26.1 39.1

Manual Integrations

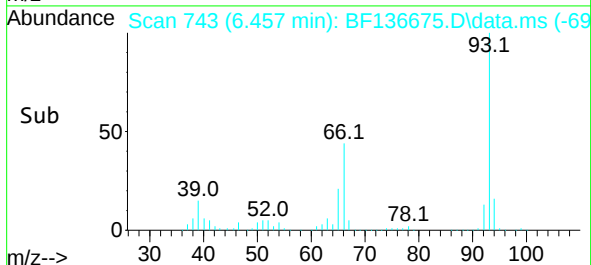
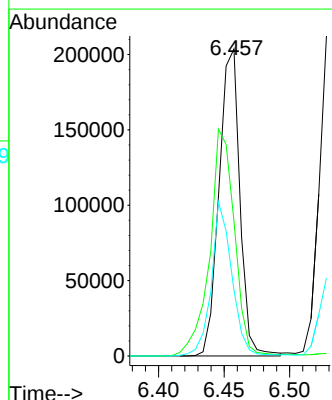
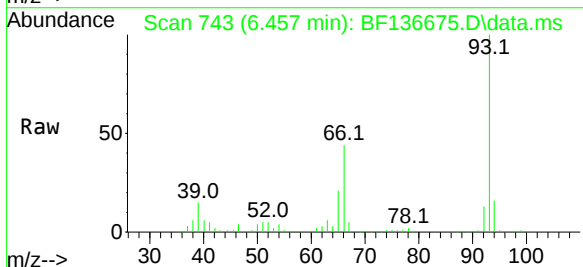
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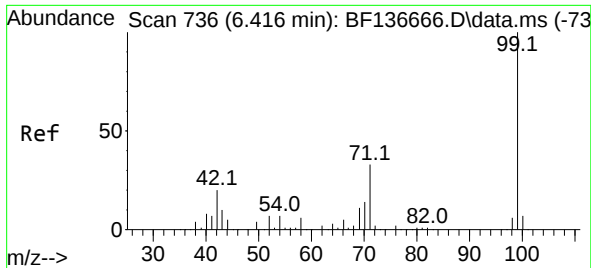
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#6
Aniline
Concen: 38.877 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.005 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

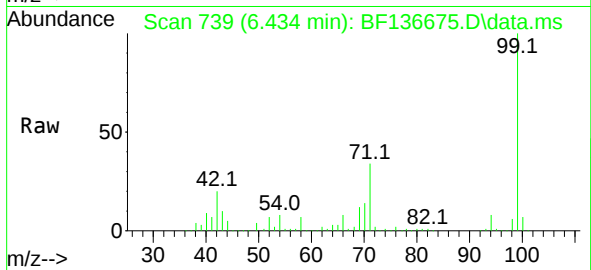
Tgt Ion: 93 Resp: 224618
Ion Ratio Lower Upper
93 100
66 43.9 34.6 51.8
65 21.4 17.8 26.8





#7
Phenol-d6
Concen: 78.180 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

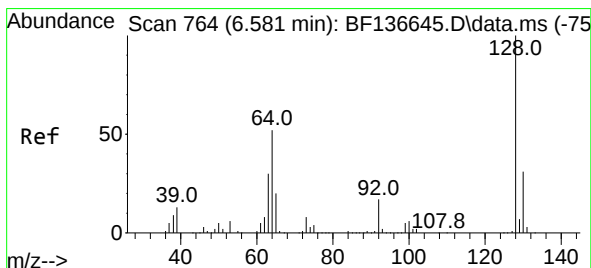
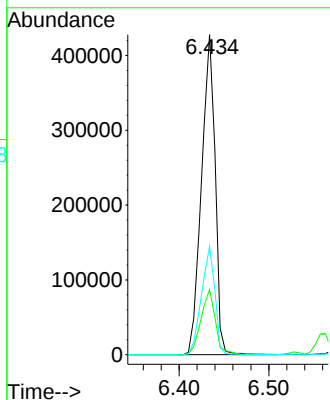
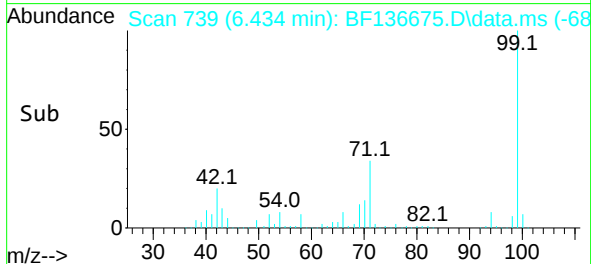
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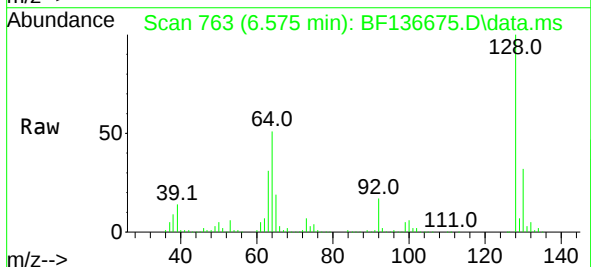
Tgt Ion: 99 Resp: 451780
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 33.9 27.4 41.2

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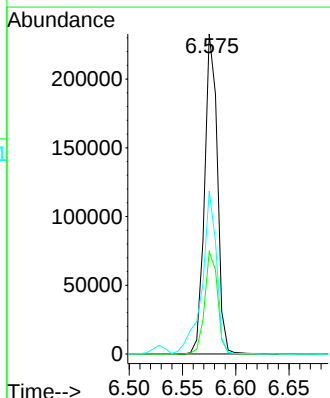
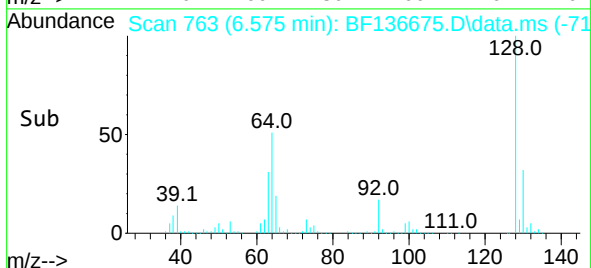
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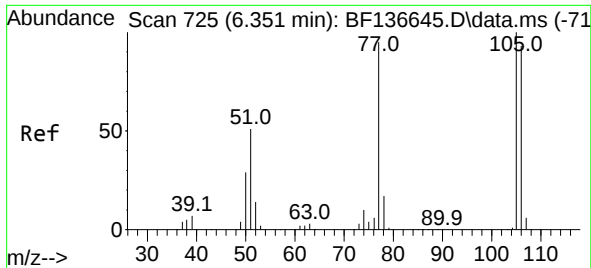


#8
2-Chlorophenol
Concen: 40.000 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



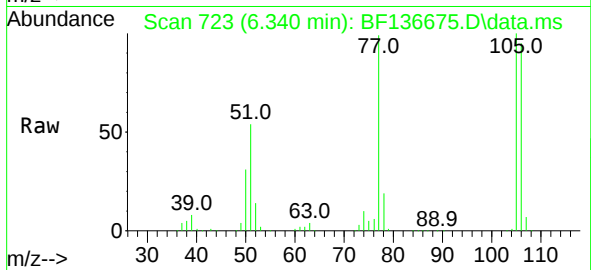
Tgt Ion:128 Resp: 195217
Ion Ratio Lower Upper
128 100
130 32.0 11.3 51.3
64 50.9 32.5 72.5





#9
Benzaldehyde
Concen: 38.532 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

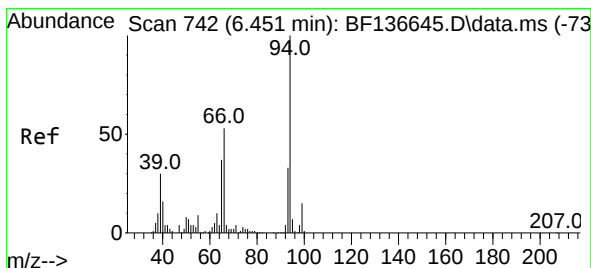
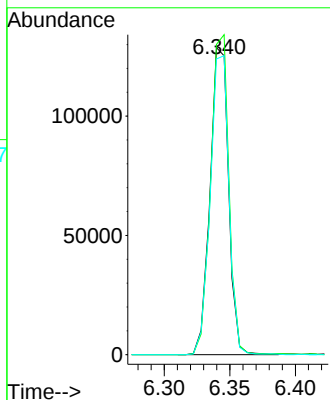
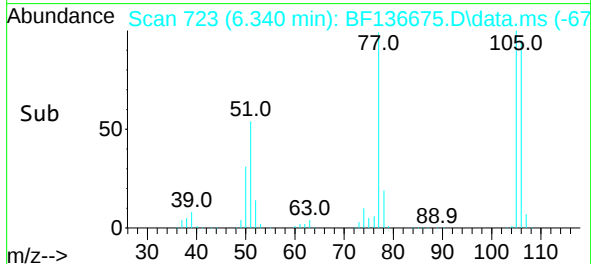
Instrument :
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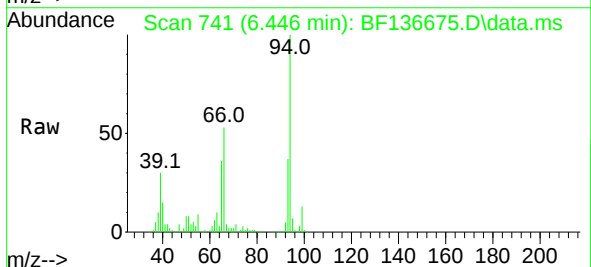
Tgt Ion: 77 Resp: 12665
Ion Ratio Lower Upper
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105 101.1 84.8 124.8
106 96.3 77.8 117.8

Manual Integrations
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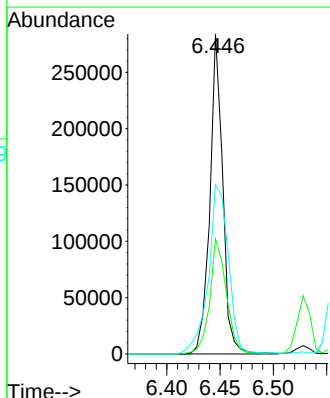
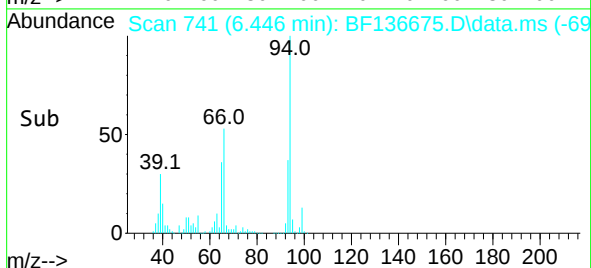
Reviewed By :Yogesh Patel 12/22/2023
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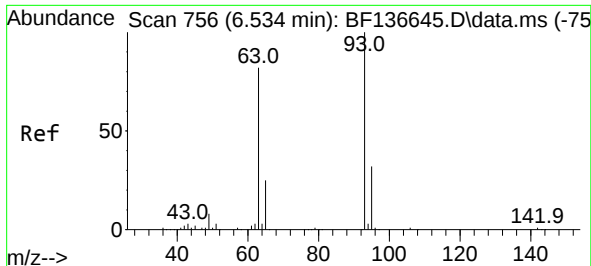


#10
Phenol
Concen: 38.665 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion: 94 Resp: 238522
Ion Ratio Lower Upper
94 100
65 36.0 16.6 56.6
66 53.0 32.6 72.6





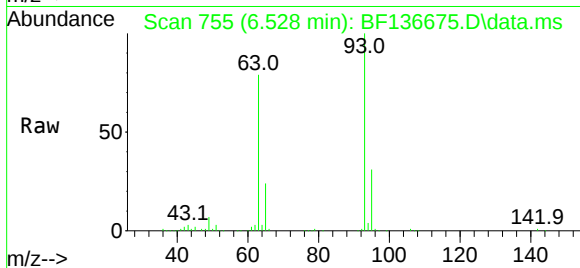
#11
bis(2-Chloroethyl)ether
Concen: 39.248 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.005 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

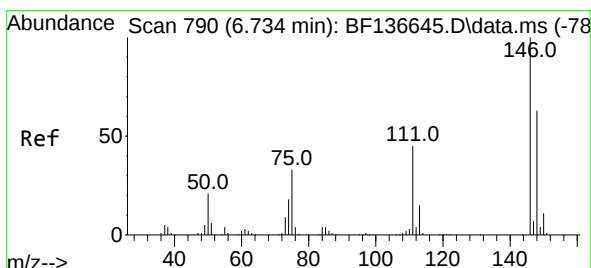
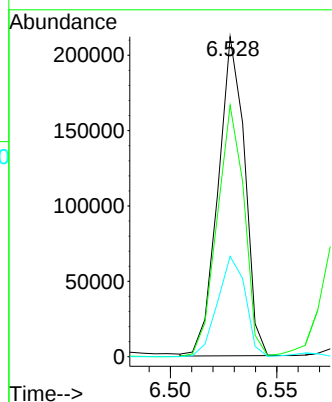
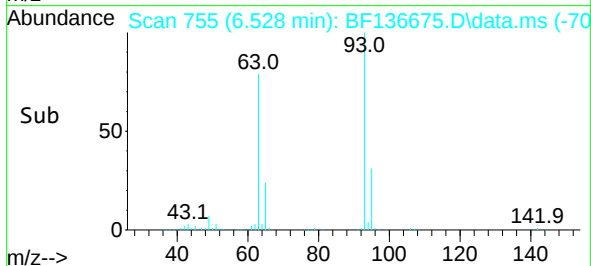
SSTDCCC040EC



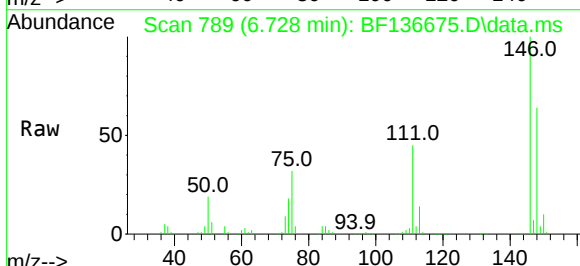
Tgt Ion: 93 Resp: 18412
Ion Ratio Lower Upper
93 100
63 78.6 61.2 101.2
95 31.4 11.6 51.6

Manual Integrations
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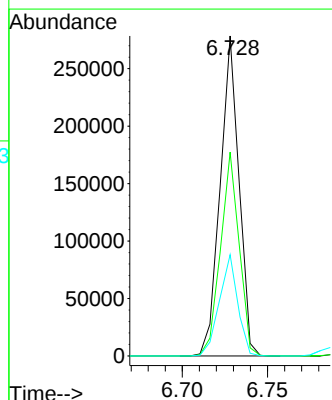
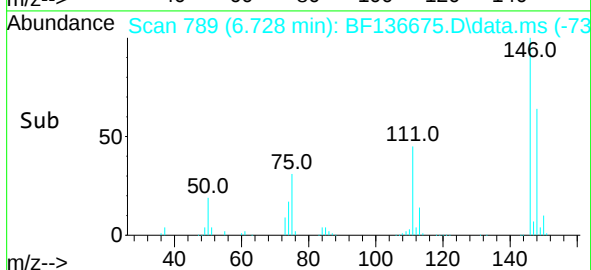
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

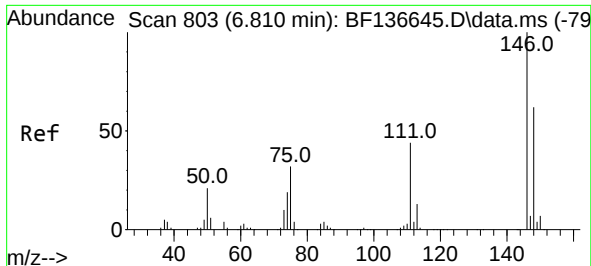


#12
1,3-Dichlorobenzene
Concen: 40.115 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion:146 Resp: 213573
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
75 31.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.672 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136675.D

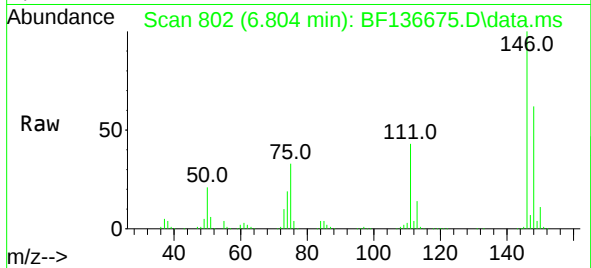
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:146 Resp: 21581

Ion Ratio Lower Upper

146 100

148 62.2 49.2 73.8

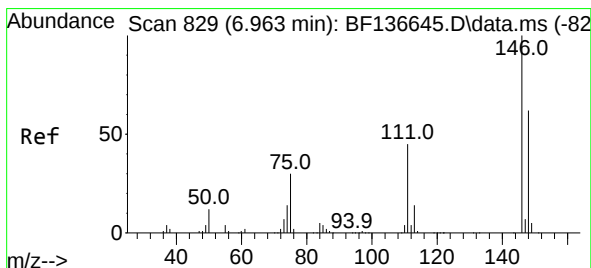
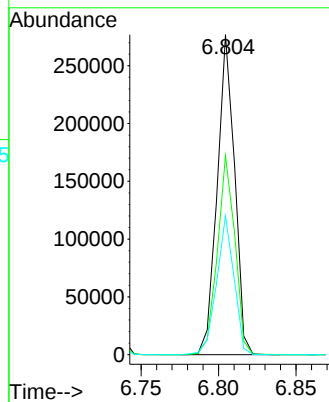
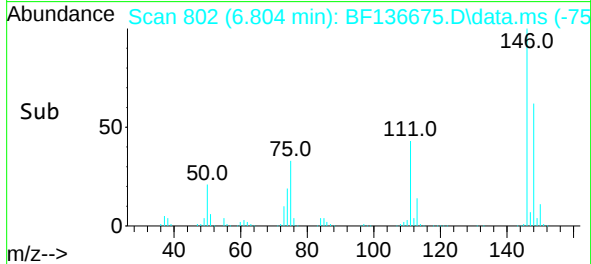
111 43.5 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#14

1,2-Dichlorobenzene

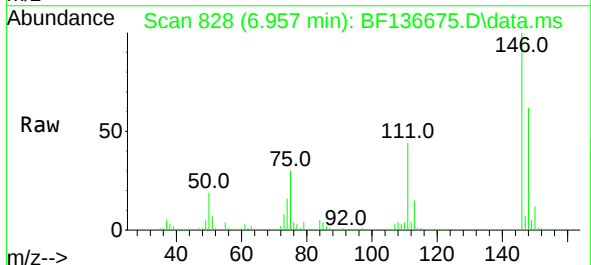
Concen: 39.945 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30



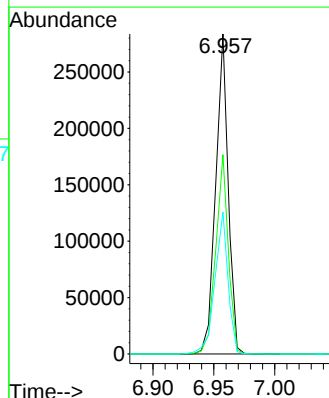
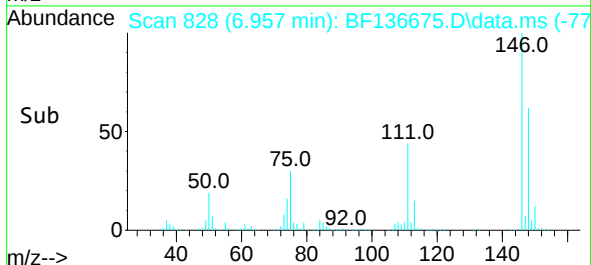
Tgt Ion:146 Resp: 202202

Ion Ratio Lower Upper

146 100

148 62.3 49.6 74.4

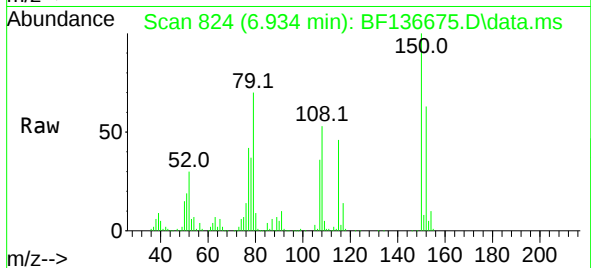
111 44.4 36.2 54.2





#15
Benzyl Alcohol
Concen: 39.889 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

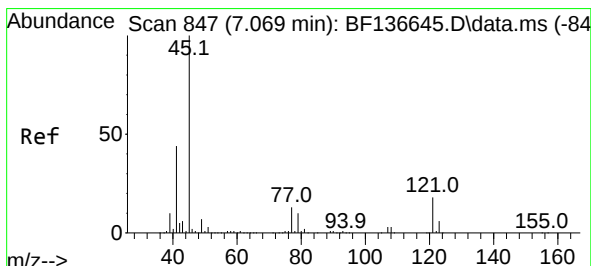
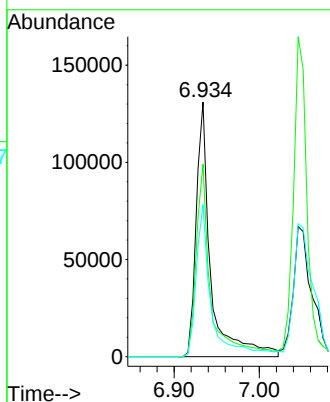
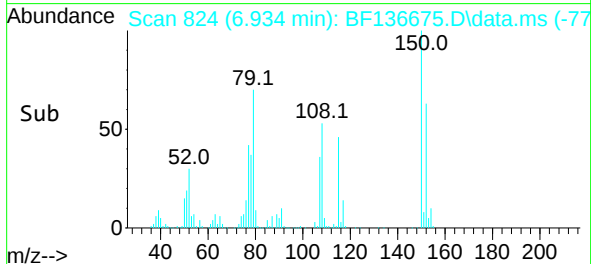
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



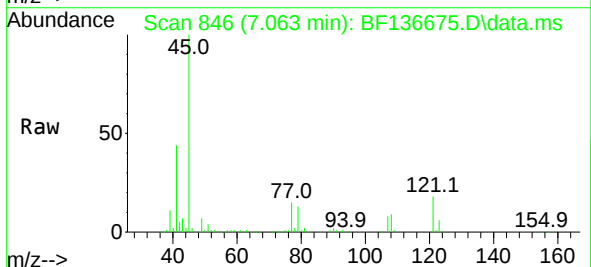
Tgt Ion: 79 Resp: 15551
Ion Ratio Lower Upper
79 100
108 75.6 61.0 91.6
77 59.7 49.8 74.8

Manual Integrations
APPROVED

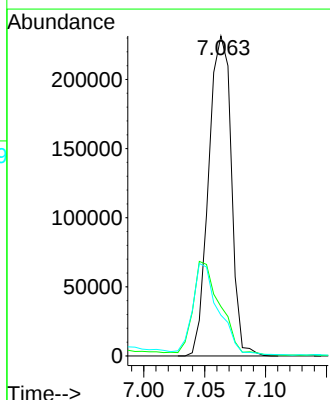
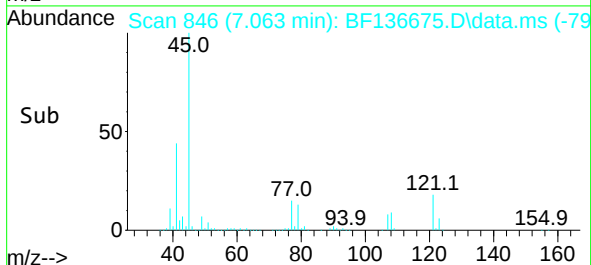
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

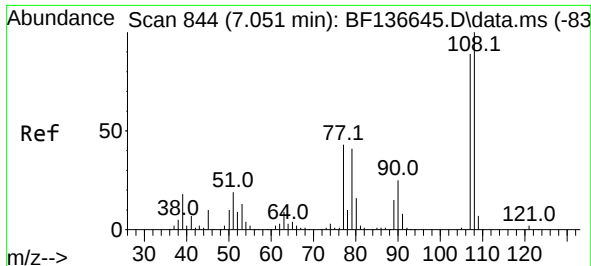


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.023 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion: 45 Resp: 299308
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.3
79 12.7 0.0 31.4





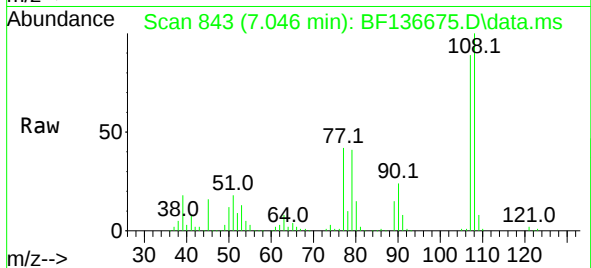
#17
2-Methylphenol
Concen: 39.999 ng
RT: 7.046 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

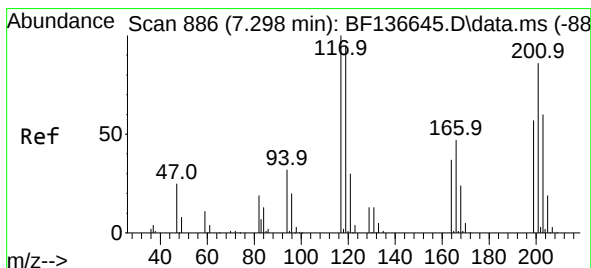
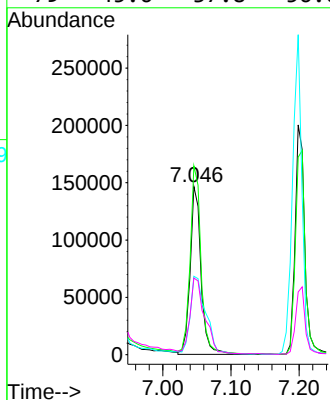
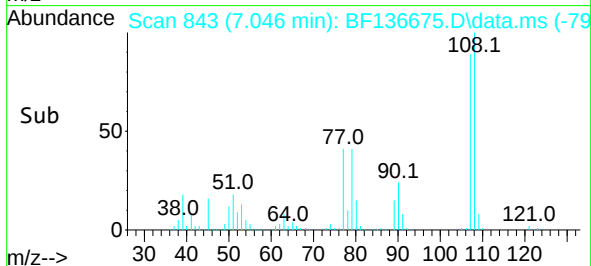


Tgt Ion:107 Resp: 16172
Ion Ratio Lower Upper
107 100
108 112.3 90.3 135.5
77 46.7 38.7 58.1
79 45.6 37.8 56.6

Manual Integrations

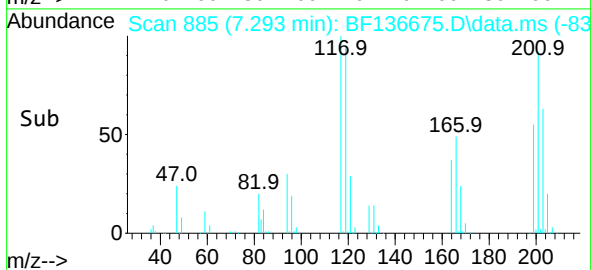
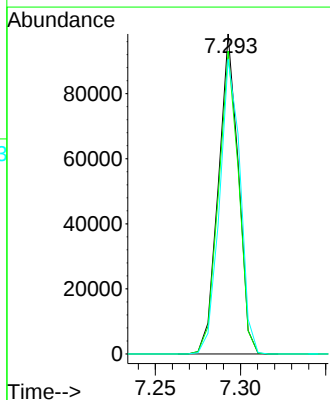
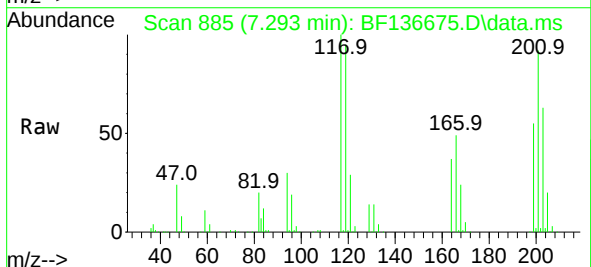
APPROVED

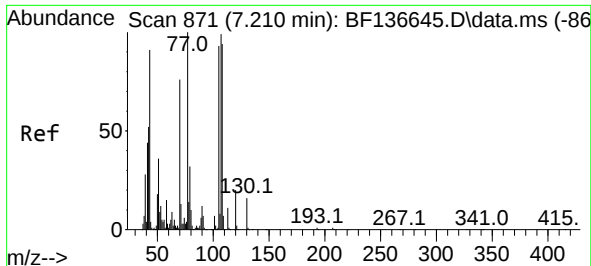
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#18
Hexachloroethane
Concen: 40.406 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

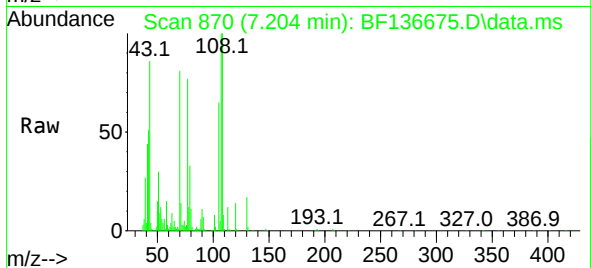
Tgt Ion:117 Resp: 79829
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
201 92.0 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 39.274 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

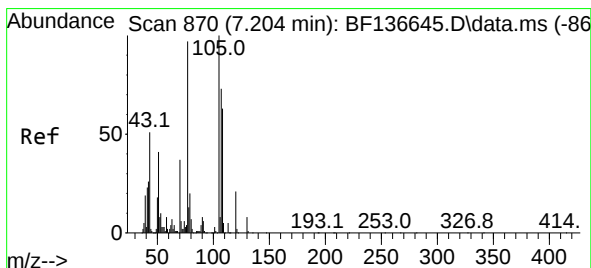
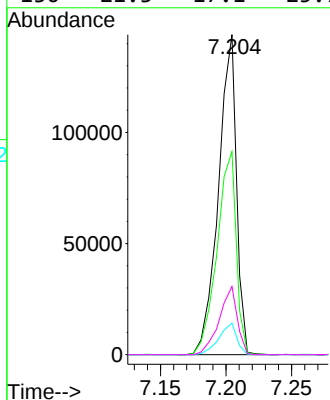
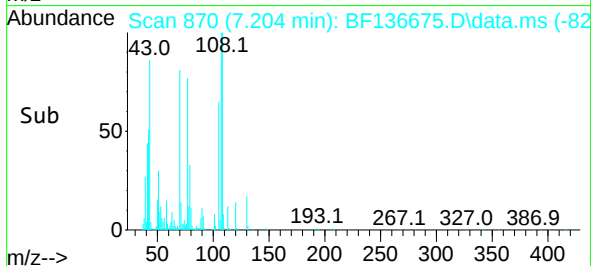
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



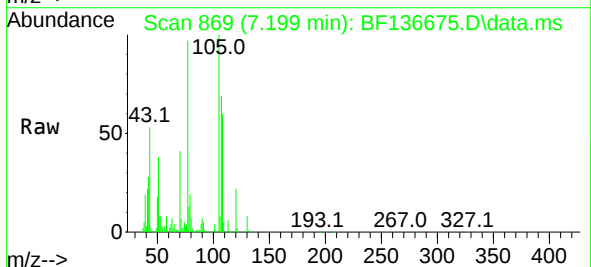
Tgt Ion: 70 Resp: 137579
Ion Ratio Lower Upper
70 100
42 63.4 54.2 81.4
101 9.9 7.6 11.4
130 21.3 17.1 25.7

Manual Integrations
APPROVED

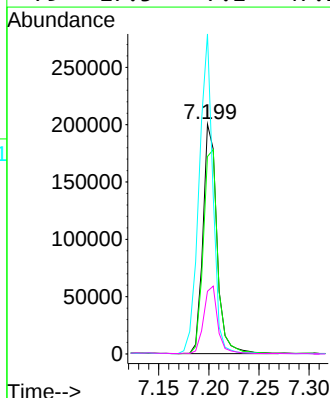
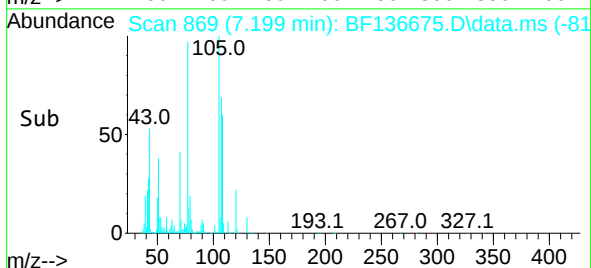
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

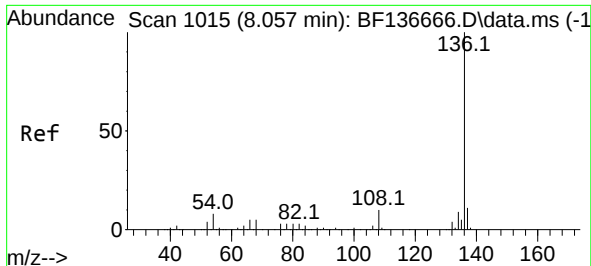


#20
3+4-Methylphenols
Concen: 38.662 ng
RT: 7.199 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion:107 Resp: 195288
Ion Ratio Lower Upper
107 100
108 85.9 66.0 106.0
77 139.3 114.2 154.2
79 27.3 7.2 47.2





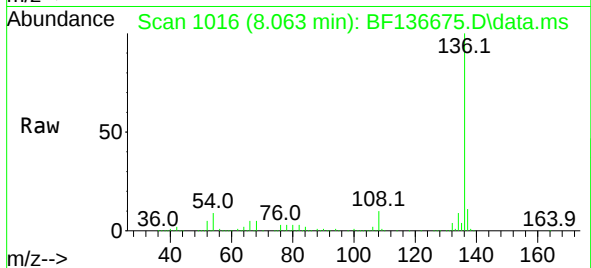
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

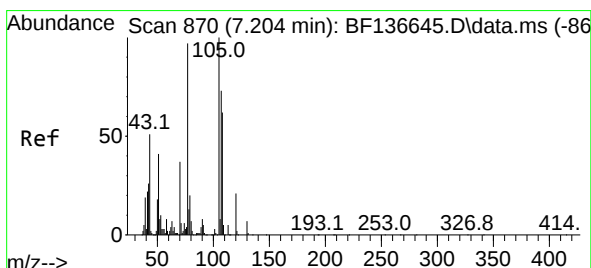
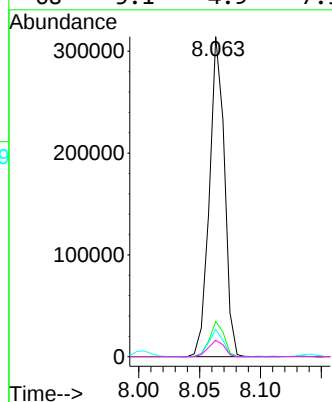
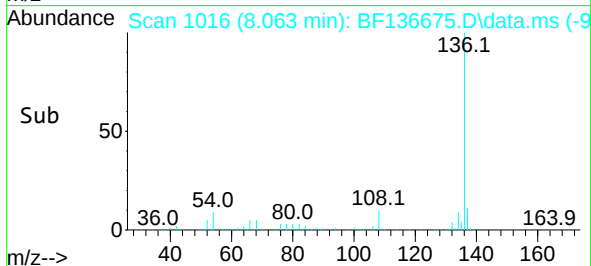


Tgt Ion:136 Resp: 269990
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.6 7.2 10.8
68 5.1 4.9 7.3

Manual Integrations

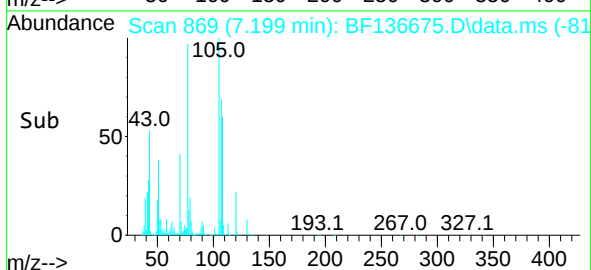
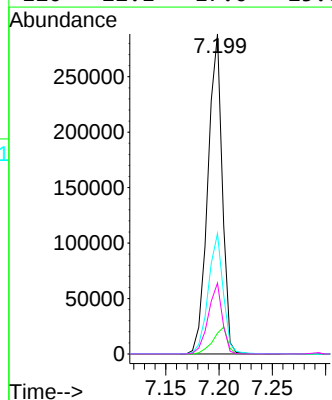
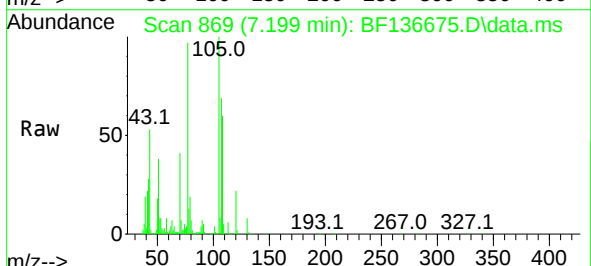
APPROVED

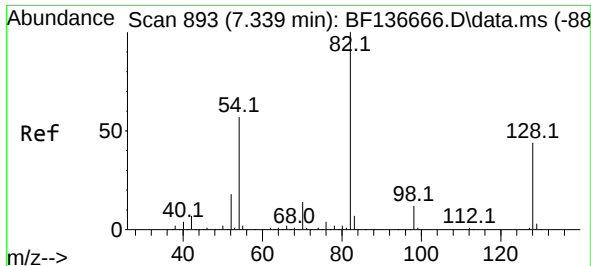
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#22
Acetophenone
Concen: 40.194 ng
RT: 7.199 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:105 Resp: 272007
Ion Ratio Lower Upper
105 100
71 6.5 4.8 7.2
51 37.7 32.8 49.2
120 22.1 17.0 25.6





#23
Nitrobenzene-d5
Concen: 80.183 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

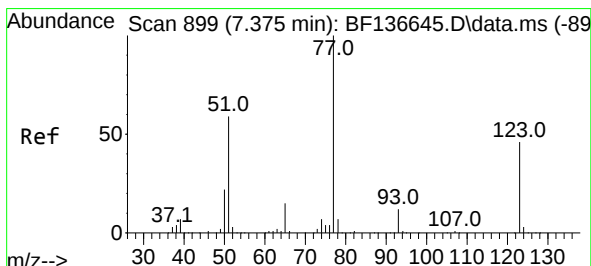
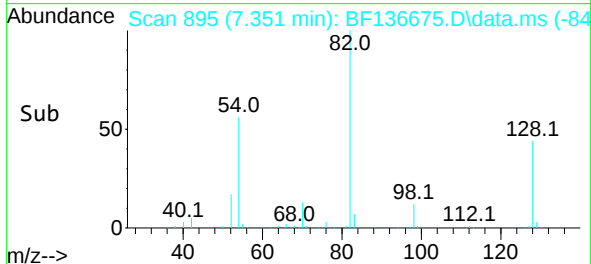
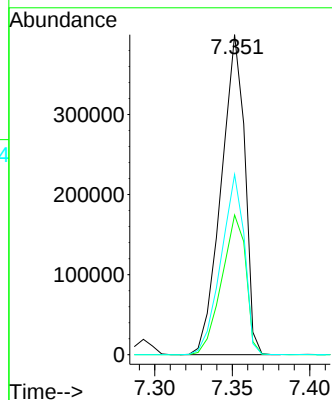
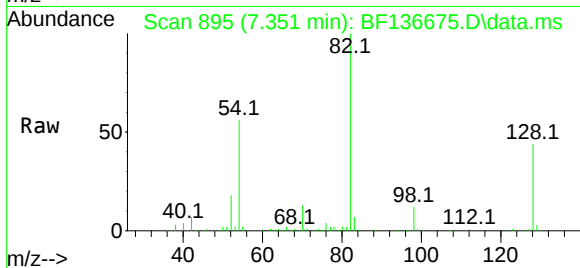
SSTDCCC040EC

Tgt Ion: 82 Resp: 423074
Ion Ratio Lower Upper
82 100
128 43.6 35.3 52.9
54 56.3 44.5 66.7

Manual Integrations

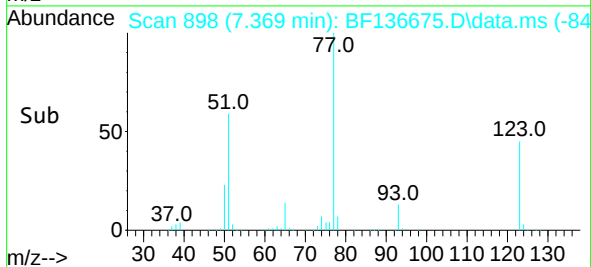
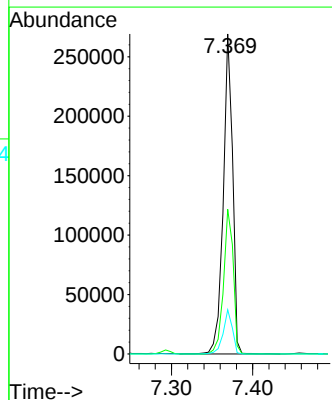
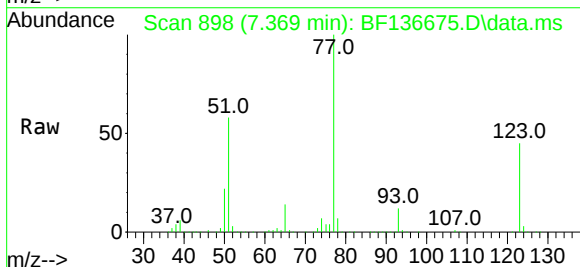
APPROVED

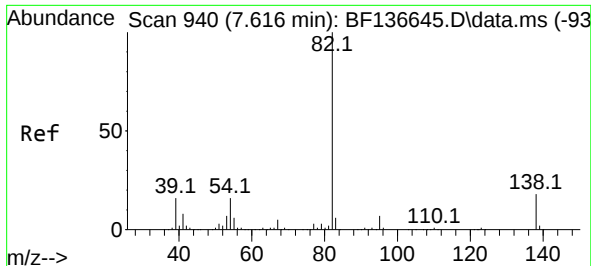
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#24
Nitrobenzene
Concen: 41.185 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

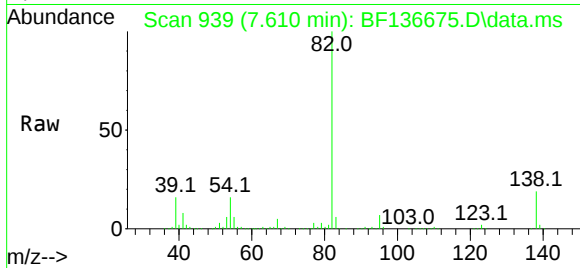
Tgt Ion: 77 Resp: 217683
Ion Ratio Lower Upper
77 100
123 45.2 36.7 55.1
65 13.8 11.8 17.6





#25
Isophorone
Concen: 39.700 ng
RT: 7.610 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

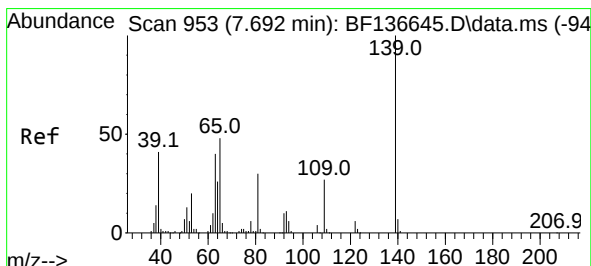
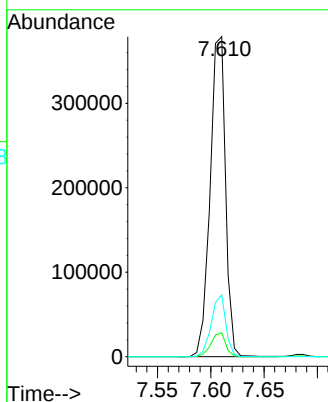
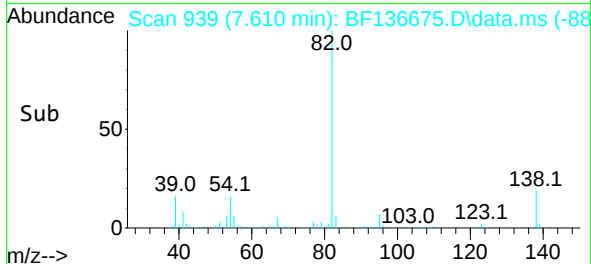
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



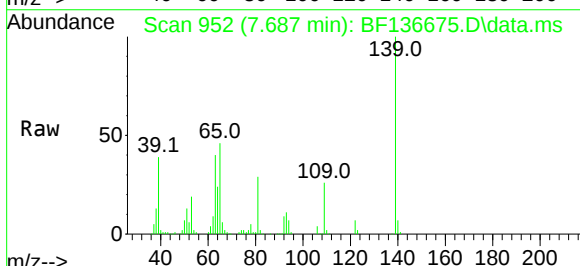
Tgt Ion: 82 Resp: 38115
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 19.3 14.5 21.7

Manual Integrations
APPROVED

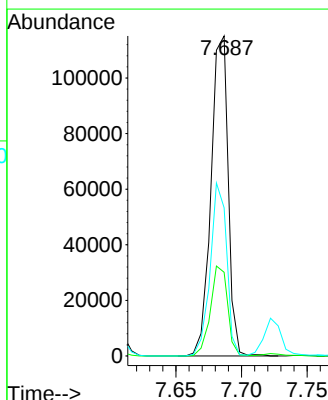
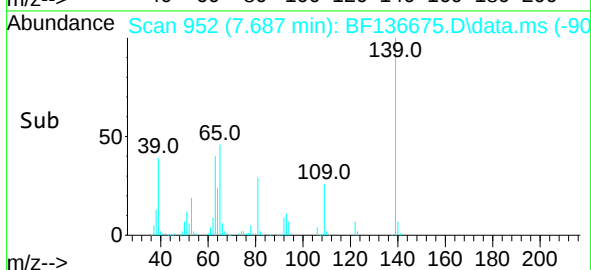
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

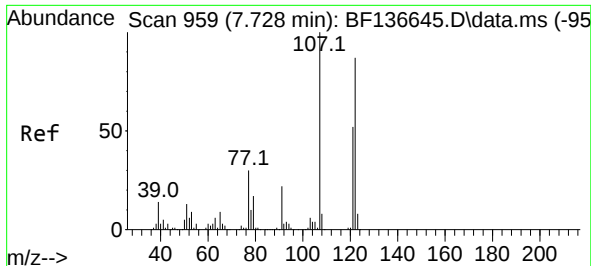


#26
2-Nitrophenol
Concen: 41.565 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion:139 Resp: 105111
Ion Ratio Lower Upper
139 100
109 26.2 21.9 32.9
65 46.3 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 40.834 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136675.D

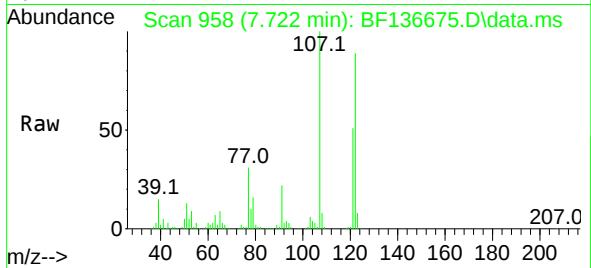
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



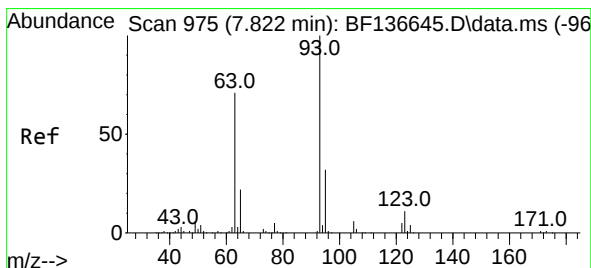
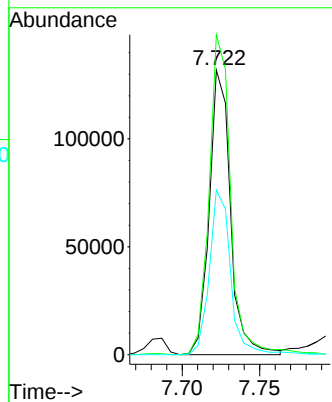
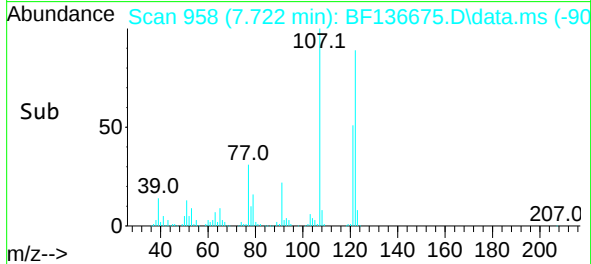
Tgt Ion:	122	Resp:	125714
Ion	Ratio	Lower	Upper
122	100		
107	112.4	92.0	138.0
121	57.9	47.5	71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.815 ng

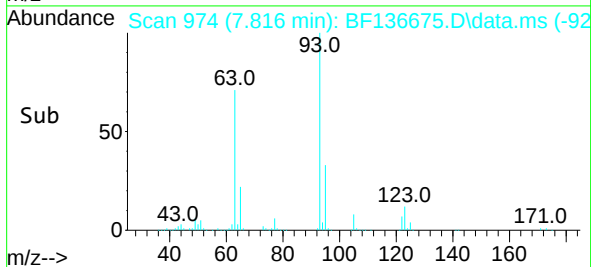
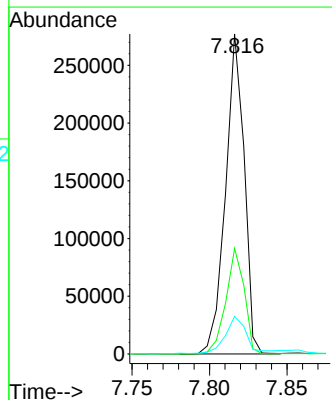
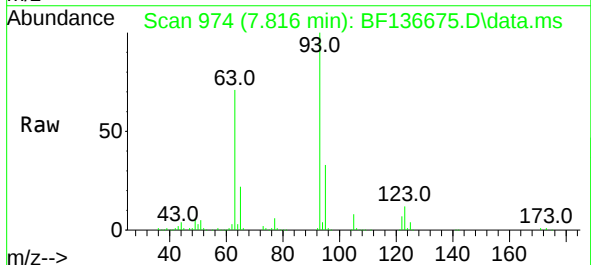
RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Tgt Ion:	93	Resp:	232354
Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.5	38.3
123	11.7	9.2	13.8





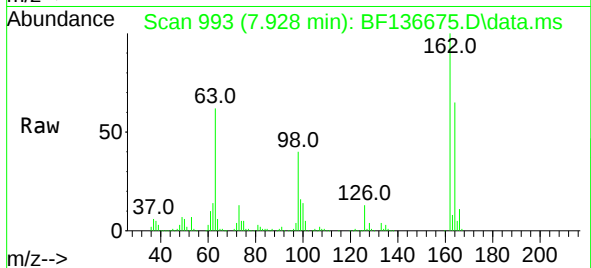
#29
2,4-Dichlorophenol
Concen: 40.040 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

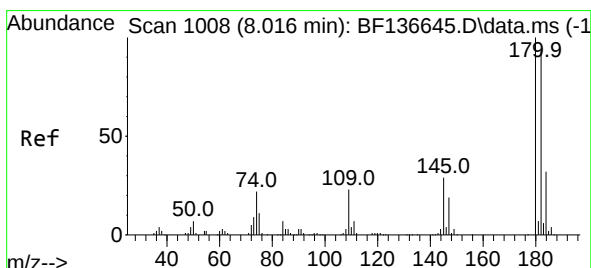
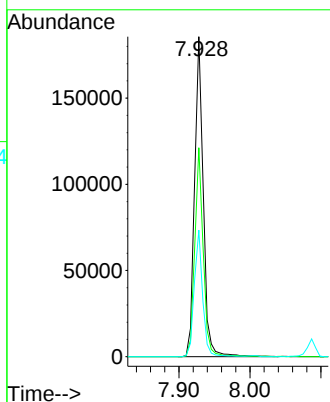
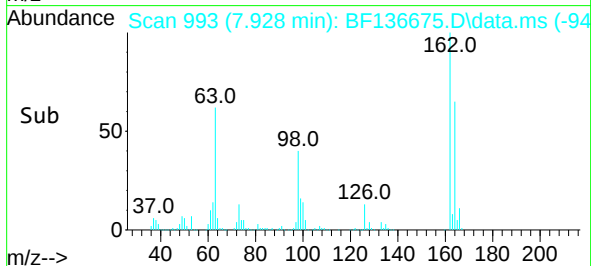


Tgt Ion:162 Resp: 158699
Ion Ratio Lower Upper
162 100
164 65.3 41.7 81.7
98 39.6 19.5 59.5

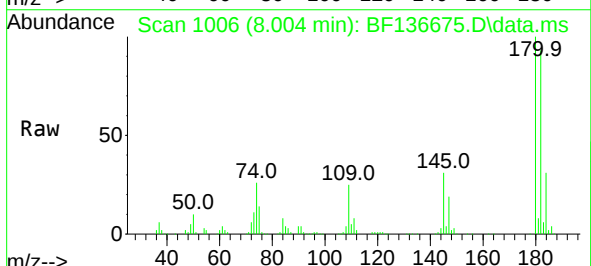
Manual Integrations

APPROVED

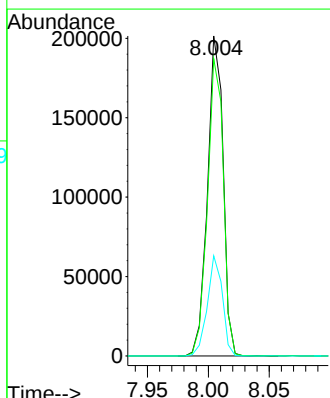
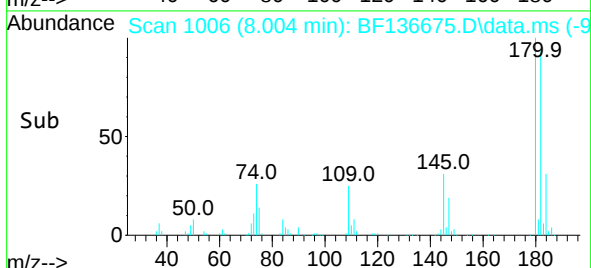
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

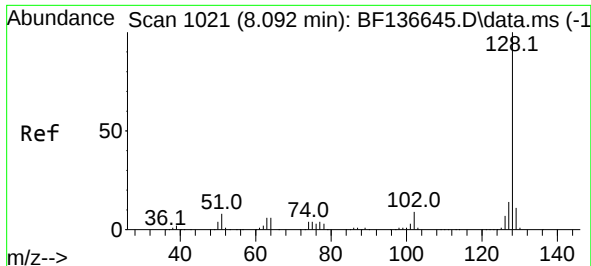


#30
1,2,4-Trichlorobenzene
Concen: 40.582 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.011 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion:180 Resp: 179218
Ion Ratio Lower Upper
180 100
182 92.9 75.4 113.0
145 31.3 23.1 34.7





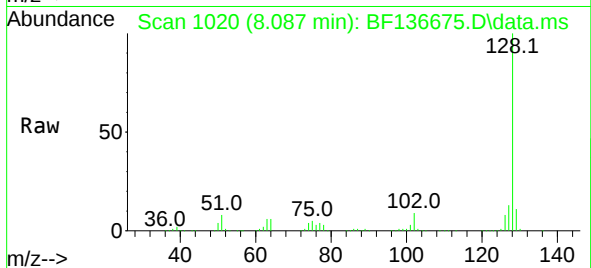
#31
Naphthalene
Concen: 39.841 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

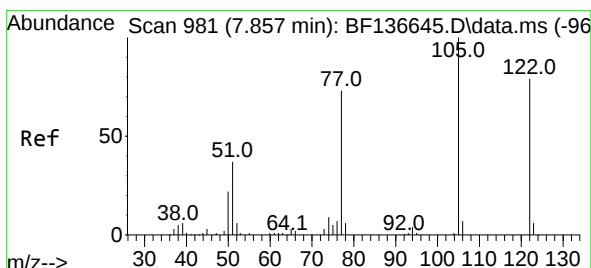
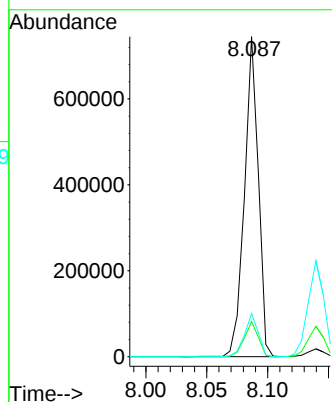
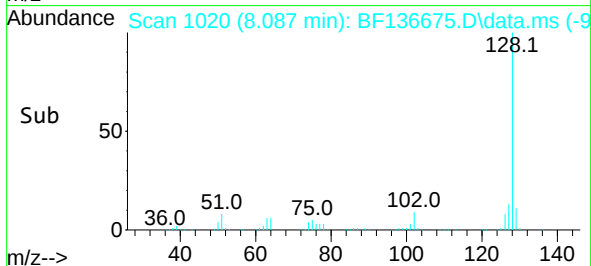


Tgt Ion:128 Resp: 590960
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.8 16.2

Manual Integrations

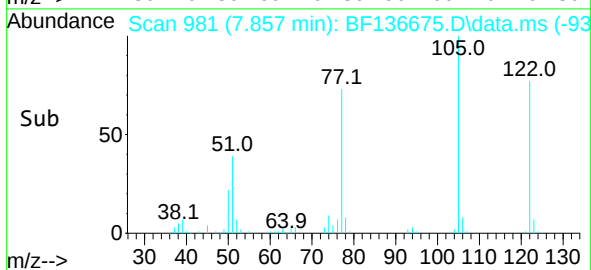
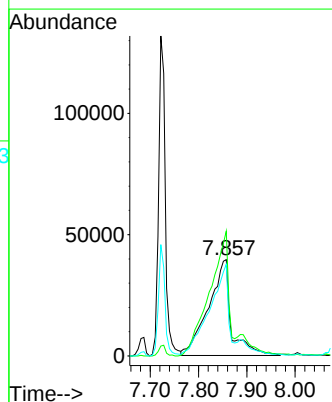
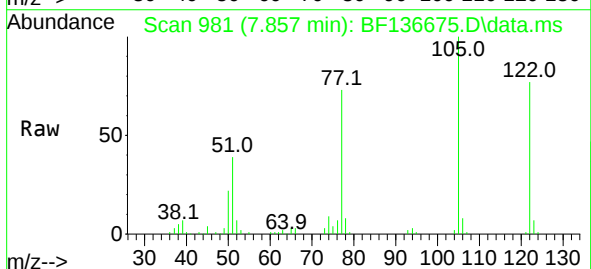
APPROVED

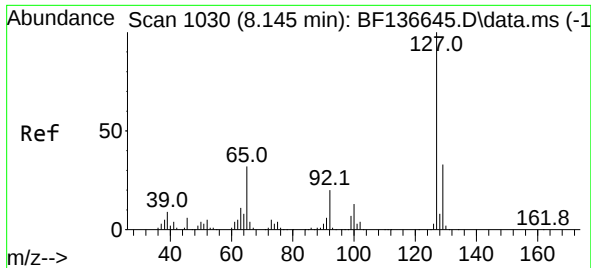
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#32
Benzoic acid
Concen: 43.446 ng m
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:122 Resp: 129420
Ion Ratio Lower Upper
122 100
105 129.7 100.8 140.8
77 95.2 70.9 110.9





#33
4-Chloroaniline
Concen: 38.617 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

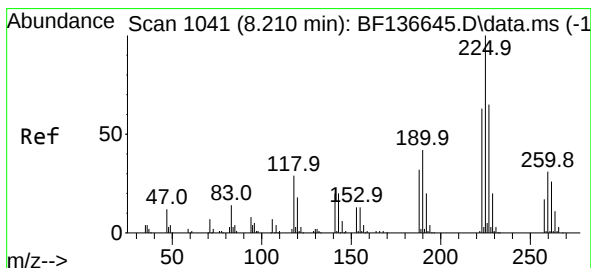
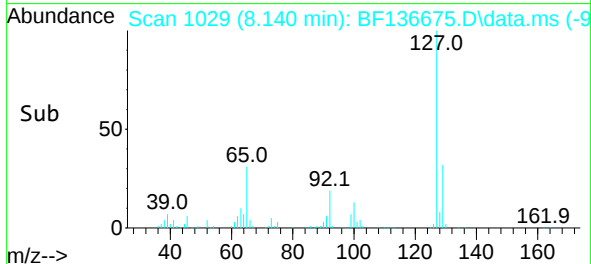
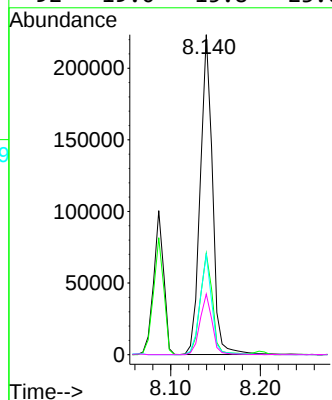
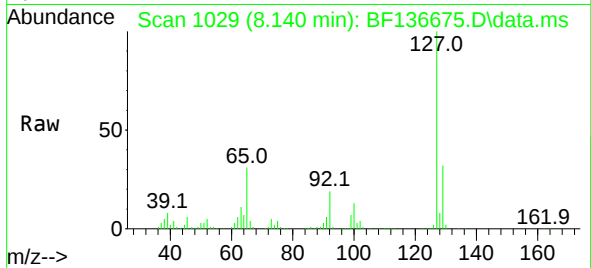
ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 211486
Ion Ratio Lower Upper
127 100
129 31.6 26.3 39.5
65 31.3 25.8 38.8
92 19.0 15.8 23.6

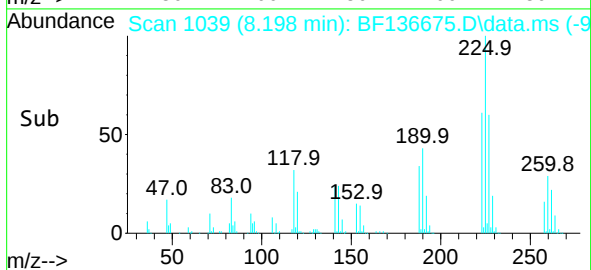
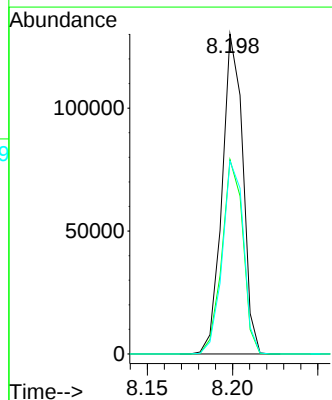
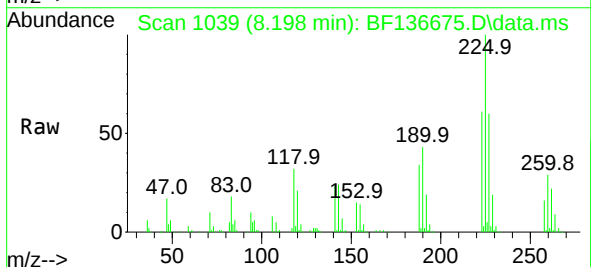
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#34
Hexachlorobutadiene
Concen: 40.948 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.011 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:225 Resp: 109866
Ion Ratio Lower Upper
225 100
223 60.8 50.6 76.0
227 60.3 51.9 77.9





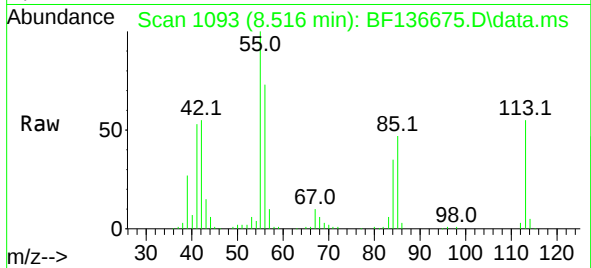
#35
Caprolactam
Concen: 37.632 ng
RT: 8.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

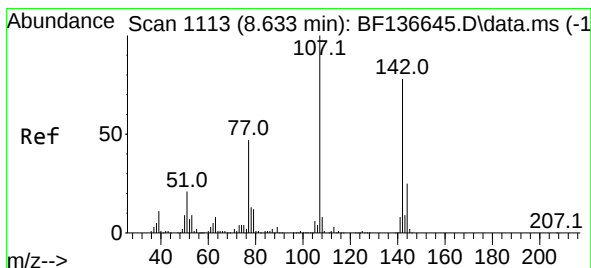
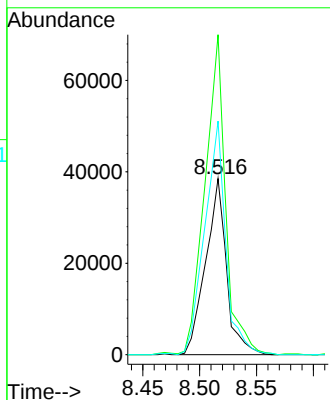
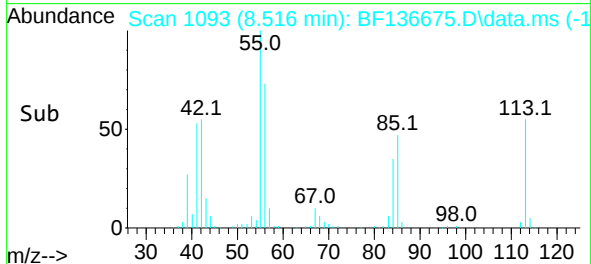


Tgt Ion:113 Resp: 49200
Ion Ratio Lower Upper
113 100
55 181.7 163.1 203.1
56 132.7 121.7 161.7

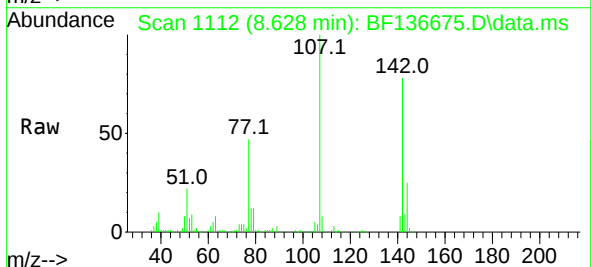
Manual Integrations

APPROVED

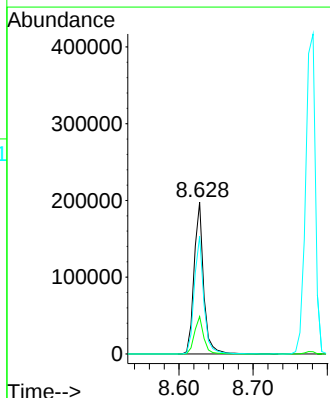
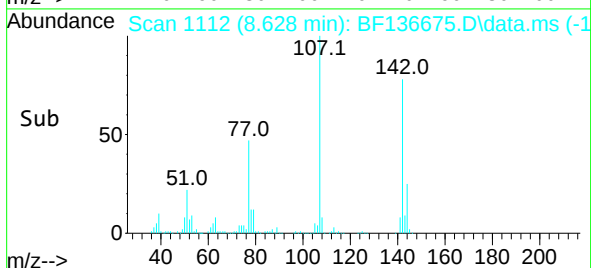
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

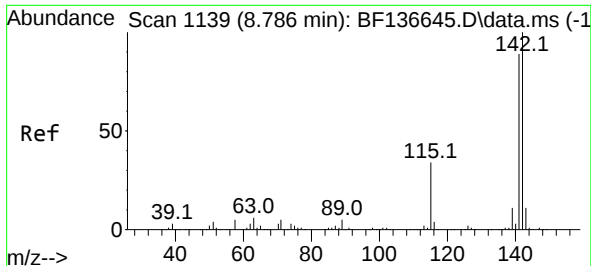


#36
4-Chloro-3-methylphenol
Concen: 39.426 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion:107 Resp: 175923
Ion Ratio Lower Upper
107 100
144 24.7 20.2 30.2
142 77.5 62.3 93.5





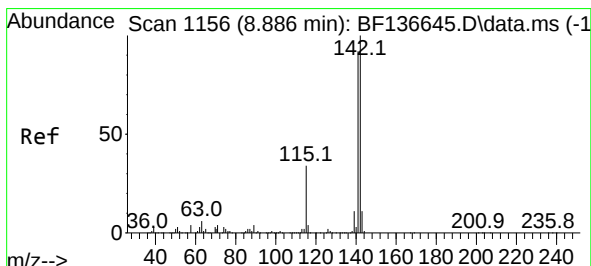
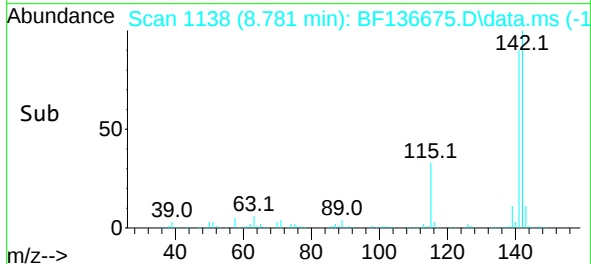
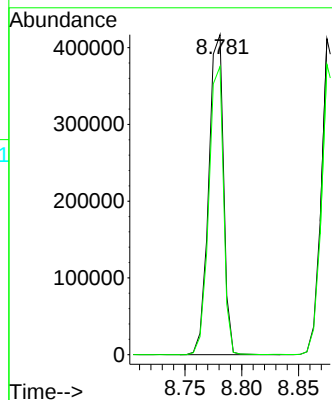
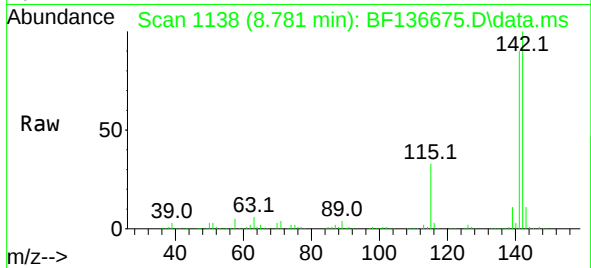
#37
2-Methylnaphthalene
Concen: 39.602 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 37804
Ion Ratio Lower Upper
142 100
141 90.1 71.1 106.7

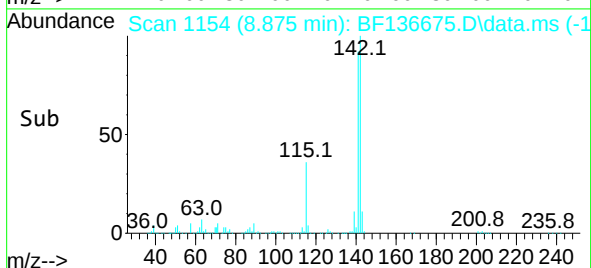
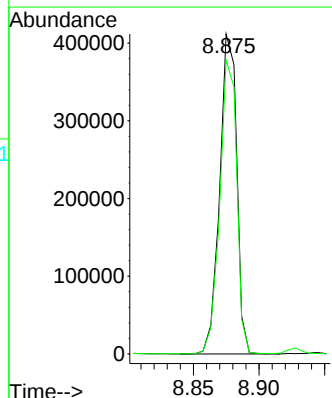
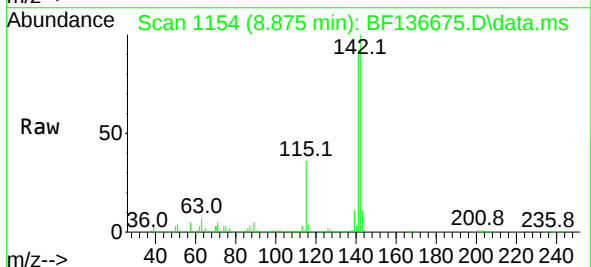
Manual Integrations
APPROVED

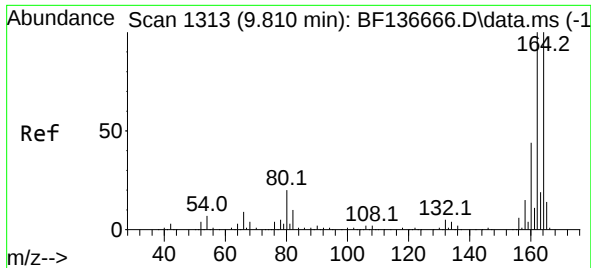
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#38
1-Methylnaphthalene
Concen: 39.568 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.011 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:142 Resp: 370575
Ion Ratio Lower Upper
142 100
141 91.8 73.6 110.4





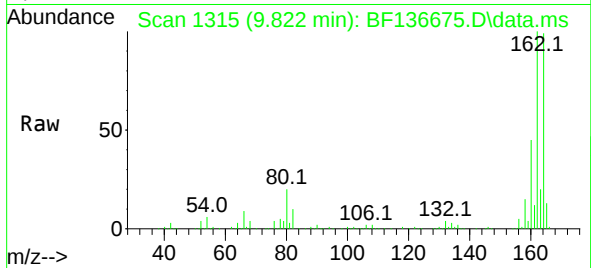
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



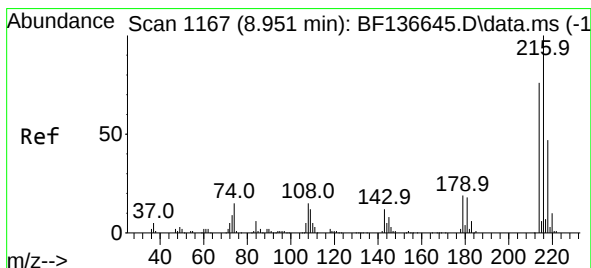
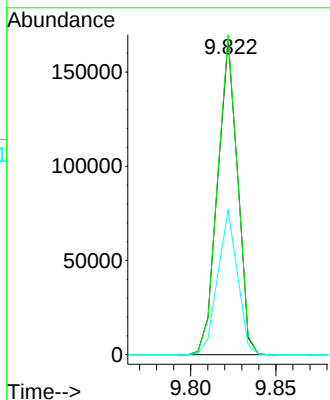
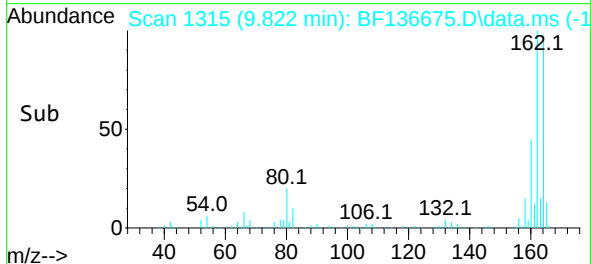
Tgt Ion:164 Resp: 136598
Ion Ratio Lower Upper
164 100
162 101.5 81.6 122.4
160 45.8 34.9 52.3

Manual Integrations

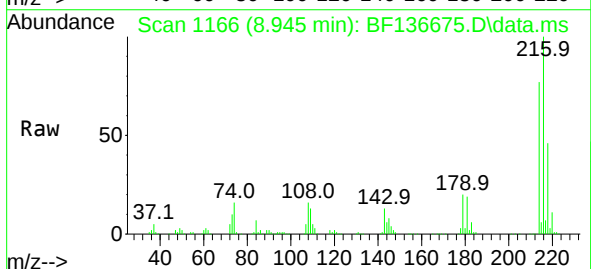
APPROVED

Reviewed By :Yogesh Patel 12/22/2023

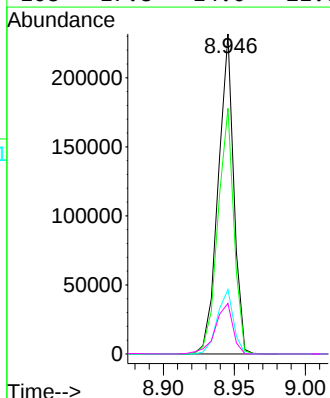
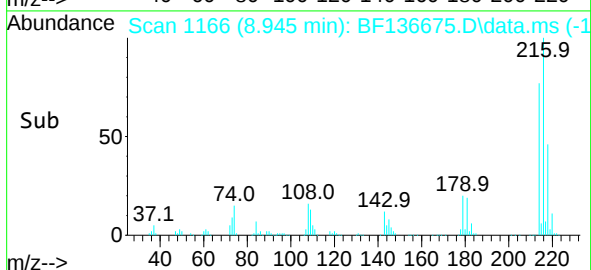
Supervised By :mohammad ahmed 12/22/2023

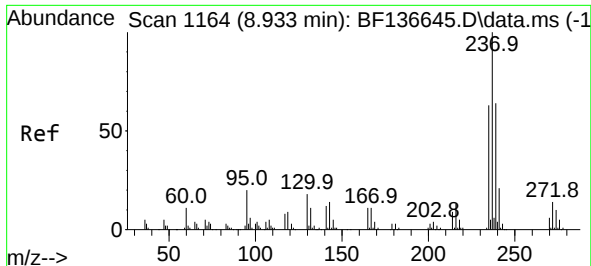


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.599 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



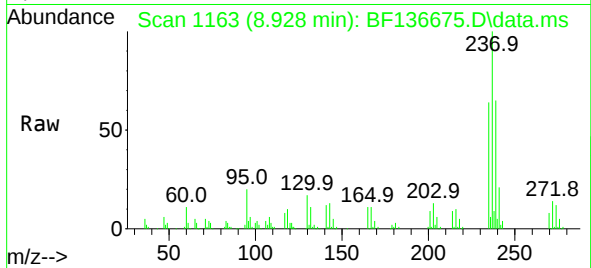
Tgt Ion:216 Resp: 175979
Ion Ratio Lower Upper
216 100
214 78.7 62.3 93.5
179 20.8 16.4 24.6
108 17.8 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 37.606 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

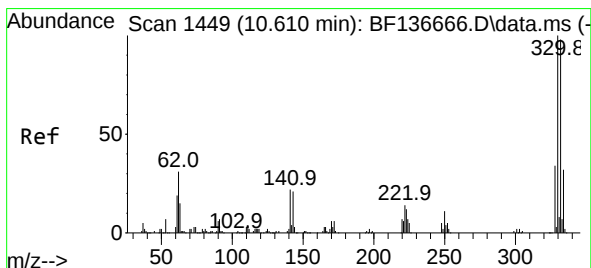
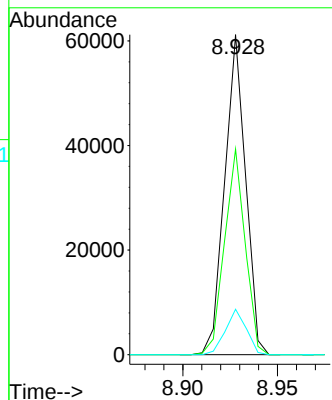
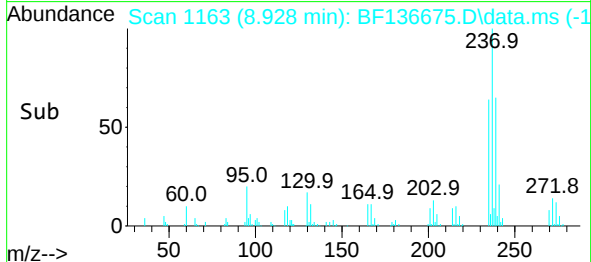
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



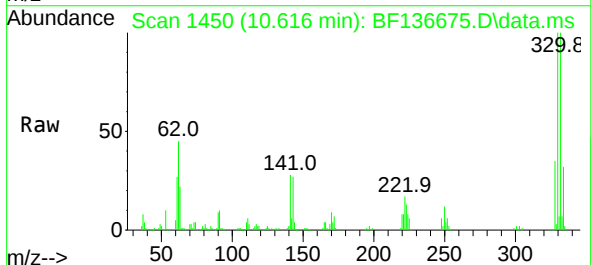
Tgt Ion:237 Resp: 46998
Ion Ratio Lower Upper
237 100
235 64.2 43.2 83.2
272 14.2 0.0 34.2

Manual Integrations
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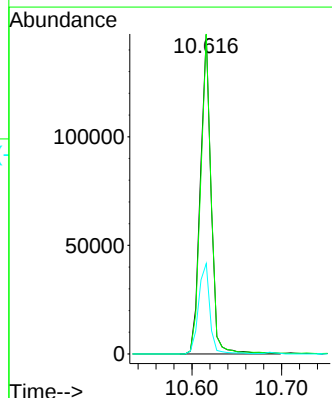
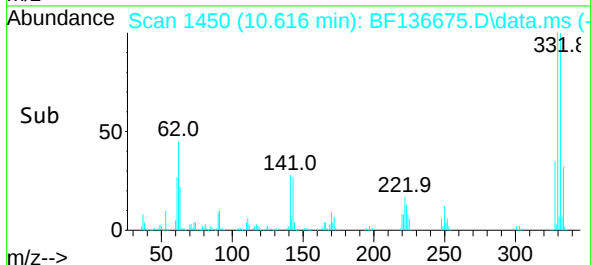
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#42
2,4,6-Tribromophenol
Concen: 75.656 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



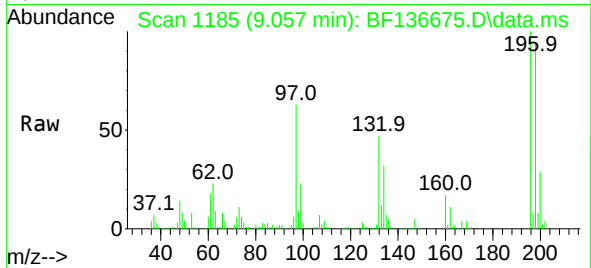
Tgt Ion:330 Resp: 121711
Ion Ratio Lower Upper
330 100
332 98.5 77.4 116.0
141 30.0 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 41.577 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

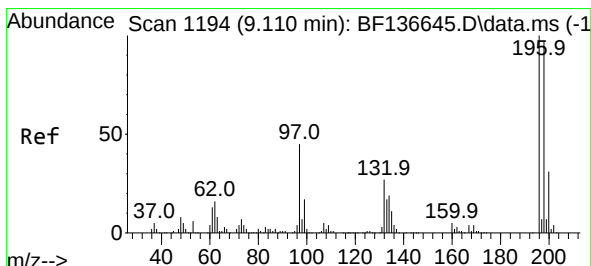
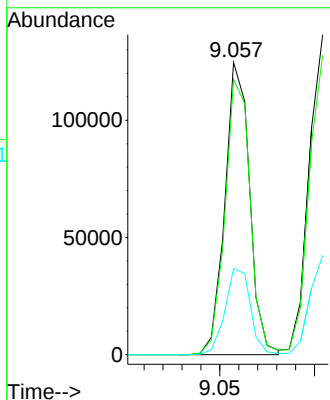
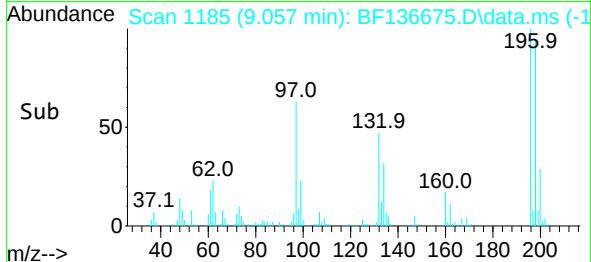
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



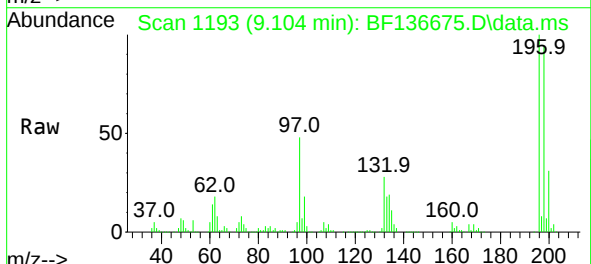
Tgt Ion:196 Resp: 112800
Ion Ratio Lower Upper
196 100
198 94.2 75.1 112.7
200 29.4 22.5 33.7

Manual Integrations
APPROVED

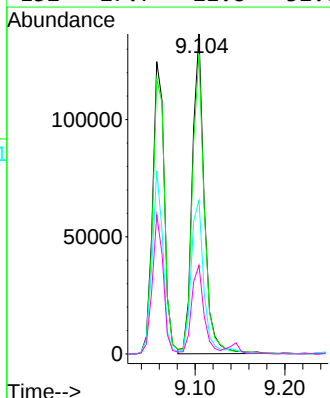
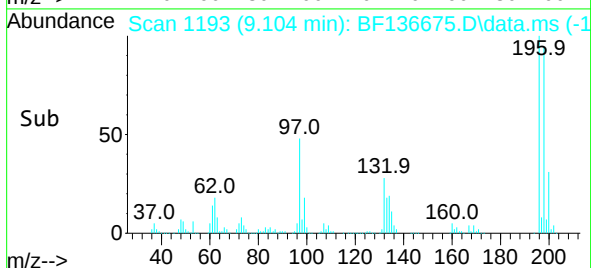
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

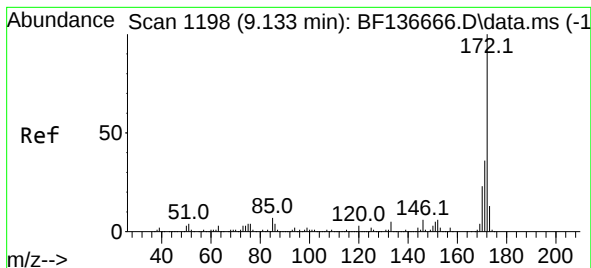


#44
2,4,5-Trichlorophenol
Concen: 41.844 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion:196 Resp: 126505
Ion Ratio Lower Upper
196 100
198 93.6 77.0 115.6
97 48.0 36.1 54.1
132 27.7 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 81.190 ng

RT: 9.145 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:172 Resp: 824570

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

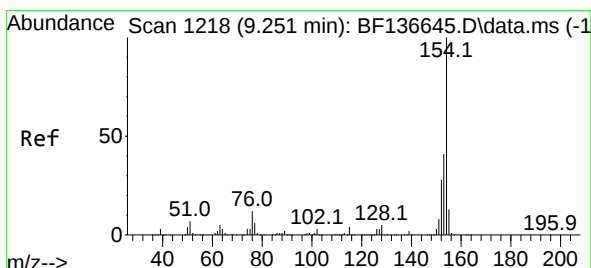
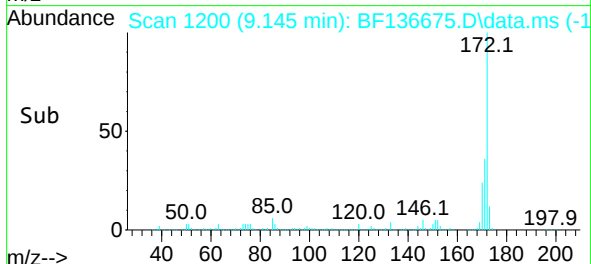
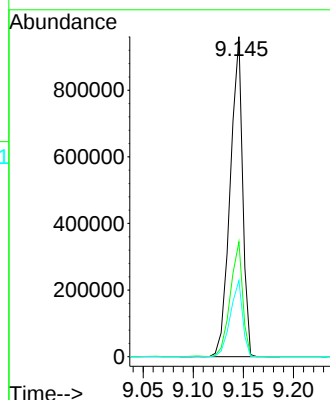
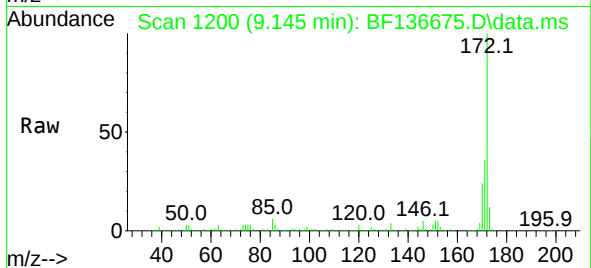
170 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#46

1,1'-Biphenyl

Concen: 41.007 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

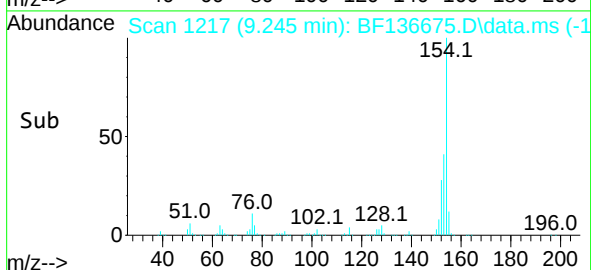
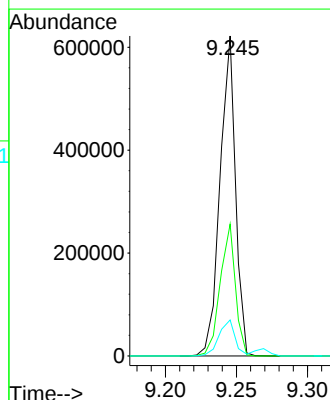
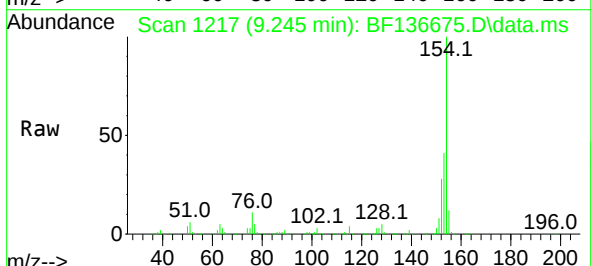
Tgt Ion:154 Resp: 470054

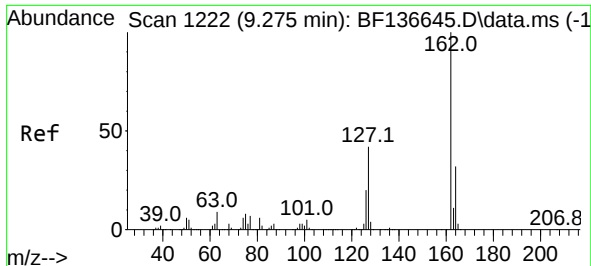
Ion Ratio Lower Upper

154 100

153 41.2 21.1 61.1

76 11.2 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.896 ng

RT: 9.269 min Scan# 1222

Delta R.T. -0.005 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 35637

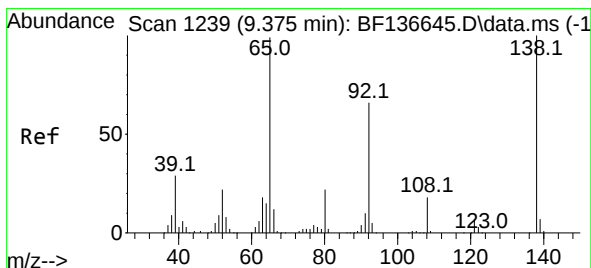
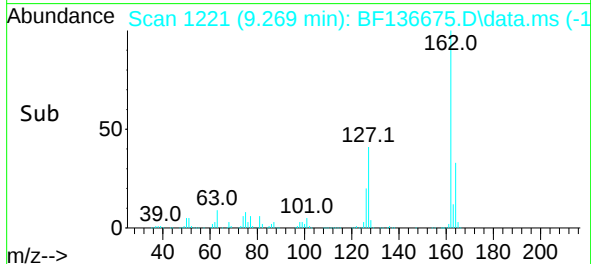
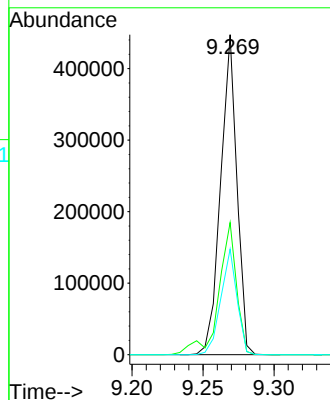
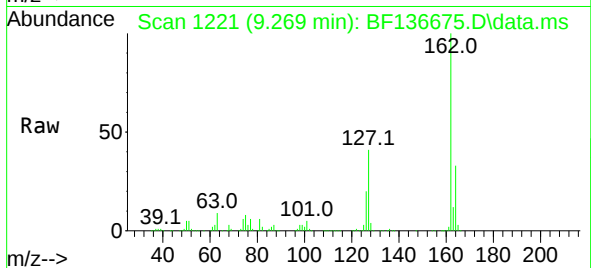
Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.6	50.4
164	33.0	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#48

2-Nitroaniline

Concen: 39.787 ng

RT: 9.369 min Scan# 1238

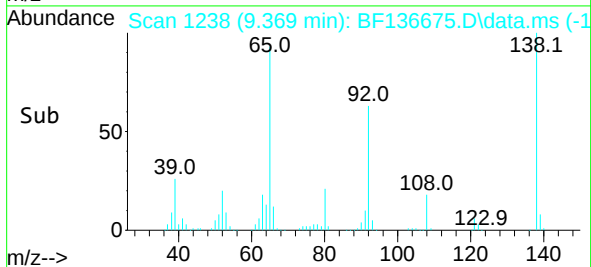
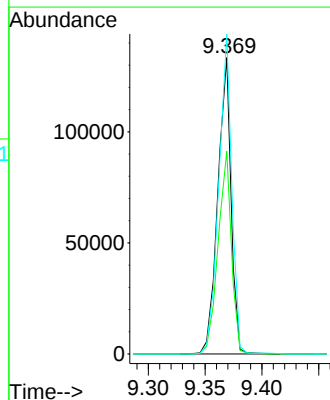
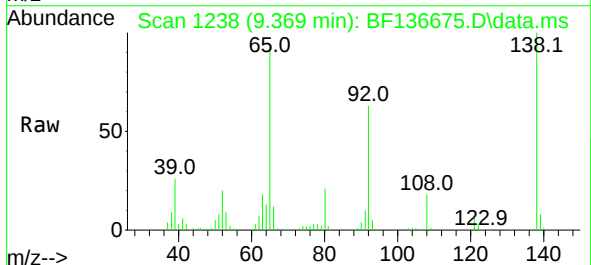
Delta R.T. -0.006 min

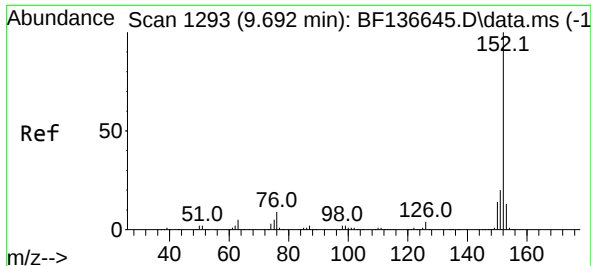
Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Tgt Ion: 65 Resp: 108572

Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.2	79.8
138	108.0	81.1	121.7





#49

Acenaphthylene

Concen: 41.140 ng

RT: 9.687 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:152 Resp: 54796

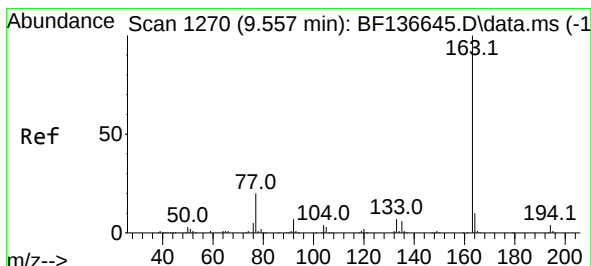
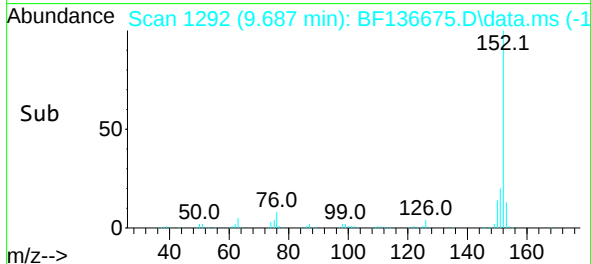
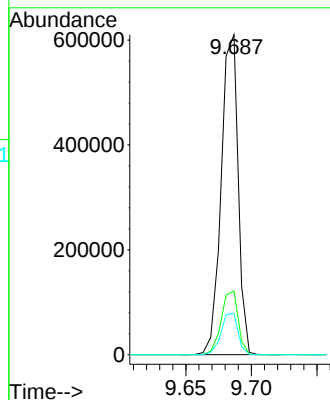
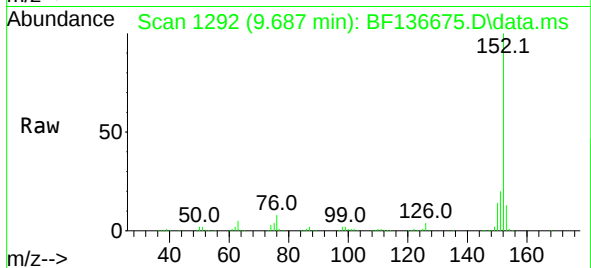
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	12.9	10.2	15.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#50

Dimethylphthalate

Concen: 39.390 ng

RT: 9.551 min Scan# 1269

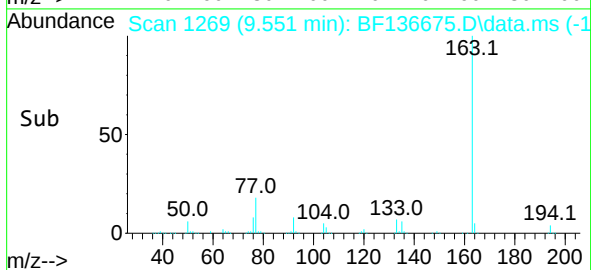
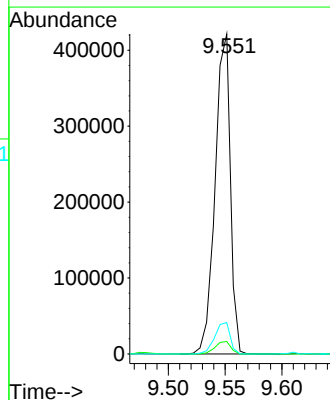
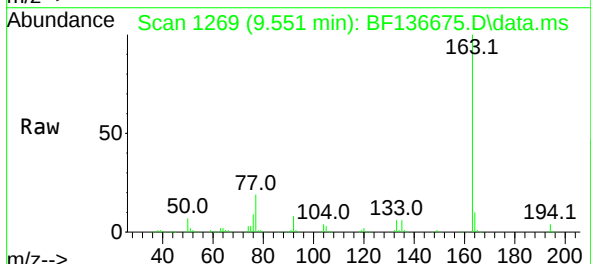
Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Tgt Ion:163 Resp: 393008

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.8	7.8	11.6





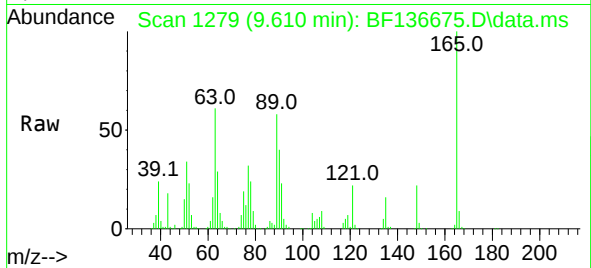
#51
2,6-Dinitrotoluene
Concen: 39.746 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.011 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

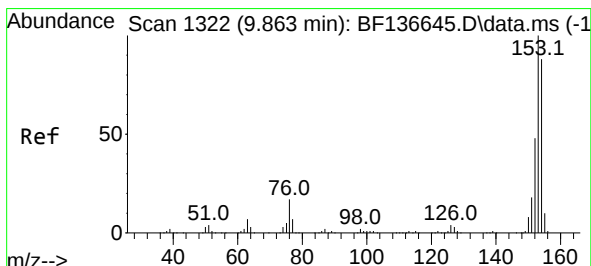
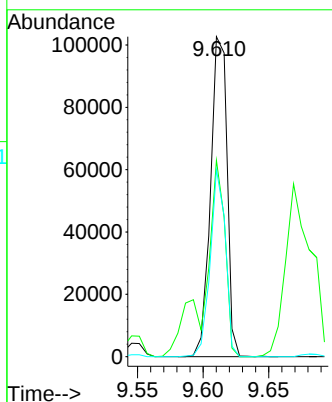
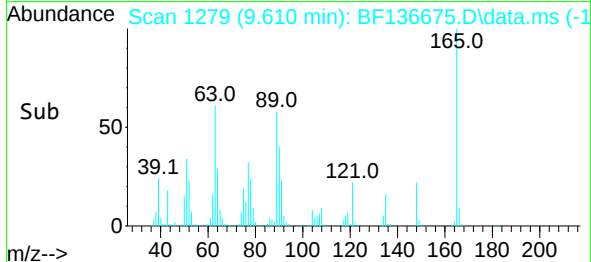
SSTDCCC040EC



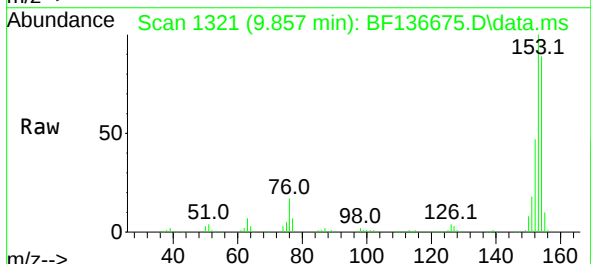
Tgt Ion:165 Resp: 90000
Ion Ratio Lower Upper
165 100
63 61.3 39.8 59.6
89 58.4 38.8 58.2

Manual Integrations
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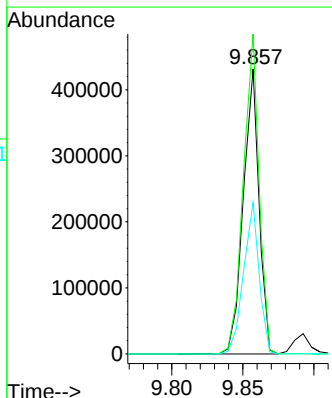
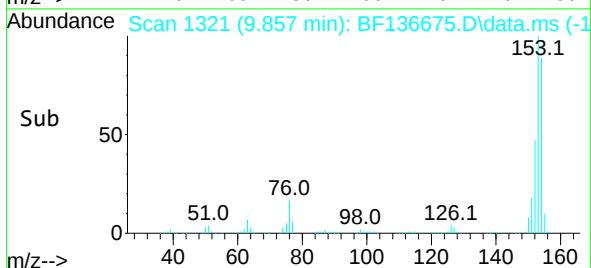
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

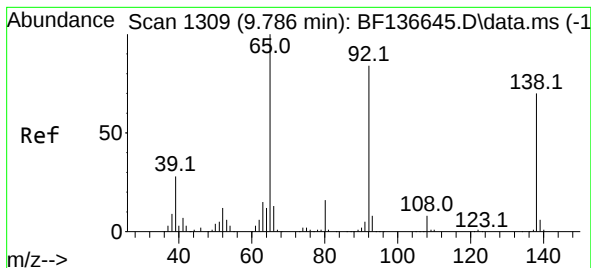


#52
Acenaphthene
Concen: 40.414 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion:154 Resp: 333674
Ion Ratio Lower Upper
154 100
153 112.3 90.7 136.1
152 53.2 43.7 65.5





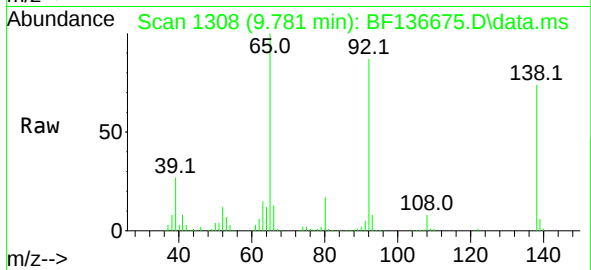
#53
3-Nitroaniline
Concen: 38.510 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



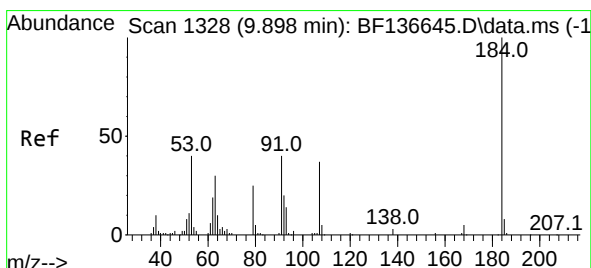
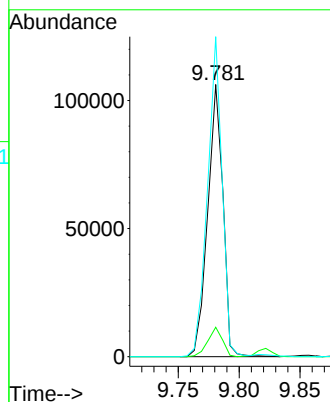
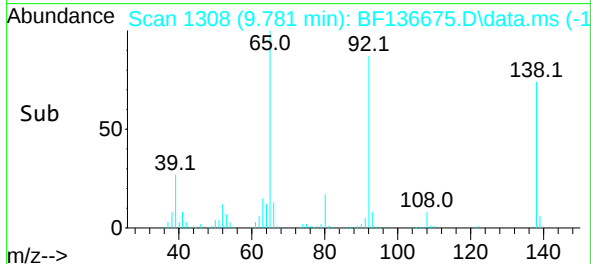
Tgt Ion:138 Resp: 92374
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 117.6 95.2 142.8

Manual Integrations

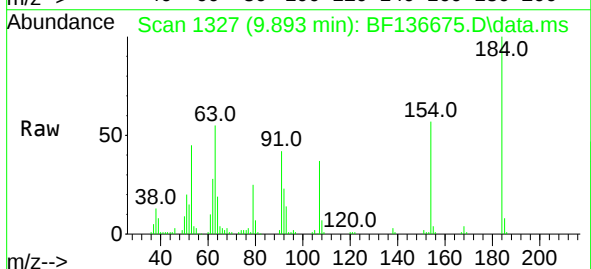
APPROVED

Reviewed By :Yogesh Patel 12/22/2023

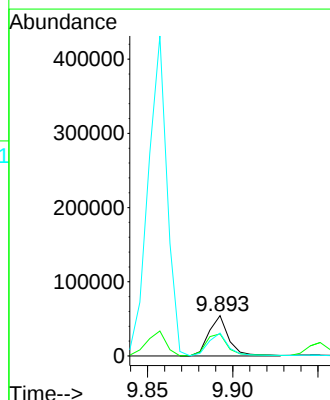
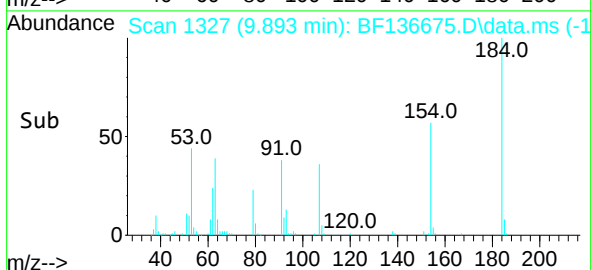
Supervised By :mohammad ahmed 12/22/2023

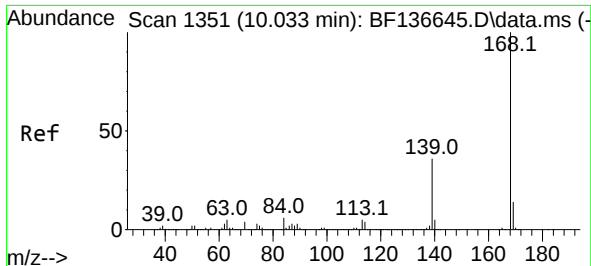


#54
2,4-Dinitrophenol
Concen: 37.382 ng
RT: 9.893 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



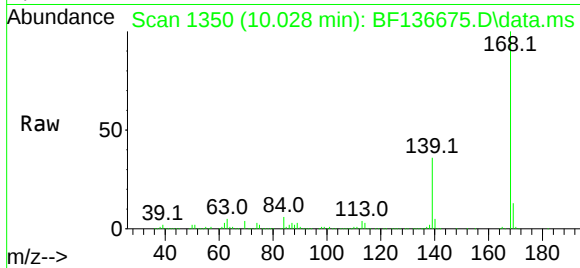
Tgt Ion:184 Resp: 44294
Ion Ratio Lower Upper
184 100
63 54.8 40.9 61.3
154 56.6 42.7 64.1





#55
Dibenzofuran
Concen: 39.794 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

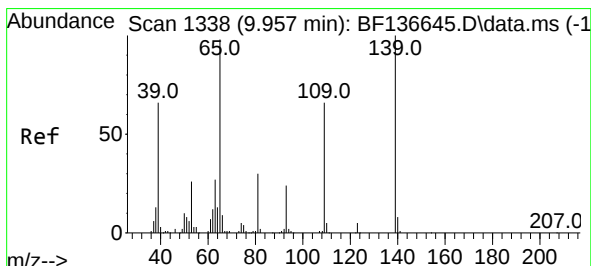
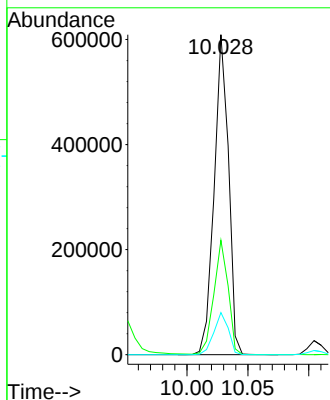
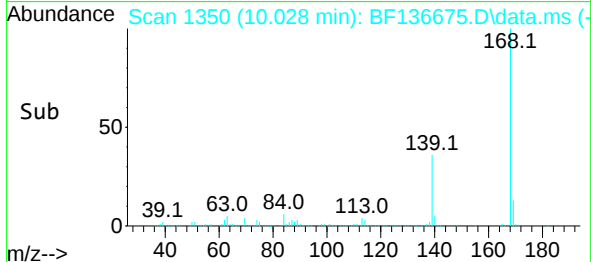
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



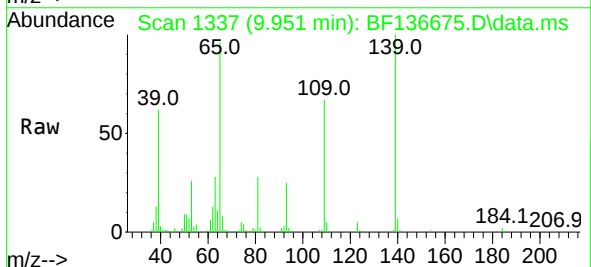
Tgt Ion:168 Resp: 498048
Ion Ratio Lower Upper
168 100
139 35.7 29.3 43.9
169 13.1 11.0 16.4

Manual Integrations
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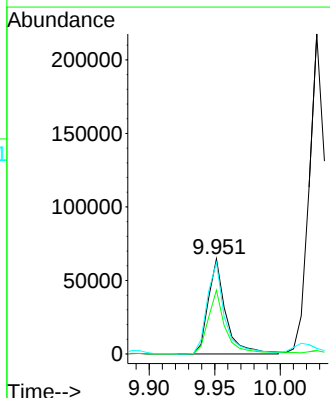
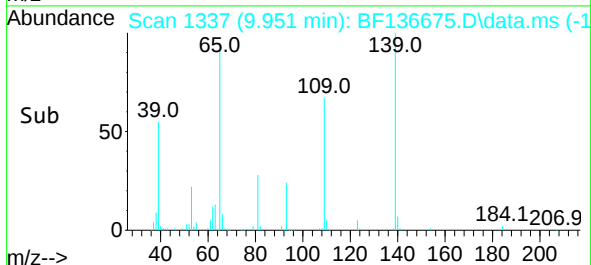
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

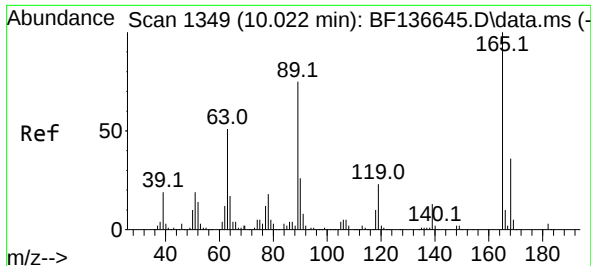


#56
4-Nitrophenol
Concen: 37.253 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion:139 Resp: 60322
Ion Ratio Lower Upper
139 100
109 67.1 45.8 85.8
65 96.2 77.8 117.8





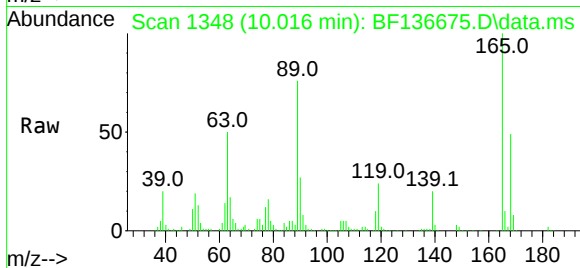
#57
2,4-Dinitrotoluene
Concen: 38.235 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

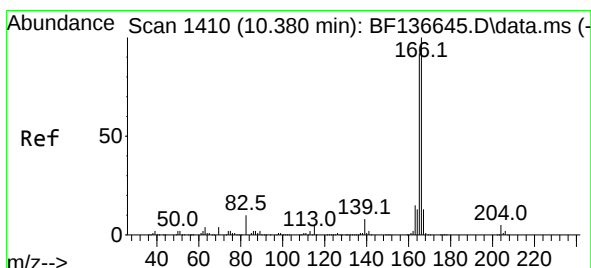
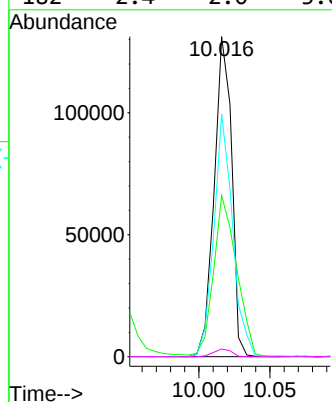
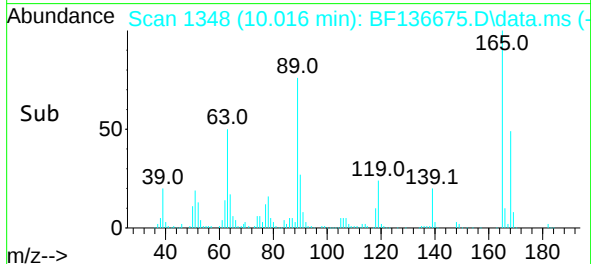


Tgt Ion:165 Resp: 11239
Ion Ratio Lower Upper
165 100
63 50.4 41.0 61.6
89 75.8 59.9 89.9
182 2.4 2.0 3.0

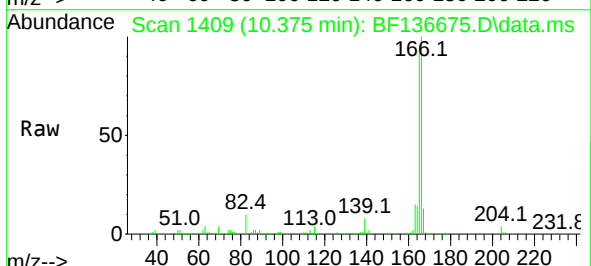
Manual Integrations

APPROVED

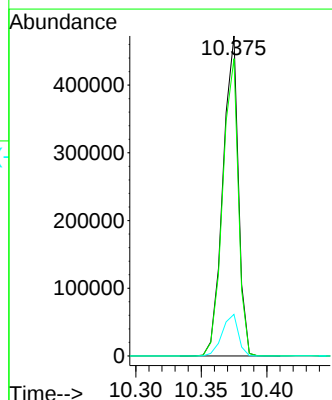
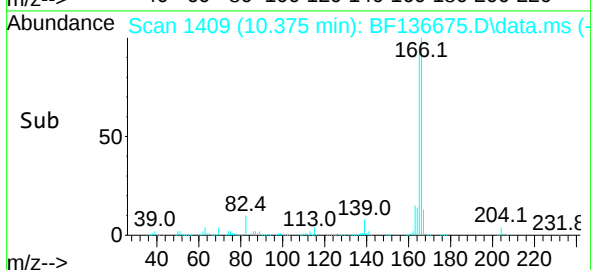
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

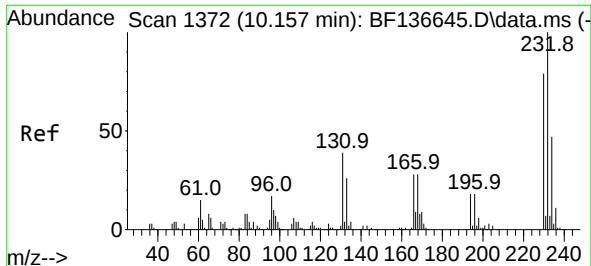


#58
Fluorene
Concen: 38.844 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



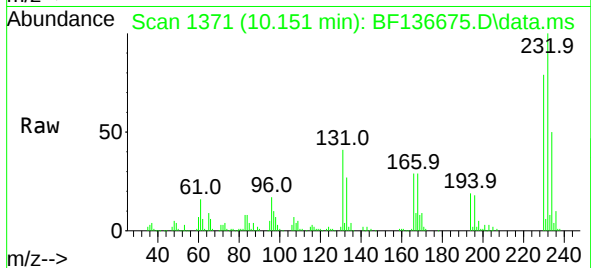
Tgt Ion:166 Resp: 385750
Ion Ratio Lower Upper
166 100
165 92.9 73.7 110.5
167 13.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.962 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

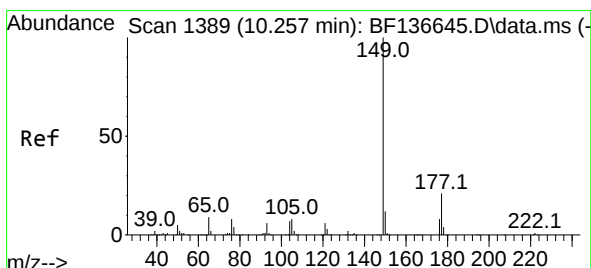
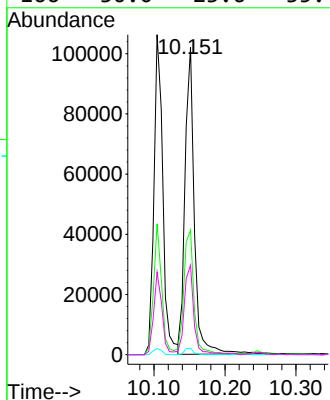
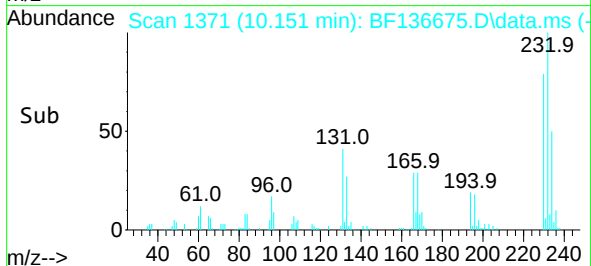
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:232 Resp: 93000
Ion Ratio Lower Upper
232 100
131 44.7 35.1 52.7
130 2.0 1.6 2.4
166 30.0 23.6 35.4

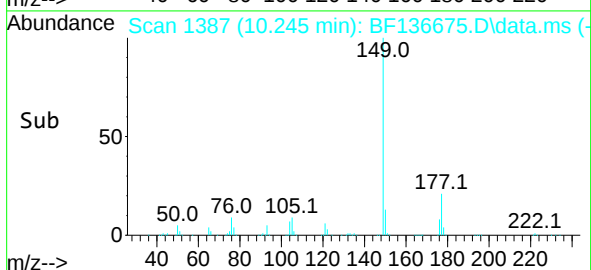
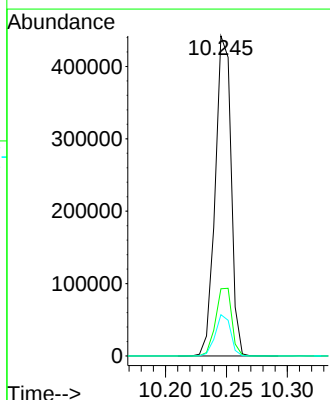
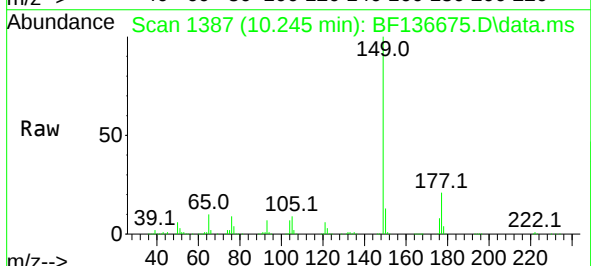
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#60
Diethylphthalate
Concen: 38.655 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.011 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

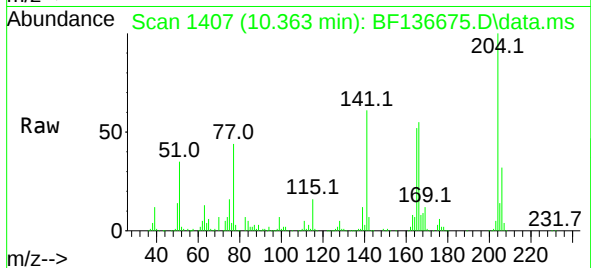
Tgt Ion:149 Resp: 400161
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.9 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 39.824 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

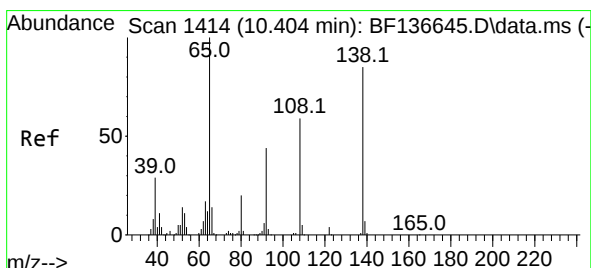
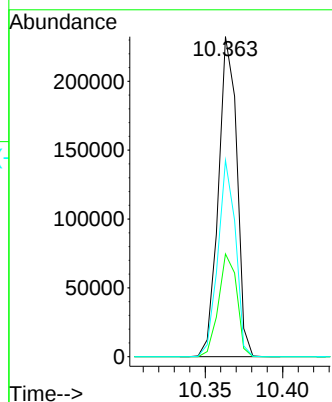
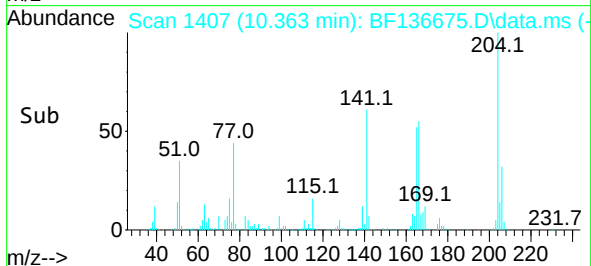
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:204 Resp: 19223
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 61.3 48.4 72.6

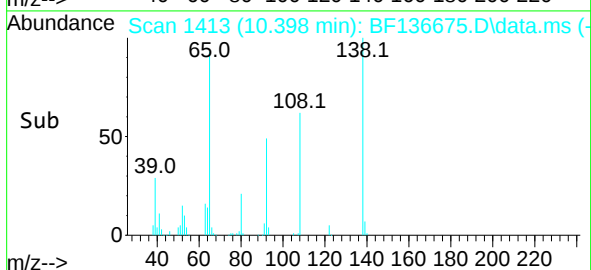
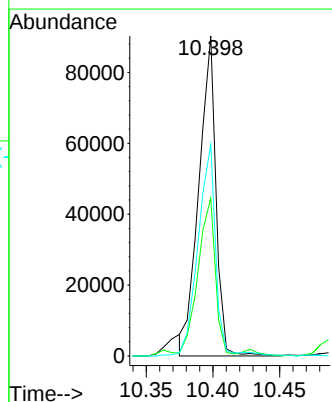
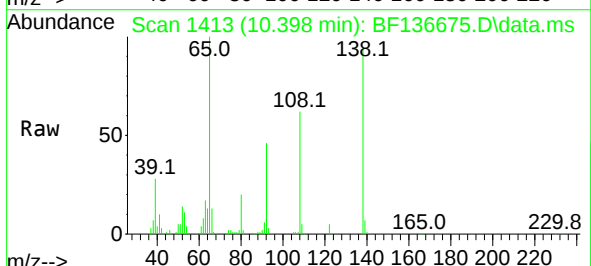
Manual Integrations
APPROVED

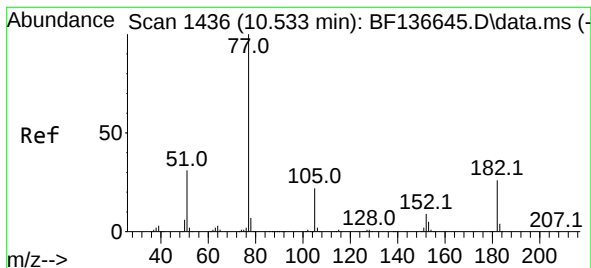
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#62
4-Nitroaniline
Concen: 34.882 ng m
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:138 Resp: 80662
Ion Ratio Lower Upper
138 100
92 49.4 32.1 72.1
108 66.1 50.1 90.1





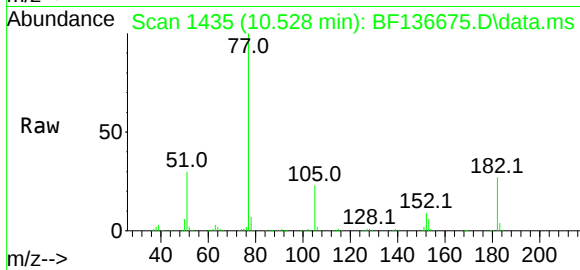
#63
Azobenzene
Concen: 39.324 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

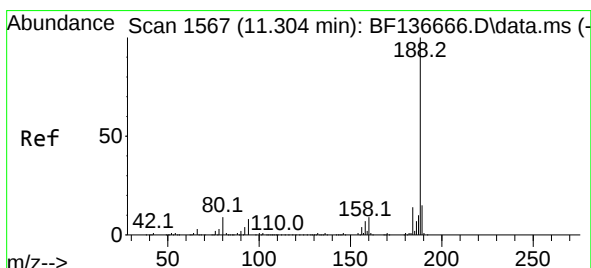
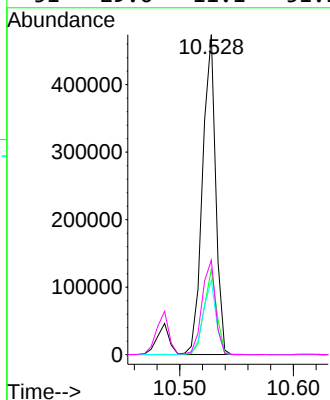
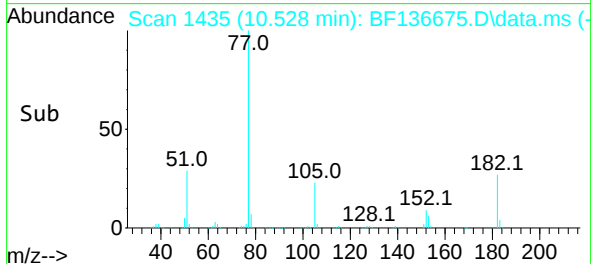


Tgt Ion: 77 Resp: 380220
Ion Ratio Lower Upper
77 100
182 26.6 6.0 46.0
105 23.2 2.3 42.3
51 29.6 11.1 51.1

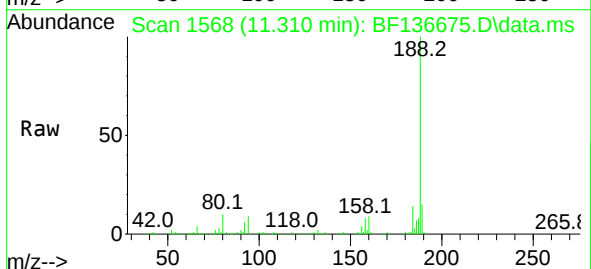
Manual Integrations

APPROVED

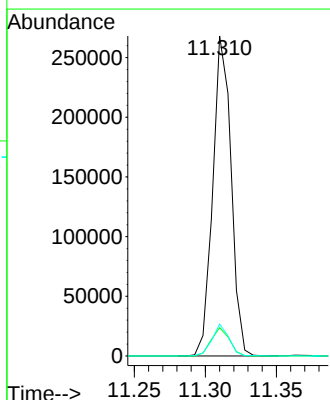
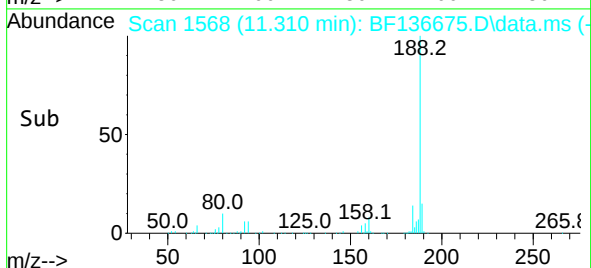
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

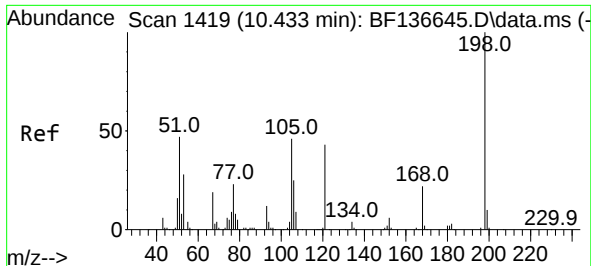


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion:188 Resp: 240536
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 9.9 8.1 12.1





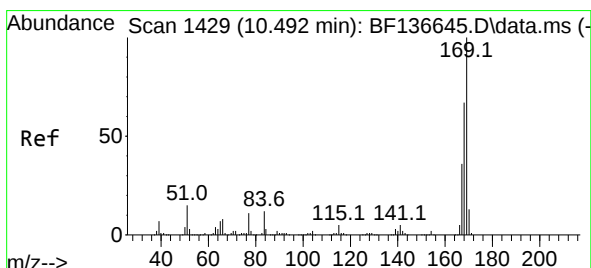
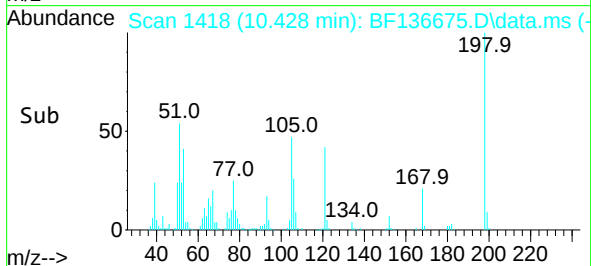
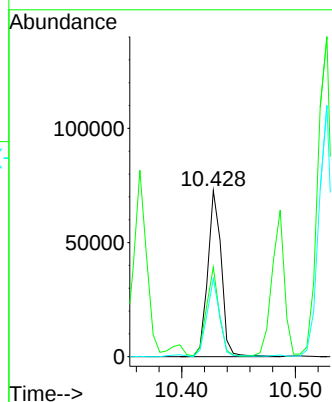
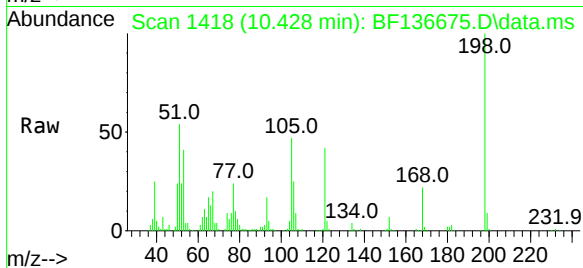
#65
4,6-Dinitro-2-methylphenol
Concen: 43.641 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 60159
Ion Ratio Lower Upper
198 100
51 53.9 34.1 74.1
105 46.9 27.3 67.3

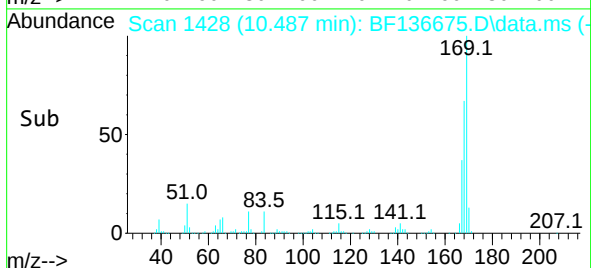
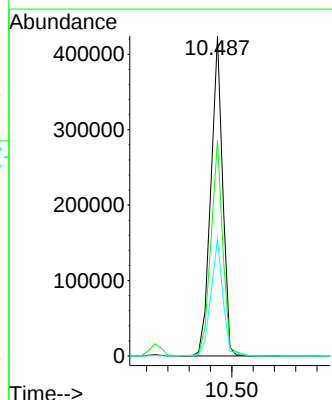
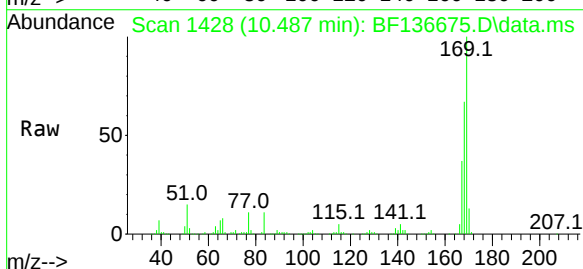
Manual Integrations
APPROVED

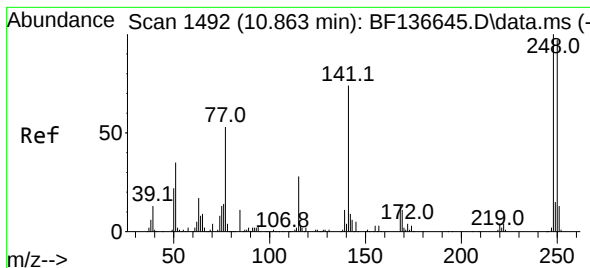
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#66
n-Nitrosodiphenylamine
Concen: 41.981 ng
RT: 10.487 min Scan# 1428
Delta R.T. -0.005 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

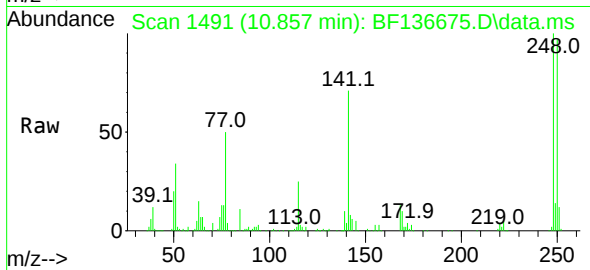
Tgt Ion:169 Resp: 328029
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.6
167 36.7 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 43.198 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

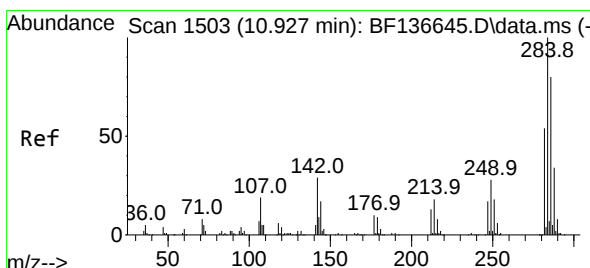
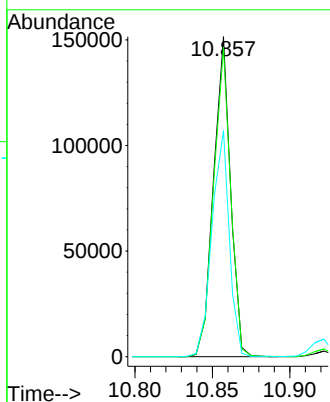
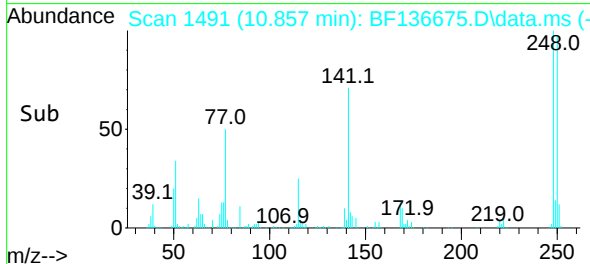
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



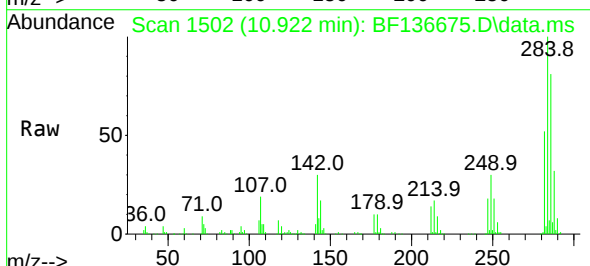
Tgt Ion:248 Resp: 115390
Ion Ratio Lower Upper
248 100
250 96.7 77.8 116.6
141 70.6 59.2 88.8

Manual Integrations
APPROVED

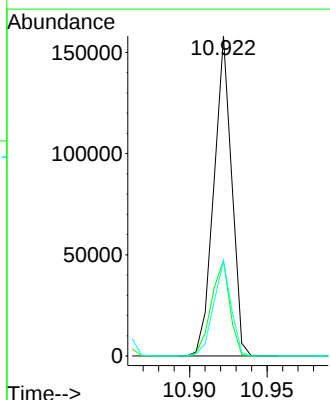
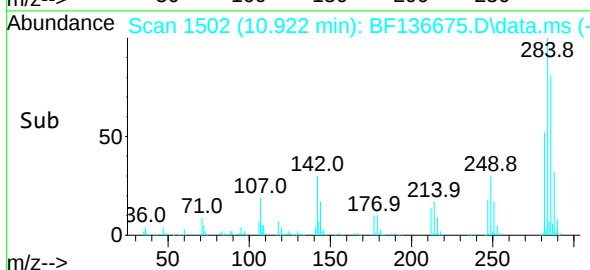
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#68
Hexachlorobenzene
Concen: 42.388 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion:284 Resp: 126188
Ion Ratio Lower Upper
284 100
142 29.9 23.4 35.0
249 29.7 22.3 33.5





#69

Atrazine

Concen: 29.976 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

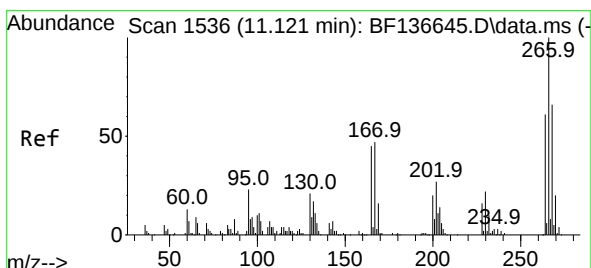
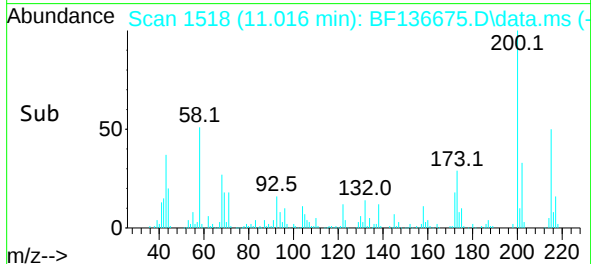
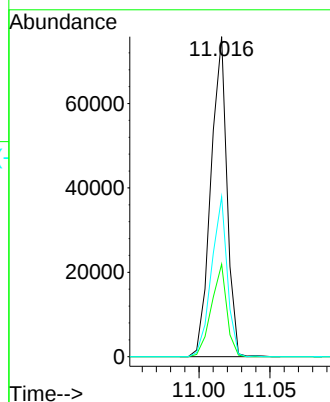
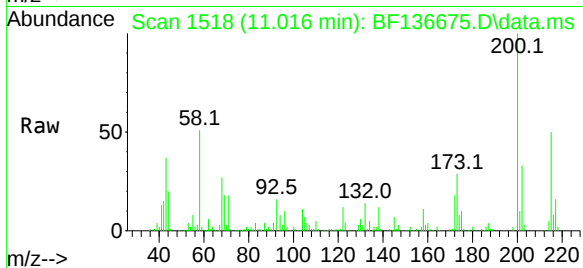
Tgt Ion:200 Resp: 5990
 Ion Ratio Lower Upper
 200 100
 173 28.9 7.6 47.6
 215 50.0 28.3 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#70

Pentachlorophenol

Concen: 43.255 ng

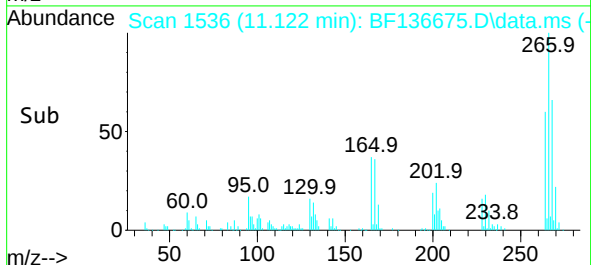
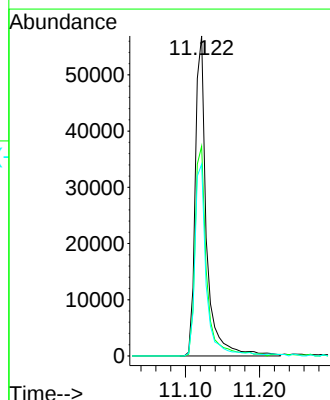
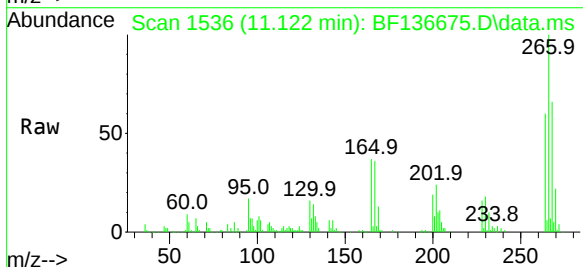
RT: 11.122 min Scan# 1536

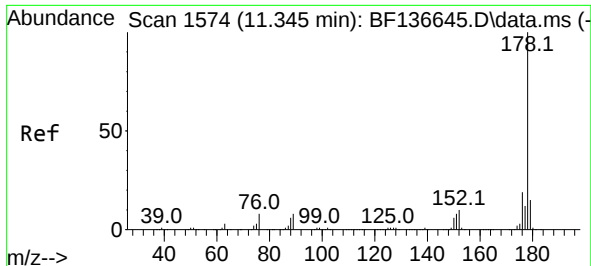
Delta R.T. 0.000 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

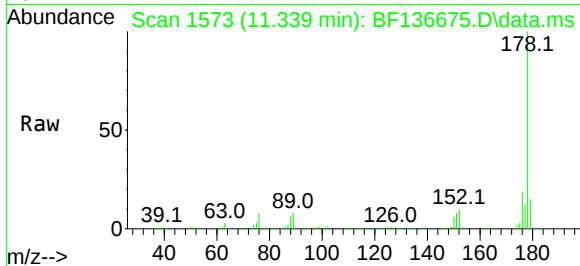
Tgt Ion:266 Resp: 60020
 Ion Ratio Lower Upper
 266 100
 268 65.6 52.6 78.8
 264 59.9 49.0 73.4





#71
Phenanthrene
Concen: 40.652 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

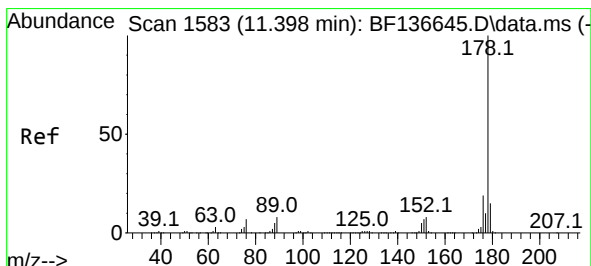
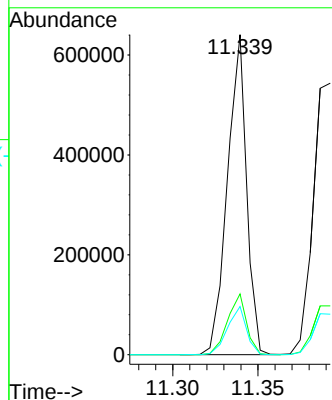
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



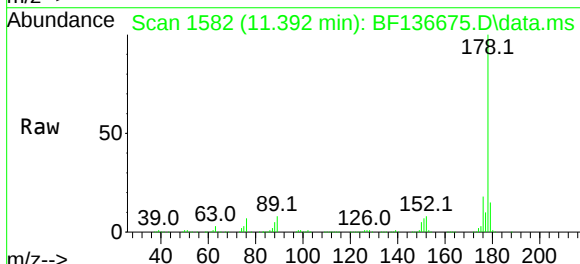
Tgt Ion:178 Resp: 501729
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.0 11.9 17.9

Manual Integrations
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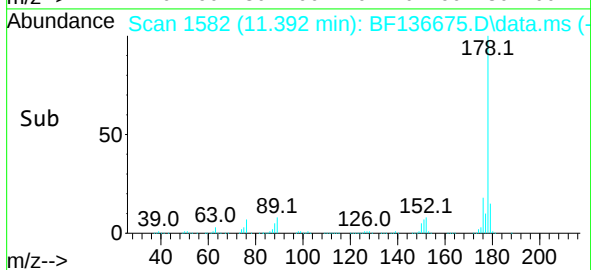
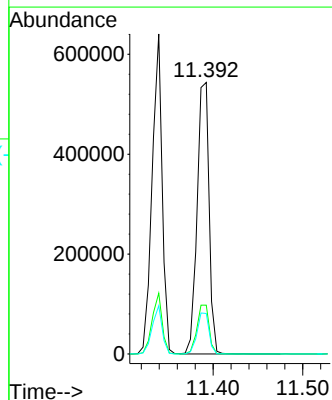
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

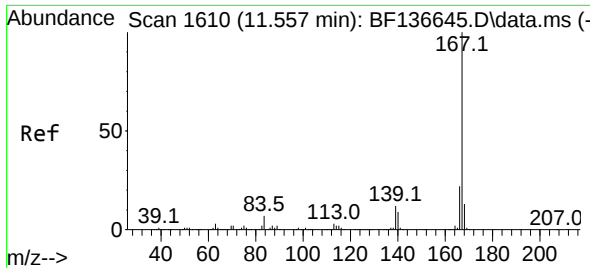


#72
Anthracene
Concen: 40.365 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



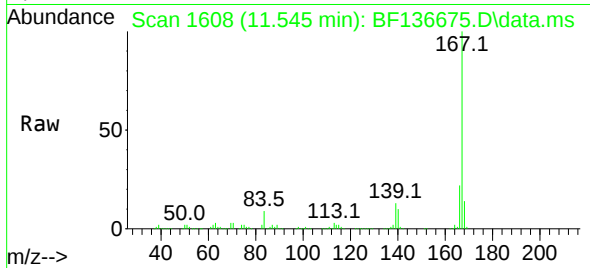
Tgt Ion:178 Resp: 504530
Ion Ratio Lower Upper
178 100
176 18.0 14.9 22.3
179 14.9 11.8 17.6





#73
 Carbazole
 Concen: 38.219 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.011 min
 Lab File: BF136675.D
 Acq: 21 Dec 2023 18:30

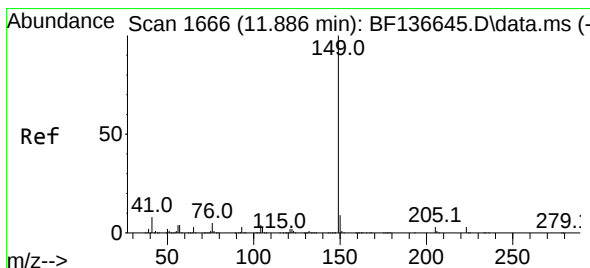
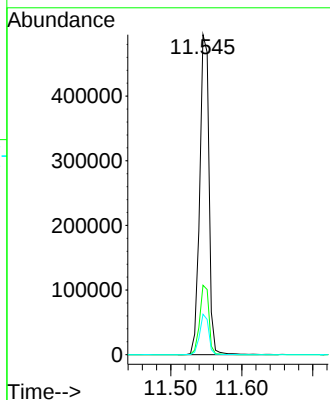
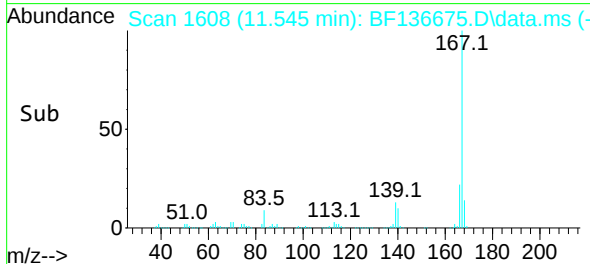
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



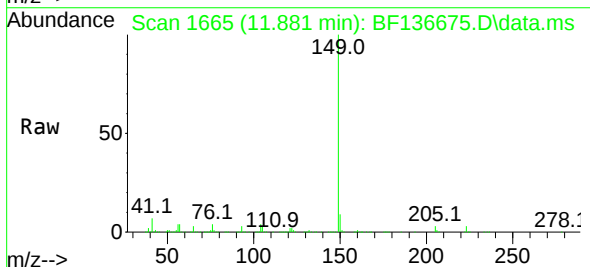
Tgt Ion:167 Resp: 450380
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 12.7 9.8 14.6

Manual Integrations
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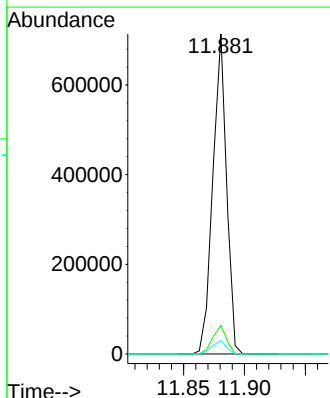
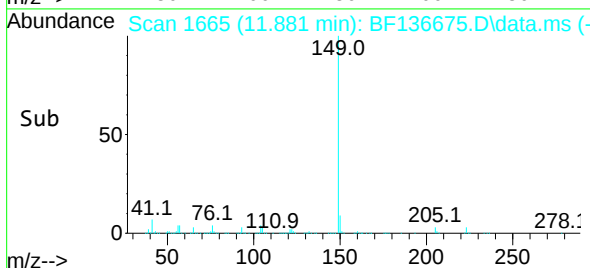
Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

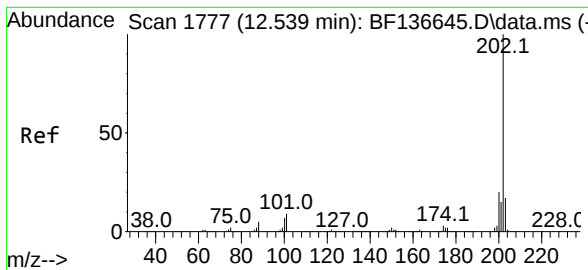


#74
 Di-n-butylphthalate
 Concen: 38.970 ng
 RT: 11.881 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136675.D
 Acq: 21 Dec 2023 18:30



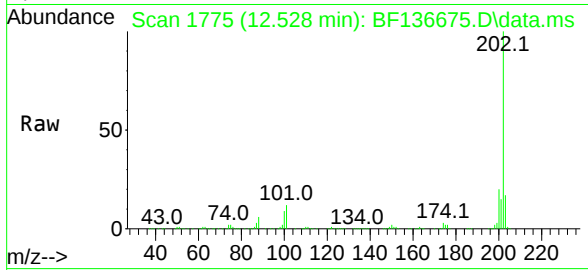
Tgt Ion:149 Resp: 560381
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.2 3.6 5.4





#75
Fluoranthene
Concen: 36.224 ng
RT: 12.528 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

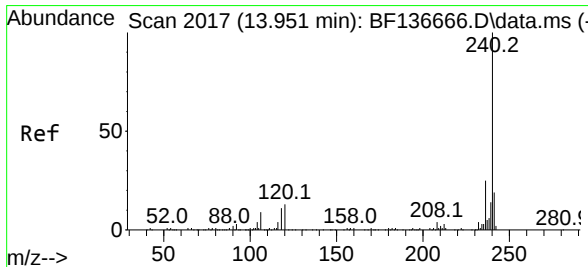
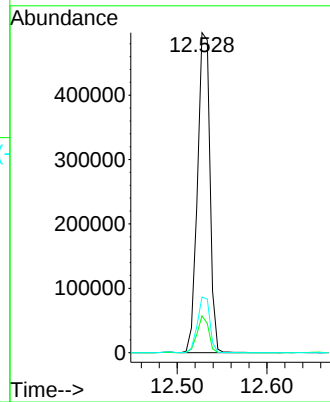
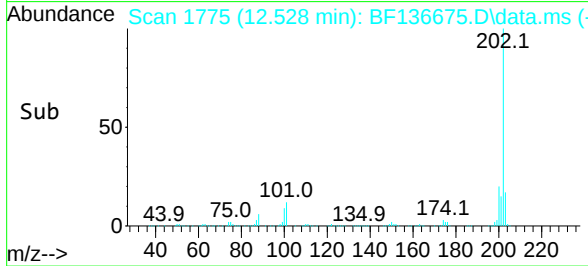
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



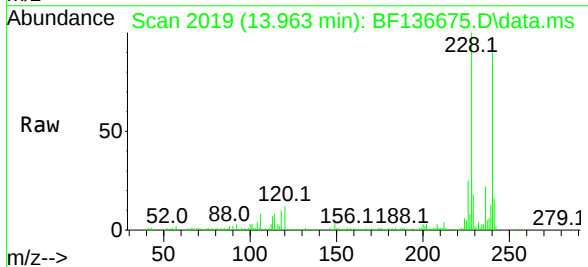
Tgt Ion:202 Resp: 478210
Ion Ratio Lower Upper
202 100
101 11.5 0.0 29.3
203 17.4 0.0 37.1

Manual Integrations
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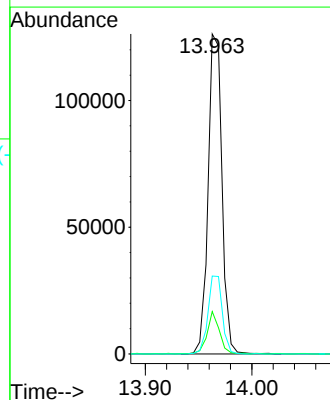
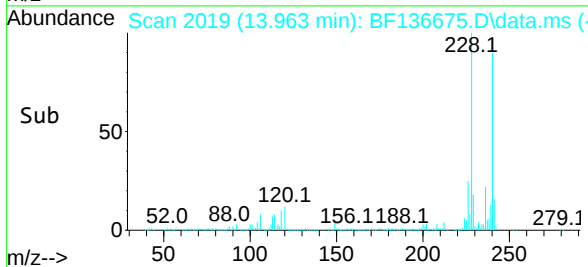
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

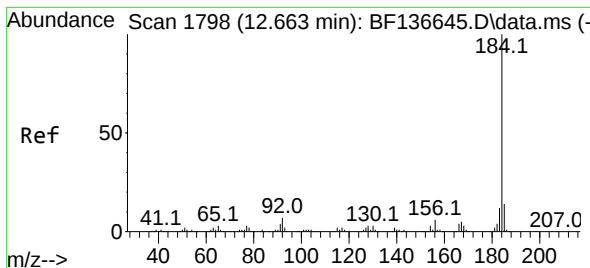


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion:240 Resp: 114436
Ion Ratio Lower Upper
240 100
120 13.3 10.3 15.5
236 24.4 19.4 29.2





#77

Benzidine

Concen: 36.477 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:184 Resp: 12308

Ion Ratio Lower Upper

184 100

185 15.2 11.2 16.8

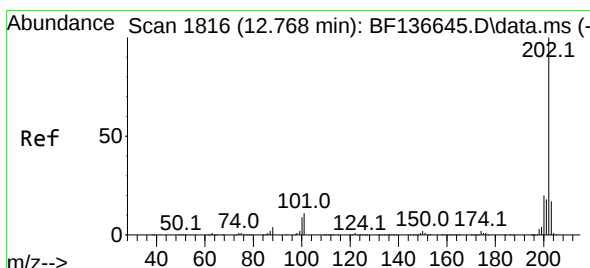
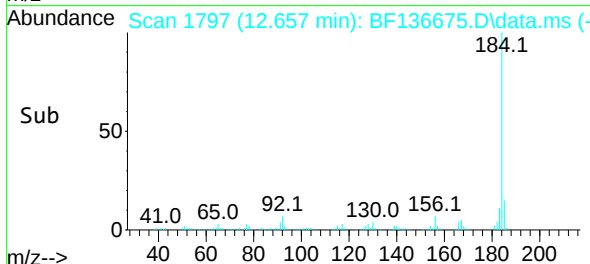
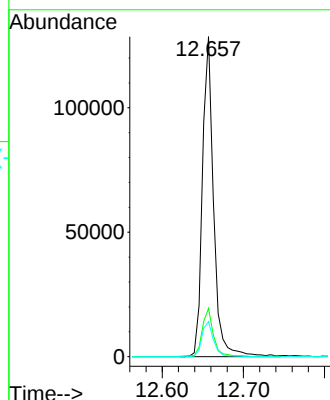
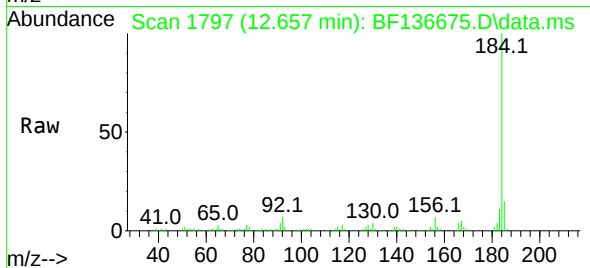
183 10.9 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#78

Pyrene

Concen: 42.964 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

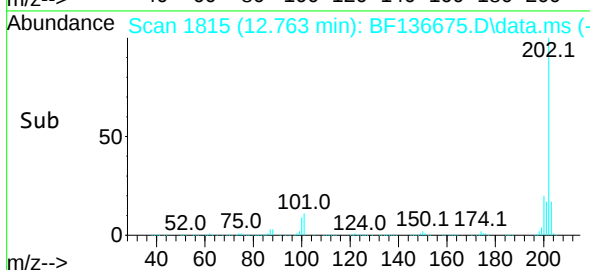
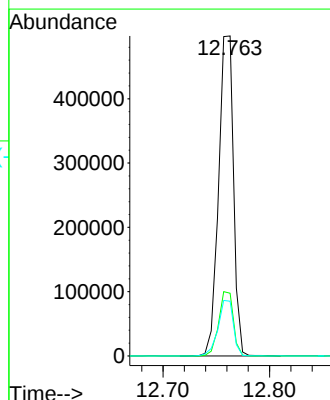
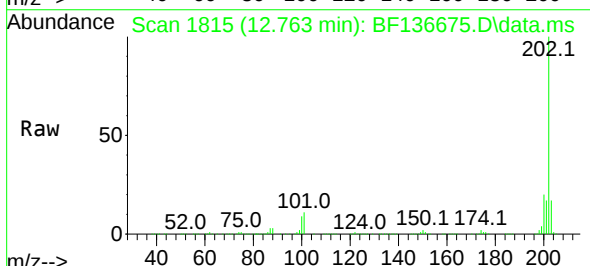
Tgt Ion:202 Resp: 482653

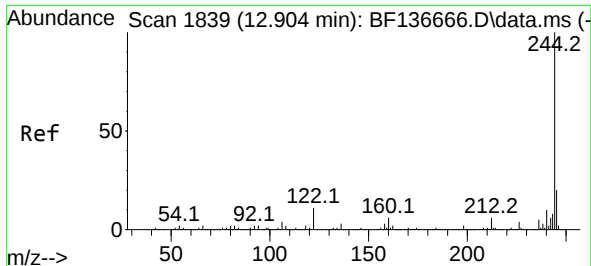
Ion Ratio Lower Upper

202 100

200 19.6 15.9 23.9

203 17.1 13.8 20.6





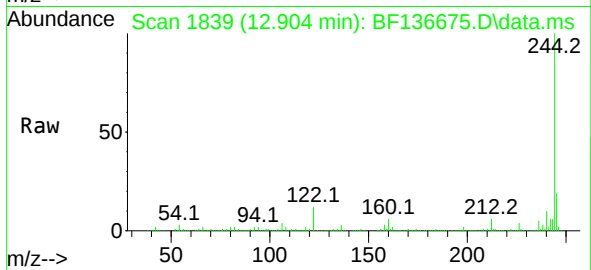
#79
 Terphenyl-d14
 Concen: 84.799 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.011 min
 Lab File: BF136675.D
 Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

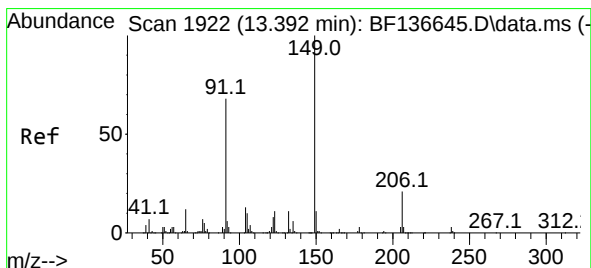
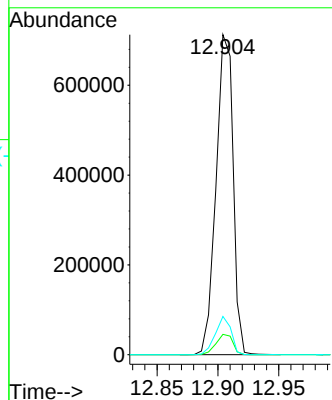
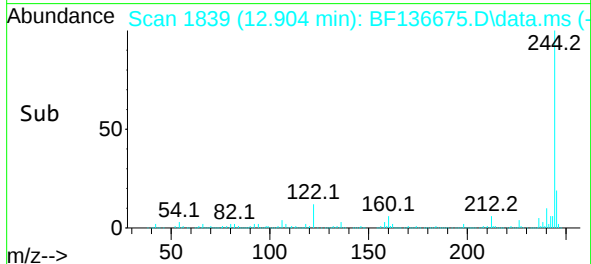


Tgt Ion:244 Resp: 694400
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.9 9.0 13.4

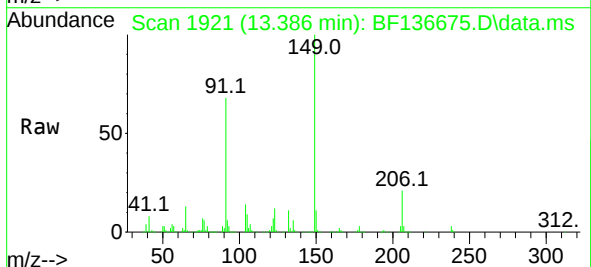
Manual Integrations

APPROVED

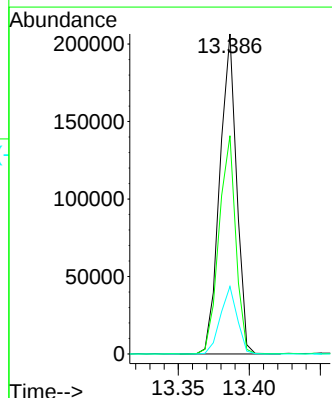
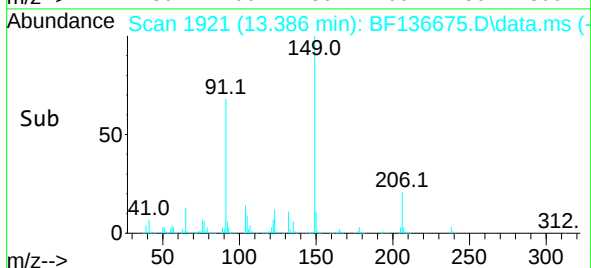
Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

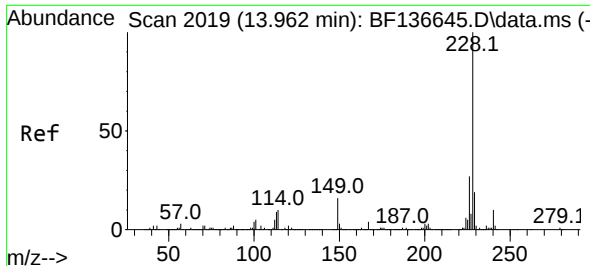


#80
 Butylbenzylphthalate
 Concen: 41.658 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136675.D
 Acq: 21 Dec 2023 18:30



Tgt Ion:149 Resp: 170284
 Ion Ratio Lower Upper
 149 100
 91 68.2 54.1 81.1
 206 21.1 17.1 25.7





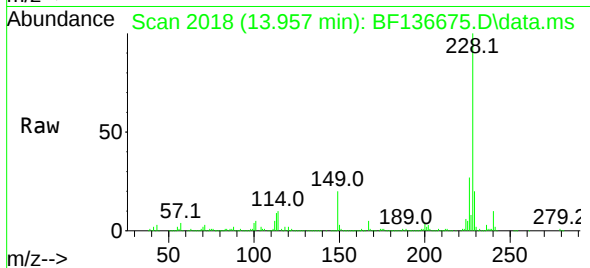
#81
Benzo(a)anthracene
Concen: 41.217 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

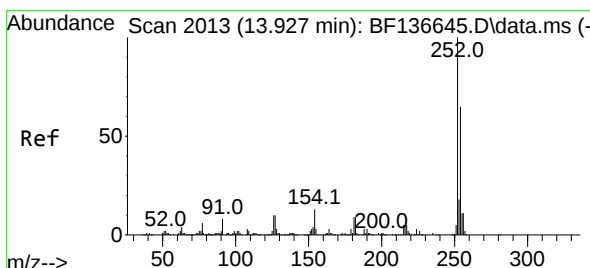
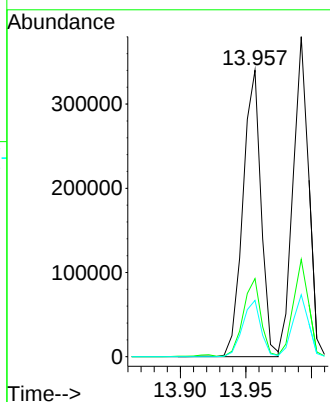
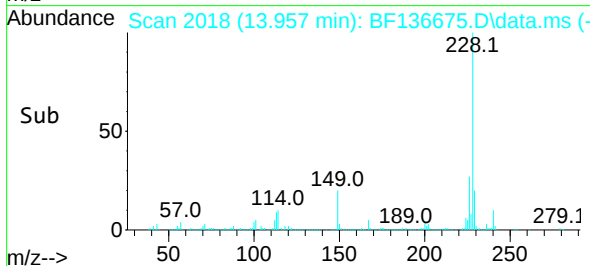


Tgt Ion:228 Resp: 32752
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 19.7 14.9 22.3

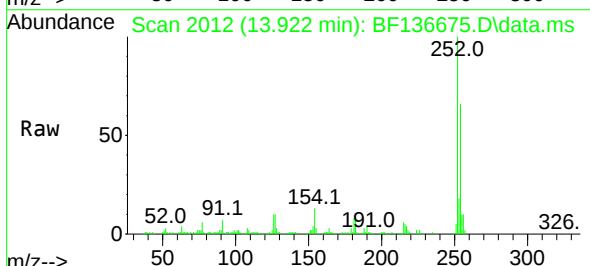
Manual Integrations

APPROVED

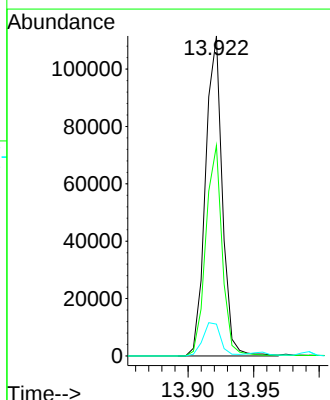
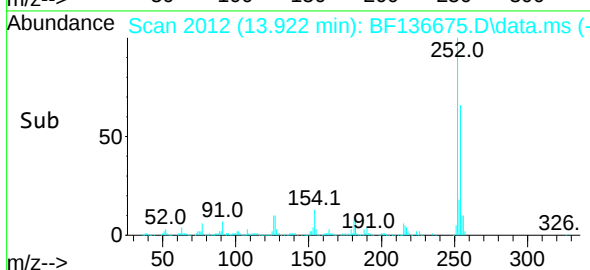
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

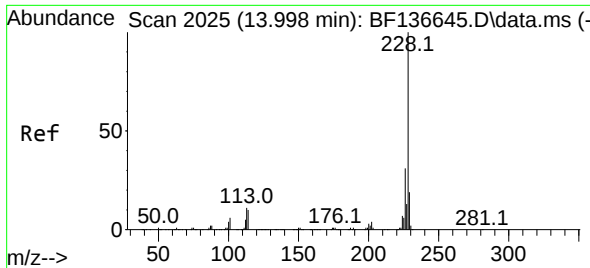


#82
3,3'-Dichlorobenzidine
Concen: 44.098 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion:252 Resp: 99515
Ion Ratio Lower Upper
252 100
254 65.8 52.2 78.4
126 10.0 8.0 12.0





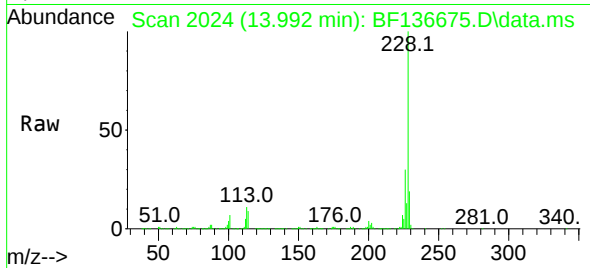
#83
Chrysene
Concen: 40.311 ng
RT: 13.992 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

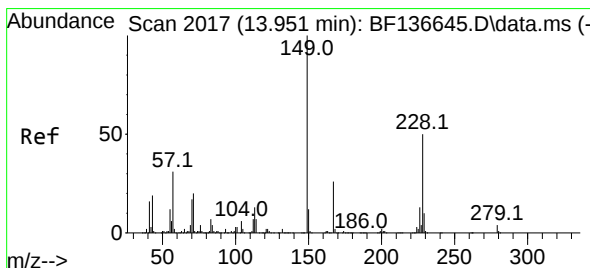
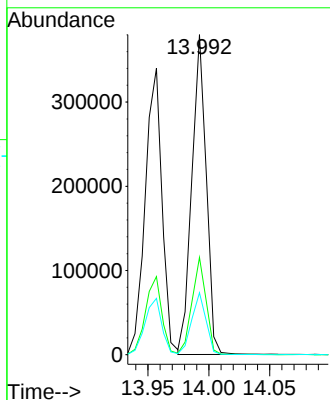
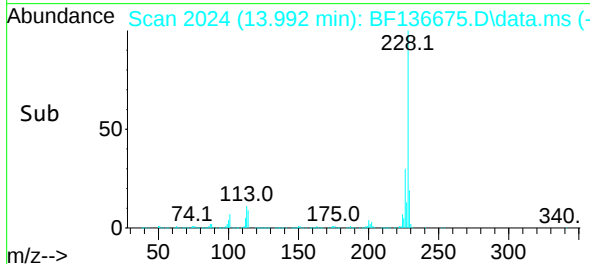


Tgt Ion:228 Resp: 31324
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 19.4 15.4 23.0

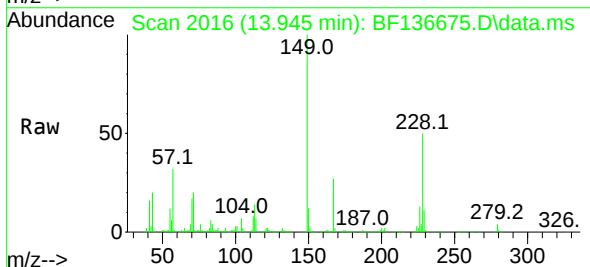
Manual Integrations

APPROVED

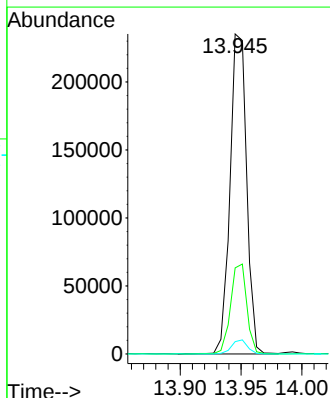
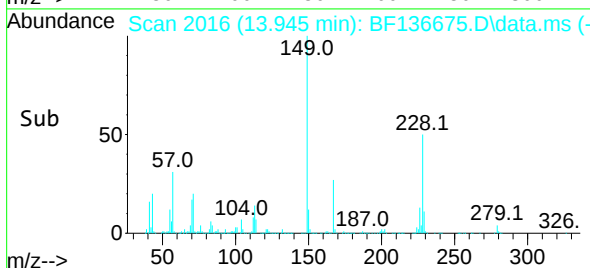
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.599 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion:149 Resp: 224230
Ion Ratio Lower Upper
149 100
167 26.9 20.9 31.3
279 3.9 2.9 4.3





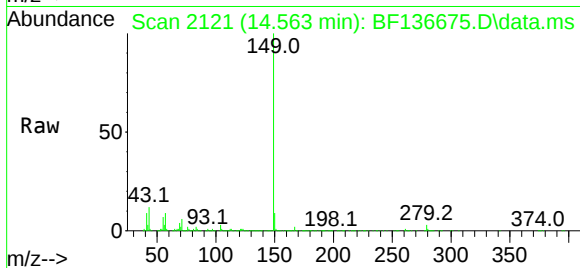
#85
Di-n-octyl phthalate
Concen: 47.647 ng
RT: 14.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

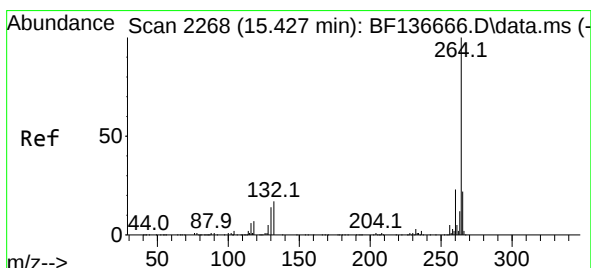
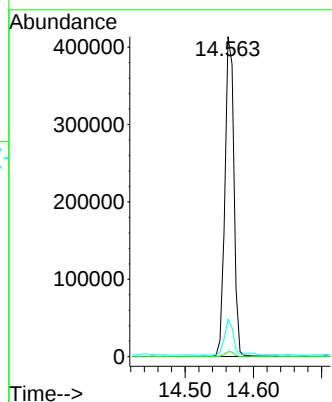
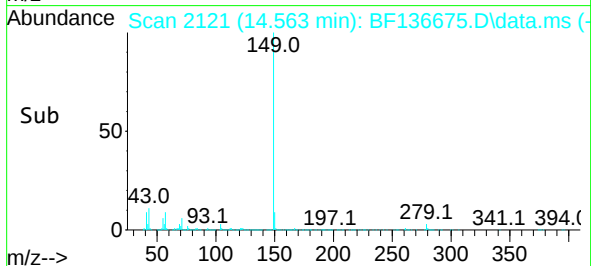


Tgt Ion:149 Resp: 379058
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 8.9 13.3

Manual Integrations

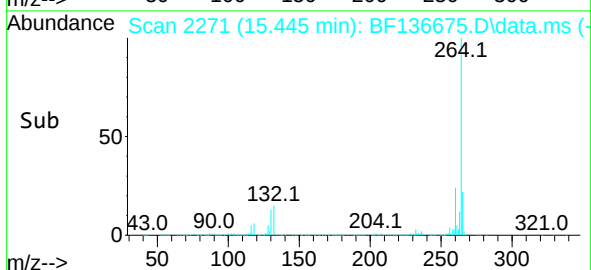
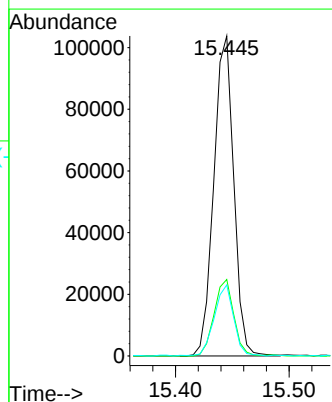
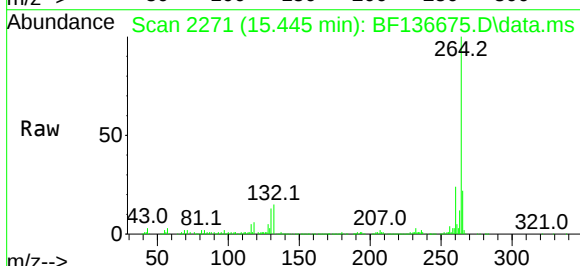
APPROVED

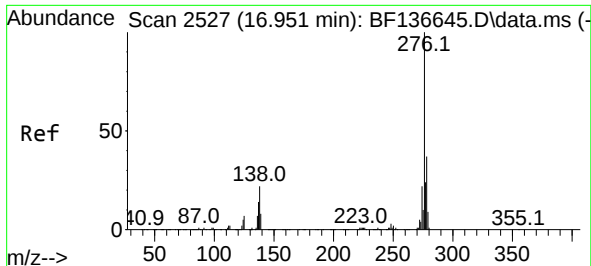
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Tgt Ion:264 Resp: 126569
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 22.2 17.0 25.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.576 ng
 RT: 16.945 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF136675.D
 Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

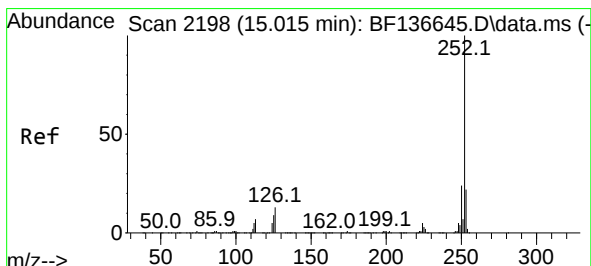
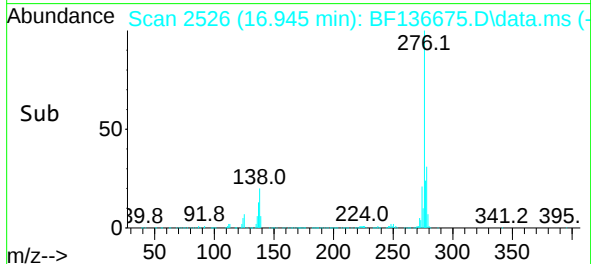
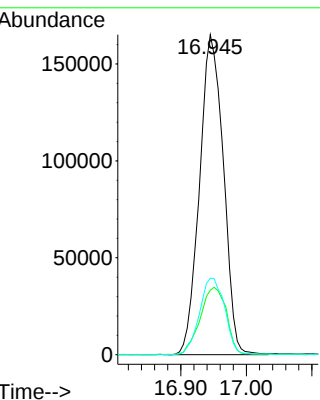
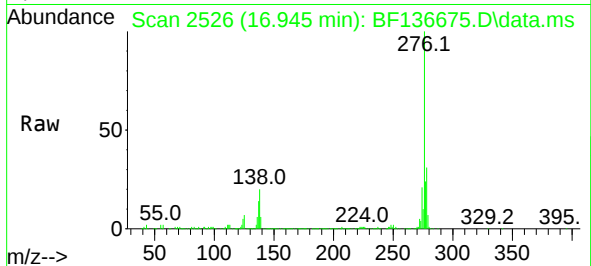
ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 41649
 Ion Ratio Lower Upper
 276 100
 138 23.3 18.7 28.1
 277 25.5 20.2 30.2

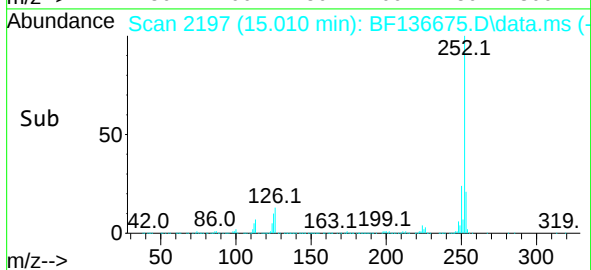
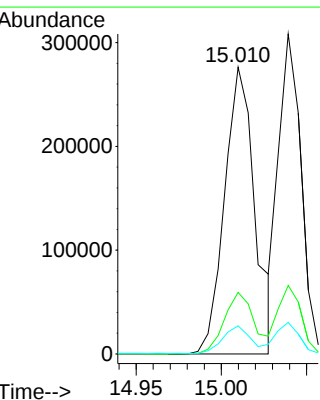
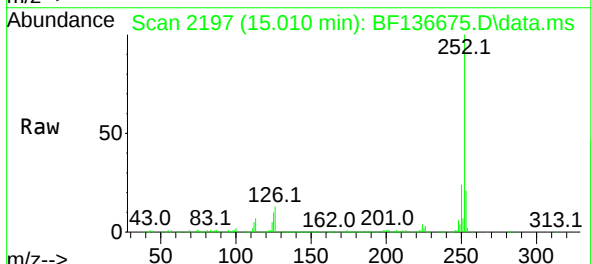
Manual Integrations
 APPROVED

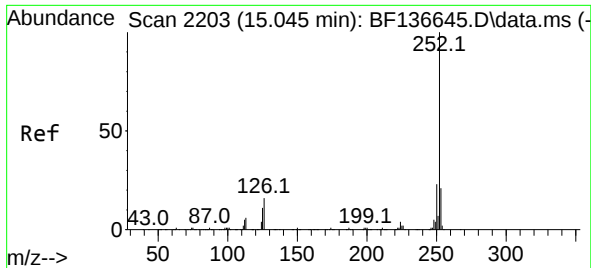
Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023



#88
 Benzo(b)fluoranthene
 Concen: 40.403 ng
 RT: 15.010 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF136675.D
 Acq: 21 Dec 2023 18:30

Tgt Ion:252 Resp: 341552
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.4 26.0
 125 9.8 7.4 11.2





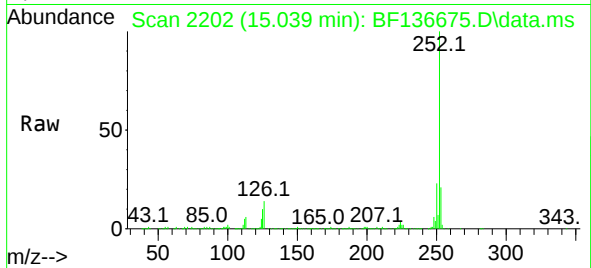
#89
Benzo(k)fluoranthene
Concen: 35.877 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

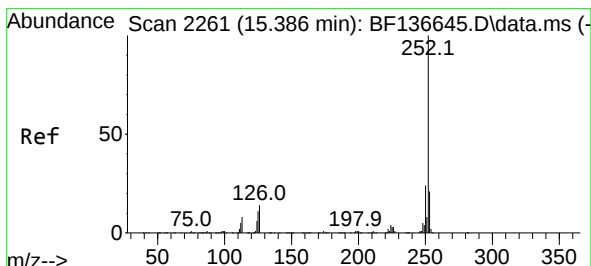
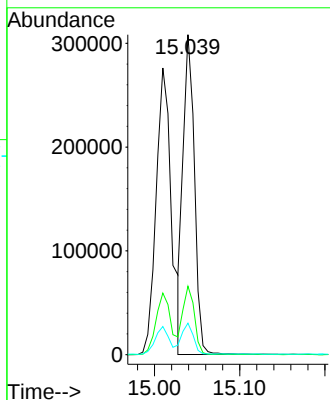
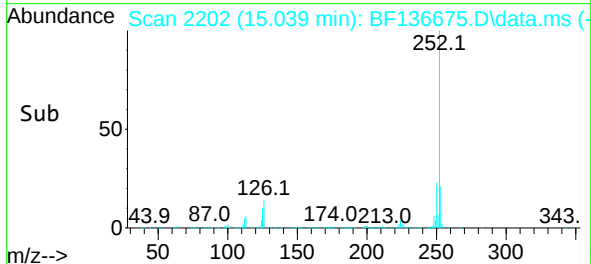


Tgt Ion:252 Resp: 286580
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 9.8 8.2 12.4

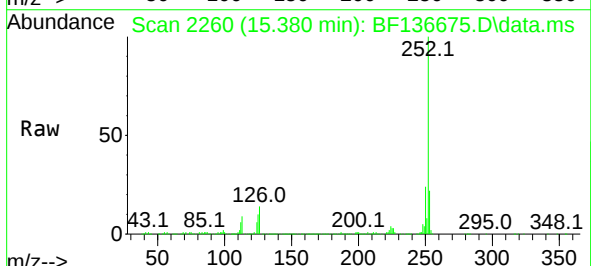
Manual Integrations

APPROVED

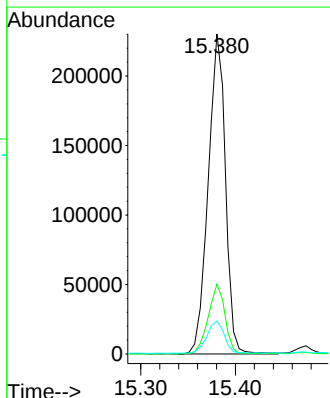
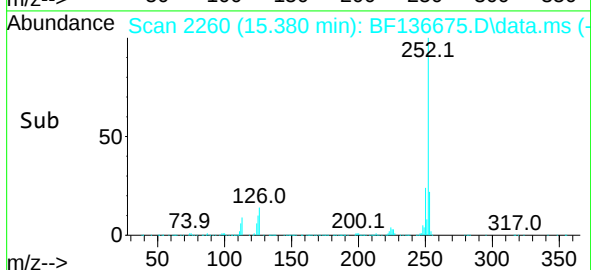
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

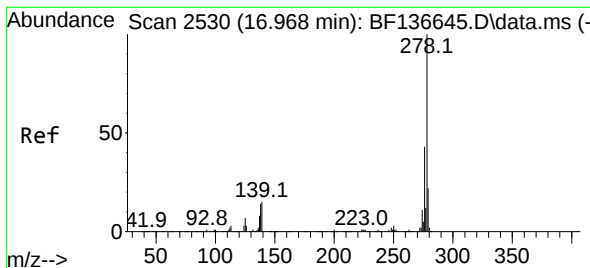


#90
Benzo(a)pyrene
Concen: 40.843 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF136675.D
Acq: 21 Dec 2023 18:30



Tgt Ion:252 Resp: 291450
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 10.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 46.242 ng

RT: 16.969 min Scan# 2530

Delta R.T. 0.000 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:278 Resp: 346680

Ion Ratio Lower Upper

278 100

139 13.2 12.2 18.4

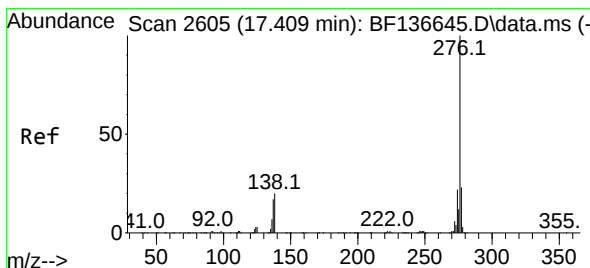
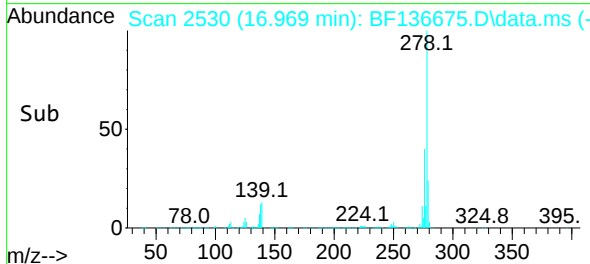
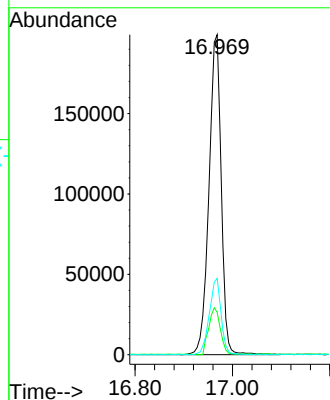
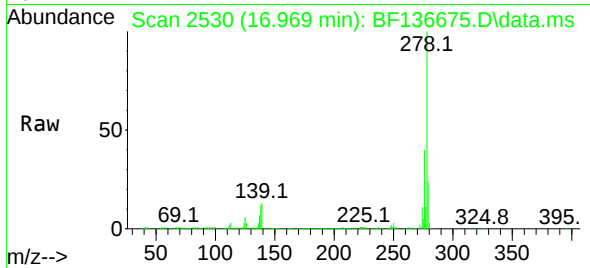
279 23.8 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#92

Benzo(g,h,i)perylene

Concen: 47.166 ng

RT: 17.410 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF136675.D

Acq: 21 Dec 2023 18:30

Tgt Ion:276 Resp: 362173

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 19.1 15.6 23.4

