

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
 Data File : BF136635.D
 Acq On : 19 Dec 2023 17:40
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 20 04:13:20 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 20 04:11:31 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	75170	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	302350	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	156681	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	296672	20.000	ng	0.00
76) Chrysene-d12	13.974	240	158977	20.000	ng	0.00
86) Perylene-d12	15.451	264	147152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	458153	94.628	ng	0.00
7) Phenol-d6	6.445	99	582835	94.056	ng	0.00
23) Nitrobenzene-d5	7.363	82	555088	95.337	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	172273	94.289	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1065118	92.878	ng	0.00
79) Terphenyl-d14	12.916	244	1047283	92.765	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	94780	47.694	ng	97
3) Pyridine	3.316	79	239131	49.035	ng	96
4) n-Nitrosodimethylamine	3.287	42	127609	48.443	ng	93
6) Aniline	6.463	93	289603	46.973	ng	# 64
8) 2-Chlorophenol	6.587	128	248460	46.938	ng	98
9) Benzaldehyde	6.351	77	147018	39.510	ng	96
10) Phenol	6.457	94	313708	47.489	ng	100
11) bis(2-Chloroethyl)ether	6.540	93	241784	47.445	ng	99
12) 1,3-Dichlorobenzene	6.740	146	270598	47.112	ng	98
13) 1,4-Dichlorobenzene	6.816	146	274650	47.098	ng	99
14) 1,2-Dichlorobenzene	6.969	146	257852	47.374	ng	99
15) Benzyl Alcohol	6.945	79	205203	47.557	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	392999	47.140	ng	99
17) 2-Methylphenol	7.057	107	205124	47.621	ng	98
18) Hexachloroethane	7.304	117	100317	47.370	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	178883	46.560	ng	97
20) 3+4-Methylphenols	7.210	107	252007	46.461	ng	98
22) Acetophenone	7.210	105	352180	46.558	ng	# 97
24) Nitrobenzene	7.381	77	278393	47.100	ng	98
25) Isophorone	7.616	82	502521	46.268	ng	99
26) 2-Nitrophenol	7.692	139	135129	48.249	ng	98
27) 2,4-Dimethylphenol	7.734	122	163367	46.443	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	307570	46.790	ng	100
29) 2,4-Dichlorophenol	7.939	162	207217	47.521	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	226255	46.111	ng	99
31) Naphthalene	8.098	128	764490	46.276	ng	100
32) Benzoic acid	7.875	122	172760m	52.357	ng	
33) 4-Chloroaniline	8.151	127	287562	46.771	ng	99
34) Hexachlorobutadiene	8.210	225	139214	46.408	ng	99
35) Caprolactam	8.534	113	68595	47.049	ng	93
36) 4-Chloro-3-methylphenol	8.639	107	233676	47.077	ng	94
37) 2-Methylnaphthalene	8.786	142	488000	45.968	ng	100
38) 1-Methylnaphthalene	8.886	142	477671	45.660	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	226415	47.620	ng	100
41) Hexachlorocyclopentadiene	8.934	237	74148	48.499	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	149042	47.799	ng	99

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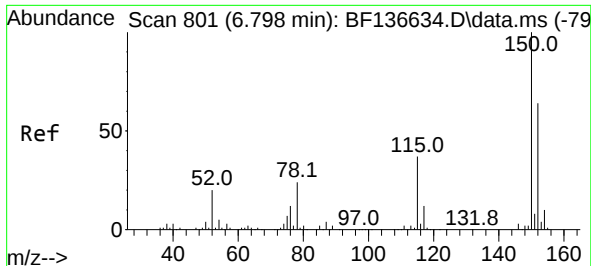
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

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 QLast Update : Wed Dec 20 04:11:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	163658	47.611	ng	98
46) 1,1'-Biphenyl	9.251	154	609607	46.541	ng	98
47) 2-Chloronaphthalene	9.281	162	468439	47.359	ng	99
48) 2-Nitroaniline	9.375	65	150870	48.239	ng	98
49) Acenaphthylene	9.692	152	712656	46.916	ng	99
50) Dimethylphthalate	9.557	163	529371	47.115	ng	100
51) 2,6-Dinitrotoluene	9.622	165	121745	47.552	ng	99
52) Acenaphthene	9.863	154	442974	47.162	ng	98
53) 3-Nitroaniline	9.792	138	129813	47.192	ng	96
54) 2,4-Dinitrophenol	9.898	184	66961	51.278	ng	97
55) Dibenzofuran	10.039	168	658628	46.510	ng	98
56) 4-Nitrophenol	9.963	139	92393	49.248	ng	92
57) 2,4-Dinitrotoluene	10.028	165	157694	47.836	ng	95
58) Fluorene	10.380	166	520827	46.333	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	128195	47.906	ng	98
60) Diethylphthalate	10.257	149	550591	47.126	ng	100
61) 4-Chlorophenyl-phenyle...	10.375	204	247197	45.661	ng	99
62) 4-Nitroaniline	10.410	138	129559	47.605	ng	99
63) Azobenzene	10.533	77	519498	47.595	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	90046	51.407	ng	94
66) n-Nitrosodiphenylamine	10.498	169	453285	46.493	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	156341	47.151	ng	98
68) Hexachlorobenzene	10.927	284	173380	46.863	ng	99
69) Atrazine	11.022	200	84395	36.431	ng	99
70) Pentachlorophenol	11.127	266	88995	49.489	ng	97
71) Phenanthrene	11.345	178	709806	46.321	ng	99
72) Anthracene	11.398	178	715092	46.158	ng	100
73) Carbazole	11.557	167	657634	45.313	ng	100
74) Di-n-butylphthalate	11.886	149	837764	47.245	ng	100
75) Fluoranthene	12.539	202	734139	44.957	ng	99
77) Benzidine	12.663	184	155384	35.351	ng	97
78) Pyrene	12.769	202	735274	46.884	ng	99
80) Butylbenzylphthalate	13.392	149	273216	49.072	ng	100
81) Benzo(a)anthracene	13.963	228	503413	45.672	ng	96
82) 3,3'-Dichlorobenzidine	13.927	252	137400	46.028	ng	99
83) Chrysene	13.998	228	502506	47.187	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	351511	50.511	ng	99
85) Di-n-octyl phthalate	14.574	149	569362	52.496	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	541709	51.774	ng	99
88) Benzo(b)fluoranthene	15.015	252	464073	46.965	ng	99
89) Benzo(k)fluoranthene	15.051	252	418980	45.338	ng	98
90) Benzo(a)pyrene	15.392	252	396360	47.465	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	441702	51.488	ng	99
92) Benzo(g,h,i)perylene	17.415	276	458694	51.964	ng	100

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



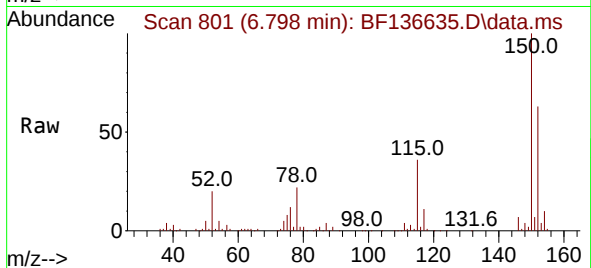
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

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BNA_F

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SSTDIC050

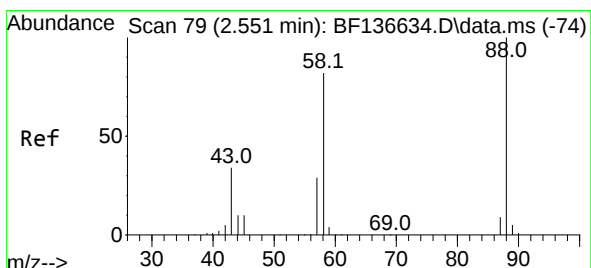
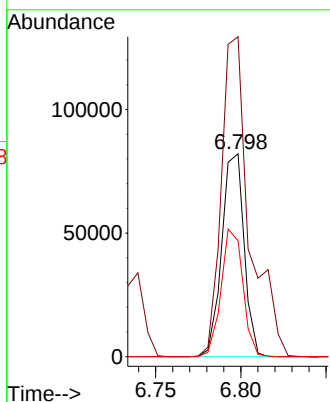
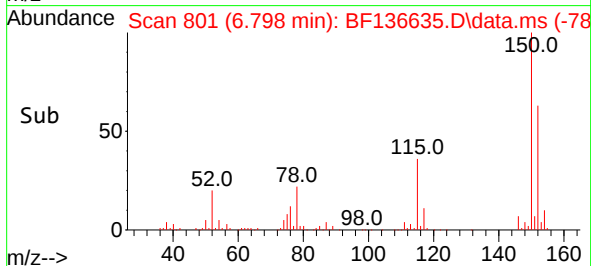


Tgt Ion:152 Resp: 75170
Ion Ratio Lower Upper
152 100
150 157.7 125.3 187.9
115 57.2 46.4 69.6

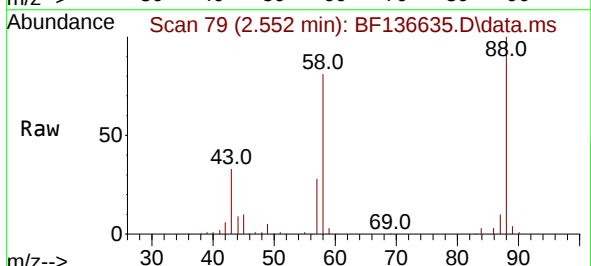
Manual Integrations

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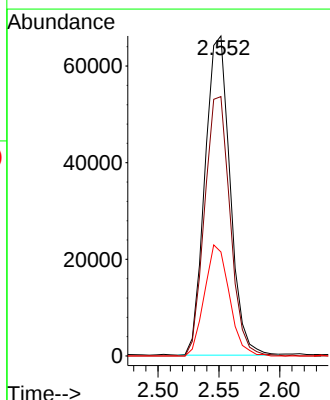
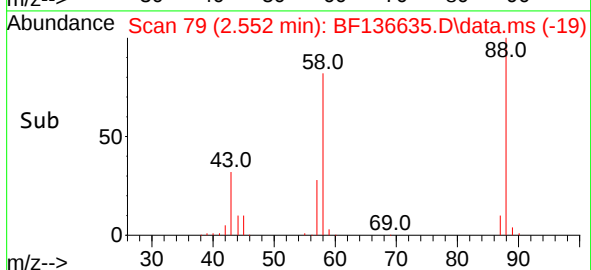
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

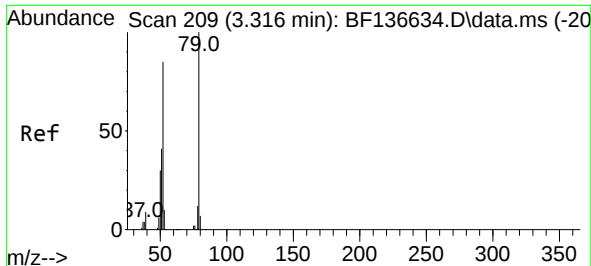


#2
1,4-Dioxane
Concen: 47.694 ng
RT: 2.552 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



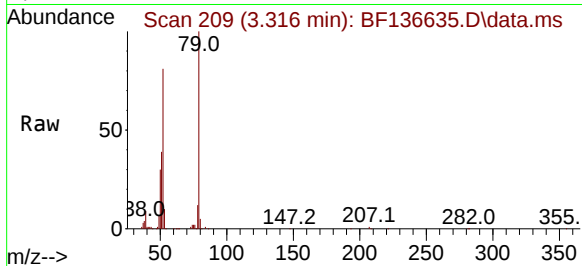
Tgt Ion: 88 Resp: 94780
Ion Ratio Lower Upper
88 100
58 82.5 63.3 94.9
43 34.5 26.4 39.6





#3
Pyridine
Concen: 49.035 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

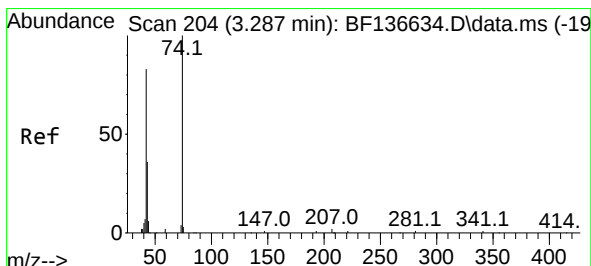
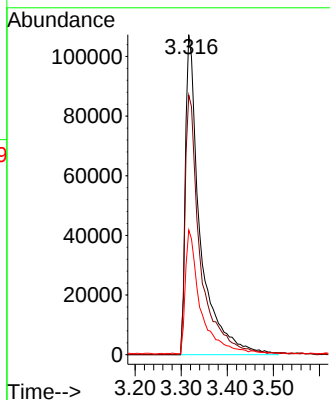
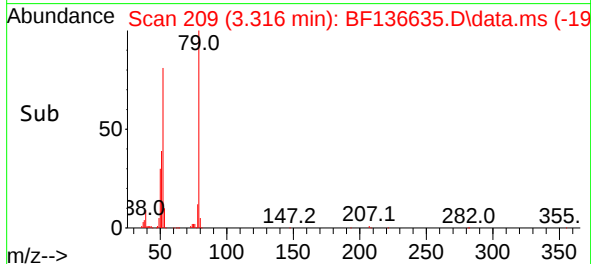
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



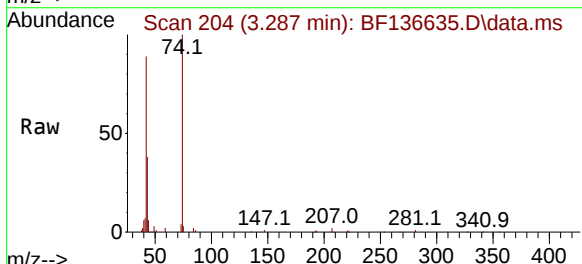
Tgt Ion: 79 Resp: 23913
Ion Ratio Lower Upper
79 100
52 81.1 67.6 101.4
51 39.0 32.9 49.3

Manual Integrations
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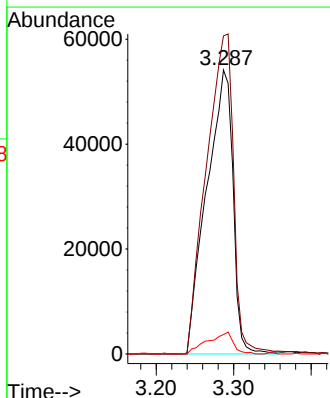
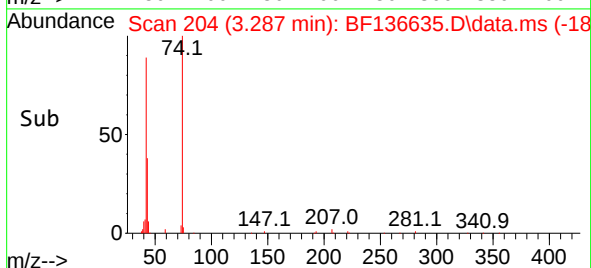
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

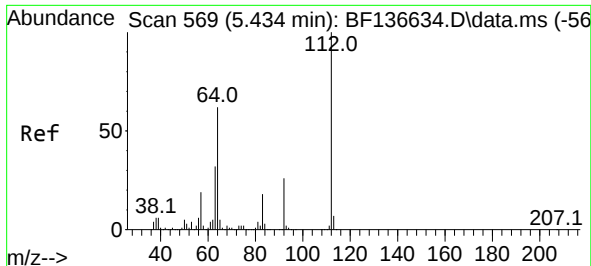


#4
n-Nitrosodimethylamine
Concen: 48.443 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



Tgt Ion: 42 Resp: 127609
Ion Ratio Lower Upper
42 100
74 112.0 96.2 144.4
44 6.8 5.7 8.5





#5
2-Fluorophenol
Concen: 94.628 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

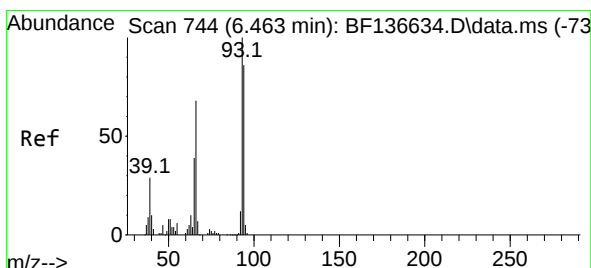
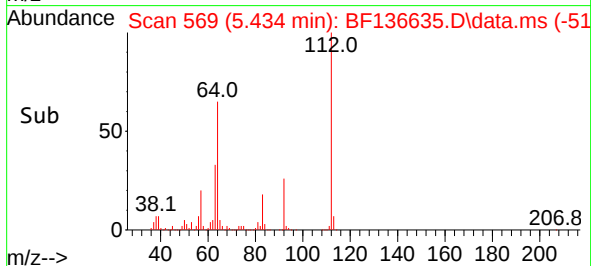
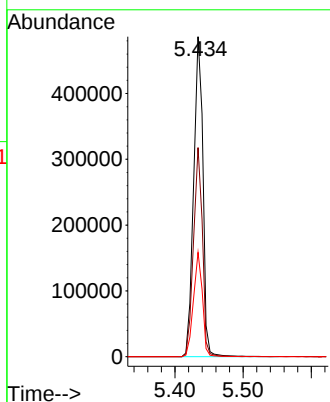
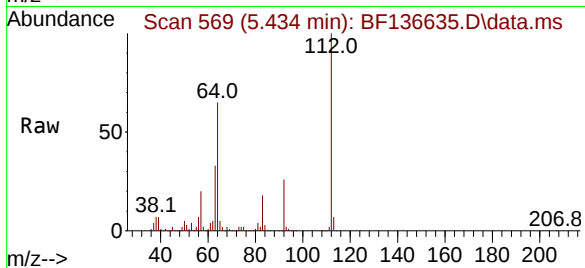
SSTDICC050

Tgt Ion: 112 Resp: 45815
Ion Ratio Lower Upper
112 100
64 65.3 49.7 74.5
63 32.6 25.8 38.6

Manual Integrations

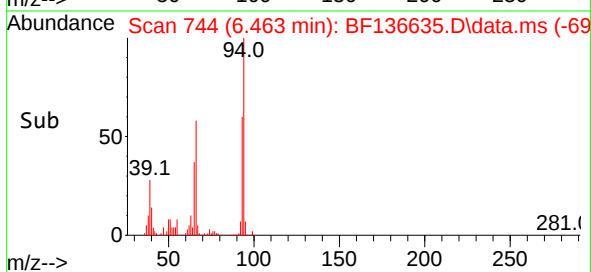
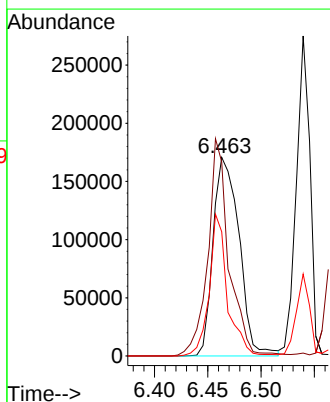
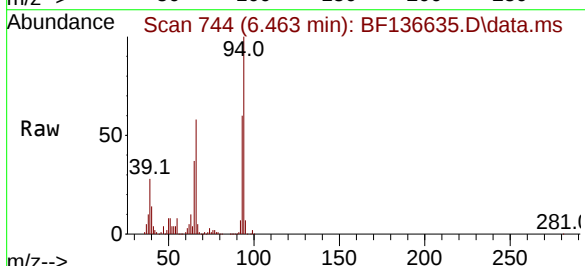
APPROVED

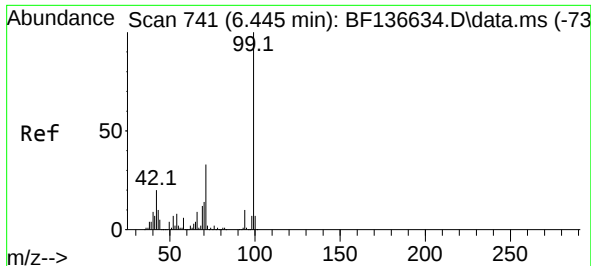
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#6
Aniline
Concen: 46.973 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

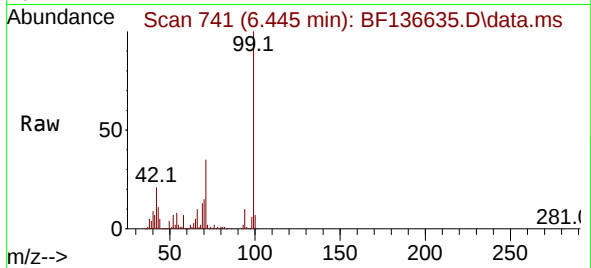
Tgt Ion: 93 Resp: 289603
Ion Ratio Lower Upper
93 100
66 97.7 55.5 83.3#
65 62.5 31.5 47.3#





#7
Phenol-d6
Concen: 94.056 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

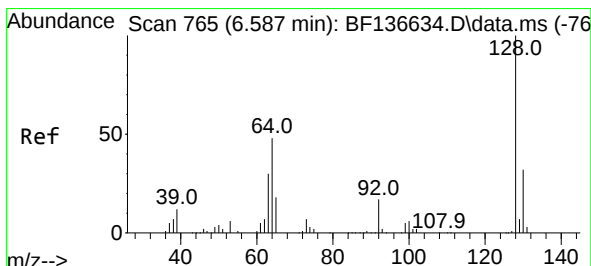
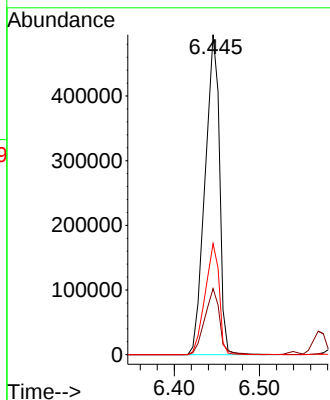
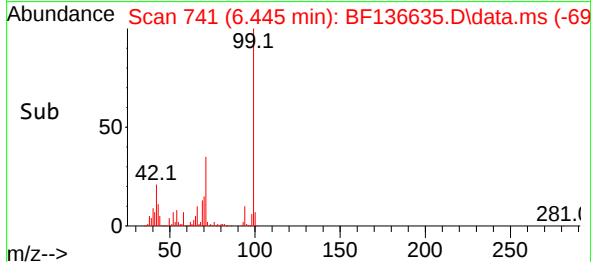
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 582835
Ion Ratio Lower Upper
99 100
42 20.6 16.2 24.4
71 34.7 26.6 39.8

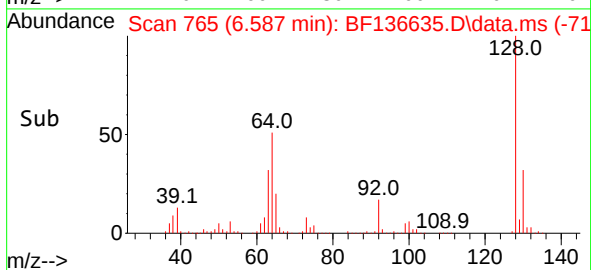
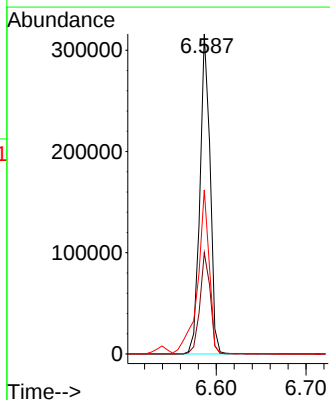
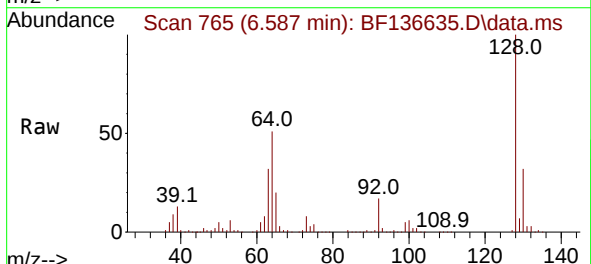
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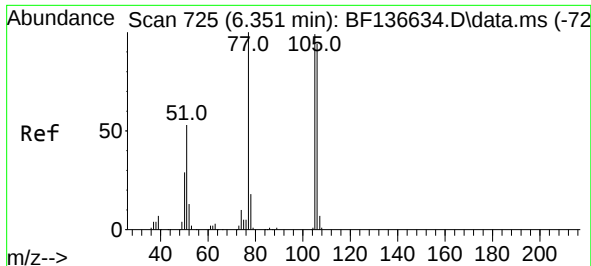
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#8
2-Chlorophenol
Concen: 46.938 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:128 Resp: 248460
Ion Ratio Lower Upper
128 100
130 31.6 12.0 52.0
64 51.2 29.2 69.2





#9

Benzaldehyde

Concen: 39.510 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF136635.D

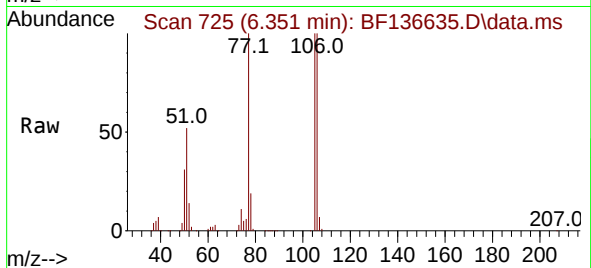
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

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SSTDICC050



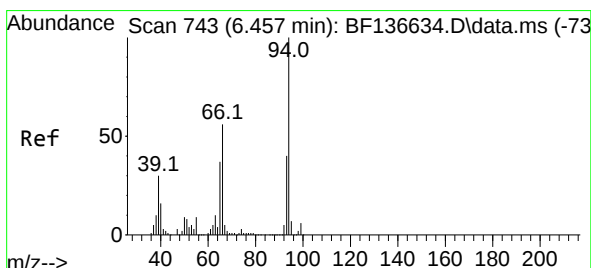
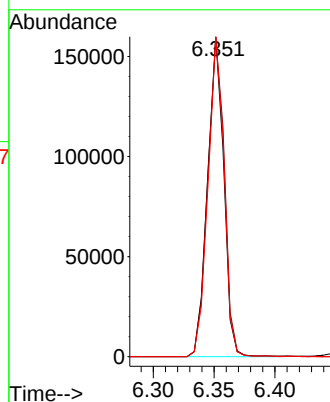
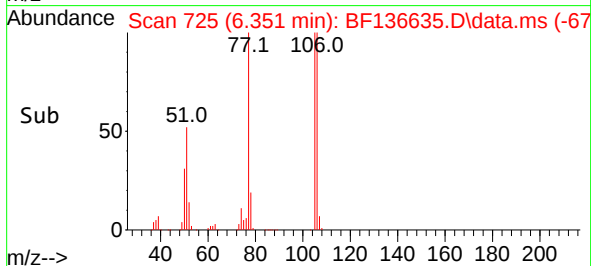
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Ion Ratio	Lower Upper
77	100
105	100.0 79.2 119.2
106	100.1 73.6 113.6

Manual Integrations

APPROVED

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#10

Phenol

Concen: 47.489 ng

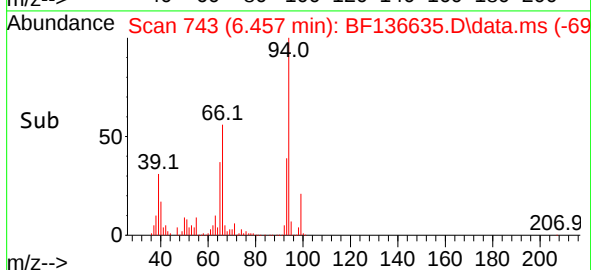
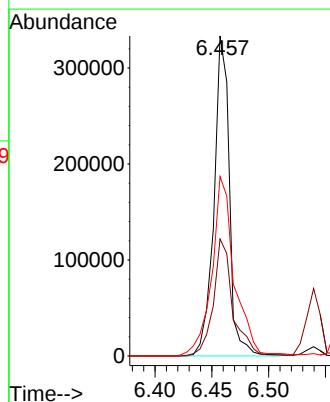
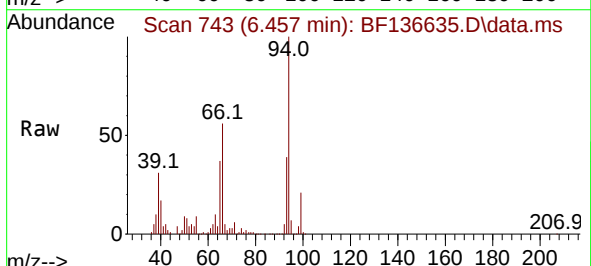
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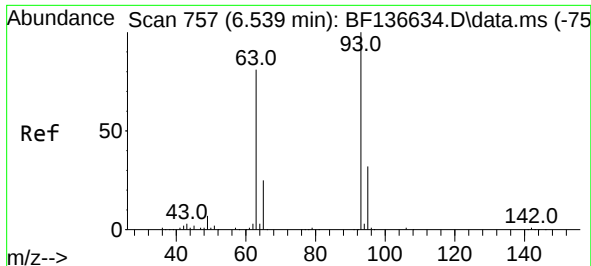
Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Tgt Ion: 94	Resp: 313708
Ion Ratio	Lower Upper
94	100
65	36.6 16.8 56.8
66	56.0 36.2 76.2





#11
bis(2-Chloroethyl)ether
Concen: 47.445 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

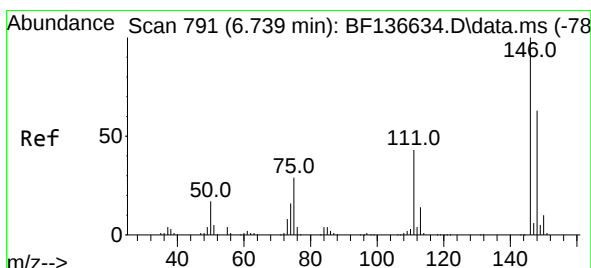
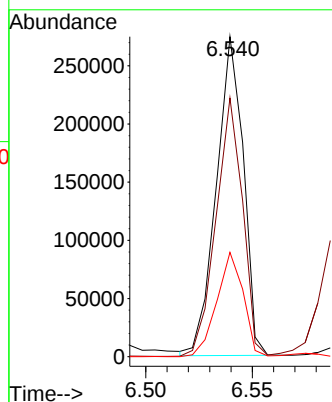
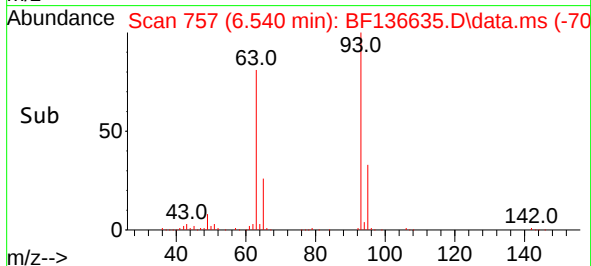
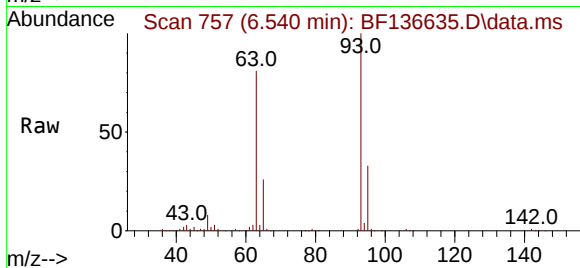
ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 241784
Ion Ratio Lower Upper
93 100
63 80.9 59.7 99.7
95 32.6 11.8 51.8

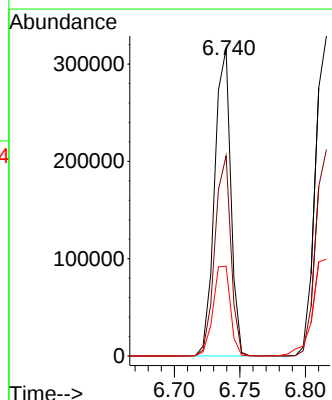
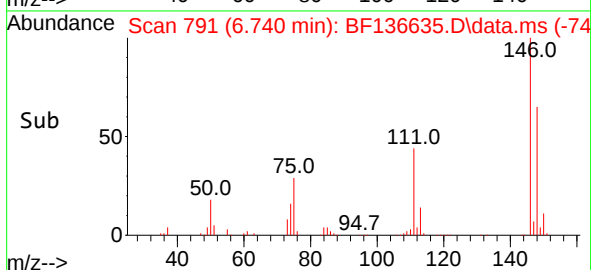
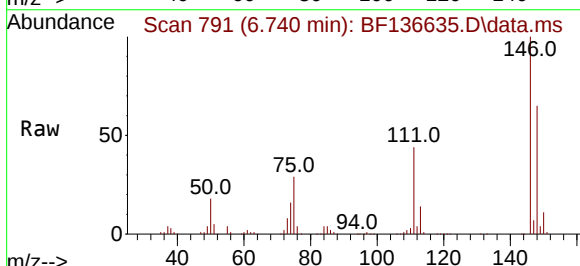
Manual Integrations
APPROVED

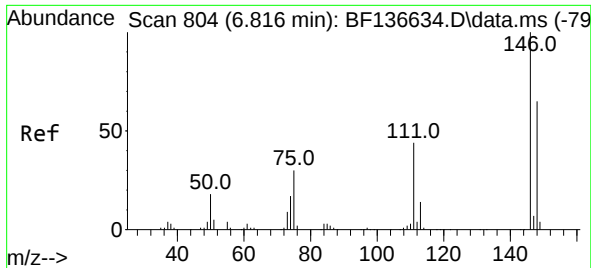
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#12
1,3-Dichlorobenzene
Concen: 47.112 ng
RT: 6.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

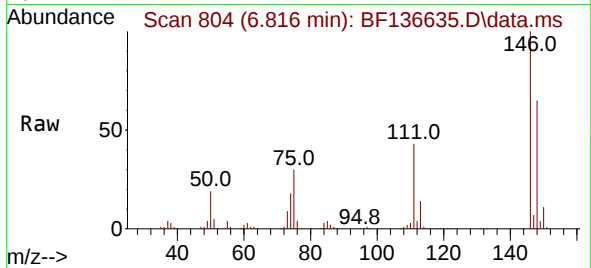
Tgt Ion:146 Resp: 270598
Ion Ratio Lower Upper
146 100
148 65.1 50.3 75.5
75 29.2 23.4 35.2





#13
1,4-Dichlorobenzene
Concen: 47.098 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

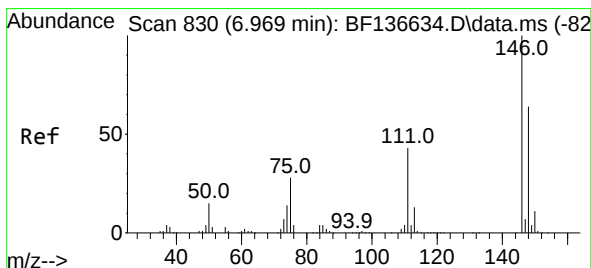
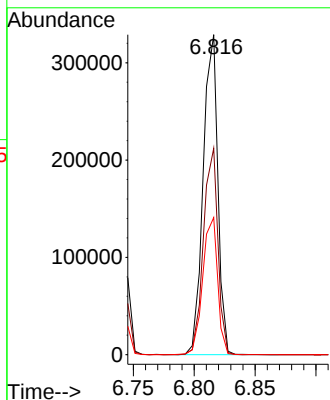
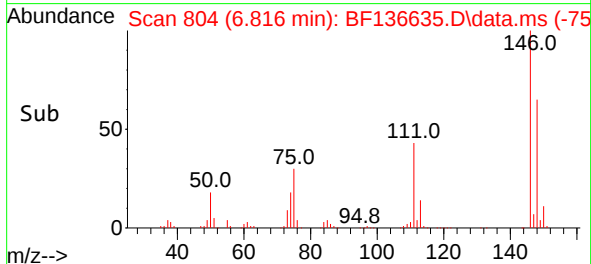
Instrument :
BNA_F
ClientSampleId :
SSTDIC050



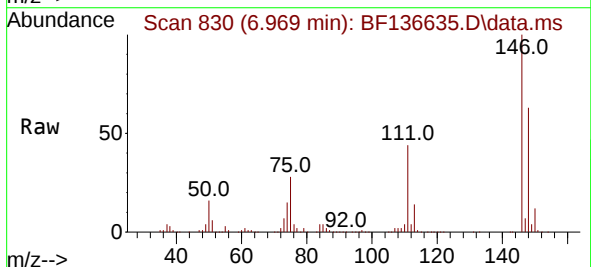
Tgt Ion:146 Resp: 274650
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
111 42.9 35.0 52.4

Manual Integrations
APPROVED

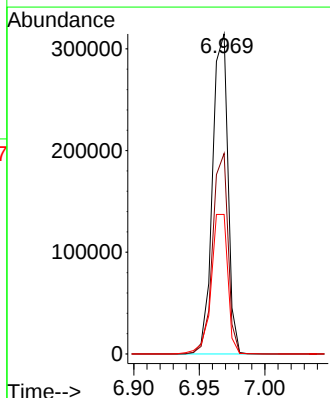
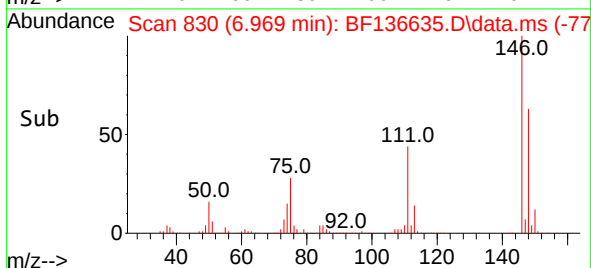
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

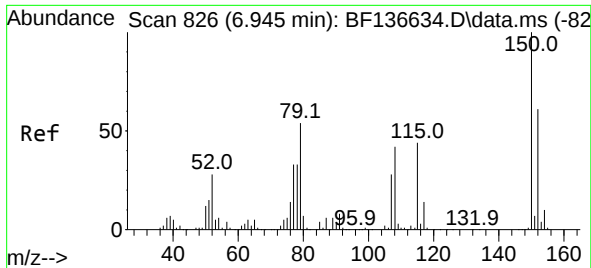


#14
1,2-Dichlorobenzene
Concen: 47.374 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



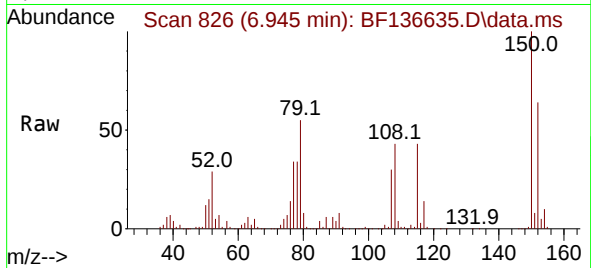
Tgt Ion:146 Resp: 257852
Ion Ratio Lower Upper
146 100
148 62.6 50.9 76.3
111 43.6 34.5 51.7





#15
Benzyl Alcohol
Concen: 47.557 ng
RT: 6.945 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

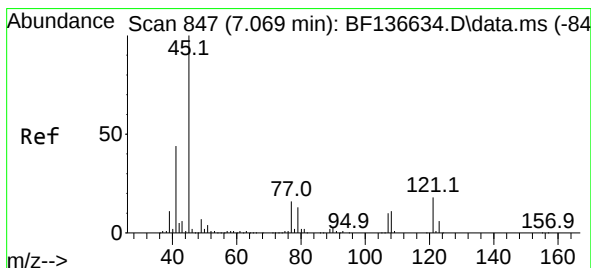
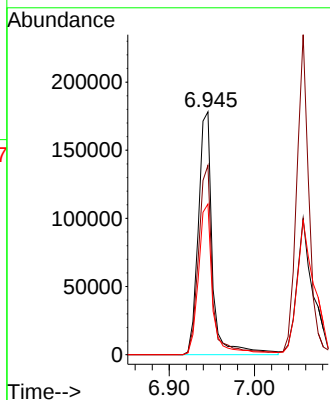
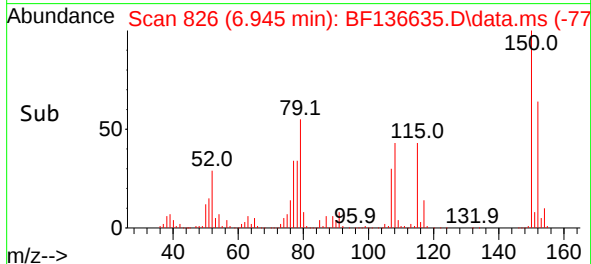
Instrument :
BNA_F
ClientSampleId :
SSTDIC050



Tgt Ion: 79 Resp: 20520
Ion Ratio Lower Upper
79 100
108 78.0 62.3 93.5
77 62.1 48.3 72.5

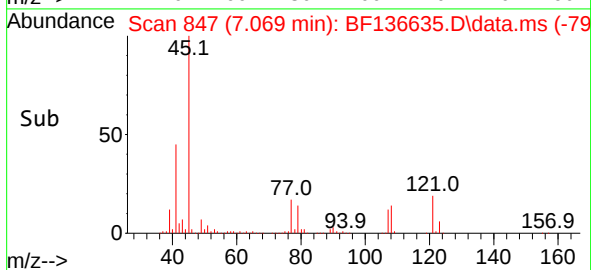
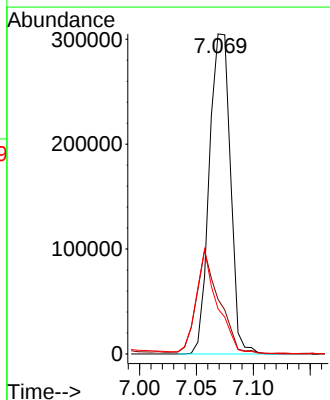
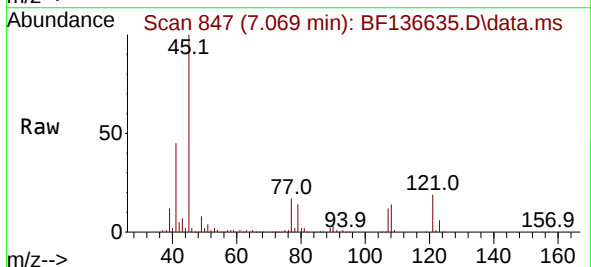
Manual Integrations
APPROVED

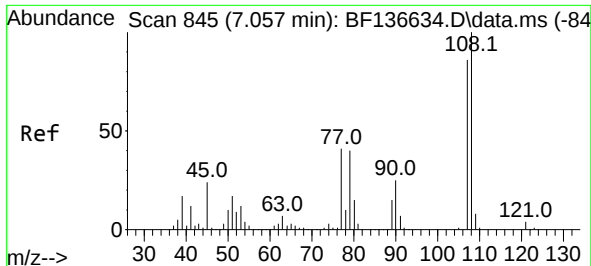
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.140 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion: 45 Resp: 392999
Ion Ratio Lower Upper
45 100
77 17.0 0.0 36.5
79 14.1 0.0 33.7





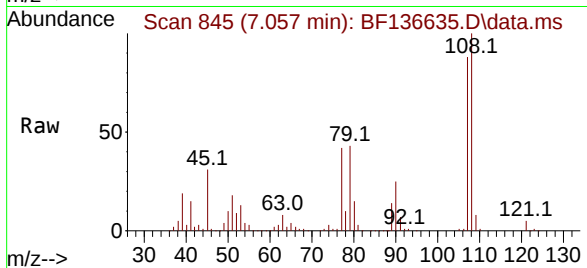
#17
2-Methylphenol
Concen: 47.621 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

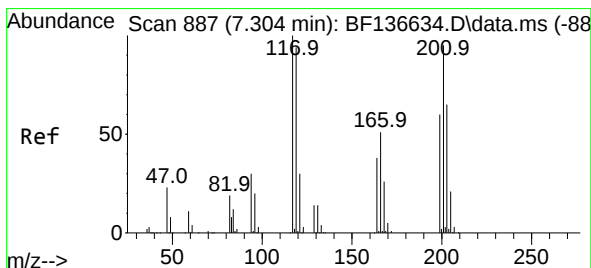
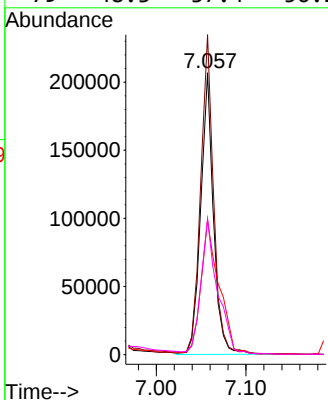
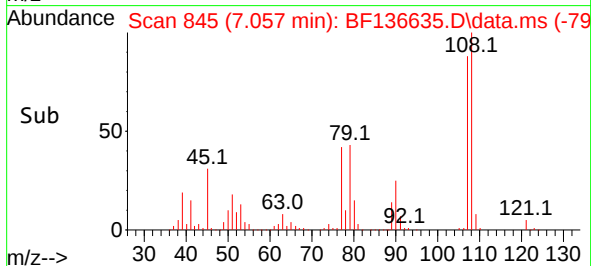


Tgt Ion:107 Resp: 205124
Ion Ratio Lower Upper
107 100
108 113.5 92.6 139.0
77 47.7 37.9 56.9
79 48.3 37.4 56.2

Manual Integrations

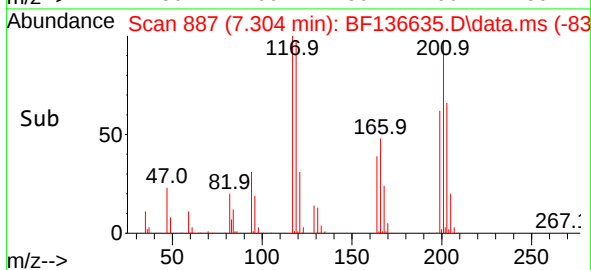
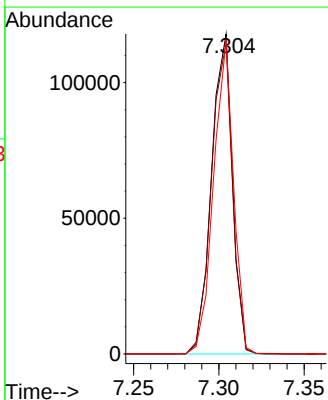
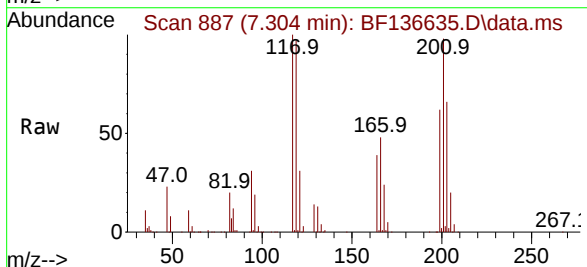
APPROVED

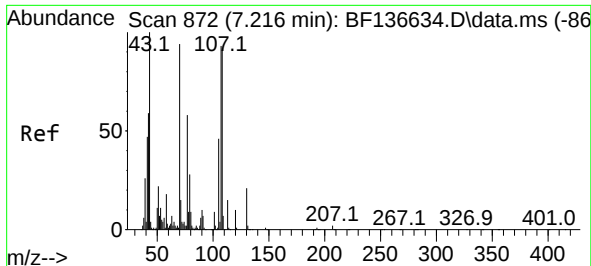
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#18
Hexachloroethane
Concen: 47.370 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

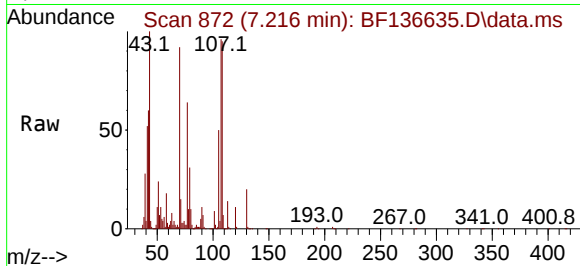
Tgt Ion:117 Resp: 100317
Ion Ratio Lower Upper
117 100
119 97.4 75.6 113.4
201 98.1 75.7 113.5





#19
n-Nitroso-di-n-propylamine
Concen: 46.560 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

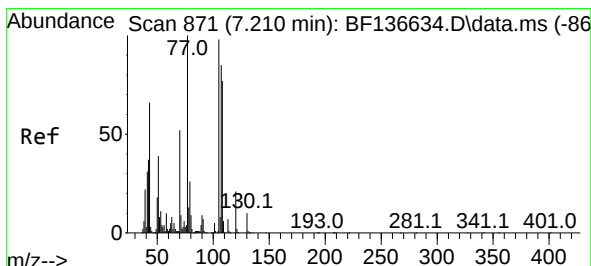
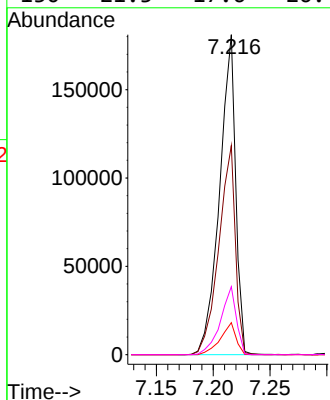
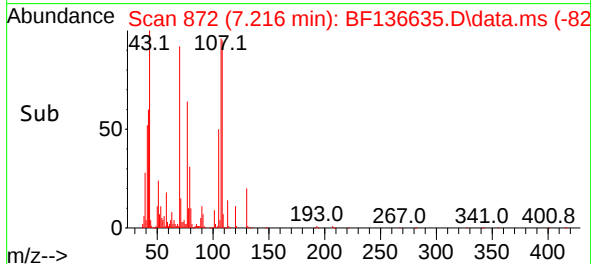
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



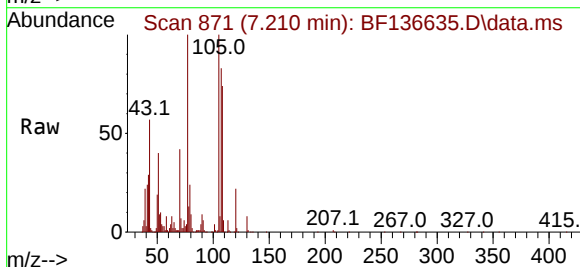
Tgt Ion: 70 Resp: 17888
Ion Ratio Lower Upper
70 100
42 65.3 50.1 75.1
101 10.0 8.1 12.1
130 21.3 17.6 26.4

Manual Integrations
APPROVED

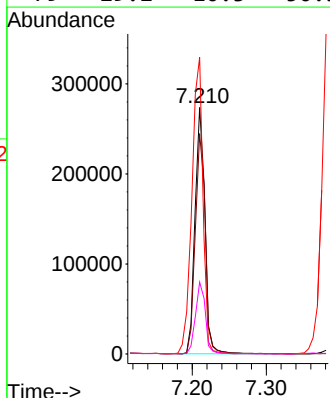
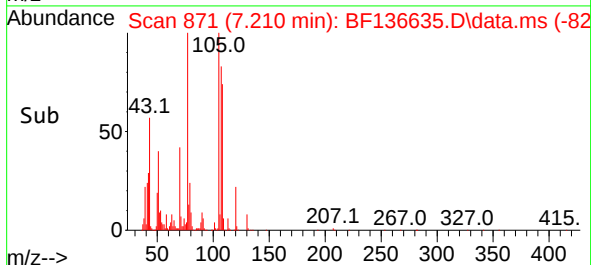
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

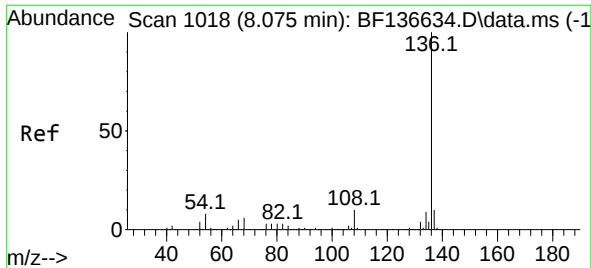


#20
3+4-Methylphenols
Concen: 46.461 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



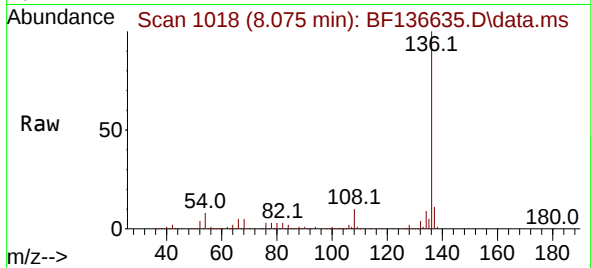
Tgt Ion:107 Resp: 252007
Ion Ratio Lower Upper
107 100
108 89.4 70.4 110.4
77 120.4 97.1 137.1
79 29.2 10.3 50.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

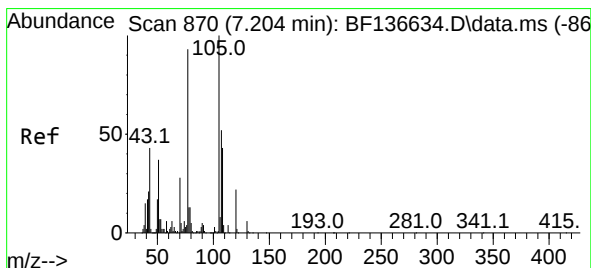
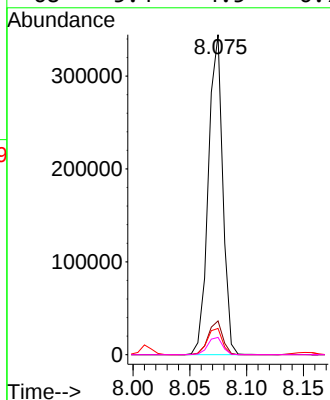
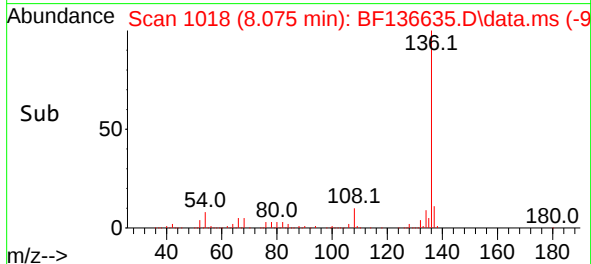
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



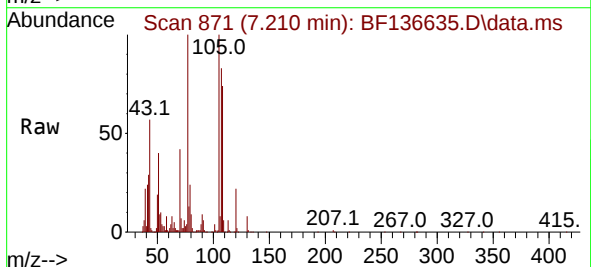
Tgt Ion:136	Resp: 302350
Ion Ratio	Lower Upper
136 100	
137 10.6	8.2 12.4
54 8.2	6.4 9.6
68 5.4	4.5 6.7

Manual Integrations
APPROVED

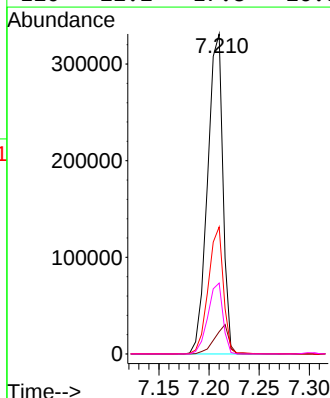
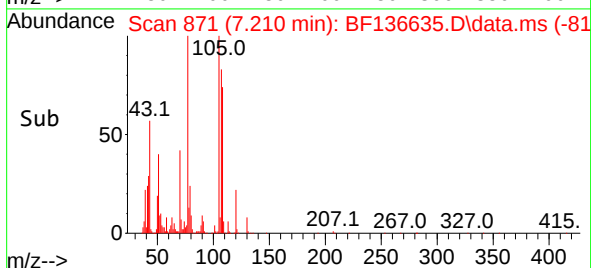
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

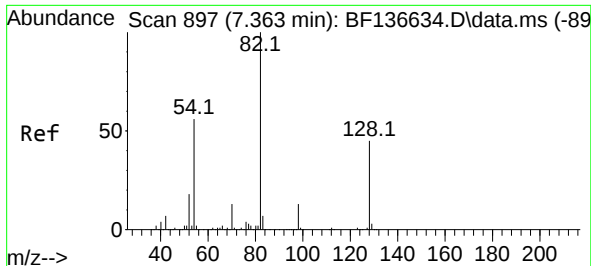


#22
Acetophenone
Concen: 46.558 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



Tgt	Ion:105	Resp:	352180
Ion	Ratio	Lower	Upper
105	100		
71	7.0	3.8	5.6#
51	39.7	29.8	44.6
120	22.2	17.8	26.8





#23
Nitrobenzene-d5
Concen: 95.337 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

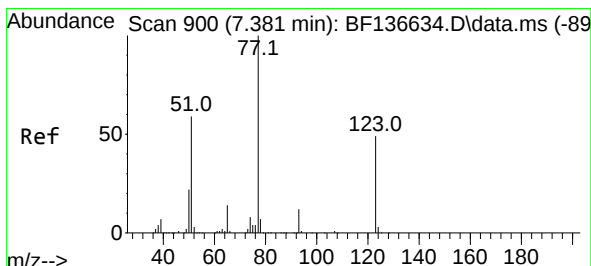
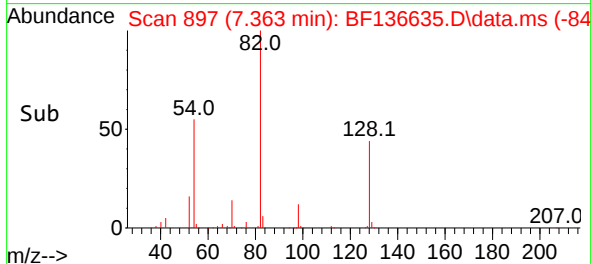
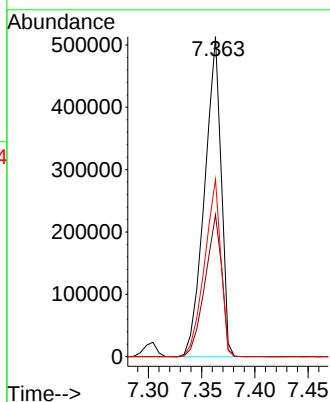
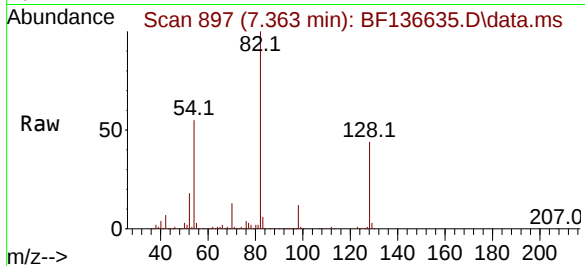
ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 555088
Ion Ratio Lower Upper
82 100
128 44.4 35.7 53.5
54 55.4 44.5 66.7

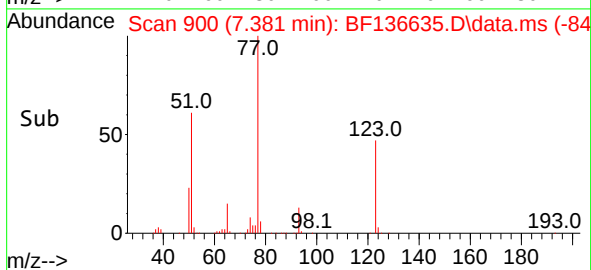
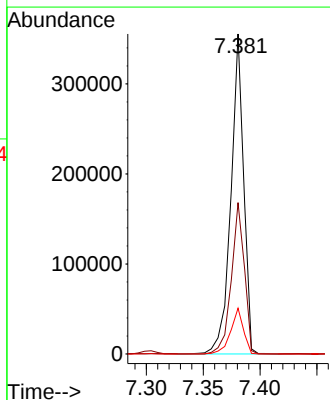
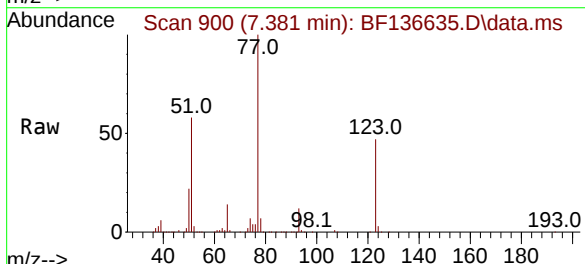
Manual Integrations
APPROVED

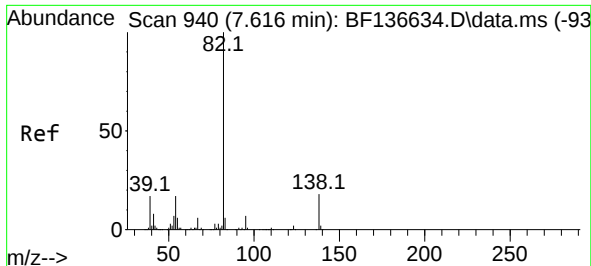
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#24
Nitrobenzene
Concen: 47.100 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

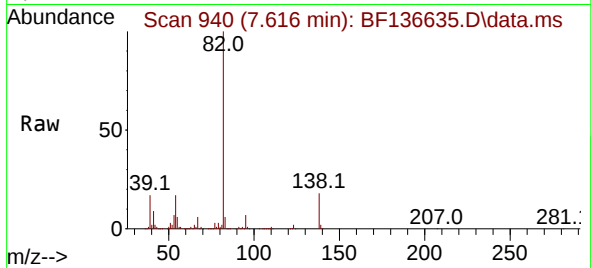
Tgt Ion: 77 Resp: 278393
Ion Ratio Lower Upper
77 100
123 47.3 39.2 58.8
65 14.3 11.5 17.3





#25
Isophorone
Concen: 46.268 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

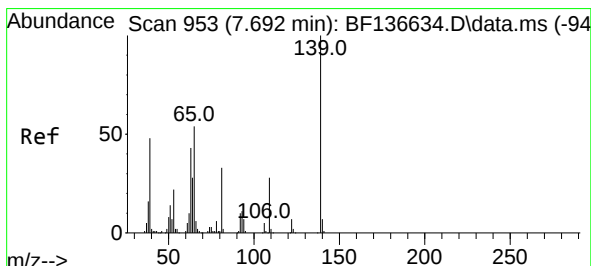
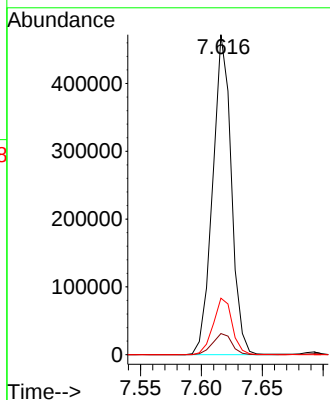
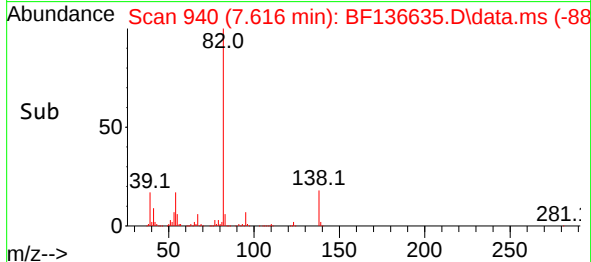
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 50252
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 17.6 14.2 21.4

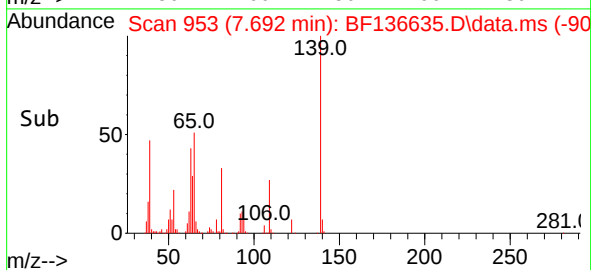
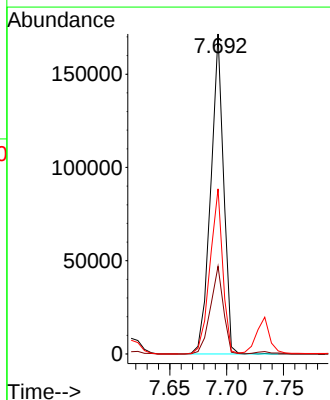
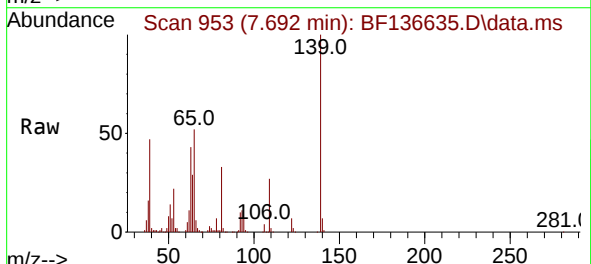
Manual Integrations
APPROVED

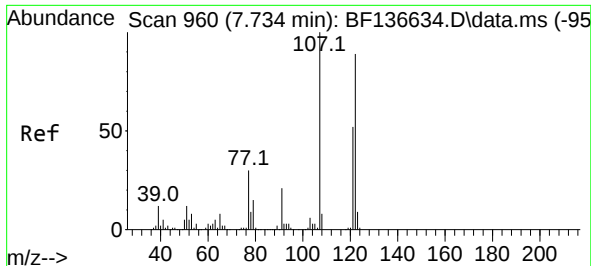
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#26
2-Nitrophenol
Concen: 48.249 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:139 Resp: 135129
Ion Ratio Lower Upper
139 100
109 27.4 22.4 33.6
65 51.6 43.0 64.4





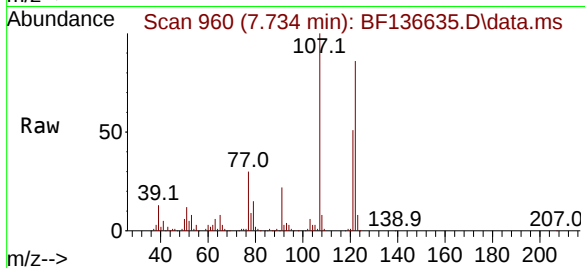
#27
2,4-Dimethylphenol
Concen: 46.443 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



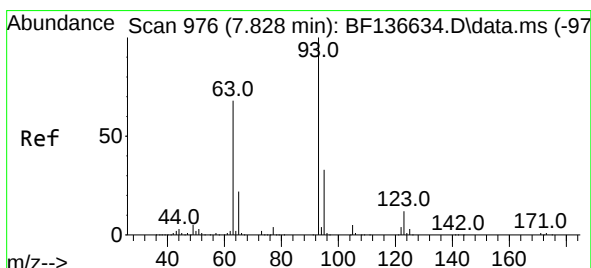
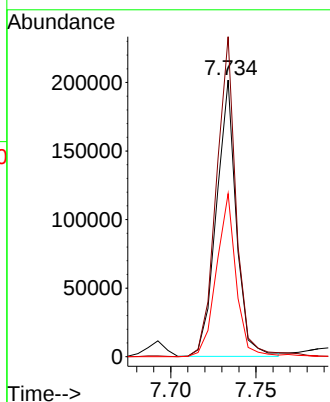
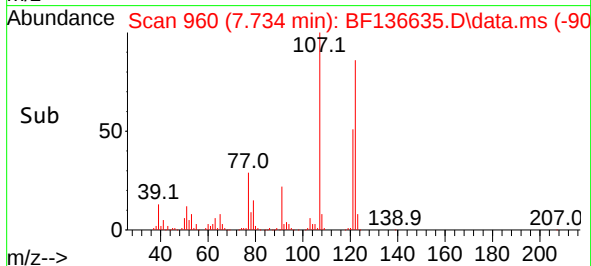
Tgt Ion:122 Resp: 16336
Ion Ratio Lower Upper
122 100
107 115.7 89.4 134.2
121 59.0 46.7 70.1

Manual Integrations

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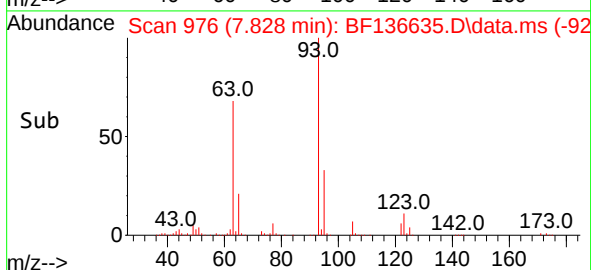
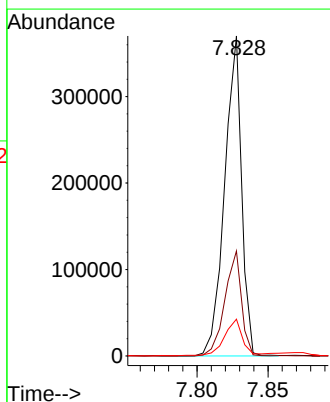
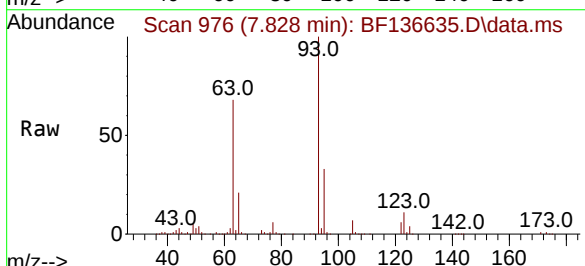
Reviewed By :Yogesh Patel 12/20/2023

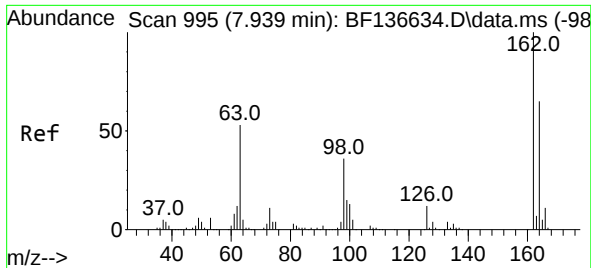
Supervised By :mohammad ahmed 12/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.790 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion: 93 Resp: 307570
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 47.521 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

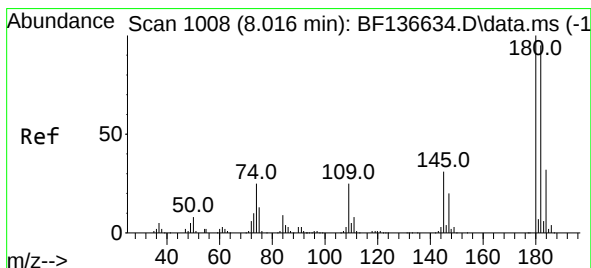
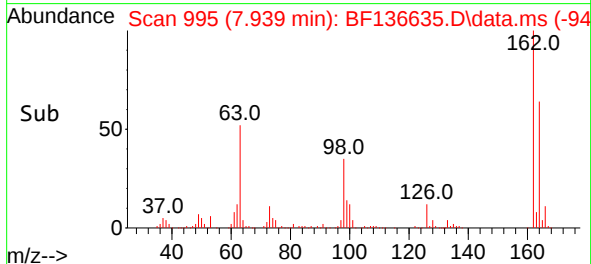
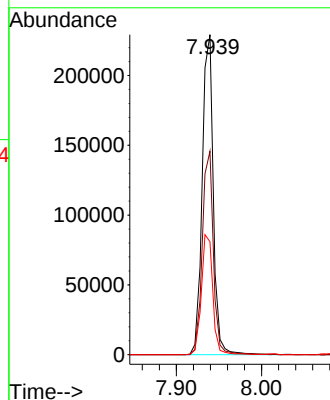
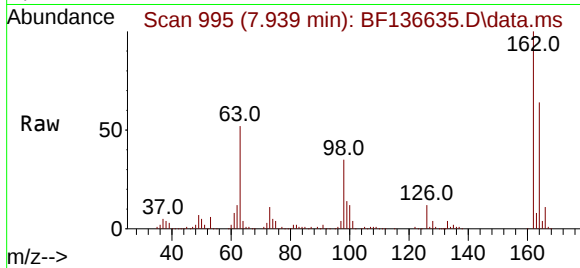
Tgt Ion:162	Resp: 20721
Ion Ratio	Lower Upper
162 100	
164 63.5	44.9 84.9
98 35.3	16.4 56.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.111 ng

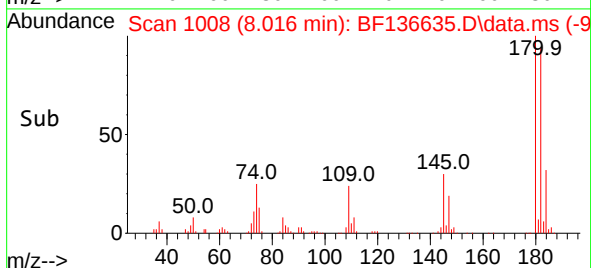
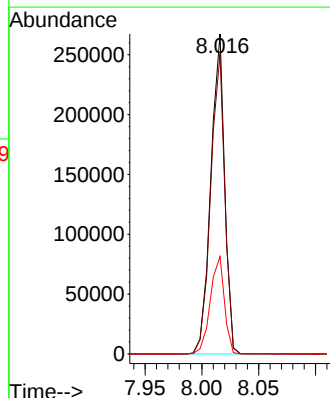
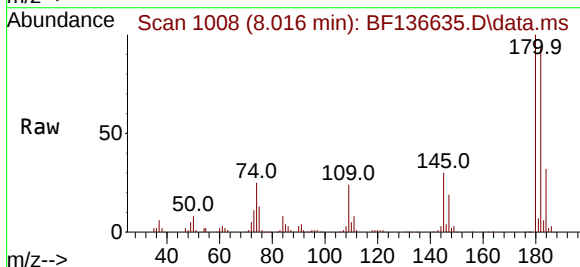
RT: 8.016 min Scan# 1008

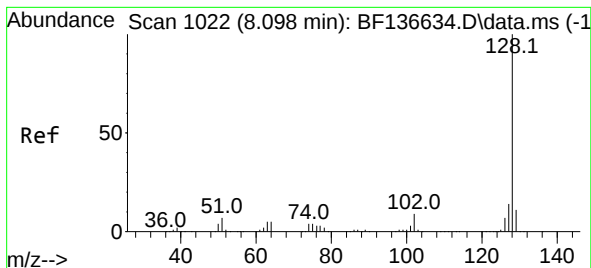
Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Tgt Ion:180	Resp: 226255
Ion Ratio	Lower Upper
180 100	
182 93.7	75.8 113.6
145 30.4	24.6 37.0





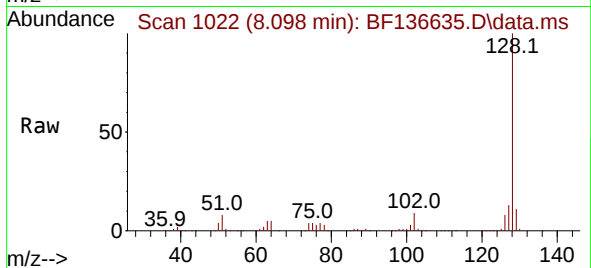
#31
Naphthalene
Concen: 46.276 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

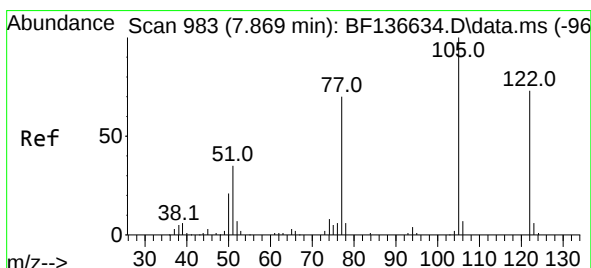
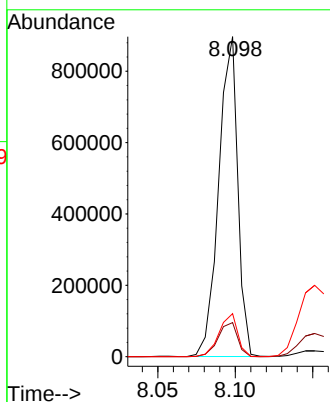
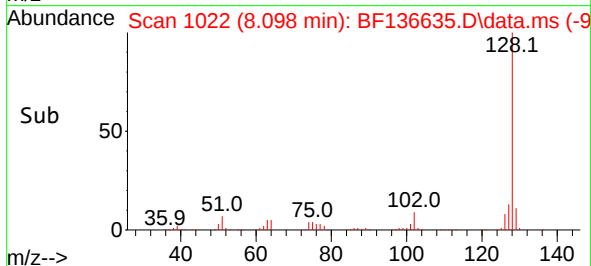


Tgt Ion:128 Resp: 764490
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.5 10.8 16.2

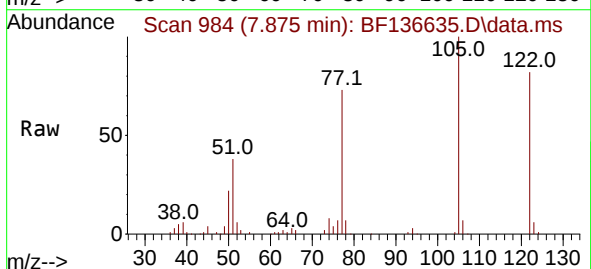
Manual Integrations

APPROVED

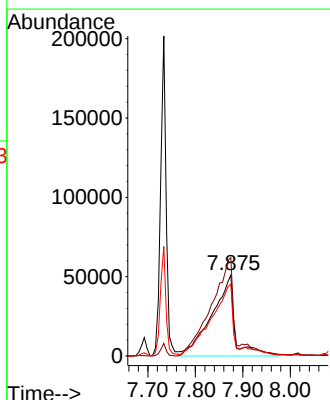
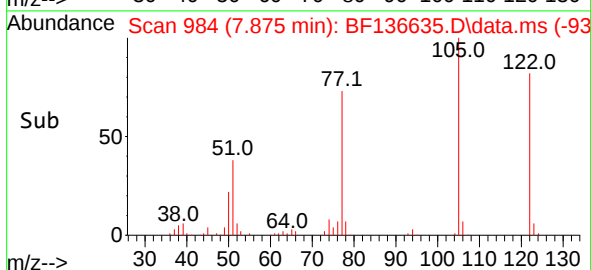
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

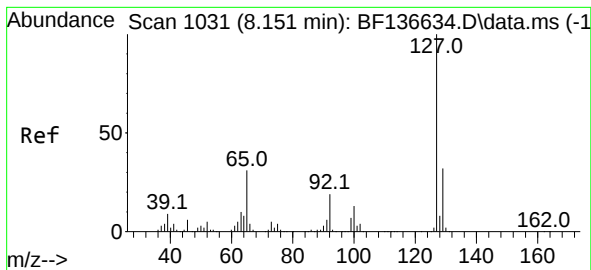


#32
Benzoic acid
Concen: 52.357 ng m
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



Tgt Ion:122 Resp: 172760
Ion Ratio Lower Upper
122 100
105 121.6 111.6 151.6
77 88.7 73.3 113.3





#33
4-Chloroaniline
Concen: 46.771 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

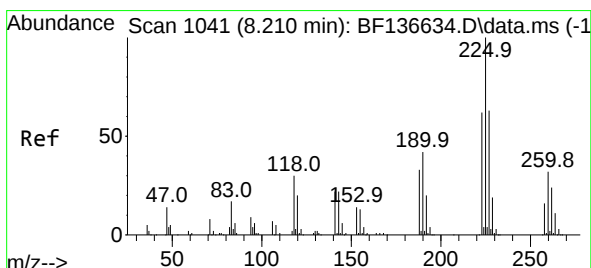
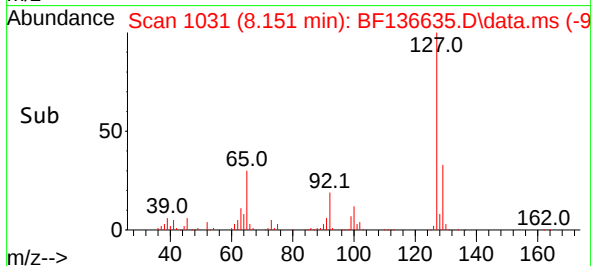
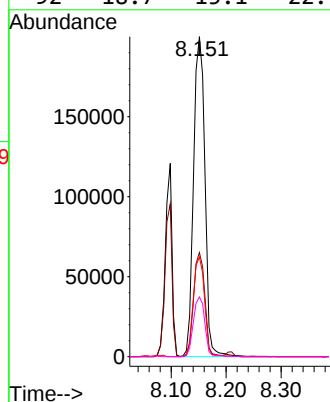
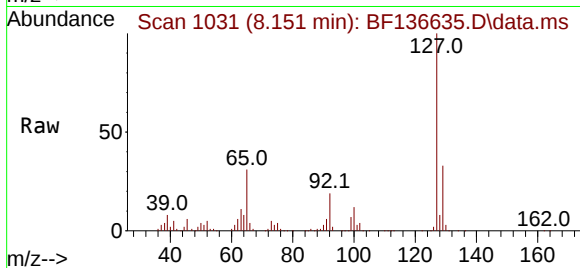
ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 28756
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4
65 31.1 24.9 37.3
92 18.7 15.1 22.7

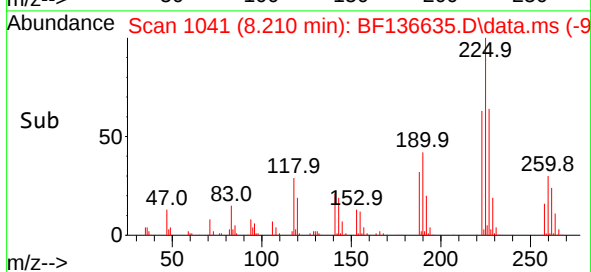
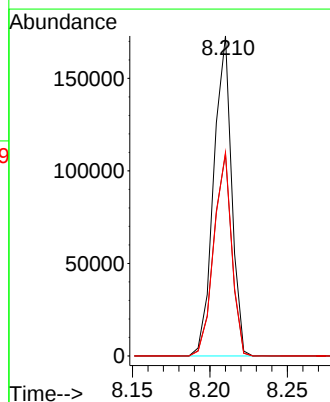
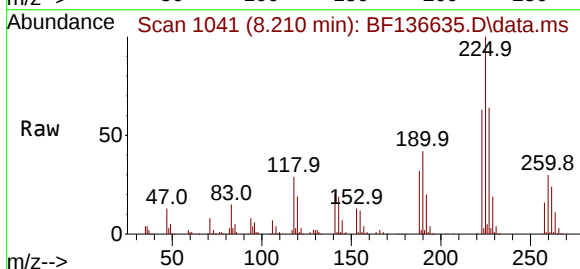
Manual Integrations
APPROVED

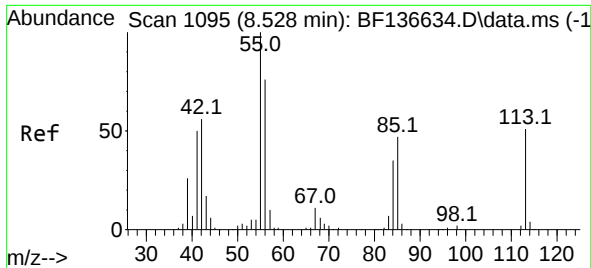
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#34
Hexachlorobutadiene
Concen: 46.408 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

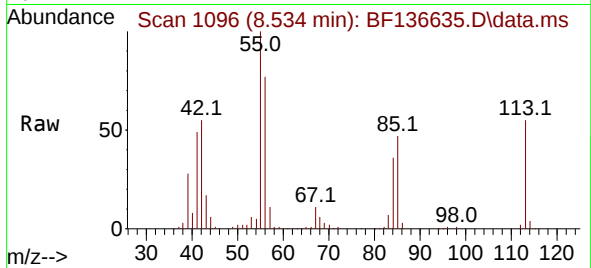
Tgt Ion:225 Resp: 139214
Ion Ratio Lower Upper
225 100
223 63.1 49.4 74.2
227 63.6 50.2 75.2





#35
Caprolactam
Concen: 47.049 ng
RT: 8.534 min Scan# 1096
Delta R.T. 0.006 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

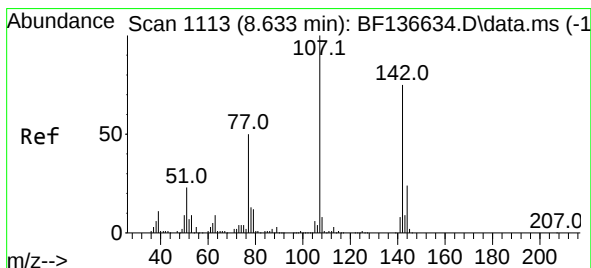
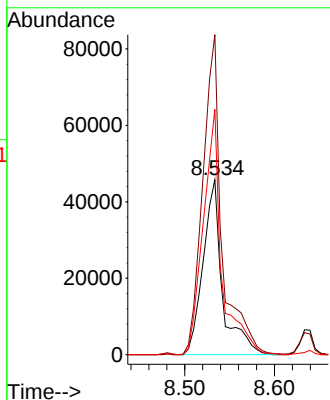
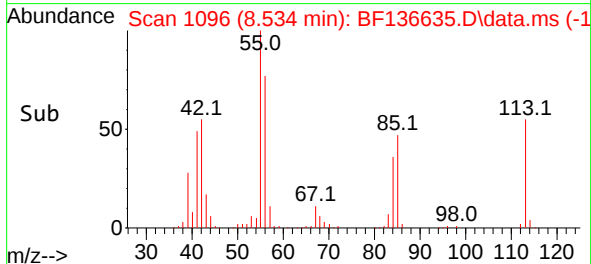
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



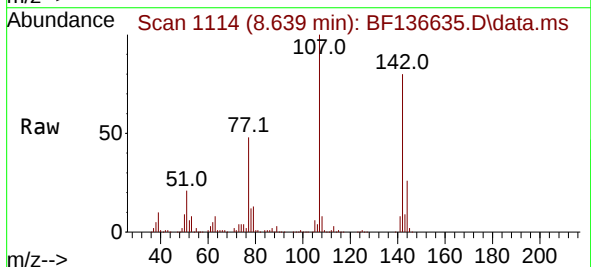
Tgt Ion:113 Resp: 6859
Ion Ratio Lower Upper
113 100
55 182.9 174.3 214.3
56 140.2 127.6 167.6

Manual Integrations
APPROVED

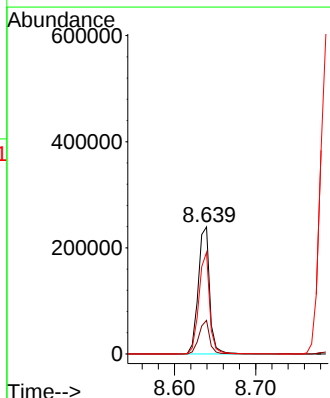
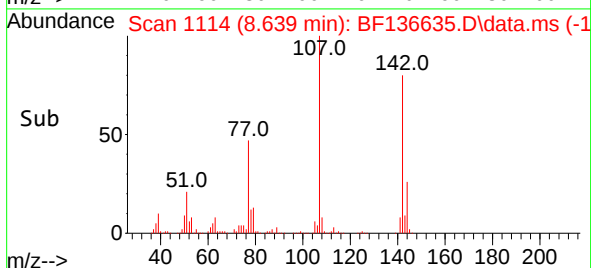
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

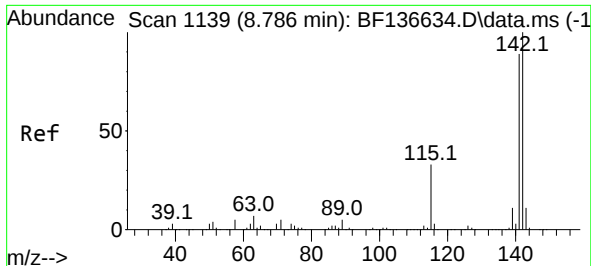


#36
4-Chloro-3-methylphenol
Concen: 47.077 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



Tgt Ion:107 Resp: 233676
Ion Ratio Lower Upper
107 100
144 26.4 19.0 28.6
142 80.0 59.8 89.8





#37

2-Methylnaphthalene

Concen: 45.968 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:142 Resp: 488000

Ion Ratio Lower Upper

142 100

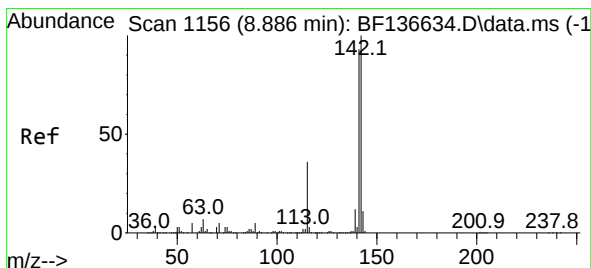
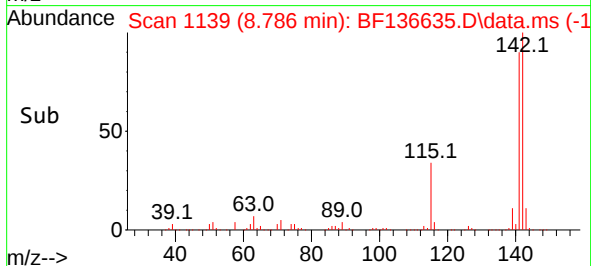
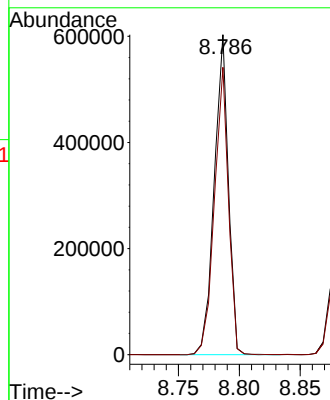
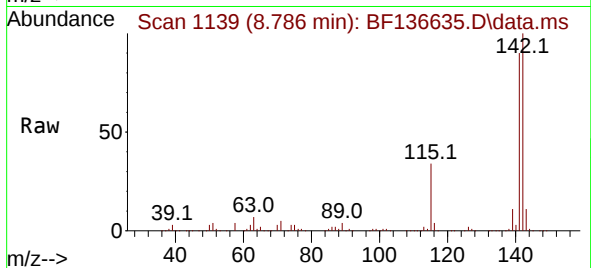
141 89.8 71.5 107.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#38

1-Methylnaphthalene

Concen: 45.660 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF136635.D

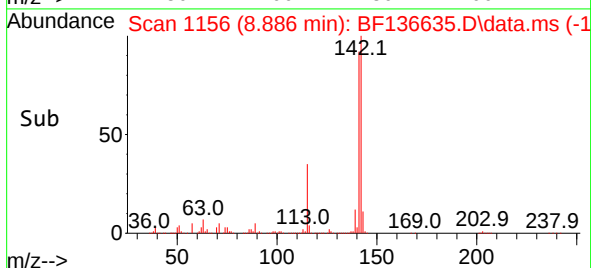
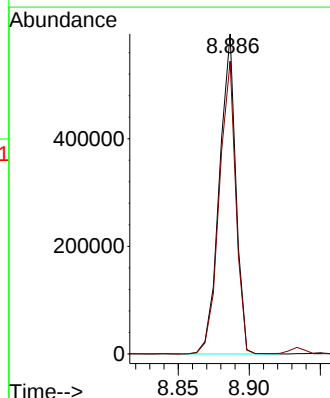
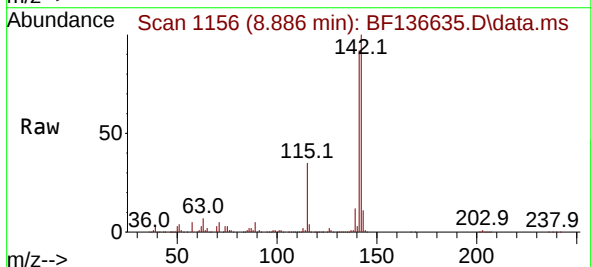
Acq: 19 Dec 2023 17:40

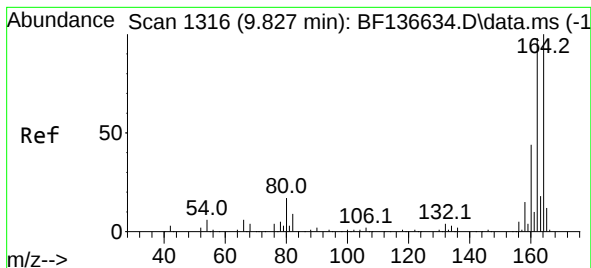
Tgt Ion:142 Resp: 477671

Ion Ratio Lower Upper

142 100

141 91.5 74.6 112.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136635.D

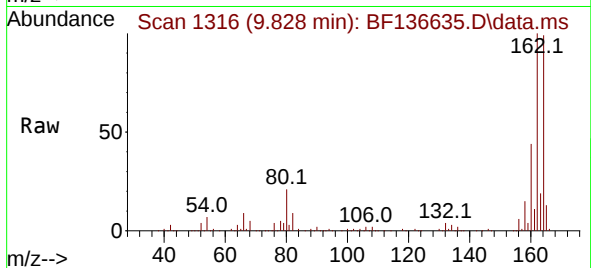
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 15668

Ion Ratio Lower Upper

164 100

162 101.4 78.4 117.6

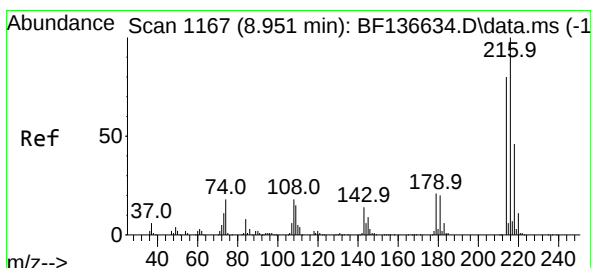
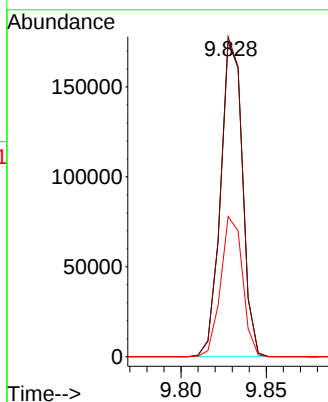
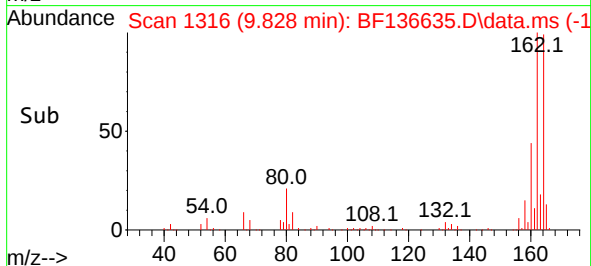
160 44.4 35.2 52.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.620 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Tgt Ion:216 Resp: 226415

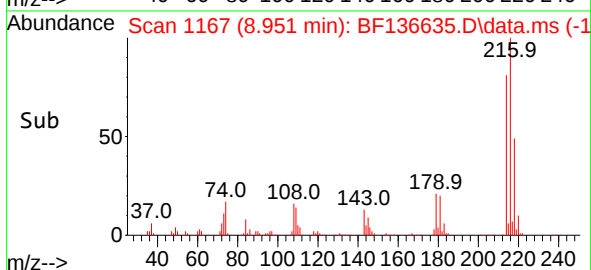
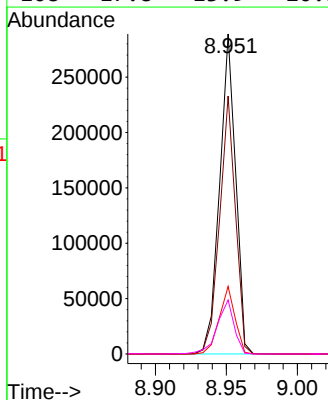
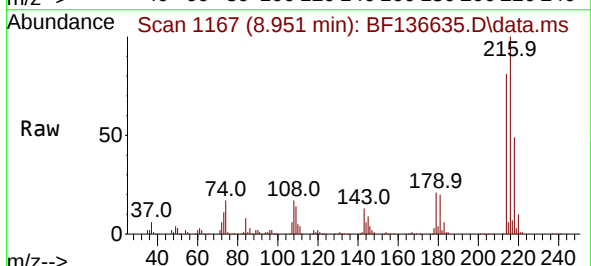
Ion Ratio Lower Upper

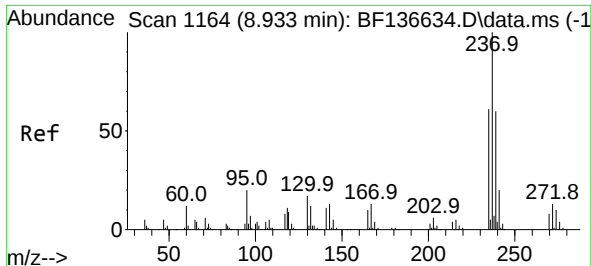
216 100

214 79.5 63.4 95.2

179 20.8 16.5 24.7

108 17.8 13.9 20.9





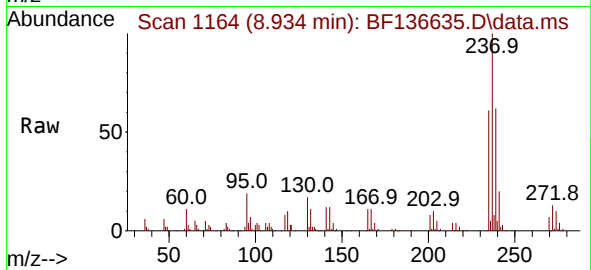
#41
Hexachlorocyclopentadiene
Concen: 48.499 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.001 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

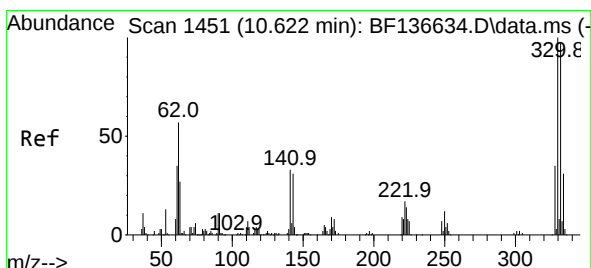
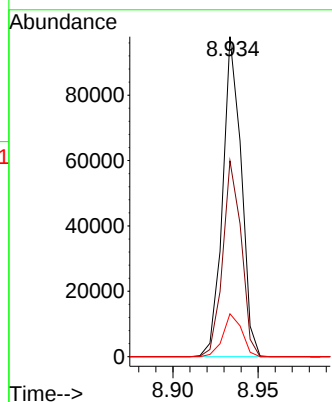
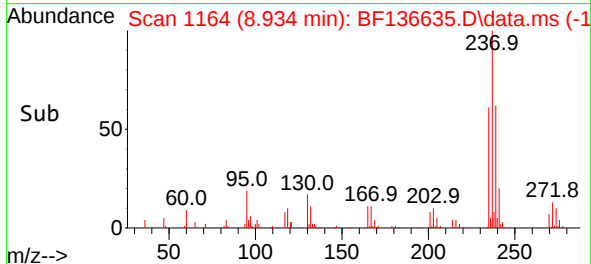


Tgt Ion:237 Resp: 74148
Ion Ratio Lower Upper
237 100
235 61.2 41.4 81.4
272 13.4 0.0 32.8

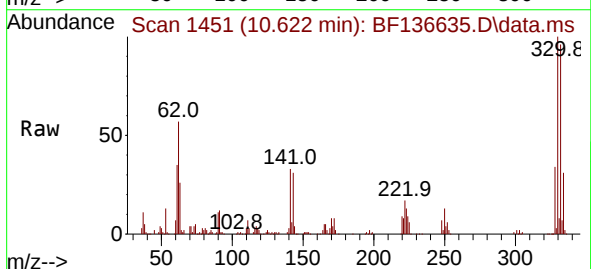
Manual Integrations

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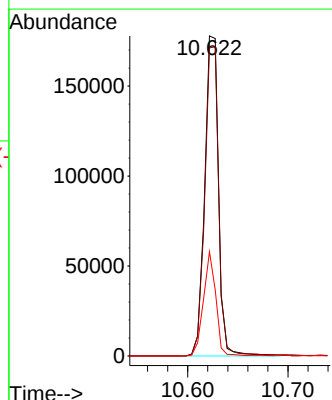
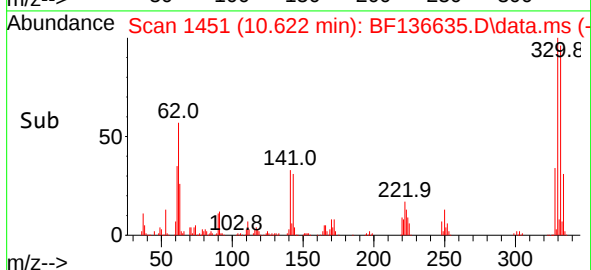
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

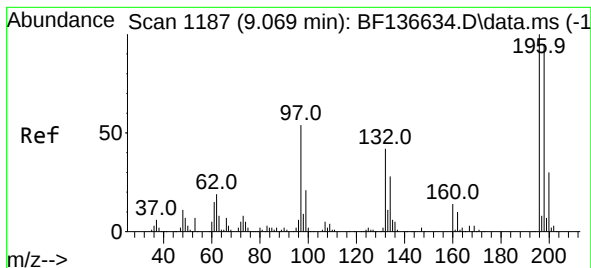


#42
2,4,6-Tribromophenol
Concen: 94.289 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



Tgt Ion:330 Resp: 172273
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 29.2 23.4 35.0





#43
2,4,6-Trichlorophenol
Concen: 47.799 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

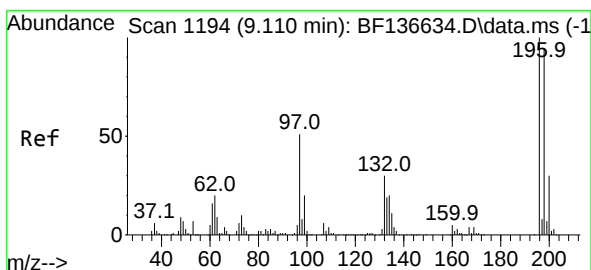
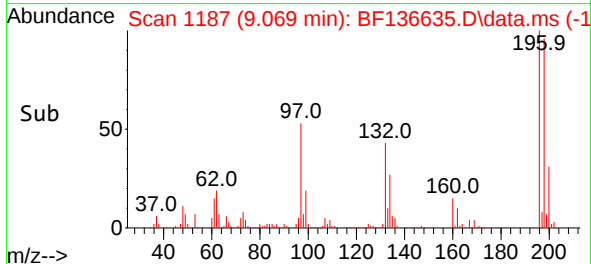
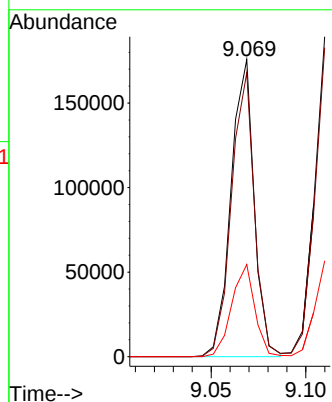
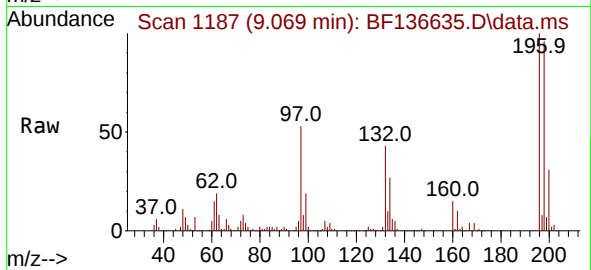
SSTDICC050

Tgt Ion:196 Resp: 14904
Ion Ratio Lower Upper
196 100
198 95.6 76.2 114.2
200 31.0 24.2 36.2

Manual Integrations

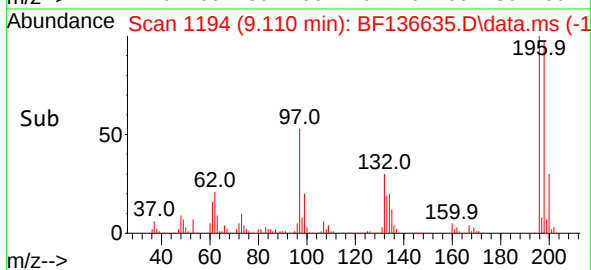
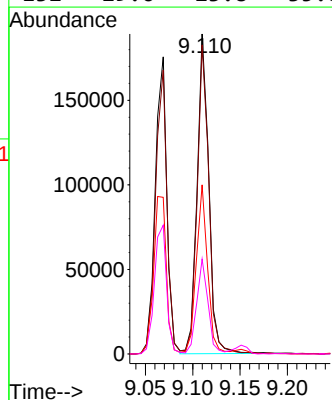
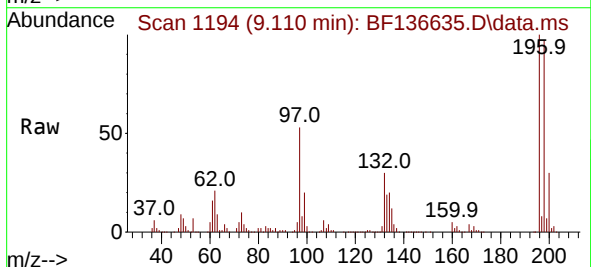
APPROVED

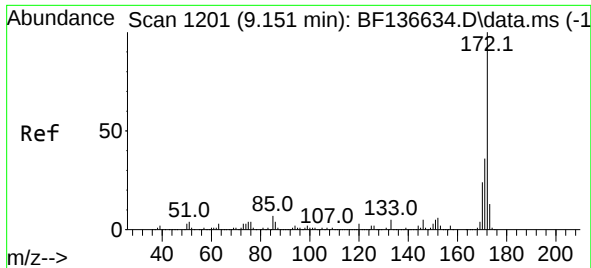
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#44
2,4,5-Trichlorophenol
Concen: 47.611 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:196 Resp: 163658
Ion Ratio Lower Upper
196 100
198 96.6 75.4 113.0
97 52.8 41.0 61.6
132 29.6 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 92.878 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

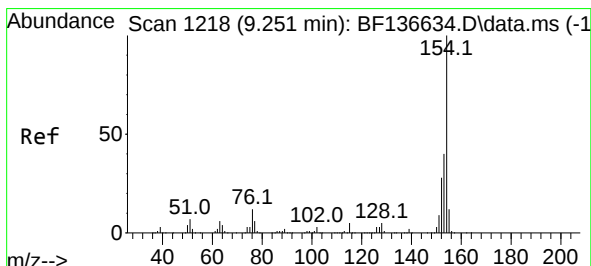
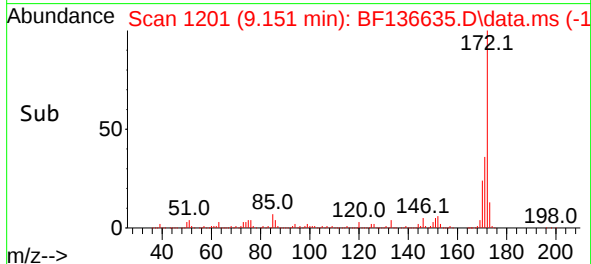
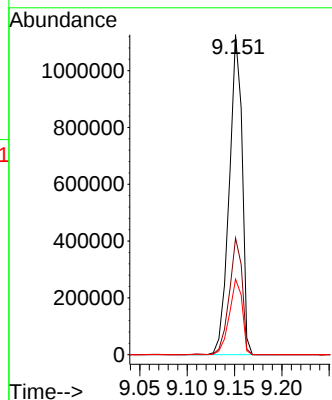
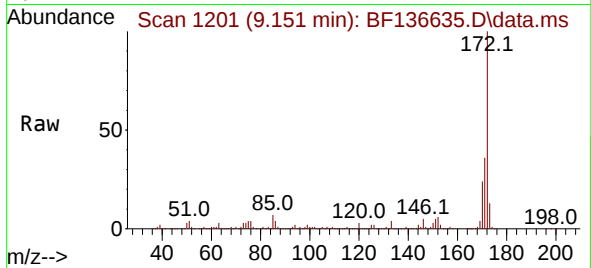
SSTDICC050

Tgt Ion:172 Resp: 1065118
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 23.6 18.9 28.3

Manual Integrations

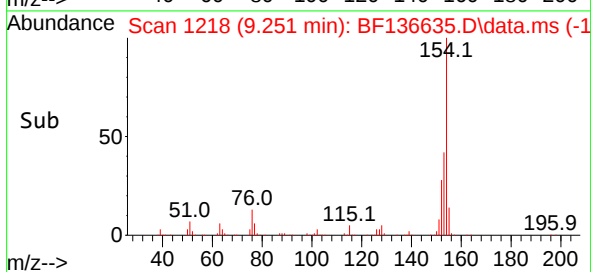
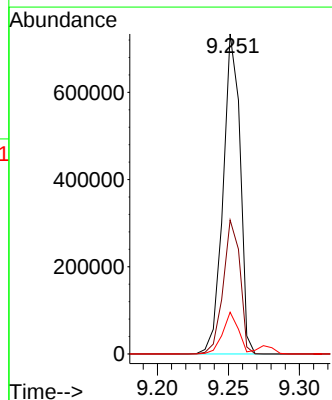
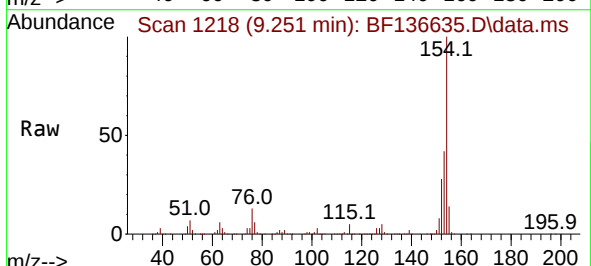
APPROVED

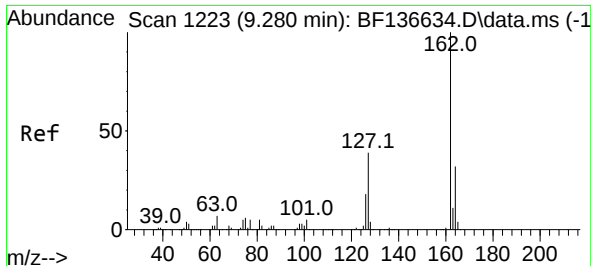
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#46
1,1'-Biphenyl
Concen: 46.541 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:154 Resp: 609607
Ion Ratio Lower Upper
154 100
153 41.8 20.5 60.5
76 13.0 0.0 32.2





#47

2-Chloronaphthalene

Concen: 47.359 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

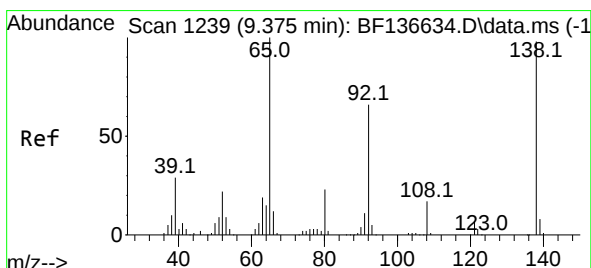
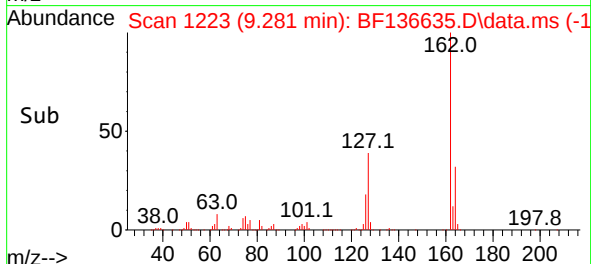
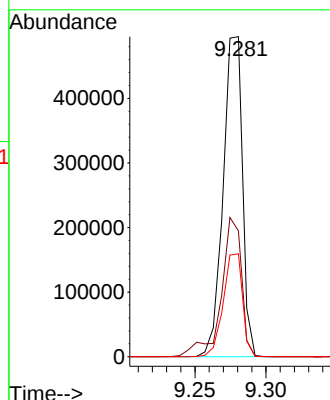
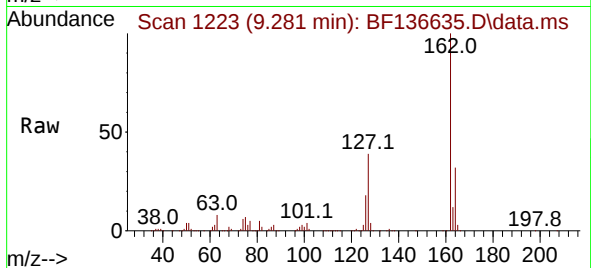
SSTDICC050

Tgt Ion:162 Resp: 468439
 Ion Ratio Lower Upper
 162 100
 127 39.3 31.8 47.6
 164 32.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023



#48

2-Nitroaniline

Concen: 48.239 ng

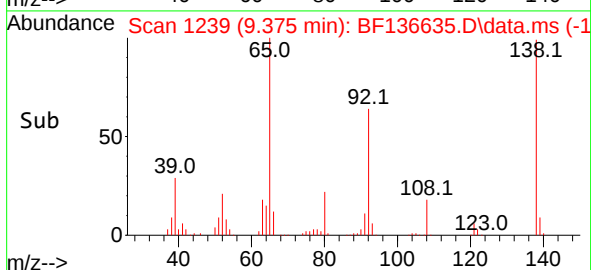
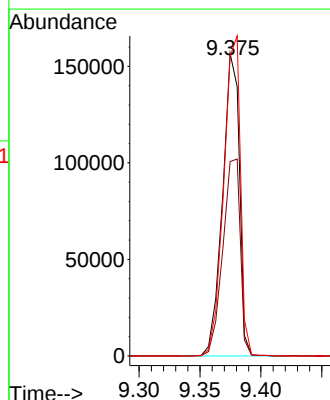
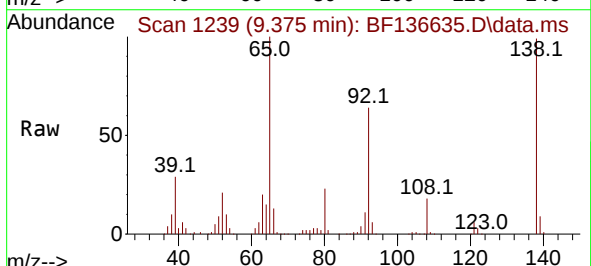
RT: 9.375 min Scan# 1239

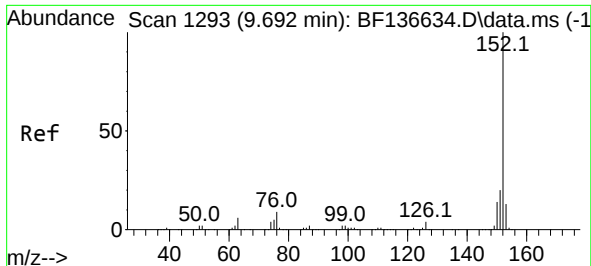
Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Tgt Ion: 65 Resp: 150870
 Ion Ratio Lower Upper
 65 100
 92 64.3 52.6 79.0
 138 99.1 78.2 117.2





#49

Acenaphthylene

Concen: 46.916 ng

RT: 9.692 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF136635.D

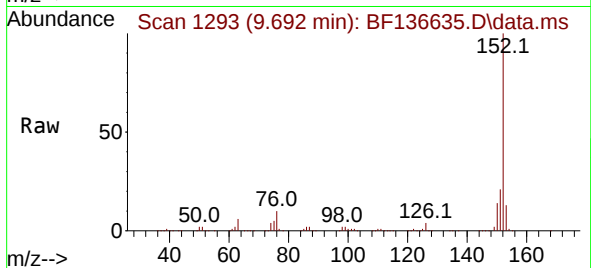
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



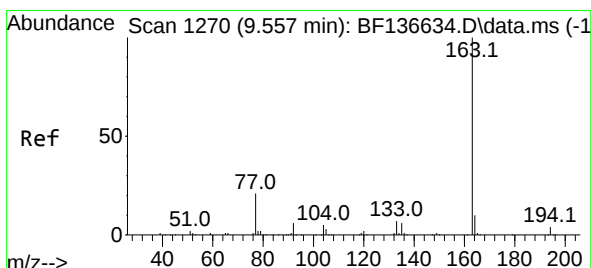
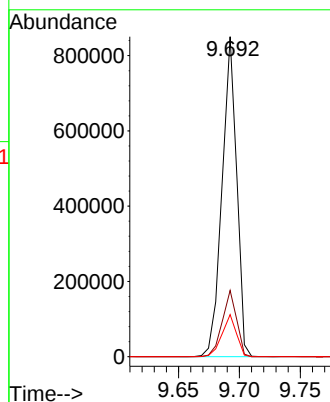
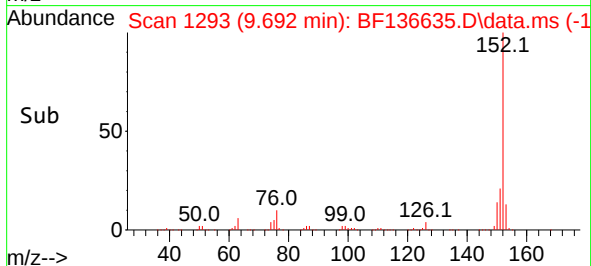
Tgt Ion:	152	Resp:	712650
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.1	24.1
153	13.2	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#50

Dimethylphthalate

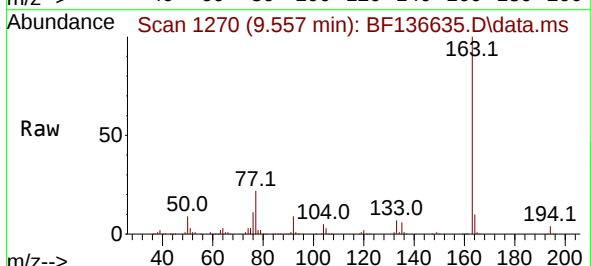
Concen: 47.115 ng

RT: 9.557 min Scan# 1270

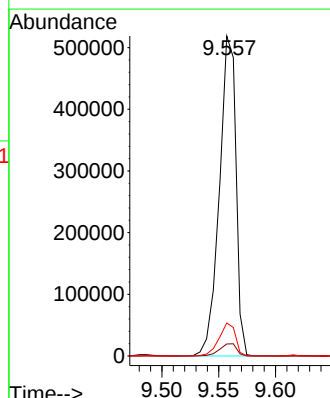
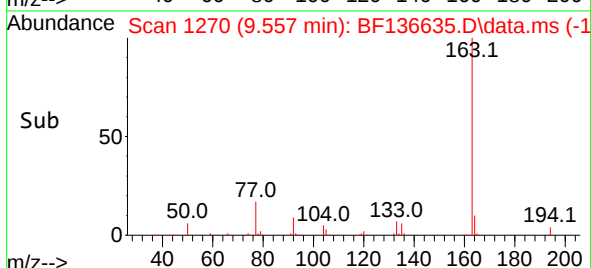
Delta R.T. 0.000 min

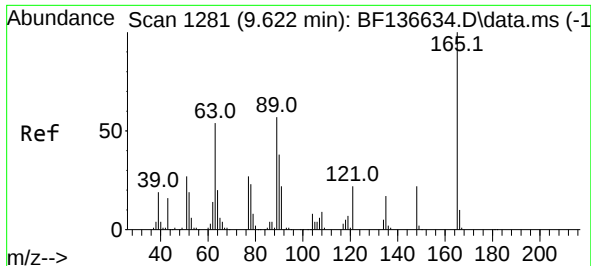
Lab File: BF136635.D

Acq: 19 Dec 2023 17:40



Tgt Ion:	163	Resp:	529371
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.2	4.8
164	10.3	8.2	12.4





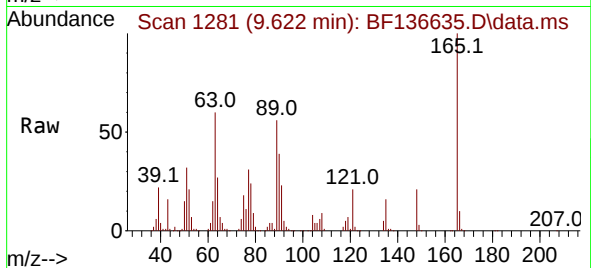
#51
2,6-Dinitrotoluene
Concen: 47.552 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

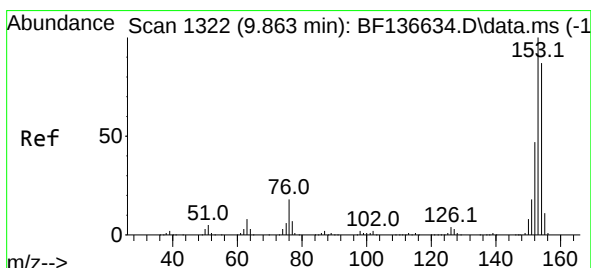
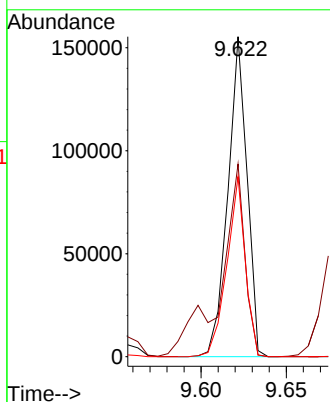
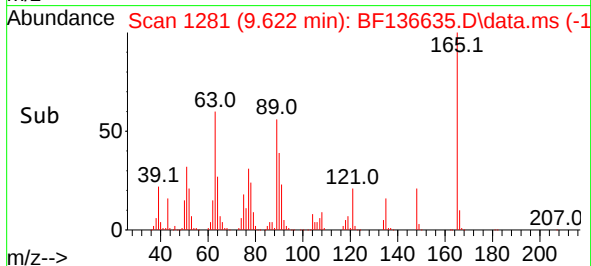


Tgt Ion:165 Resp: 121749
Ion Ratio Lower Upper
165 100
63 60.2 47.3 70.9
89 56.3 45.5 68.3

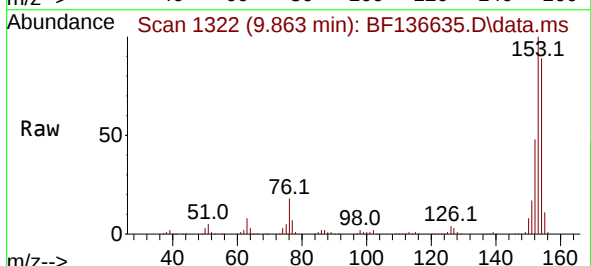
Manual Integrations

APPROVED

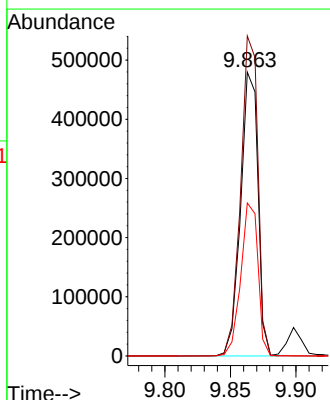
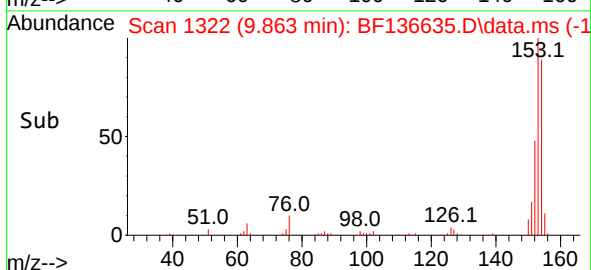
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

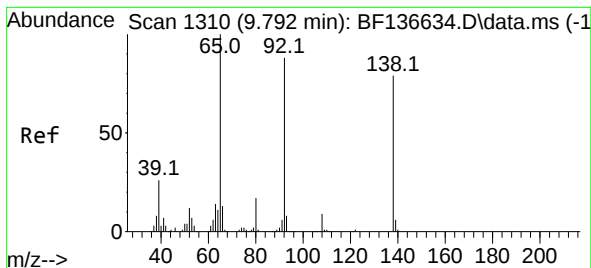


#52
Acenaphthene
Concen: 47.162 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



Tgt Ion:154 Resp: 442974
Ion Ratio Lower Upper
154 100
153 112.8 92.3 138.5
152 53.9 43.4 65.0





#53

3-Nitroaniline

Concen: 47.192 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:138 Resp: 12981

Ion Ratio Lower Upper

138 100

108 11.2 8.8 13.2

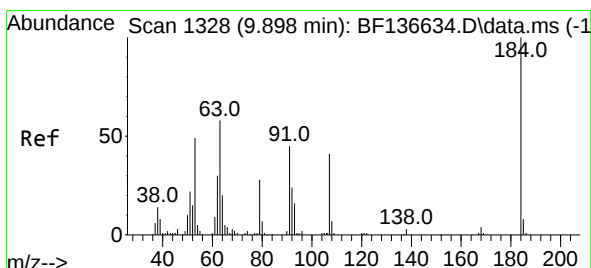
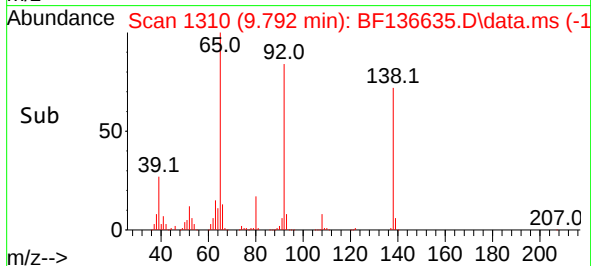
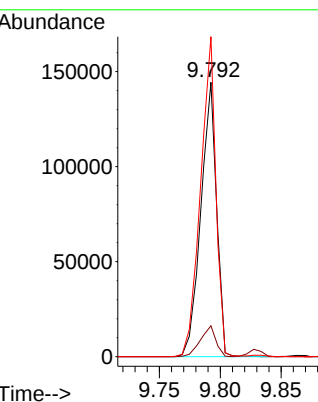
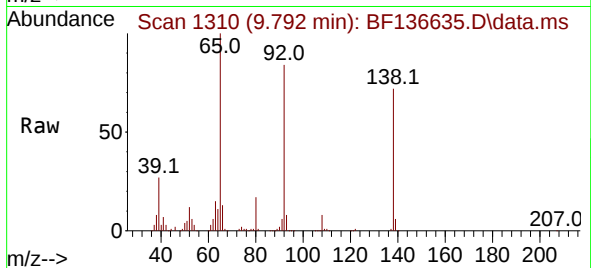
92 116.6 89.7 134.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#54

2,4-Dinitrophenol

Concen: 51.278 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

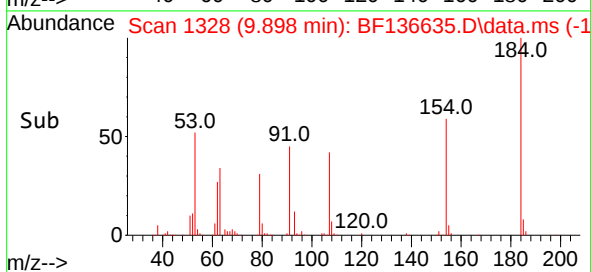
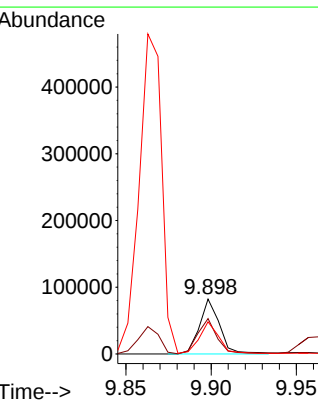
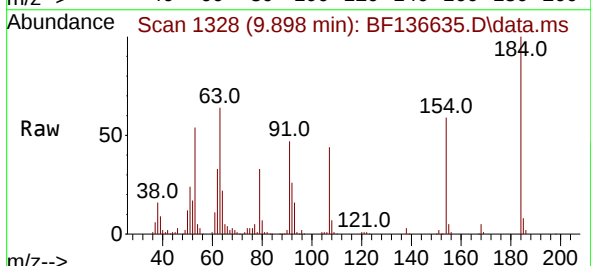
Tgt Ion:184 Resp: 66961

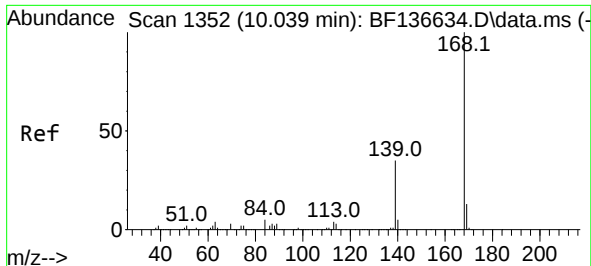
Ion Ratio Lower Upper

184 100

63 64.5 48.5 72.7

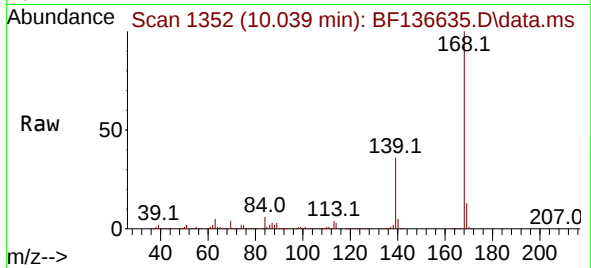
154 58.6 45.9 68.9





#55
Dibenzenofuran
Concen: 46.510 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

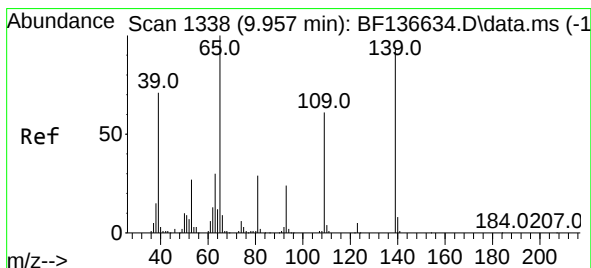
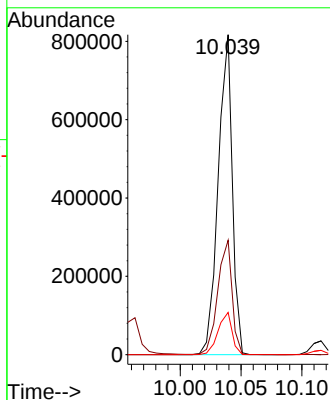
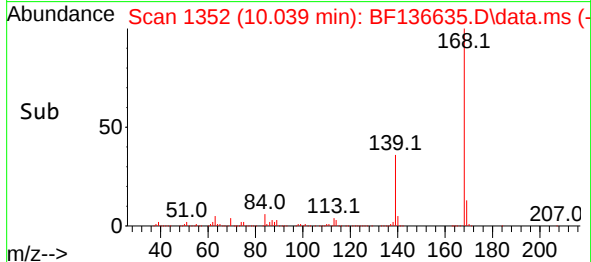
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



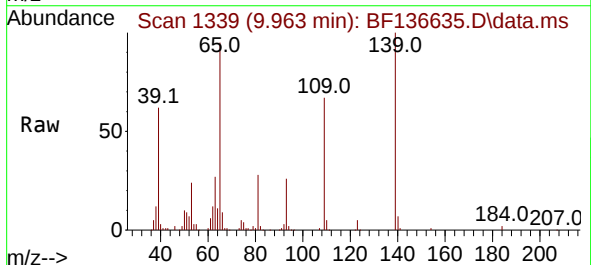
Tgt Ion:168 Resp: 658628
Ion Ratio Lower Upper
168 100
139 35.7 27.8 41.8
169 13.2 10.2 15.2

Manual Integrations
APPROVED

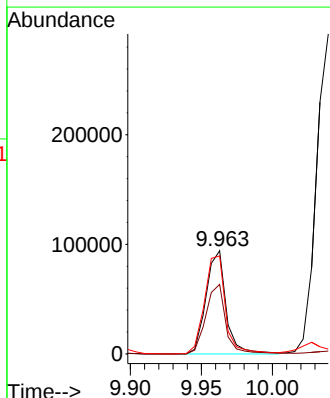
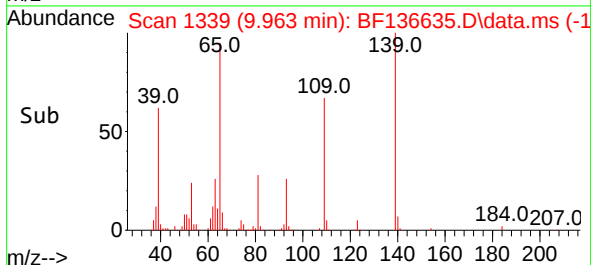
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

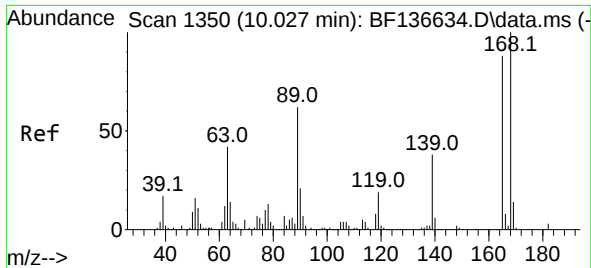


#56
4-Nitrophenol
Concen: 49.248 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



Tgt Ion:139 Resp: 92393
Ion Ratio Lower Upper
139 100
109 67.5 46.2 86.2
65 95.0 87.8 127.8





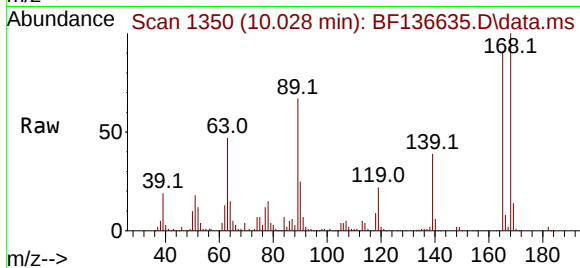
#57
2,4-Dinitrotoluene
Concen: 47.836 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

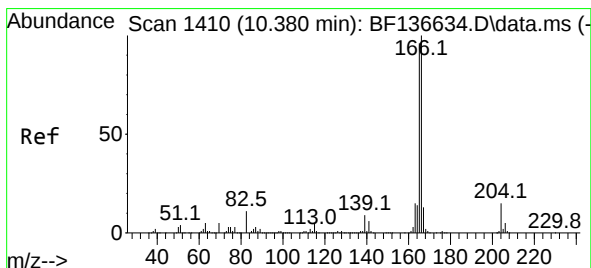
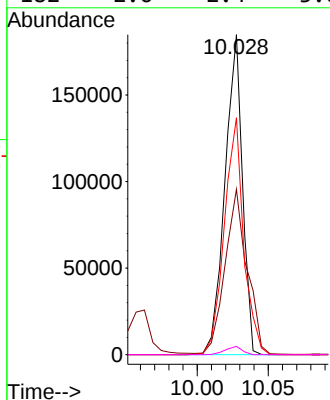
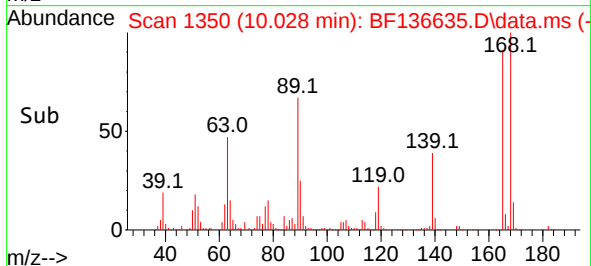


Tgt Ion:165 Resp: 157694
Ion Ratio Lower Upper
165 100
63 51.7 38.4 57.6
89 74.1 56.2 84.4
182 2.6 2.4 3.6

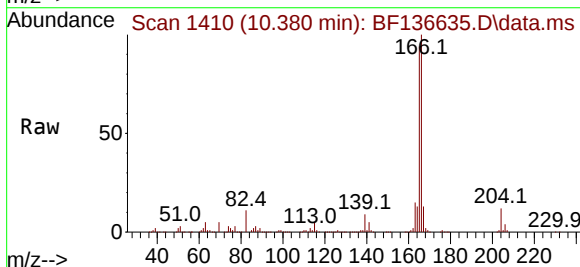
Manual Integrations

APPROVED

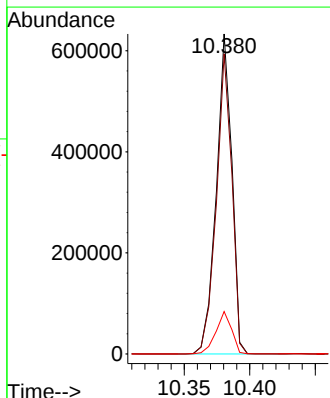
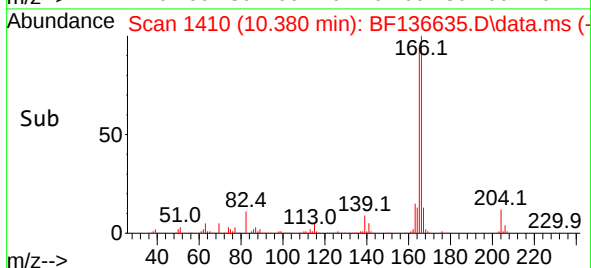
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

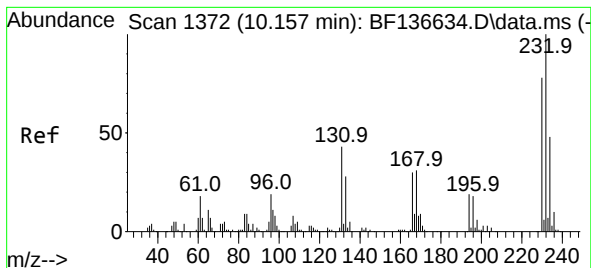


#58
Fluorene
Concen: 46.333 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



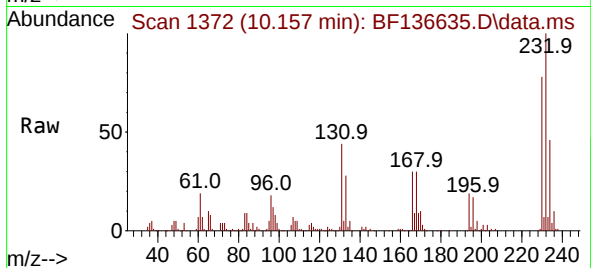
Tgt Ion:166 Resp: 520827
Ion Ratio Lower Upper
166 100
165 93.8 77.0 115.6
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.906 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

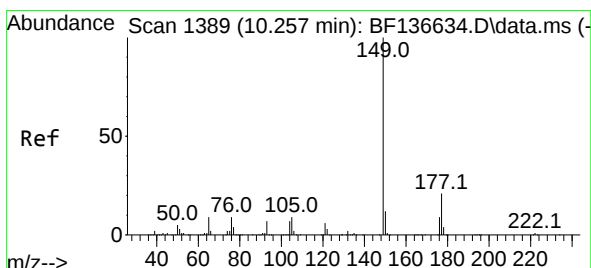
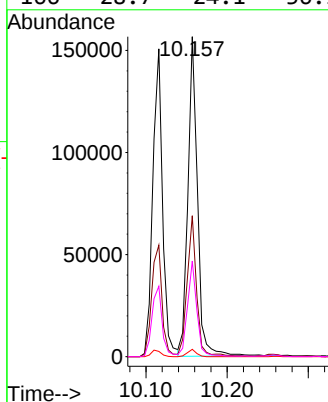
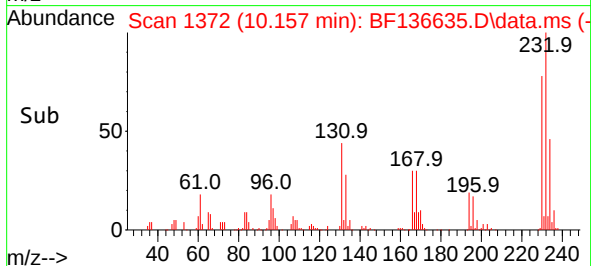
Instrument :
BNA_F
Client Sample Id :
SSTDICC050



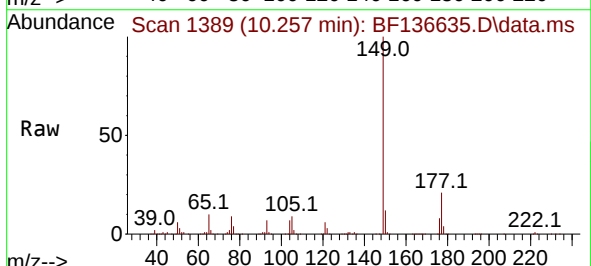
Tgt Ion:232 Resp: 12819
Ion Ratio Lower Upper
232 100
131 42.7 33.7 50.5
130 2.2 1.7 2.5
166 28.7 24.1 36.1

Manual Integrations
APPROVED

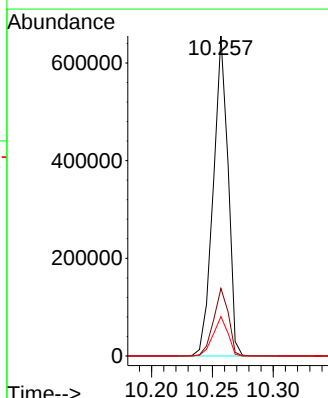
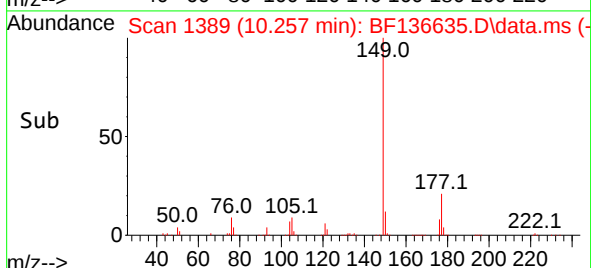
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

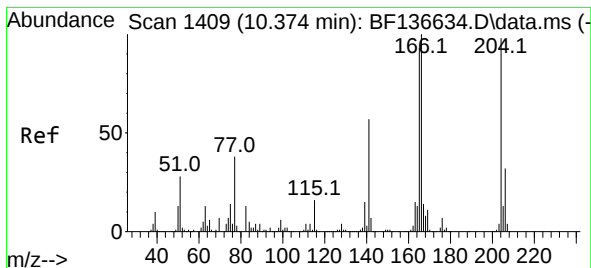


#60
Diethylphthalate
Concen: 47.126 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



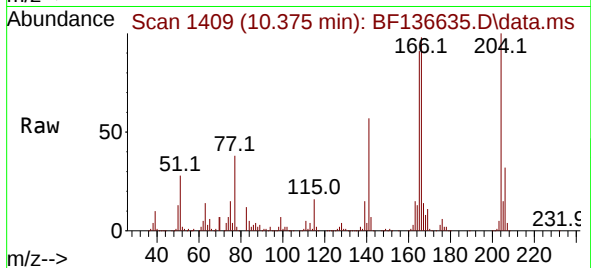
Tgt Ion:149 Resp: 550591
Ion Ratio Lower Upper
149 100
177 21.1 16.9 25.3
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.661 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

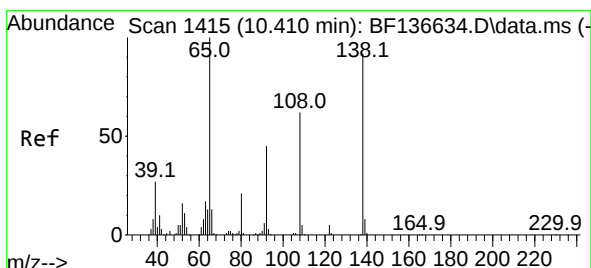
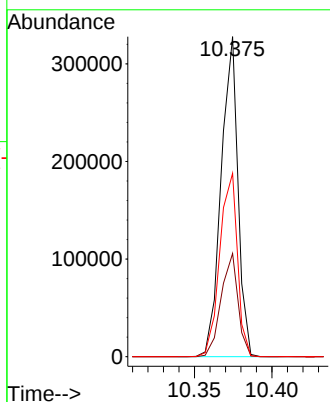
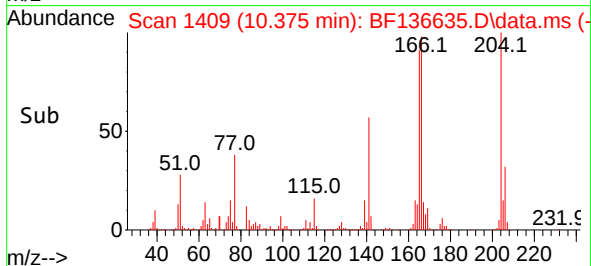
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



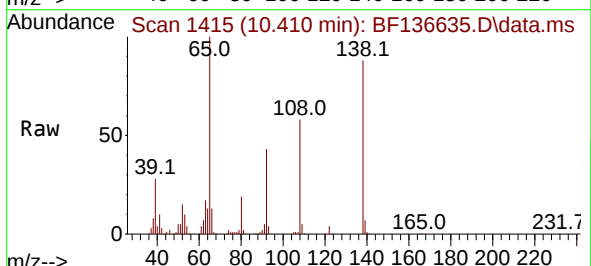
Tgt Ion:204 Resp: 24719
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 57.3 46.2 69.4

Manual Integrations
APPROVED

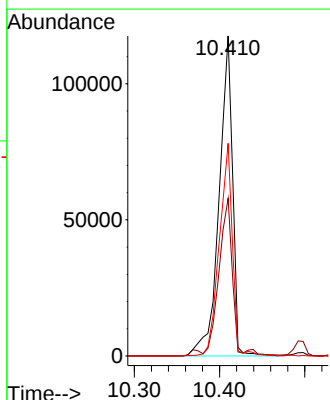
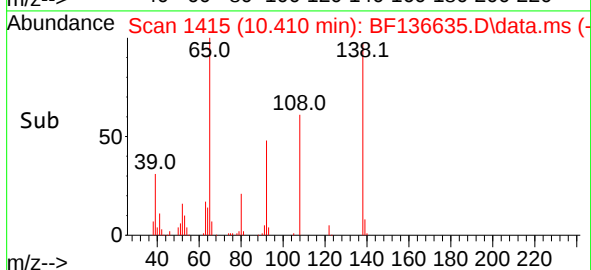
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

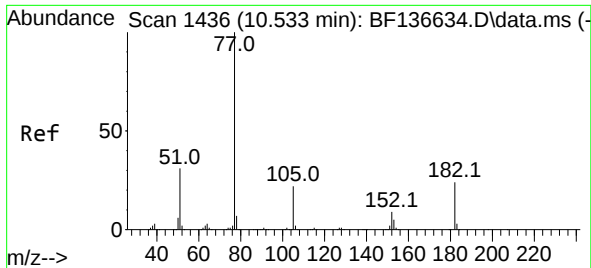


#62
4-Nitroaniline
Concen: 47.605 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



Tgt Ion:138 Resp: 129559
Ion Ratio Lower Upper
138 100
92 49.3 28.8 68.8
108 66.4 47.2 87.2





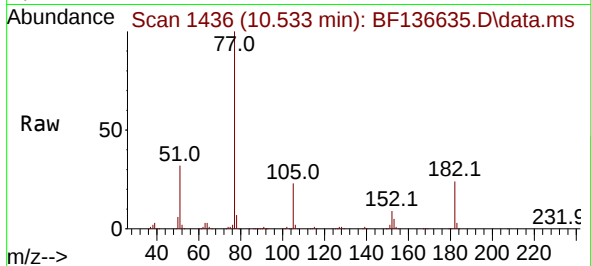
#63
Azobenzene
Concen: 47.595 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



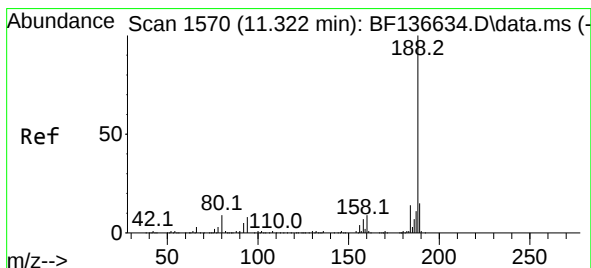
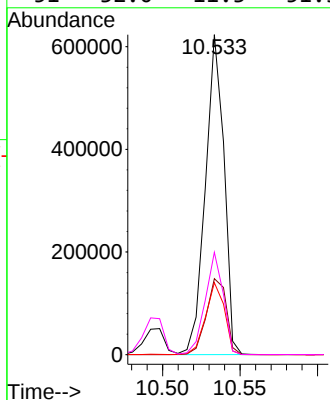
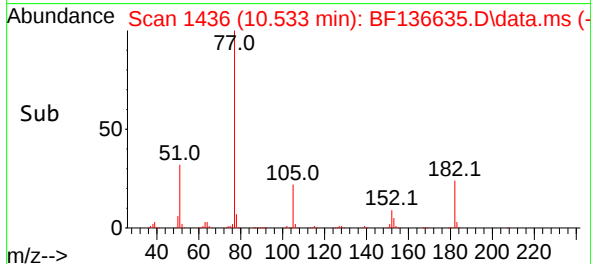
Tgt Ion: 77 Resp: 519498
Ion Ratio Lower Upper
77 100
182 23.8 3.7 43.7
105 22.5 1.5 41.5
51 32.0 11.3 51.3

Manual Integrations

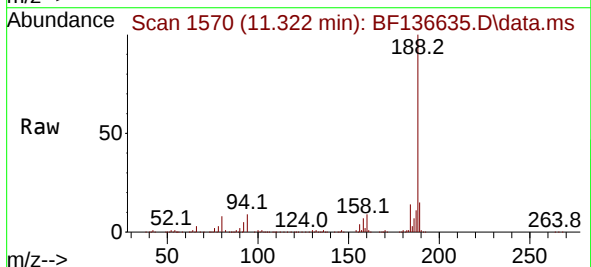
APPROVED

Reviewed By :Yogesh Patel 12/20/2023

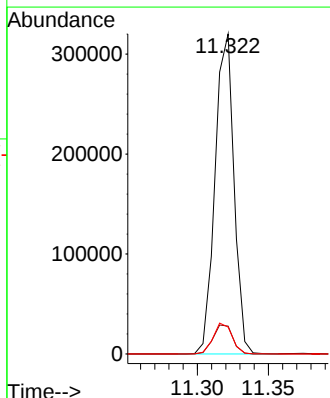
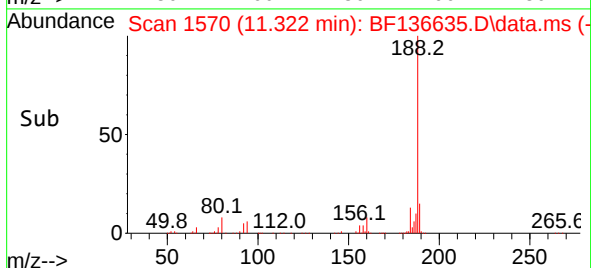
Supervised By :mohammad ahmed 12/20/2023

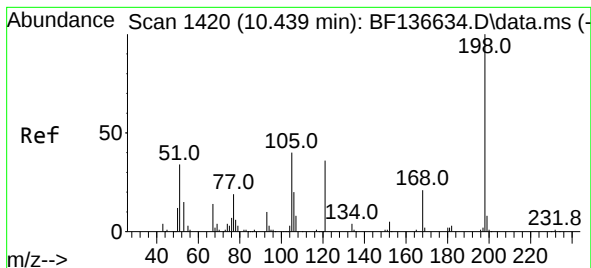


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



Tgt Ion:188 Resp: 296672
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 8.4 7.0 10.4





#65
4,6-Dinitro-2-methylphenol
Concen: 51.407 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

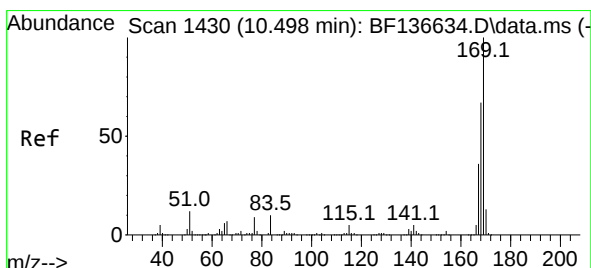
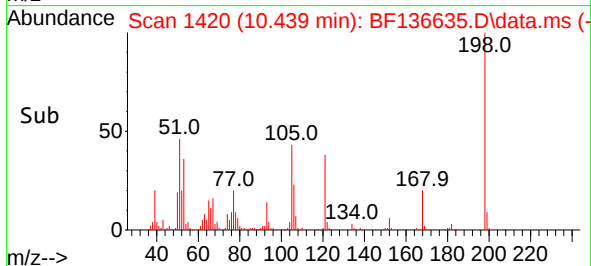
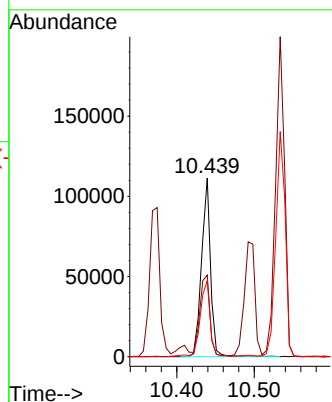
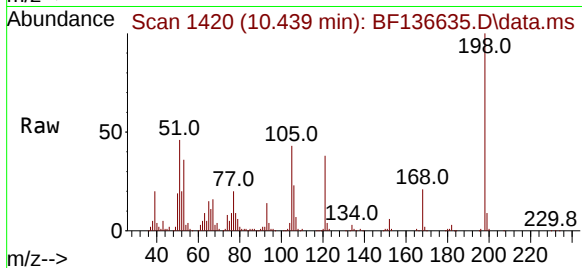
SSTDICC050

Tgt Ion:198 Resp: 90040
Ion Ratio Lower Upper
198 100
51 45.7 20.2 60.2
105 42.5 20.6 60.6

Manual Integrations

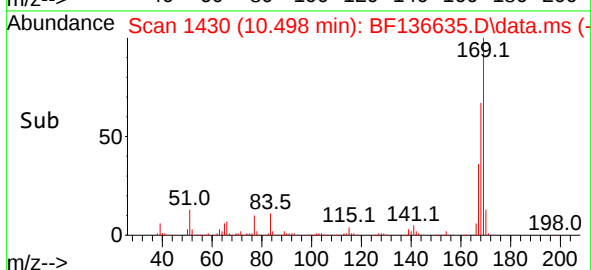
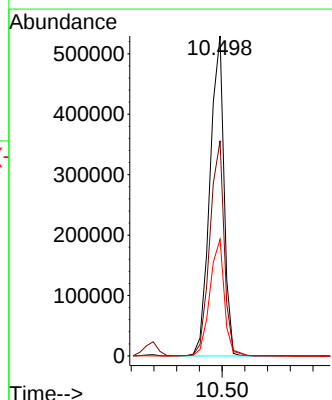
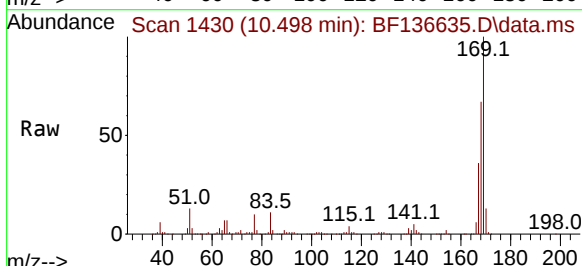
APPROVED

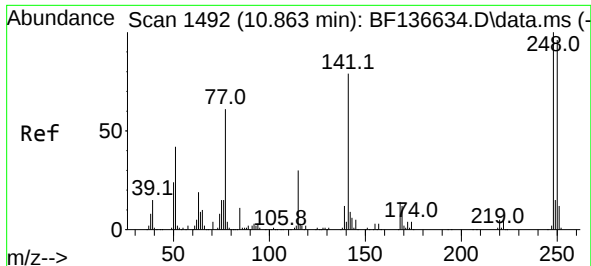
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#66
n-Nitrosodiphenylamine
Concen: 46.493 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

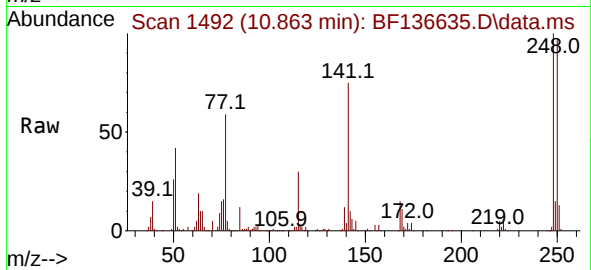
Tgt Ion:169 Resp: 453285
Ion Ratio Lower Upper
169 100
168 67.3 53.7 80.5
167 36.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 47.151 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

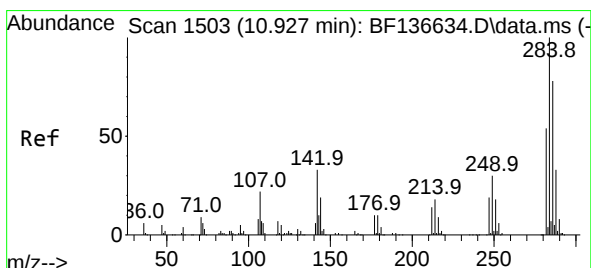
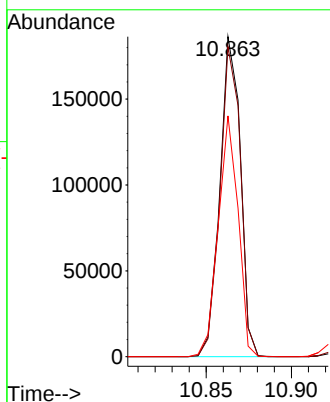
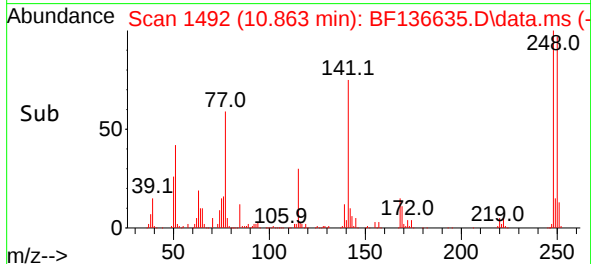
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



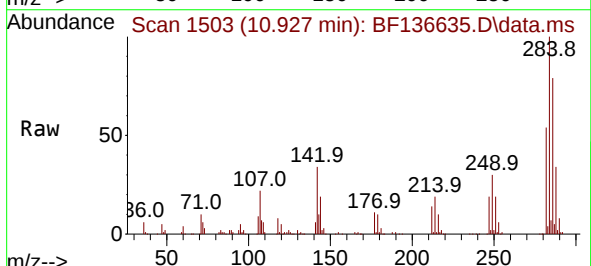
Tgt Ion:248 Resp: 15634
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.4
141 75.2 63.0 94.4

Manual Integrations
APPROVED

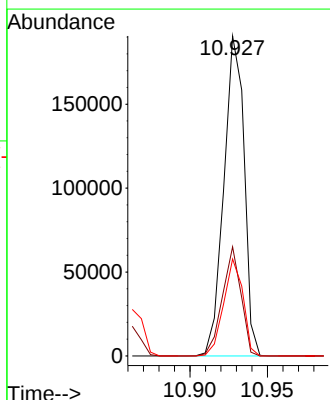
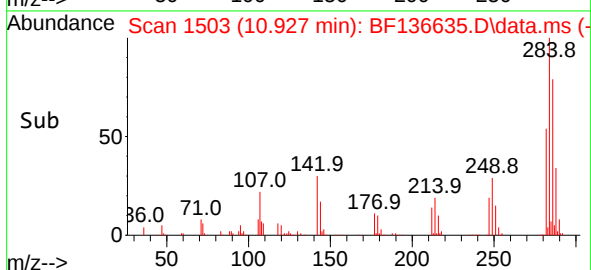
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

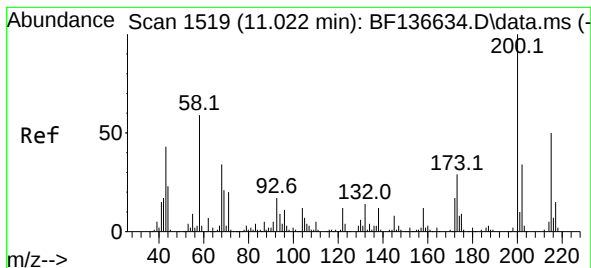


#68
Hexachlorobenzene
Concen: 46.863 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



Tgt Ion:284 Resp: 173380
Ion Ratio Lower Upper
284 100
142 34.1 26.6 40.0
249 30.3 23.9 35.9





#69

Atrazine

Concen: 36.431 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

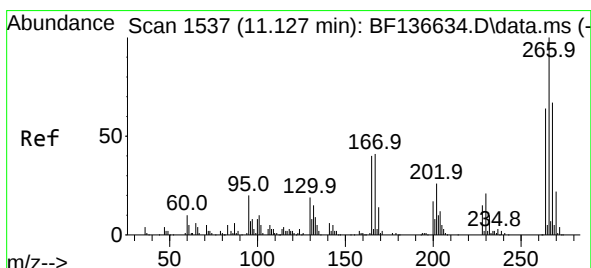
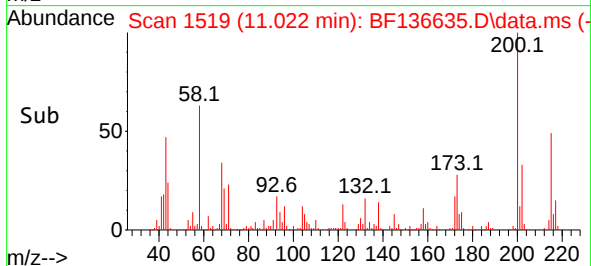
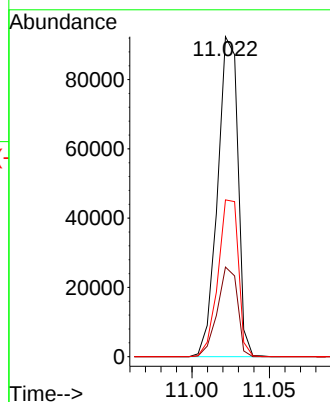
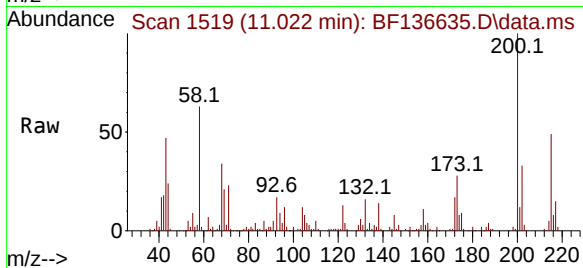
Tgt Ion:200 Resp: 84395
 Ion Ratio Lower Upper
 200 100
 173 28.0 8.8 48.8
 215 49.0 29.7 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#70

Pentachlorophenol

Concen: 49.489 ng

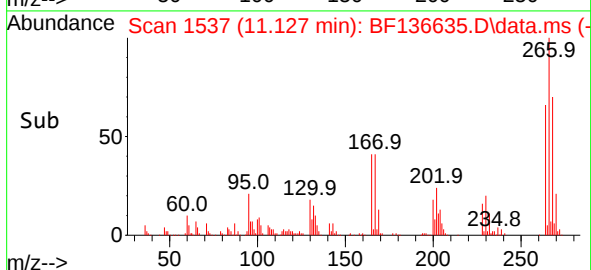
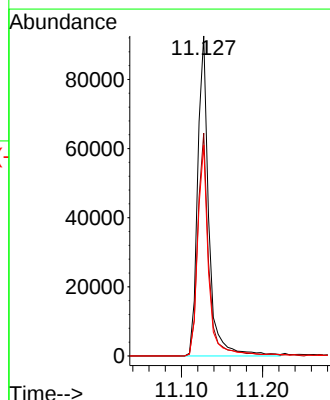
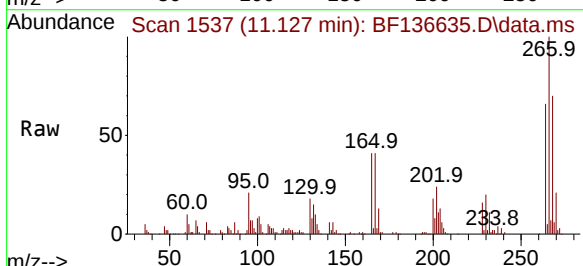
RT: 11.127 min Scan# 1537

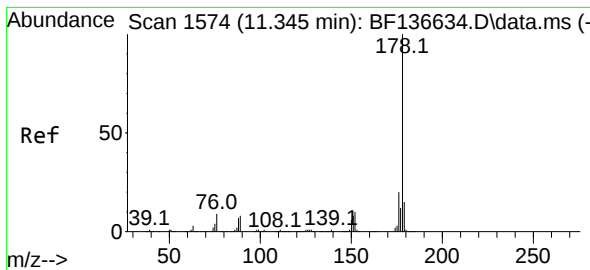
Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Tgt Ion:266 Resp: 88995
 Ion Ratio Lower Upper
 266 100
 268 69.7 53.6 80.4
 264 65.9 51.3 76.9





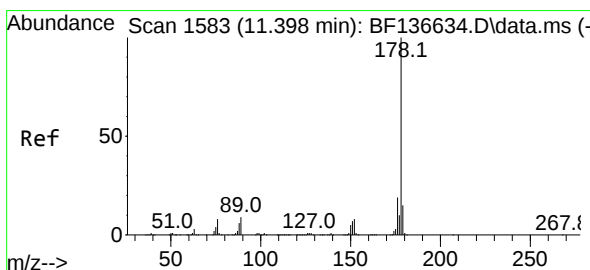
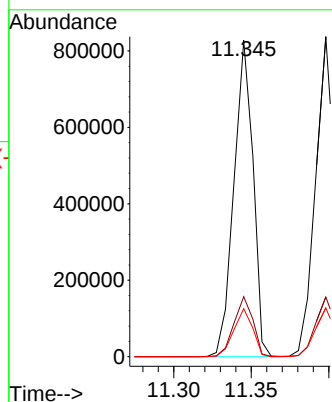
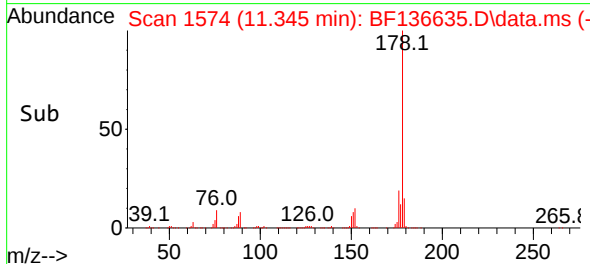
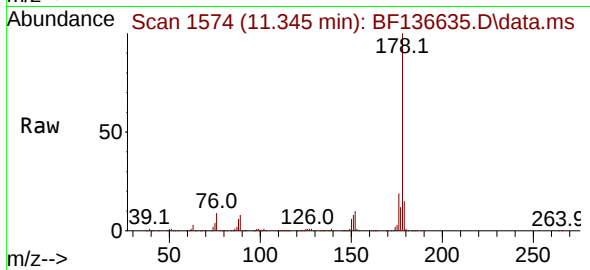
#71
Phenanthrene
Concen: 46.321 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 709800
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.2 11.9 17.9

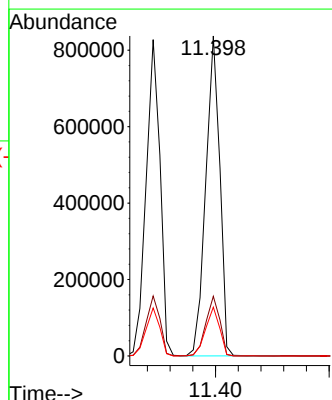
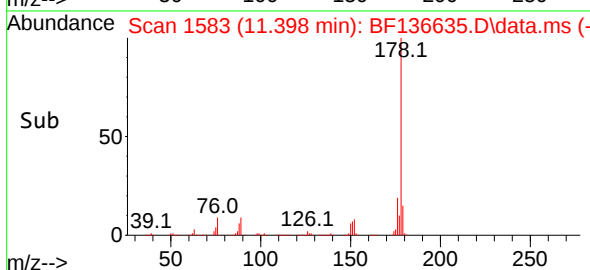
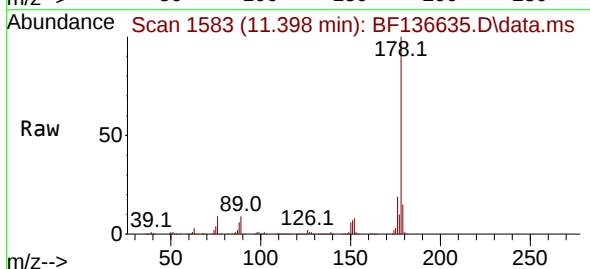
Manual Integrations
APPROVED

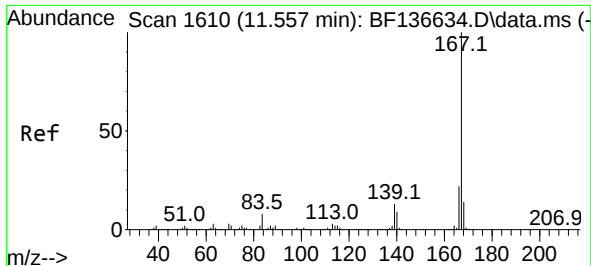
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#72
Anthracene
Concen: 46.158 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

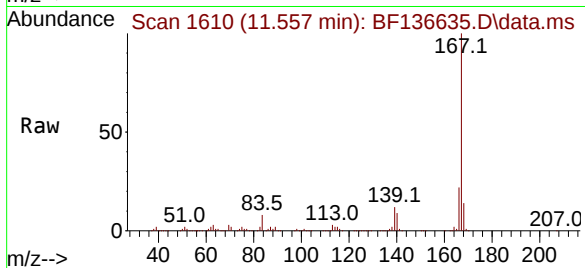
Tgt Ion:178 Resp: 715092
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.3 12.0 18.0





#73
 Carbazole
 Concen: 45.313 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF136635.D
 Acq: 19 Dec 2023 17:40

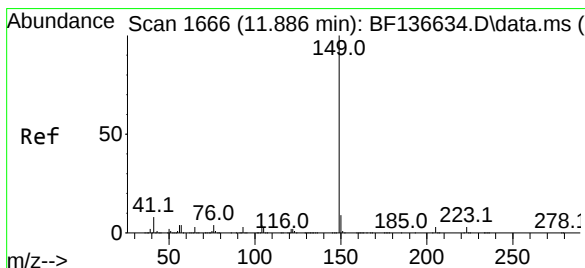
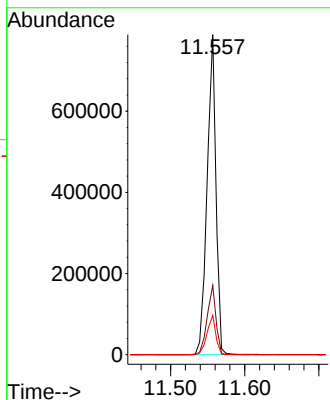
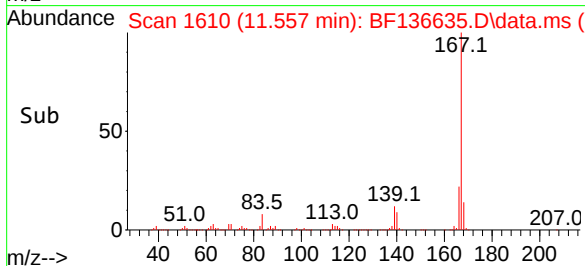
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



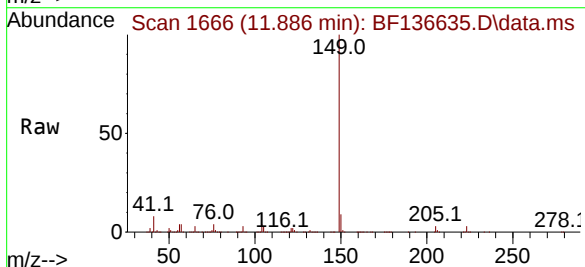
Tgt Ion:167 Resp: 657634
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.3 10.0 15.0

Manual Integrations
 APPROVED

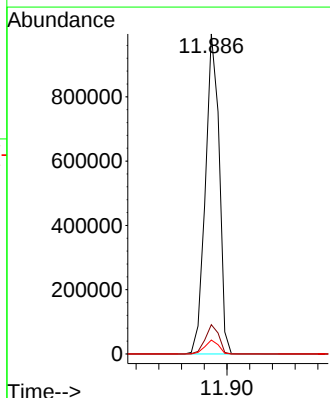
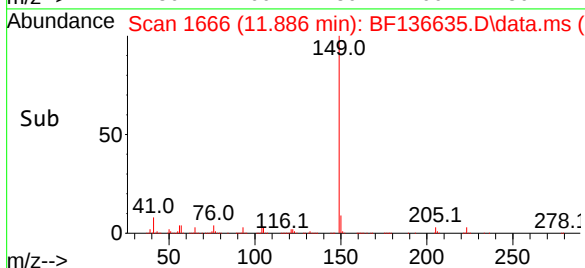
Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

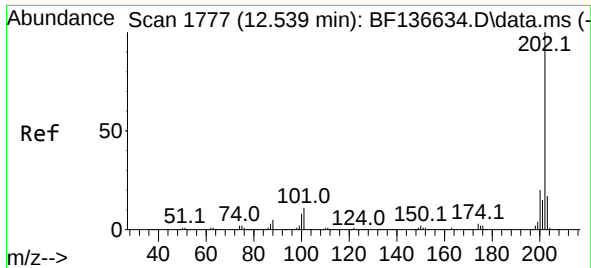


#74
 Di-n-butylphthalate
 Concen: 47.245 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF136635.D
 Acq: 19 Dec 2023 17:40



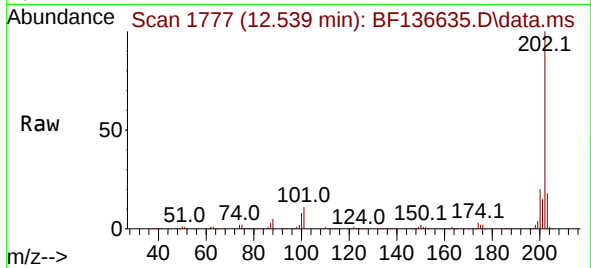
Tgt Ion:149 Resp: 837764
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 44.957 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

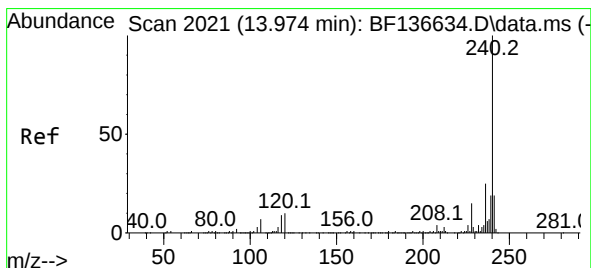
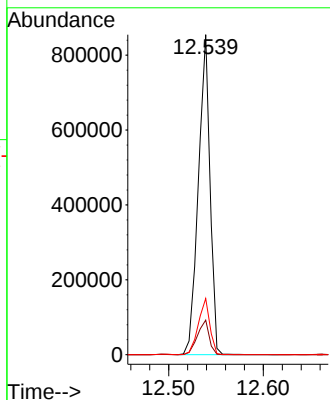
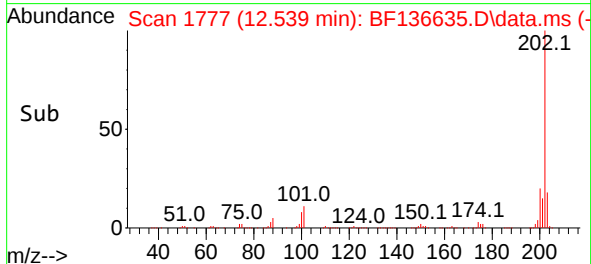
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



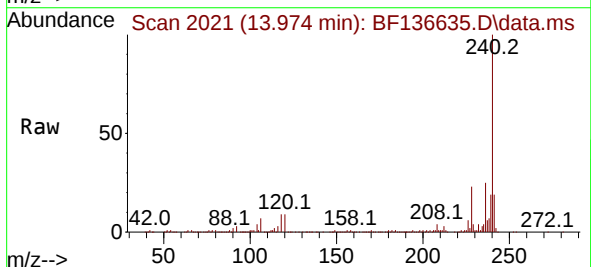
Tgt Ion:202 Resp: 734139
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.2
203 17.5 0.0 37.4

Manual Integrations
APPROVED

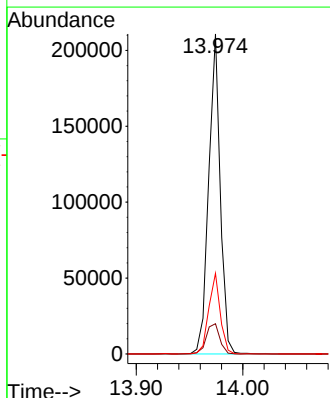
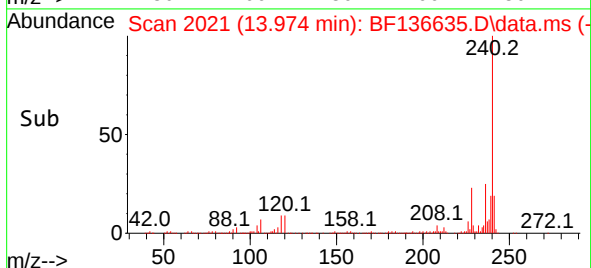
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

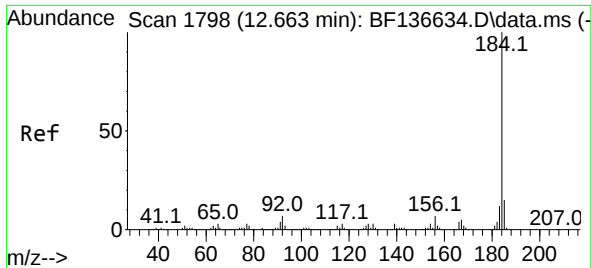


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



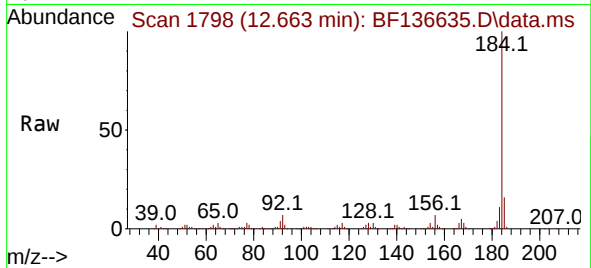
Tgt Ion:240 Resp: 158977
Ion Ratio Lower Upper
240 100
120 9.4 7.6 11.4
236 25.2 20.2 30.2





#77
Benzidine
Concen: 35.351 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

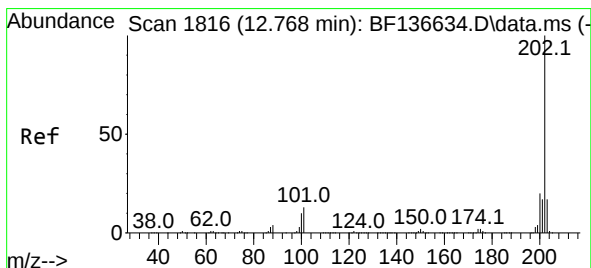
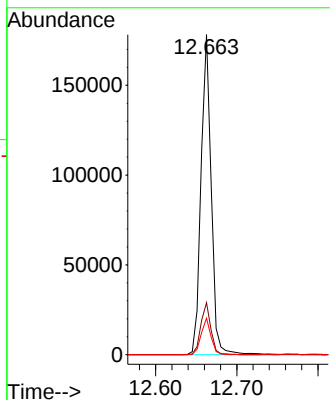
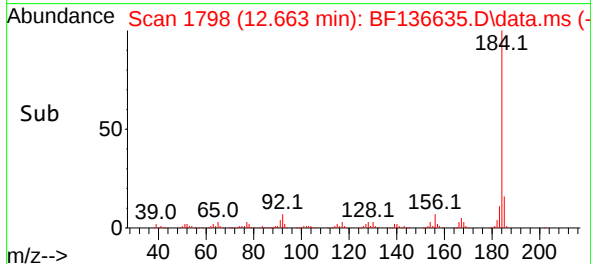
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 155384
Ion Ratio Lower Upper
184 100
185 16.2 11.7 17.5
183 11.4 9.5 14.3

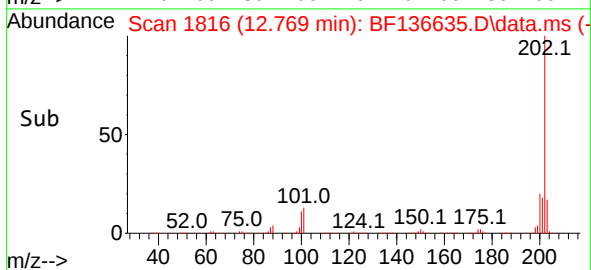
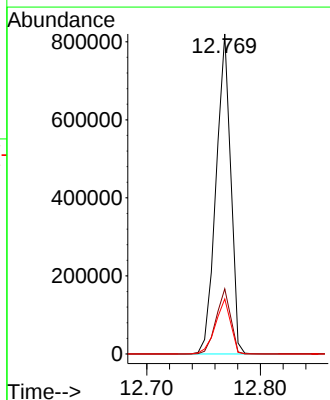
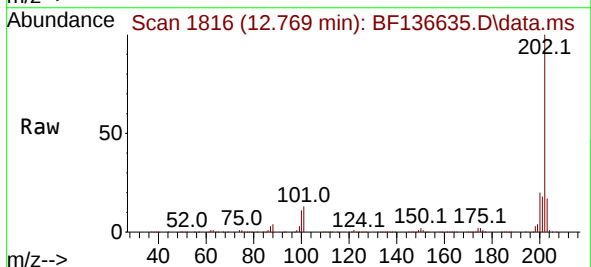
Manual Integrations
APPROVED

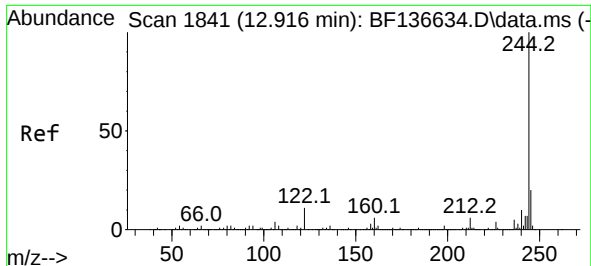
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#78
Pyrene
Concen: 46.884 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:202 Resp: 735274
Ion Ratio Lower Upper
202 100
200 20.3 15.9 23.9
203 17.2 13.4 20.2





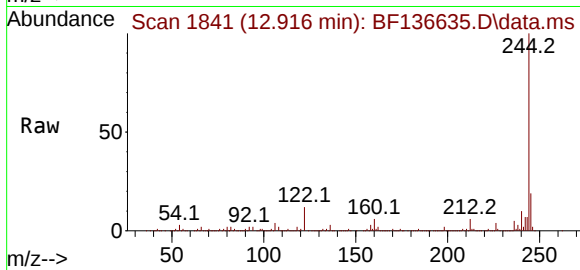
#79
 Terphenyl-d14
 Concen: 92.765 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF136635.D
 Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

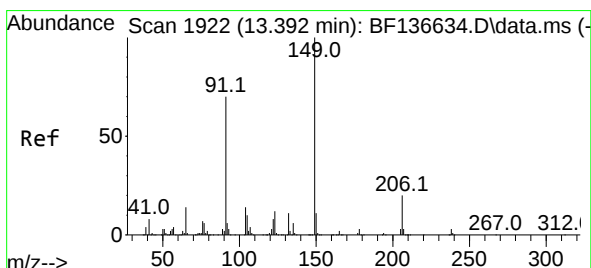
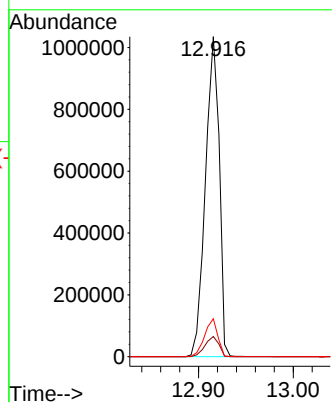
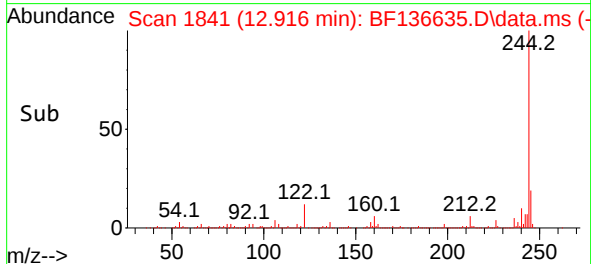


Tgt Ion:244 Resp: 1047283
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.9 9.2 13.8

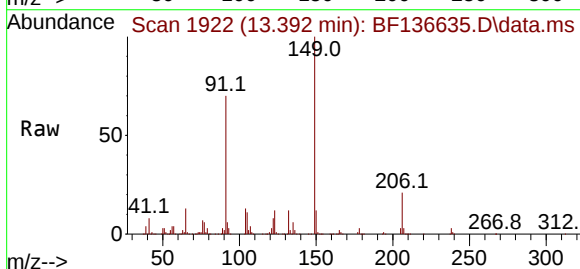
Manual Integrations

APPROVED

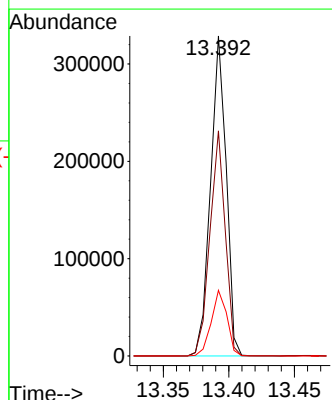
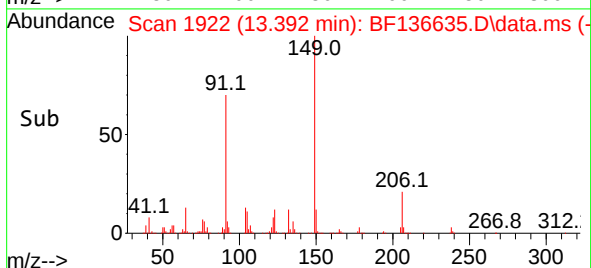
Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

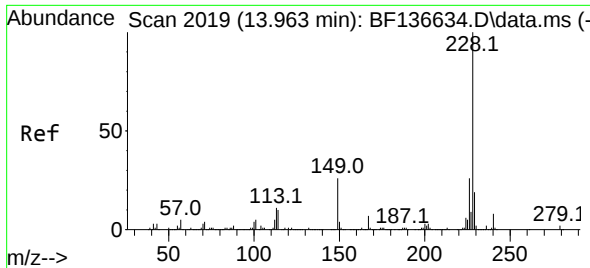


#80
 Butylbenzylphthalate
 Concen: 49.072 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF136635.D
 Acq: 19 Dec 2023 17:40



Tgt Ion:149 Resp: 273216
 Ion Ratio Lower Upper
 149 100
 91 70.4 56.0 84.0
 206 20.5 16.2 24.4





#81
Benzo(a)anthracene
Concen: 45.672 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

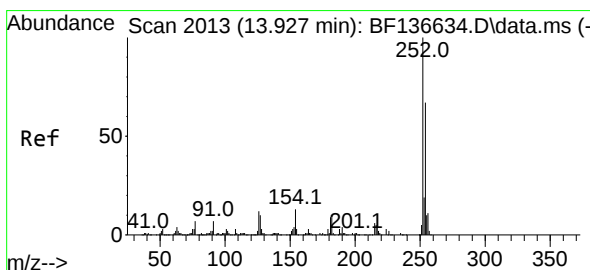
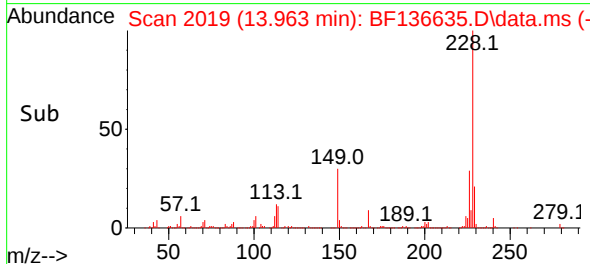
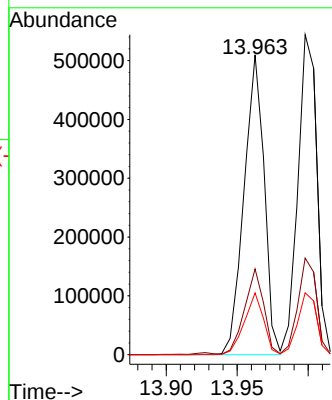
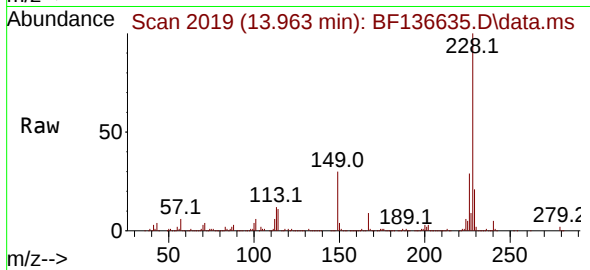
SSTDICC050

Tgt Ion:228 Resp: 50341
Ion Ratio Lower Upper
228 100
226 28.6 21.2 31.8
229 20.6 15.4 23.0

Manual Integrations

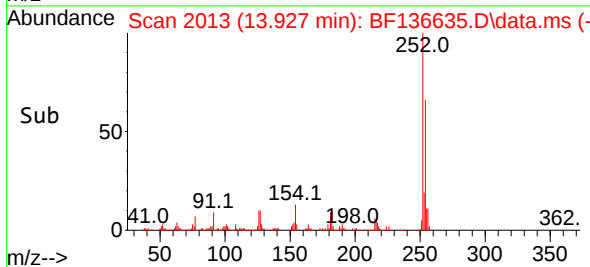
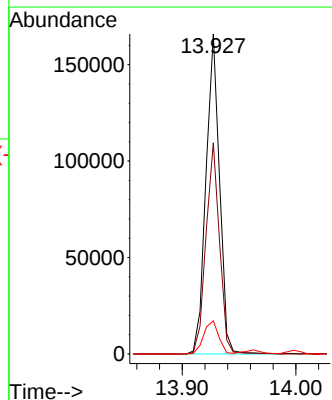
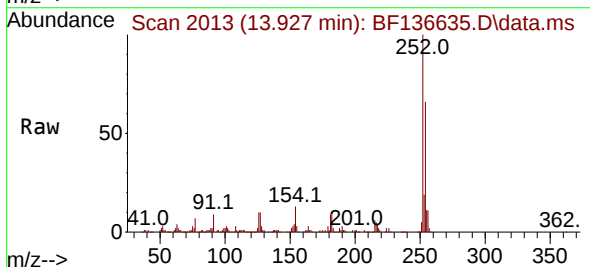
APPROVED

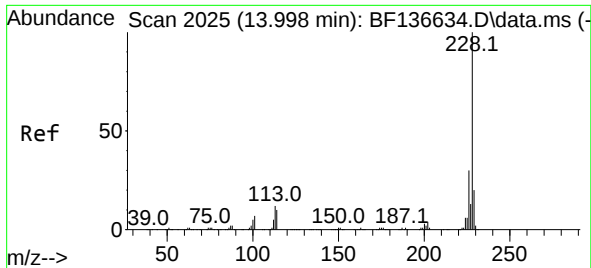
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#82
3,3'-Dichlorobenzidine
Concen: 46.028 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:252 Resp: 137400
Ion Ratio Lower Upper
252 100
254 66.0 53.4 80.0
126 10.4 9.4 14.2





#83
Chrysene
Concen: 47.187 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

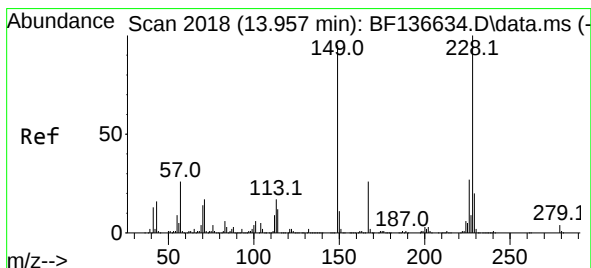
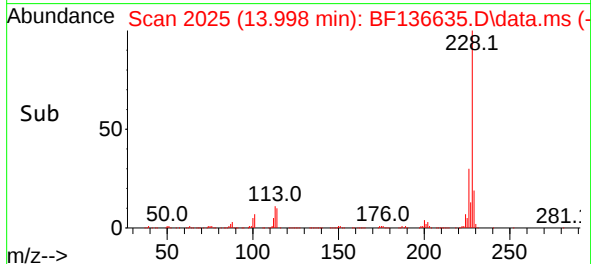
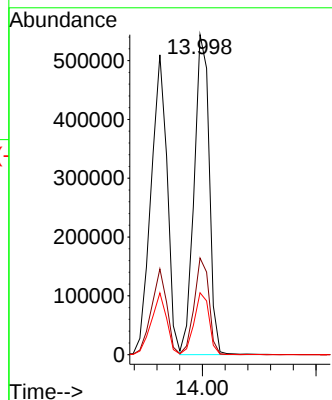
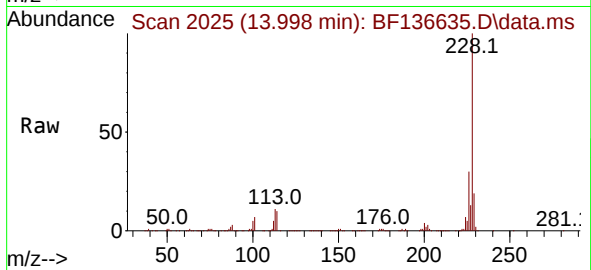
SSTDICC050

Tgt Ion:228 Resp: 502500
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.3 15.8 23.8

Manual Integrations

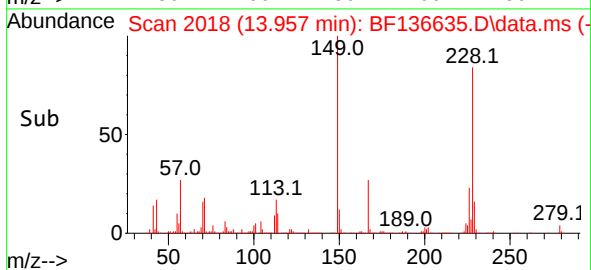
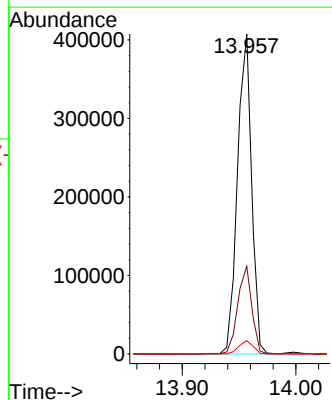
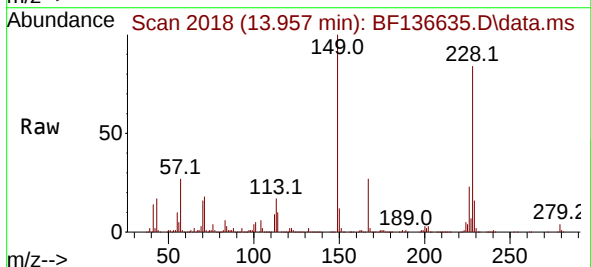
APPROVED

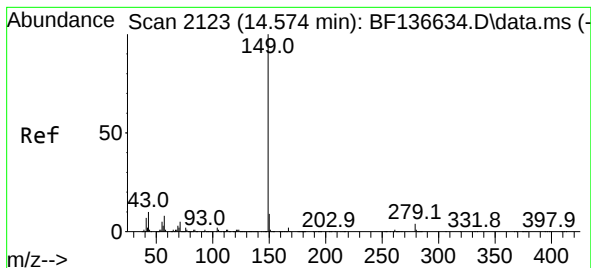
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.511 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:149 Resp: 351511
Ion Ratio Lower Upper
149 100
167 27.4 21.5 32.3
279 4.1 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 52.496 ng

RT: 14.574 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:149 Resp: 569362

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

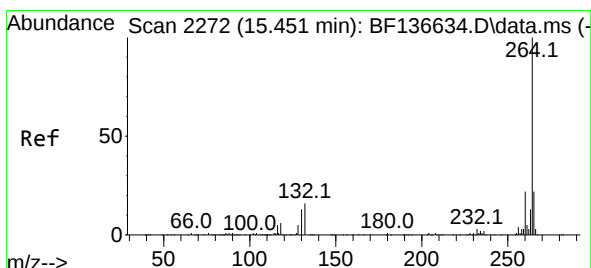
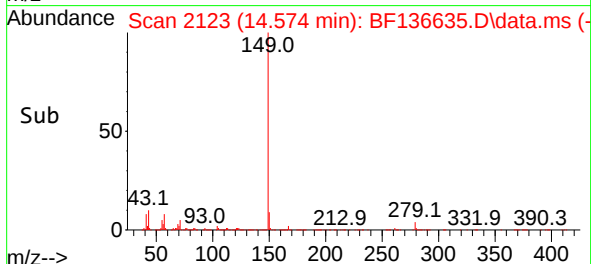
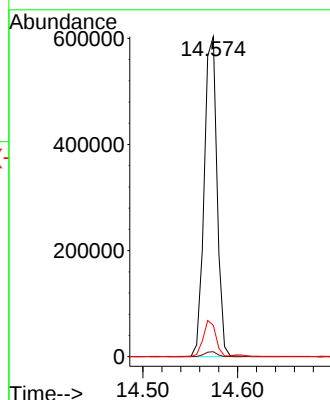
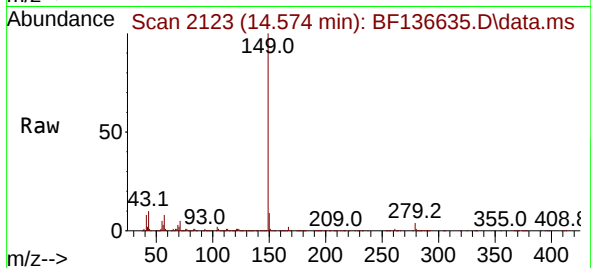
43 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.000 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

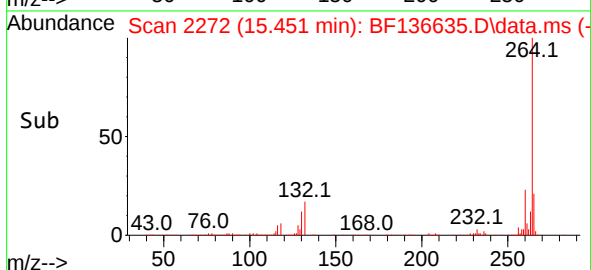
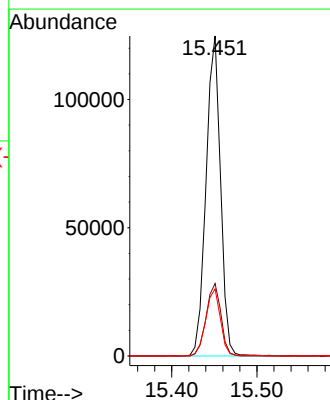
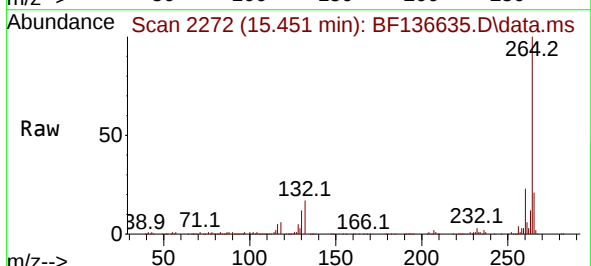
Tgt Ion:264 Resp: 147152

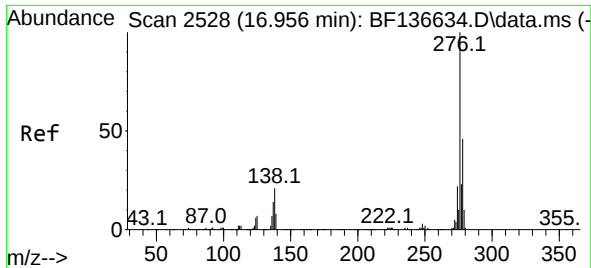
Ion Ratio Lower Upper

264 100

260 22.7 17.9 26.9

265 21.0 17.4 26.2





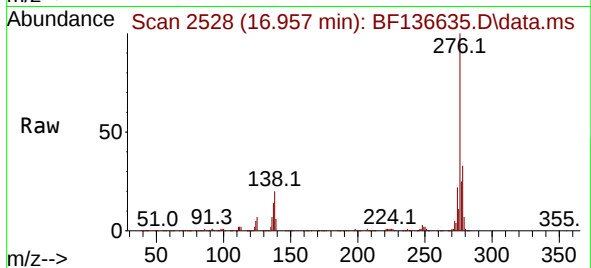
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.774 ng
RT: 16.957 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

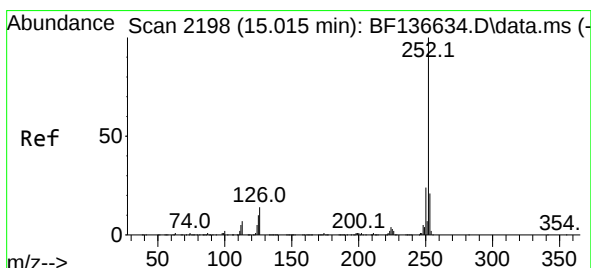
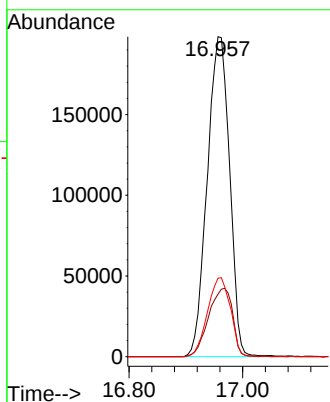
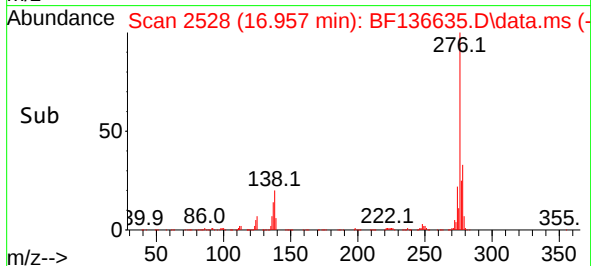


Tgt Ion:276 Resp: 541709
Ion Ratio Lower Upper
276 100
138 23.0 18.5 27.7
277 25.3 19.9 29.9

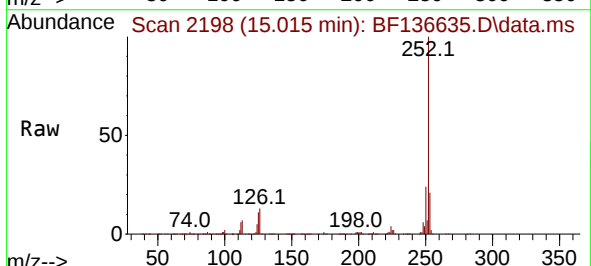
Manual Integrations

APPROVED

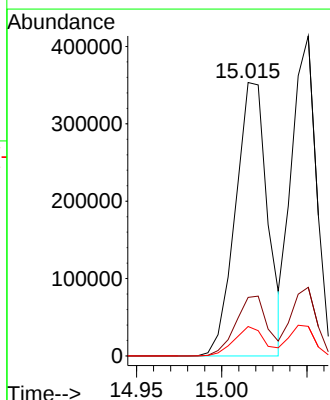
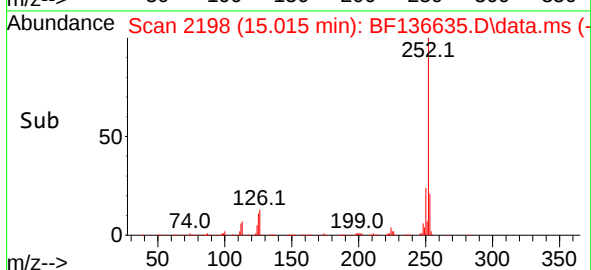
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

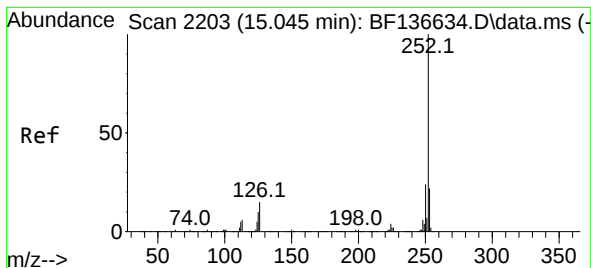


#88
Benzo(b)fluoranthene
Concen: 46.965 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40



Tgt Ion:252 Resp: 464073
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 10.8 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 45.338 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 418980

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

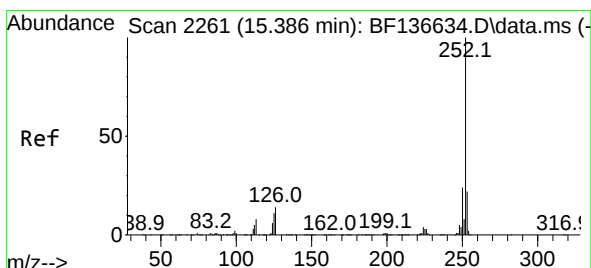
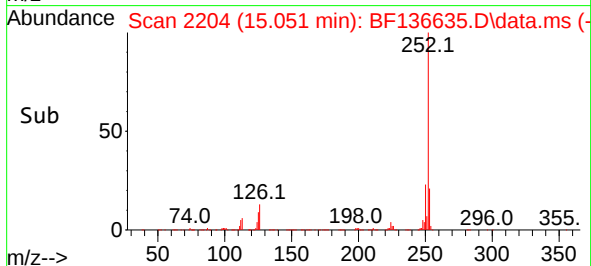
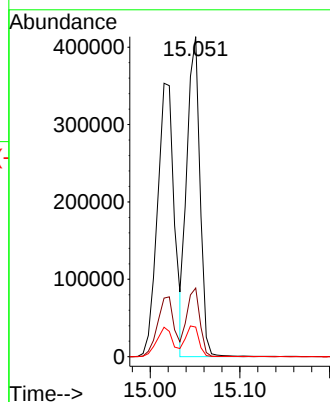
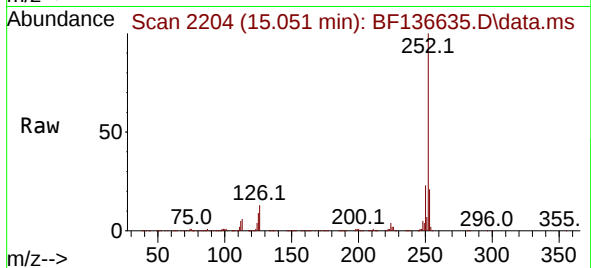
125 9.2 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#90

Benzo(a)pyrene

Concen: 47.465 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF136635.D

Acq: 19 Dec 2023 17:40

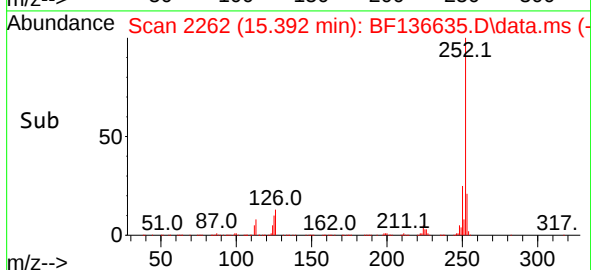
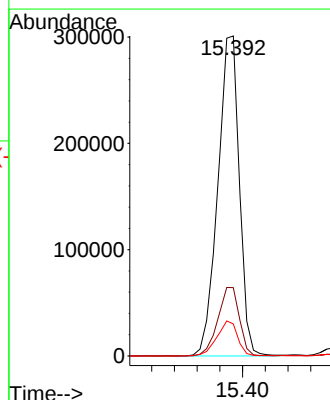
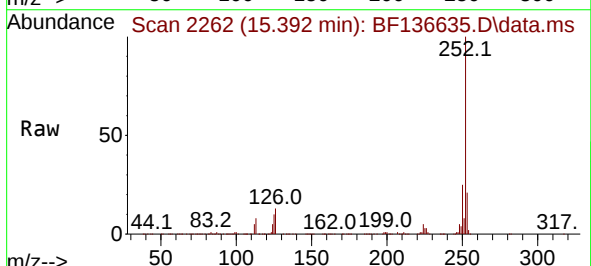
Tgt Ion:252 Resp: 396360

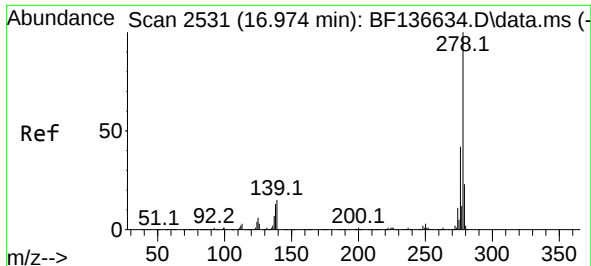
Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 10.0 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 51.488 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Instrument :

BNA_F

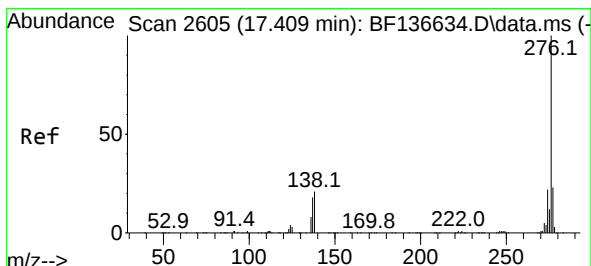
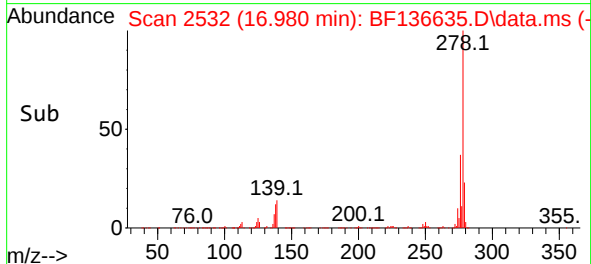
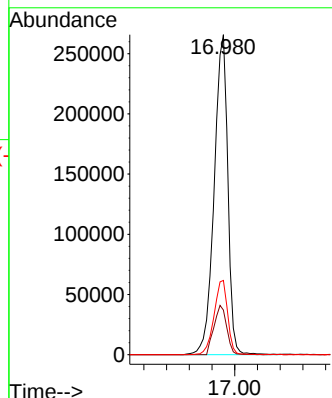
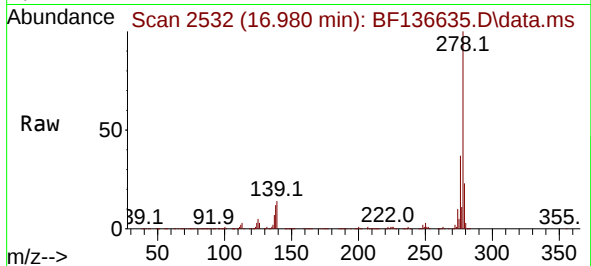
ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 441702
Ion Ratio Lower Upper
278 100
139 13.9 11.9 17.9
279 23.2 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#92
Benzo(g,h,i)perylene
Concen: 51.964 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF136635.D
Acq: 19 Dec 2023 17:40

Tgt Ion:276 Resp: 458694
Ion Ratio Lower Upper
276 100
277 23.3 18.4 27.6
138 20.5 16.6 24.8

