

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136962.D
 Acq On : 05 Jan 2024 02:31
 Operator : CG\JU
 Sample : P1004-01MSD 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-01022024MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 05 03:55:48 2024
 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	6.781	152	46666	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	171726	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	82066	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	146476	20.000	ng	0.00
76) Chrysene-d12	13.969	240	112186	20.000	ng	0.00
86) Perylene-d12	15.457	264	85036	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	165419	55.308	ng	0.00
7) Phenol-d6	6.434	99	199176	51.394	ng	0.00
23) Nitrobenzene-d5	7.345	82	117850	35.117	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	48860	50.553	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	249987	40.971	ng	-0.02
79) Terphenyl-d14	12.904	244	251486	31.327	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.499	88	23952	19.220	ng	96
3) Pyridine	3.275	79	53628	17.638	ng	88
4) n-Nitrosodimethylamine	3.222	42	30425	18.738	ng	# 93
6) Aniline	6.451	93	69909	18.043	ng	# 63
8) 2-Chlorophenol	6.575	128	69976	21.380	ng	94
9) Benzaldehyde	6.340	77	14535	6.594	ng	96
10) Phenol	6.445	94	87794	21.221	ng	91
11) bis(2-Chloroethyl)ether	6.522	93	63882	20.305	ng	93
12) 1,3-Dichlorobenzene	6.722	146	71396	19.996	ng	97
13) 1,4-Dichlorobenzene	6.798	146	76118	20.864	ng	99
14) 1,2-Dichlorobenzene	6.951	146	68737	20.248	ng	97
15) Benzyl Alcohol	6.928	79	53119	20.317	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	100544	19.547	ng	76
17) 2-Methylphenol	7.051	107	53178	19.612	ng	# 90
18) Hexachloroethane	7.287	117	22606	17.062	ng	92
19) n-Nitroso-di-n-propyla...	7.192	70	47087	20.043	ng	95
20) 3+4-Methylphenols	7.204	107	71481	21.102	ng	# 52
22) Acetophenone	7.192	105	99623	23.145	ng	# 85
24) Nitrobenzene	7.363	77	69158	20.572	ng	99
25) Isophorone	7.598	82	125106	20.488	ng	99
26) 2-Nitrophenol	7.681	139	31325	19.476	ng	100
27) 2,4-Dimethylphenol	7.722	122	52764	26.946	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	80286	21.630	ng	98
29) 2,4-Dichlorophenol	7.934	162	52869	20.972	ng	94
30) 1,2,4-Trichlorobenzene	8.004	180	59796	21.289	ng	99
31) Naphthalene	8.081	128	199885	21.187	ng	100
32) Benzoic acid	7.828	122	31683	16.722	ng	94
33) 4-Chloroaniline	8.139	127	63840	18.328	ng	94
34) Hexachlorobutadiene	8.192	225	34908	20.456	ng	98
35) Caprolactam	8.487	113	17334	20.843	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	58021	20.444	ng	95
37) 2-Methylnaphthalene	8.775	142	124147	20.447	ng	98
38) 1-Methylnaphthalene	8.875	142	120821	20.283	ng	95
40) 1,2,4,5-Tetrachloroben...	8.939	216	61114	24.046	ng	98
41) Hexachlorocyclopentadiene	8.922	237	467	5.439	ng	78
43) 2,4,6-Trichlorophenol	9.063	196	36026	22.103	ng	97

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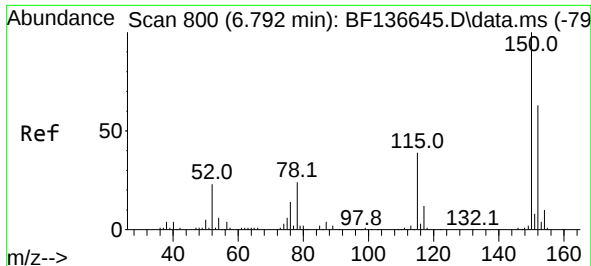
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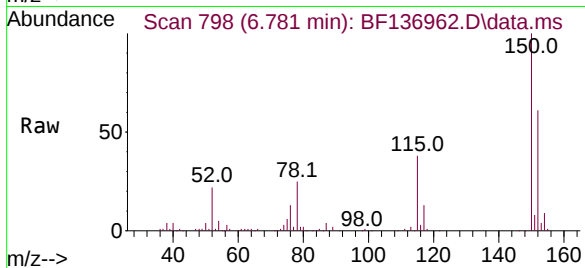
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	39567	21.784	ng	97
46) 1,1'-Biphenyl	9.239	154	163619	23.759	ng	99
47) 2-Chloronaphthalene	9.263	162	115426	22.048	ng	98
48) 2-Nitroaniline	9.369	65	36278	22.129	ng	87
49) Acenaphthylene	9.681	152	186290	23.280	ng	99
50) Dimethylphthalate	9.539	163	132691	22.136	ng	99
51) 2,6-Dinitrotoluene	9.610	165	27013	19.856	ng	92
52) Acenaphthene	9.851	154	108411	21.856	ng	98
53) 3-Nitroaniline	9.781	138	31059	21.552	ng	98
54) 2,4-Dinitrophenol	9.904	184	1713	5.901	ng	# 89
55) Dibenzofuran	10.022	168	166535	22.148	ng	99
56) 4-Nitrophenol	9.969	139	31489	32.368	ng	95
57) 2,4-Dinitrotoluene	10.016	165	32742	18.539	ng	# 98
58) Fluorene	10.369	166	132456	22.201	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	27773	19.864	ng	99
60) Diethylphthalate	10.239	149	135556	21.795	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	62200	21.449	ng	98
62) 4-Nitroaniline	10.392	138	29706m	21.383	ng	
63) Azobenzene	10.522	77	116629	20.077	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	2450	2.919	ng	74
66) n-Nitrosodiphenylamine	10.481	169	114466	24.057	ng	96
67) 4-Bromophenyl-phenylether	10.851	248	36253	22.286	ng	98
68) Hexachlorobenzene	10.916	284	38816	21.412	ng	94
69) Atrazine	11.010	200	35720	29.351	ng	99
70) Pentachlorophenol	11.122	266	28902	34.204	ng	98
71) Phenanthrene	11.333	178	185989	24.746	ng	99
72) Anthracene	11.386	178	182025	23.915	ng	98
73) Carbazole	11.551	167	166944	23.263	ng	99
74) Di-n-butylphthalate	11.875	149	212134	24.225	ng	98
75) Fluoranthene	12.533	202	230854	28.716	ng	99
77) Benzidine	12.663	184	70753	21.389	ng	99
78) Pyrene	12.763	202	230475	20.928	ng	99
80) Butylbenzylphthalate	13.386	149	85789	21.408	ng	97
81) Benzo(a)anthracene	13.963	228	198982	25.543	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	57577	26.026	ng	94
83) Chrysene	13.998	228	185615	24.366	ng	96
84) Bis(2-ethylhexyl)phtha...	13.945	149	130036	25.791	ng	98
85) Di-n-octyl phthalate	14.563	149	217304	27.863	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	118401	19.284	ng	98
88) Benzo(b)fluoranthene	15.021	252	150726	26.538	ng	98
89) Benzo(k)fluoranthene	15.051	252	136169	25.373	ng	98
90) Benzo(a)pyrene	15.398	252	115206	24.030	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	98514	19.558	ng	98
92) Benzo(g,h,i)perylene	17.433	276	94597	18.336	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.011 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

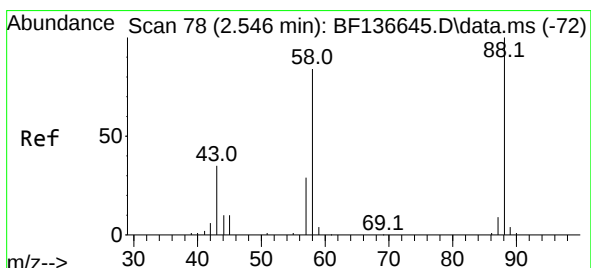
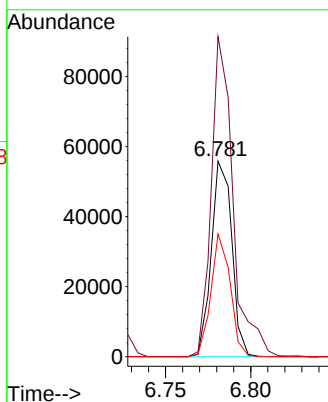
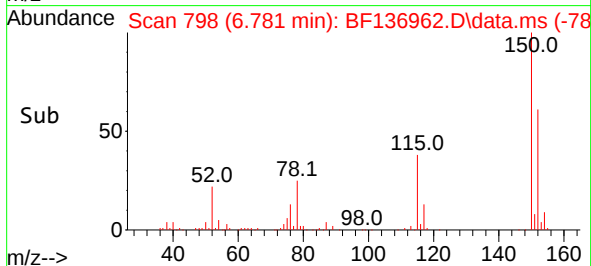
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Tgt Ion:152 Resp: 46660
Ion Ratio Lower Upper
152 100
150 163.7 127.0 190.6
115 62.8 49.0 73.4

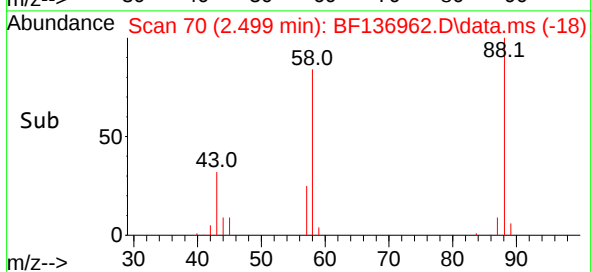
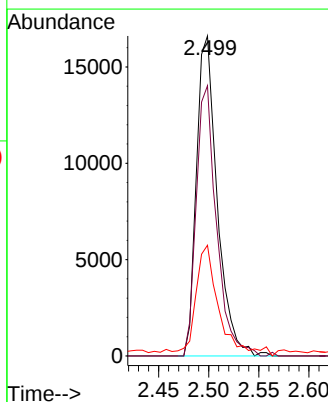
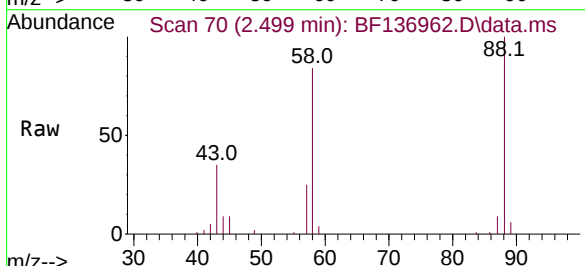
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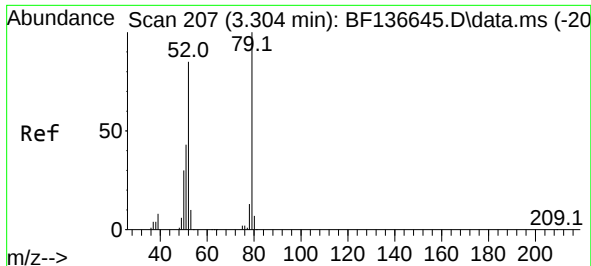
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#2
1,4-Dioxane
Concen: 19.220 ng
RT: 2.499 min Scan# 70
Delta R.T. -0.047 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

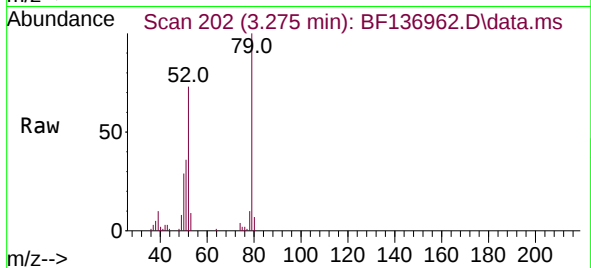
Tgt Ion: 88 Resp: 23952
Ion Ratio Lower Upper
88 100
58 82.5 67.4 101.0
43 39.7 27.7 41.5





#3
Pyridine
Concen: 17.638 ng
RT: 3.275 min Scan# 207
Delta R.T. -0.029 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

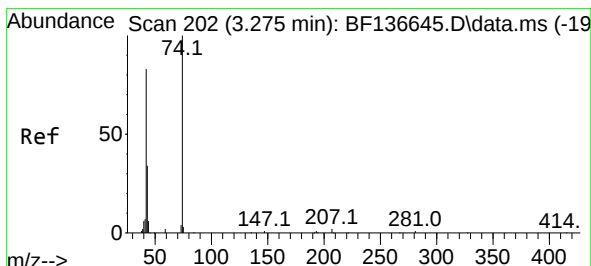
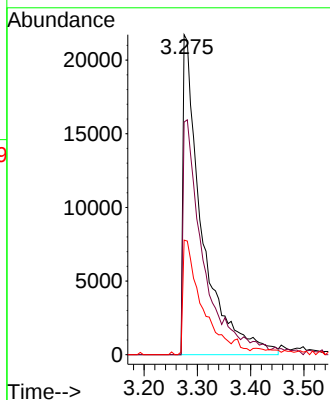
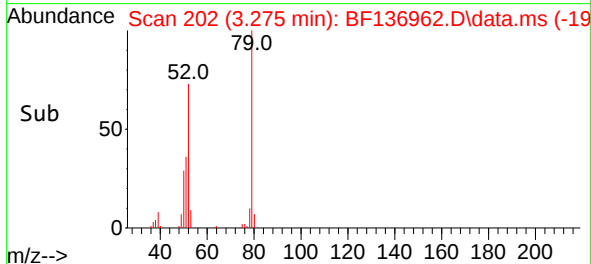
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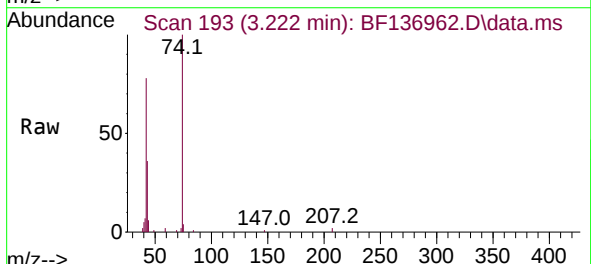
Tgt Ion: 79 Resp: 53628
Ion Ratio Lower Upper
79 100
52 72.7 67.7 101.5
51 35.8 34.0 51.0

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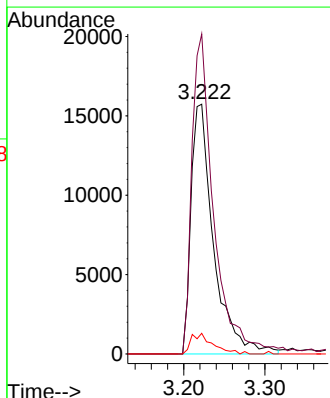
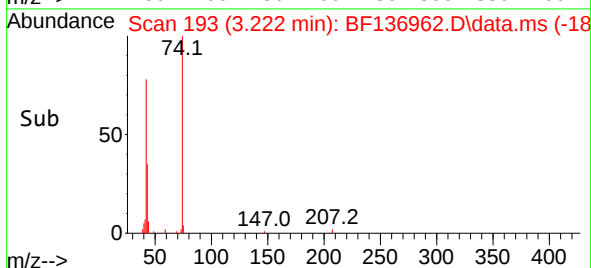
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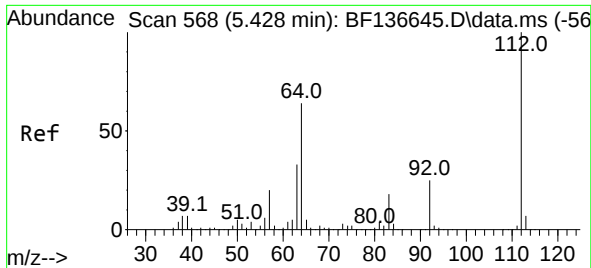


#4
n-Nitrosodimethylamine
Concen: 18.738 ng
RT: 3.222 min Scan# 193
Delta R.T. -0.053 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31



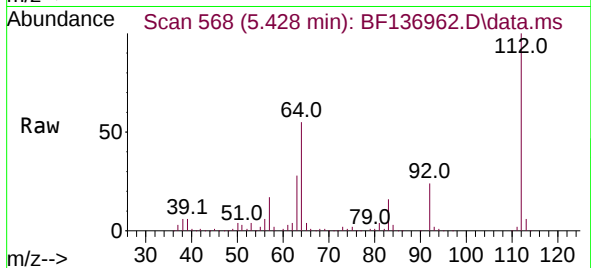
Tgt Ion: 42 Resp: 30425
Ion Ratio Lower Upper
42 100
74 128.1 96.0 144.0
44 8.3 5.4 8.2#





#5
2-Fluorophenol
Concen: 55.308 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

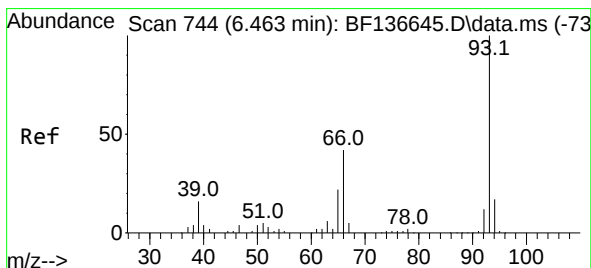
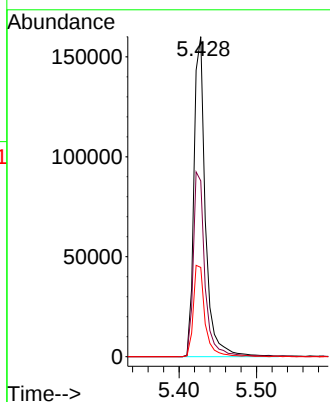
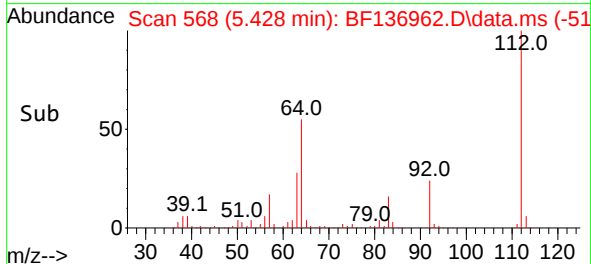
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Tgt Ion:112 Resp: 165419
Ion Ratio Lower Upper
112 100
64 55.0 51.1 76.7
63 27.9 26.1 39.1

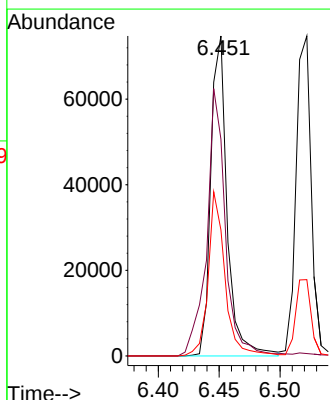
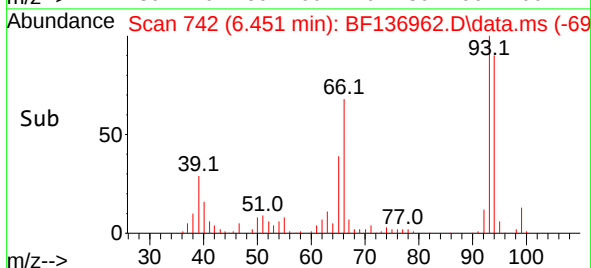
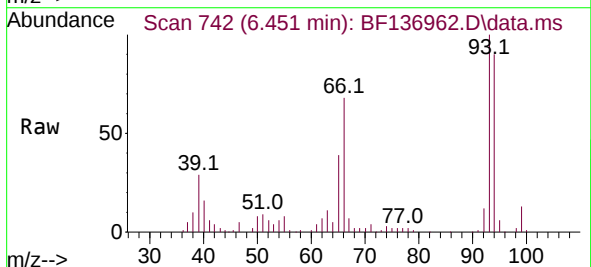
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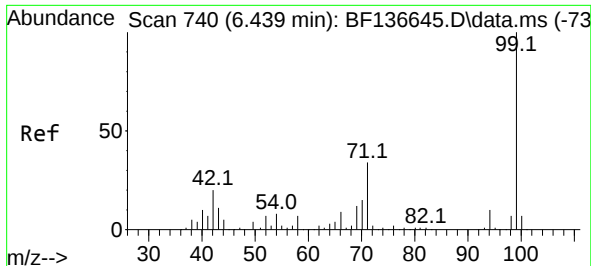
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#6
Aniline
Concen: 18.043 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

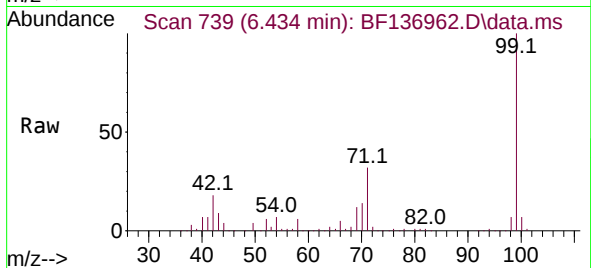
Tgt Ion: 93 Resp: 69909
Ion Ratio Lower Upper
93 100
66 67.7 34.6 51.8#
65 39.4 17.8 26.8#





#7
Phenol-d6
Concen: 51.394 ng
RT: 6.434 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

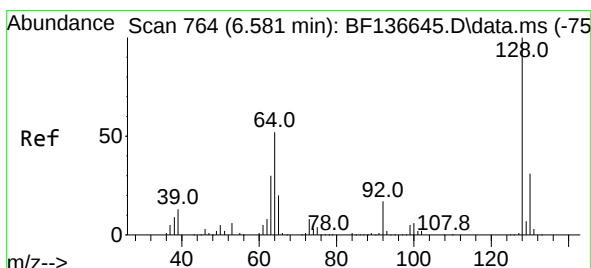
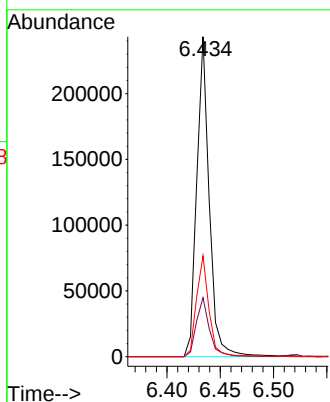
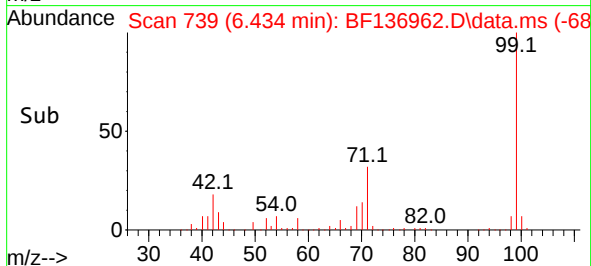
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Tgt Ion: 99 Resp: 199170
Ion Ratio Lower Upper
99 100
42 18.5 16.1 24.1
71 31.6 27.4 41.2

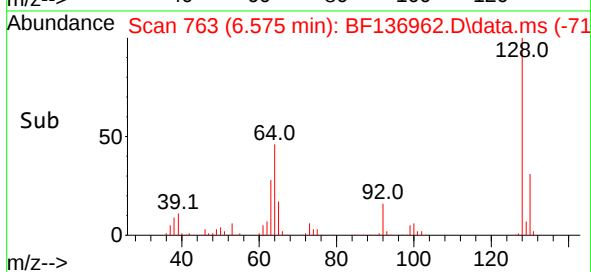
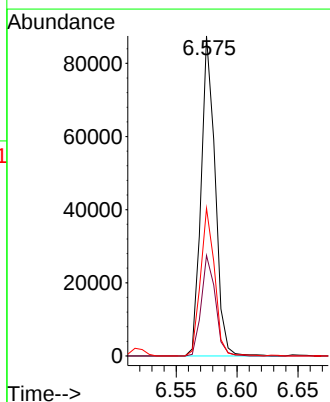
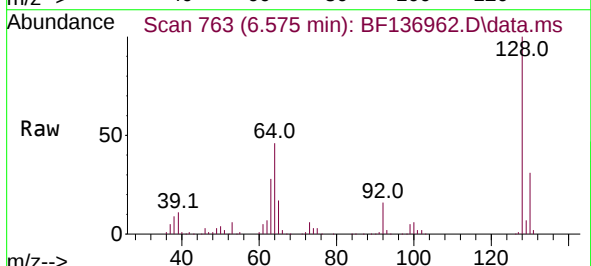
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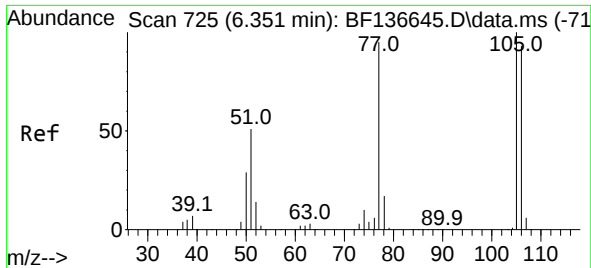
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#8
2-Chlorophenol
Concen: 21.380 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

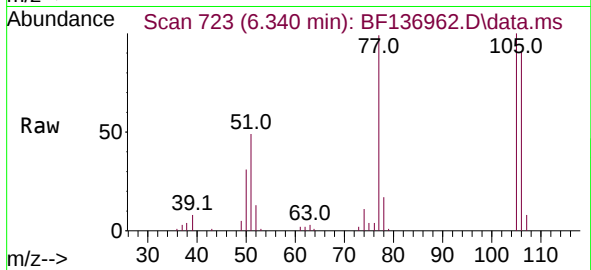
Tgt Ion:128 Resp: 69976
Ion Ratio Lower Upper
128 100
130 31.4 11.3 51.3
64 46.1 32.5 72.5





#9
Benzaldehyde
Concen: 6.594 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

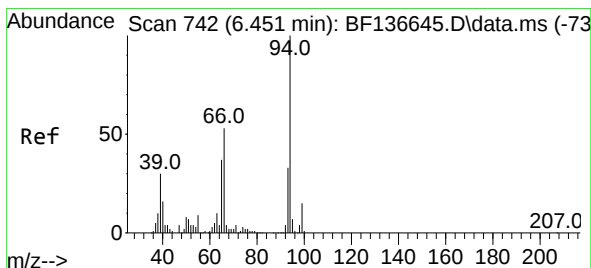
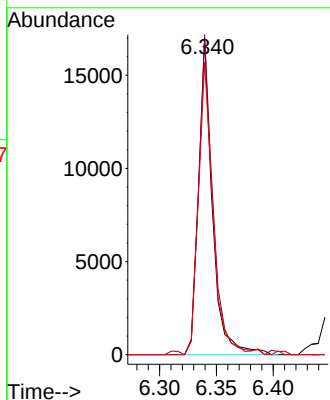
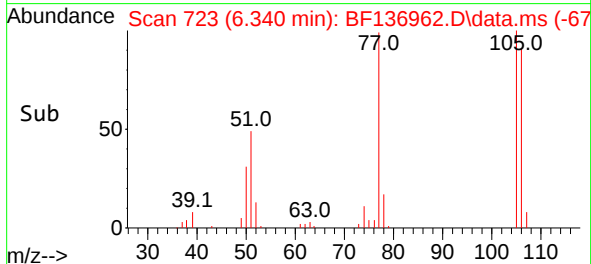
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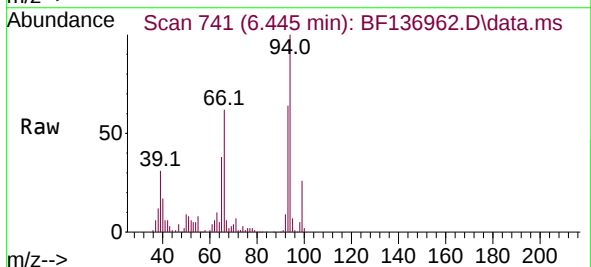
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Ion Ratio Lower Upper
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105 101.2 84.8 124.8
106 92.4 77.8 117.8

Manual Integrations
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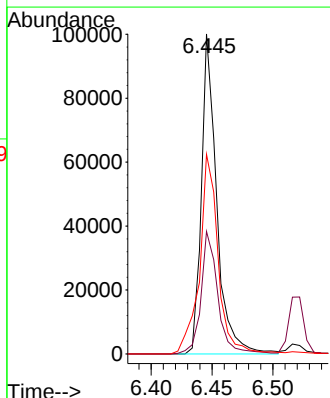
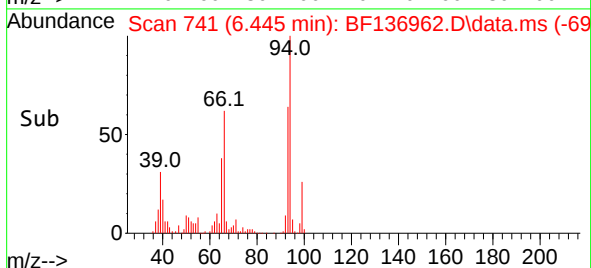
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

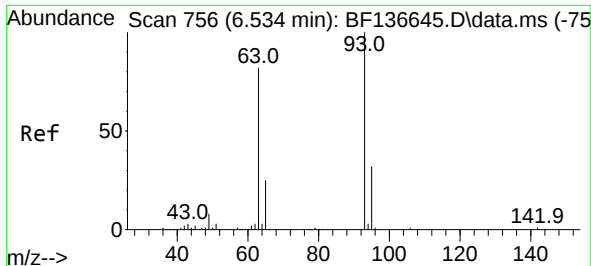


#10
Phenol
Concen: 21.221 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31



Tgt Ion: 94 Resp: 87794
Ion Ratio Lower Upper
94 100
65 38.3 16.6 56.6
66 62.4 32.6 72.6





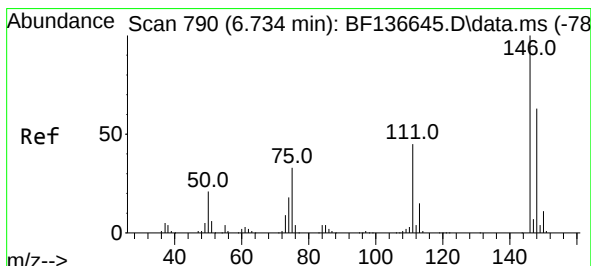
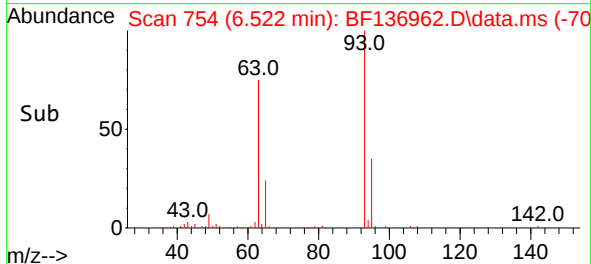
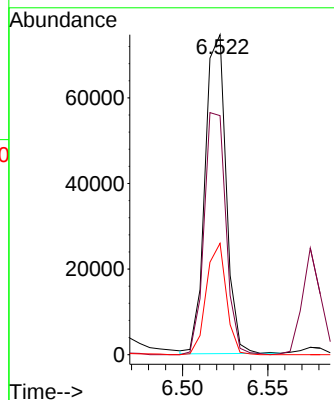
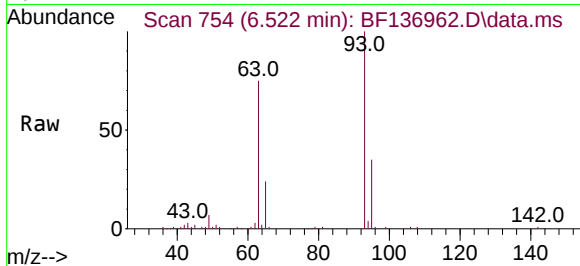
#11
bis(2-Chloroethyl)ether
Concen: 20.305 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

Tgt Ion: 93 Resp: 6388
Ion Ratio Lower Upper
93 100
63 74.7 61.2 101.2
95 34.8 11.6 51.6

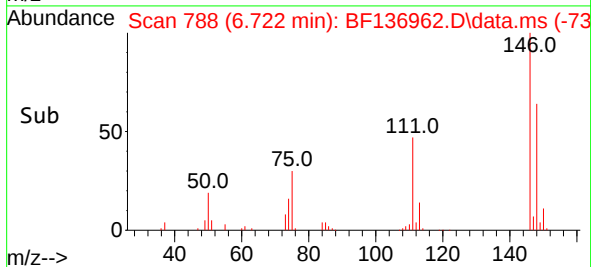
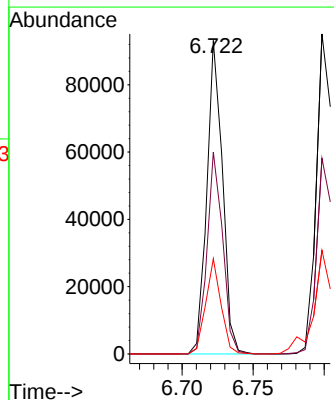
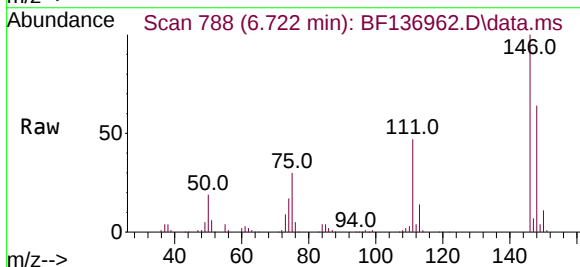
Manual Integrations
APPROVED

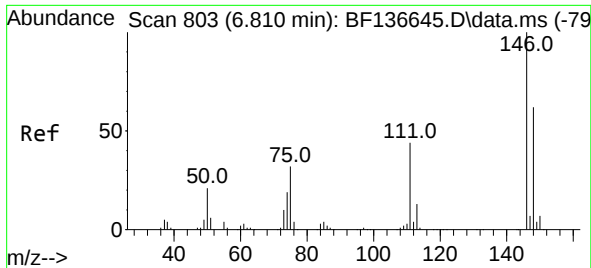
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#12
1,3-Dichlorobenzene
Concen: 19.996 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:146 Resp: 71396
Ion Ratio Lower Upper
146 100
148 64.4 50.5 75.7
75 30.4 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 20.864 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

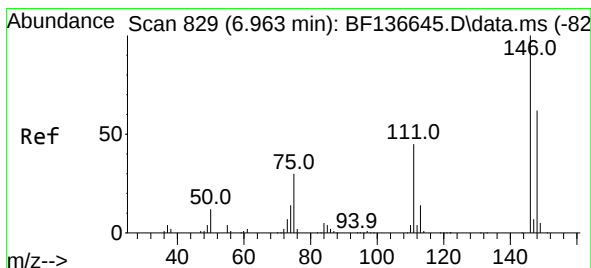
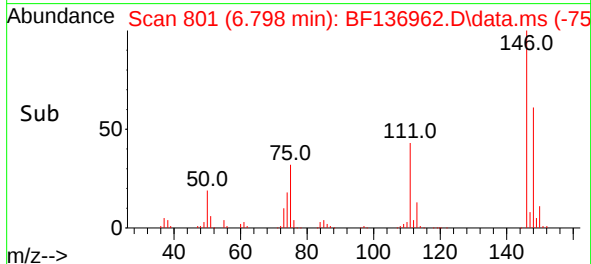
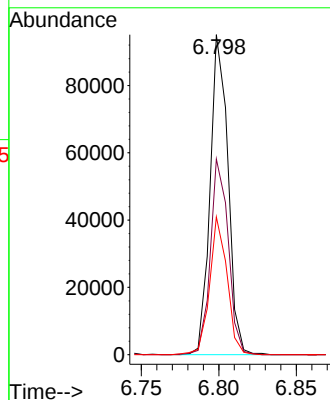
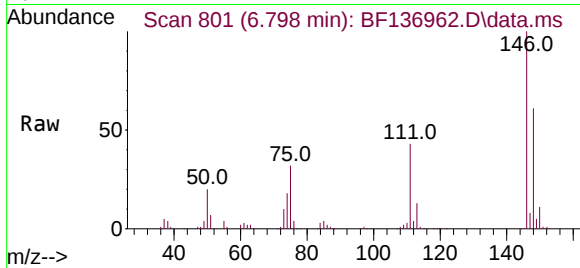
Tgt Ion:146	Resp:	76118
Ion Ratio	Lower	Upper
146	100	
148	61.2	49.2 73.8
111	43.0	35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#14

1,2-Dichlorobenzene

Concen: 20.248 ng

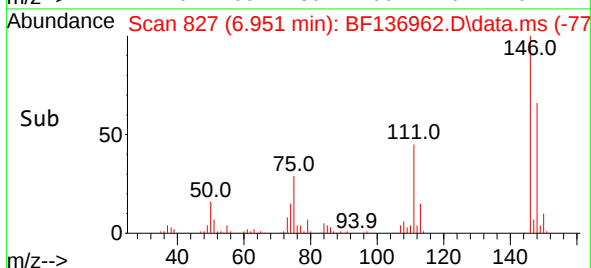
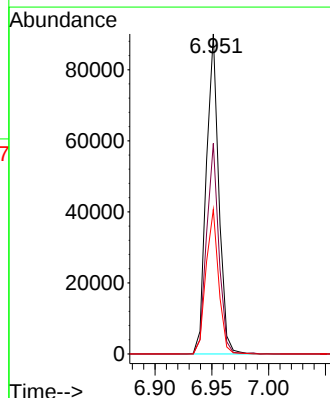
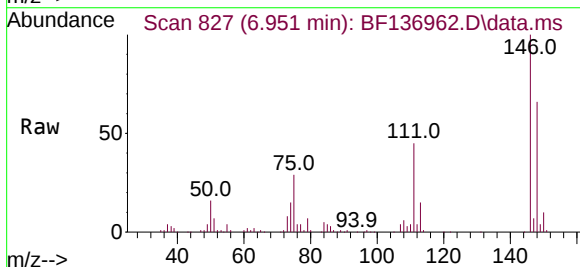
RT: 6.951 min Scan# 827

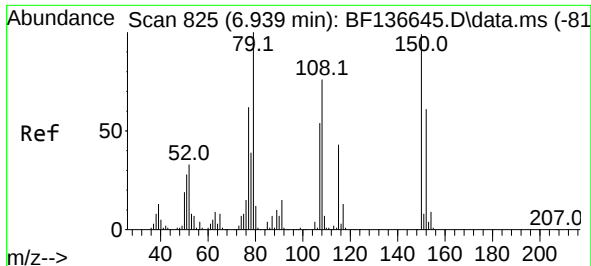
Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

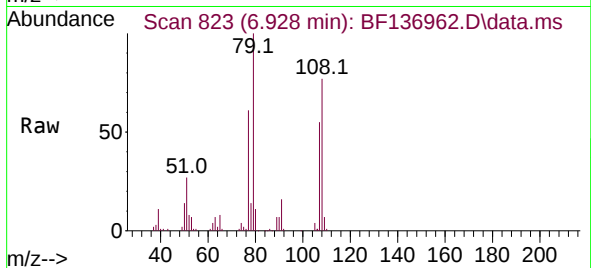
Tgt Ion:146	Resp:	68737
Ion Ratio	Lower	Upper
146	100	
148	65.8	49.6 74.4
111	45.1	36.2 54.2





#15
Benzyl Alcohol
Concen: 20.317 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

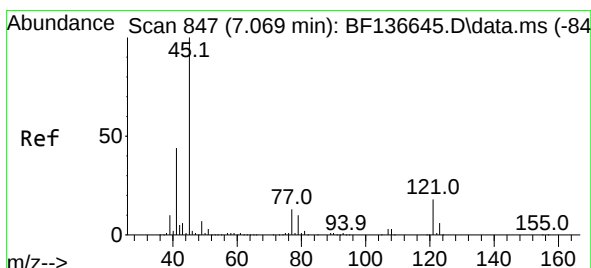
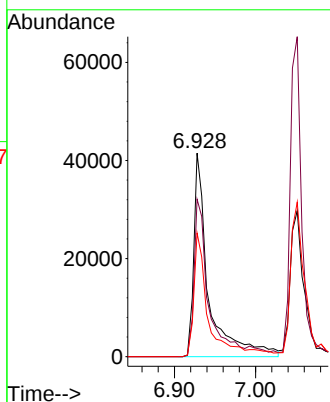
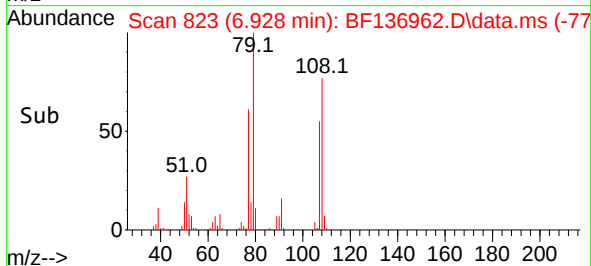
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



Tgt Ion: 79 Resp: 53119
Ion Ratio Lower Upper
79 100
108 77.4 61.0 91.6
77 60.8 49.8 74.8

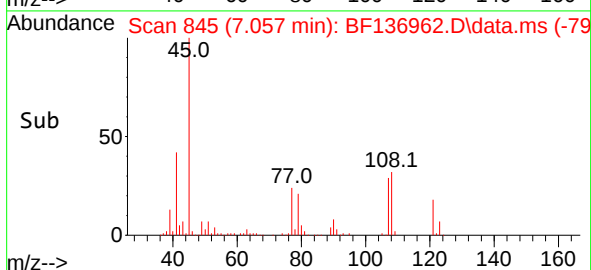
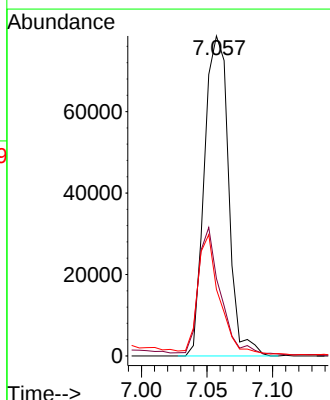
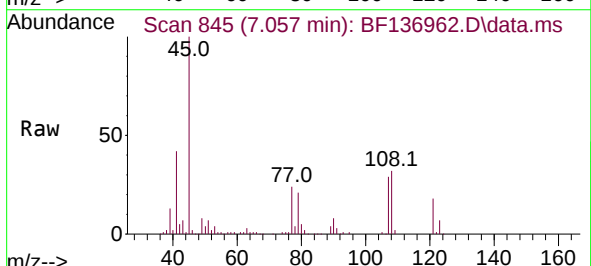
Manual Integrations
APPROVED

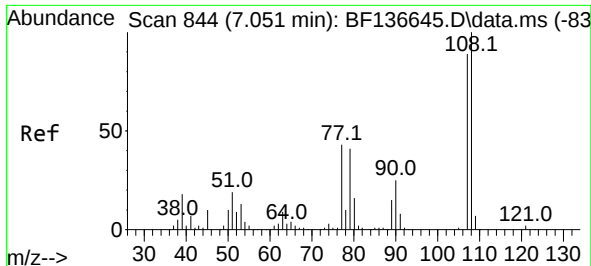
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.547 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

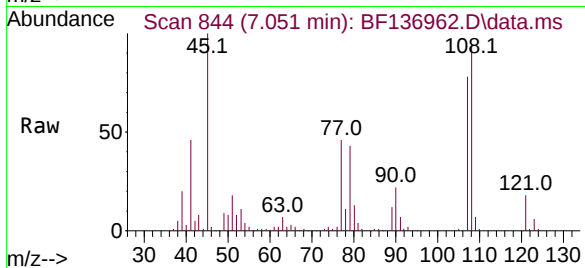
Tgt Ion: 45 Resp: 100544
Ion Ratio Lower Upper
45 100
77 24.2 0.0 34.3
79 20.8 0.0 31.4





#17
2-Methylphenol
Concen: 19.612 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

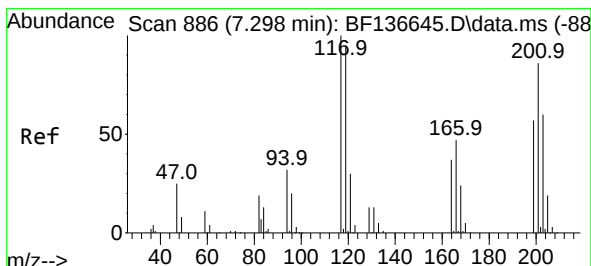
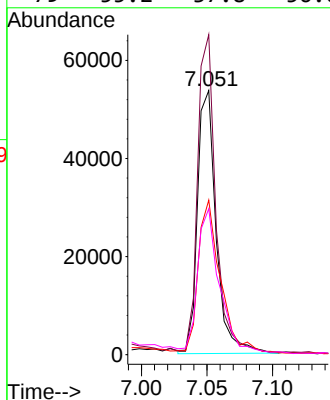
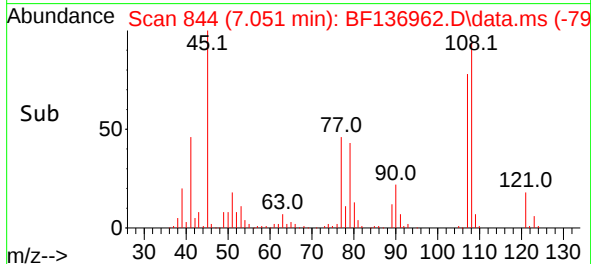
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



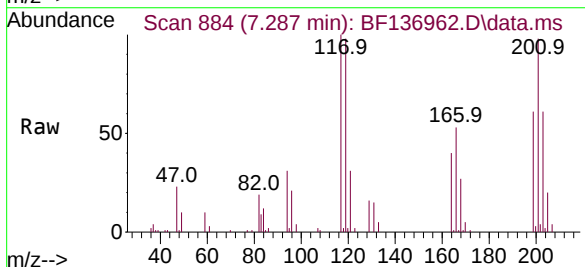
Tgt Ion:107 Resp: 53178
Ion Ratio Lower Upper
107 100
108 121.1 90.3 135.5
77 58.5 38.7 58.1
79 55.2 37.8 56.6

Manual Integrations
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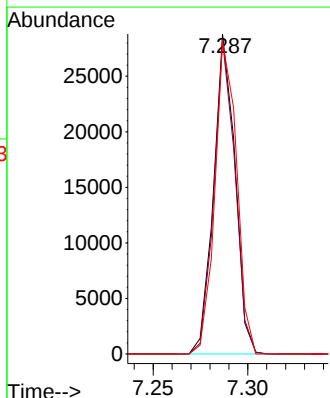
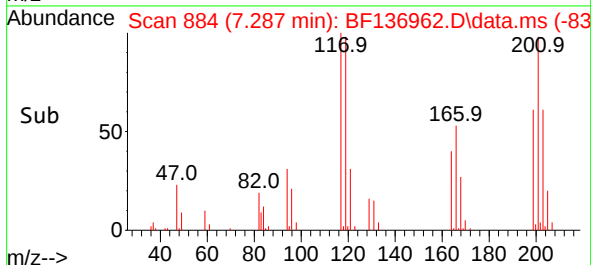
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

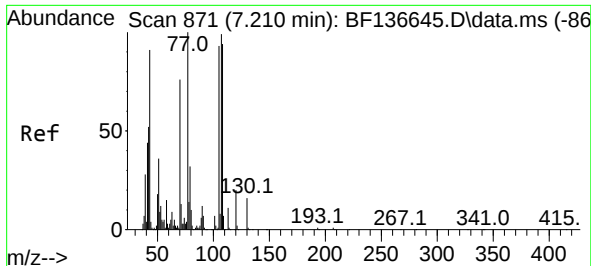


#18
Hexachloroethane
Concen: 17.062 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31



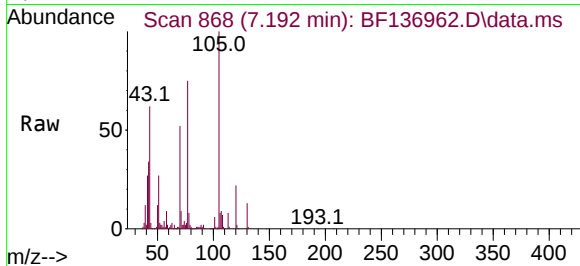
Tgt Ion:117 Resp: 22606
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.6
201 97.6 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 20.043 ng
RT: 7.192 min Scan# 80
Delta R.T. -0.017 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

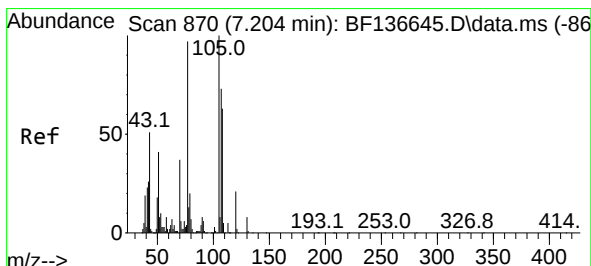
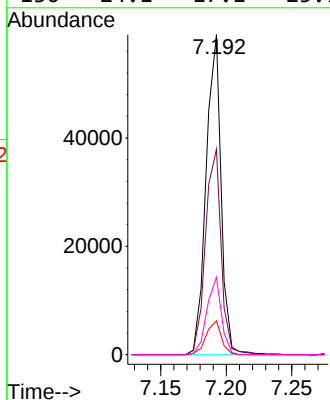
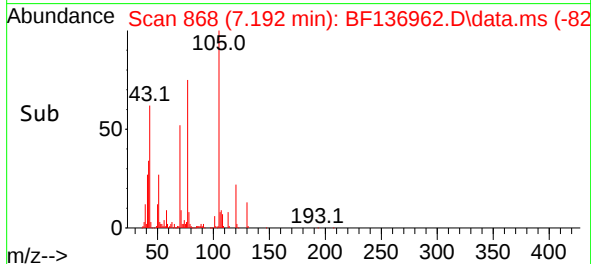
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



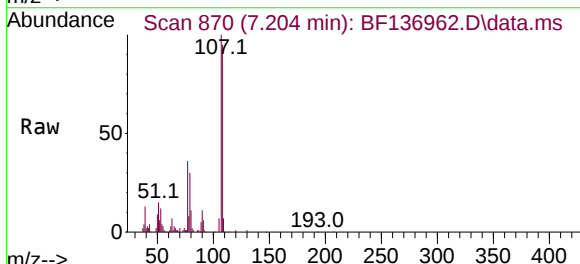
Tgt Ion: 70 Resp: 4708
Ion Ratio Lower Upper
70 100
42 64.2 54.2 81.4
101 10.6 7.6 11.4
130 24.1 17.1 25.7

Manual Integrations
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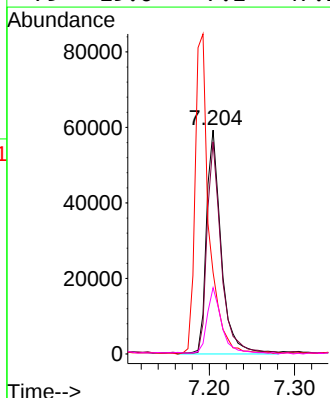
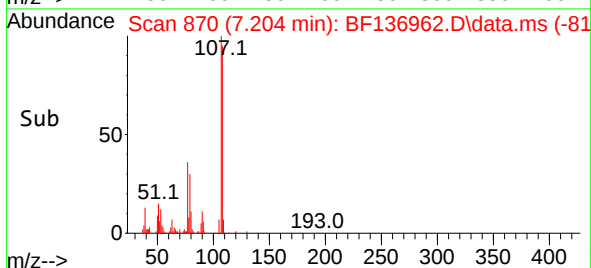
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

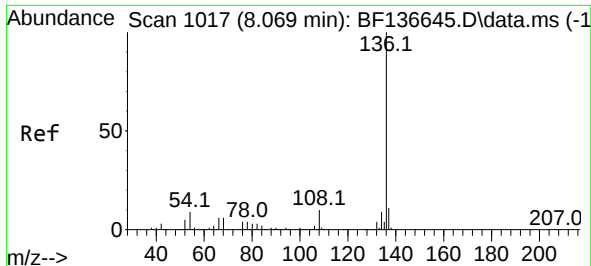


#20
3+4-Methylphenols
Concen: 21.102 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31



Tgt Ion:107 Resp: 71481
Ion Ratio Lower Upper
107 100
108 94.8 66.0 106.0
77 36.5 114.2 154.2#
79 29.6 7.2 47.2





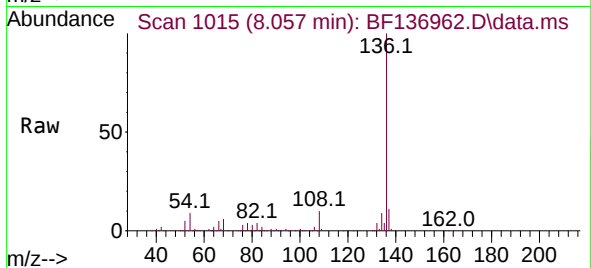
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD



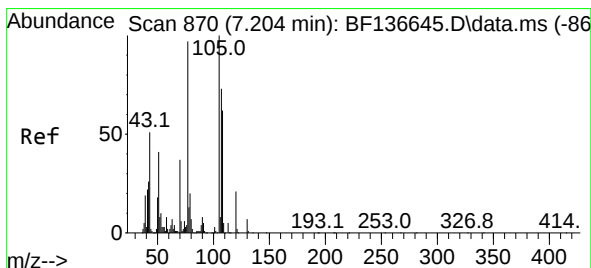
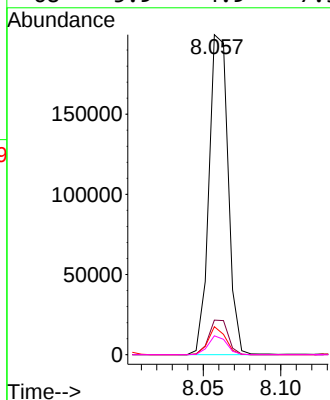
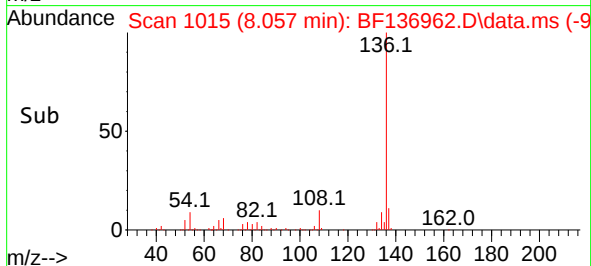
Tgt Ion:136 Resp: 171720
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.7 7.2 10.8
68 5.9 4.9 7.3

Manual Integrations

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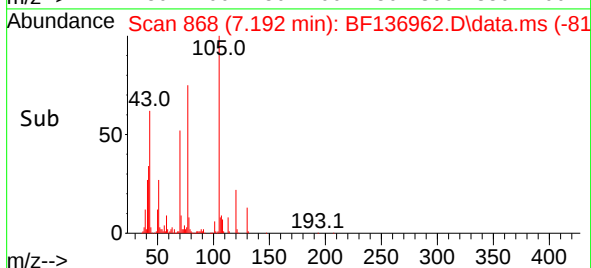
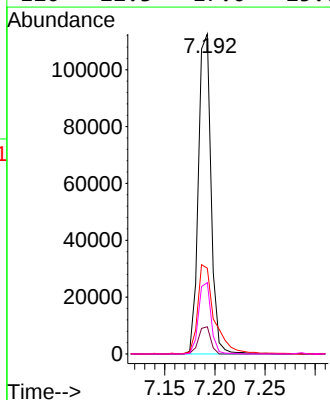
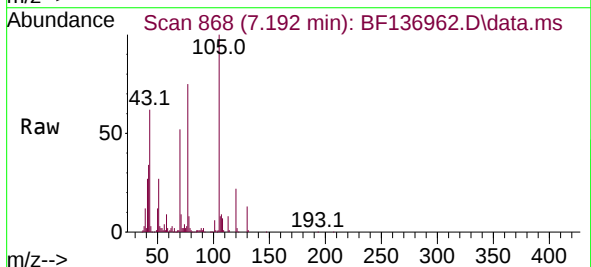
Reviewed By :Yogesh Patel 01/05/2024

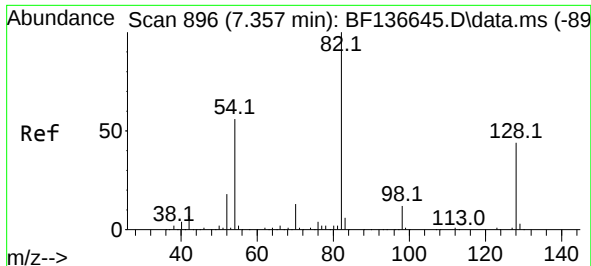
Supervised By :mohammad ahmed 01/05/2024



#22
Acetophenone
Concen: 23.145 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

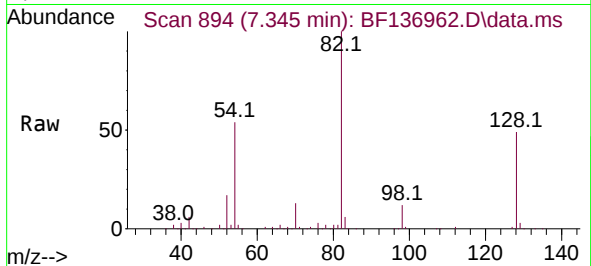
Tgt Ion:105 Resp: 99623
Ion Ratio Lower Upper
105 100
71 8.5 4.8 7.2#
51 26.8 32.8 49.2#
120 22.3 17.0 25.6





#23
Nitrobenzene-d5
Concen: 35.117 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

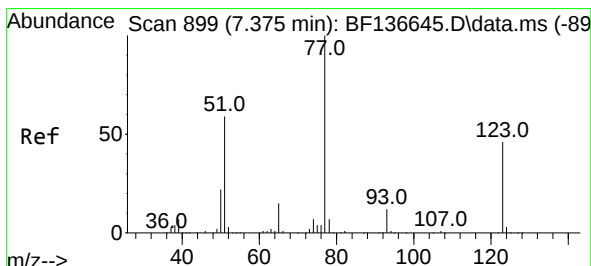
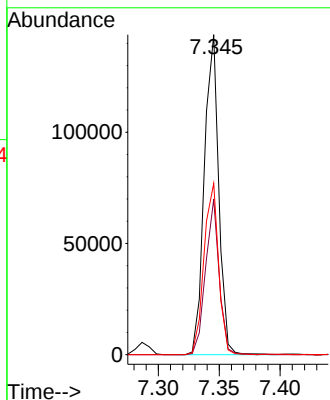
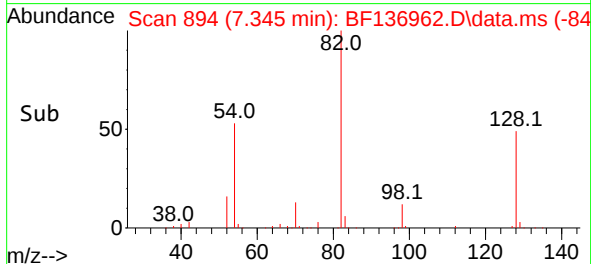
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



Tgt Ion: 82 Resp: 117850
Ion Ratio Lower Upper
82 100
128 48.6 35.3 52.9
54 53.6 44.5 66.7

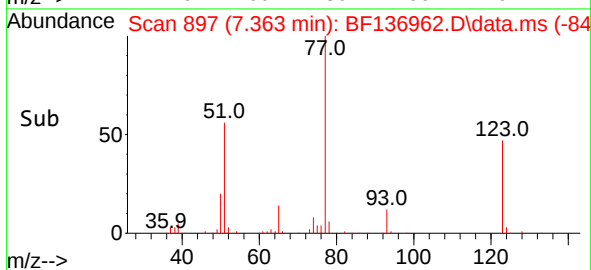
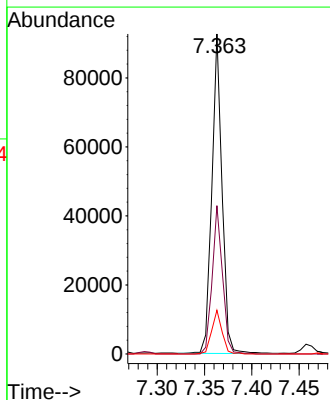
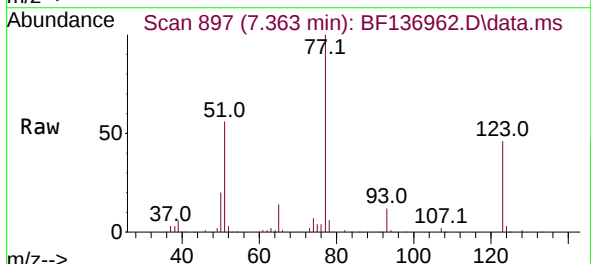
Manual Integrations
APPROVED

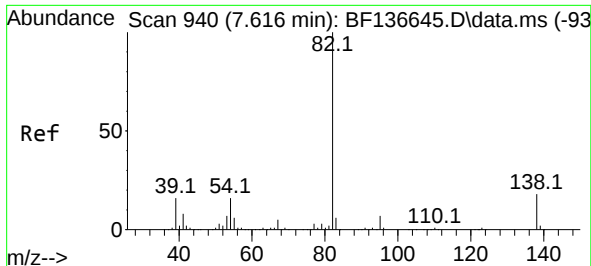
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#24
Nitrobenzene
Concen: 20.572 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion: 77 Resp: 69158
Ion Ratio Lower Upper
77 100
123 46.3 36.7 55.1
65 13.6 11.8 17.6





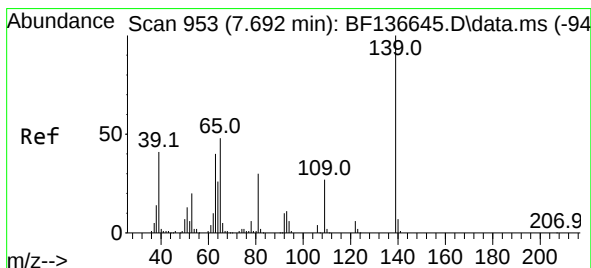
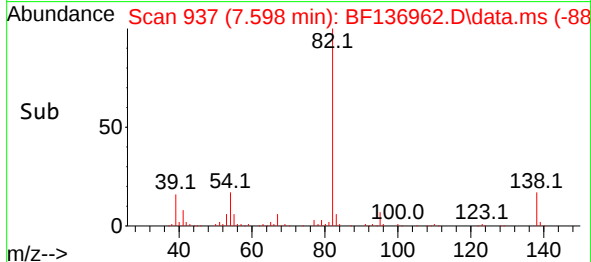
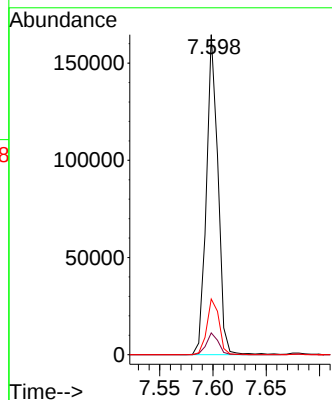
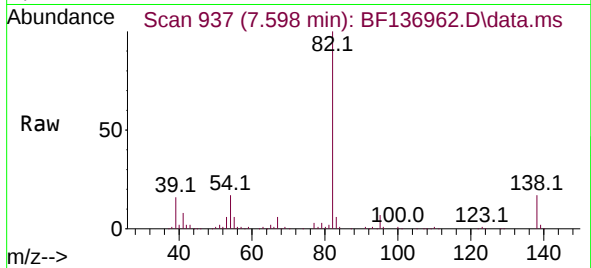
#25
Isophorone
Concen: 20.488 ng
RT: 7.598 min Scan# 910
Delta R.T. -0.017 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

Tgt Ion: 82 Resp: 125100
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.4 14.5 21.7

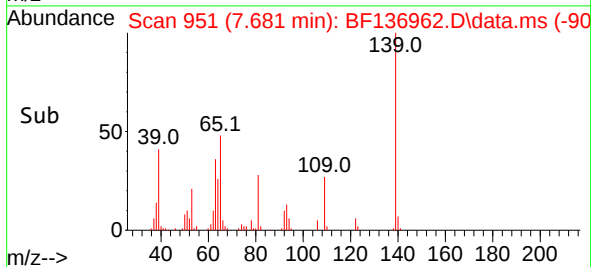
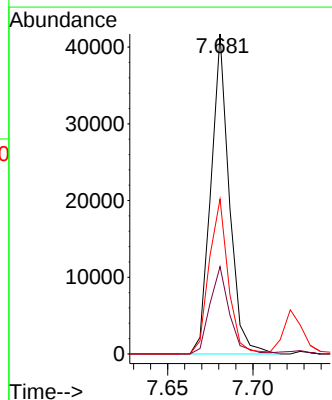
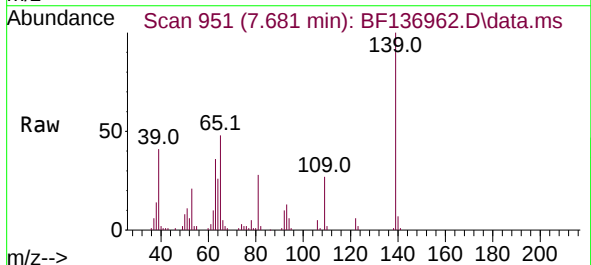
Manual Integrations
APPROVED

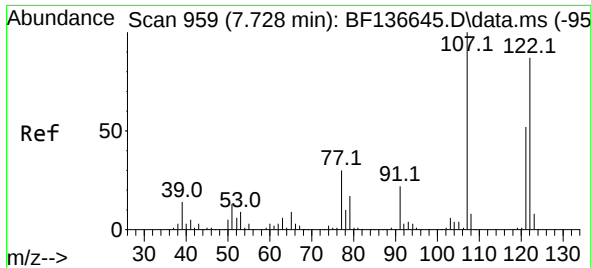
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#26
2-Nitrophenol
Concen: 19.476 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:139 Resp: 31325
Ion Ratio Lower Upper
139 100
109 27.3 21.9 32.9
65 48.4 38.6 58.0





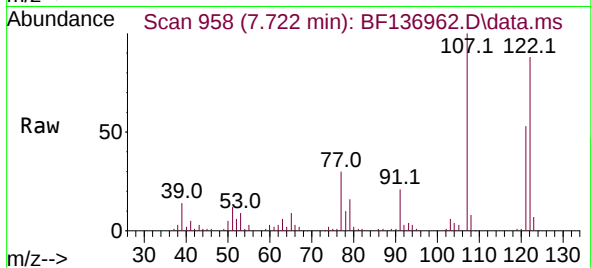
#27
2,4-Dimethylphenol
Concen: 26.946 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD



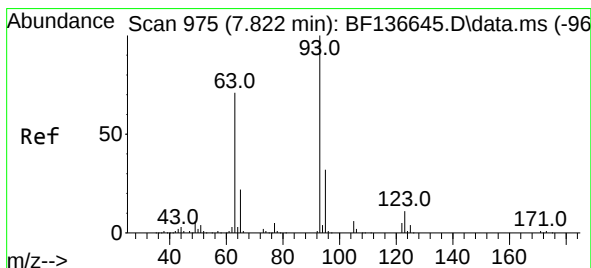
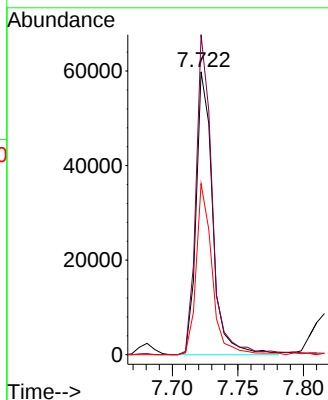
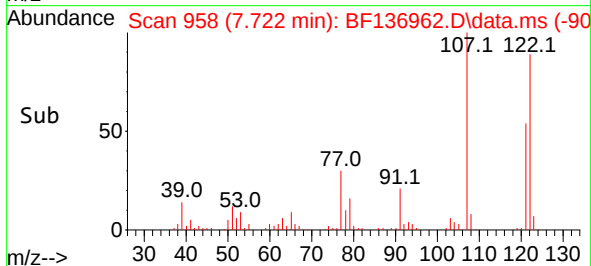
Tgt Ion:122 Resp: 52764
Ion Ratio Lower Upper
122 100
107 113.1 92.0 138.0
121 60.5 47.5 71.3

Manual Integrations

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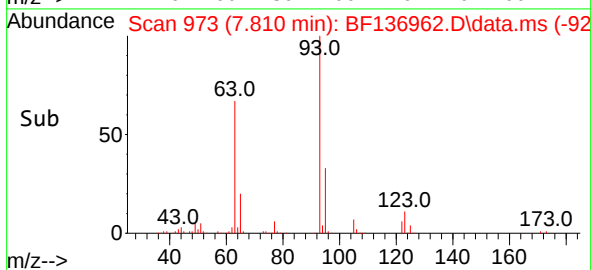
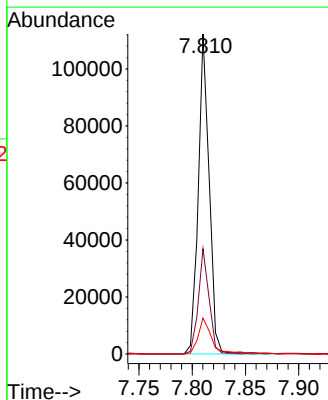
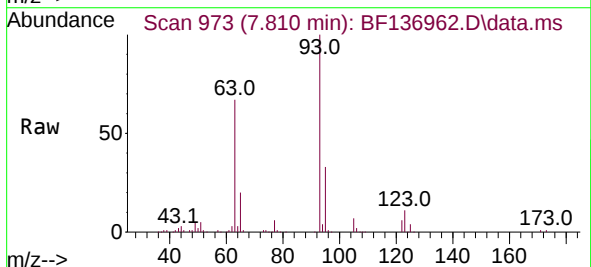
Reviewed By :Yogesh Patel 01/05/2024

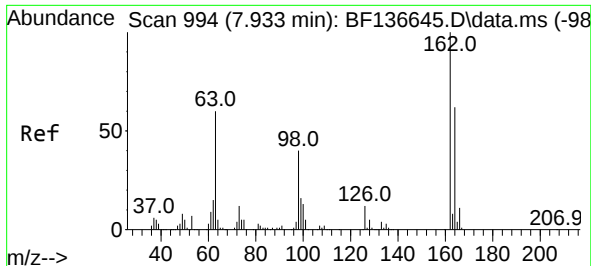
Supervised By :mohammad ahmed 01/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 21.630 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

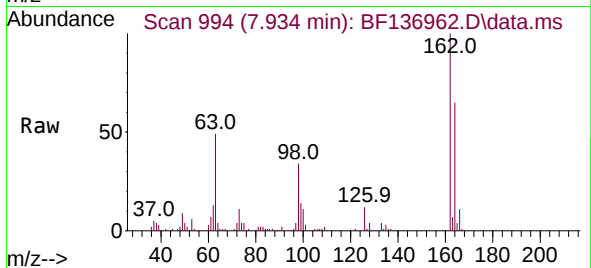
Tgt Ion: 93 Resp: 80286
Ion Ratio Lower Upper
93 100
95 32.9 25.5 38.3
123 11.2 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 20.972 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

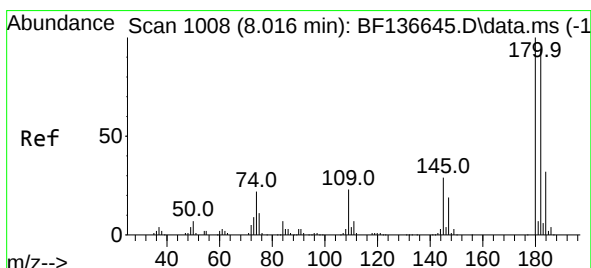
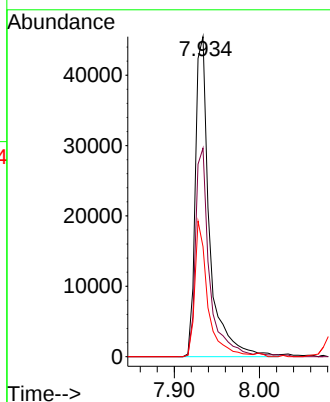
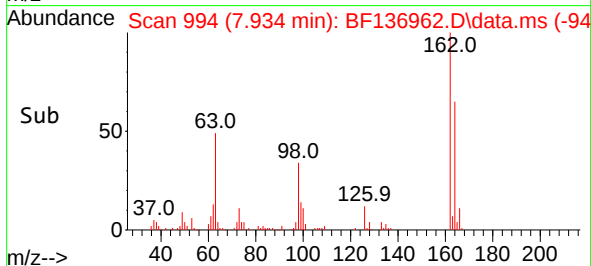
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



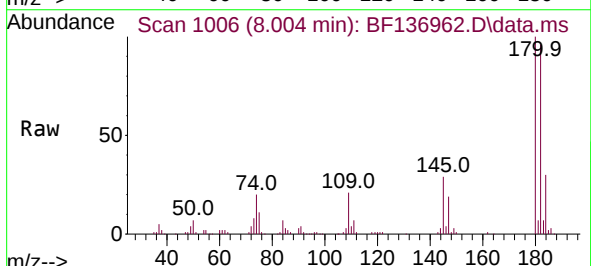
Tgt Ion:162 Resp: 52869
Ion Ratio Lower Upper
162 100
164 65.2 41.7 81.7
98 34.4 19.5 59.5

Manual Integrations
APPROVED

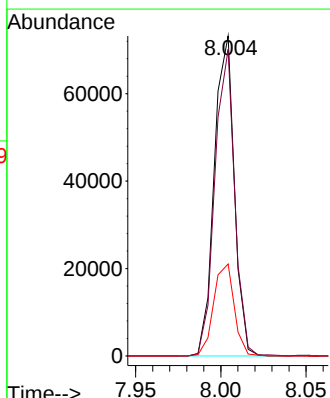
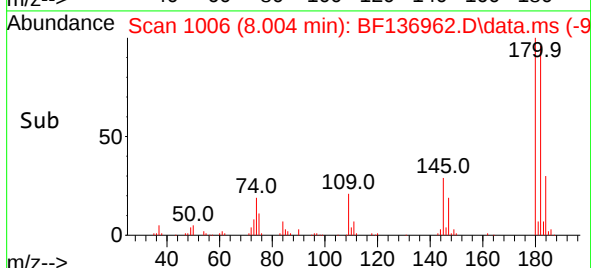
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

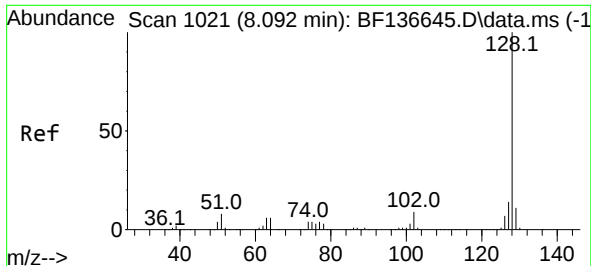


#30
1,2,4-Trichlorobenzene
Concen: 21.289 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31



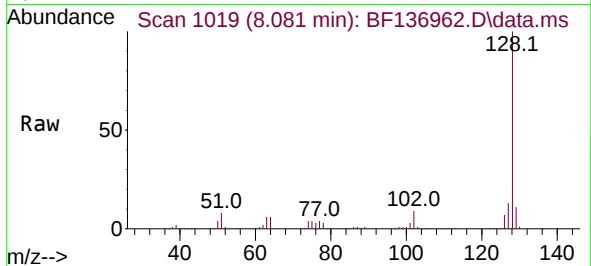
Tgt Ion:180 Resp: 59796
Ion Ratio Lower Upper
180 100
182 95.8 75.4 113.0
145 28.8 23.1 34.7





#31
Naphthalene
Concen: 21.187 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

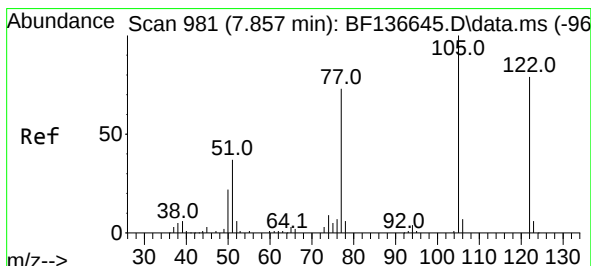
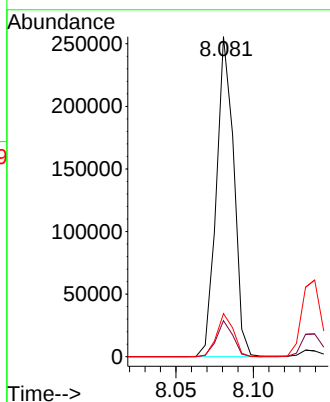
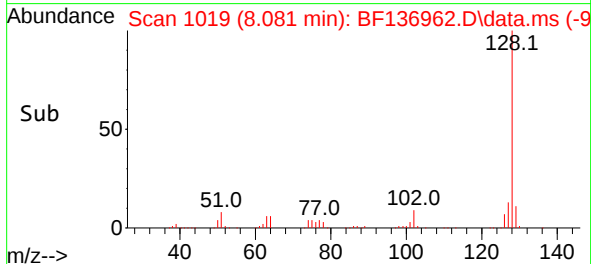
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



Tgt Ion:128 Resp: 199885
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.5 10.8 16.2

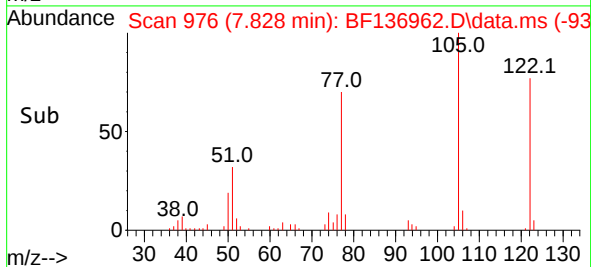
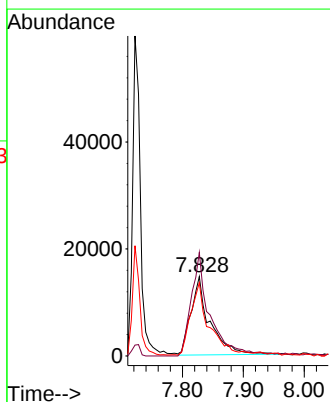
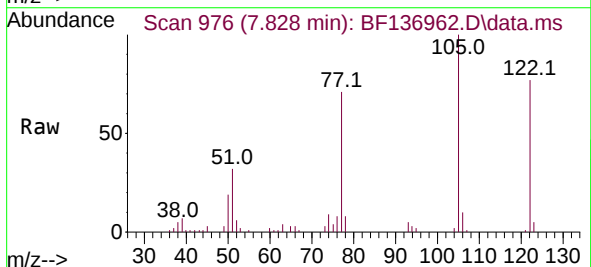
Manual Integrations
APPROVED

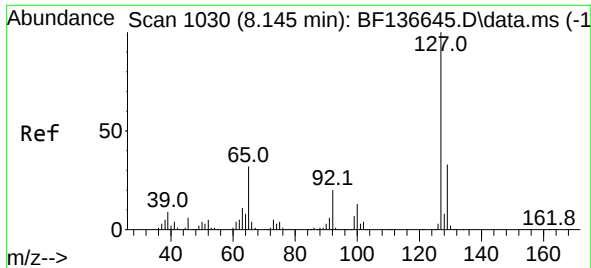
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#32
Benzoic acid
Concen: 16.722 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.029 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:122 Resp: 31683
Ion Ratio Lower Upper
122 100
105 130.6 100.8 140.8
77 92.4 70.9 110.9





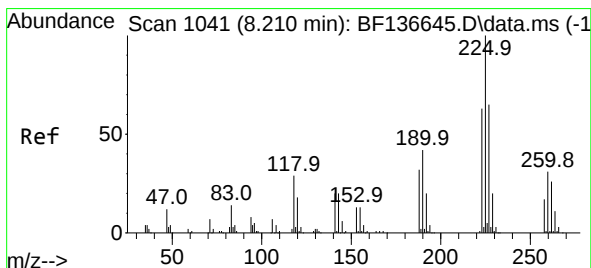
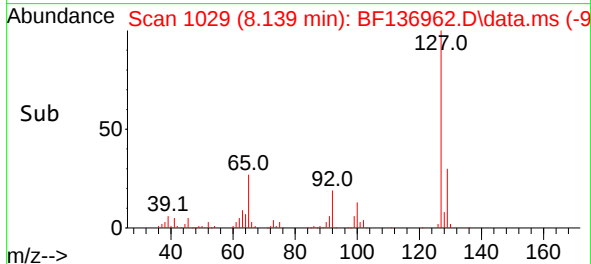
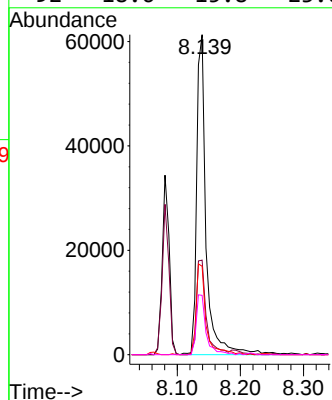
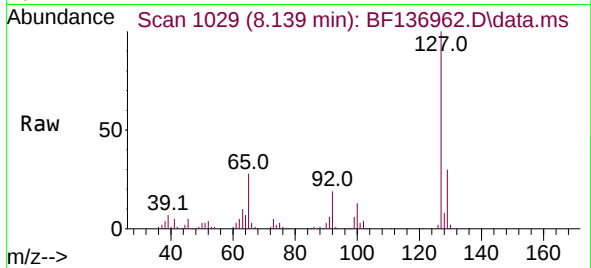
#33
4-Chloroaniline
Concen: 18.328 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

Tgt Ion:	127	Resp:	63840
Ion Ratio	Lower	Upper	
127	100		
129	29.6	26.3	39.5
65	27.7	25.8	38.8
92	18.6	15.8	23.6

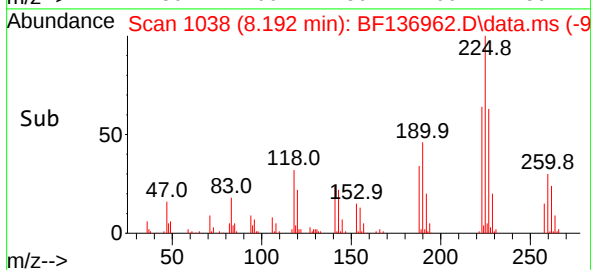
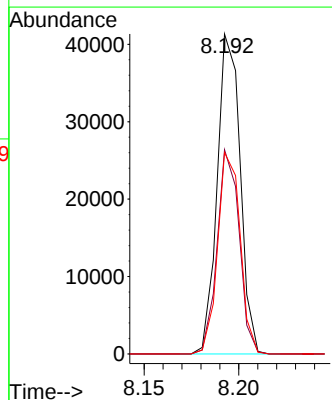
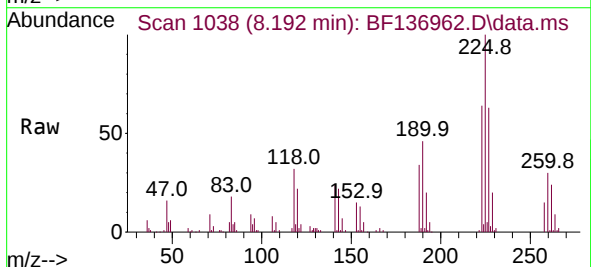
Manual Integrations
APPROVED

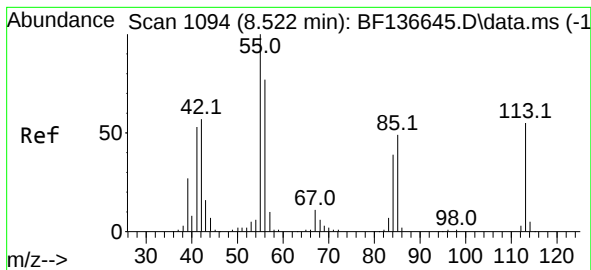
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#34
Hexachlorobutadiene
Concen: 20.456 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

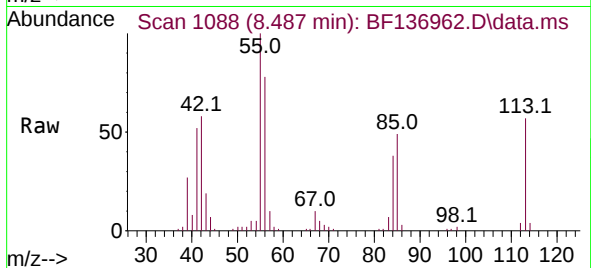
Tgt Ion:	225	Resp:	34908
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.6	76.0
227	63.0	51.9	77.9





#35
 Caprolactam
 Concen: 20.843 ng
 RT: 8.487 min Scan# 1108
 Delta R.T. -0.035 min
 Lab File: BF136962.D
 Acq: 05 Jan 2024 02:31

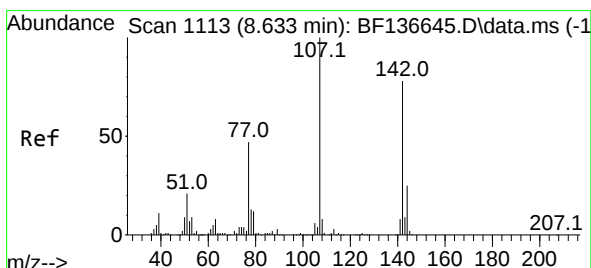
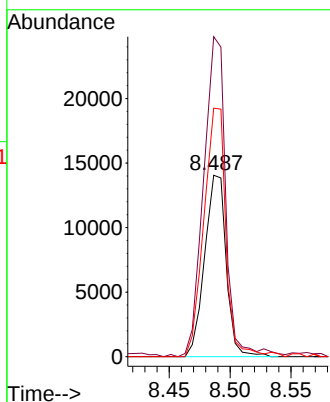
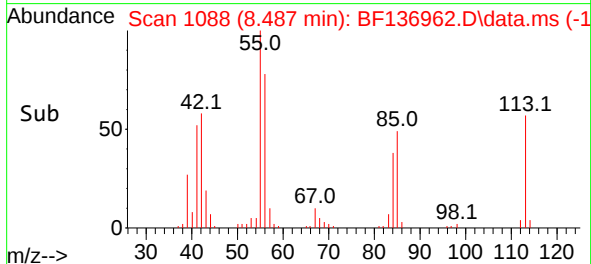
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-01022024MSD



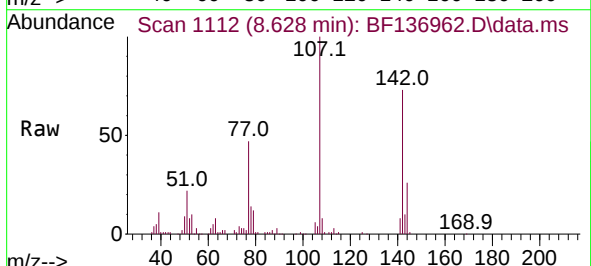
Tgt Ion:113 Resp: 17334
 Ion Ratio Lower Upper
 113 100
 55 176.4 163.1 203.1
 56 137.0 121.7 161.7

Manual Integrations
 APPROVED

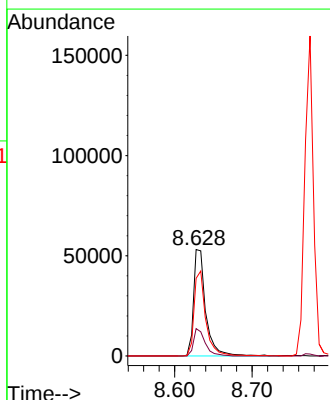
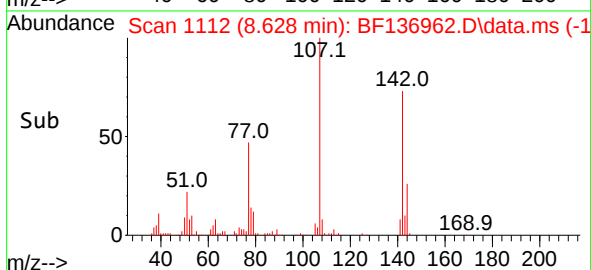
Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

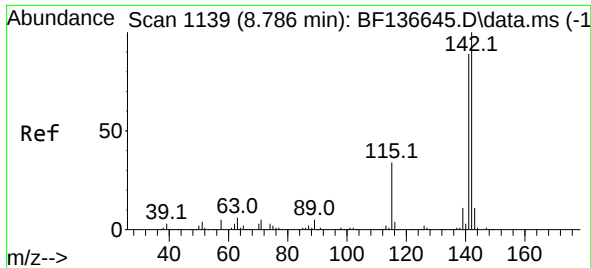


#36
 4-Chloro-3-methylphenol
 Concen: 20.444 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136962.D
 Acq: 05 Jan 2024 02:31



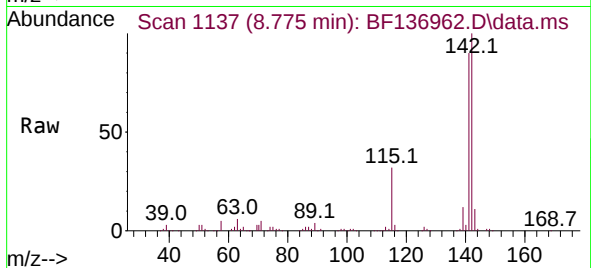
Tgt Ion:107 Resp: 58021
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.2 30.2
 142 73.0 62.3 93.5





#37
2-Methylnaphthalene
Concen: 20.447 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

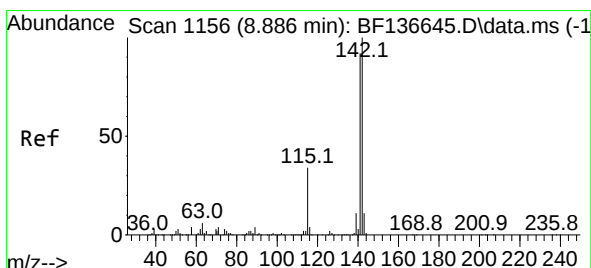
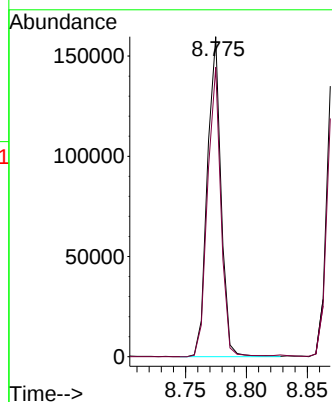
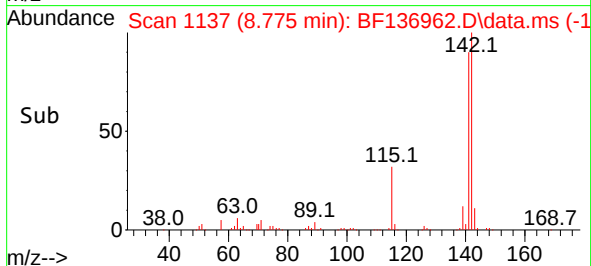
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



Tgt Ion:142 Resp: 12414
Ion Ratio Lower Upper
142 100
141 90.4 71.1 106.7

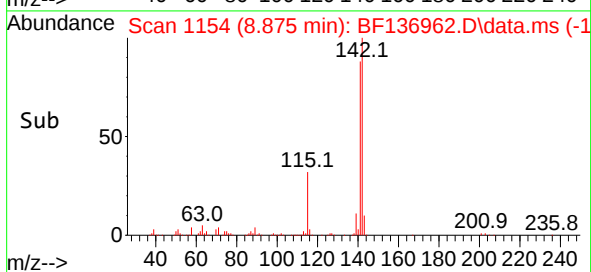
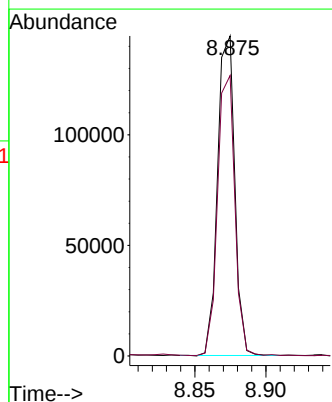
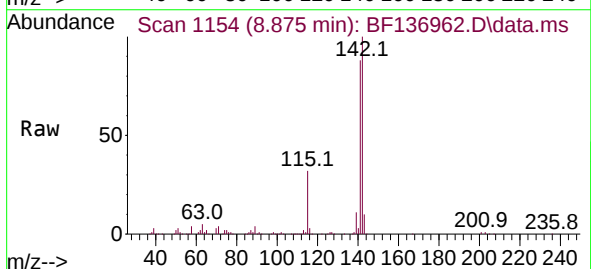
Manual Integrations
APPROVED

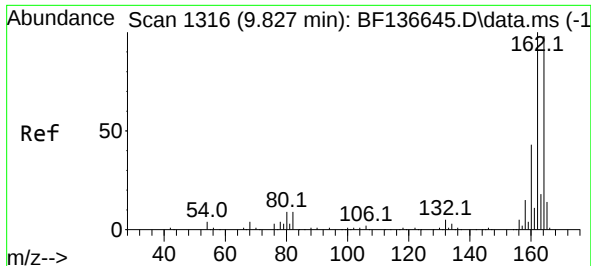
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#38
1-Methylnaphthalene
Concen: 20.283 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:142 Resp: 120821
Ion Ratio Lower Upper
142 100
141 87.7 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136962.D

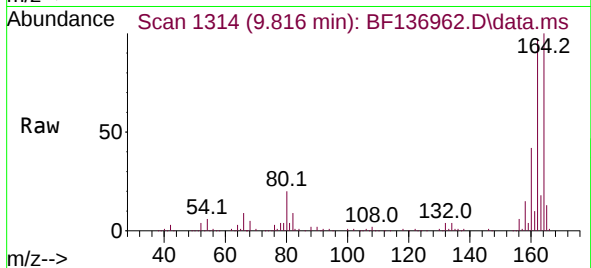
Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD



Tgt Ion:164 Resp: 82060

Ion Ratio Lower Upper

164 100

162 96.6 81.6 122.4

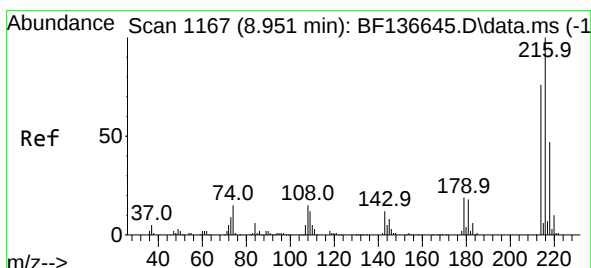
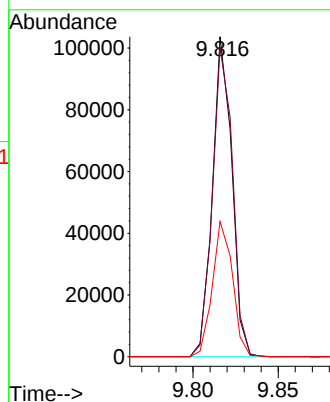
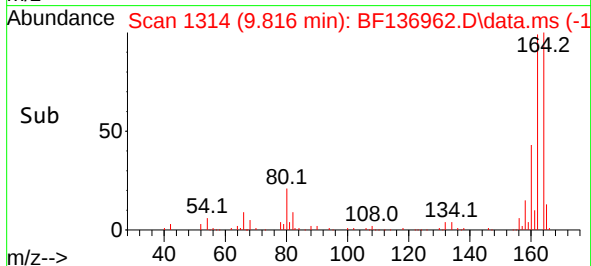
160 42.3 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 24.046 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Tgt Ion:216 Resp: 61114

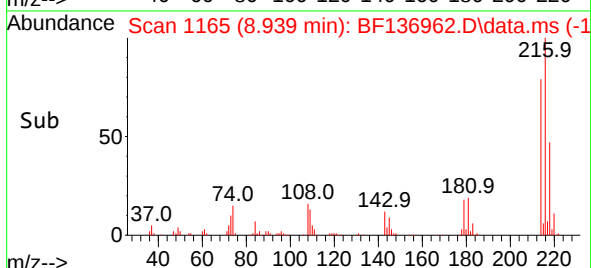
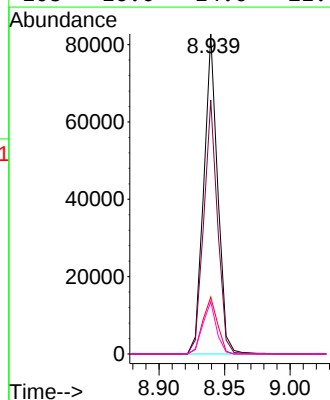
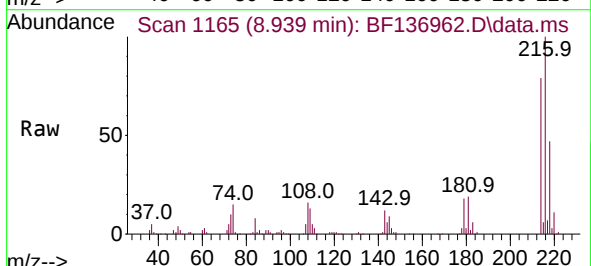
Ion Ratio Lower Upper

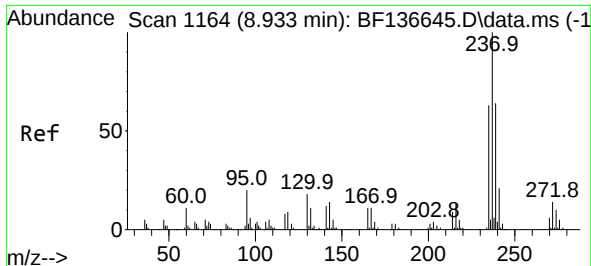
216 100

214 78.6 62.3 93.5

179 18.8 16.4 24.6

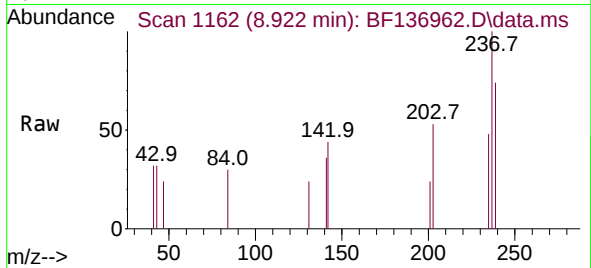
108 16.0 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 5.439 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

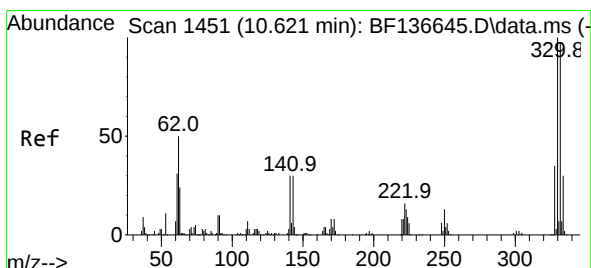
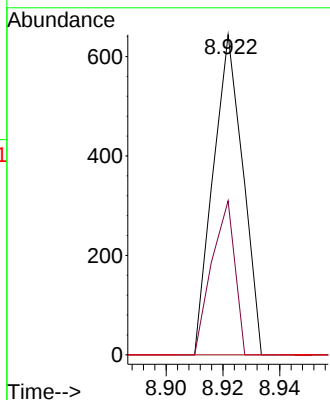
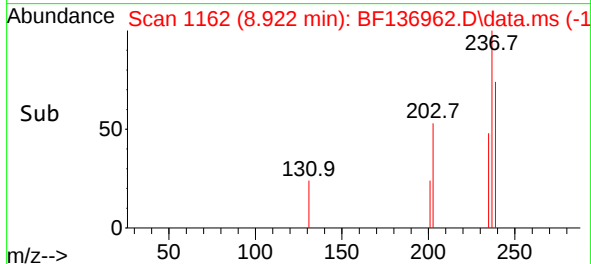
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



Tgt Ion: 237 Resp: 461
Ion Ratio Lower Upper
237 100
235 48.1 43.2 83.2
272 0.0 0.0 34.2

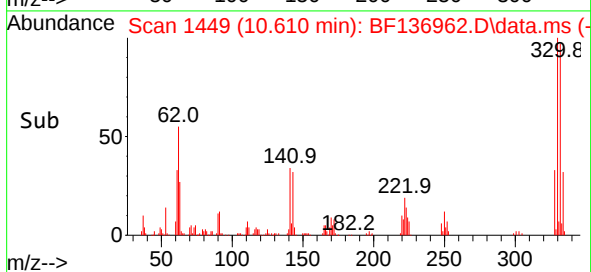
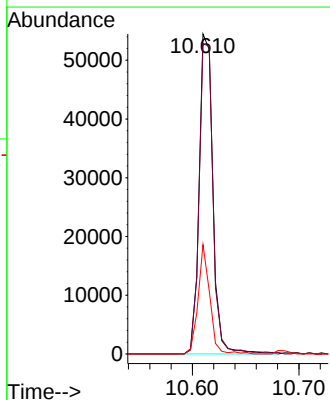
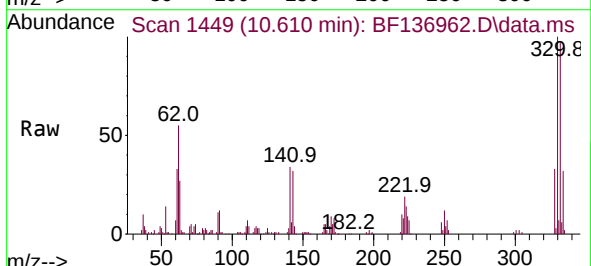
Manual Integrations
APPROVED

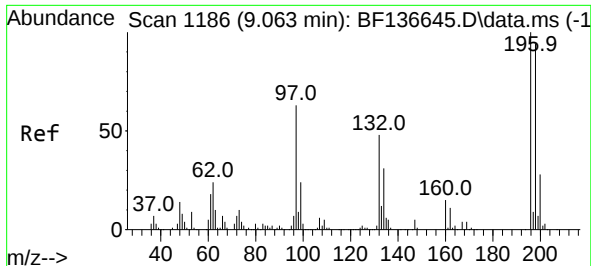
Reviewed By : Yogesh Patel 01/05/2024
Supervised By : mohammad ahmed 01/05/2024



#42
2,4,6-Tribromophenol
Concen: 50.553 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

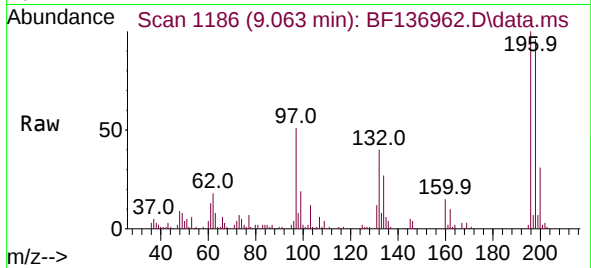
Tgt Ion: 330 Resp: 48860
Ion Ratio Lower Upper
330 100
332 98.8 77.4 116.0
141 29.1 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 22.103 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

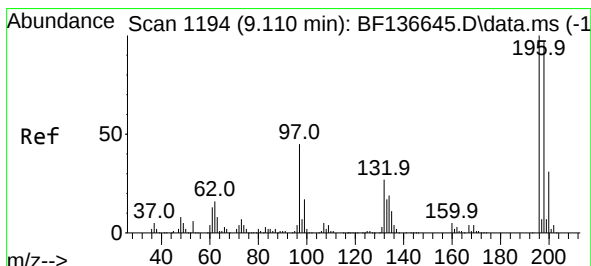
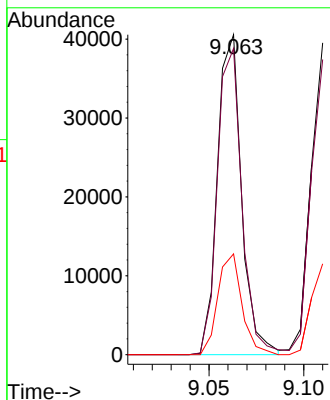
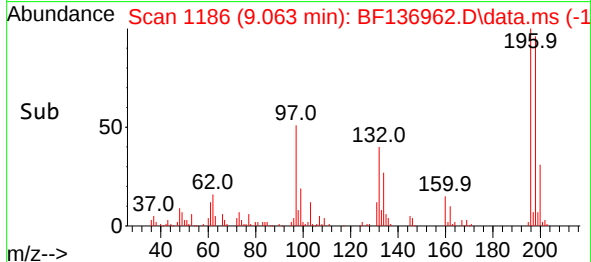
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



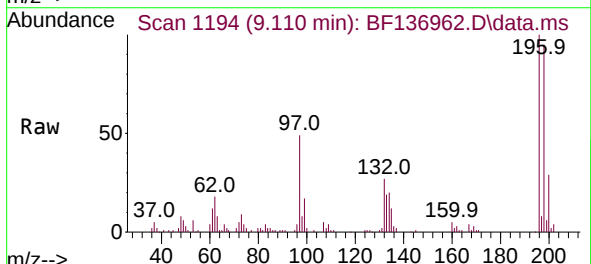
Tgt Ion:196 Resp: 36020
Ion Ratio Lower Upper
196 100
198 95.7 75.1 112.7
200 31.5 22.5 33.7

Manual Integrations
APPROVED

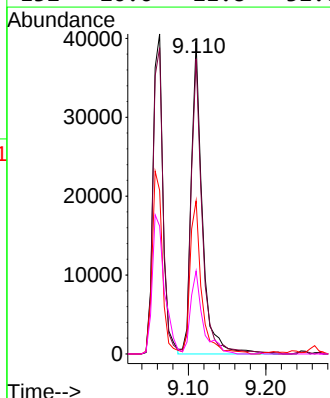
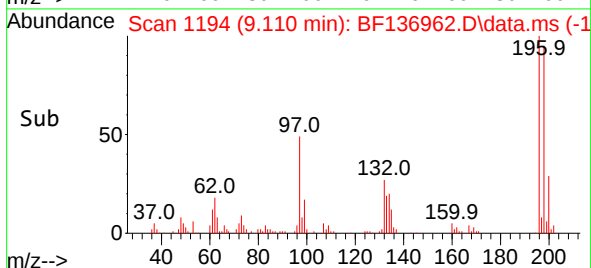
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

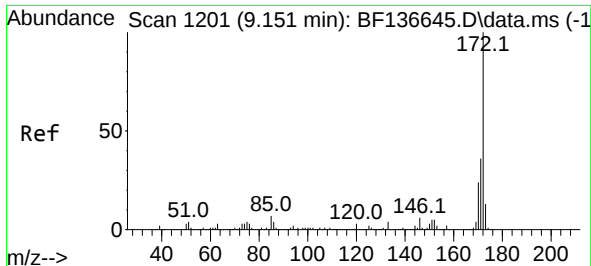


#44
2,4,5-Trichlorophenol
Concen: 21.784 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31



Tgt Ion:196 Resp: 39567
Ion Ratio Lower Upper
196 100
198 94.7 77.0 115.6
97 49.1 36.1 54.1
132 26.6 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 40.971 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136962.D

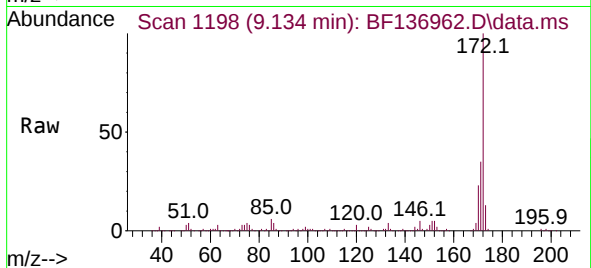
Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD



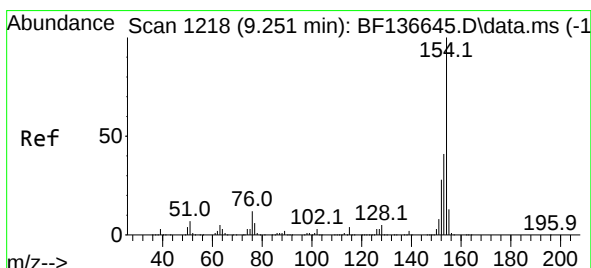
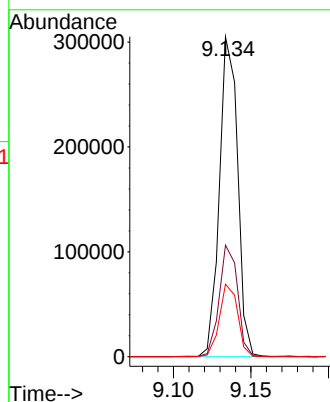
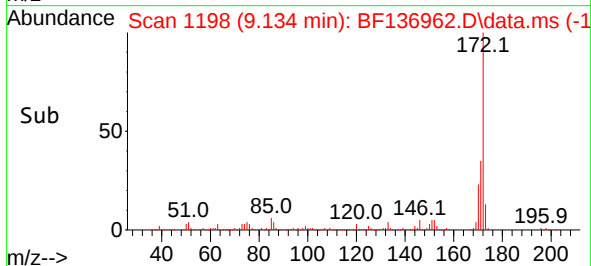
Tgt Ion:	172	Resp:	24998
Ion Ratio	Lower	Upper	
172	100		
171	34.9	29.0	43.6
170	22.6	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#46

1,1'-Biphenyl

Concen: 23.759 ng

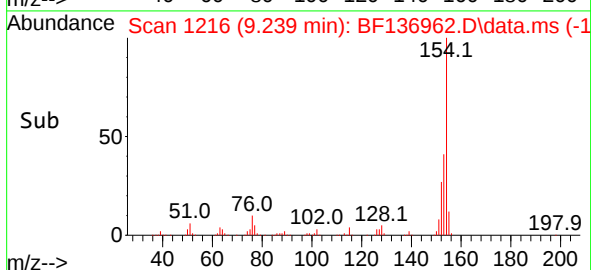
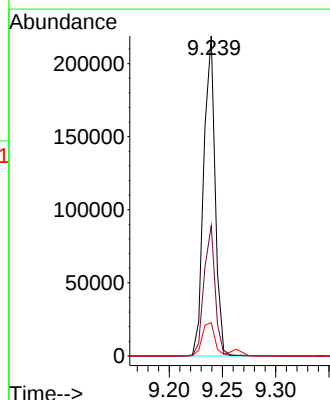
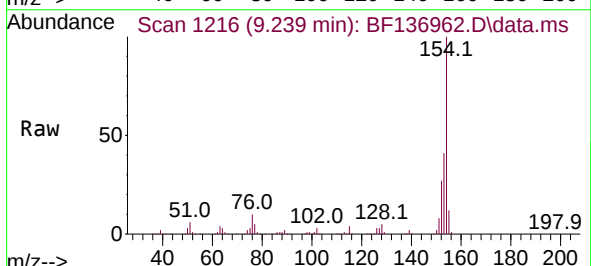
RT: 9.239 min Scan# 1216

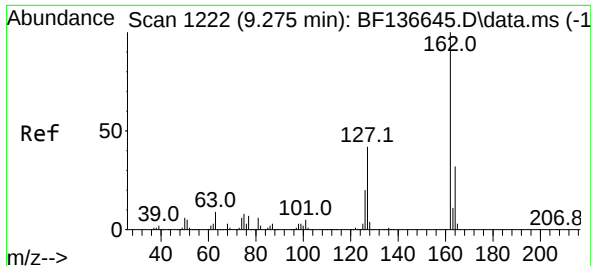
Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

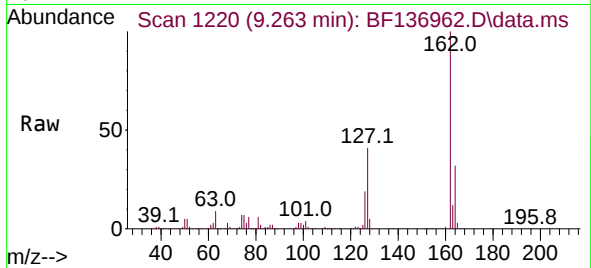
Tgt Ion:	154	Resp:	163619
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.1	61.1
76	10.4	0.0	31.7





#47
2-Chloronaphthalene
Concen: 22.048 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

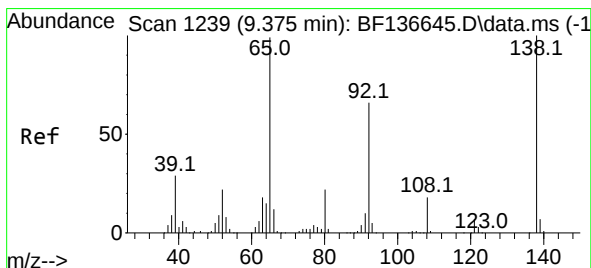
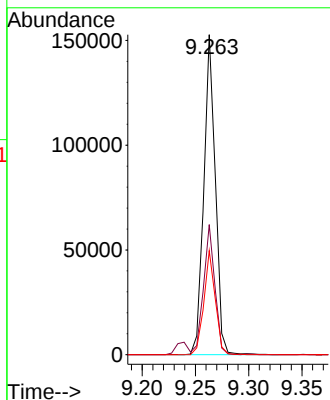
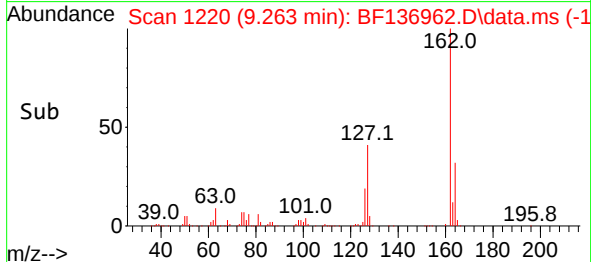
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



Tgt Ion:162 Resp: 115420
Ion Ratio Lower Upper
162 100
127 40.6 33.6 50.4
164 32.5 25.7 38.5

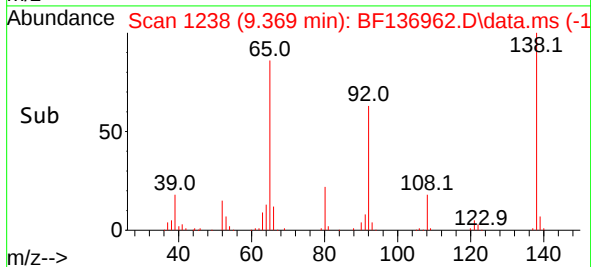
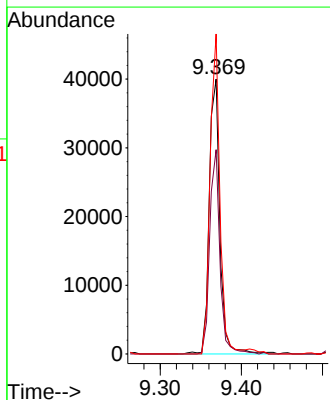
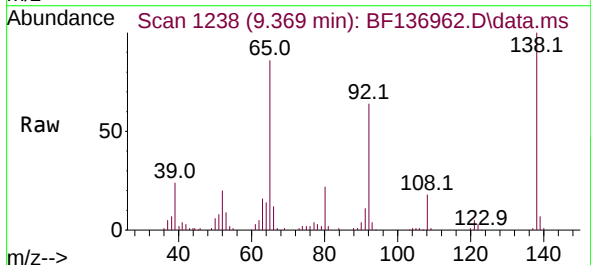
Manual Integrations
APPROVED

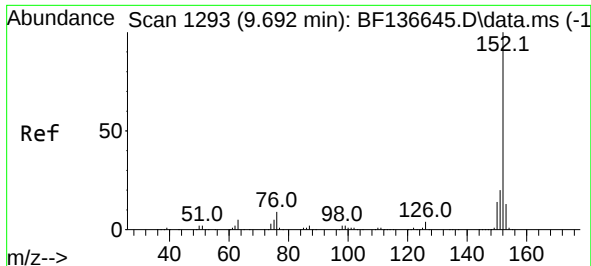
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#48
2-Nitroaniline
Concen: 22.129 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

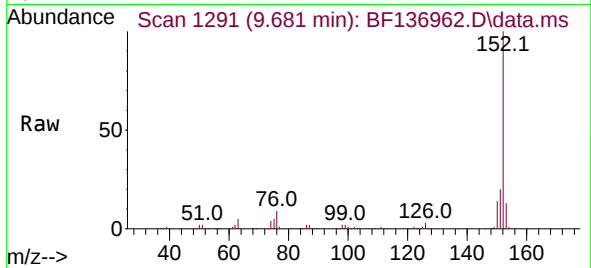
Tgt Ion: 65 Resp: 36278
Ion Ratio Lower Upper
65 100
92 74.3 53.2 79.8
138 116.4 81.1 121.7





#49
Acenaphthylene
Concen: 23.280 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

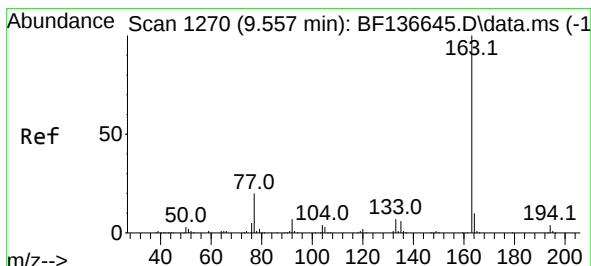
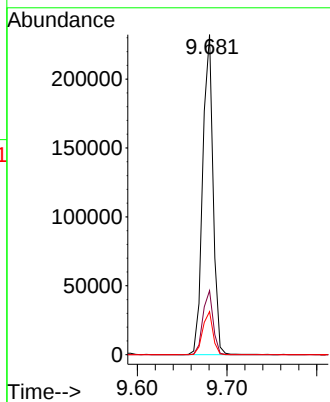
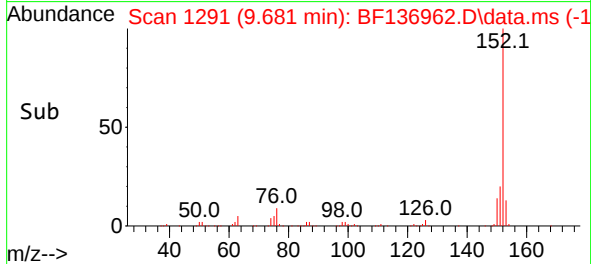
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



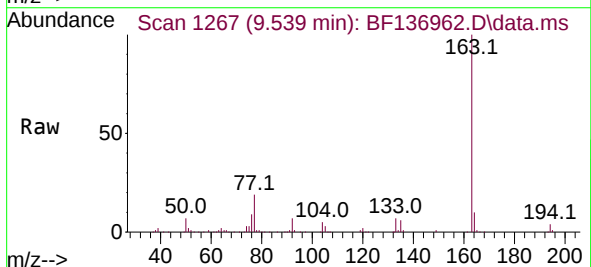
Tgt Ion:152 Resp: 186290
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.4 10.2 15.2

Manual Integrations
APPROVED

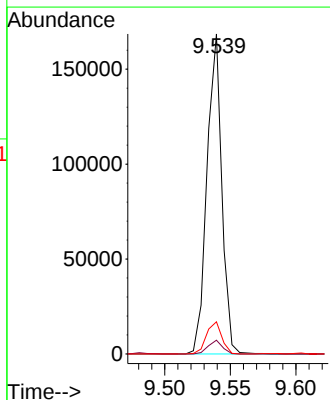
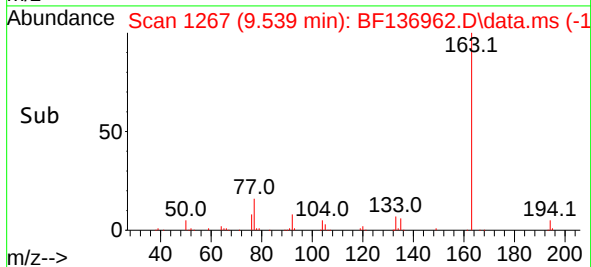
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

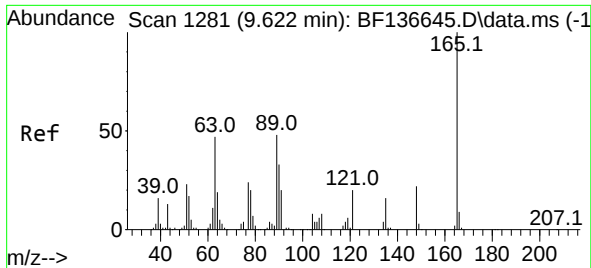


#50
Dimethylphthalate
Concen: 22.136 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.017 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31



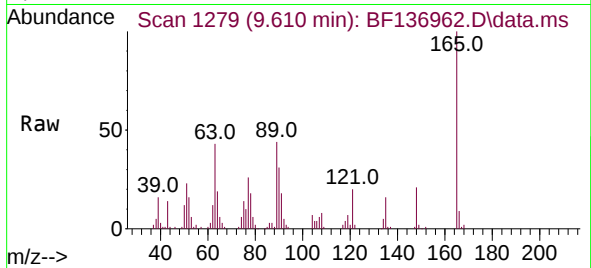
Tgt Ion:163 Resp: 132691
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.0 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 19.856 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

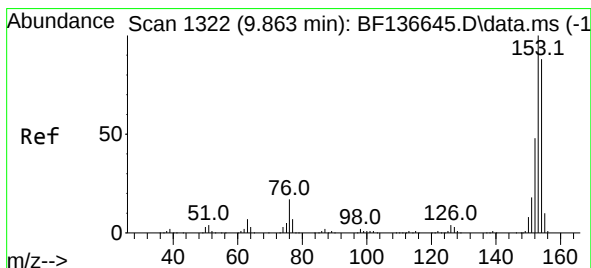
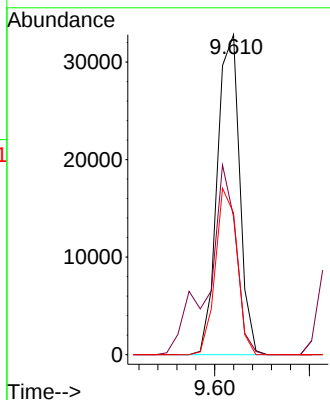
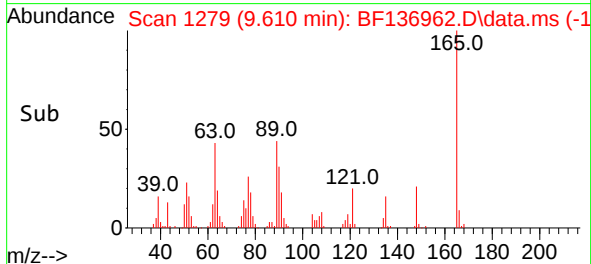
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



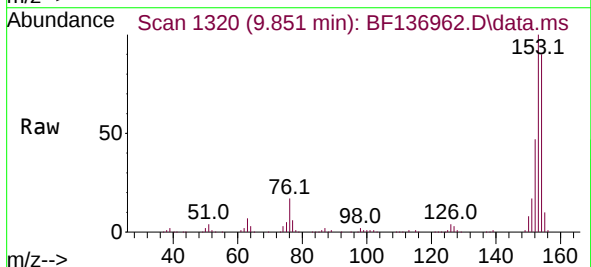
Tgt Ion:165 Resp: 27011
Ion Ratio Lower Upper
165 100
63 43.0 39.8 59.6
89 44.3 38.8 58.2

Manual Integrations
APPROVED

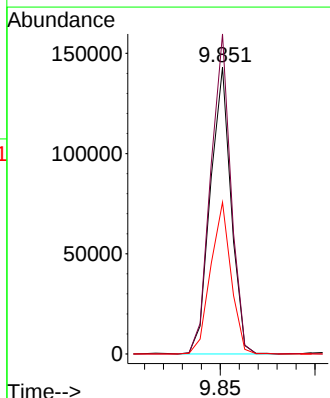
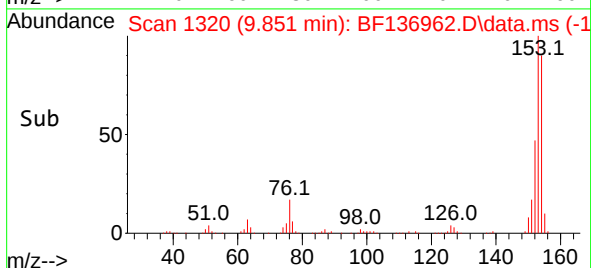
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

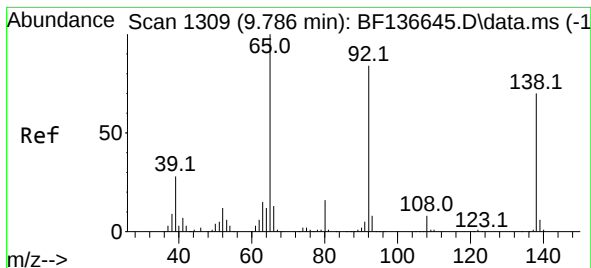


#52
Acenaphthene
Concen: 21.856 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31



Tgt Ion:154 Resp: 108411
Ion Ratio Lower Upper
154 100
153 111.5 90.7 136.1
152 52.8 43.7 65.5





#53

3-Nitroaniline

Concen: 21.552 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

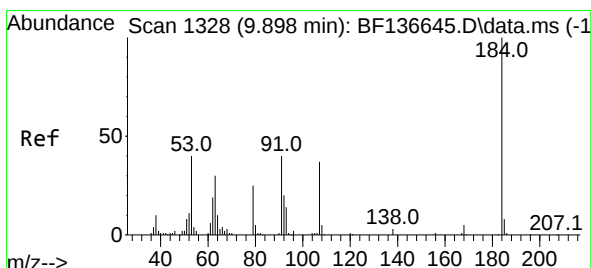
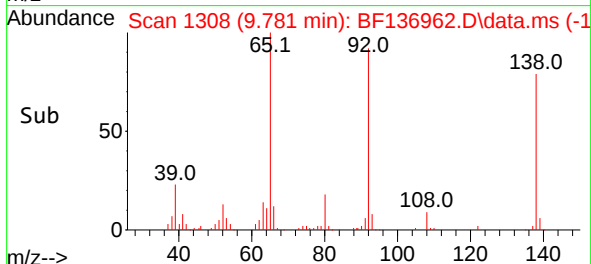
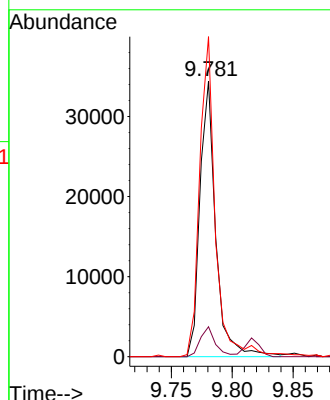
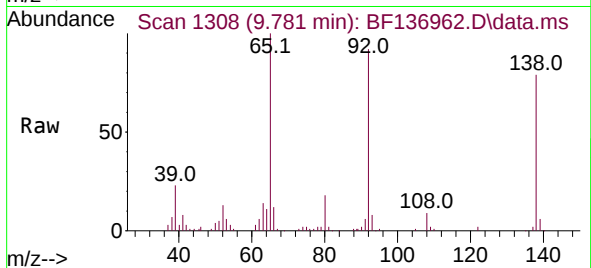
Tgt Ion:138	Resp:	31059
Ion Ratio	Lower	Upper
138	100	
108	10.9	8.6 12.8
92	116.2	95.2 142.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#54

2,4-Dinitrophenol

Concen: 5.901 ng

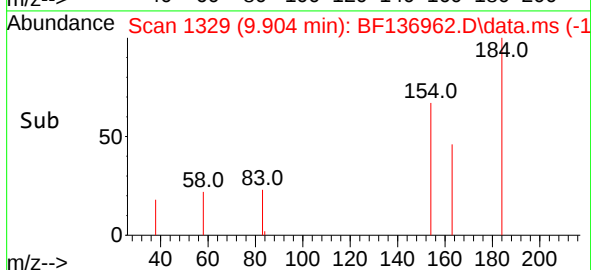
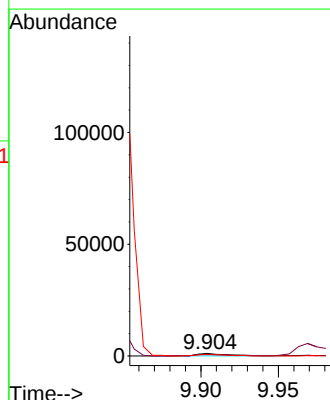
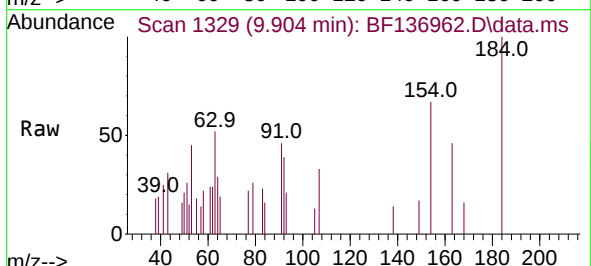
RT: 9.904 min Scan# 1329

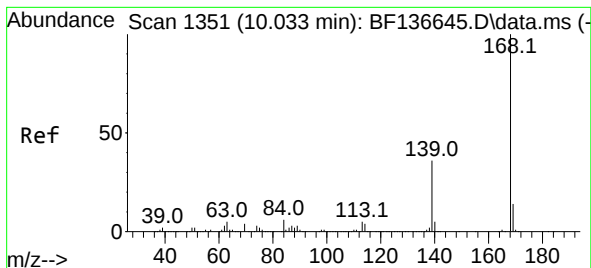
Delta R.T. 0.006 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

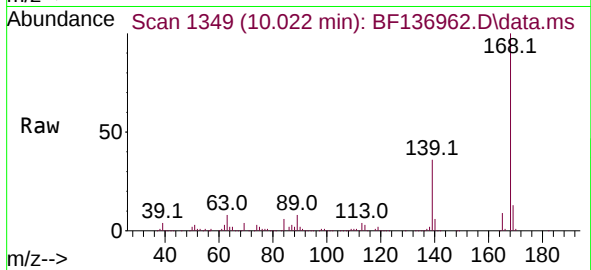
Tgt Ion:184	Resp:	1713
Ion Ratio	Lower	Upper
184	100	
63	52.5	40.9 61.3
154	67.4	42.7 64.1





#55
Dibenzenofuran
Concen: 22.148 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

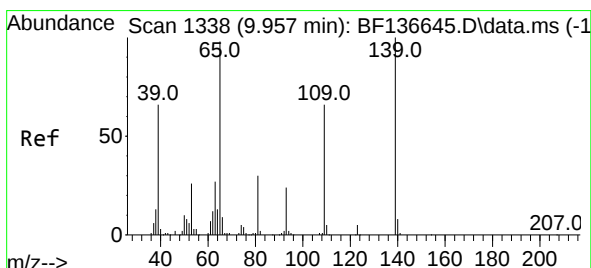
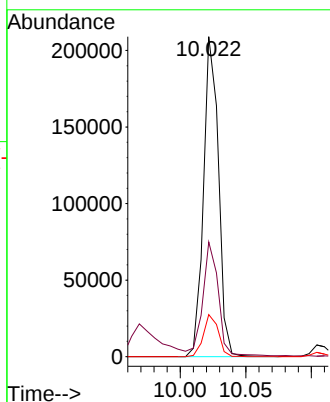
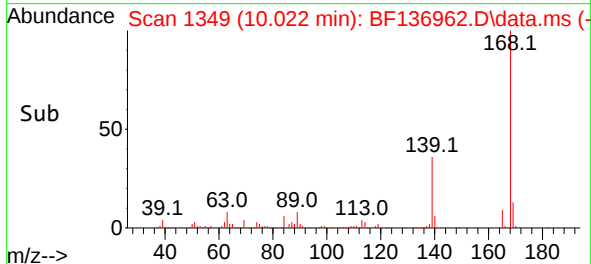
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



Tgt Ion:168 Resp: 16653
Ion Ratio Lower Upper
168 100
139 35.8 29.3 43.9
169 13.1 11.0 16.4

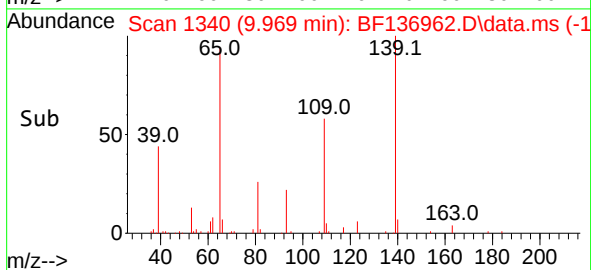
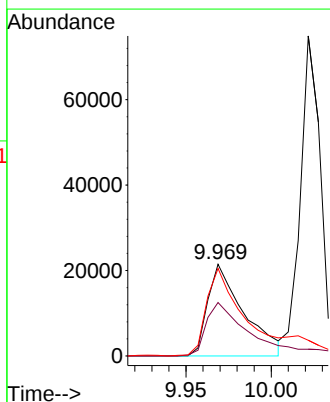
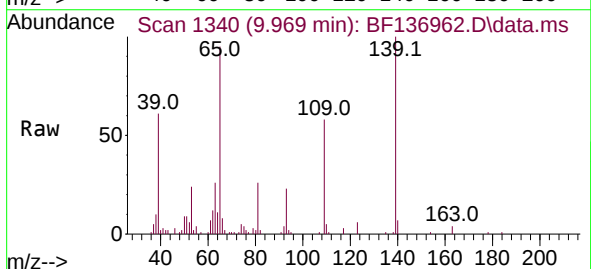
Manual Integrations
APPROVED

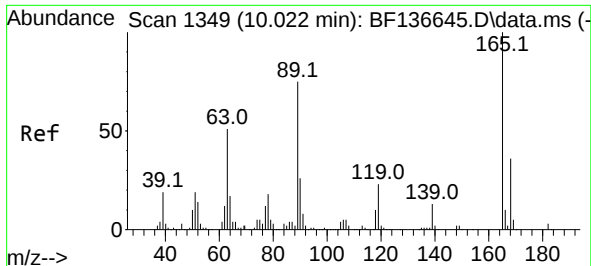
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#56
4-Nitrophenol
Concen: 32.368 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

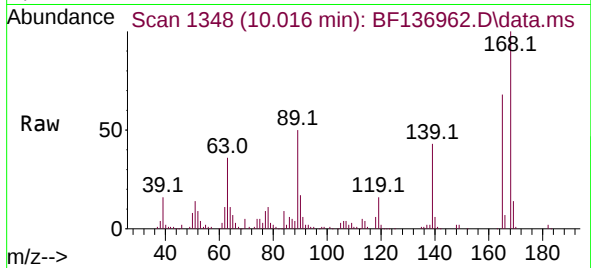
Tgt Ion:139 Resp: 31489
Ion Ratio Lower Upper
139 100
109 58.3 45.8 85.8
65 95.5 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 18.539 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

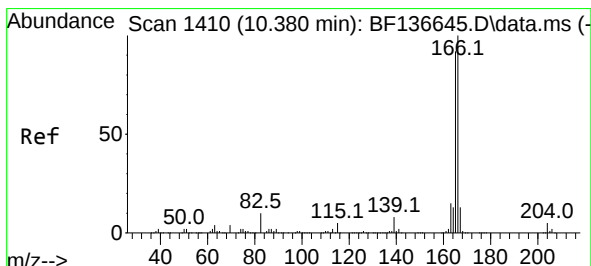
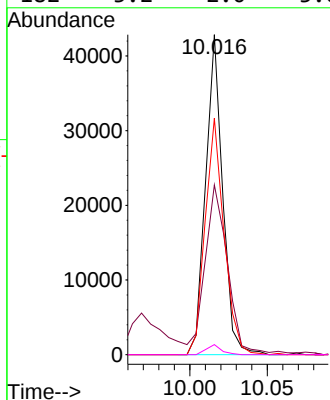
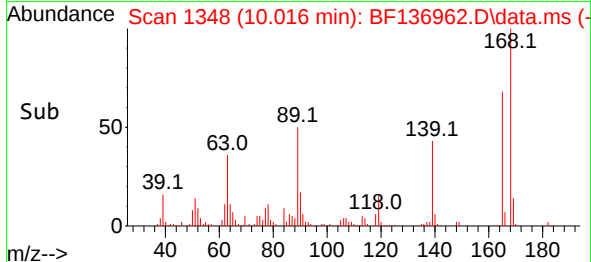
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



Tgt Ion:165 Resp: 3274
Ion Ratio Lower Upper
165 100
63 53.1 41.0 61.6
89 73.9 59.9 89.9
182 3.2 2.0 3.0#

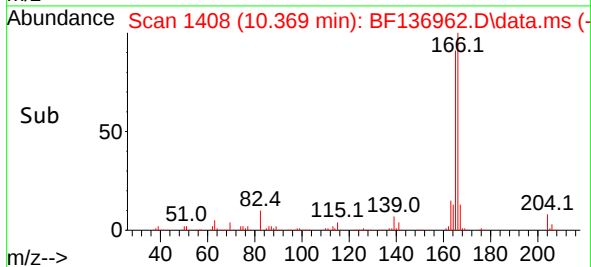
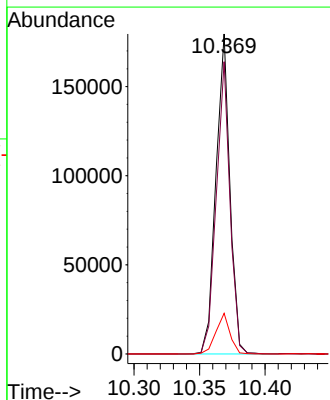
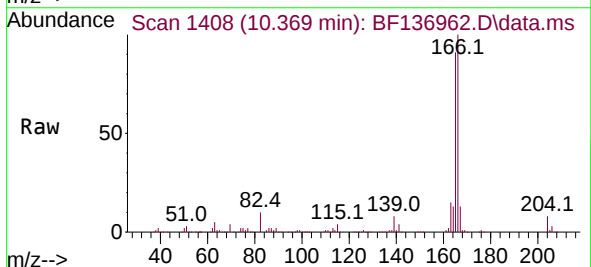
Manual Integrations
APPROVED

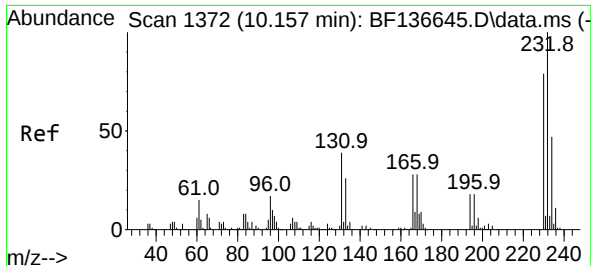
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#58
Fluorene
Concen: 22.201 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

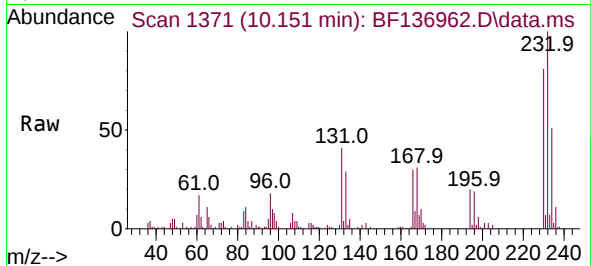
Tgt Ion:166 Resp: 132456
Ion Ratio Lower Upper
166 100
165 91.3 73.7 110.5
167 12.7 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 19.864 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

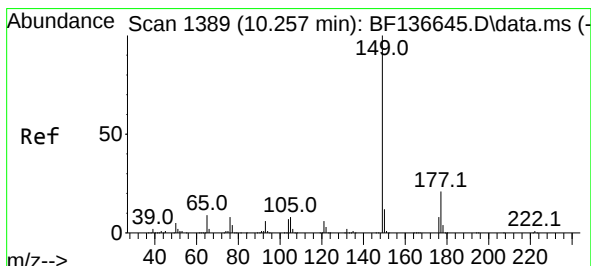
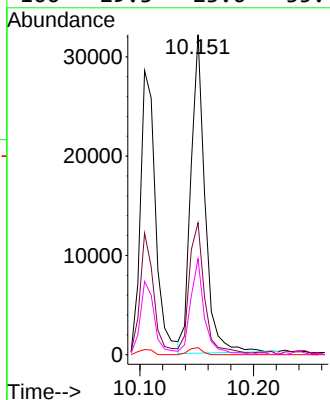
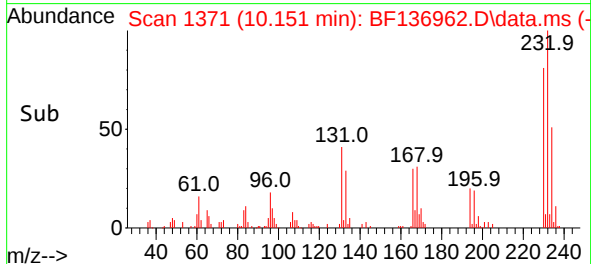
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



Tgt Ion:232 Resp: 2777
Ion Ratio Lower Upper
232 100
131 45.3 35.1 52.7
130 2.1 1.6 2.4
166 29.3 23.6 35.4

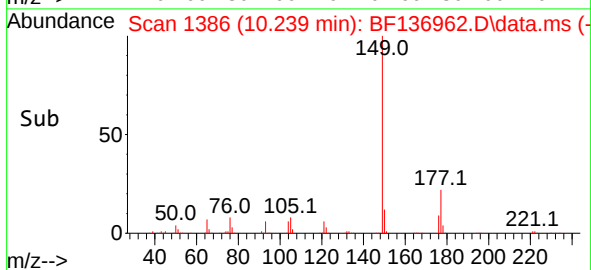
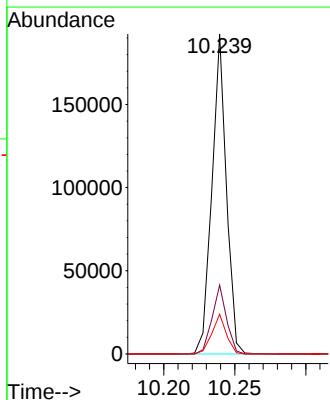
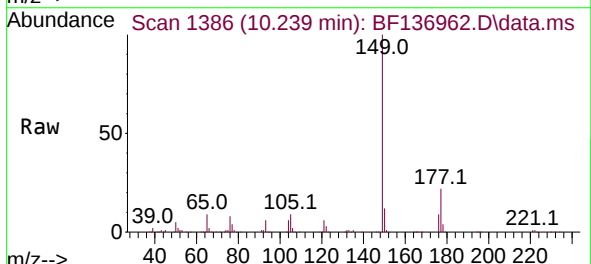
Manual Integrations
APPROVED

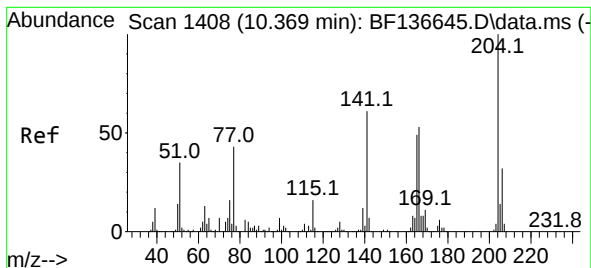
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#60
Diethylphthalate
Concen: 21.795 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.017 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

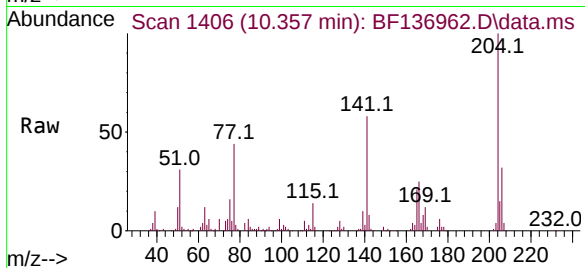
Tgt Ion:149 Resp: 135556
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.4 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 21.449 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

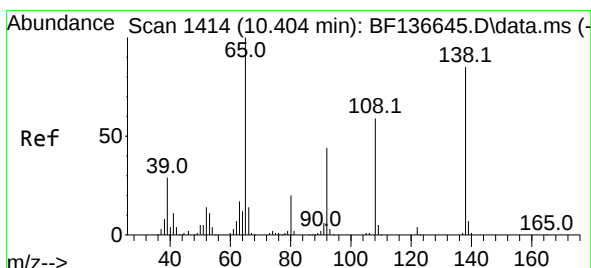
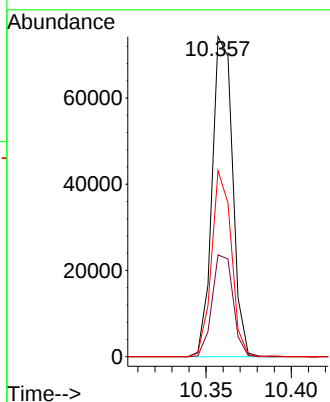
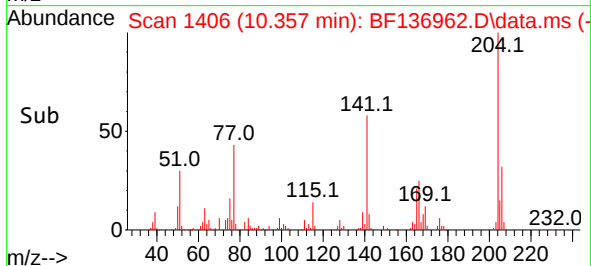
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



Tgt Ion:204 Resp: 62200
Ion Ratio Lower Upper
204 100
206 31.8 25.6 38.4
141 58.1 48.4 72.6

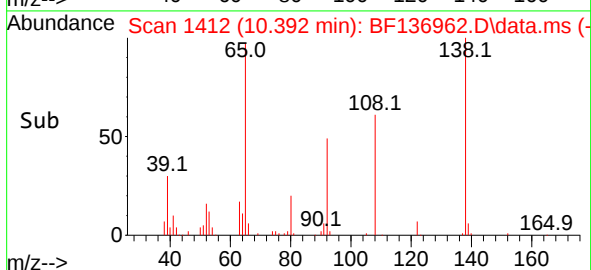
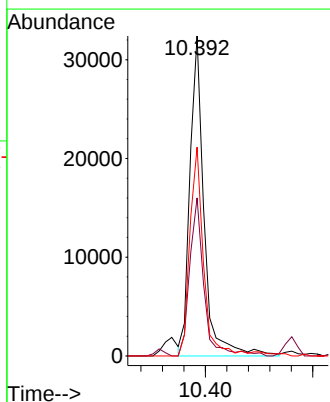
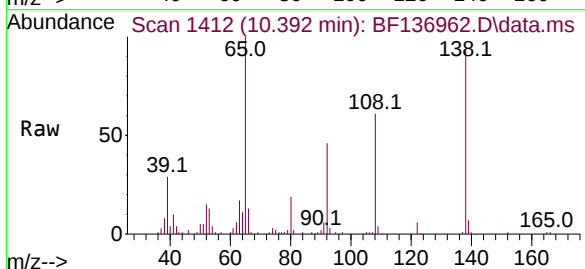
Manual Integrations
APPROVED

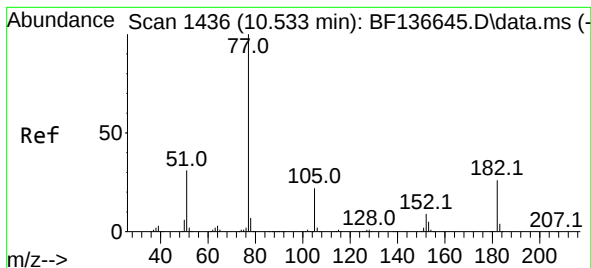
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#62
4-Nitroaniline
Concen: 21.383 ng m
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:138 Resp: 29706
Ion Ratio Lower Upper
138 100
92 49.4 32.1 72.1
108 65.2 50.1 90.1





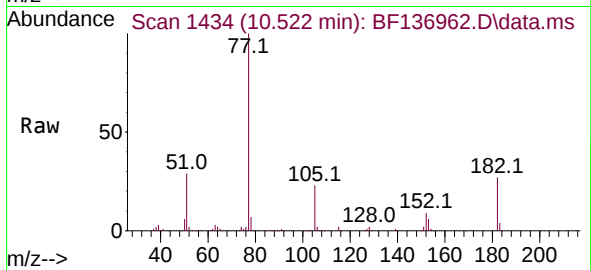
#63
Azobenzene
Concen: 20.077 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD



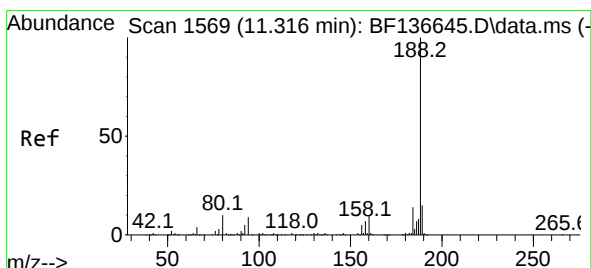
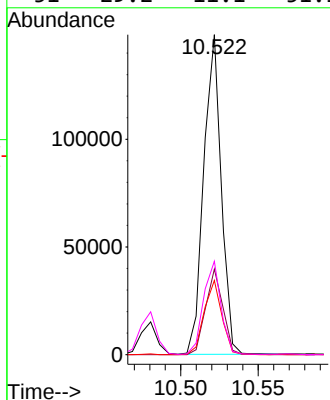
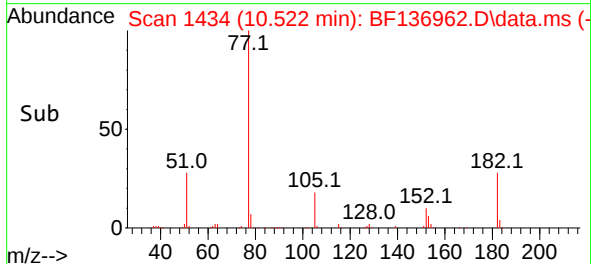
Tgt Ion: 77 Resp: 116629
Ion Ratio Lower Upper
77 100
182 26.8 6.0 46.0
105 23.2 2.3 42.3
51 29.2 11.1 51.1

Manual Integrations

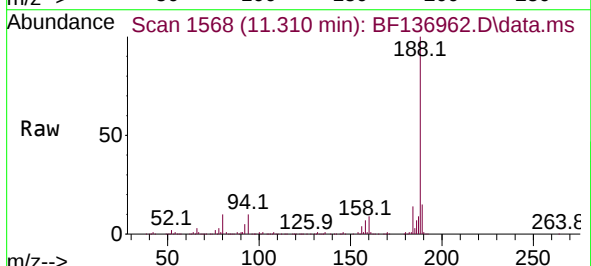
APPROVED

Reviewed By :Yogesh Patel 01/05/2024

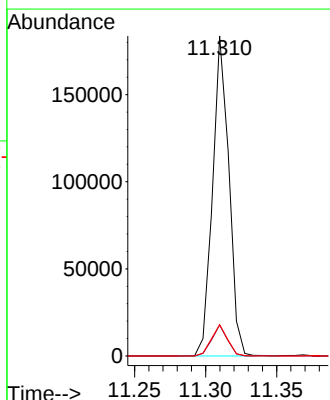
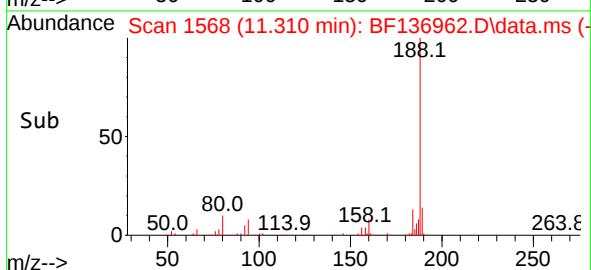
Supervised By :mohammad ahmed 01/05/2024

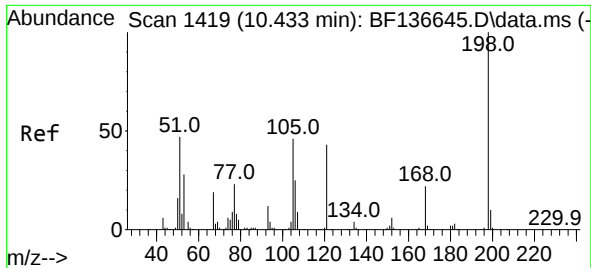


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31



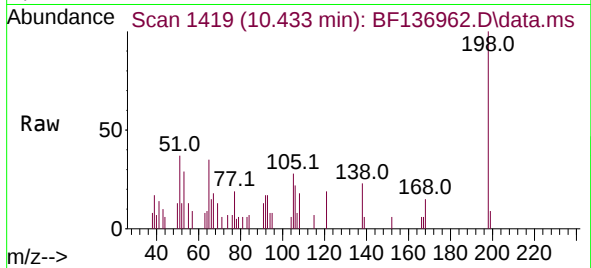
Tgt Ion:188 Resp: 146476
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 9.8 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 2.919 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

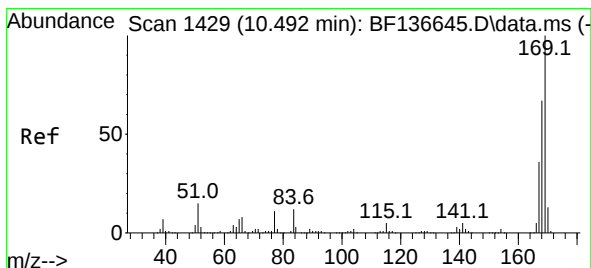
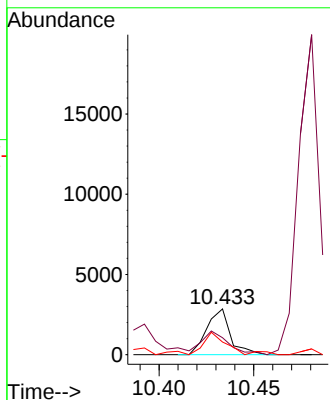
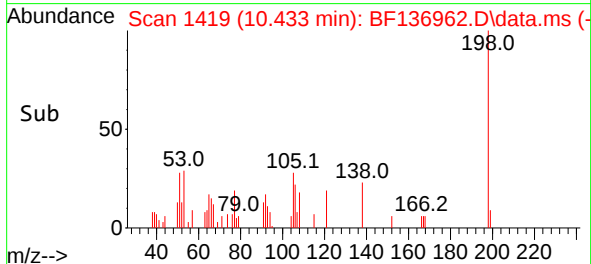
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



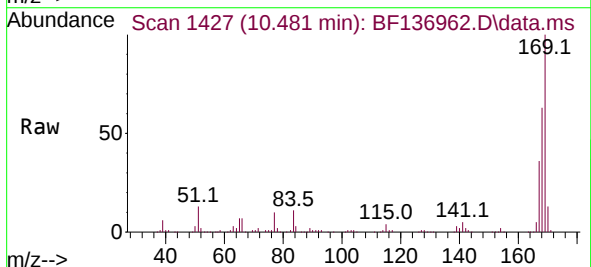
Tgt Ion:198 Resp: 2450
Ion Ratio Lower Upper
198 100
51 37.1 34.1 74.1
105 27.6 27.3 67.3

Manual Integrations
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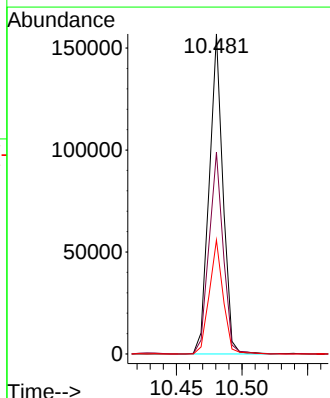
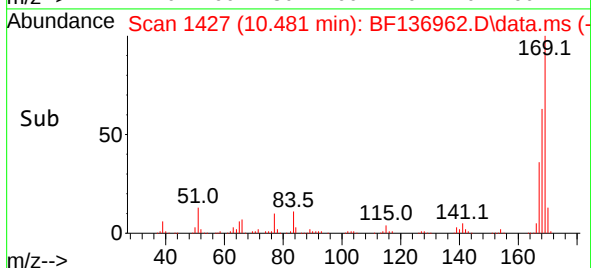
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

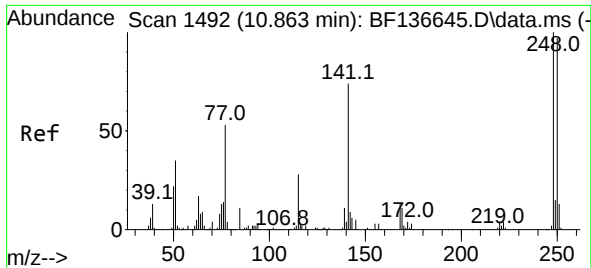


#66
n-Nitrosodiphenylamine
Concen: 24.057 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31



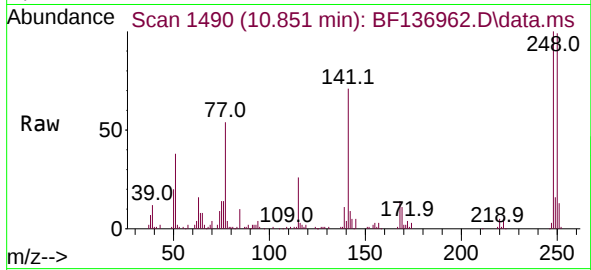
Tgt Ion:169 Resp: 114466
Ion Ratio Lower Upper
169 100
168 63.0 53.8 80.6
167 35.6 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 22.286 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

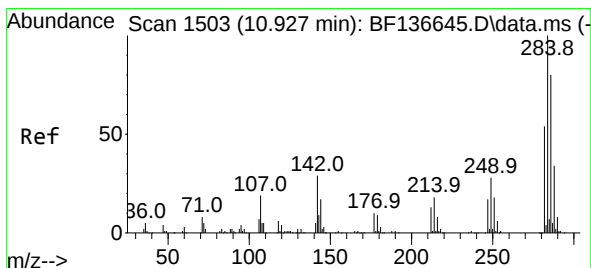
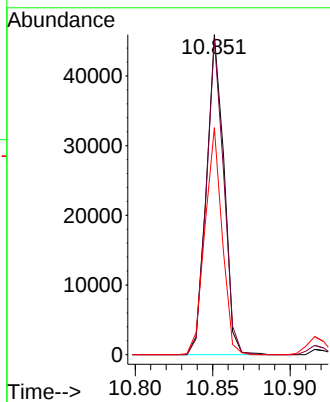
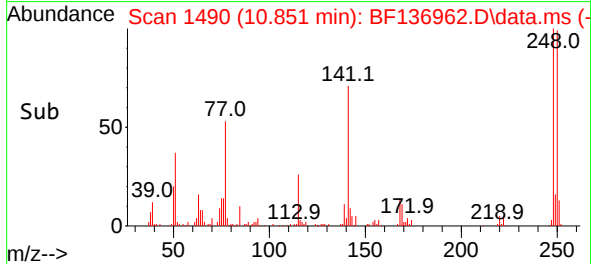
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



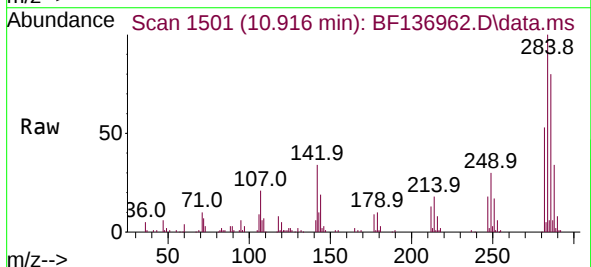
Tgt Ion:248 Resp: 3625
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.6
141 70.9 59.2 88.8

Manual Integrations
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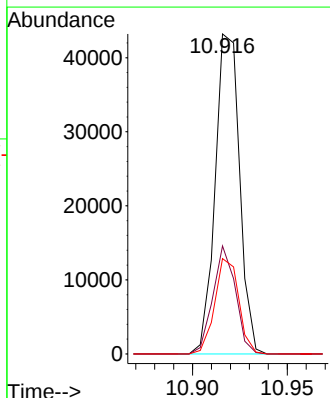
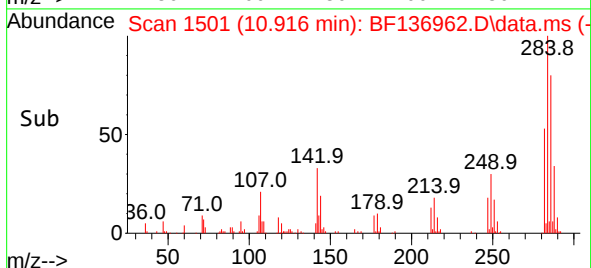
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024

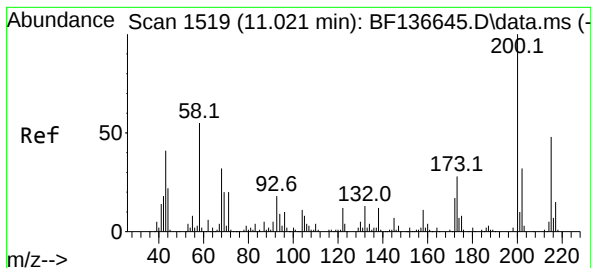


#68
Hexachlorobenzene
Concen: 21.412 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31



Tgt Ion:284 Resp: 38816
Ion Ratio Lower Upper
284 100
142 33.7 23.4 35.0
249 29.8 22.3 33.5





#69

Atrazine

Concen: 29.351 ng

RT: 11.010 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

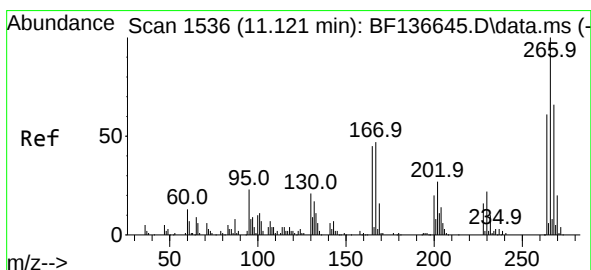
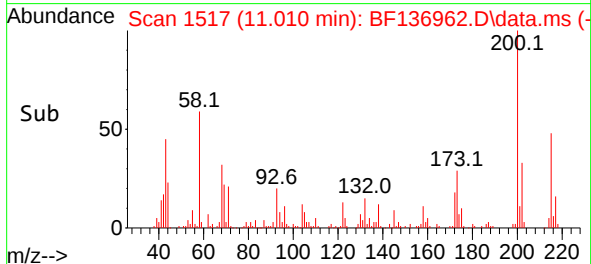
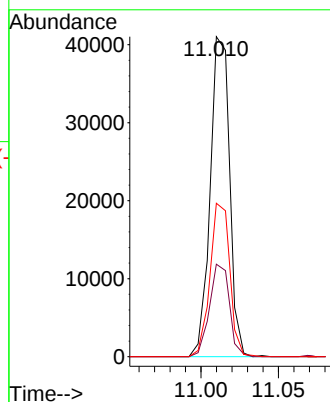
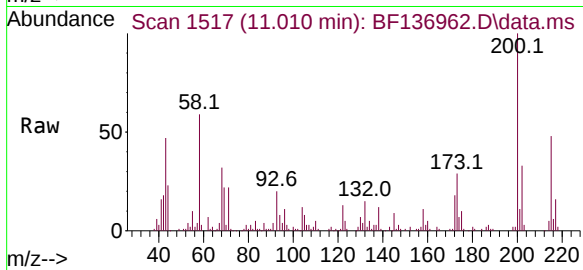
Tgt Ion:200 Resp: 35720
 Ion Ratio Lower Upper
 200 100
 173 28.9 7.6 47.6
 215 48.0 28.3 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#70

Pentachlorophenol

Concen: 34.204 ng

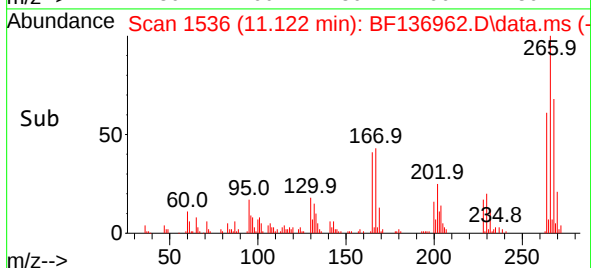
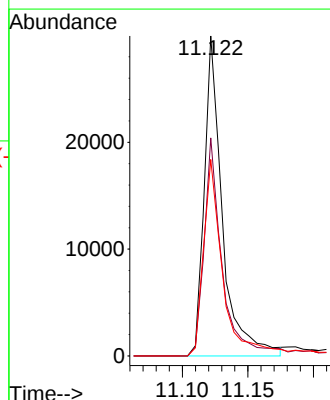
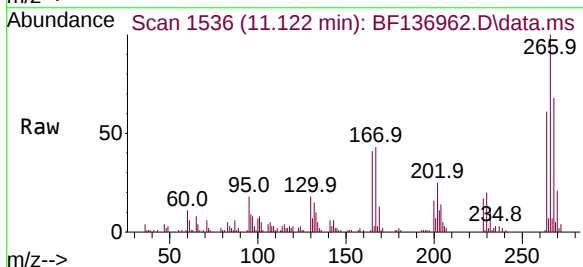
RT: 11.122 min Scan# 1536

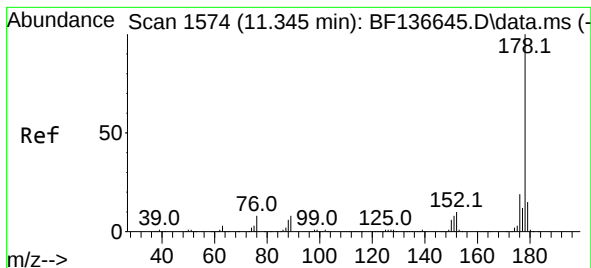
Delta R.T. 0.000 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Tgt Ion:266 Resp: 28902
 Ion Ratio Lower Upper
 266 100
 268 68.1 52.6 78.8
 264 61.4 49.0 73.4





#71

Phenanthrene

Concen: 24.746 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

Tgt Ion:178 Resp: 185989

Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

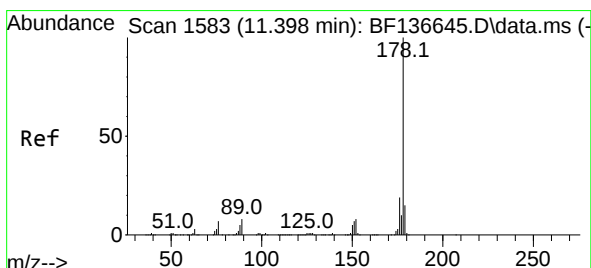
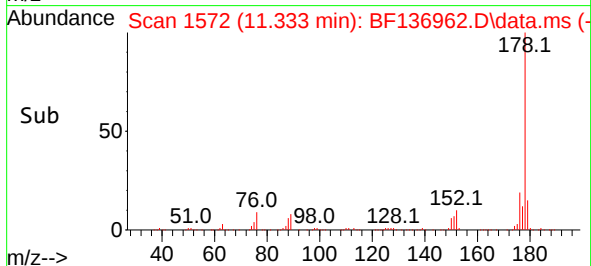
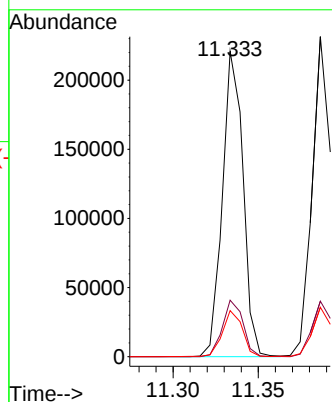
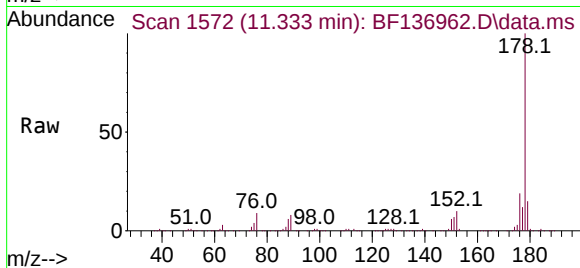
179 15.1 11.9 17.9

Manual Integrations

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Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#72

Anthracene

Concen: 23.915 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

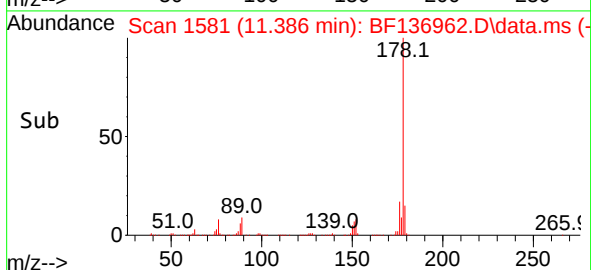
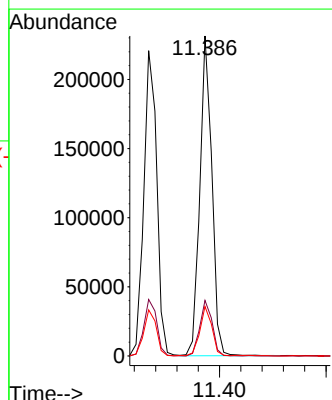
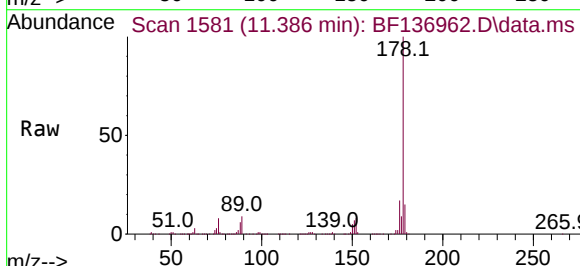
Tgt Ion:178 Resp: 182025

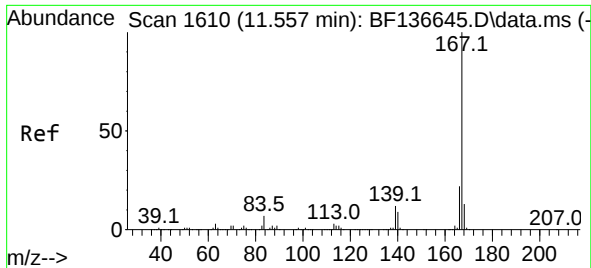
Ion Ratio Lower Upper

178 100

176 17.4 14.9 22.3

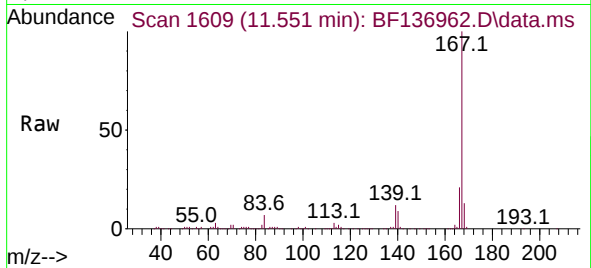
179 15.4 11.8 17.6





#73
 Carbazole
 Concen: 23.263 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136962.D
 Acq: 05 Jan 2024 02:31

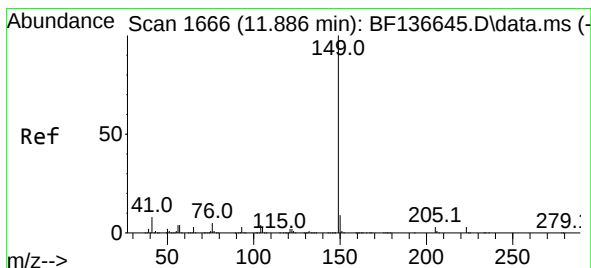
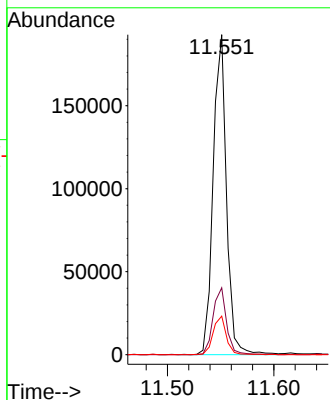
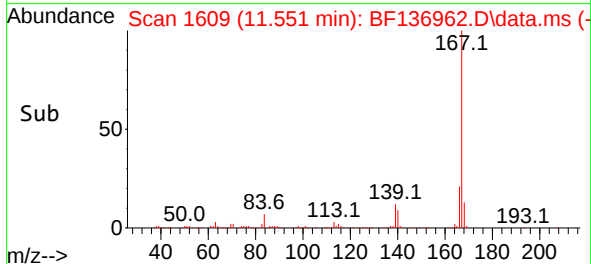
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-01022024MSD



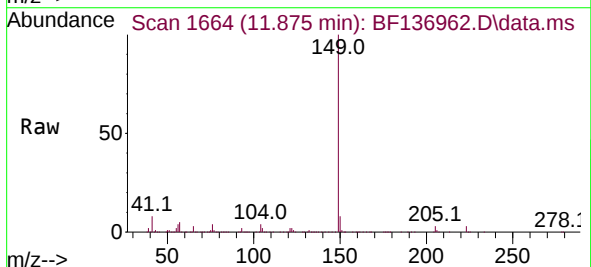
Tgt Ion:167 Resp: 166944
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.3 25.9
 139 12.1 9.8 14.6

Manual Integrations
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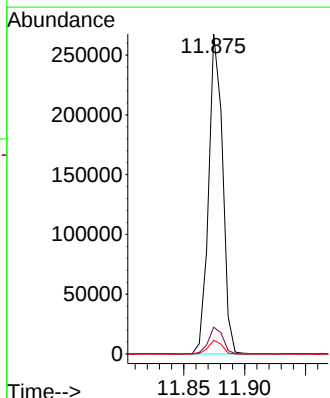
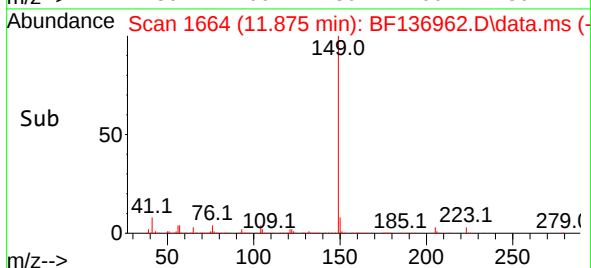
Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

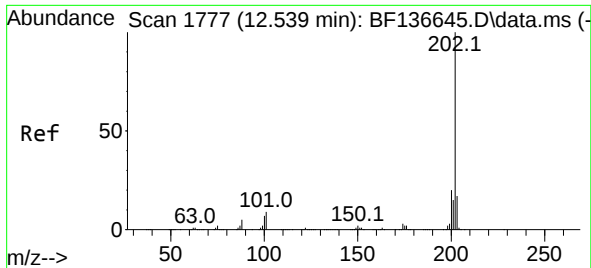


#74
 Di-n-butylphthalate
 Concen: 24.225 ng
 RT: 11.875 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF136962.D
 Acq: 05 Jan 2024 02:31



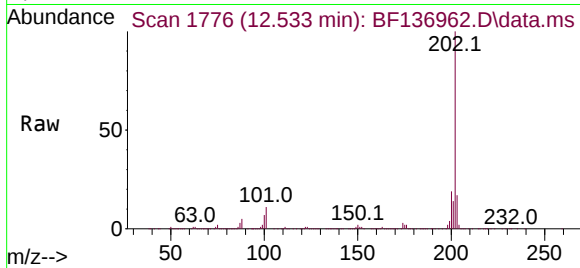
Tgt Ion:149 Resp: 212134
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.4 11.2
 104 4.2 3.6 5.4





#75
Fluoranthene
Concen: 28.716 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

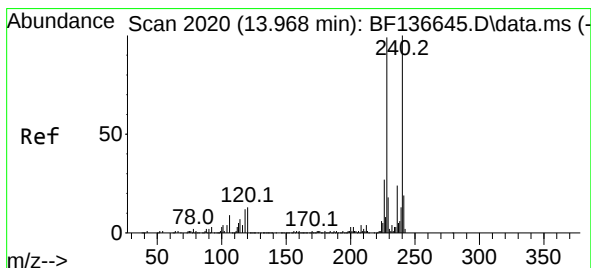
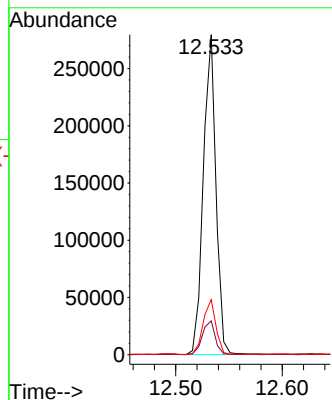
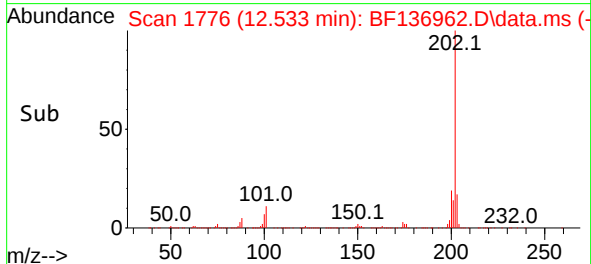
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



Tgt Ion:202 Resp: 230854
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.3
203 17.2 0.0 37.1

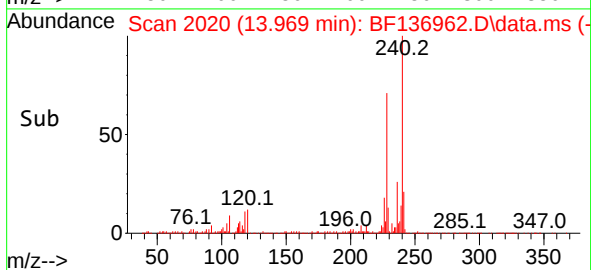
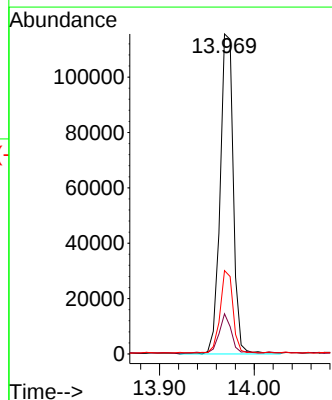
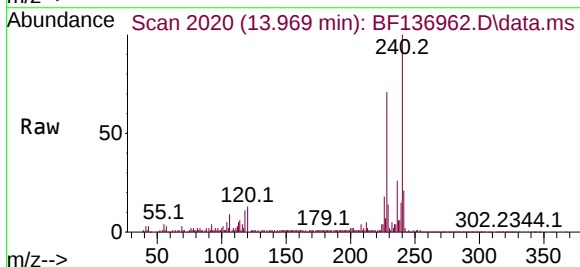
Manual Integrations
APPROVED

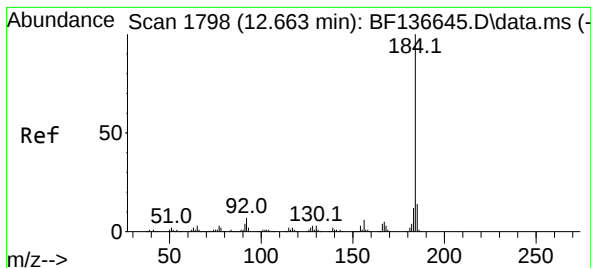
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:240 Resp: 112186
Ion Ratio Lower Upper
240 100
120 12.5 10.3 15.5
236 26.1 19.4 29.2





#77

Benzidine

Concen: 21.389 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

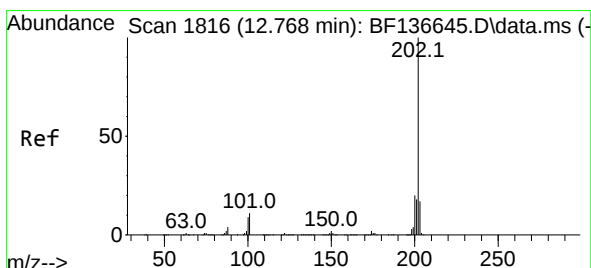
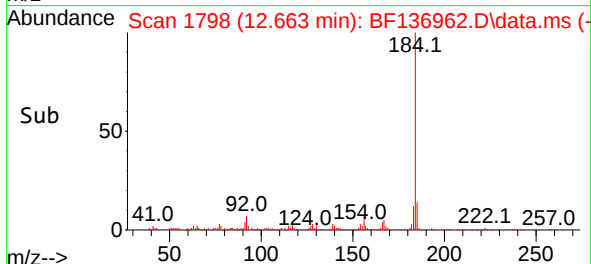
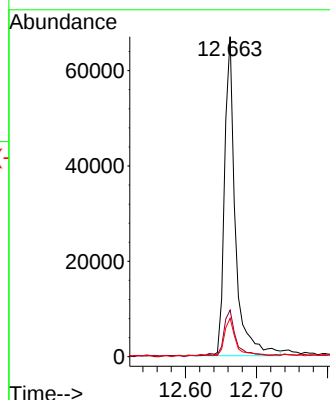
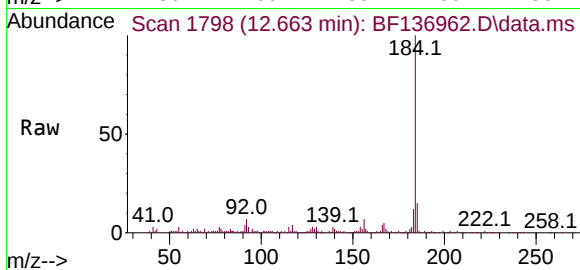
Tgt Ion:184	Resp:	7075
Ion Ratio	Lower	Upper
184	100	
185	14.5	11.2 16.8
183	12.0	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#78

Pyrene

Concen: 20.928 ng

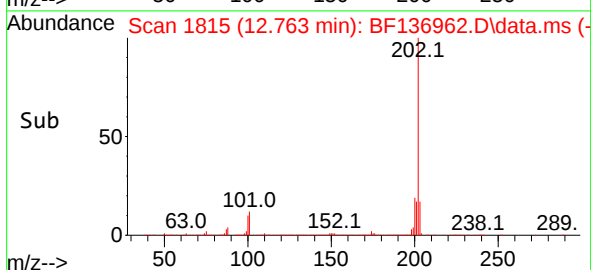
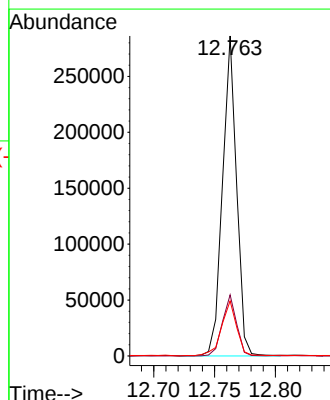
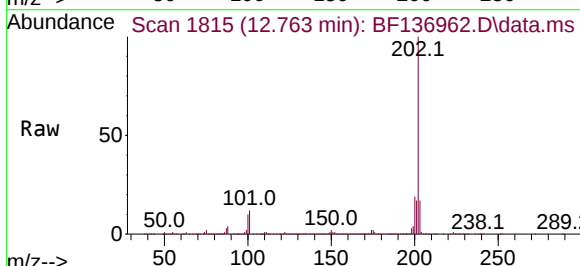
RT: 12.763 min Scan# 1815

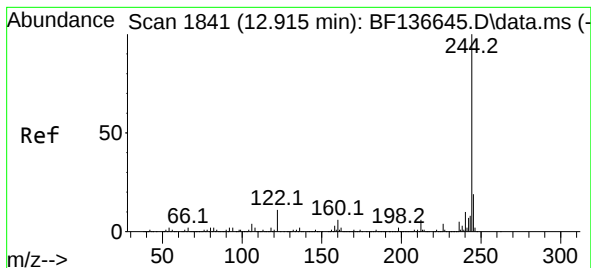
Delta R.T. -0.006 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Tgt Ion:202	Resp:	230475
Ion Ratio	Lower	Upper
202	100	
200	19.1	15.9 23.9
203	17.2	13.8 20.6





#79

Terphenyl-d14

Concen: 31.327 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136962.D

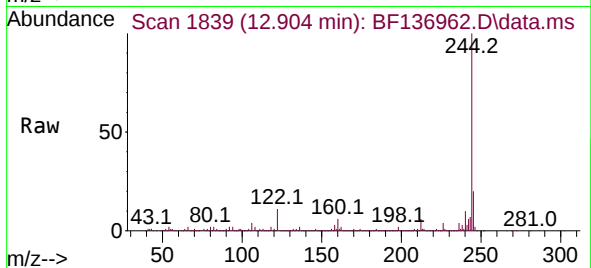
Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD



Tgt Ion:244 Resp: 251480

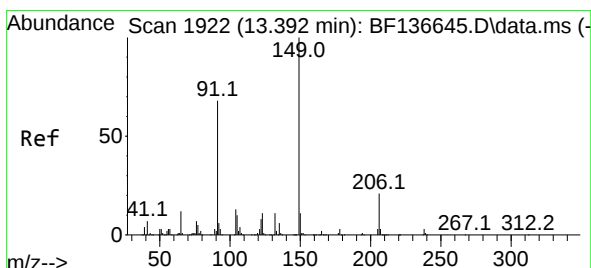
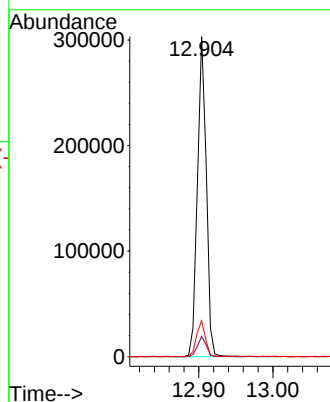
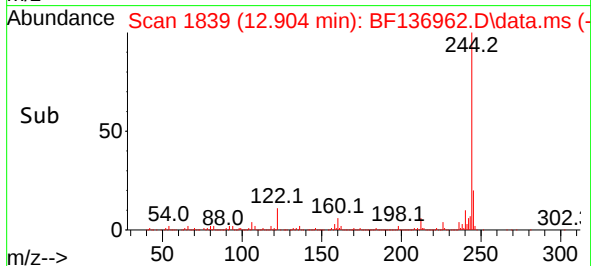
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.4
122	11.2	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#80

Butylbenzylphthalate

Concen: 21.408 ng

RT: 13.386 min Scan# 1921

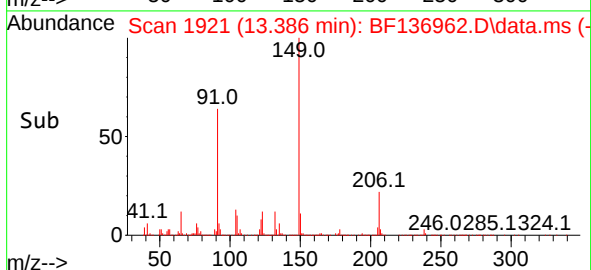
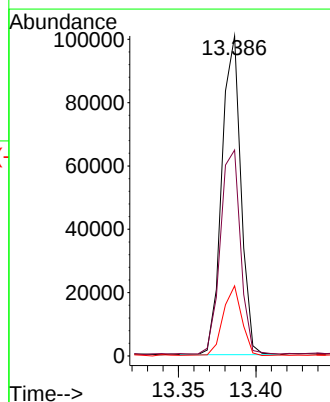
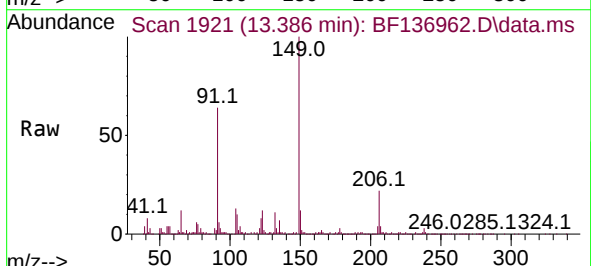
Delta R.T. -0.006 min

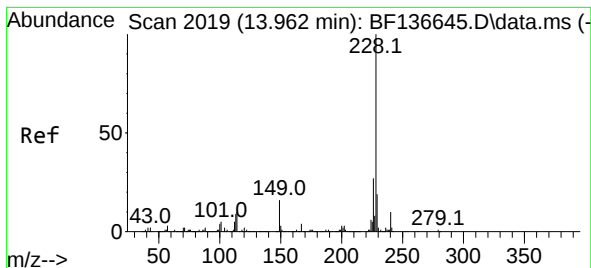
Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Tgt Ion:149 Resp: 85789

Ion	Ratio	Lower	Upper
149	100		
91	64.4	54.1	81.1
206	21.9	17.1	25.7





#81

Benzo(a)anthracene

Concen: 25.543 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

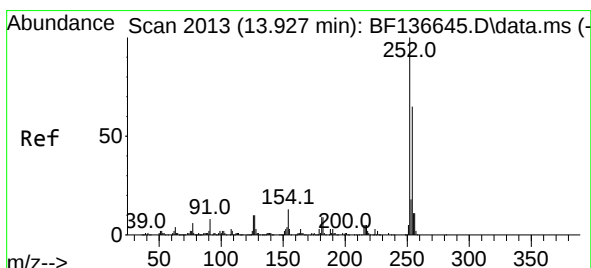
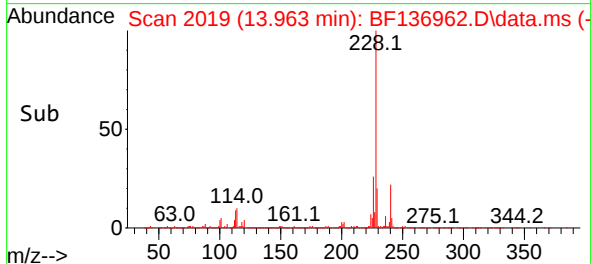
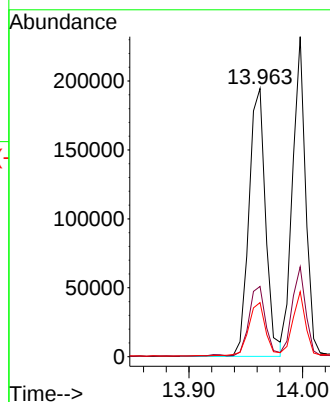
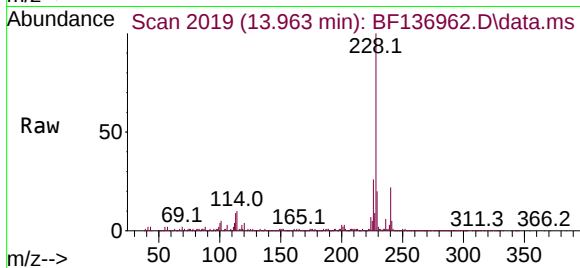
Tgt Ion:228 Resp: 198982
 Ion Ratio Lower Upper
 228 100
 226 26.2 21.4 32.0
 229 20.1 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#82

3,3'-Dichlorobenzidine

Concen: 26.026 ng

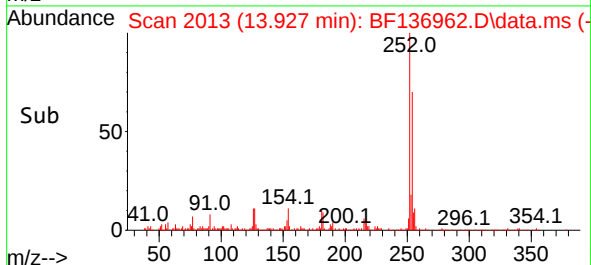
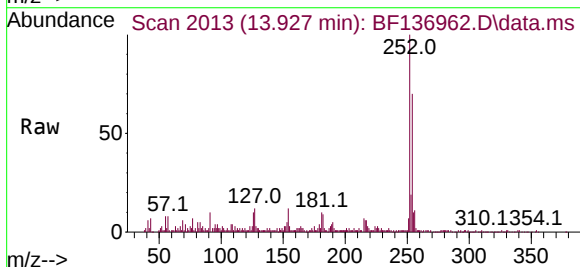
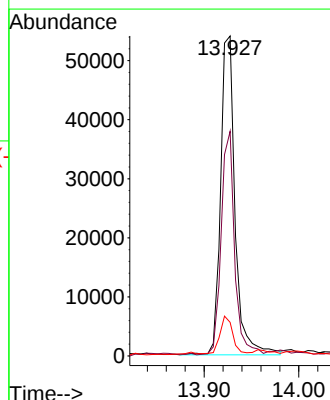
RT: 13.927 min Scan# 2013

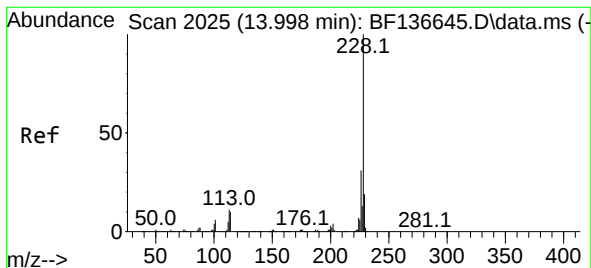
Delta R.T. 0.000 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Tgt Ion:252 Resp: 57577
 Ion Ratio Lower Upper
 252 100
 254 70.2 52.2 78.4
 126 10.5 8.0 12.0





#83

Chrysene

Concen: 24.366 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

Tgt Ion:228 Resp: 18561

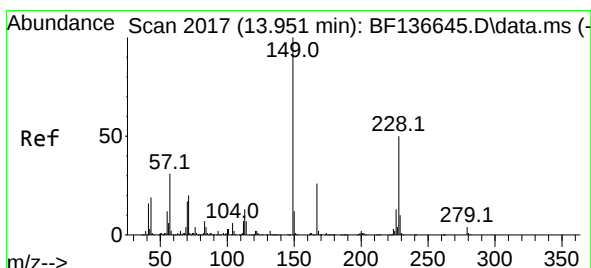
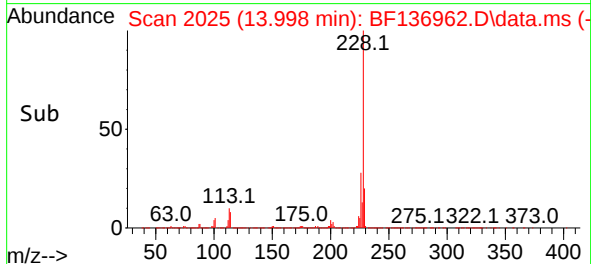
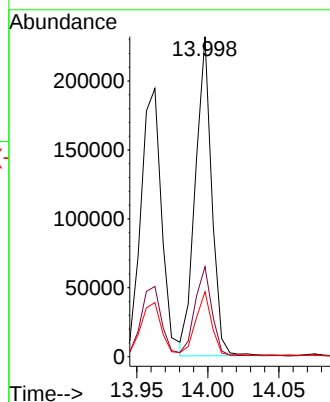
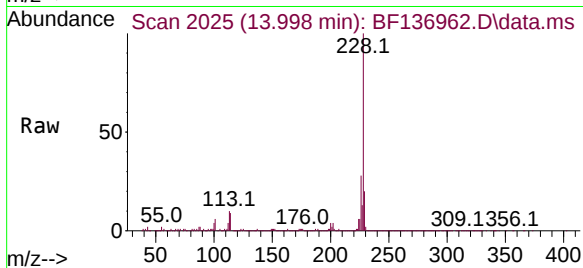
Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.7	37.1
229	20.3	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.791 ng

RT: 13.945 min Scan# 2016

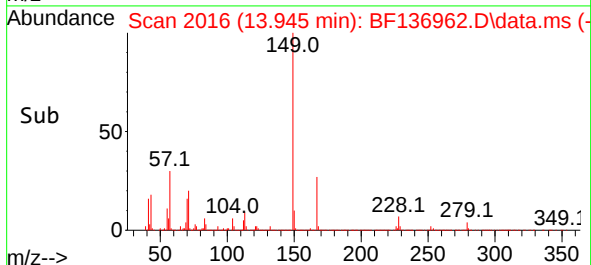
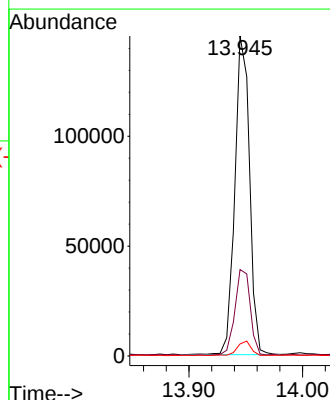
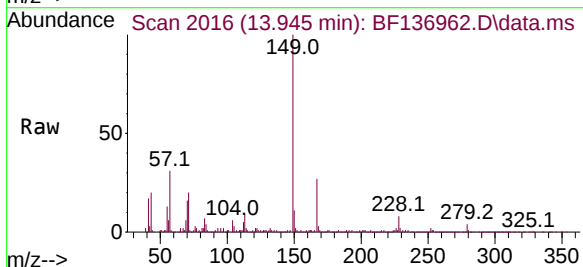
Delta R.T. -0.006 min

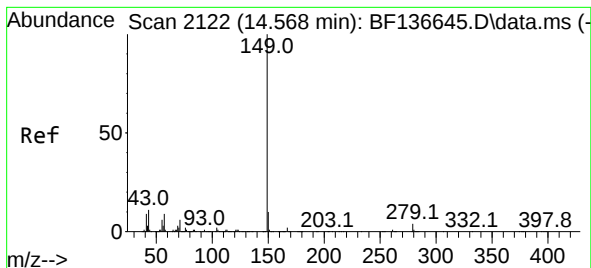
Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Tgt Ion:149 Resp: 130036

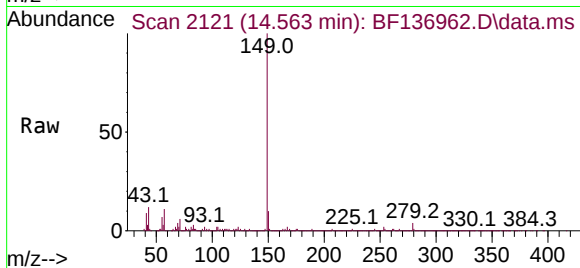
Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.9	31.3
279	3.8	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 27.863 ng
RT: 14.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

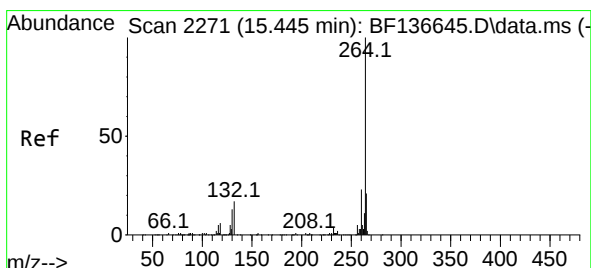
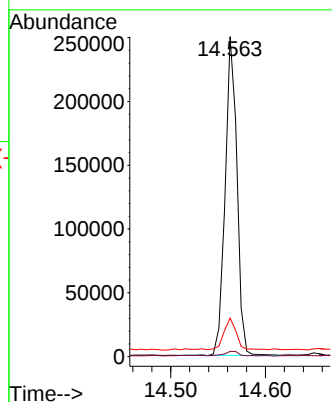
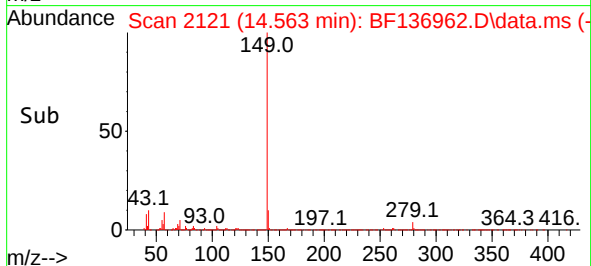
Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD



Tgt Ion:149 Resp: 217304
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.1 8.9 13.3

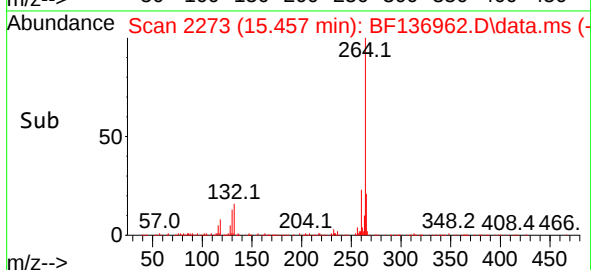
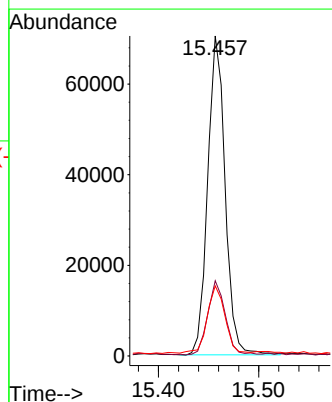
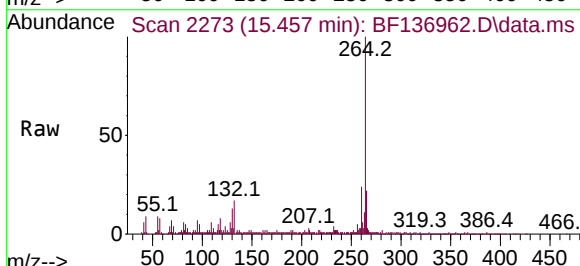
Manual Integrations
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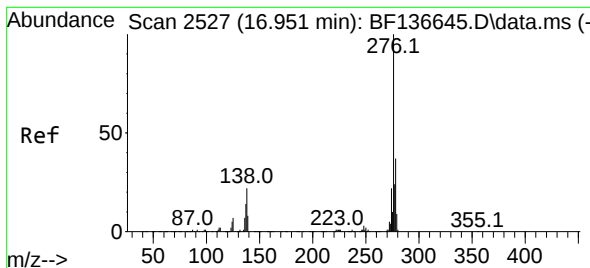
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:264 Resp: 85036
Ion Ratio Lower Upper
264 100
260 23.5 18.3 27.5
265 21.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.284 ng

RT: 16.980 min Scan# 2198

Delta R.T. 0.030 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

Tgt Ion:276 Resp: 11840

Ion Ratio Lower Upper

276 100

138 25.2 18.7 28.1

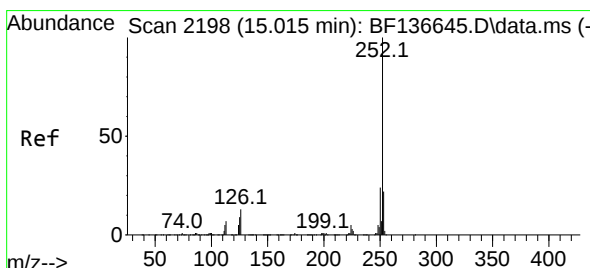
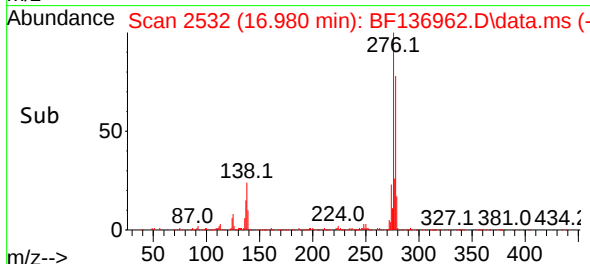
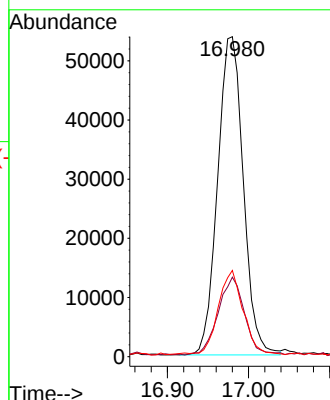
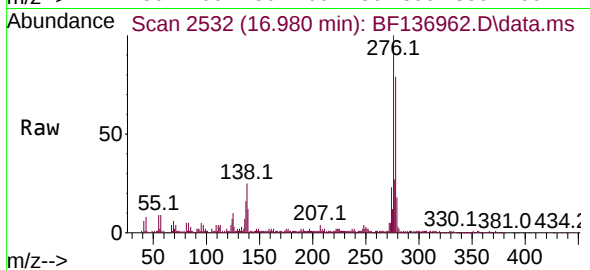
277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#88

Benzo(b)fluoranthene

Concen: 26.538 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

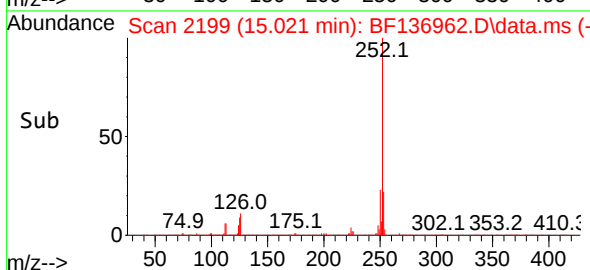
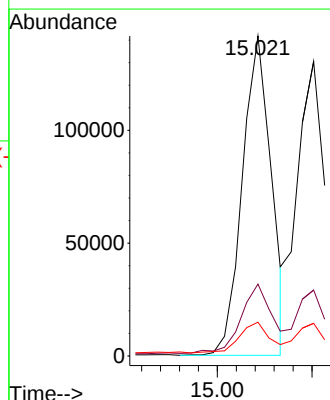
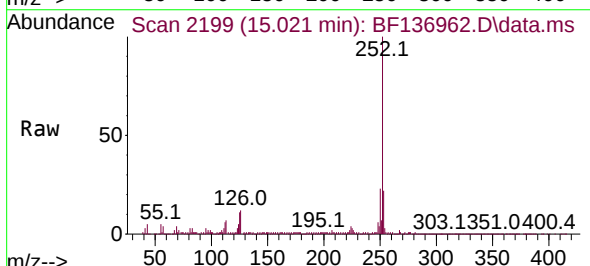
Tgt Ion:252 Resp: 150726

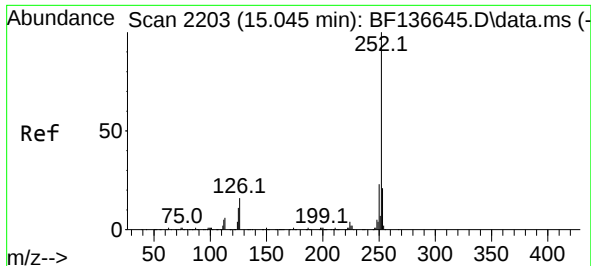
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 10.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 25.373 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Instrument :

BNA_F

ClientSampleId :

SU-04-01022024MSD

Tgt Ion:252 Resp: 136169

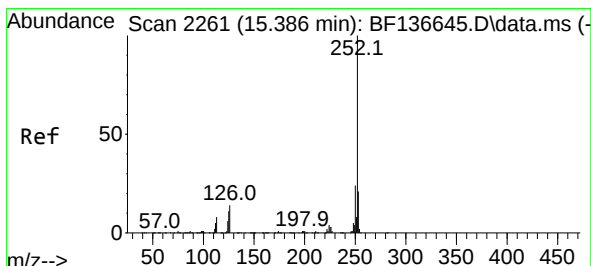
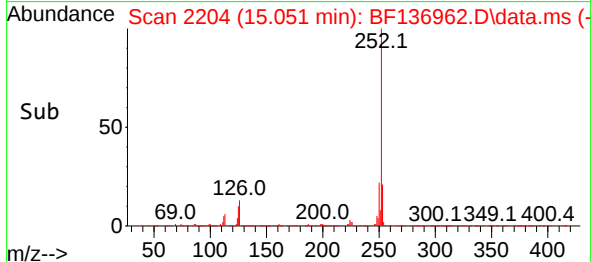
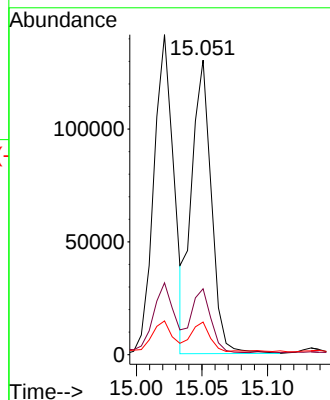
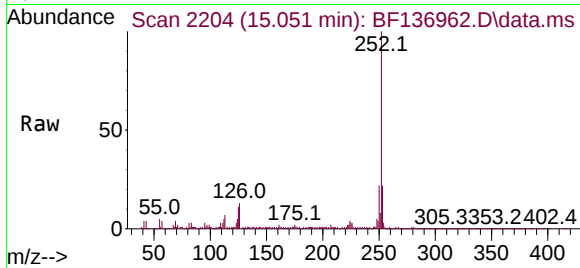
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	11.1	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/05/2024

Supervised By :mohammad ahmed 01/05/2024



#90

Benzo(a)pyrene

Concen: 24.030 ng

RT: 15.398 min Scan# 2263

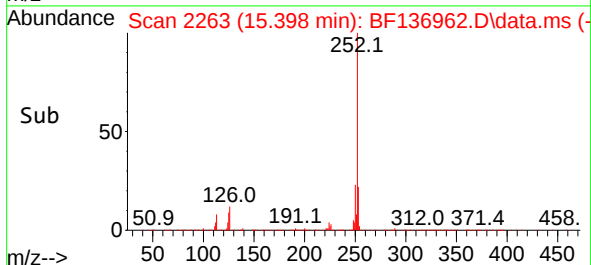
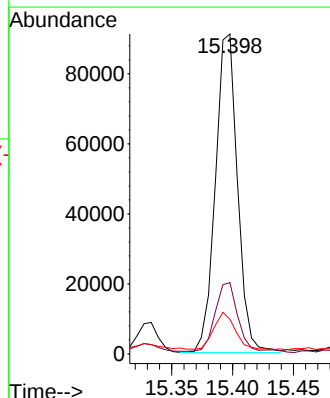
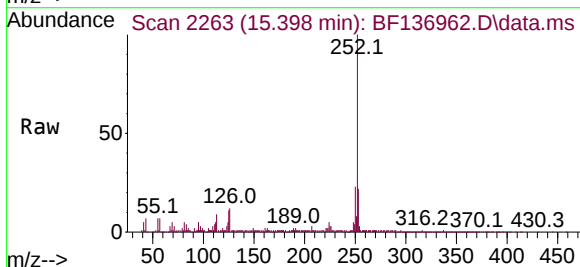
Delta R.T. 0.012 min

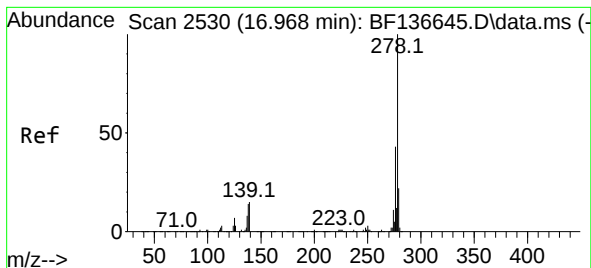
Lab File: BF136962.D

Acq: 05 Jan 2024 02:31

Tgt Ion:252 Resp: 115206

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.8	8.8	13.2





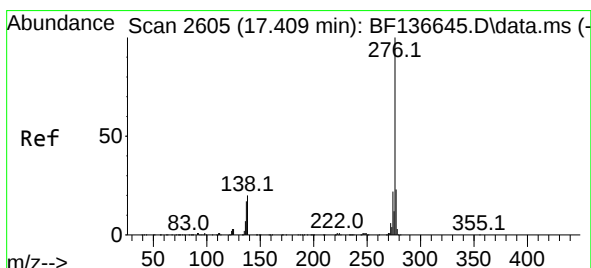
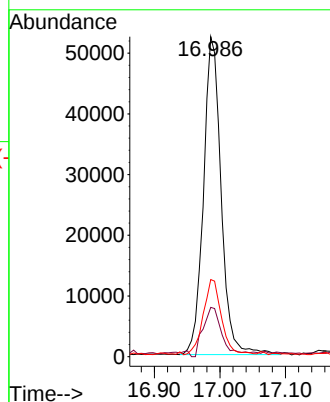
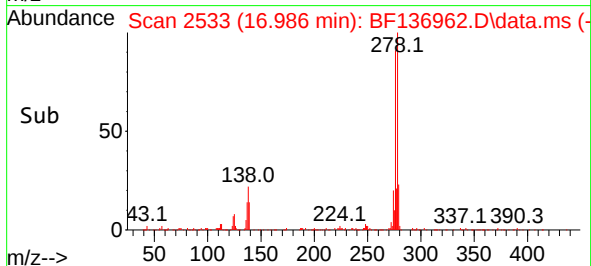
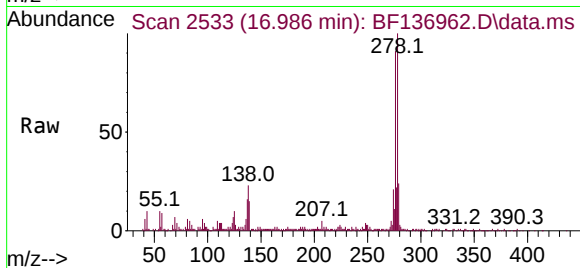
#91
Dibenzo(a,h)anthracene
Concen: 19.558 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Instrument :
BNA_F
ClientSampleId :
SU-04-01022024MSD

Tgt Ion:278 Resp: 98514
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 24.1 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#92
Benzo(g,h,i)perylene
Concen: 18.336 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.024 min
Lab File: BF136962.D
Acq: 05 Jan 2024 02:31

Tgt Ion:276 Resp: 94597
Ion Ratio Lower Upper
276 100
277 23.0 18.3 27.5
138 19.8 15.6 23.4

