

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136486.D
 Acq On : 11 Dec 2023 12:51
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 11 13:24:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	111193	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	447059	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	231038	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	411285	20.000	ng	0.00
76) Chrysene-d12	13.974	240	204768	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	198534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	560538	74.449	ng	0.00
7) Phenol-d6	6.439	99	701081	74.632	ng	0.00
23) Nitrobenzene-d5	7.363	82	632776	76.518	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	209569	73.566	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1294751	76.467	ng	0.00
79) Terphenyl-d14	12.921	244	1278381	82.286	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	112609	37.813	ng	97
3) Pyridine	3.316	79	304679	42.247	ng	95
4) n-Nitrosodimethylamine	3.287	42	122496	39.095	ng	99
6) Aniline	6.463	93	446198	47.000	ng	95
8) 2-Chlorophenol	6.587	128	307440	37.403	ng	99
9) Benzaldehyde	6.351	77	191117	40.332	ng	99
10) Phenol	6.457	94	382093	38.225	ng	85
11) bis(2-Chloroethyl)ether	6.540	93	277847	37.291	ng	97
12) 1,3-Dichlorobenzene	6.739	146	327148	35.391	ng	99
13) 1,4-Dichlorobenzene	6.816	146	325576	34.721	ng	99
14) 1,2-Dichlorobenzene	6.969	146	307051	34.822	ng	98
15) Benzyl Alcohol	6.939	79	248019	39.428	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	337173	35.185	ng	96
17) 2-Methylphenol	7.057	107	261286	39.347	ng	96
18) Hexachloroethane	7.304	117	114111	34.856	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	202416	37.354	ng	98
20) 3+4-Methylphenols	7.210	107	324801	39.405	ng	96
22) Acetophenone	7.210	105	416265	37.707	ng	# 97
24) Nitrobenzene	7.381	77	307098	36.915	ng	98
25) Isophorone	7.616	82	563162	37.905	ng	99
26) 2-Nitrophenol	7.692	139	162647	39.769	ng	97
27) 2,4-Dimethylphenol	7.734	122	254092	50.385	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	345156	37.807	ng	99
29) 2,4-Dichlorophenol	7.939	162	255879	38.441	ng	95
30) 1,2,4-Trichlorobenzene	8.016	180	278909	35.934	ng	96
31) Naphthalene	8.098	128	917911	37.232	ng	100
32) Benzoic acid	7.857	122	187715m	37.523	ng	
33) 4-Chloroaniline	8.151	127	384628	43.761	ng	98
34) Hexachlorobutadiene	8.210	225	164265	35.710	ng	99
35) Caprolactam	8.522	113	80928	39.480	ng	96
36) 4-Chloro-3-methylphenol	8.633	107	269990	38.201	ng	100
37) 2-Methylnaphthalene	8.786	142	620385	39.554	ng	93
38) 1-Methylnaphthalene	8.886	142	567417	36.868	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	283287	39.412	ng	99
41) Hexachlorocyclopentadiene	8.939	237	122426	45.974	ng	96
43) 2,4,6-Trichlorophenol	9.069	196	179670	38.389	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	209417	40.090	ng	95
46) 1,1'-Biphenyl	9.251	154	749951	38.148	ng	98
47) 2-Chloronaphthalene	9.281	162	552793	36.128	ng	98
48) 2-Nitroaniline	9.375	65	164898	40.182	ng	99
49) Acenaphthylene	9.692	152	860793	39.492	ng	99
50) Dimethylphthalate	9.557	163	661781	38.906	ng	98
51) 2,6-Dinitrotoluene	9.622	165	144919	37.870	ng	98
52) Acenaphthene	9.869	154	534155	38.243	ng	96
53) 3-Nitroaniline	9.792	138	159883	40.914	ng	100
54) 2,4-Dinitrophenol	9.898	184	64382	33.276	ng	92
55) Dibenzofuran	10.039	168	786147	38.528	ng	99
56) 4-Nitrophenol	9.957	139	109716	37.453	ng	96
57) 2,4-Dinitrotoluene	10.028	165	186962	36.932	ng	97
58) Fluorene	10.380	166	612816	37.413	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	159223	38.053	ng	99
60) Diethylphthalate	10.257	149	632483	37.814	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	303489	38.008	ng	99
62) 4-Nitroaniline	10.410	138	155310	40.026	ng	99
63) Azobenzene	10.539	77	574733	37.751	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	101691	39.924	ng	99
66) n-Nitrosodiphenylamine	10.498	169	542297	41.092	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	190642	39.868	ng	98
68) Hexachlorobenzene	10.933	284	203504	36.822	ng	# 92
69) Atrazine	11.027	200	127482	33.844	ng	98
70) Pentachlorophenol	11.127	266	111261	35.670	ng	98
71) Phenanthrene	11.351	178	904268	40.001	ng	100
72) Anthracene	11.398	178	921292	40.462	ng	98
73) Carbazole	11.557	167	763171	37.870	ng	99
74) Di-n-butylphthalate	11.892	149	897524	36.330	ng	100
75) Fluoranthene	12.539	202	852115	35.970	ng	97
77) Benzidine	12.669	184	141570	33.813	ng	99
78) Pyrene	12.769	202	845241	42.148	ng	98
80) Butylbenzylphthalate	13.398	149	274968	38.517	ng	96
81) Benzo(a)anthracene	13.963	228	560353	39.286	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	174164	43.550	ng	# 99
83) Chrysene	14.004	228	543681	38.742	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	321581	36.745	ng	99
85) Di-n-octyl phthalate	14.580	149	465645	36.021	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	601994	43.646	ng	100
88) Benzo(b)fluoranthene	15.021	252	461834	34.023	ng	99
89) Benzo(k)fluoranthene	15.051	252	456869	35.714	ng	99
90) Benzo(a)pyrene	15.392	252	450744	40.208	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	495156	43.821	ng	100
92) Benzo(g,h,i)perylene	17.415	276	507588	43.766	ng	100

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



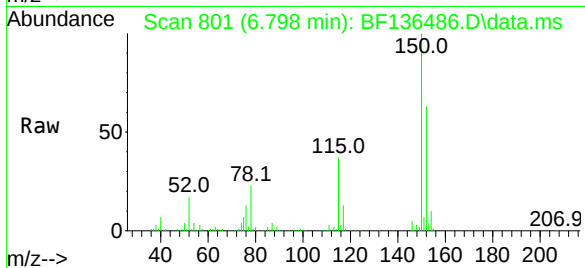
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

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SSTDCCC040

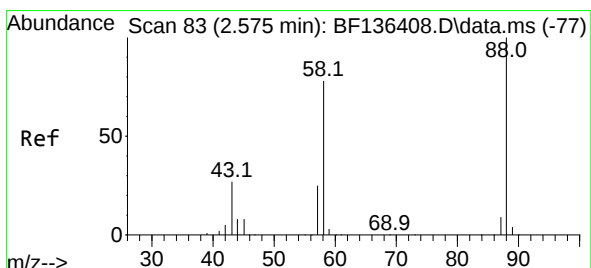
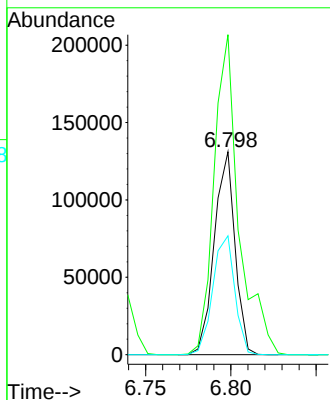
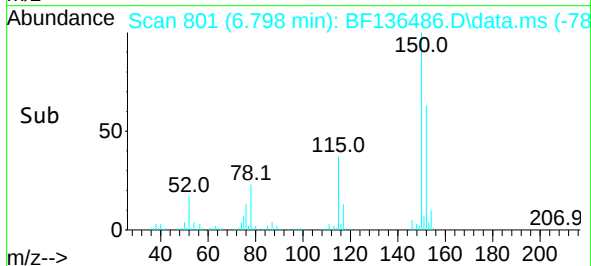


Tgt Ion:152 Resp: 11119
Ion Ratio Lower Upper
152 100
150 157.8 126.4 189.6
115 58.6 48.2 72.4

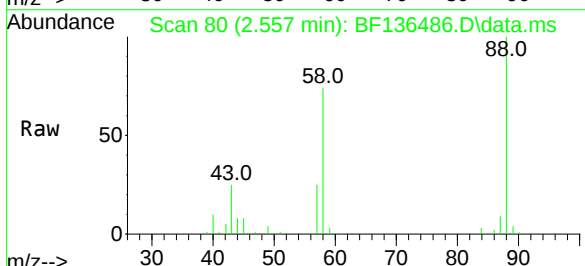
Manual Integrations

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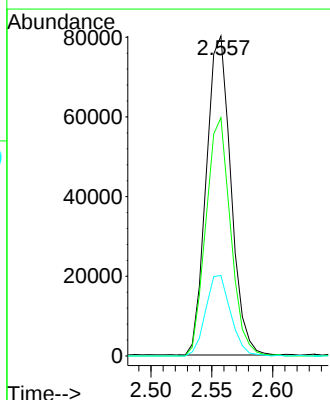
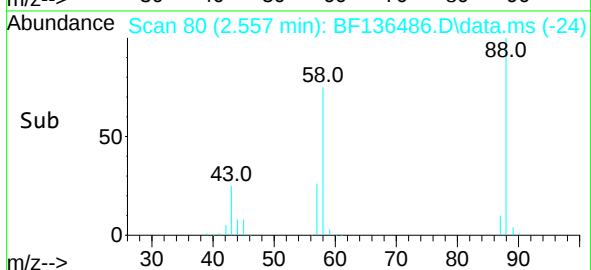
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

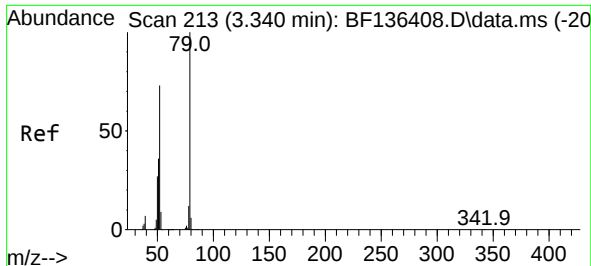


#2
1,4-Dioxane
Concen: 37.813 ng
RT: 2.557 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



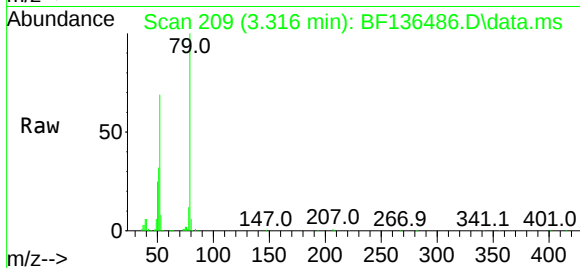
Tgt Ion: 88 Resp: 112609
Ion Ratio Lower Upper
88 100
58 74.8 62.2 93.2
43 25.8 21.5 32.3





#3
Pyridine
Concen: 42.247 ng
RT: 3.316 min Scan# 209
Delta R.T. -0.024 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

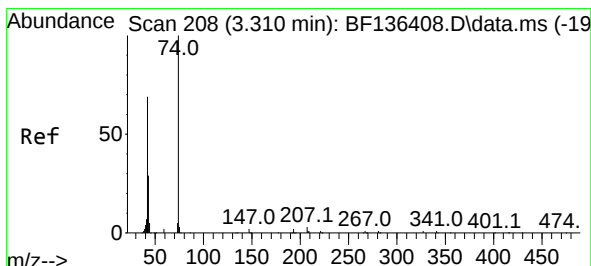
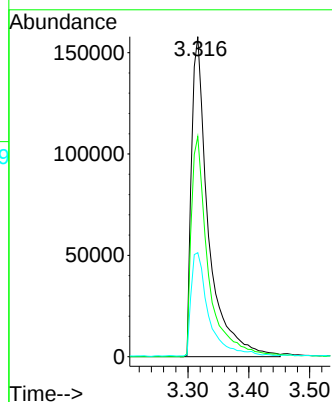
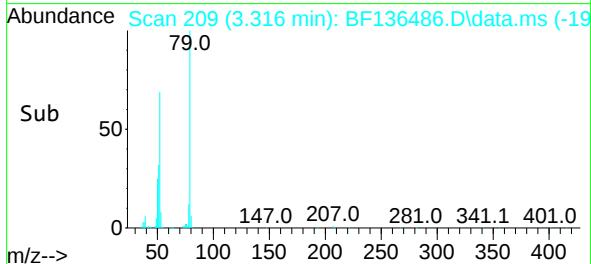
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



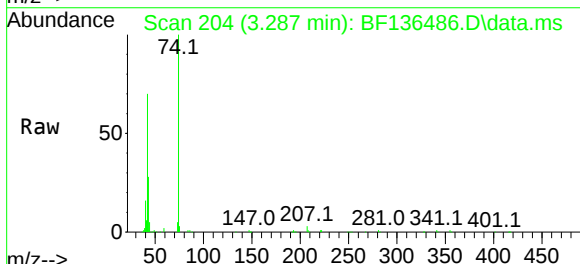
Tgt Ion: 79 Resp: 304679
Ion Ratio Lower Upper
79 100
52 68.8 58.2 87.2
51 32.5 29.1 43.7

Manual Integrations
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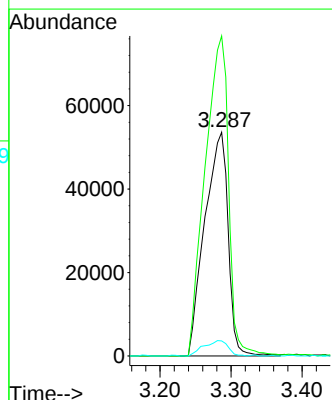
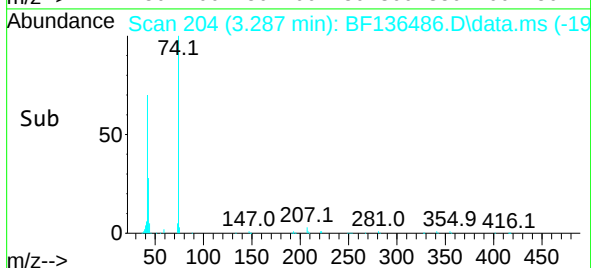
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

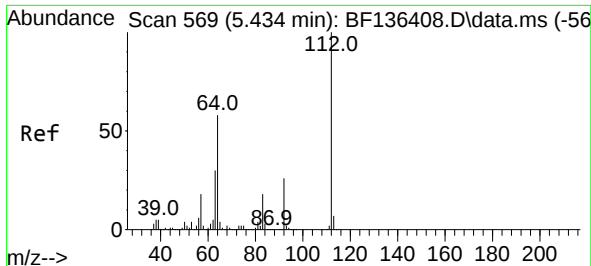


#4
n-Nitrosodimethylamine
Concen: 39.095 ng
RT: 3.287 min Scan# 204
Delta R.T. -0.024 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



Tgt Ion: 42 Resp: 122496
Ion Ratio Lower Upper
42 100
74 143.0 115.4 173.0
44 6.7 6.2 9.2





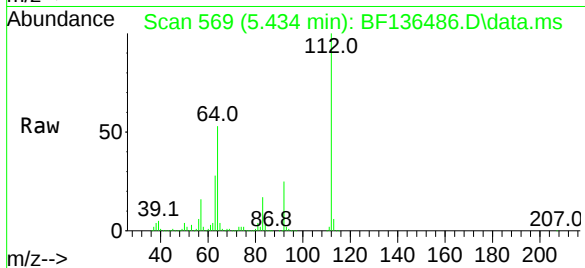
#5
2-Fluorophenol
Concen: 74.449 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



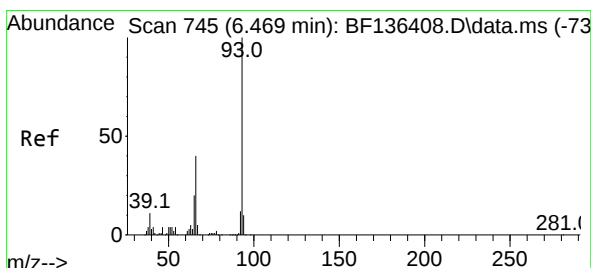
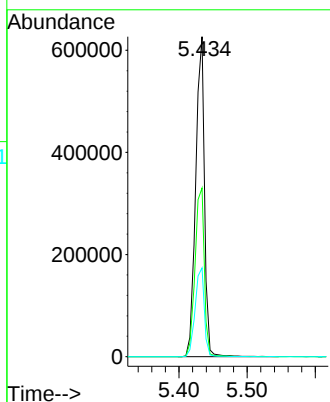
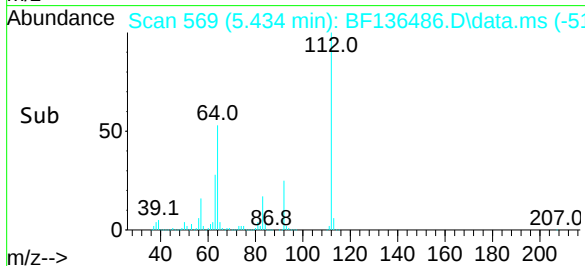
Tgt Ion:112 Resp: 560538
Ion Ratio Lower Upper
112 100
64 52.7 46.5 69.7
63 27.8 23.9 35.9

Manual Integrations

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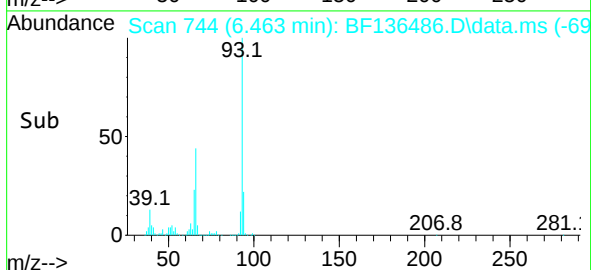
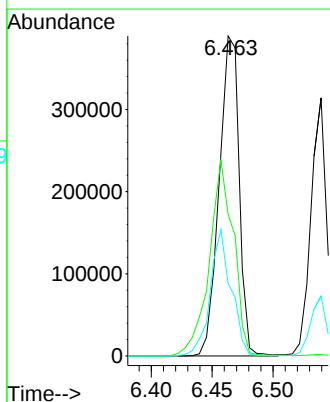
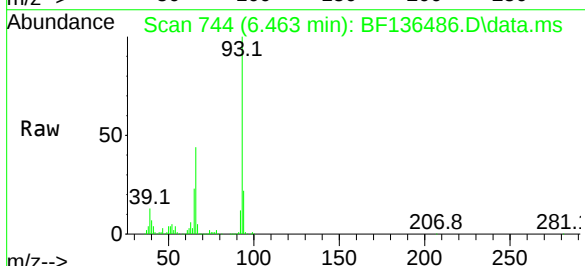
Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#6
Aniline
Concen: 47.000 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

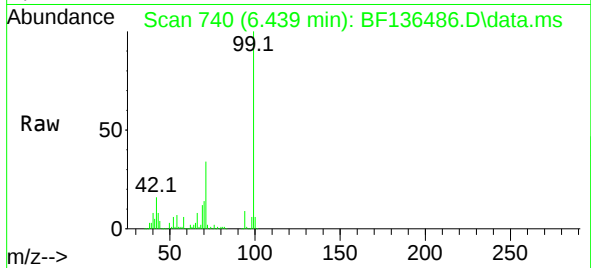
Tgt Ion: 93 Resp: 446198
Ion Ratio Lower Upper
93 100
66 44.3 32.5 48.7
65 22.7 16.4 24.6





#7
Phenol-d6
Concen: 74.632 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

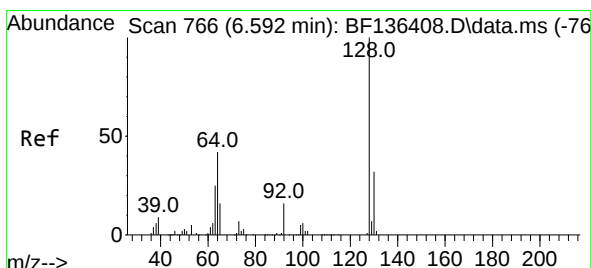
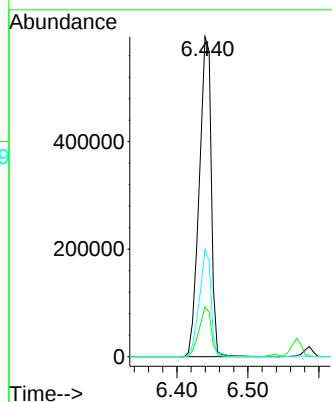
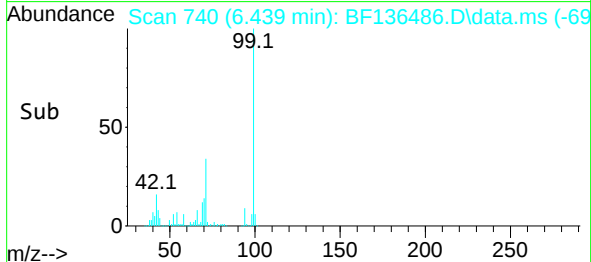
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 70108
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 33.5 27.0 40.4

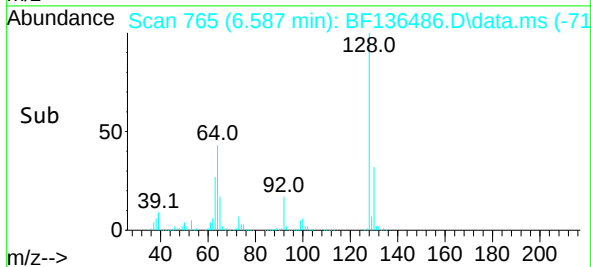
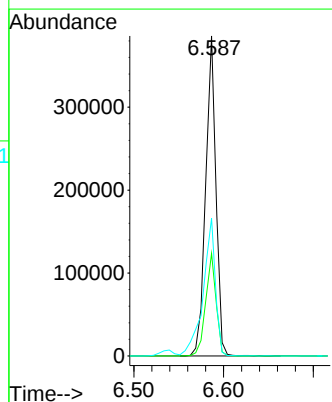
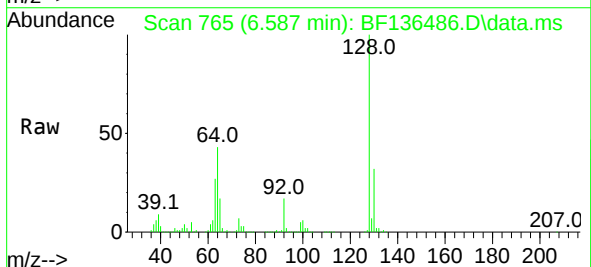
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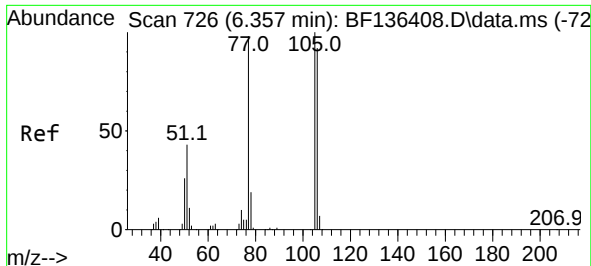
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#8
2-Chlorophenol
Concen: 37.403 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

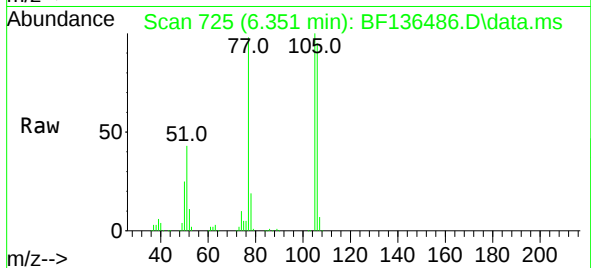
Tgt Ion:128 Resp: 307440
Ion Ratio Lower Upper
128 100
130 32.0 11.7 51.7
64 43.0 22.5 62.5





#9
Benzaldehyde
Concen: 40.332 ng
RT: 6.351 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

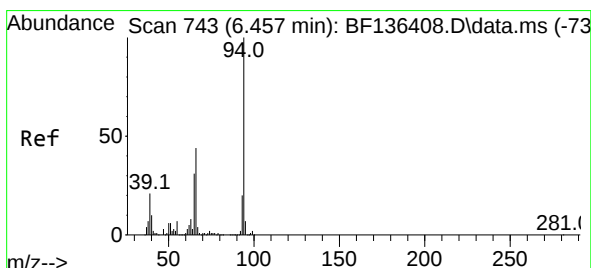
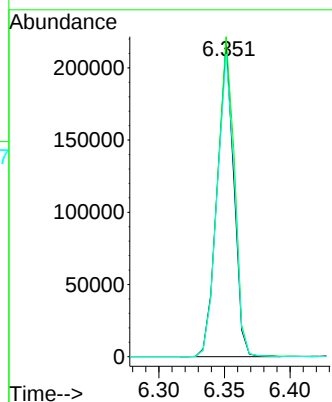
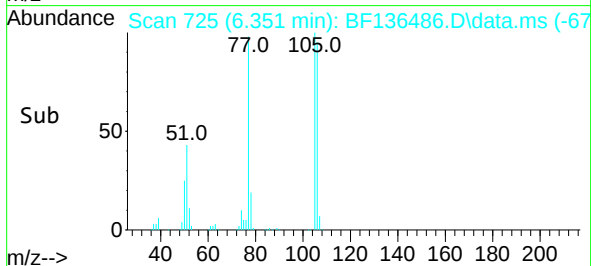
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 19111
Ion Ratio Lower Upper
77 100
105 101.8 82.5 122.5
106 96.3 74.5 114.5

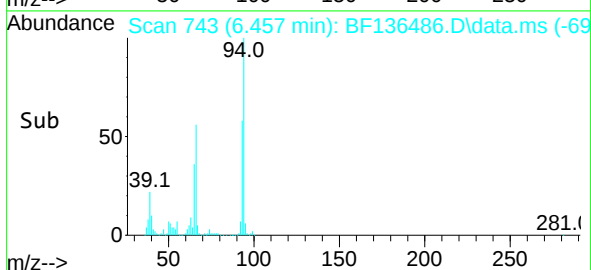
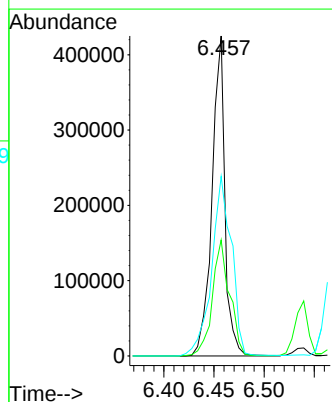
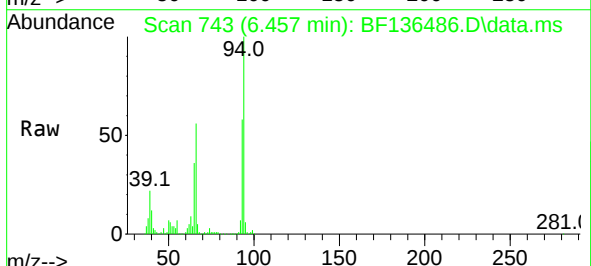
Manual Integrations
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Supervised By :mohammad ahmed 12/14/2023



#10
Phenol
Concen: 38.225 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion: 94 Resp: 382093
Ion Ratio Lower Upper
94 100
65 36.3 11.2 51.2
66 56.1 24.2 64.2





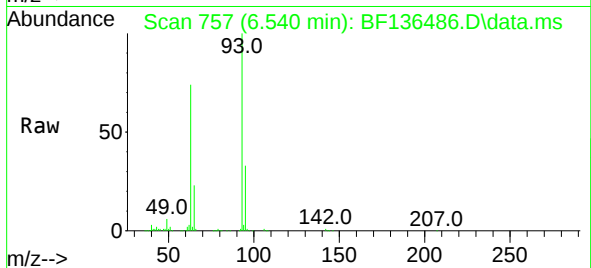
#11
bis(2-Chloroethyl)ether
Concen: 37.291 ng
RT: 6.540 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



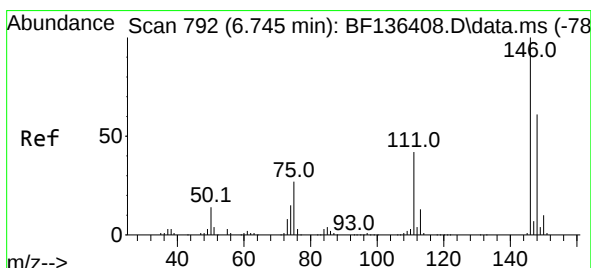
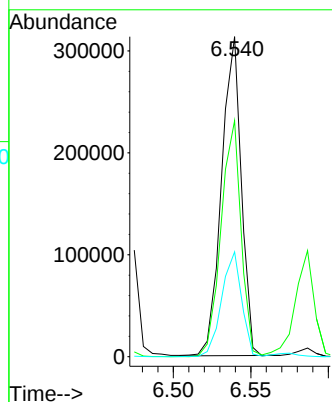
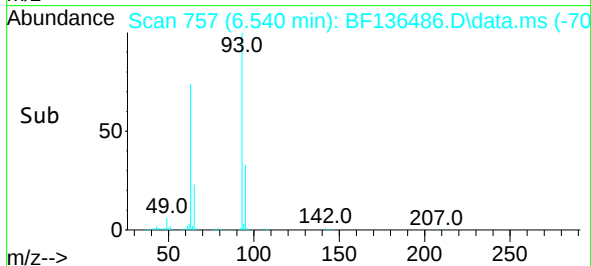
Tgt Ion: 93 Resp: 27784
Ion Ratio Lower Upper
93 100
63 73.8 56.8 96.8
95 32.7 11.8 51.8

Manual Integrations

APPROVED

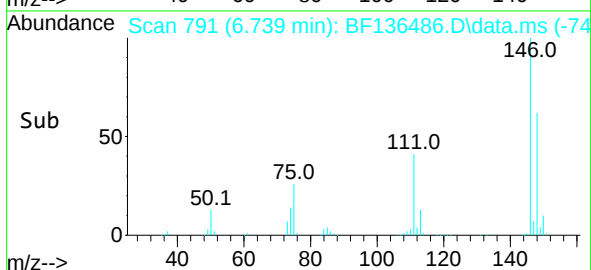
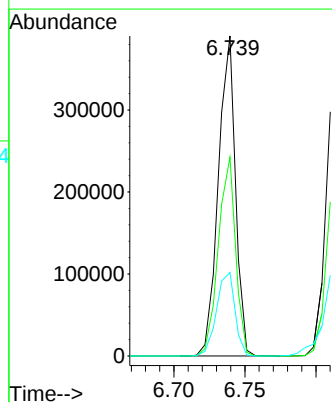
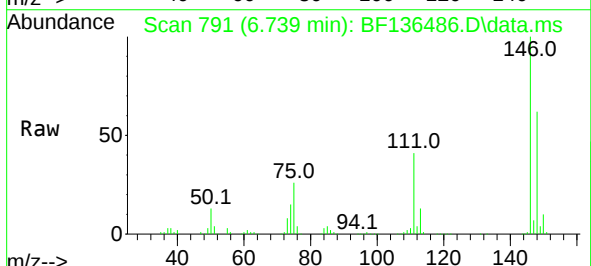
Reviewed By :Yogesh Patel 12/14/2023

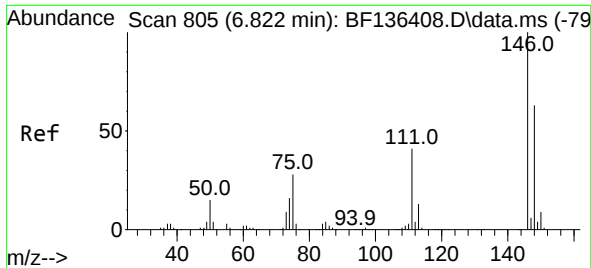
Supervised By :mohammad ahmed 12/14/2023



#12
1,3-Dichlorobenzene
Concen: 35.391 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:146 Resp: 327148
Ion Ratio Lower Upper
146 100
148 62.1 49.0 73.6
75 26.1 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 34.721 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136486.D

Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 325570

Ion Ratio Lower Upper

146 100

148 64.0 50.3 75.5

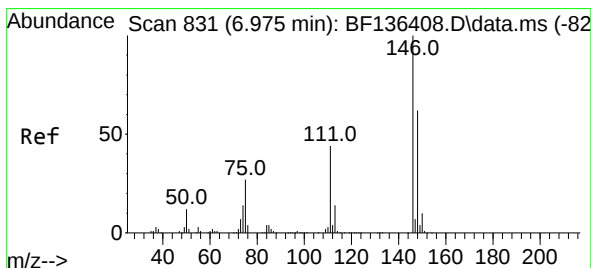
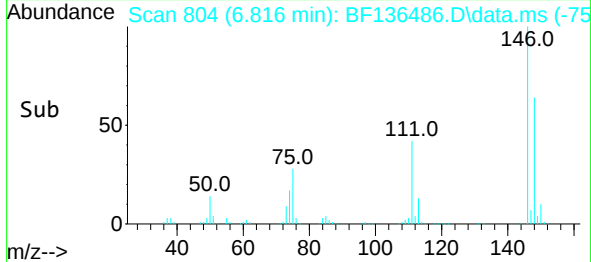
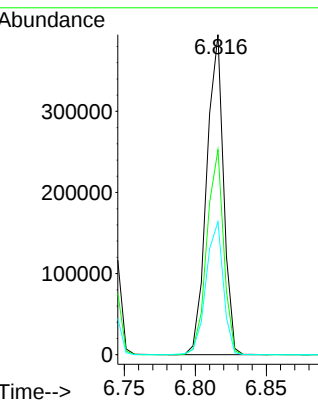
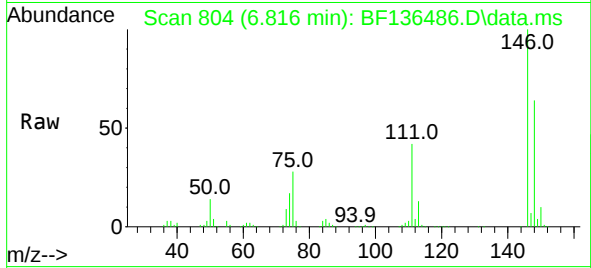
111 41.6 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#14

1,2-Dichlorobenzene

Concen: 34.822 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF136486.D

Acq: 11 Dec 2023 12:51

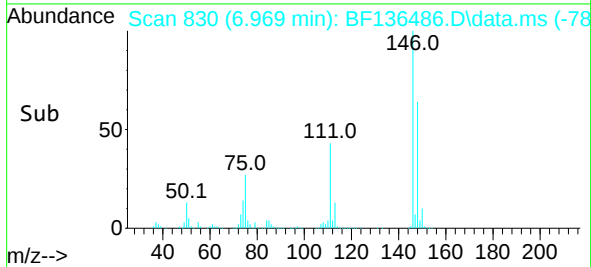
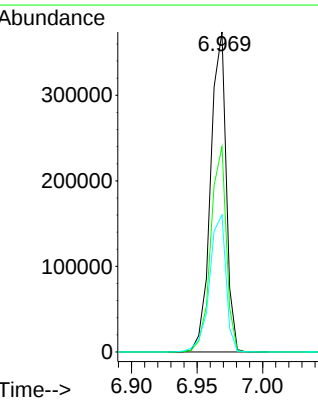
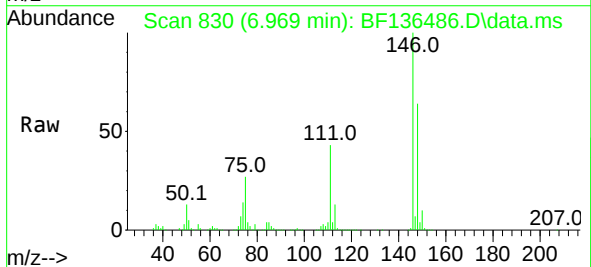
Tgt Ion:146 Resp: 307051

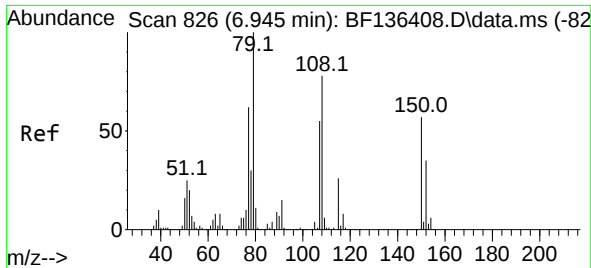
Ion Ratio Lower Upper

146 100

148 64.2 49.8 74.6

111 42.8 34.9 52.3





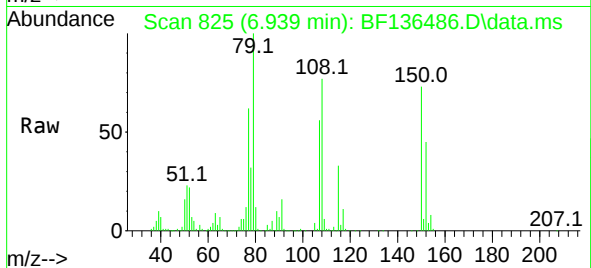
#15
Benzyl Alcohol
Concen: 39.428 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

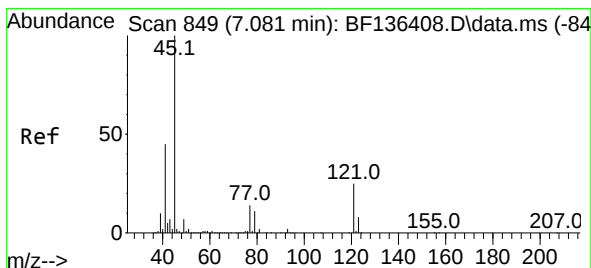
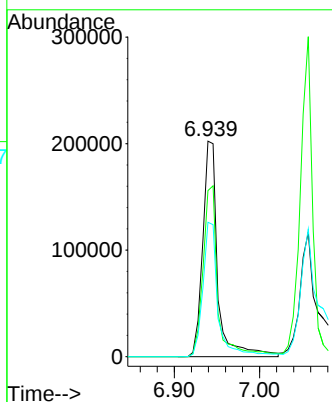
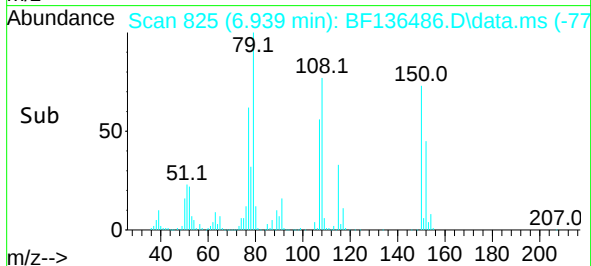
SSTDCCC040



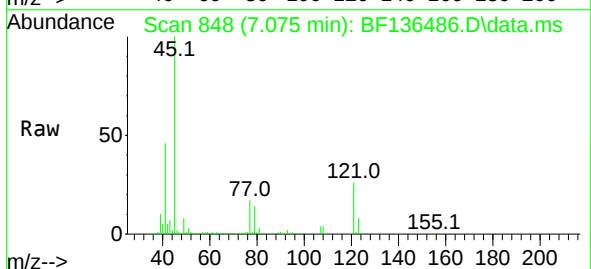
Tgt Ion: 79 Resp: 248019
Ion Ratio Lower Upper
79 100
108 77.0 62.3 93.5
77 62.4 49.8 74.8

Manual Integrations
APPROVED

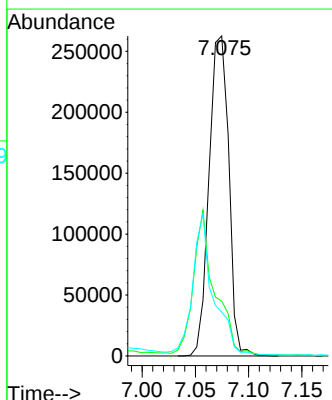
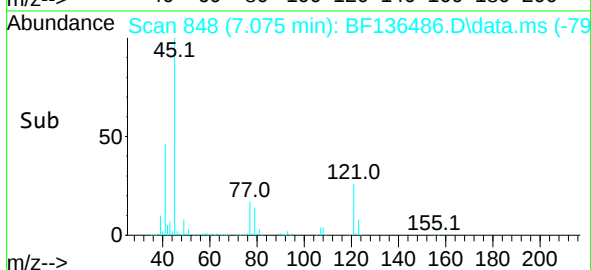
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

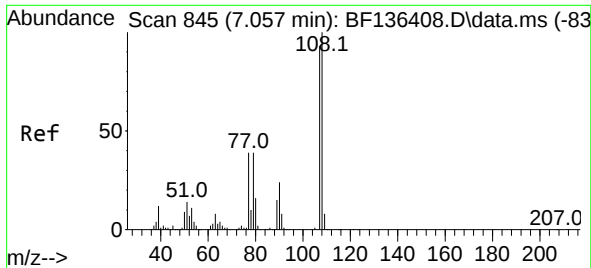


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.185 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



Tgt Ion: 45 Resp: 337173
Ion Ratio Lower Upper
45 100
77 17.1 0.0 35.3
79 13.7 0.0 32.5





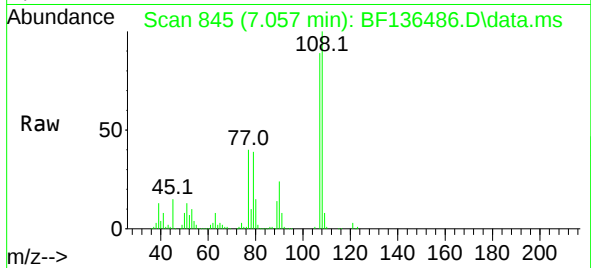
#17
2-Methylphenol
Concen: 39.347 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

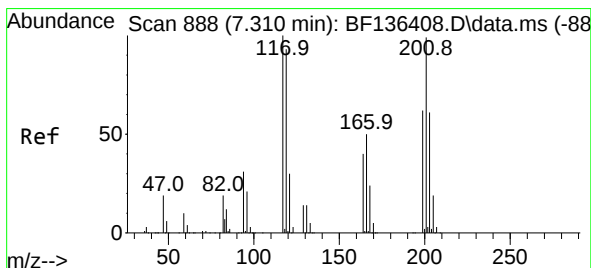
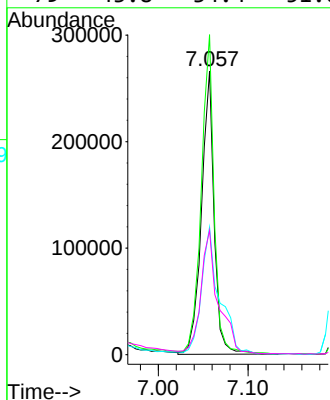
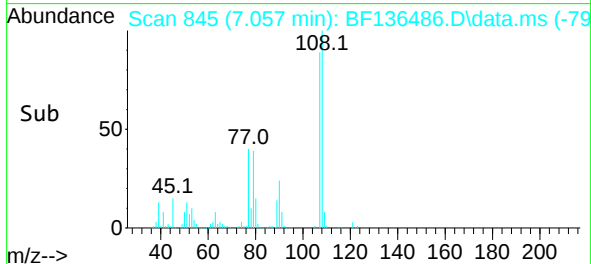


Tgt Ion:107 Resp: 261280
Ion Ratio Lower Upper
107 100
108 112.8 86.5 129.7
77 45.0 33.8 50.8
79 43.8 34.4 51.6

Manual Integrations

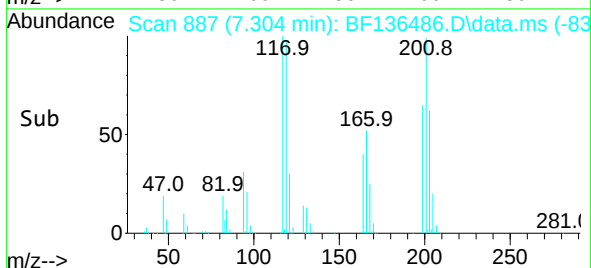
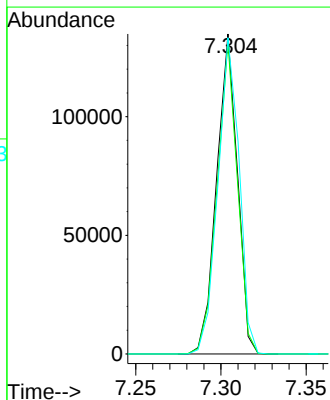
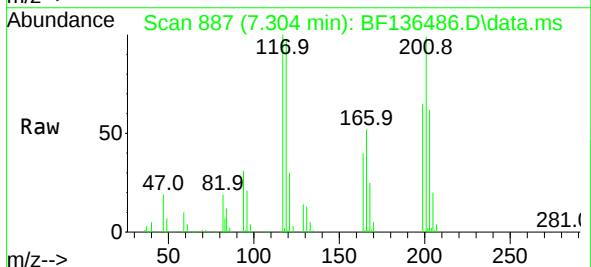
APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#18
Hexachloroethane
Concen: 34.856 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:117 Resp: 114111
Ion Ratio Lower Upper
117 100
119 97.3 74.3 111.5
201 98.9 79.3 118.9





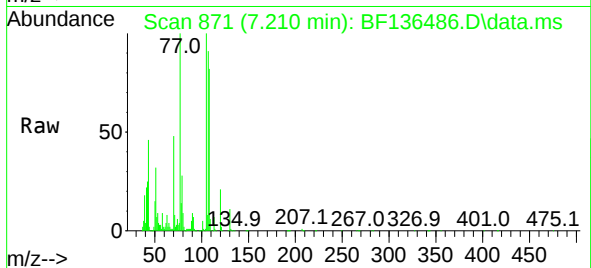
#19
n-Nitroso-di-n-propylamine
Concen: 37.354 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

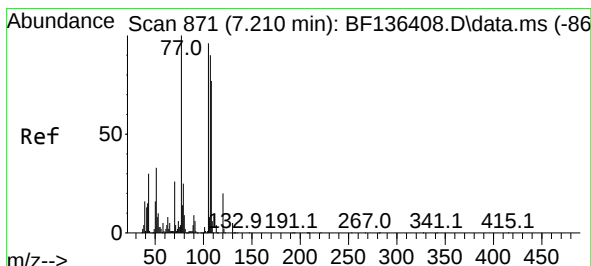
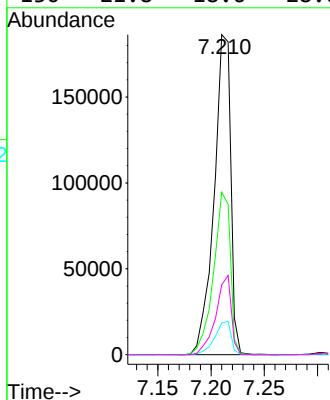
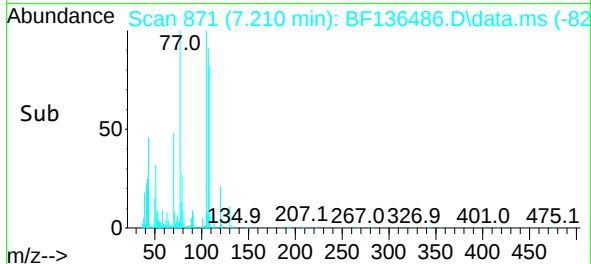


Tgt Ion: 70 Resp: 202410
Ion Ratio Lower Upper
70 100
42 50.7 41.4 62.0
101 9.9 8.2 12.4
130 21.8 18.6 28.0

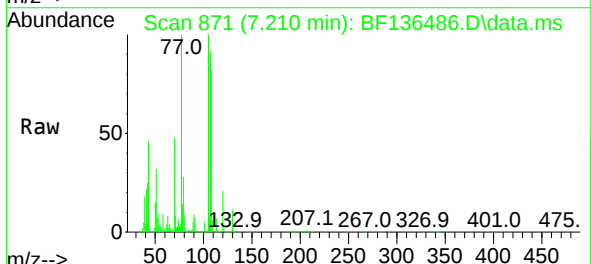
Manual Integrations

APPROVED

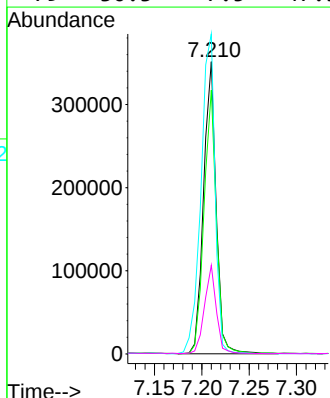
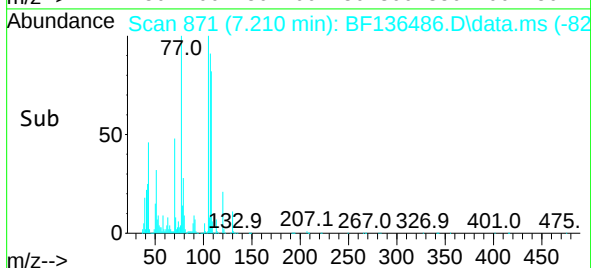
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

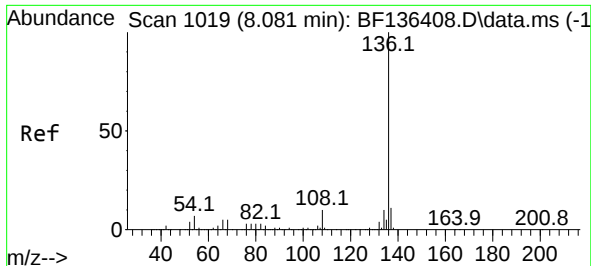


#20
3+4-Methylphenols
Concen: 39.405 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



Tgt Ion:107 Resp: 324801
Ion Ratio Lower Upper
107 100
108 90.3 65.9 105.9
77 109.5 91.7 131.7
79 30.3 7.5 47.5





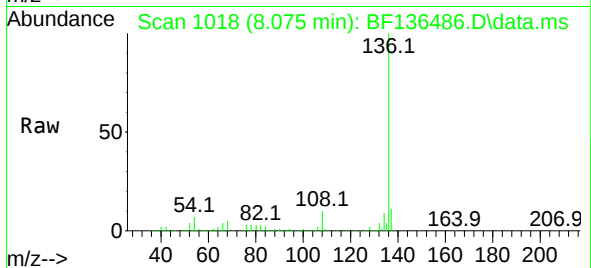
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

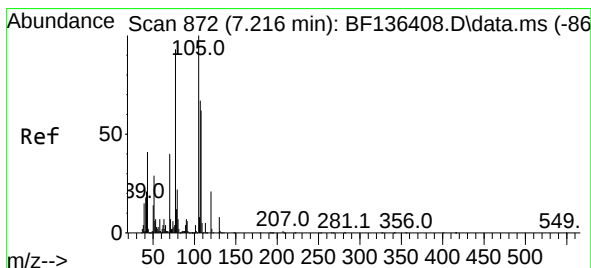
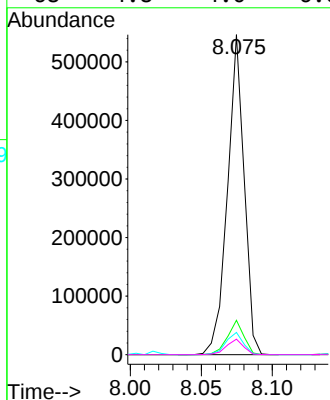
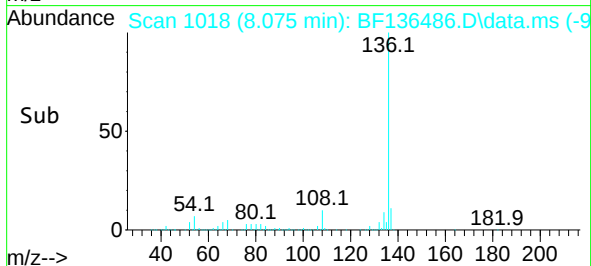


Tgt Ion:136 Resp: 447059
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.9 5.7 8.5
68 4.8 4.0 6.0

Manual Integrations

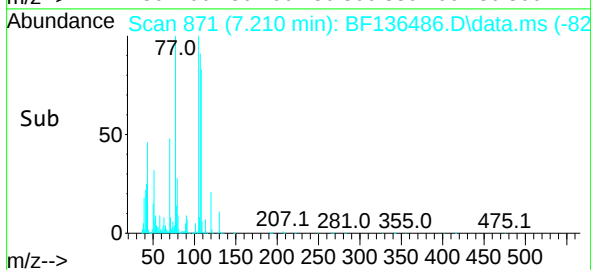
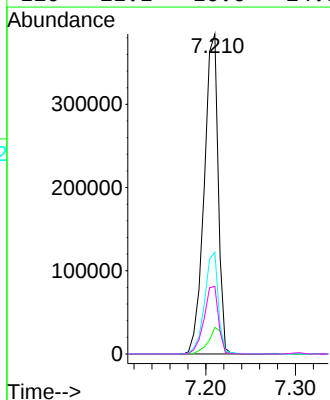
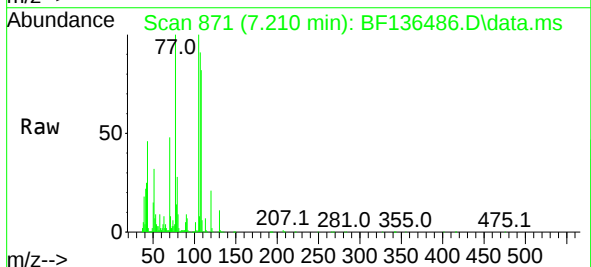
APPROVED

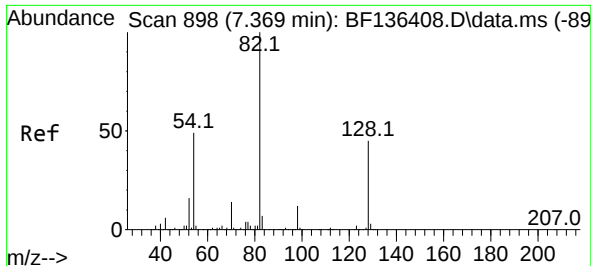
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#22
Acetophenone
Concen: 37.707 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:105 Resp: 416265
Ion Ratio Lower Upper
105 100
71 8.3 5.4 8.0#
51 31.8 23.4 35.2
120 21.1 16.6 24.8





#23

Nitrobenzene-d5

Concen: 76.518 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136486.D

Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 632770

Ion Ratio Lower Upper

82 100

128 47.1 36.3 54.5

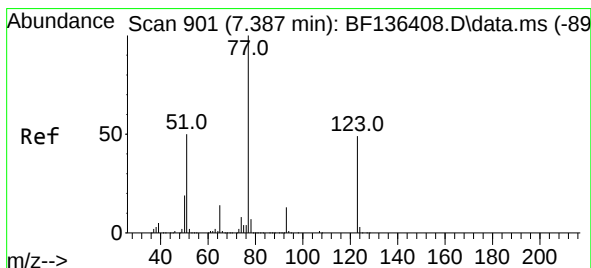
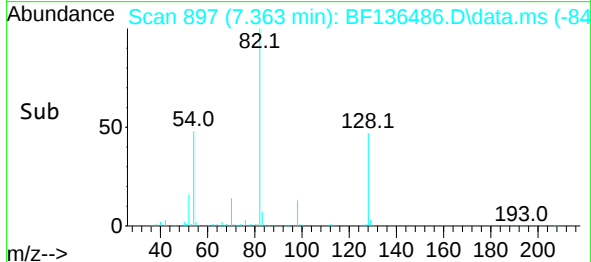
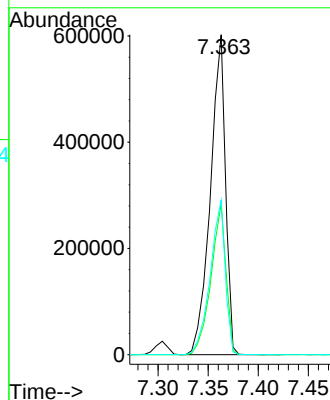
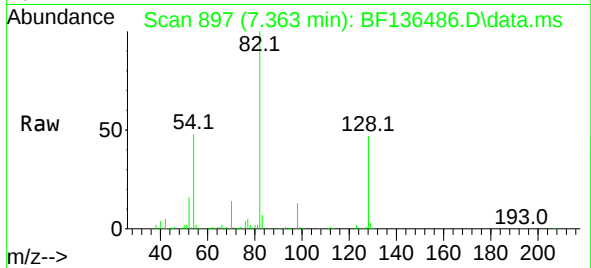
54 48.4 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#24

Nitrobenzene

Concen: 36.915 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF136486.D

Acq: 11 Dec 2023 12:51

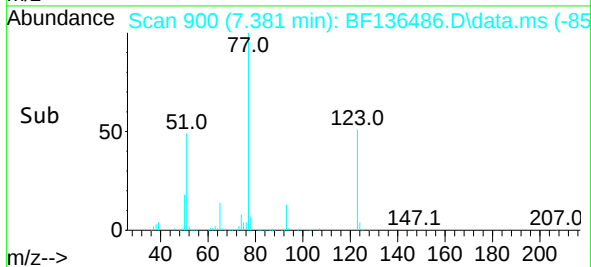
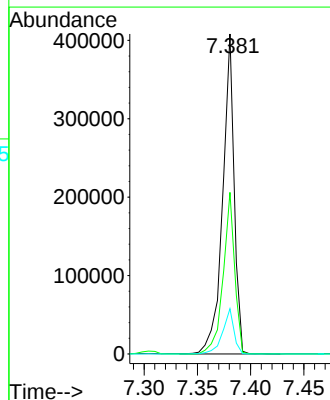
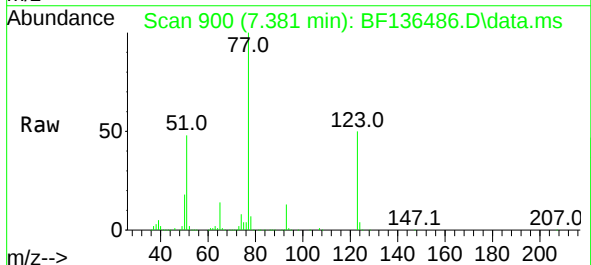
Tgt Ion: 77 Resp: 307098

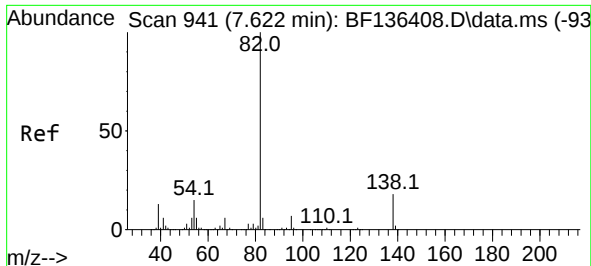
Ion Ratio Lower Upper

77 100

123 50.5 39.0 58.6

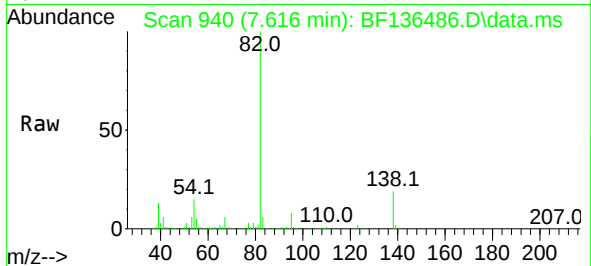
65 14.2 11.3 16.9





#25
Isophorone
Concen: 37.905 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

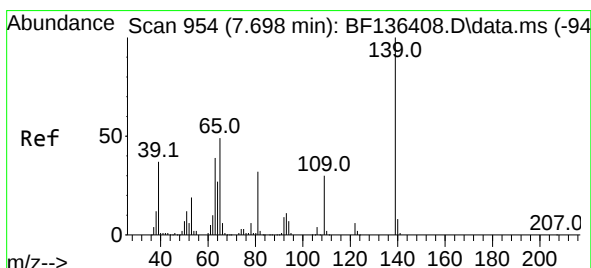
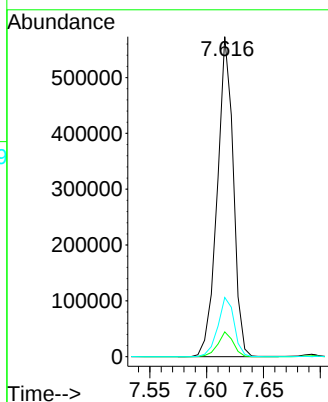
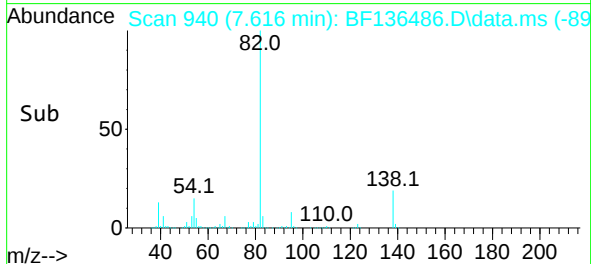
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 563162
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 18.5 14.5 21.7

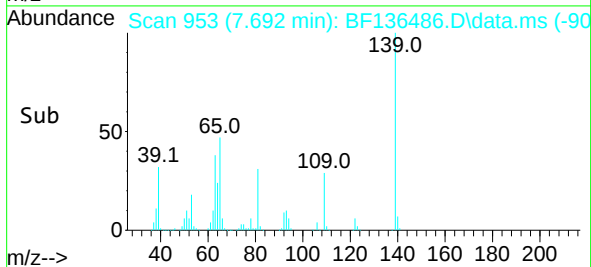
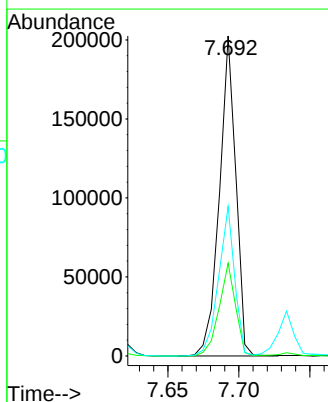
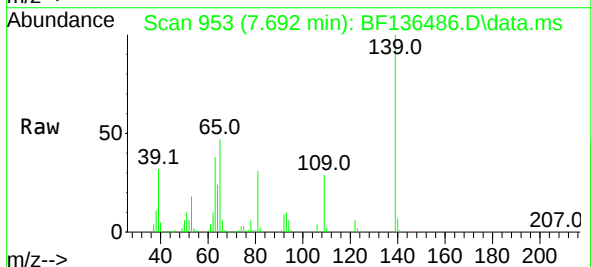
Manual Integrations
APPROVED

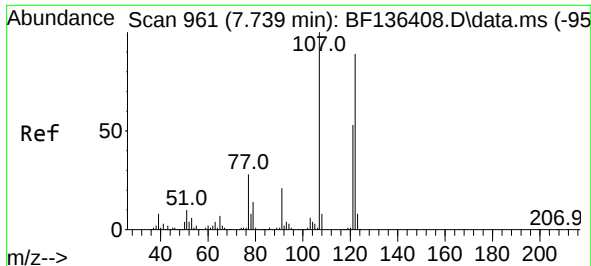
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#26
2-Nitrophenol
Concen: 39.769 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:139 Resp: 162647
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 46.7 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 50.385 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136486.D

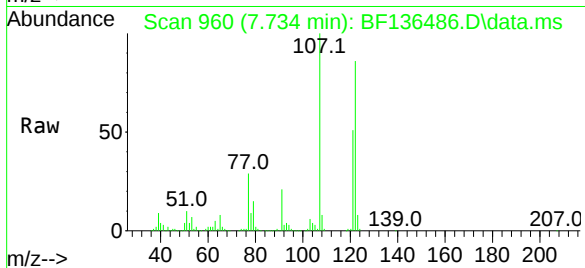
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



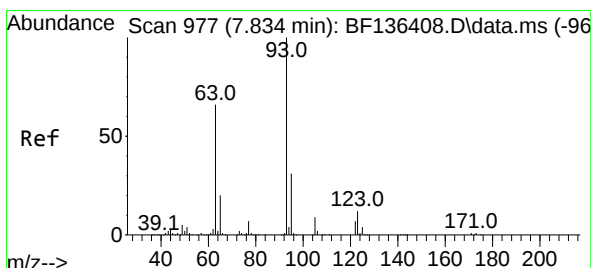
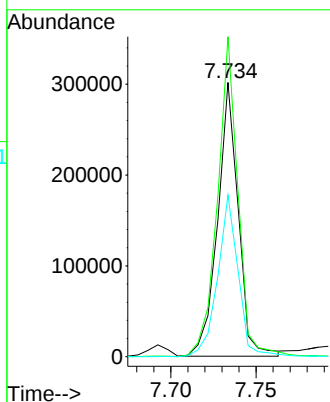
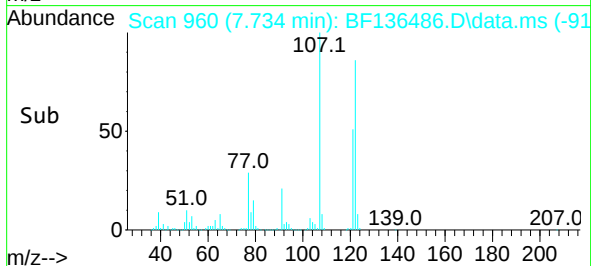
Tgt Ion:	122	Resp:	254092
Ion Ratio	Lower	Upper	
122	100		
107	116.7	89.3	133.9
121	59.0	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.807 ng

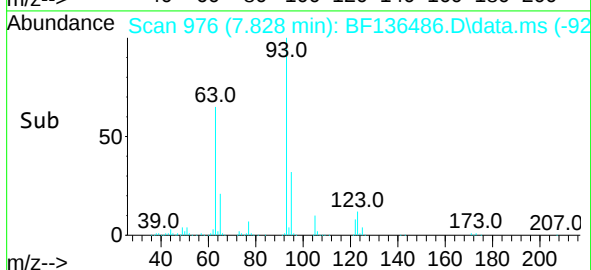
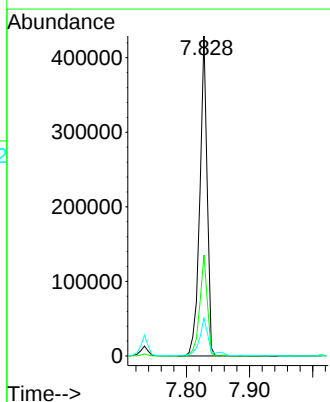
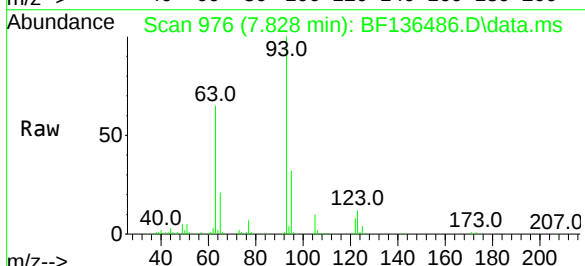
RT: 7.828 min Scan# 976

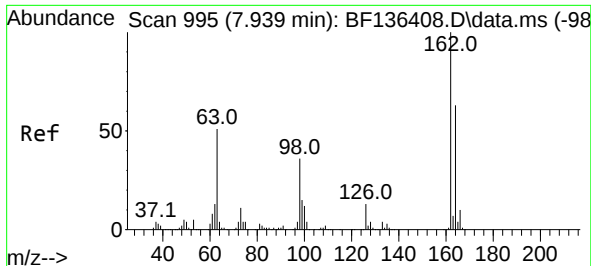
Delta R.T. -0.006 min

Lab File: BF136486.D

Acq: 11 Dec 2023 12:51

Tgt Ion:	93	Resp:	345156
Ion Ratio	Lower	Upper	
93	100		
95	31.6	25.0	37.4
123	11.8	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 38.441 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF136486.D

Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

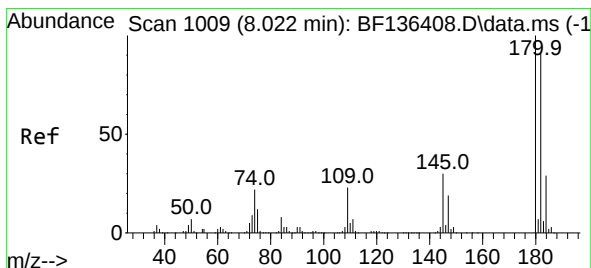
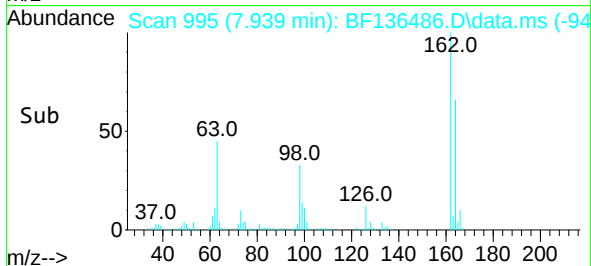
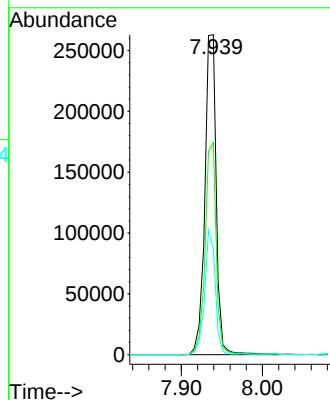
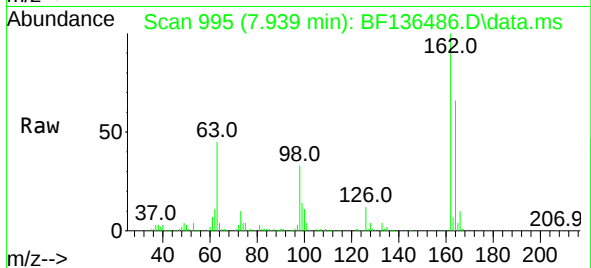
Tgt Ion:162 Resp: 255879
 Ion Ratio Lower Upper
 162 100
 164 66.3 43.0 83.0
 98 33.1 16.2 56.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 35.934 ng

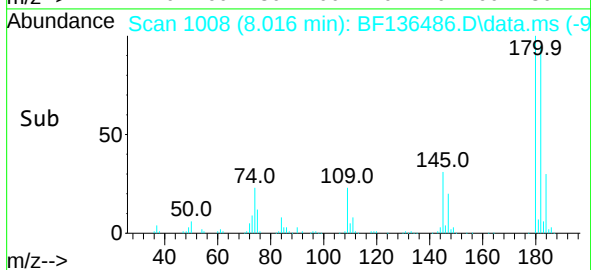
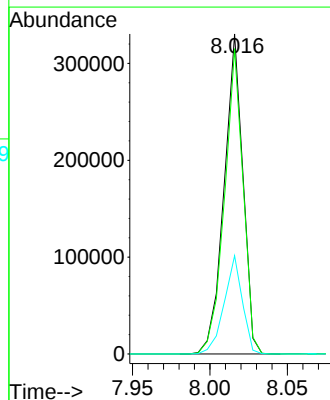
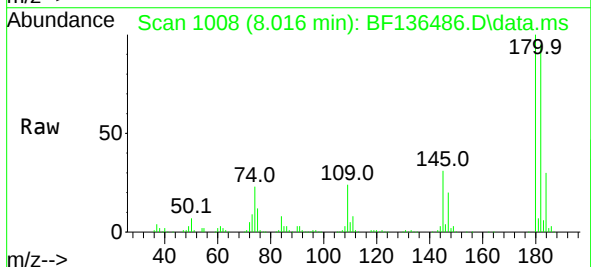
RT: 8.016 min Scan# 1008

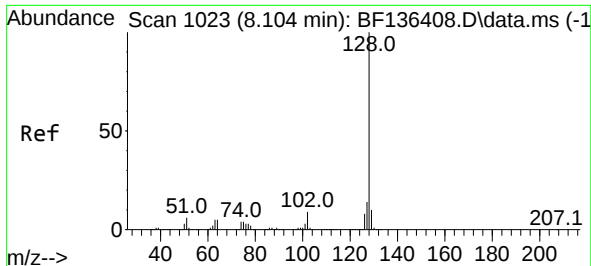
Delta R.T. -0.006 min

Lab File: BF136486.D

Acq: 11 Dec 2023 12:51

Tgt Ion:180 Resp: 278909
 Ion Ratio Lower Upper
 180 100
 182 95.4 73.1 109.7
 145 30.7 23.8 35.8





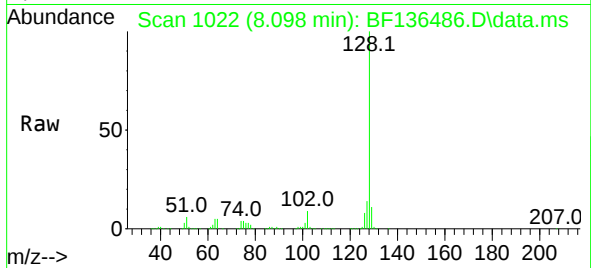
#31
Naphthalene
Concen: 37.232 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



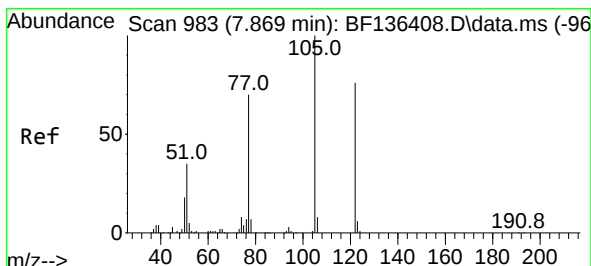
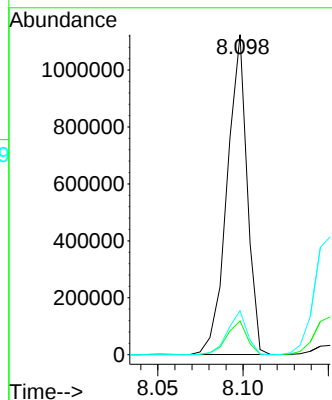
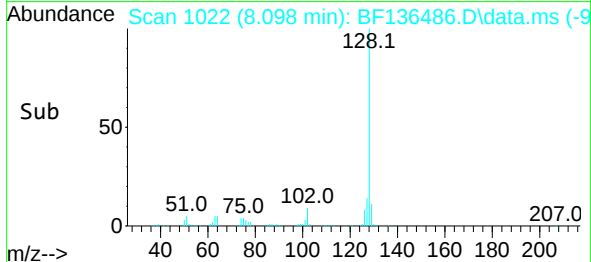
Tgt Ion:128 Resp: 91791
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.8 11.1 16.7

Manual Integrations

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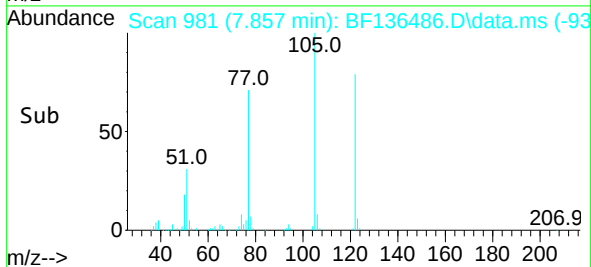
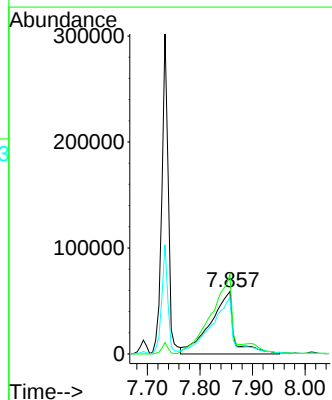
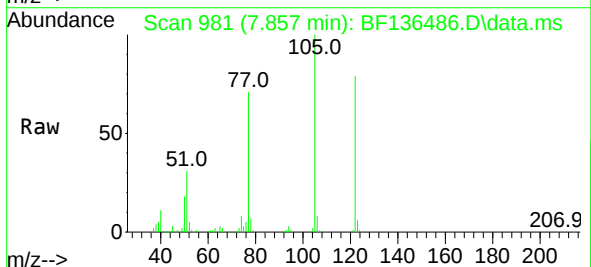
Reviewed By :Yogesh Patel 12/14/2023

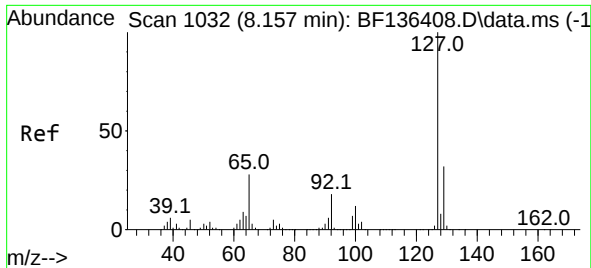
Supervised By :mohammad ahmed 12/14/2023



#32
Benzoic acid
Concen: 37.523 ng m
RT: 7.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:122 Resp: 187715
Ion Ratio Lower Upper
122 100
105 127.2 104.7 144.7
77 90.1 68.5 108.5





#33
4-Chloroaniline
Concen: 43.761 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

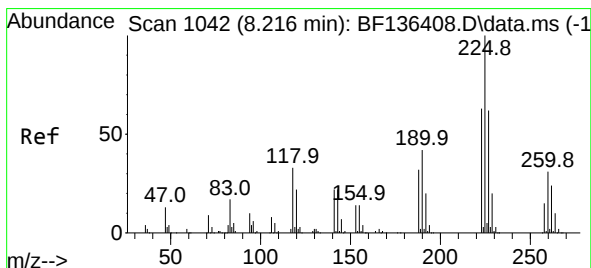
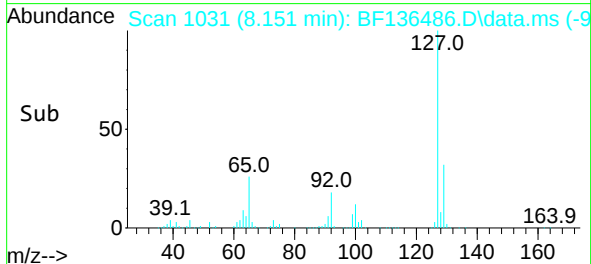
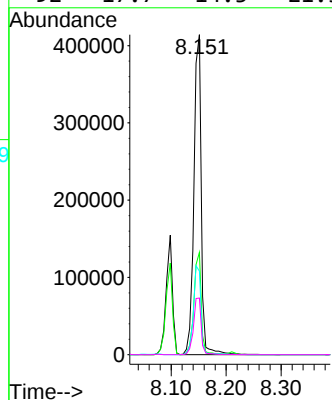
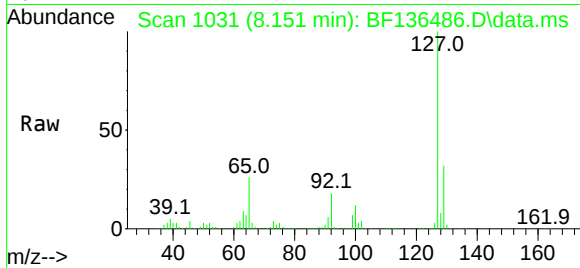
SSTDCCC040

Tgt Ion:127 Resp: 384628
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2
65 26.1 22.5 33.7
92 17.7 14.3 21.5

Manual Integrations

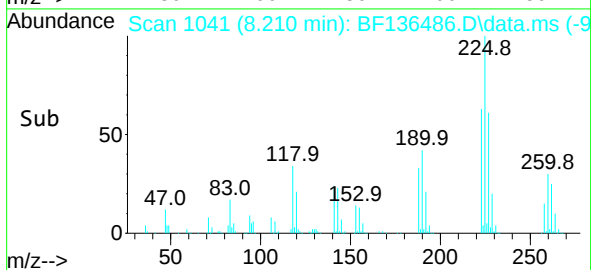
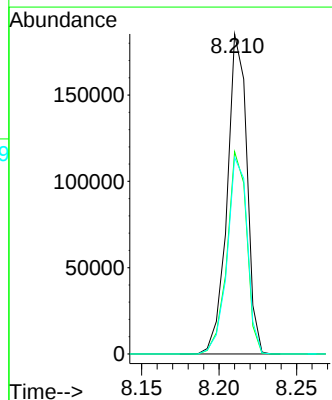
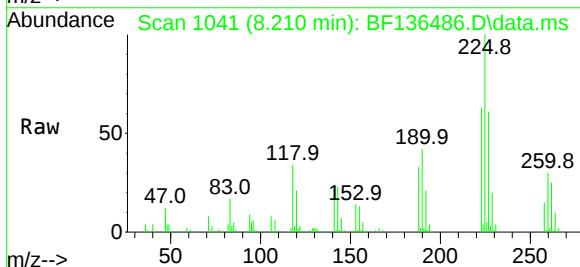
APPROVED

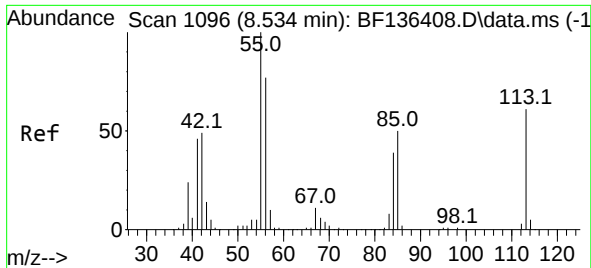
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#34
Hexachlorobutadiene
Concen: 35.710 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:225 Resp: 164265
Ion Ratio Lower Upper
225 100
223 63.2 50.8 76.2
227 61.4 49.8 74.8





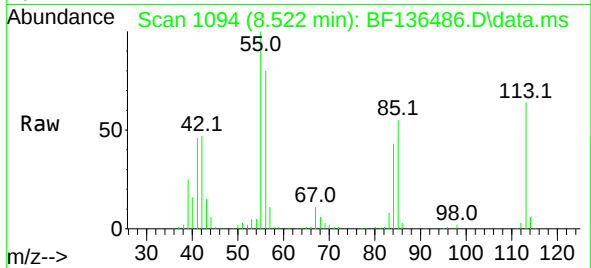
#35
 Caprolactam
 Concen: 39.480 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. -0.012 min
 Lab File: BF136486.D
 Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

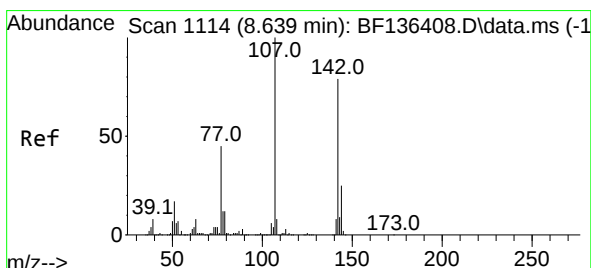
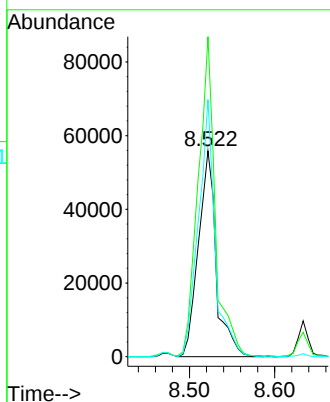
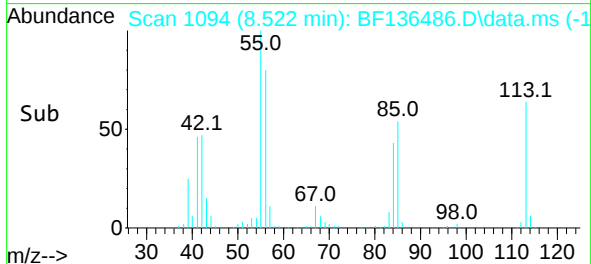


Tgt Ion:113 Resp: 80928
 Ion Ratio Lower Upper
 113 100
 55 155.5 143.7 183.7
 56 125.0 105.2 145.2

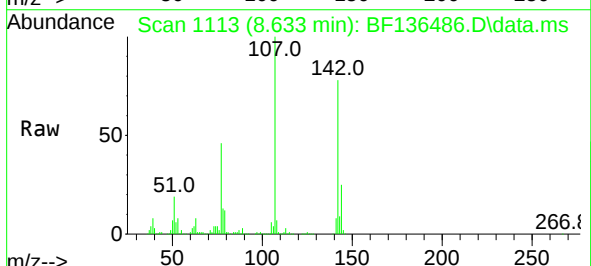
Manual Integrations

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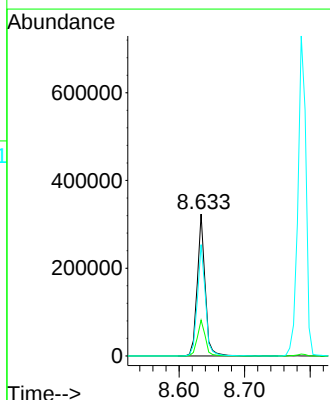
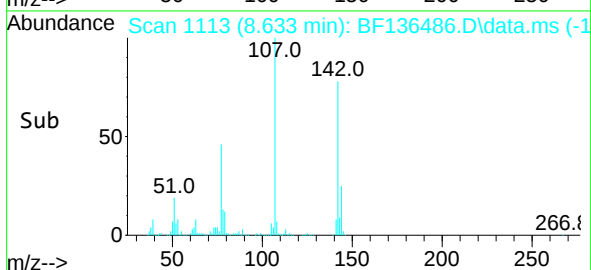
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

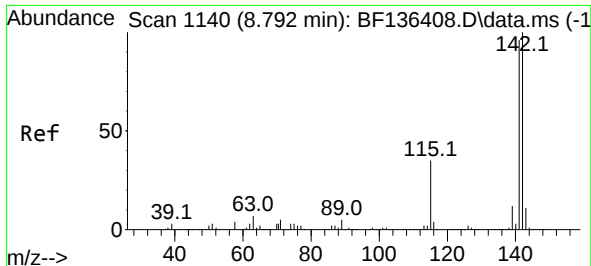


#36
 4-Chloro-3-methylphenol
 Concen: 38.201 ng
 RT: 8.633 min Scan# 1113
 Delta R.T. -0.006 min
 Lab File: BF136486.D
 Acq: 11 Dec 2023 12:51



Tgt Ion:107 Resp: 269990
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.1 30.1
 142 78.4 63.1 94.7





#37

2-Methylnaphthalene

Concen: 39.554 ng

RT: 8.786 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136486.D

Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 62038

Ion Ratio Lower Upper

142 100

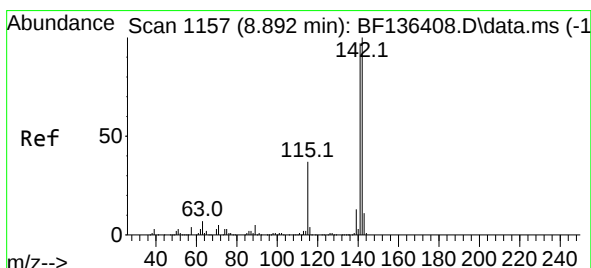
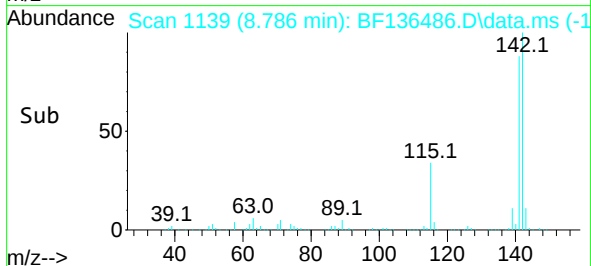
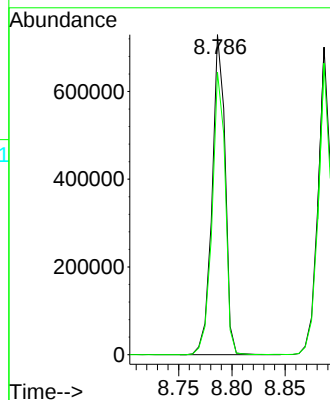
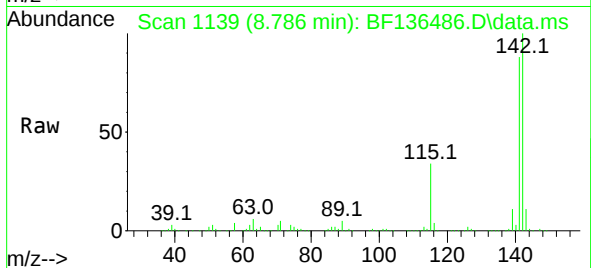
141 88.2 76.4 114.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#38

1-Methylnaphthalene

Concen: 36.868 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF136486.D

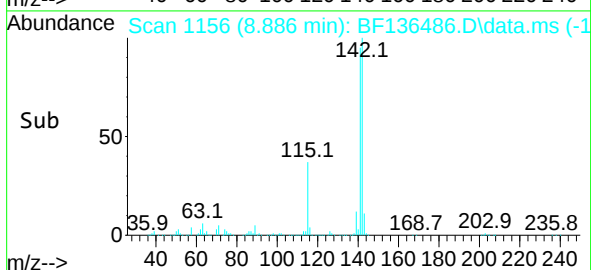
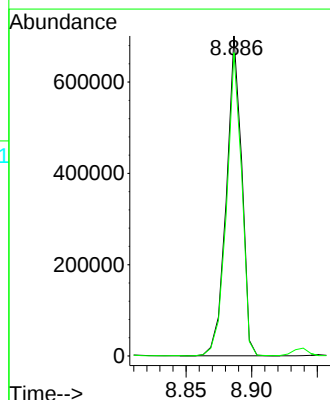
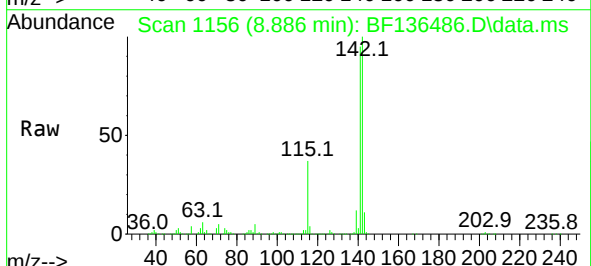
Acq: 11 Dec 2023 12:51

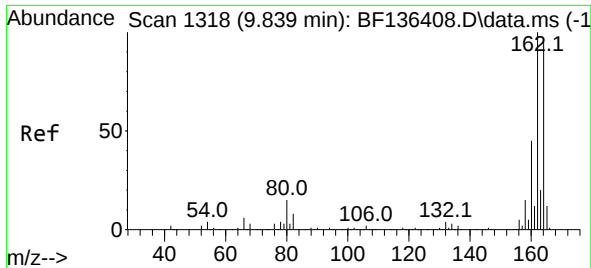
Tgt Ion:142 Resp: 567417

Ion Ratio Lower Upper

142 100

141 94.8 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF136486.D

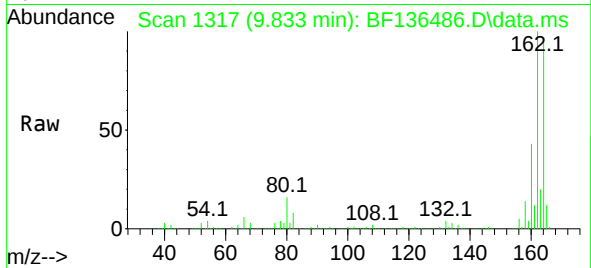
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 231038

Ion Ratio Lower Upper

164 100

162 105.0 84.4 126.6

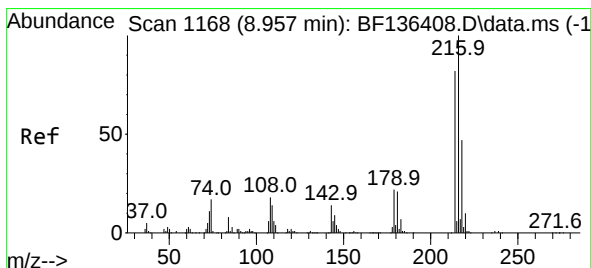
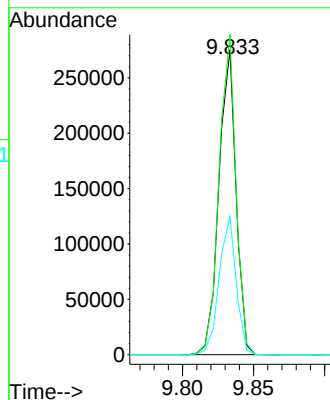
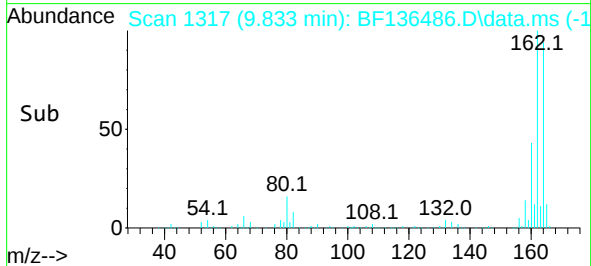
160 45.4 37.6 56.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.412 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF136486.D

Acq: 11 Dec 2023 12:51

Tgt Ion:216 Resp: 283287

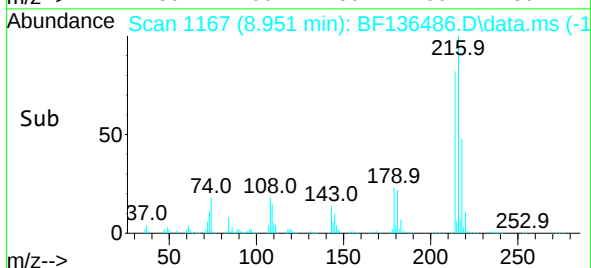
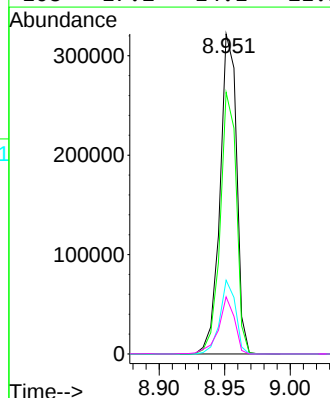
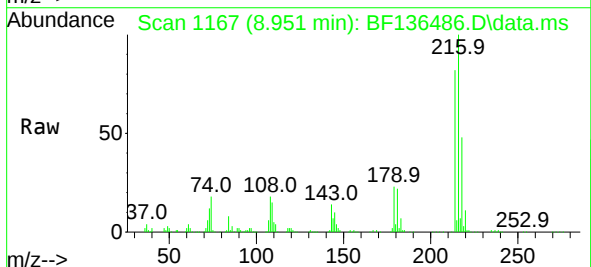
Ion Ratio Lower Upper

216 100

214 79.6 64.1 96.1

179 21.7 17.0 25.6

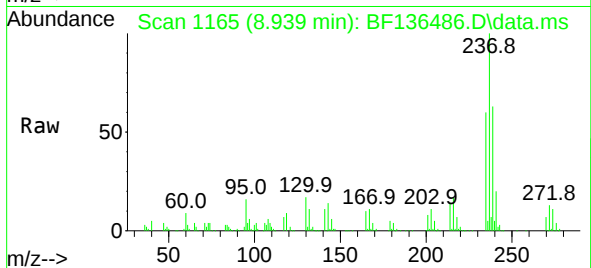
108 17.2 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 45.974 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

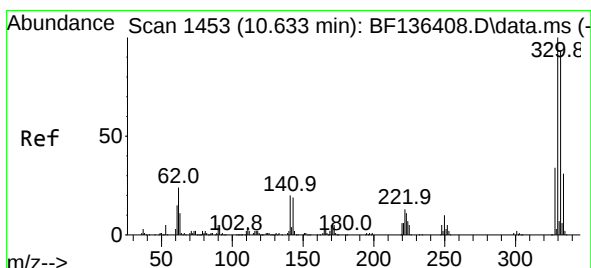
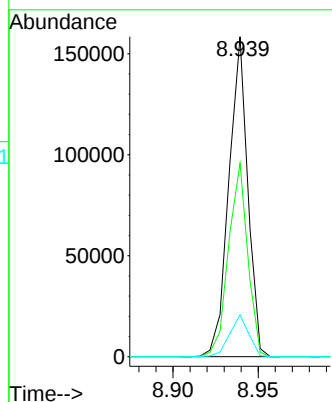
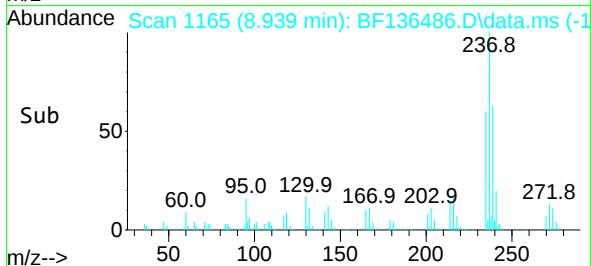
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



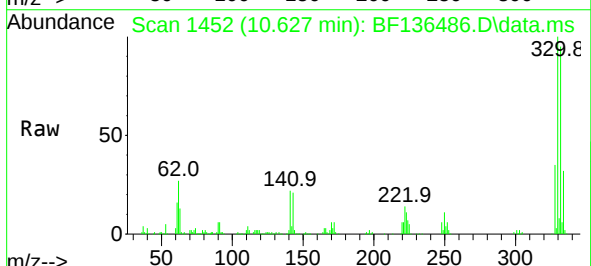
Tgt Ion:237 Resp: 122420
Ion Ratio Lower Upper
237 100
235 60.4 44.1 84.1
272 13.0 0.0 33.3

Manual Integrations
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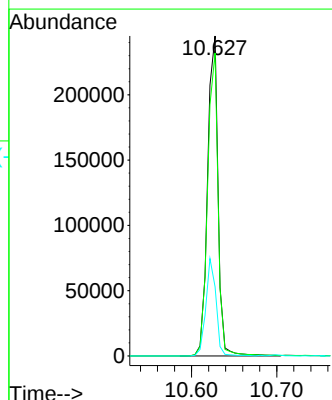
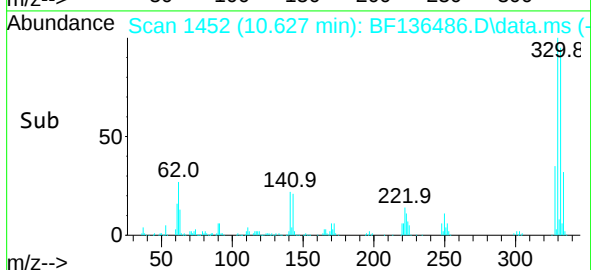
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

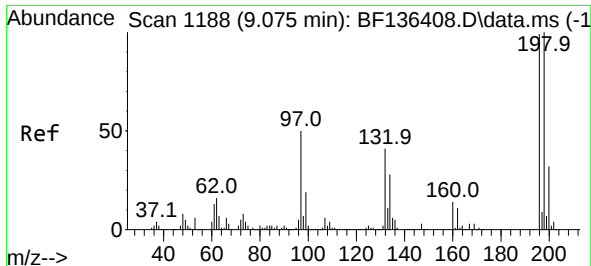


#42
2,4,6-Tribromophenol
Concen: 73.566 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



Tgt Ion:330 Resp: 209569
Ion Ratio Lower Upper
330 100
332 95.1 76.4 114.6
141 29.5 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 38.389 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

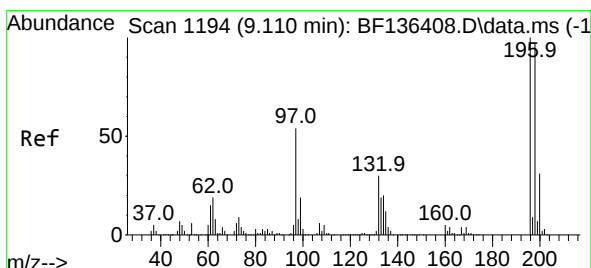
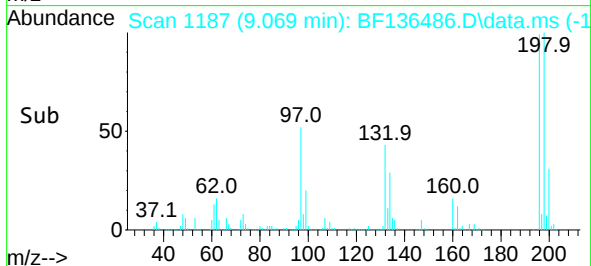
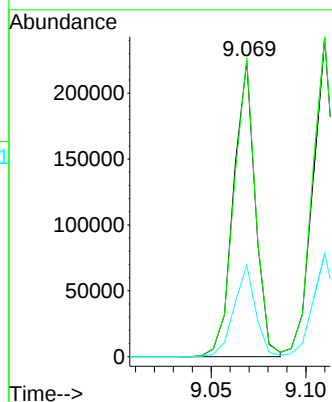
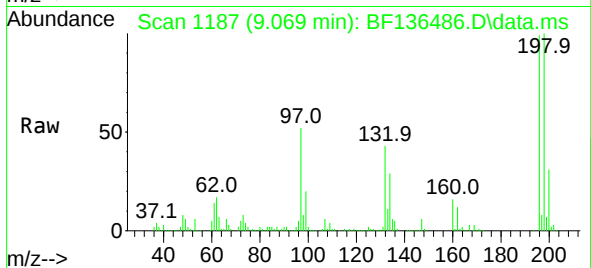
SSTDCCC040

Tgt Ion:196 Resp: 179670
Ion Ratio Lower Upper
196 100
198 101.0 80.4 120.6
200 31.0 25.9 38.9

Manual Integrations

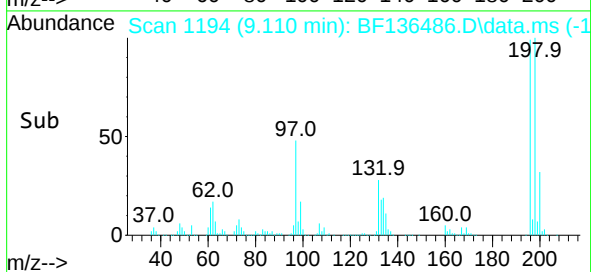
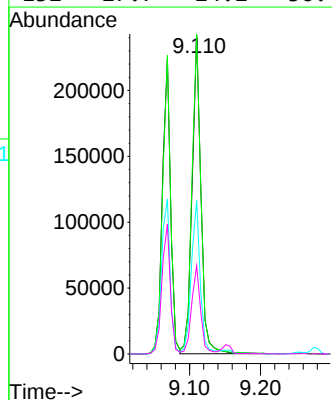
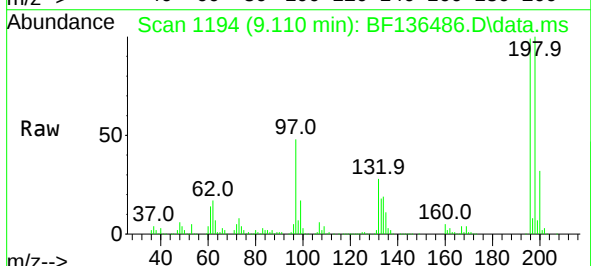
APPROVED

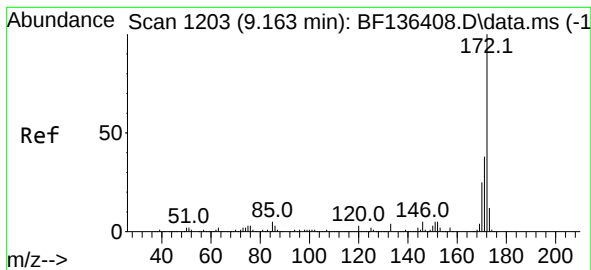
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#44
2,4,5-Trichlorophenol
Concen: 40.090 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:196 Resp: 209417
Ion Ratio Lower Upper
196 100
198 100.6 78.1 117.1
97 48.2 43.4 65.2
132 27.7 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 76.467 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136486.D

Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 129475

Ion Ratio Lower Upper

172 100

171 36.4 30.5 45.7

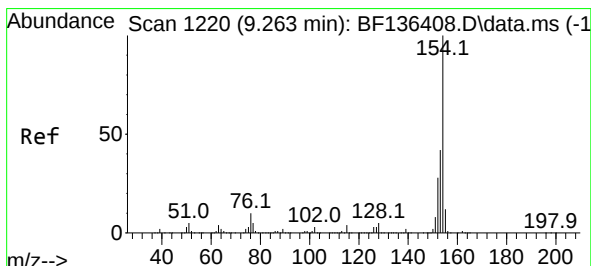
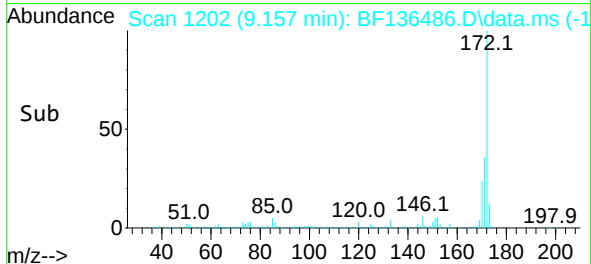
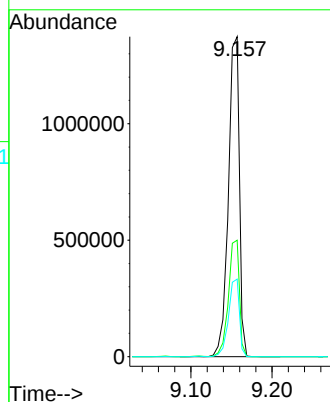
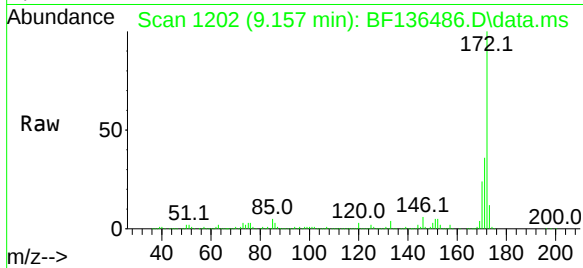
170 24.3 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#46

1,1'-Biphenyl

Concen: 38.148 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF136486.D

Acq: 11 Dec 2023 12:51

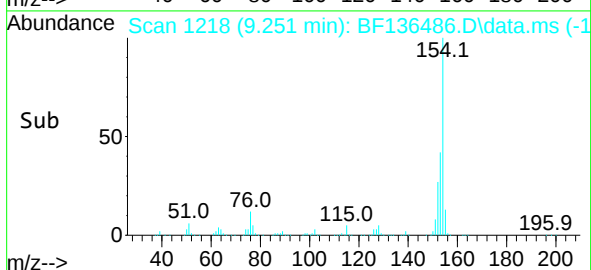
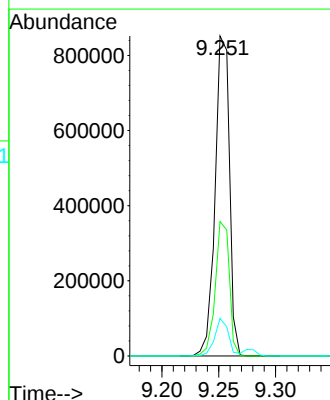
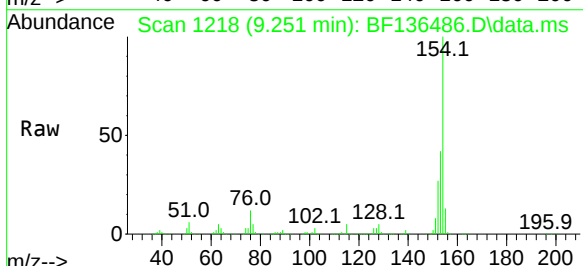
Tgt Ion:154 Resp: 749951

Ion Ratio Lower Upper

154 100

153 42.0 22.5 62.5

76 11.7 0.0 29.9





#47

2-Chloronaphthalene

Concen: 36.128 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136486.D

Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 55279

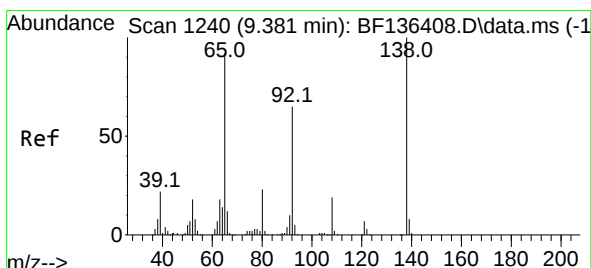
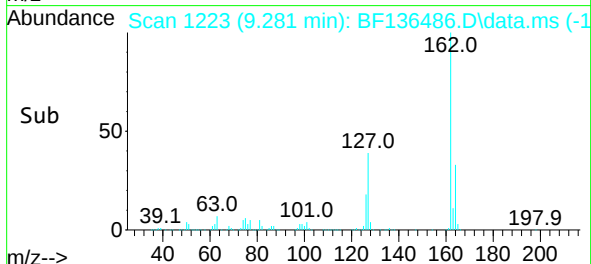
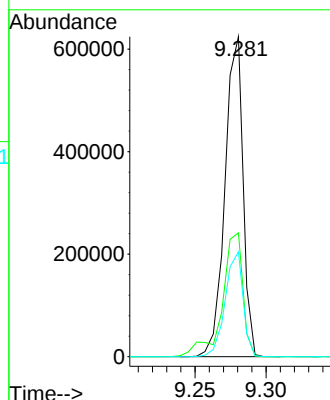
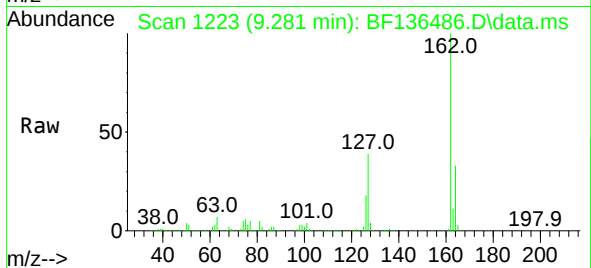
Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.1	46.7
164	32.8	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#48

2-Nitroaniline

Concen: 40.182 ng

RT: 9.375 min Scan# 1239

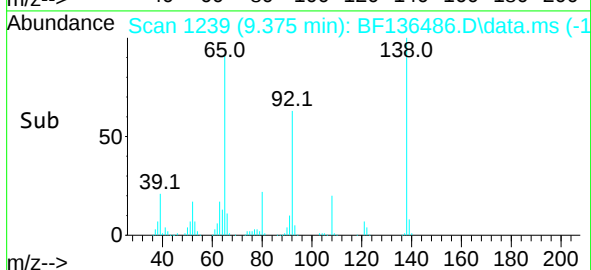
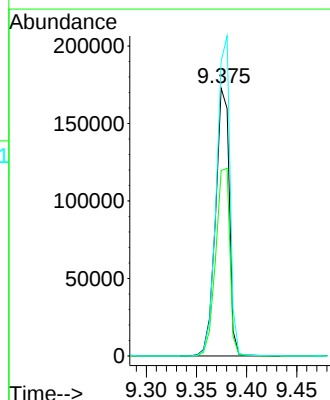
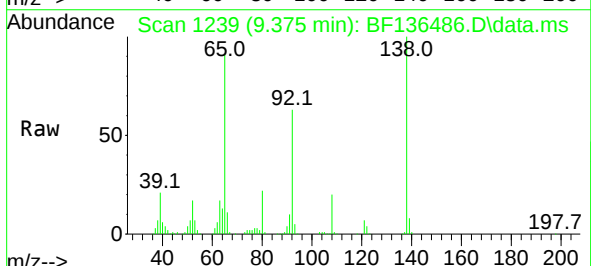
Delta R.T. -0.006 min

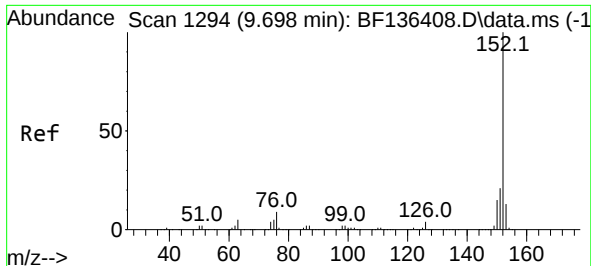
Lab File: BF136486.D

Acq: 11 Dec 2023 12:51

Tgt Ion: 65 Resp: 164898

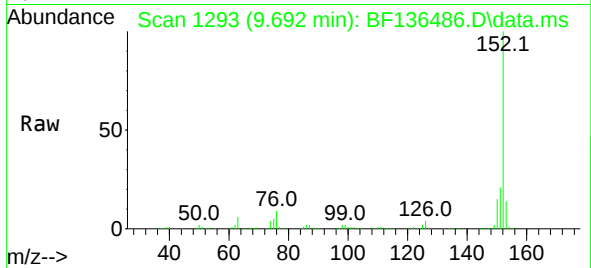
Ion	Ratio	Lower	Upper
65	100		
92	69.2	56.1	84.1
138	110.1	86.7	130.1





#49
Acenaphthylene
Concen: 39.492 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

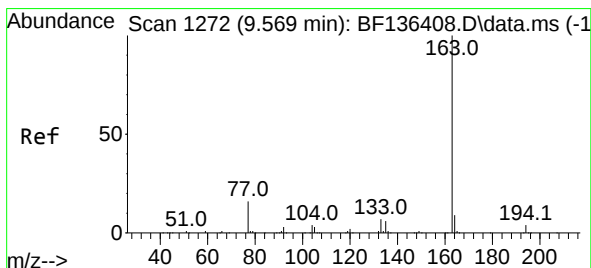
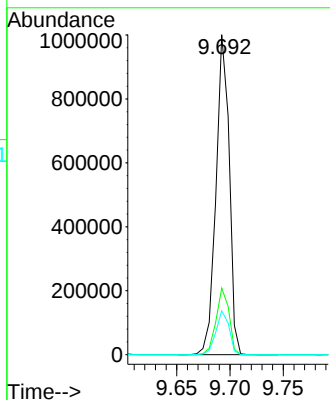
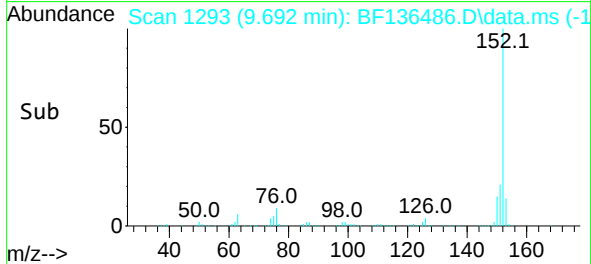
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



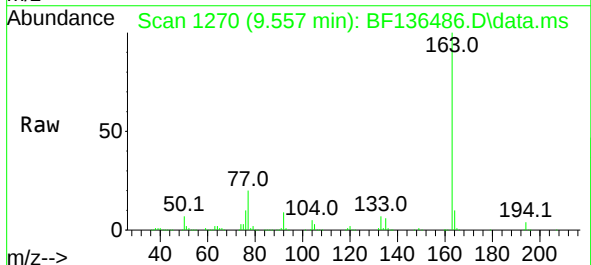
Tgt Ion:152 Resp: 86079
Ion Ratio Lower Upper
152 100
151 20.8 17.2 25.8
153 13.7 10.6 15.8

Manual Integrations
APPROVED

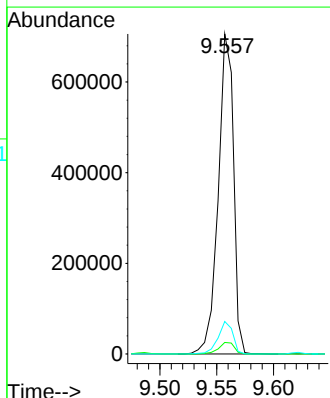
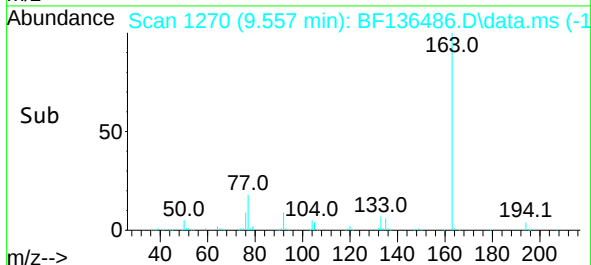
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

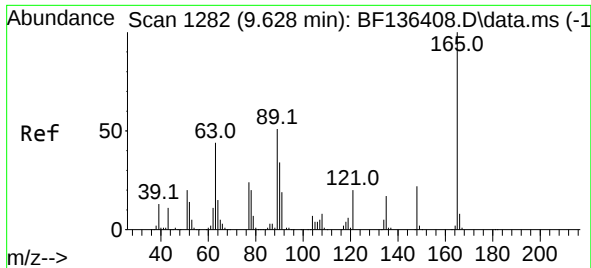


#50
Dimethylphthalate
Concen: 38.906 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



Tgt Ion:163 Resp: 661781
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.2 7.4 11.2





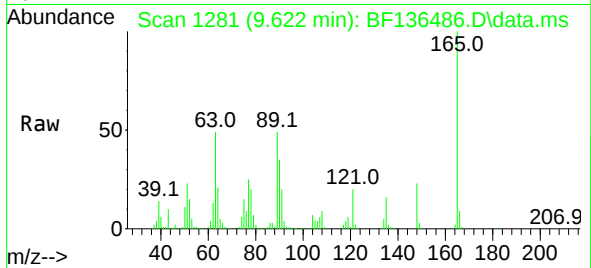
#51
2,6-Dinitrotoluene
Concen: 37.870 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



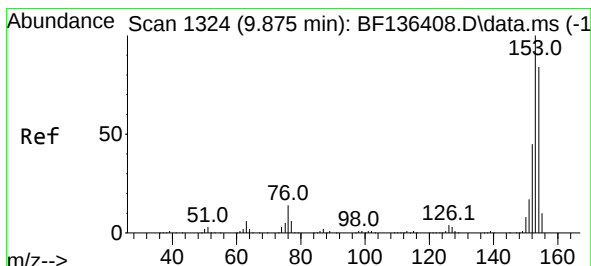
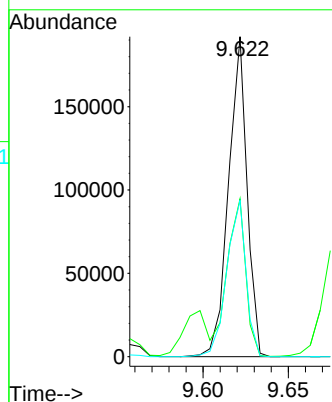
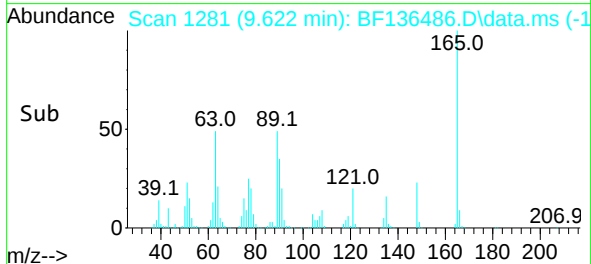
Tgt Ion:165 Resp: 144919
Ion Ratio Lower Upper
165 100
63 49.4 40.4 60.6
89 48.8 40.6 60.8

Manual Integrations

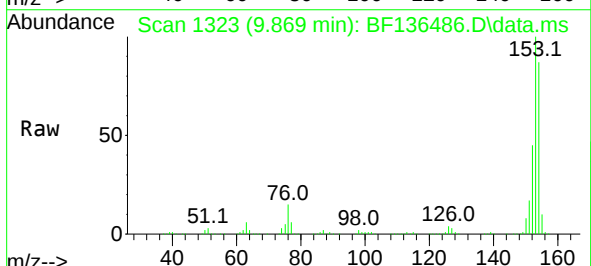
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

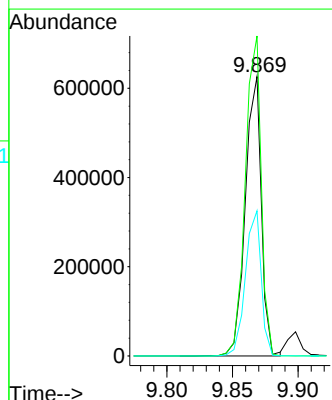
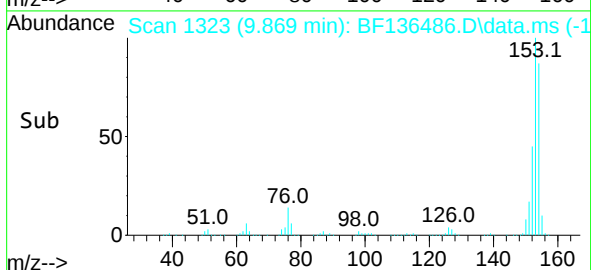
Supervised By :mohammad ahmed 12/14/2023

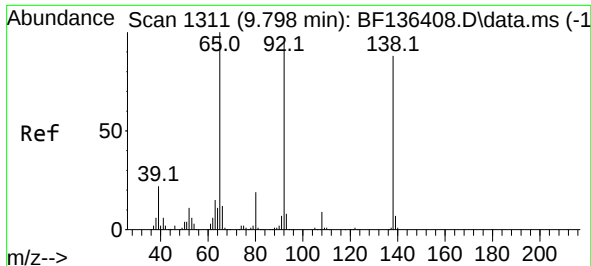


#52
Acenaphthene
Concen: 38.243 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



Tgt Ion:154 Resp: 534155
Ion Ratio Lower Upper
154 100
153 114.5 95.3 142.9
152 51.9 43.2 64.8





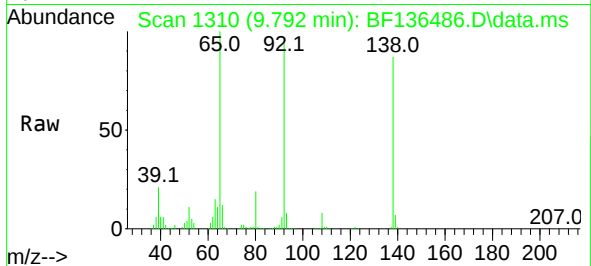
#53
3-Nitroaniline
Concen: 40.914 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

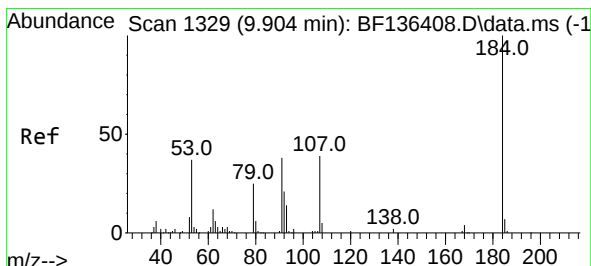
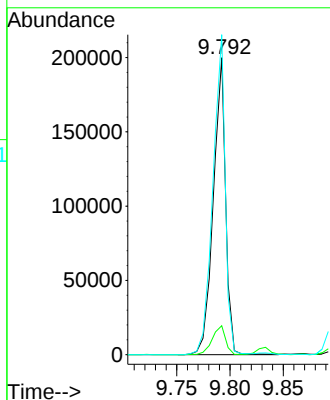
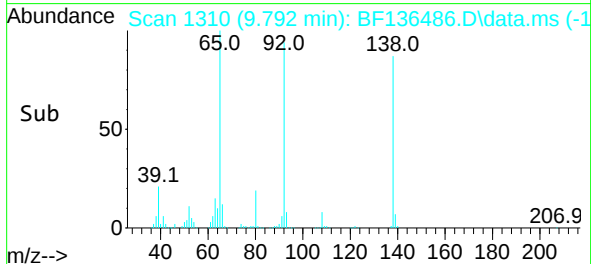


Tgt Ion:138 Resp: 15988
Ion Ratio Lower Upper
138 100
108 9.7 8.5 12.7
92 107.8 86.1 129.1

Manual Integrations

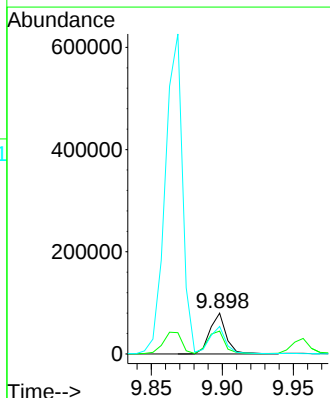
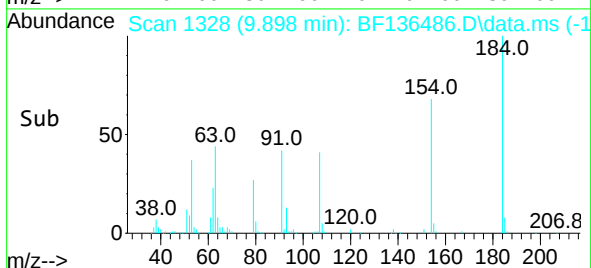
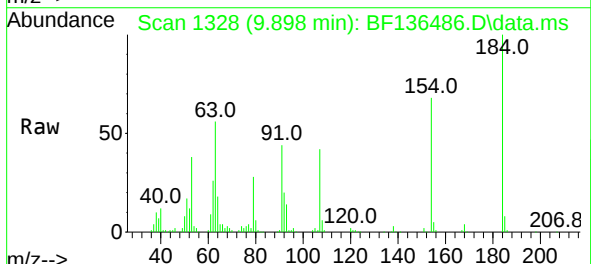
APPROVED

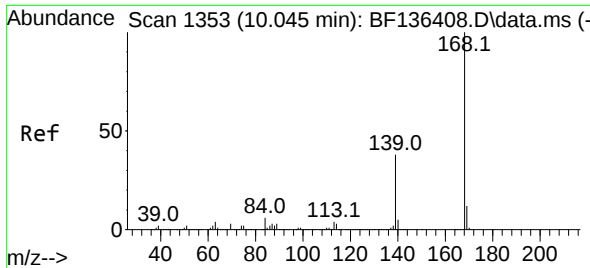
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#54
2,4-Dinitrophenol
Concen: 33.276 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:184 Resp: 64382
Ion Ratio Lower Upper
184 100
63 56.1 39.1 58.7
154 67.6 49.9 74.9





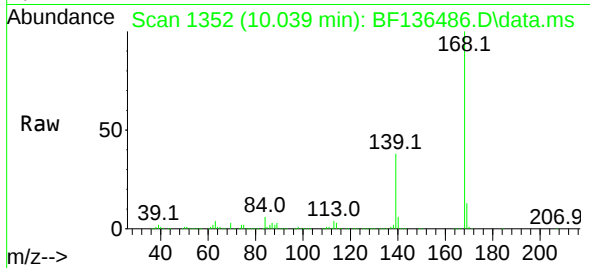
#55
Dibenzenofuran
Concen: 38.528 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



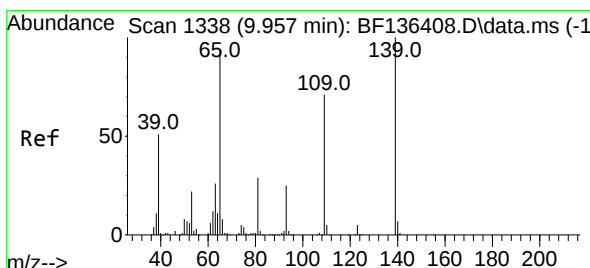
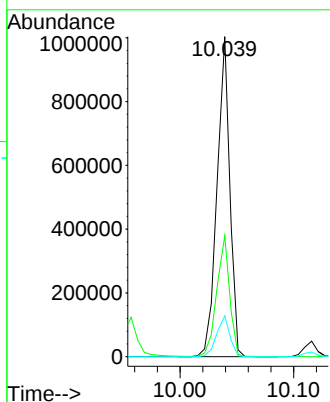
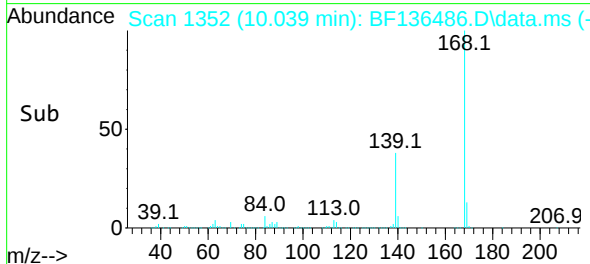
Tgt Ion:168 Resp: 78614
Ion Ratio Lower Upper
168 100
139 37.8 30.4 45.6
169 12.8 9.9 14.9

Manual Integrations

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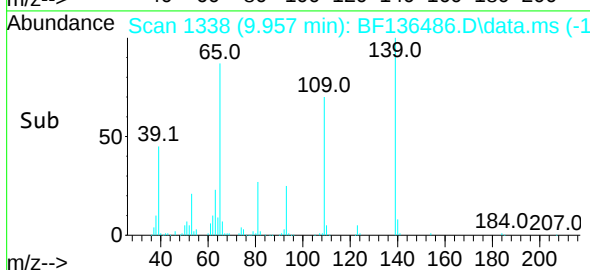
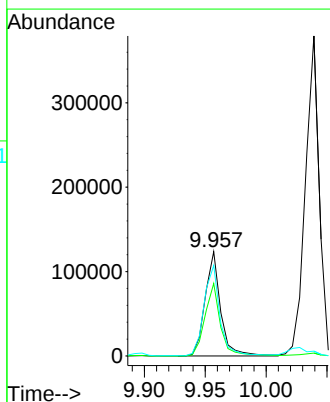
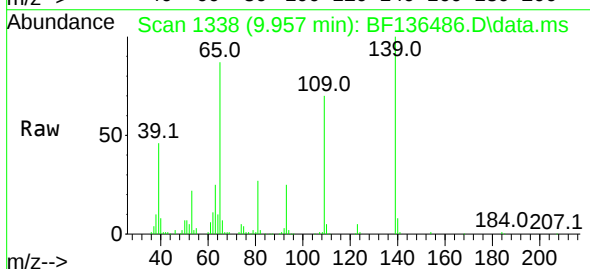
Reviewed By :Yogesh Patel 12/14/2023

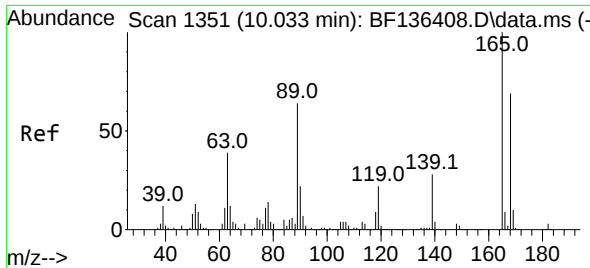
Supervised By :mohammad ahmed 12/14/2023



#56
4-Nitrophenol
Concen: 37.453 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:139 Resp: 109716
Ion Ratio Lower Upper
139 100
109 69.5 50.6 90.6
65 86.8 73.1 113.1





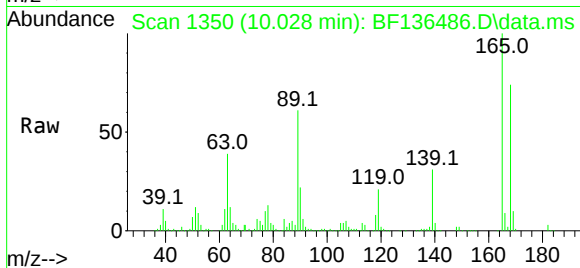
#57
2,4-Dinitrotoluene
Concen: 36.932 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

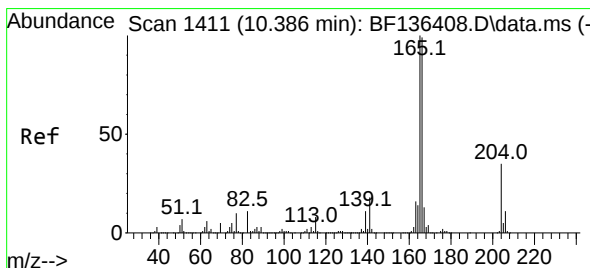
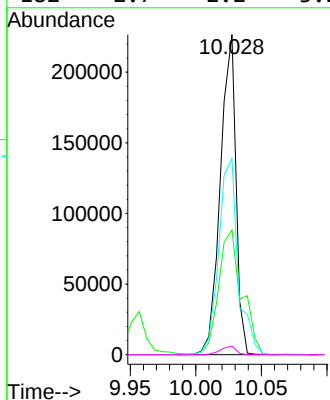
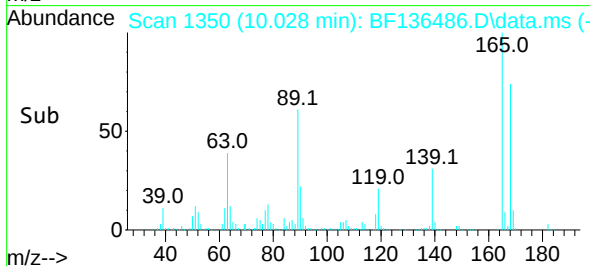


Tgt Ion:165 Resp: 186962
Ion Ratio Lower Upper
165 100
63 39.0 31.4 47.2
89 61.3 51.7 77.5
182 2.7 2.2 3.2

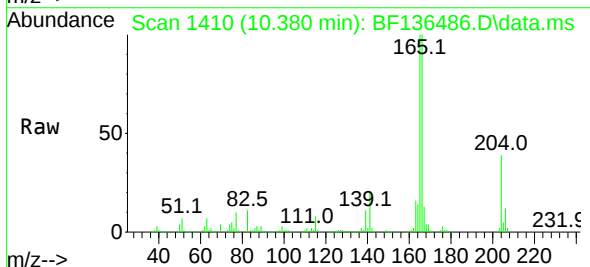
Manual Integrations

APPROVED

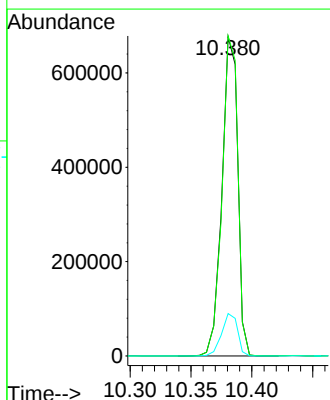
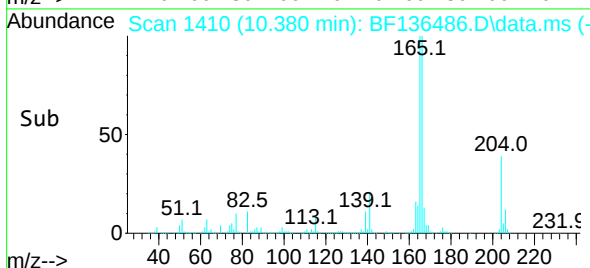
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

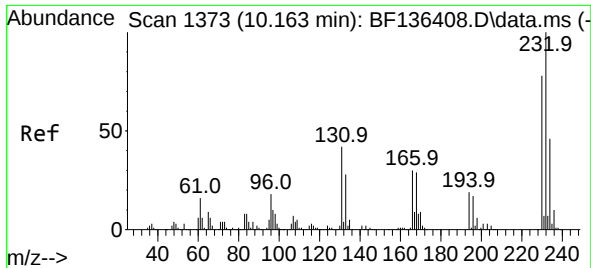


#58
Fluorene
Concen: 37.413 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



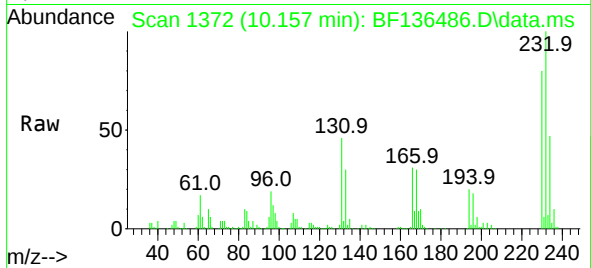
Tgt Ion:166 Resp: 612816
Ion Ratio Lower Upper
166 100
165 100.2 80.5 120.7
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.053 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

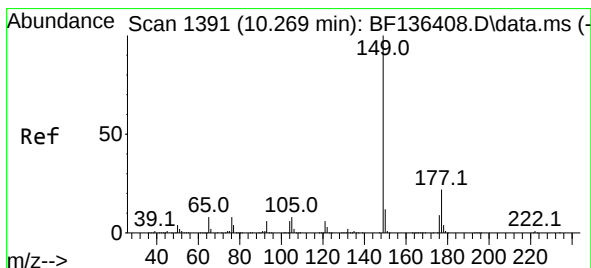
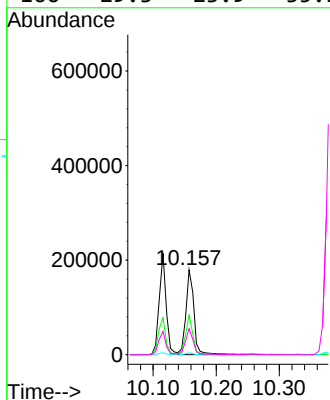
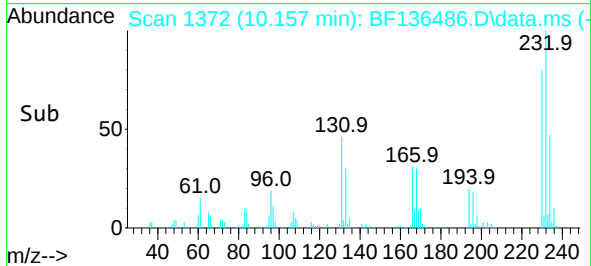
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



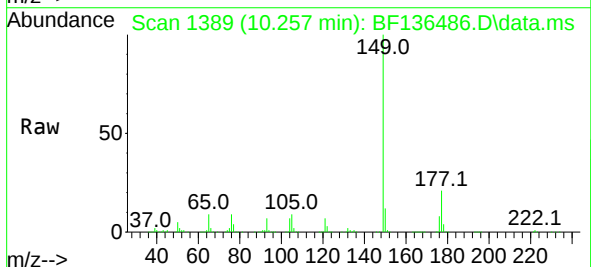
Tgt Ion:232 Resp: 159221
Ion Ratio Lower Upper
232 100
131 42.2 34.3 51.5
130 2.0 1.6 2.4
166 29.3 23.9 35.9

Manual Integrations
APPROVED

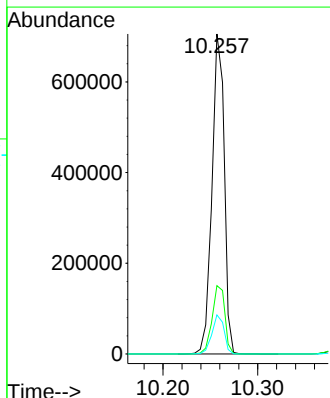
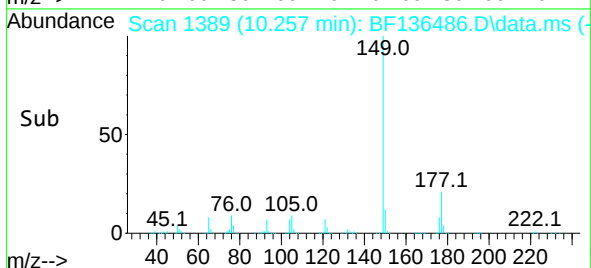
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

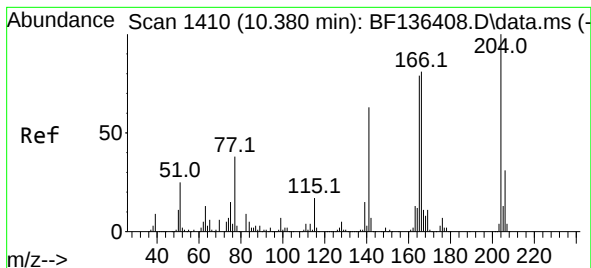


#60
Diethylphthalate
Concen: 37.814 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



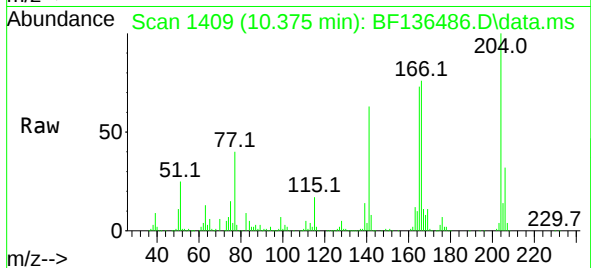
Tgt Ion:149 Resp: 632483
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.8
150 12.2 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 38.008 ng
RT: 10.375 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

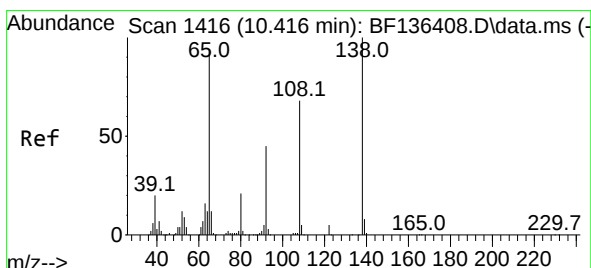
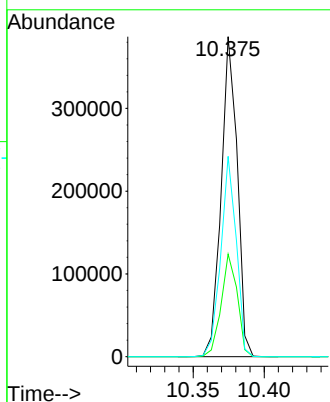
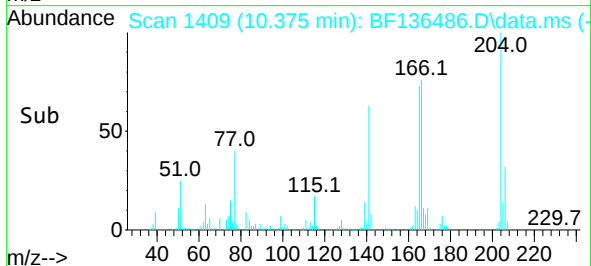
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



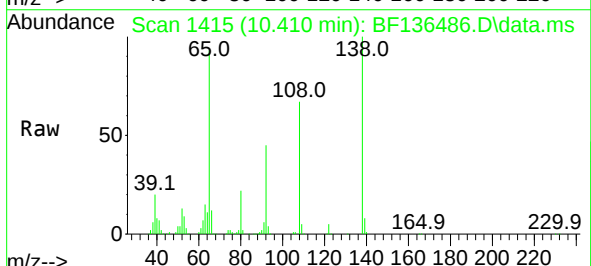
Tgt Ion:204 Resp: 303489
Ion Ratio Lower Upper
204 100
206 32.1 24.6 36.8
141 62.6 50.3 75.5

Manual Integrations
APPROVED

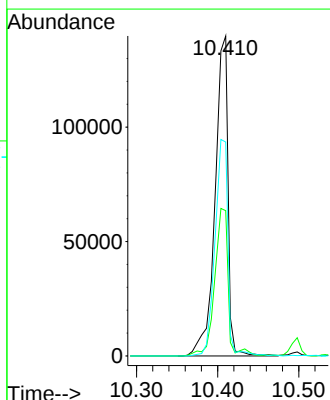
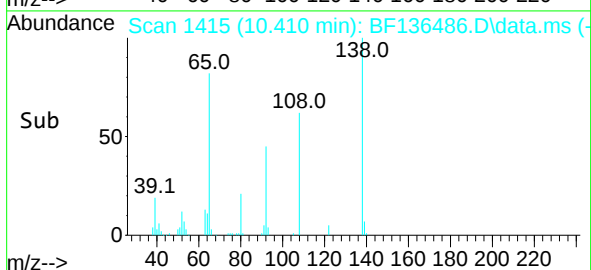
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

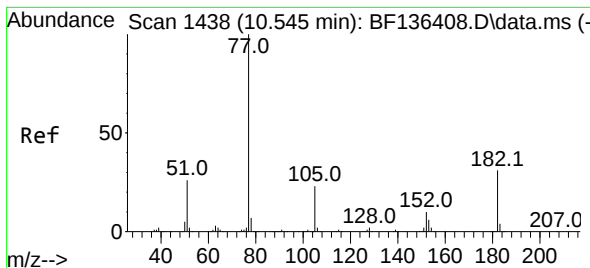


#62
4-Nitroaniline
Concen: 40.026 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



Tgt Ion:138 Resp: 155310
Ion Ratio Lower Upper
138 100
92 45.4 25.0 65.0
108 66.8 47.9 87.9





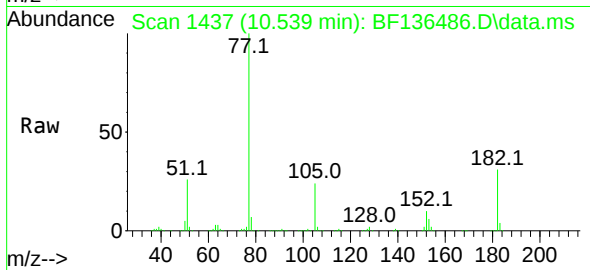
#63
Azobenzene
Concen: 37.751 ng
RT: 10.539 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

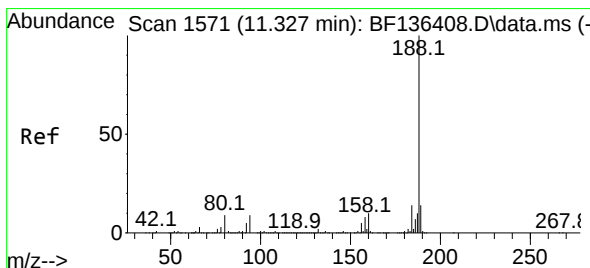
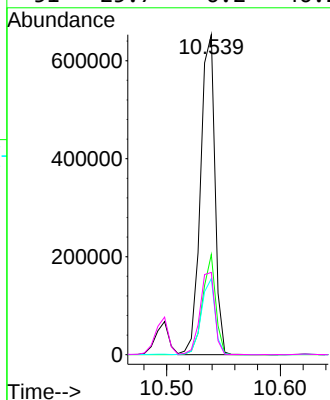
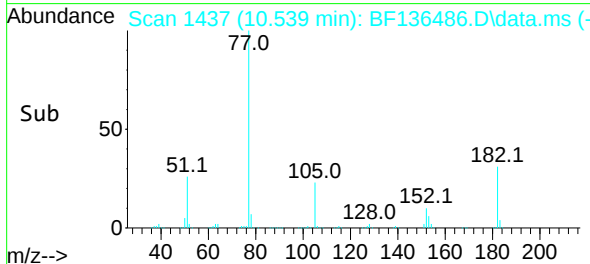


Tgt Ion: 77 Resp: 574733
Ion Ratio Lower Upper
77 100
182 31.3 10.8 50.8
105 23.7 2.6 42.6
51 25.7 6.2 46.2

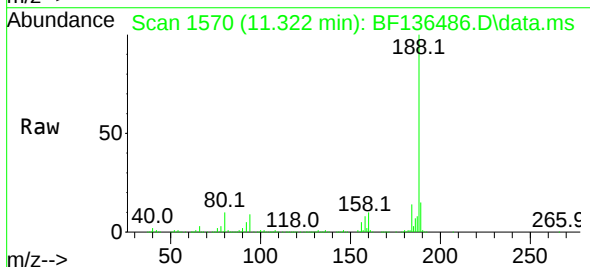
Manual Integrations

APPROVED

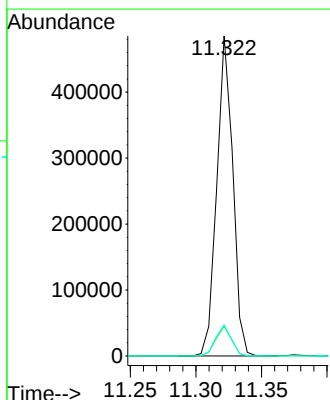
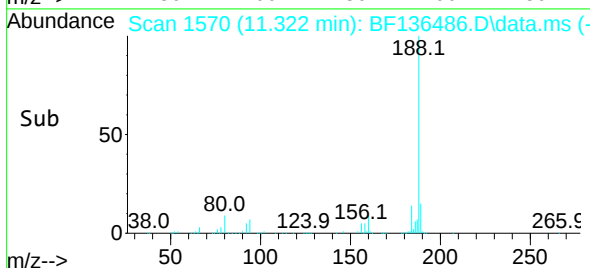
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

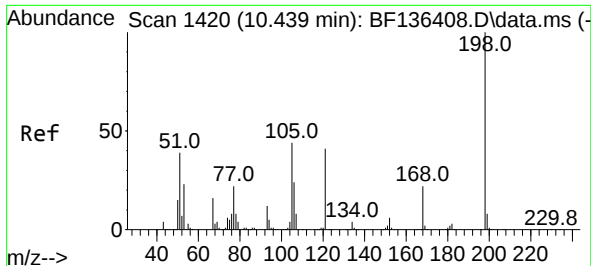


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



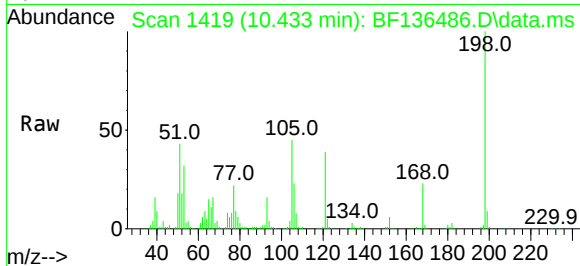
Tgt Ion:188 Resp: 411285
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.7 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 39.924 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

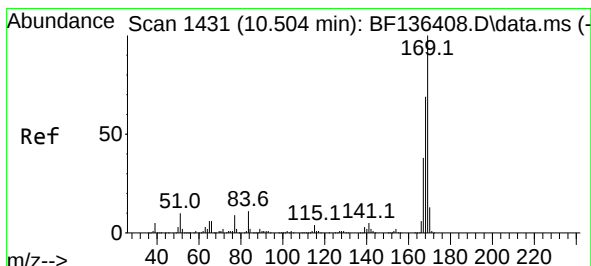
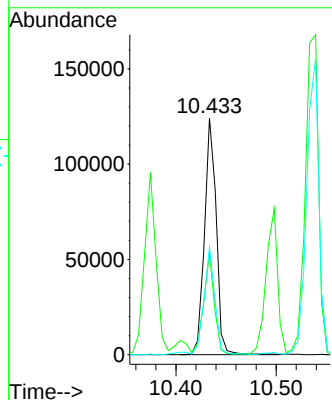
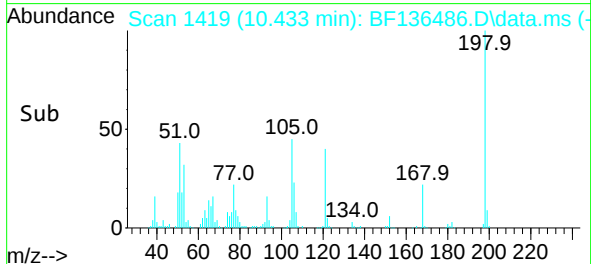
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



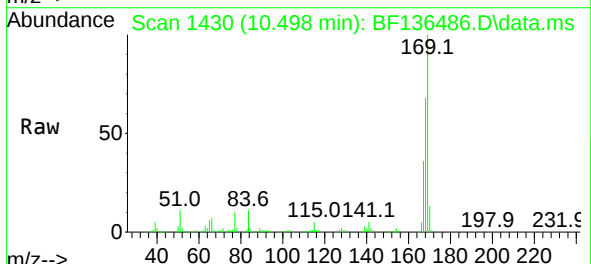
Tgt Ion:198 Resp: 101691
Ion Ratio Lower Upper
198 100
51 42.8 24.1 64.1
105 45.4 24.8 64.8

Manual Integrations
APPROVED

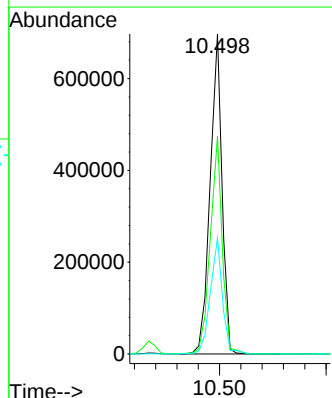
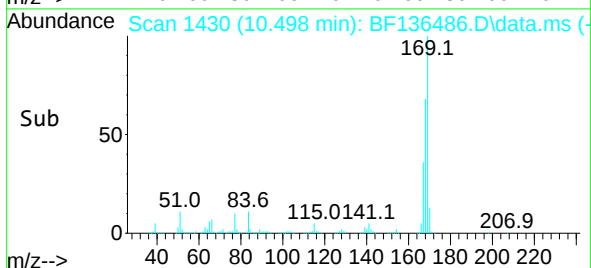
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

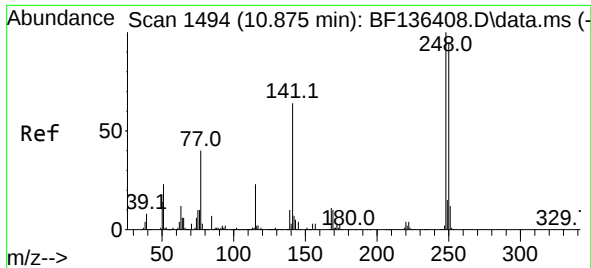


#66
n-Nitrosodiphenylamine
Concen: 41.092 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



Tgt Ion:169 Resp: 542297
Ion Ratio Lower Upper
169 100
168 68.1 55.3 82.9
167 36.3 30.1 45.1





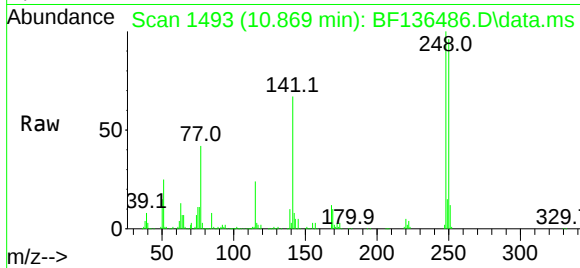
#67
4-Bromophenyl-phenylether
Concen: 39.868 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



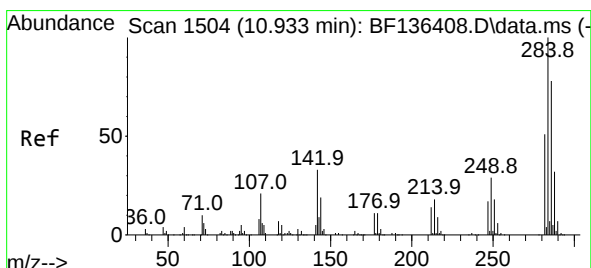
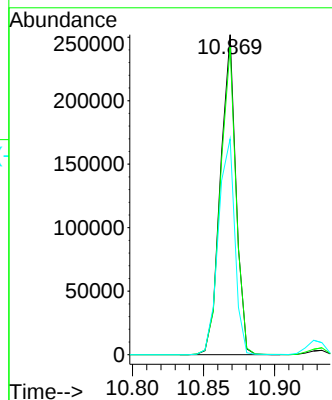
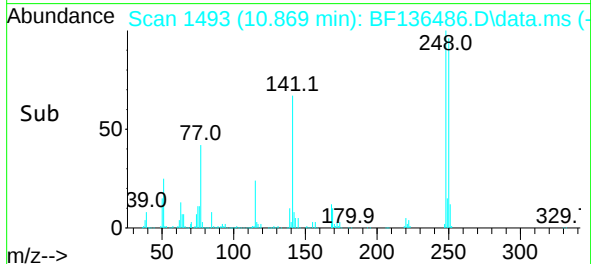
Tgt Ion:248 Resp: 19064
Ion Ratio Lower Upper
248 100
250 96.1 76.2 114.2
141 67.5 51.0 76.4

Manual Integrations

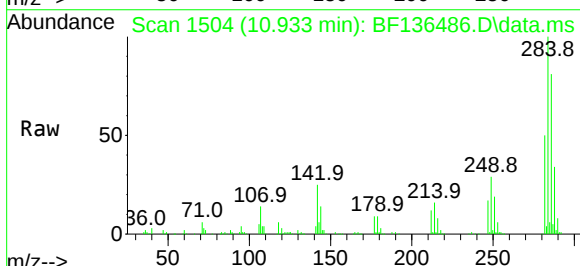
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

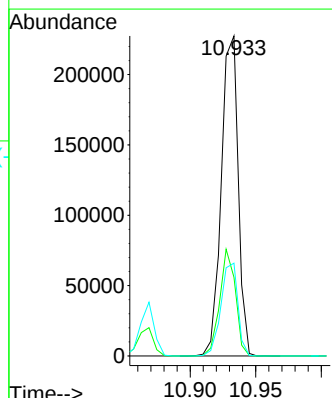
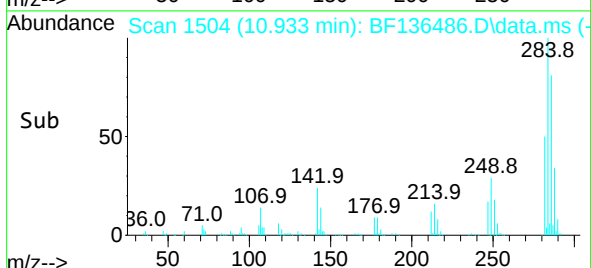
Supervised By :mohammad ahmed 12/14/2023

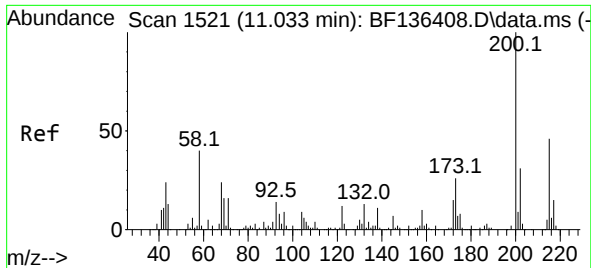


#68
Hexachlorobenzene
Concen: 36.822 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



Tgt Ion:284 Resp: 203504
Ion Ratio Lower Upper
284 100
142 24.6 26.5 39.7#
249 29.0 23.4 35.0





#69
Atrazine
Concen: 33.844 ng
RT: 11.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

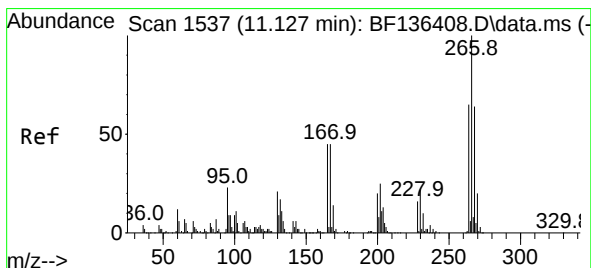
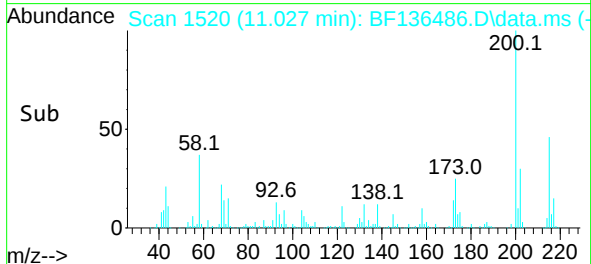
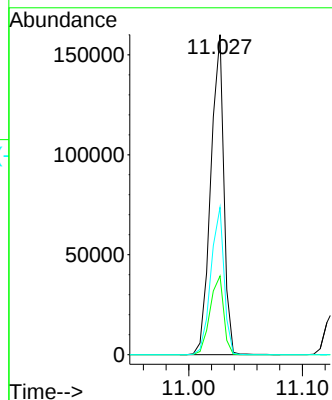
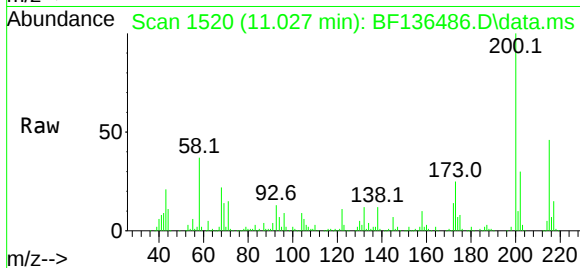
SSTDCCC040

Tgt Ion:200 Resp: 12748
Ion Ratio Lower Upper
200 100
173 24.6 6.0 46.0
215 46.1 25.5 65.5

Manual Integrations

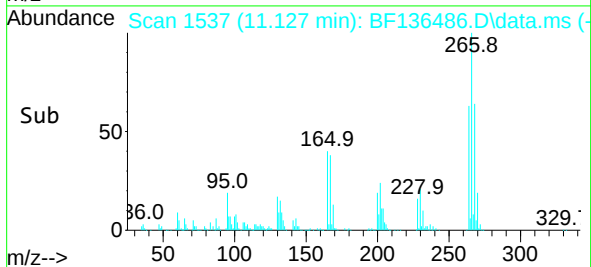
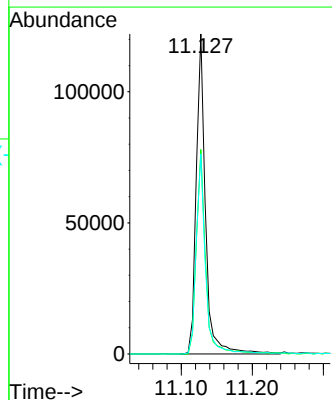
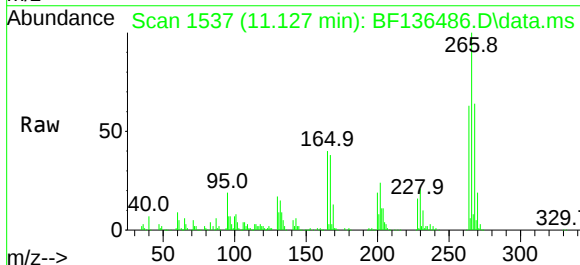
APPROVED

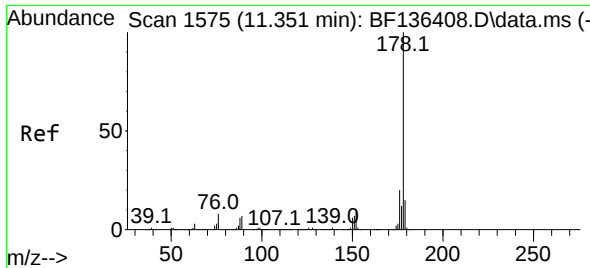
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#70
Pentachlorophenol
Concen: 35.670 ng
RT: 11.127 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:266 Resp: 111261
Ion Ratio Lower Upper
266 100
268 63.9 51.0 76.6
264 62.5 52.2 78.4





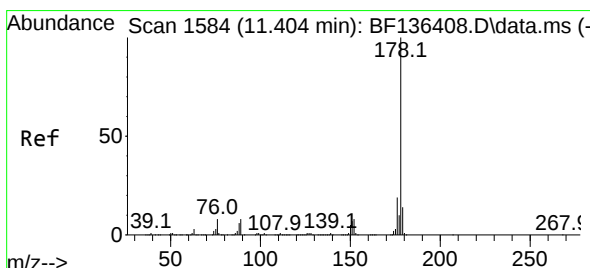
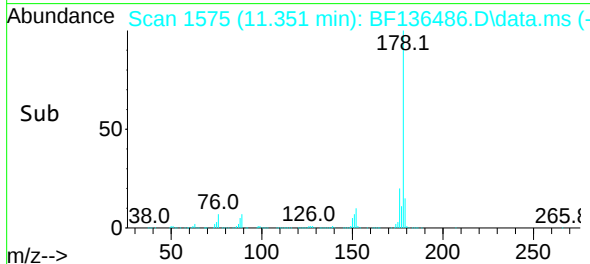
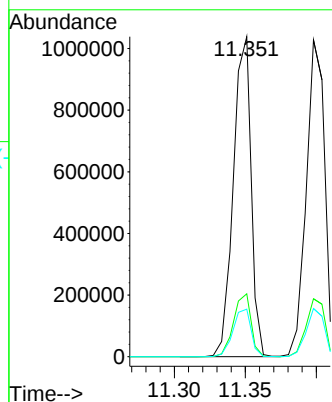
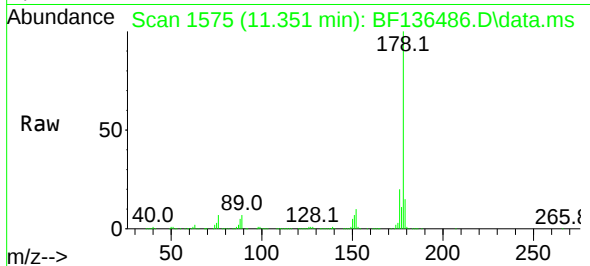
#71
Phenanthrene
Concen: 40.001 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 904268
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 14.9 11.8 17.6

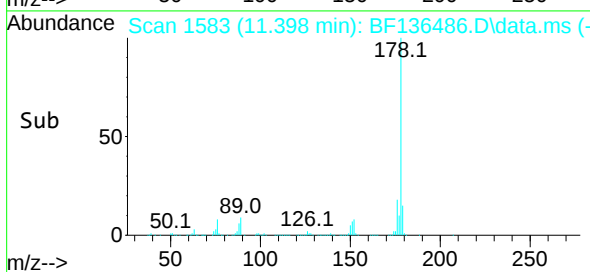
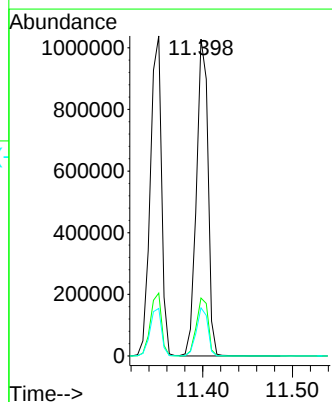
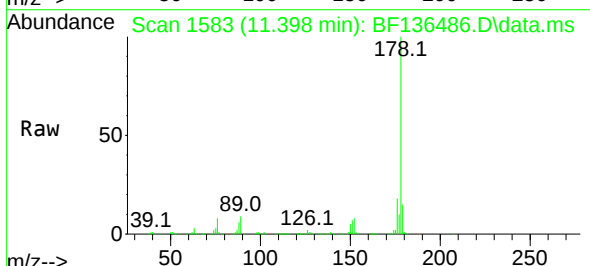
Manual Integrations
APPROVED

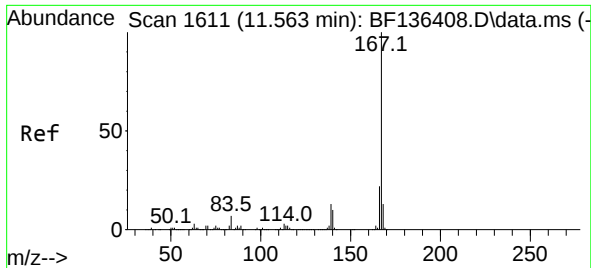
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#72
Anthracene
Concen: 40.462 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:178 Resp: 921292
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.2 11.4 17.0





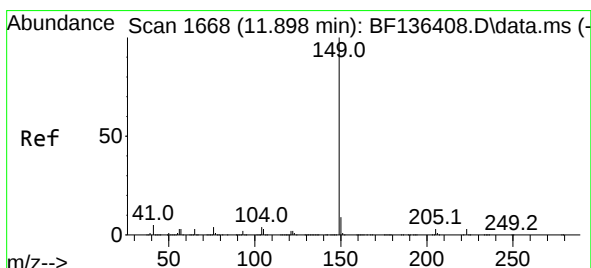
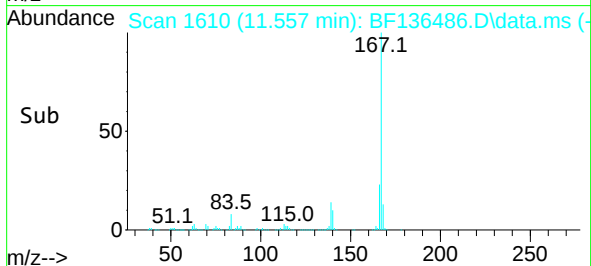
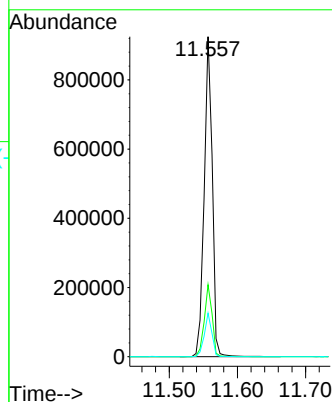
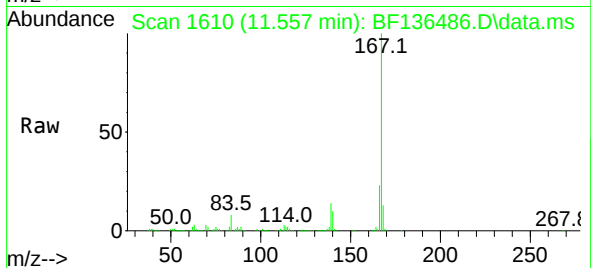
#73
Carbazole
Concen: 37.870 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 76317
Ion Ratio Lower Upper
167 100
166 22.5 18.0 27.0
139 13.6 10.2 15.4

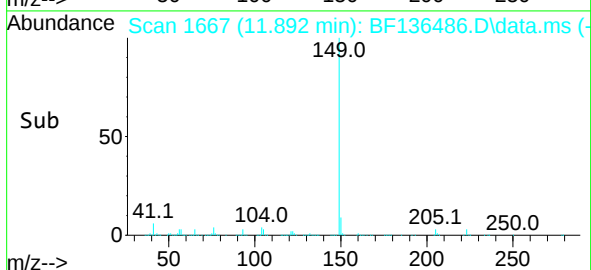
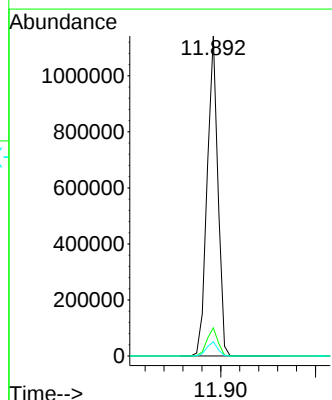
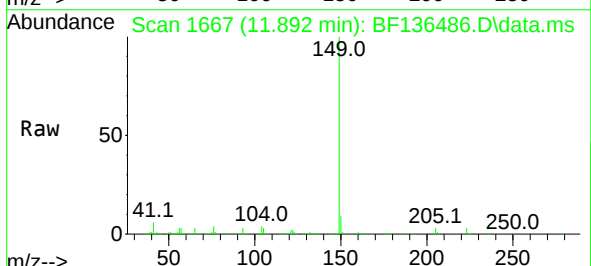
Manual Integrations
APPROVED

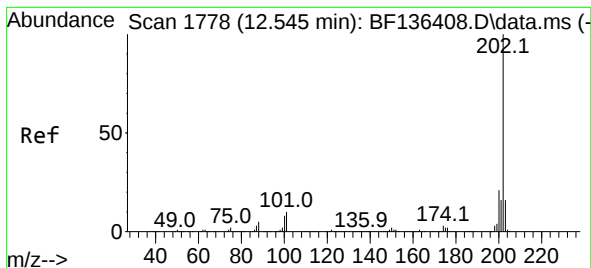
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#74
Di-n-butylphthalate
Concen: 36.330 ng
RT: 11.892 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

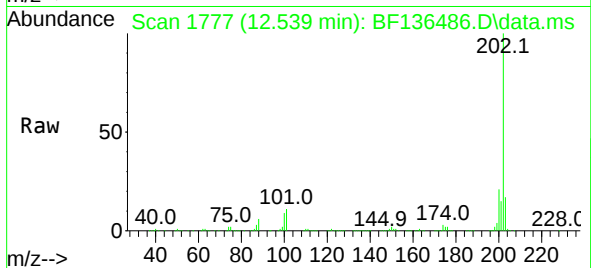
Tgt Ion:149 Resp: 897524
Ion Ratio Lower Upper
149 100
150 8.8 6.9 10.3
104 4.5 3.5 5.3





#75
Fluoranthene
Concen: 35.970 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

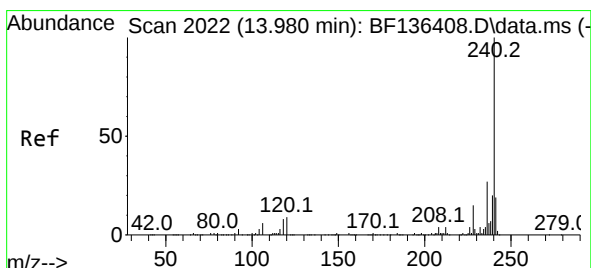
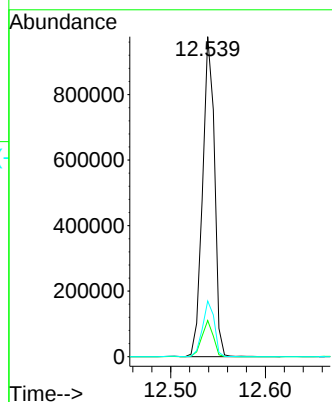
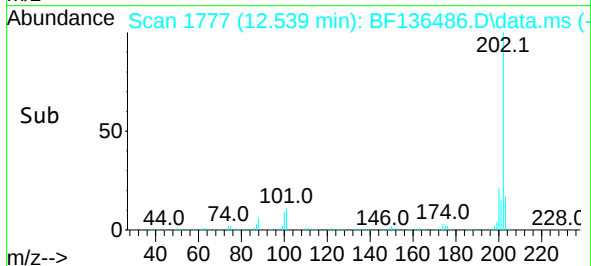
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



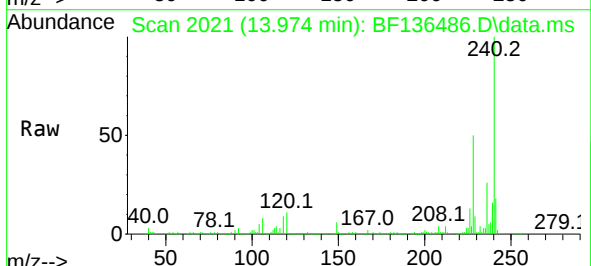
Tgt Ion:202 Resp: 852111
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.9
203 17.4 0.0 36.3

Manual Integrations
APPROVED

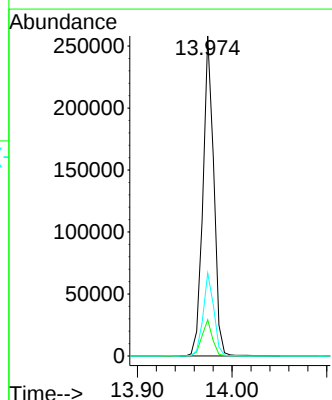
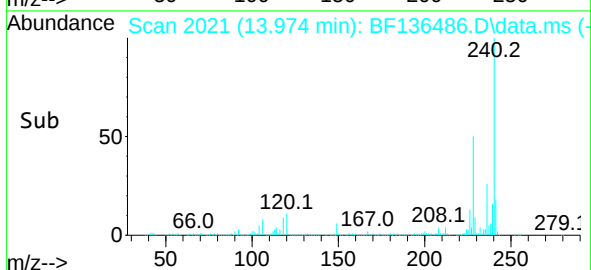
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

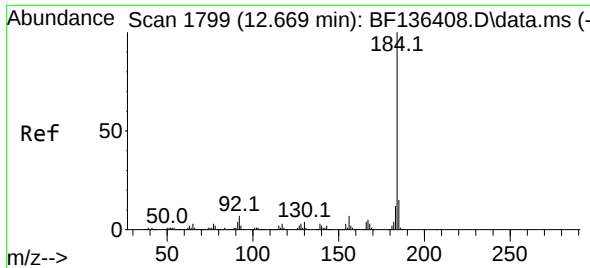


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



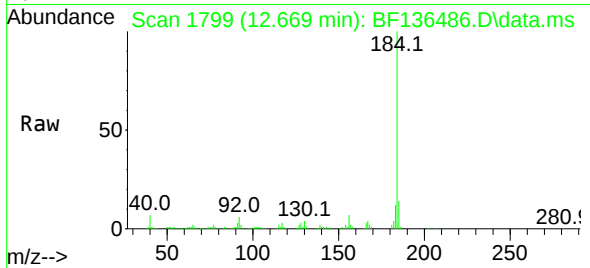
Tgt Ion:240 Resp: 204768
Ion Ratio Lower Upper
240 100
120 11.3 7.3 10.9#
236 25.9 21.3 31.9





#77
Benzidine
Concen: 33.813 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

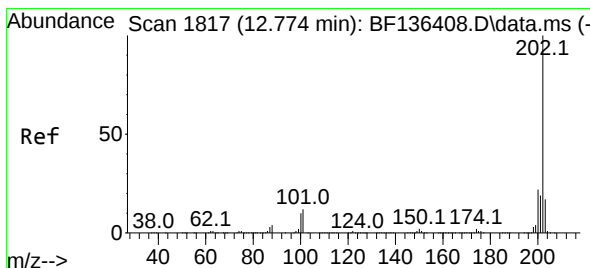
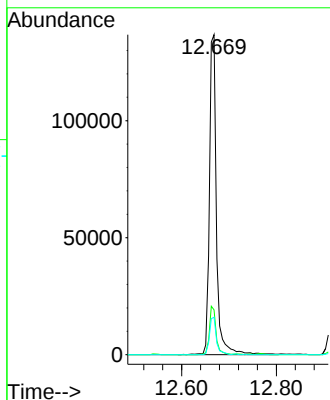
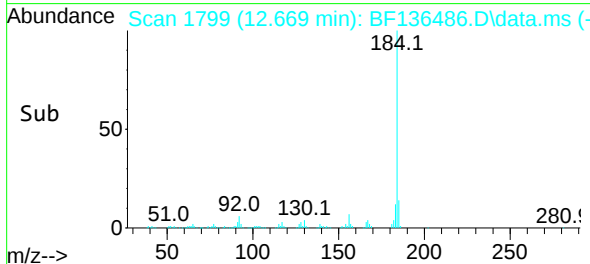
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



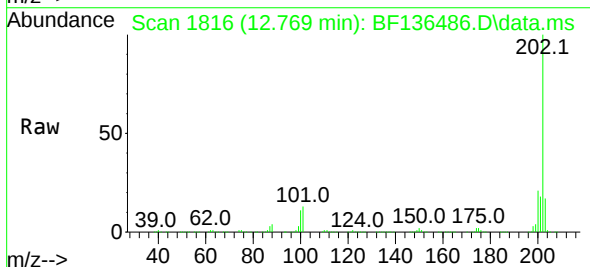
Tgt Ion:184 Resp: 141570
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 11.7 9.4 14.0

Manual Integrations
APPROVED

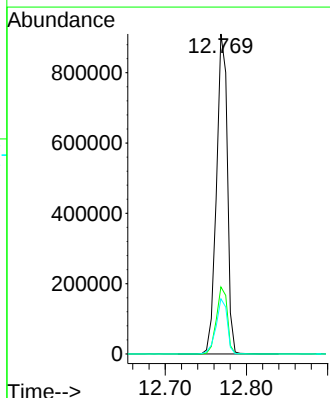
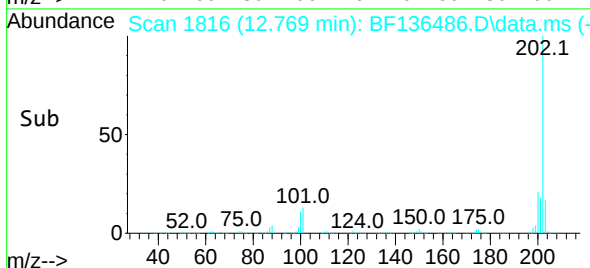
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

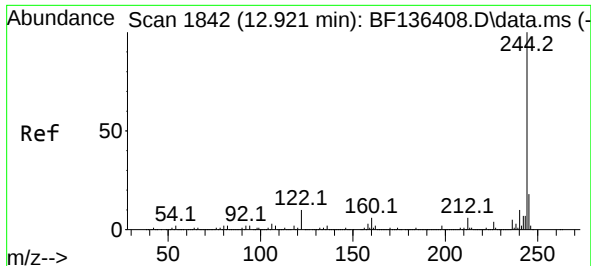


#78
Pyrene
Concen: 42.148 ng
RT: 12.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



Tgt Ion:202 Resp: 845241
Ion Ratio Lower Upper
202 100
200 20.9 18.0 27.0
203 17.2 13.5 20.3





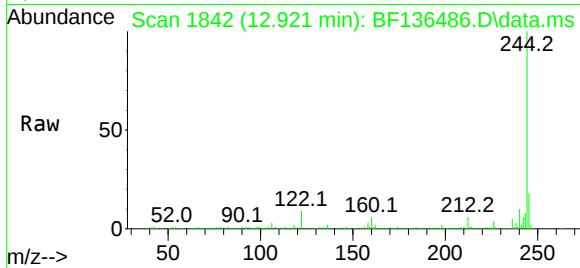
#79
 Terphenyl-d14
 Concen: 82.286 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF136486.D
 Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



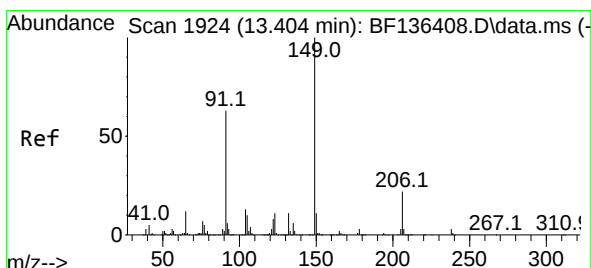
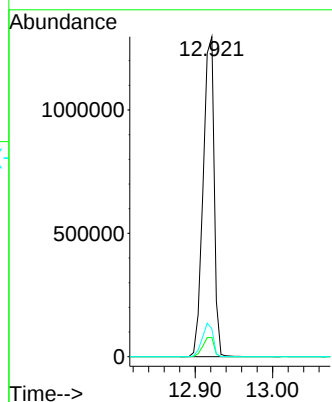
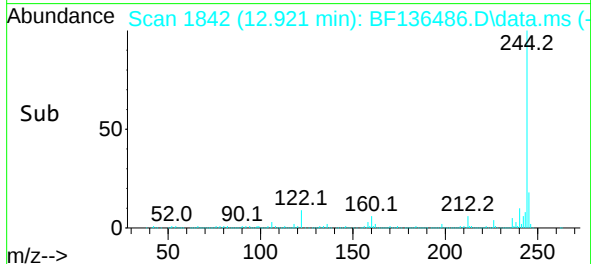
Tgt Ion:244 Resp: 127838
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 8.7 8.3 12.5

Manual Integrations

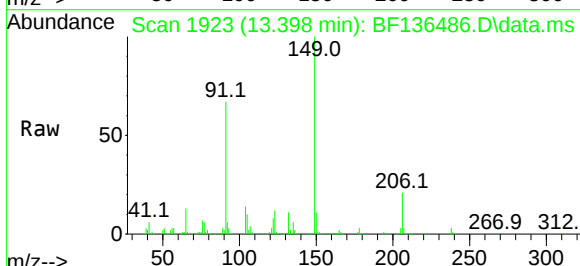
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

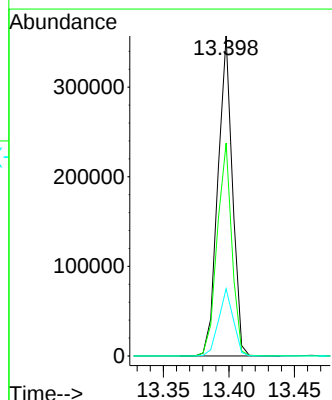
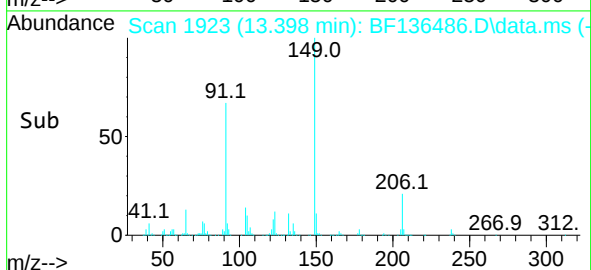
Supervised By :mohammad ahmed 12/14/2023

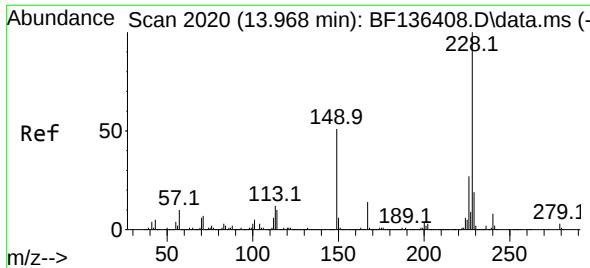


#80
 Butylbenzylphthalate
 Concen: 38.517 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136486.D
 Acq: 11 Dec 2023 12:51



Tgt Ion:149 Resp: 274968
 Ion Ratio Lower Upper
 149 100
 91 66.5 50.5 75.7
 206 21.0 17.4 26.2





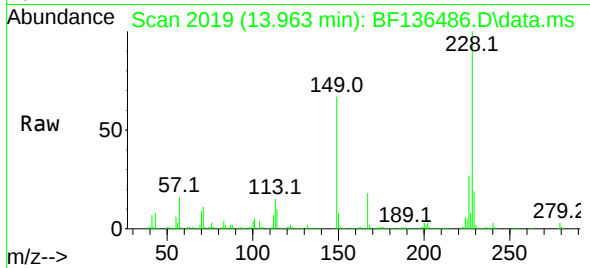
#81
Benzo(a)anthracene
Concen: 39.286 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

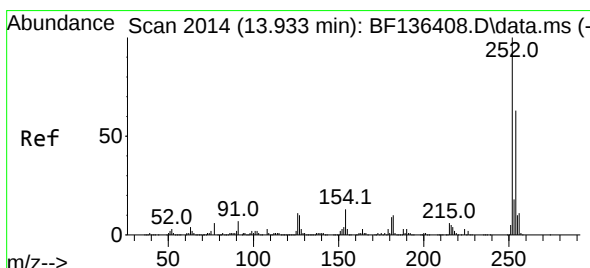
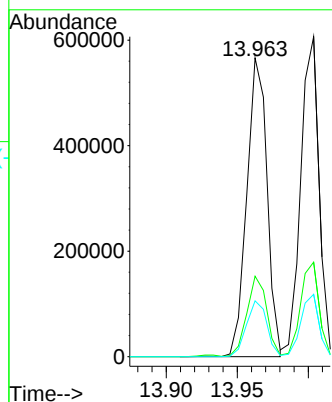
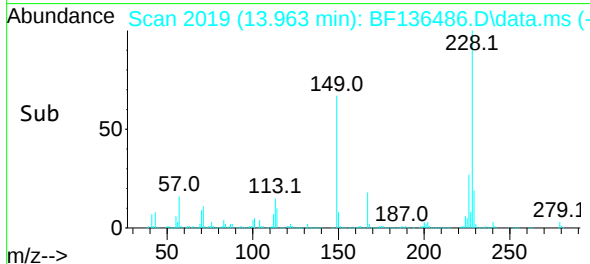


Tgt Ion:228 Resp: 56035
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 18.7 15.0 22.4

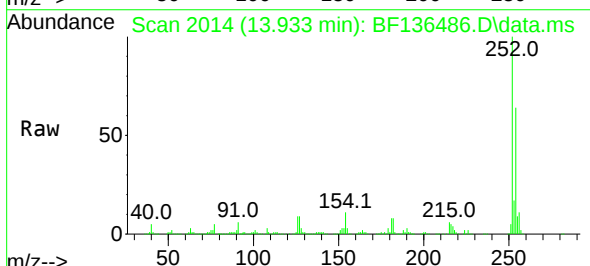
Manual Integrations

APPROVED

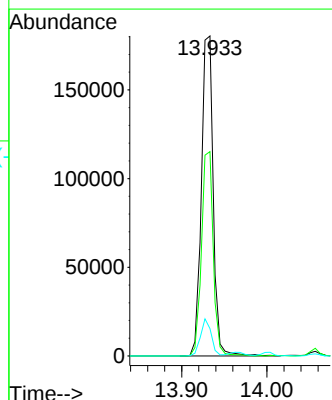
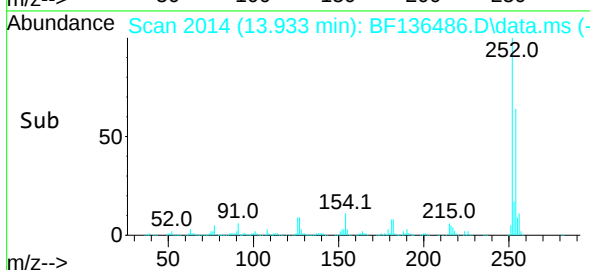
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#82
3,3'-Dichlorobenzidine
Concen: 43.550 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51



Tgt Ion:252 Resp: 174164
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 8.5 8.6 12.8#





#83

Chrysene

Concen: 38.742 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF136486.D

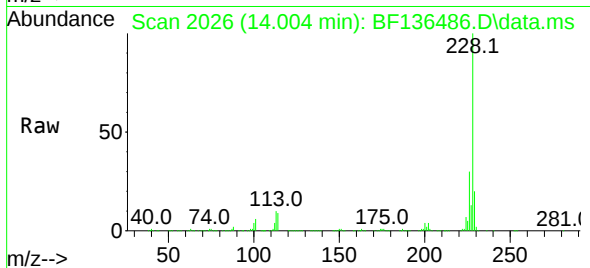
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 54368

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

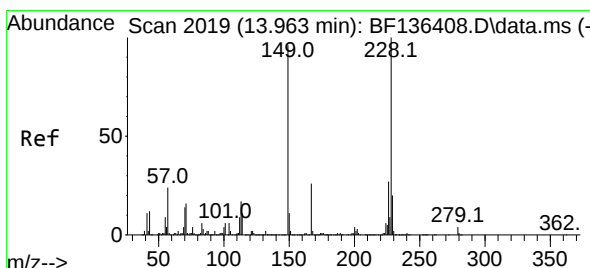
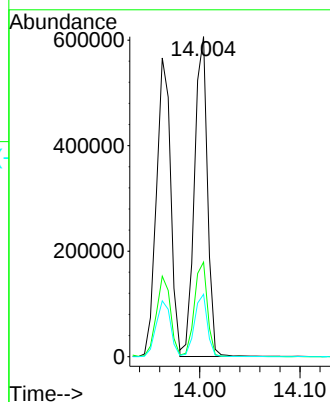
229 19.5 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.745 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF136486.D

Acq: 11 Dec 2023 12:51

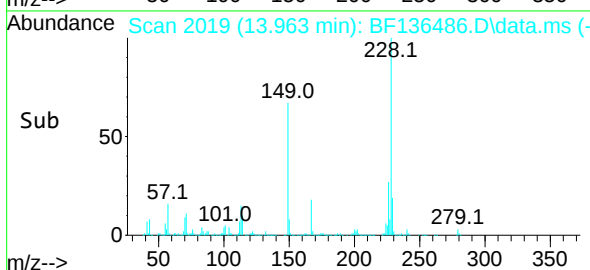
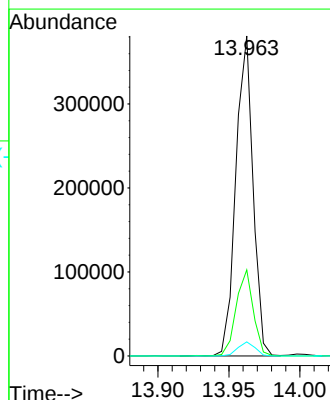
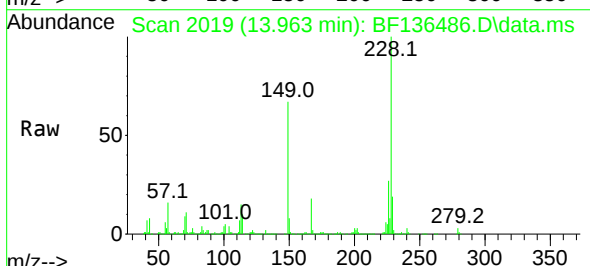
Tgt Ion:149 Resp: 321581

Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

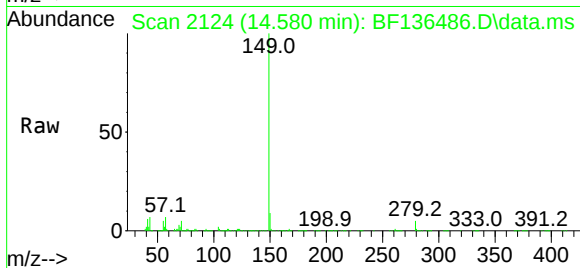
279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 36.021 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

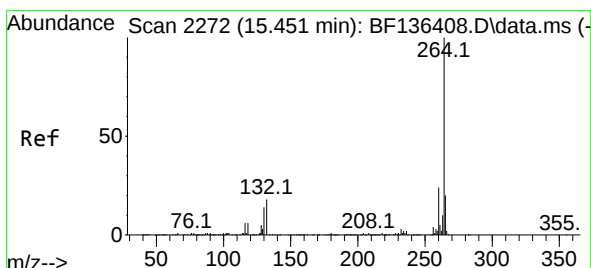
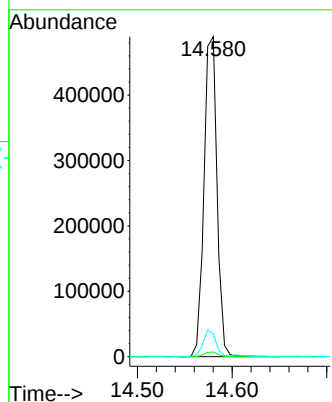
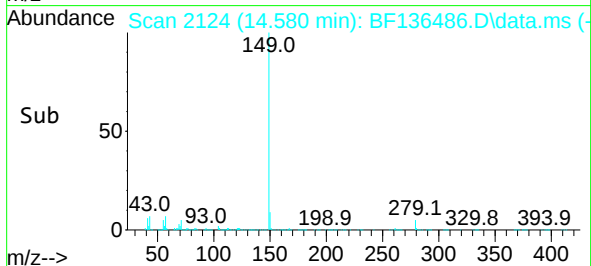
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 465649
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.9 6.8 10.2

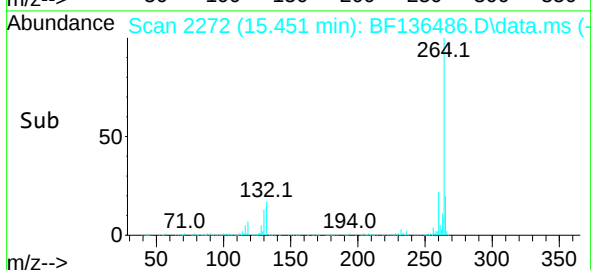
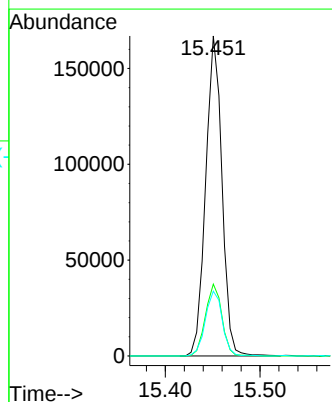
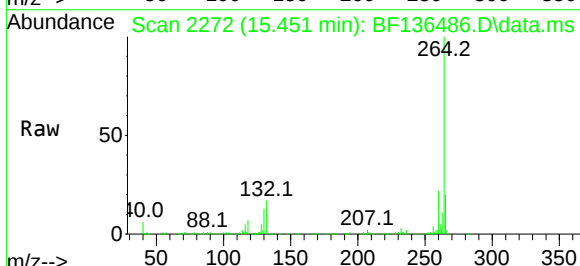
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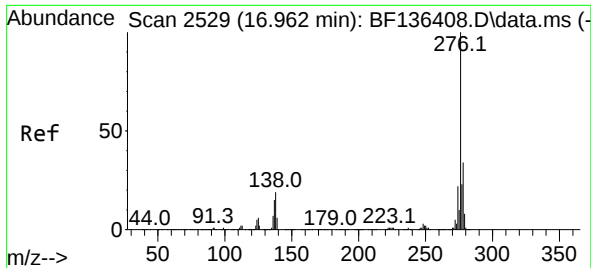
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:264 Resp: 198534
Ion Ratio Lower Upper
264 100
260 22.4 19.2 28.8
265 20.3 15.9 23.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.646 ng
RT: 16.956 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

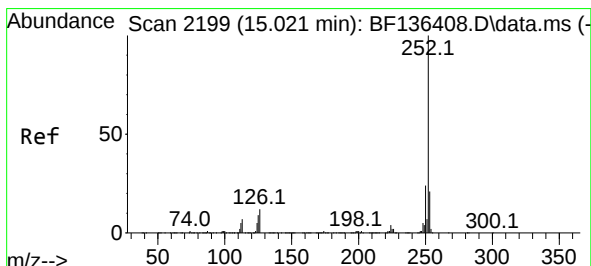
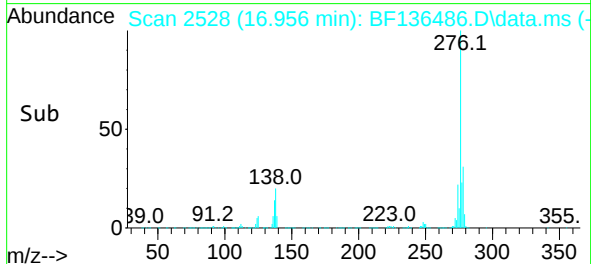
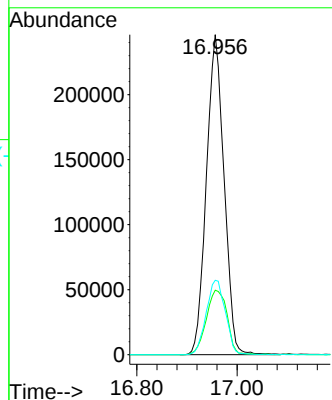
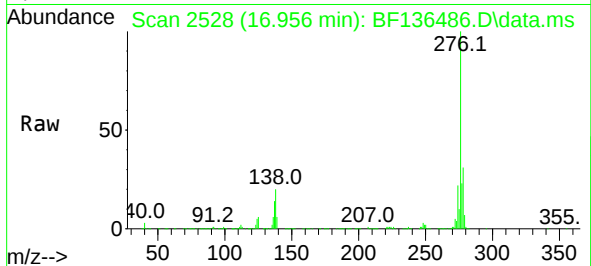
ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 601994
Ion Ratio Lower Upper
276 100
138 23.6 19.0 28.4
277 25.2 20.0 30.0

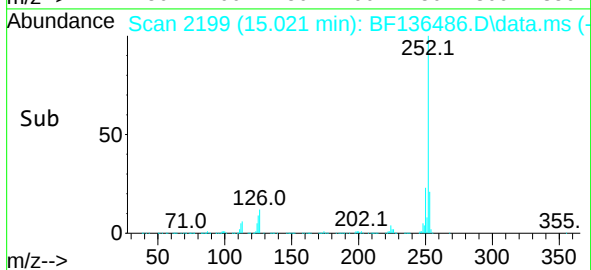
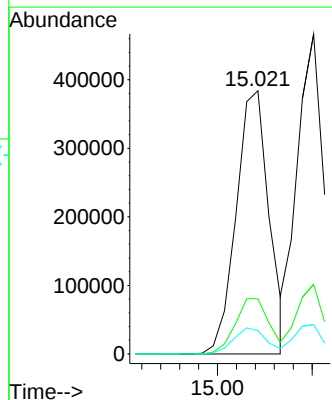
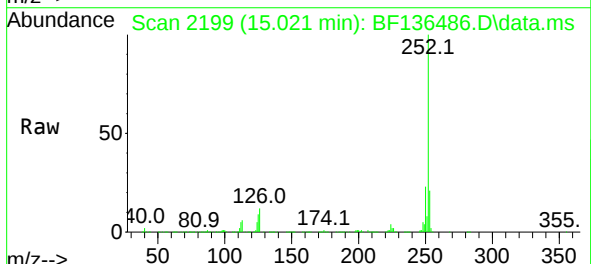
Manual Integrations
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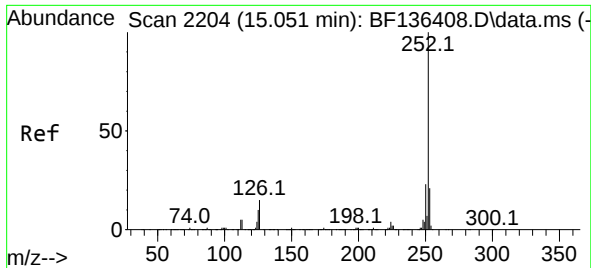
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#88
Benzo(b)fluoranthene
Concen: 34.023 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:252 Resp: 461834
Ion Ratio Lower Upper
252 100
253 21.0 16.9 25.3
125 8.9 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 35.714 ng
RT: 15.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

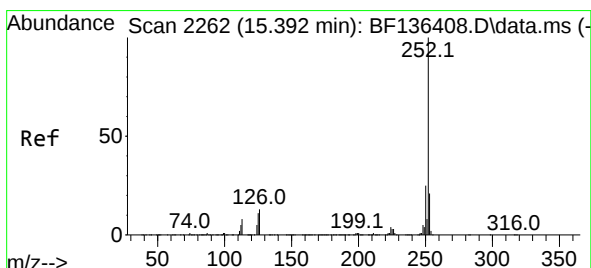
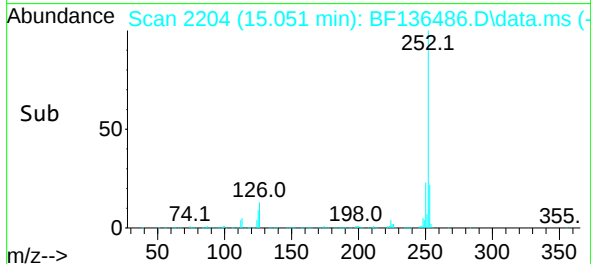
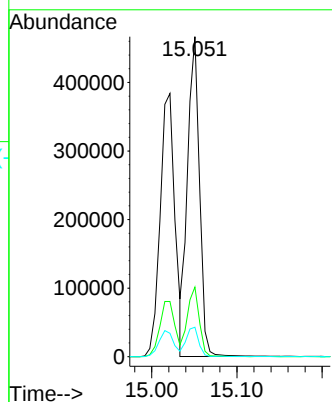
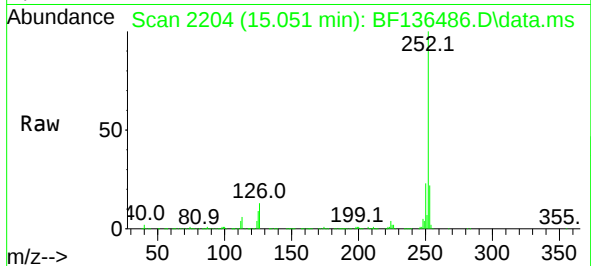
SSTDCCC040

Tgt Ion:252 Resp: 456869
Ion Ratio Lower Upper
252 100
253 21.7 16.9 25.3
125 9.2 7.5 11.3

Manual Integrations

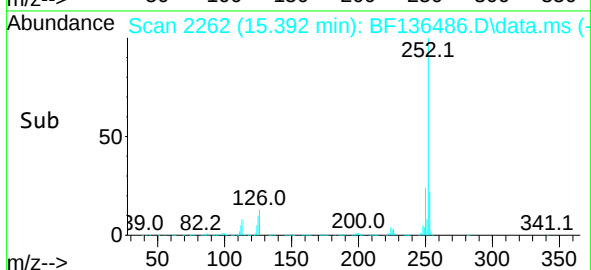
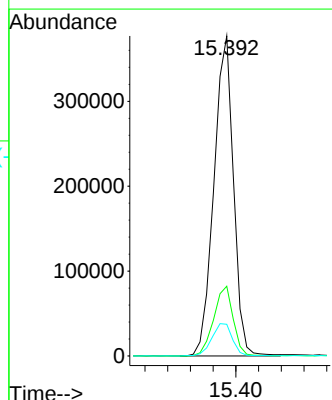
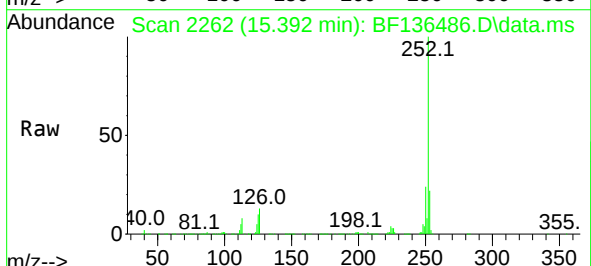
APPROVED

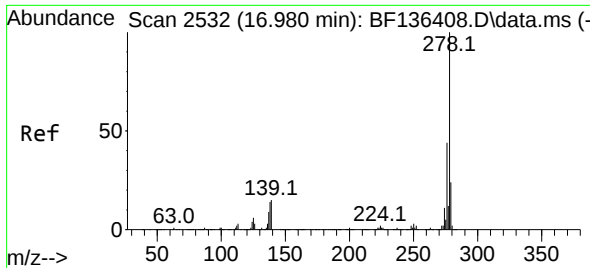
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#90
Benzo(a)pyrene
Concen: 40.208 ng
RT: 15.392 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:252 Resp: 450744
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 9.9 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 43.821 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Instrument :

BNA_F

ClientSampleId :

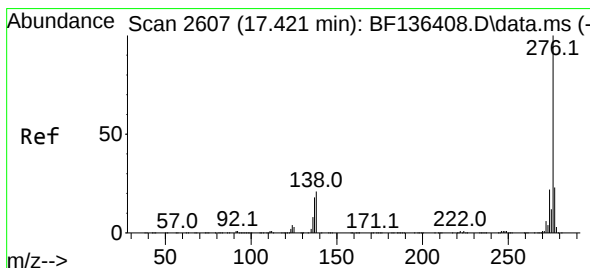
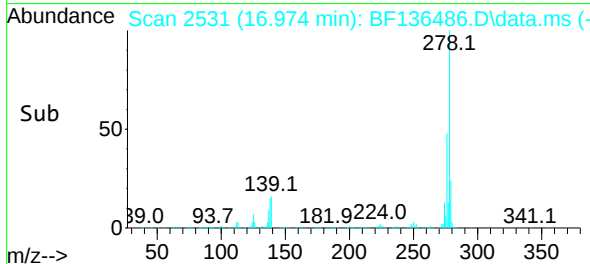
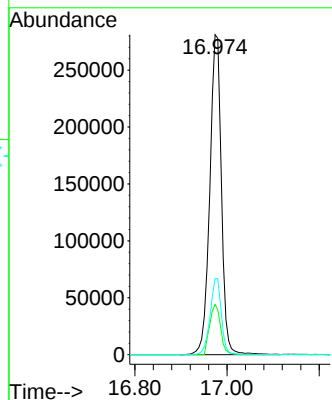
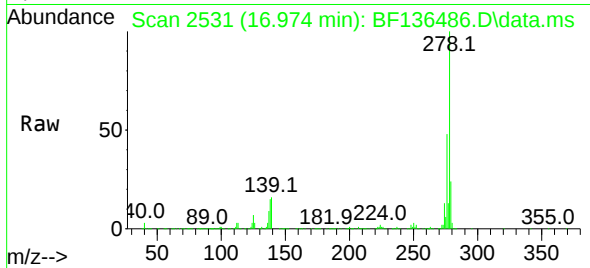
SSTDCCC040

Tgt Ion:278 Resp: 495150
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 23.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#92
Benzo(g,h,i)perylene
Concen: 43.766 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF136486.D
Acq: 11 Dec 2023 12:51

Tgt Ion:276 Resp: 507588
Ion Ratio Lower Upper
276 100
277 23.1 18.7 28.1
138 20.8 16.6 25.0

