

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136286.D
 Acq On : 29 Nov 2023 16:32
 Operator : CG\JU
 Sample : PB157073BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157073BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 23:47:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	134766	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	559821	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	284627	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	529275	20.000	ng	0.00
76) Chrysene-d12	13.986	240	249380	20.000	ng	0.00
86) Perylene-d12	15.468	264	254633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	772284	79.761	ng	0.00
7) Phenol-d6	6.446	99	947583	78.269	ng	0.00
23) Nitrobenzene-d5	7.369	82	899572	84.913	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	299233	85.991	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1894669	85.026	ng	0.00
79) Terphenyl-d14	12.933	244	2013063	93.113	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	123764	33.782	ng	98
3) Pyridine	3.428	79	305355	33.764	ng	99
4) n-Nitrosodimethylamine	3.399	42	171215	37.453	ng	96
6) Aniline	6.469	93	403278	35.242	ng	97
8) 2-Chlorophenol	6.593	128	451428	42.819	ng	93
9) Benzaldehyde	6.357	77	58200	8.625	ng	96
10) Phenol	6.457	94	543618	41.854	ng	96
11) bis(2-Chloroethyl)ether	6.545	93	403700	42.368	ng	96
12) 1,3-Dichlorobenzene	6.745	146	472774	39.515	ng	99
13) 1,4-Dichlorobenzene	6.822	146	480613	39.515	ng	98
14) 1,2-Dichlorobenzene	6.975	146	455397	39.550	ng	97
15) Benzyl Alcohol	6.951	79	345633	40.719	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	544788	41.162	ng	98
17) 2-Methylphenol	7.063	107	356733	43.040	ng	98
18) Hexachloroethane	7.316	117	168395	39.472	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	305305	42.164	ng	96
20) 3+4-Methylphenols	7.216	107	440626	40.905	ng	98
22) Acetophenone	7.216	105	639105	43.468	ng	# 96
24) Nitrobenzene	7.387	77	447366	41.670	ng	98
25) Isophorone	7.628	82	828704	43.382	ng	97
26) 2-Nitrophenol	7.698	139	221387	48.399	ng	98
27) 2,4-Dimethylphenol	7.740	122	326035	54.153	ng	99
28) bis(2-Chloroethoxy)met...	7.840	93	509611	44.104	ng	99
29) 2,4-Dichlorophenol	7.940	162	372051	45.814	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	413676	41.607	ng	98
31) Naphthalene	8.104	128	1343978	42.712	ng	98
32) Benzoic acid	7.875	122	268126	48.865	ng	99
33) 4-Chloroaniline	8.151	127	205270	19.192	ng	95
34) Hexachlorobutadiene	8.222	225	232902	40.040	ng	99
35) Caprolactam	8.534	113	109427m	48.202	ng	
36) 4-Chloro-3-methylphenol	8.639	107	390930	44.386	ng	97
37) 2-Methylnaphthalene	8.798	142	834871	42.297	ng	98
38) 1-Methylnaphthalene	8.898	142	808286	41.977	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	407006	44.932	ng	98
41) Hexachlorocyclopentadiene	8.951	237	470201	134.903	ng	95
43) 2,4,6-Trichlorophenol	9.075	196	261928	44.550	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	288222	44.921	ng	99
46) 1,1'-Biphenyl	9.263	154	1127116	44.905	ng	97
47) 2-Chloronaphthalene	9.287	162	845725	43.388	ng	99
48) 2-Nitroaniline	9.386	65	233244	45.832	ng	90
49) Acenaphthylene	9.704	152	1340953	48.207	ng	99
50) Dimethylphthalate	9.569	163	990500	46.043	ng	100
51) 2,6-Dinitrotoluene	9.634	165	202628	46.105	ng	89
52) Acenaphthene	9.881	154	770993	43.860	ng	99
53) 3-Nitroaniline	9.798	138	130787	29.992	ng	98
54) 2,4-Dinitrophenol	9.910	184	214725	105.052	ng	94
55) Dibenzofuran	10.051	168	1175293	44.931	ng	100
56) 4-Nitrophenol	9.969	139	305873	92.353	ng	89
57) 2,4-Dinitrotoluene	10.039	165	274896	46.826	ng	100
58) Fluorene	10.398	166	919143	44.797	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	240800	47.169	ng	98
60) Diethylphthalate	10.275	149	958208	44.528	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	434422	43.599	ng	97
62) 4-Nitroaniline	10.422	138	192245	45.038	ng	93
63) Azobenzene	10.551	77	876635	43.941	ng	95
65) 4,6-Dinitro-2-methylph...	10.445	198	136114	47.028	ng	90
66) n-Nitrosodiphenylamine	10.510	169	797328	47.008	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	273403	44.277	ng	94
68) Hexachlorobenzene	10.939	284	313939	43.929	ng	# 89
69) Atrazine	11.045	200	265449	52.757	ng	99
70) Pentachlorophenol	11.139	266	346960	85.889	ng	99
71) Phenanthrene	11.363	178	1379891	46.387	ng	99
72) Anthracene	11.416	178	1416568	47.485	ng	100
73) Carbazole	11.569	167	1131039	44.578	ng	99
74) Di-n-butylphthalate	11.904	149	1496731	47.147	ng	100
75) Fluoranthene	12.551	202	1308049	43.314	ng	96
77) Benzidine	12.675	184	220442	53.775	ng	99
78) Pyrene	12.780	202	1286511	47.105	ng	98
80) Butylbenzylphthalate	13.410	149	413045	48.594	ng	98
81) Benzo(a)anthracene	13.974	228	833627	45.005	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	175871	39.444	ng	98
83) Chrysene	14.016	228	814199	45.525	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	487778	47.816	ng	98
85) Di-n-octyl phthalate	14.592	149	798355	48.167	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.974	276	842893	44.492	ng	100
88) Benzo(b)fluoranthene	15.033	252	742682	41.573	ng	99
89) Benzo(k)fluoranthene	15.063	252	732332	43.162	ng	98
90) Benzo(a)pyrene	15.404	252	659545	45.162	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	690971	45.388	ng	97
92) Benzo(g,h,i)perylene	17.433	276	647096	42.443	ng	100

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

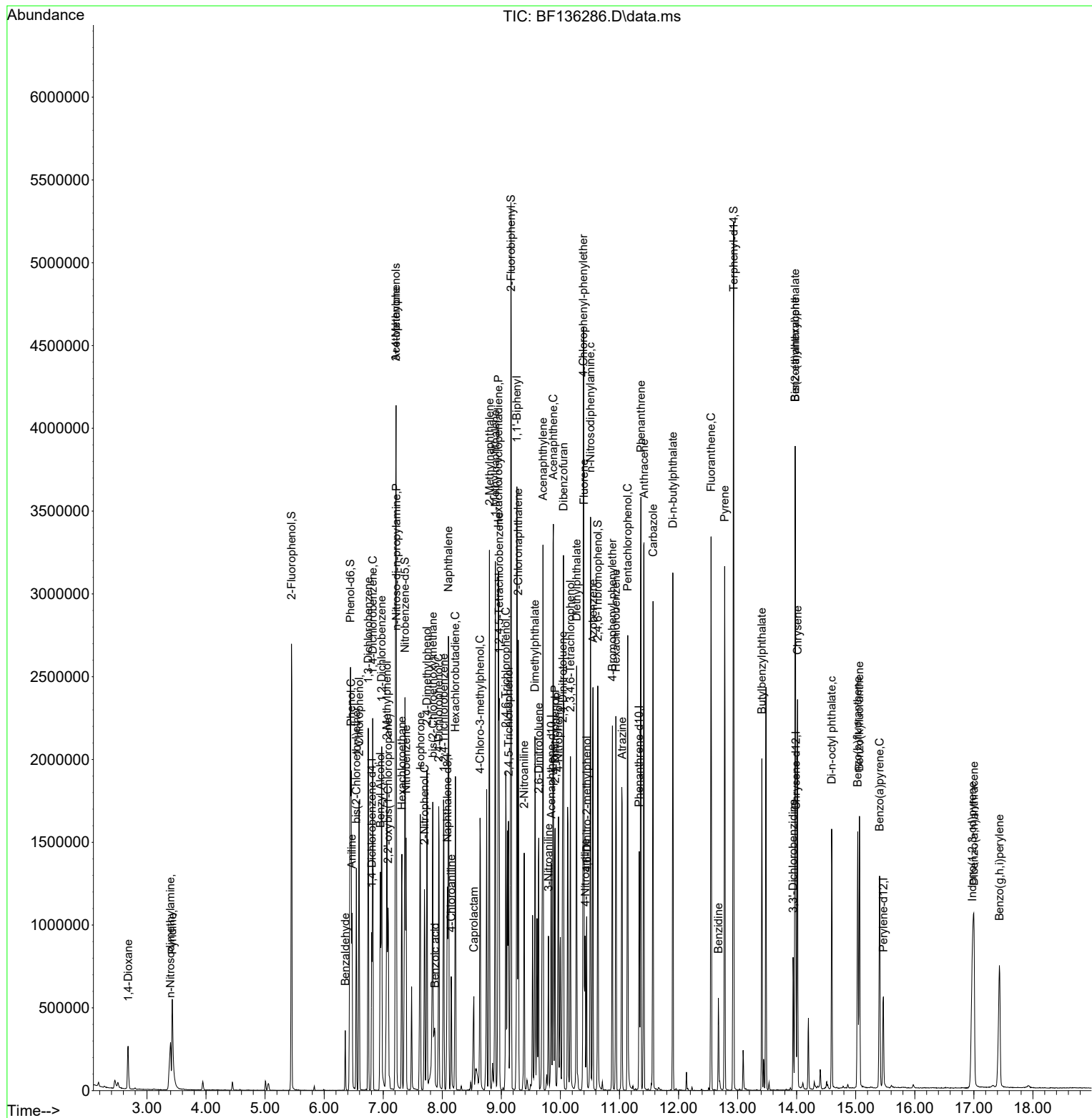
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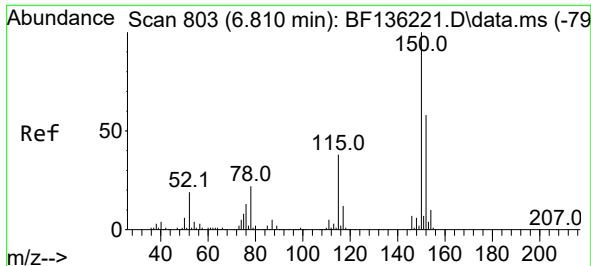
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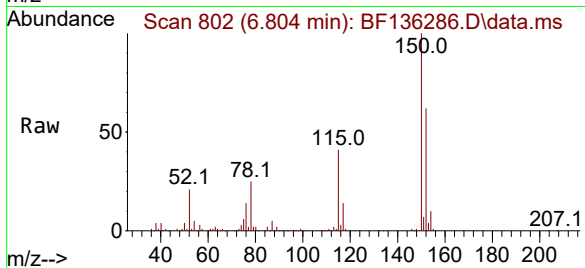
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

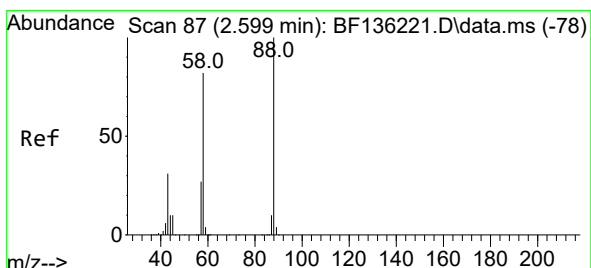
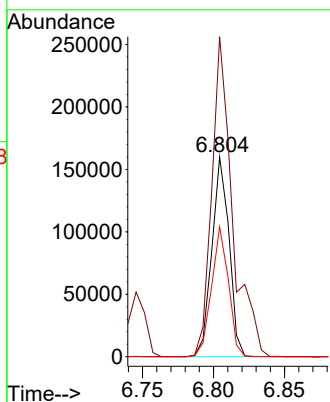
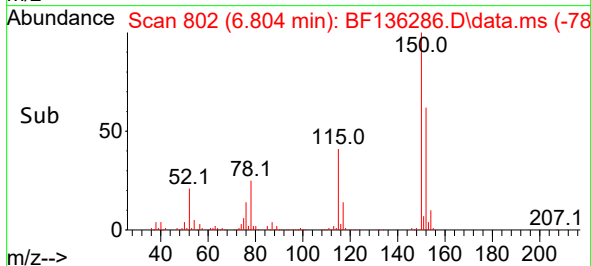
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



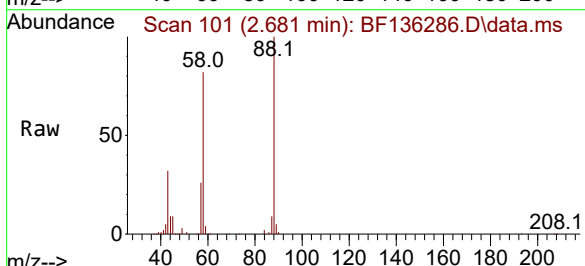
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Ion Ratio Lower Upper
152 100
150 160.3 137.8 206.8
115 65.0 52.7 79.1

Manual Integrations
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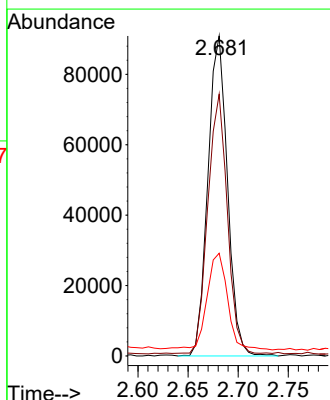
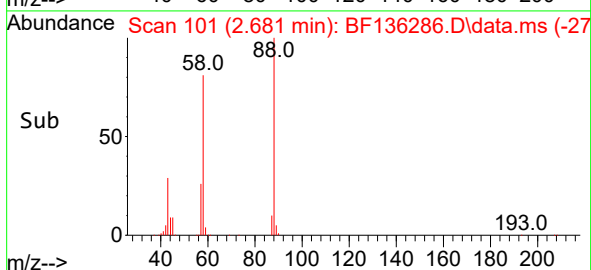
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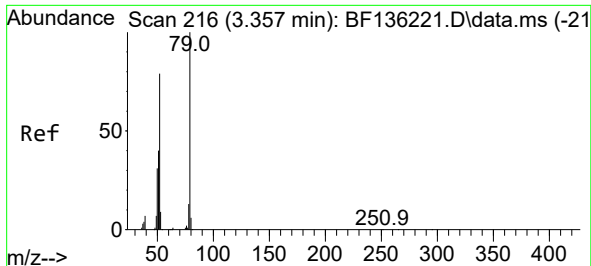


#2
1,4-Dioxane
Concen: 33.782 ng
RT: 2.681 min Scan# 101
Delta R.T. 0.083 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



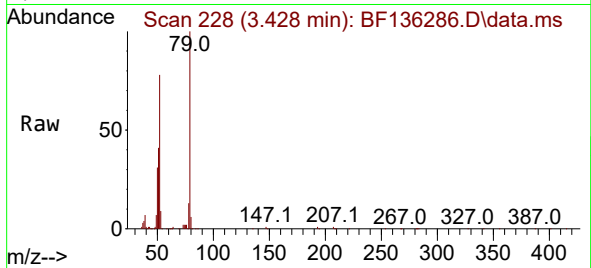
Tgt Ion: 88 Resp: 123764
Ion Ratio Lower Upper
88 100
58 80.1 65.9 98.9
43 31.9 24.8 37.2





#3
Pyridine
Concen: 33.764 ng
RT: 3.428 min Scan# 216
Delta R.T. 0.071 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

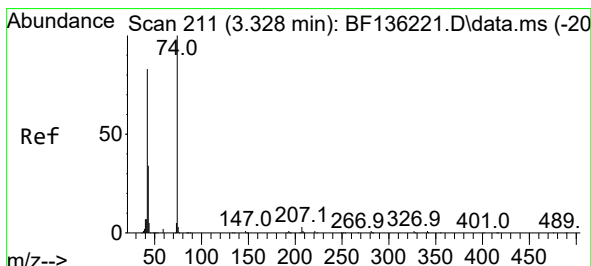
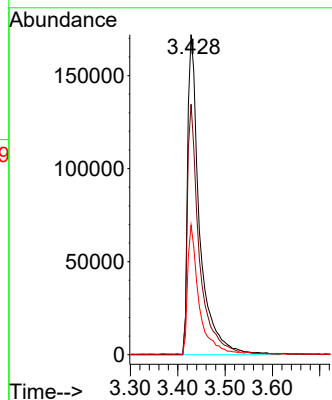
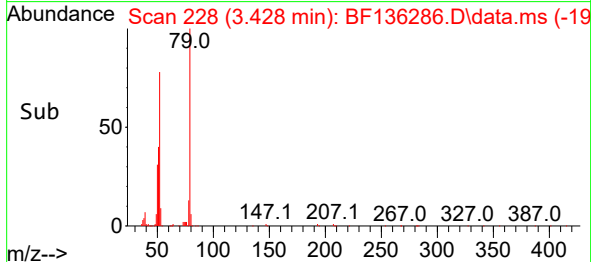
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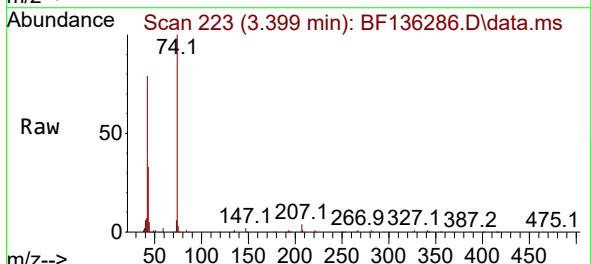
Tgt Ion: 79 Resp: 30535
Ion Ratio Lower Upper
79 100
52 78.2 63.2 94.8
51 40.5 32.6 49.0

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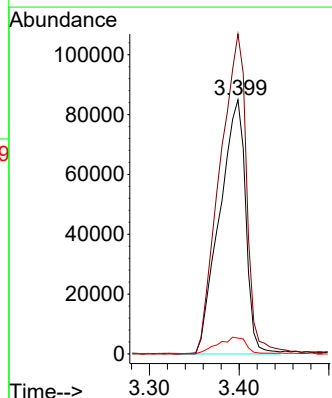
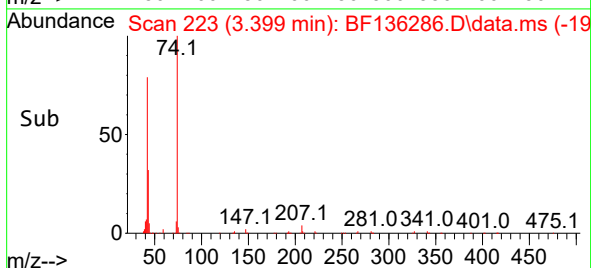
Reviewed By :Yogesh Patel 11/30/2023
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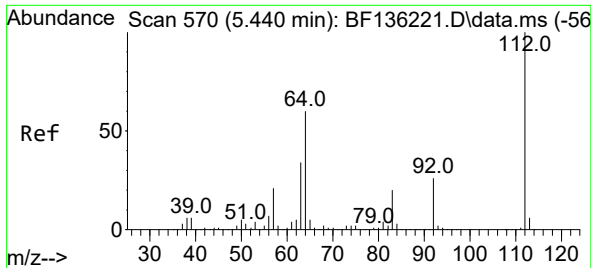


#4
n-Nitrosodimethylamine
Concen: 37.453 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.071 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



Tgt Ion: 42 Resp: 171215
Ion Ratio Lower Upper
42 100
74 125.9 96.6 144.8
44 6.3 5.4 8.2





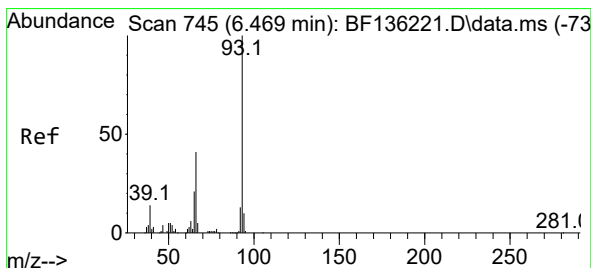
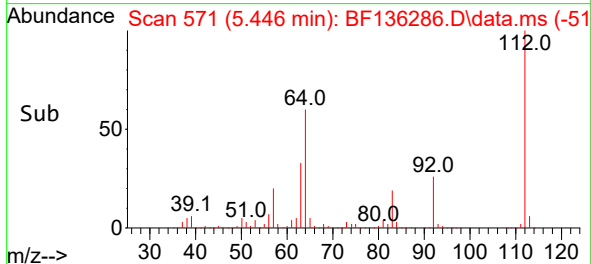
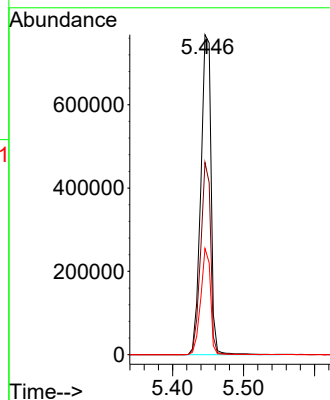
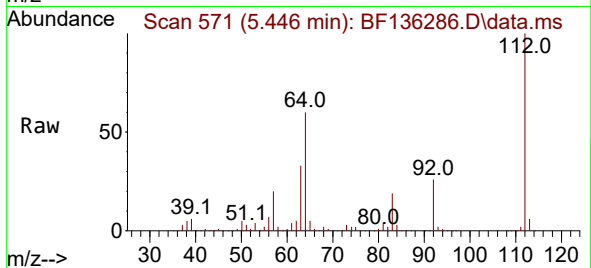
#5
2-Fluorophenol
Concen: 79.761 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136286.D
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Tgt Ion:112 Resp: 772284
Ion Ratio Lower Upper
112 100
64 60.0 48.2 72.4
63 33.2 27.0 40.6

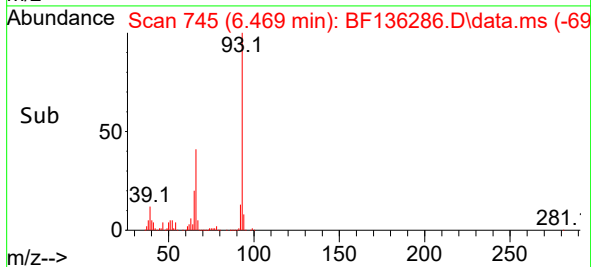
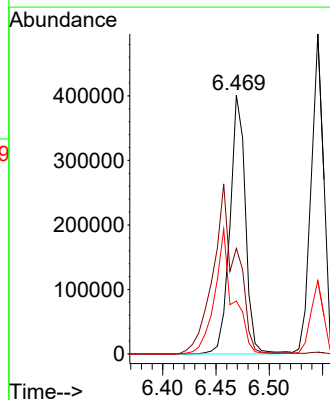
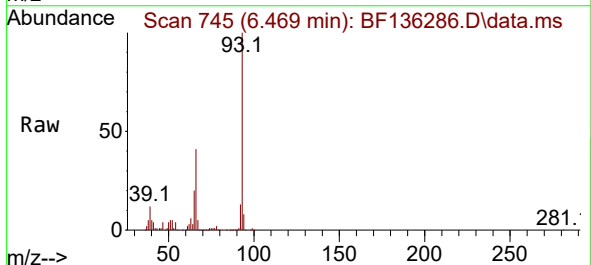
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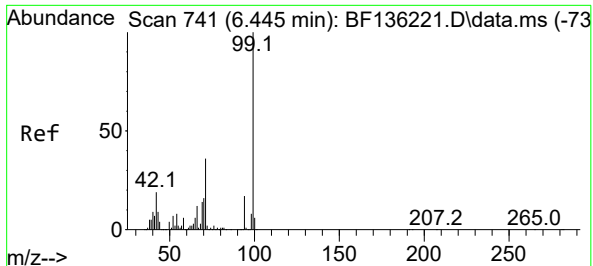
Reviewed By :Yogesh Patel 11/30/2023
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#6
Aniline
Concen: 35.242 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion: 93 Resp: 403278
Ion Ratio Lower Upper
93 100
66 40.8 34.1 51.1
65 20.4 17.3 25.9





#7

Phenol-d6

Concen: 78.269 ng

RT: 6.446 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

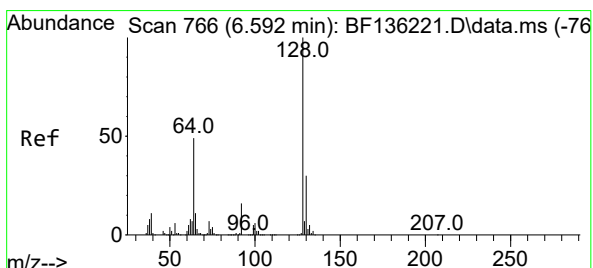
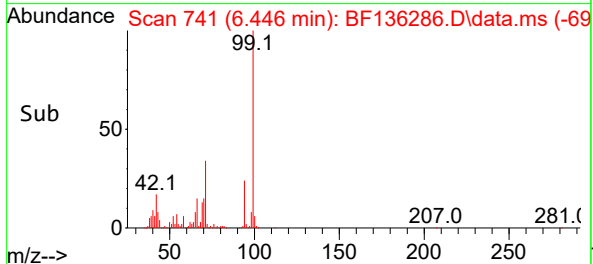
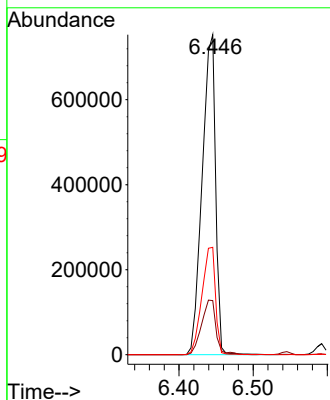
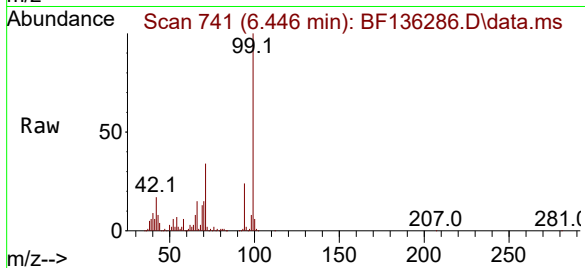
ClientSampleId :

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Tgt Ion: 99 Resp: 947583
 Ion Ratio Lower Upper
 99 100
 42 16.9 15.0 22.6
 71 33.5 28.9 43.3

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#8

2-Chlorophenol

Concen: 42.819 ng

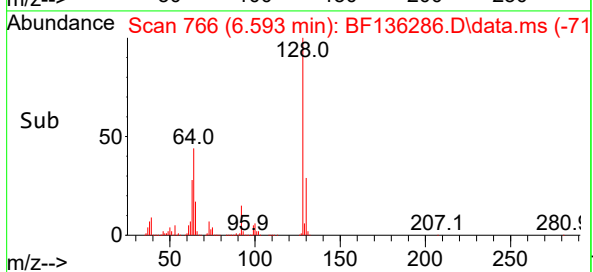
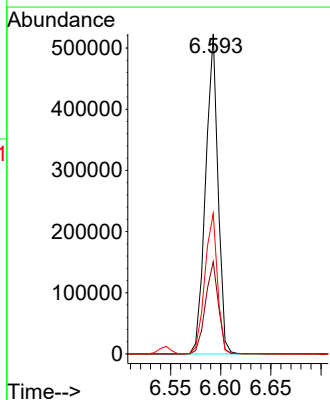
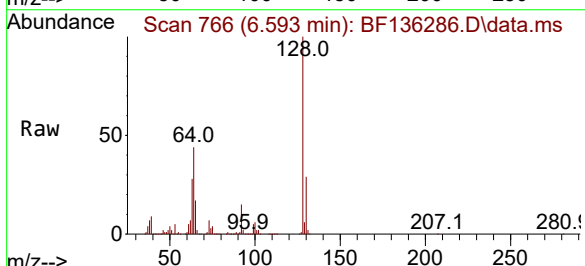
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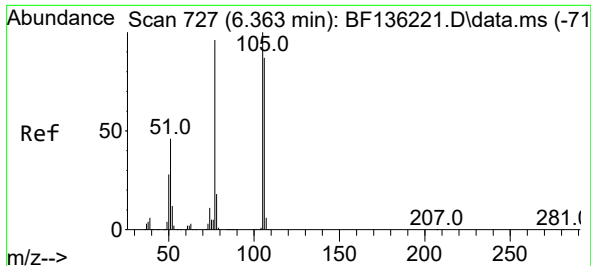
Delta R.T. 0.000 min

Lab File: BF136286.D

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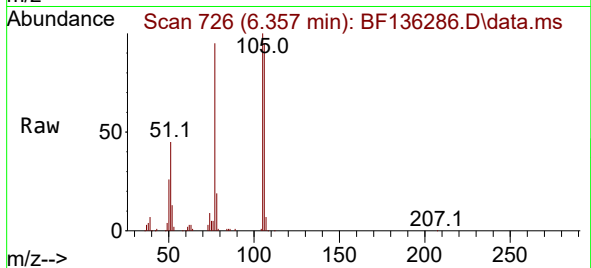
Tgt Ion:128 Resp: 451428
 Ion Ratio Lower Upper
 128 100
 130 28.8 10.3 50.3
 64 43.8 30.0 70.0





#9
Benzaldehyde
Concen: 8.625 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
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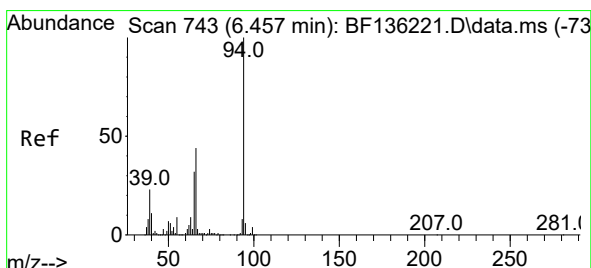
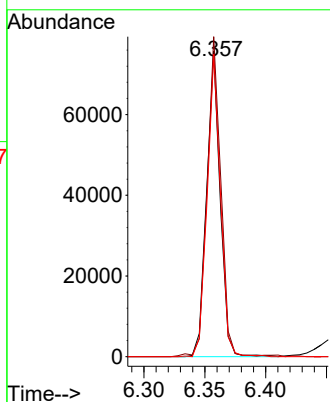
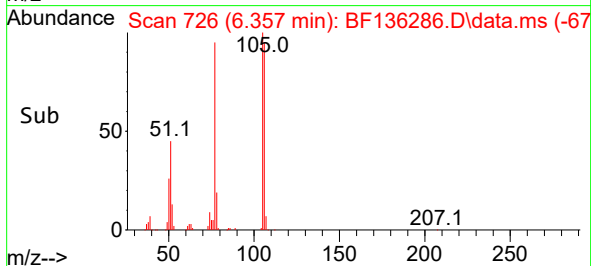
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ClientSampleId :
PB157073BSD



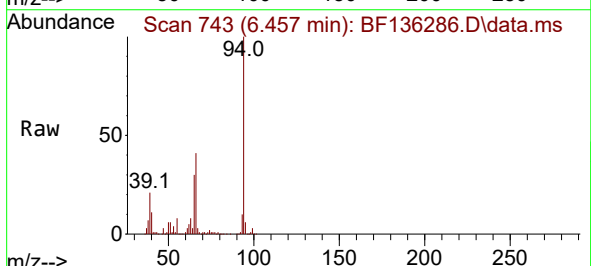
Tgt Ion: 77 Resp: 58200
Ion Ratio Lower Upper
77 100
105 104.8 84.3 124.3
106 99.0 71.0 111.0

Manual Integrations
APPROVED

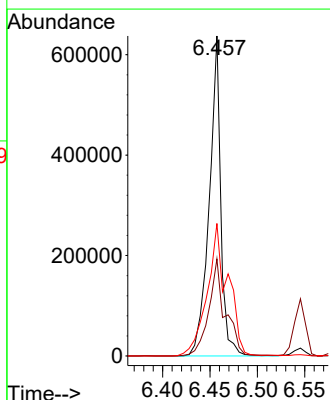
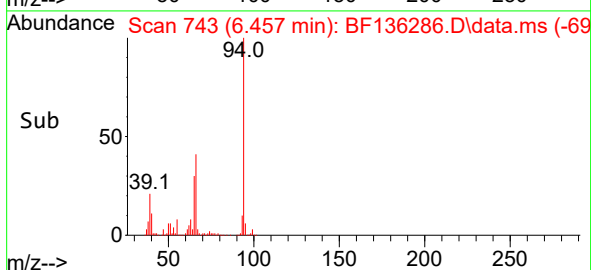
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

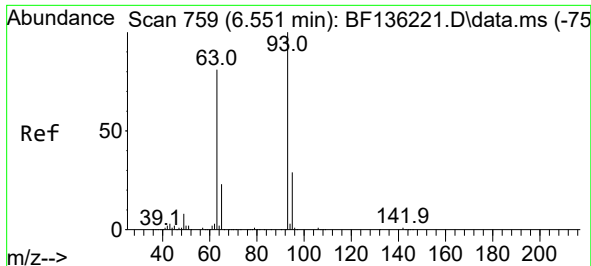


#10
Phenol
Concen: 41.854 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



Tgt Ion: 94 Resp: 543618
Ion Ratio Lower Upper
94 100
65 30.4 12.5 52.5
66 41.4 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 42.368 ng

RT: 6.545 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

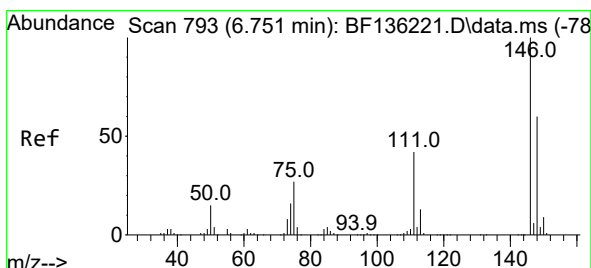
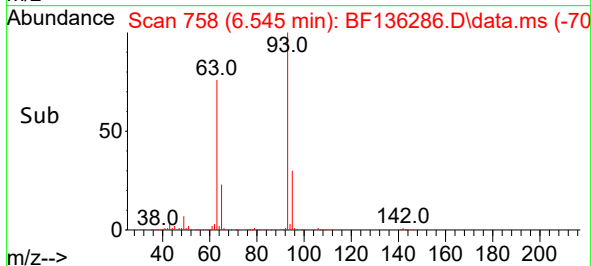
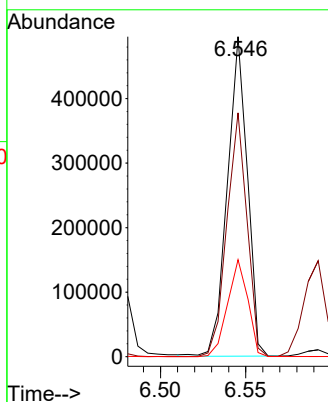
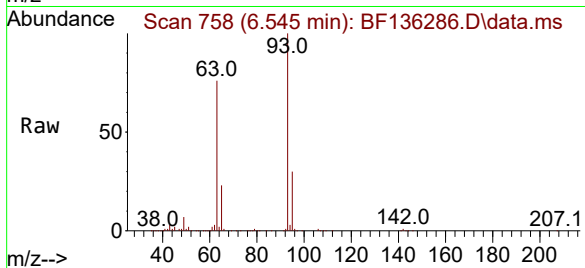
ClientSampleId :

PB157073BSD

Tgt Ion: 93 Resp: 403700
 Ion Ratio Lower Upper
 93 100
 63 76.2 60.2 100.2
 95 30.3 9.1 49.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023



#12

1,3-Dichlorobenzene

Concen: 39.515 ng

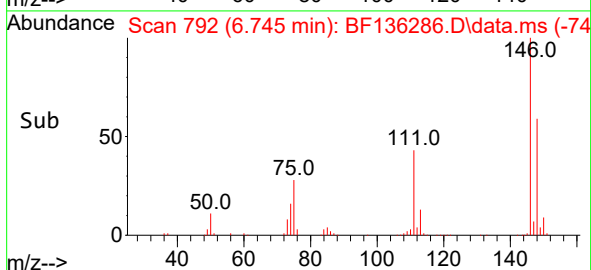
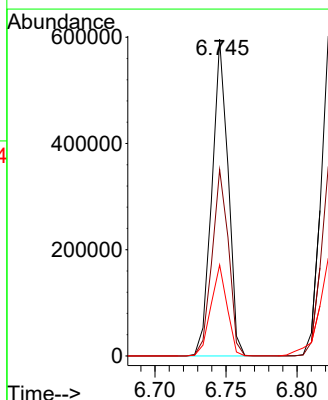
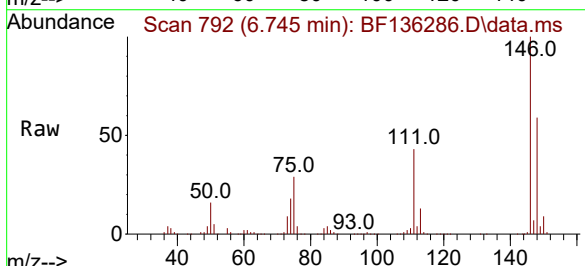
RT: 6.745 min Scan# 792

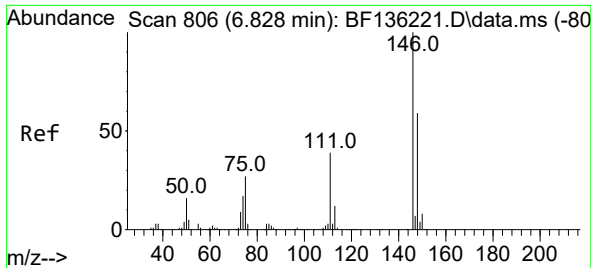
Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Tgt Ion:146 Resp: 472774
 Ion Ratio Lower Upper
 146 100
 148 58.9 47.8 71.6
 75 28.8 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 39.515 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

Tgt Ion:146 Resp: 48061

Ion Ratio Lower Upper

146 100

148 59.3 47.0 70.6

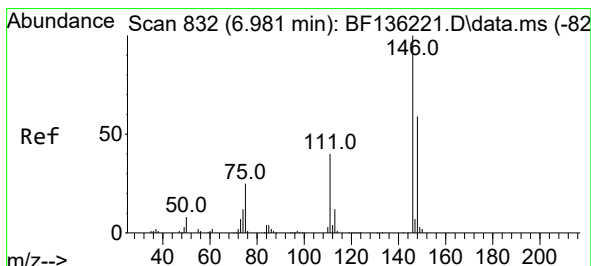
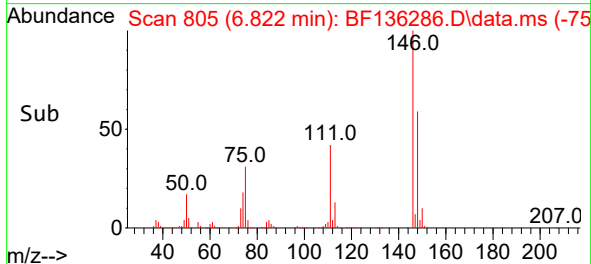
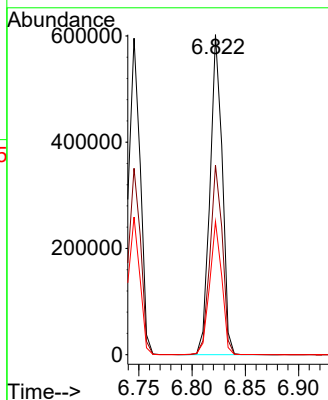
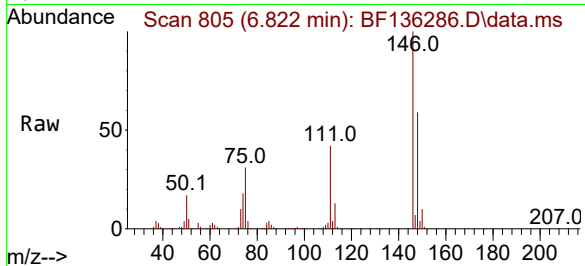
111 41.6 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#14

1,2-Dichlorobenzene

Concen: 39.550 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

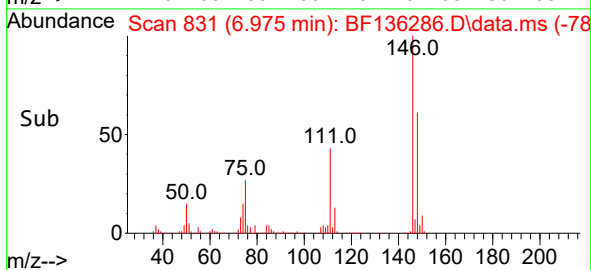
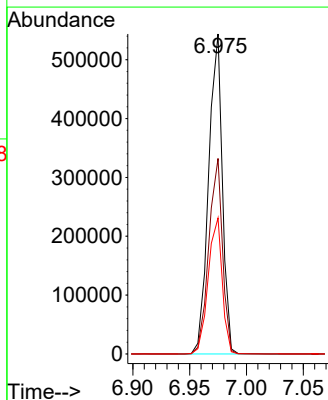
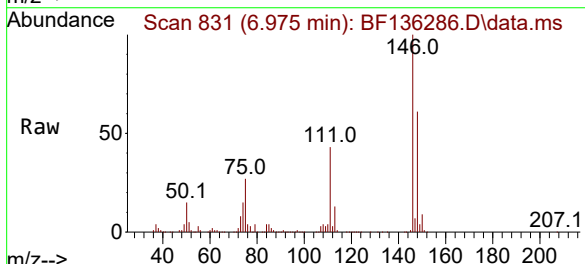
Tgt Ion:146 Resp: 455397

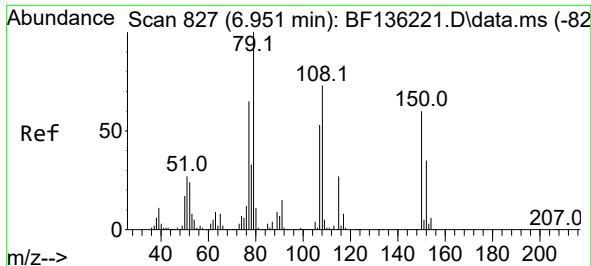
Ion Ratio Lower Upper

146 100

148 61.1 47.3 70.9

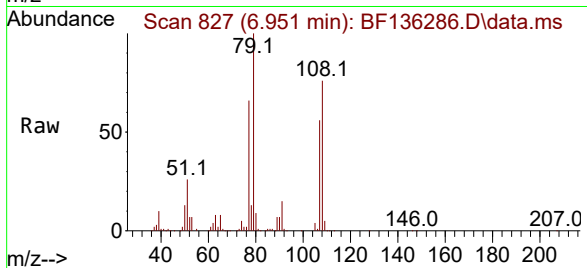
111 42.5 32.4 48.6





#15
Benzyl Alcohol
Concen: 40.719 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

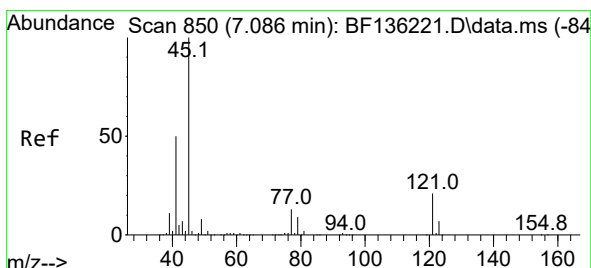
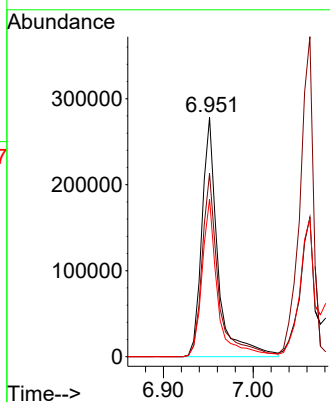
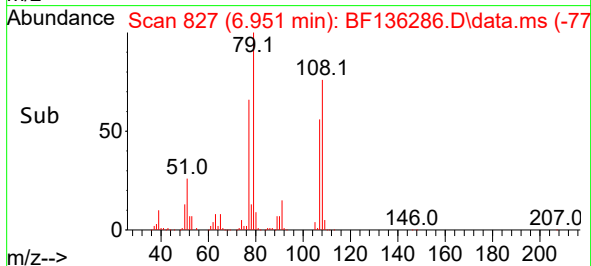
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



Tgt Ion: 79 Resp: 34563
Ion Ratio Lower Upper
79 100
108 76.5 58.1 87.1
77 65.8 51.8 77.8

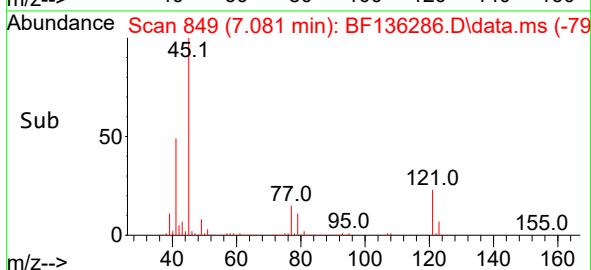
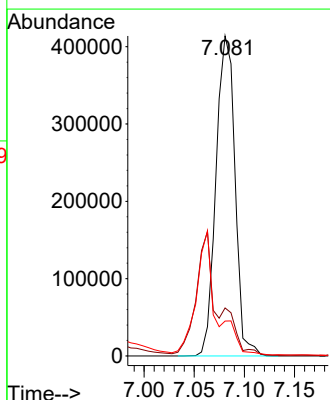
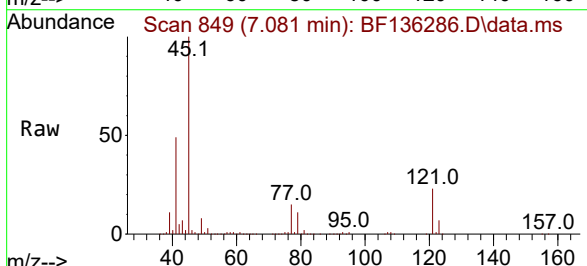
Manual Integrations
APPROVED

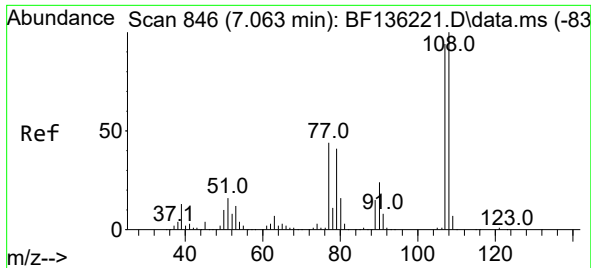
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.162 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion: 45 Resp: 544788
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.0
79 10.9 0.0 30.1





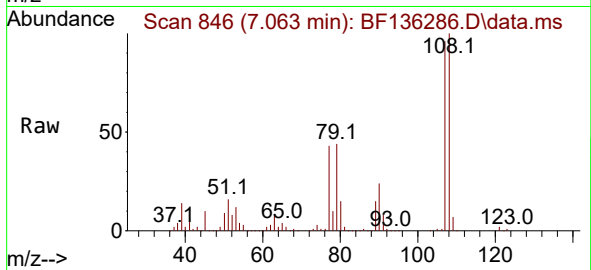
#17
2-Methylphenol
Concen: 43.040 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

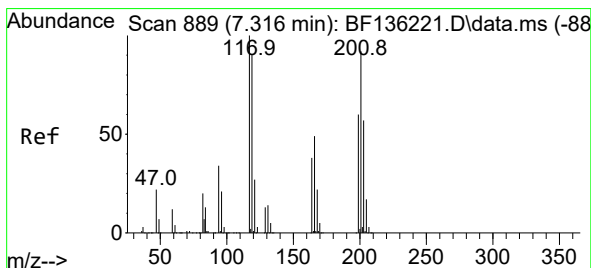
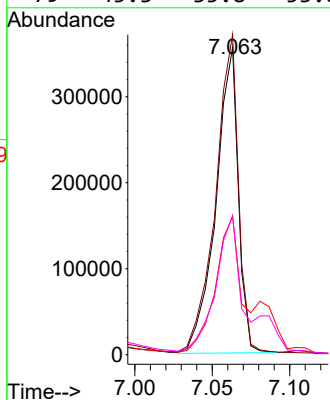
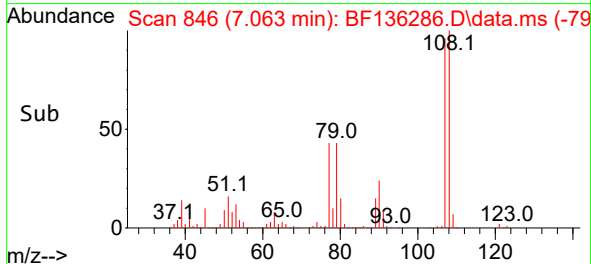


Tgt Ion:107 Resp: 35673
Ion Ratio Lower Upper
107 100
108 104.1 85.4 128.0
77 45.0 37.4 56.2
79 45.3 35.8 53.8

Manual Integrations

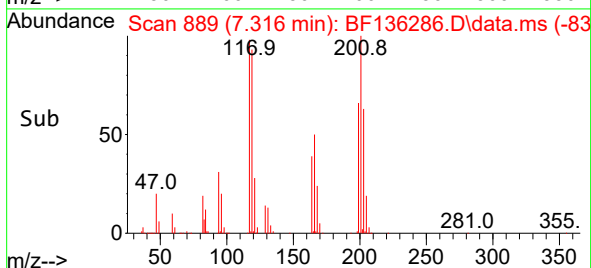
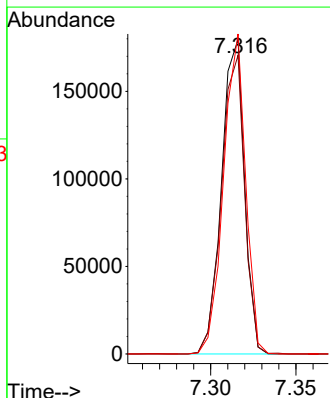
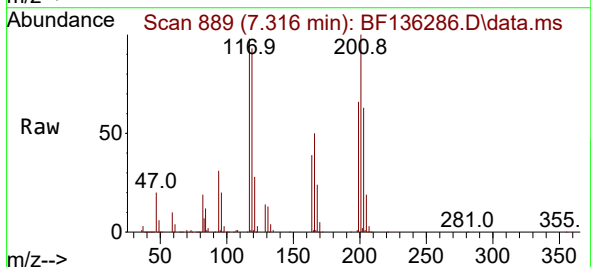
APPROVED

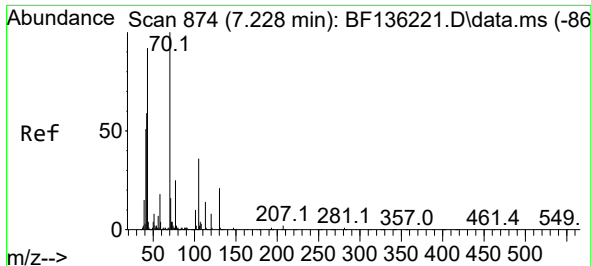
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 39.472 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

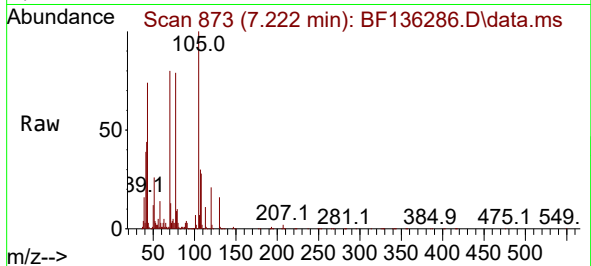
Tgt Ion:117 Resp: 168395
Ion Ratio Lower Upper
117 100
119 94.9 71.6 107.4
201 101.7 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.164 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

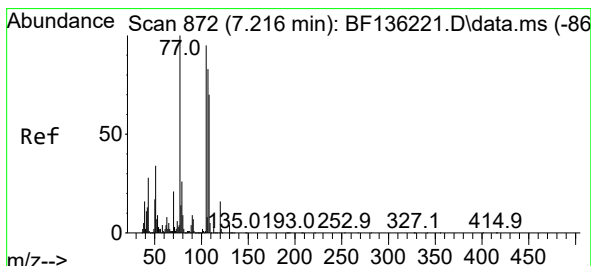
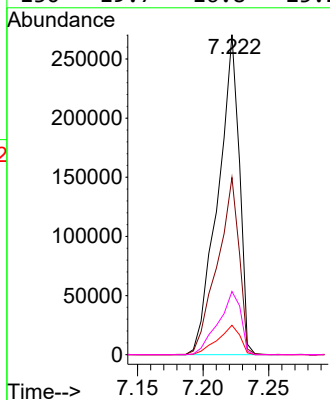
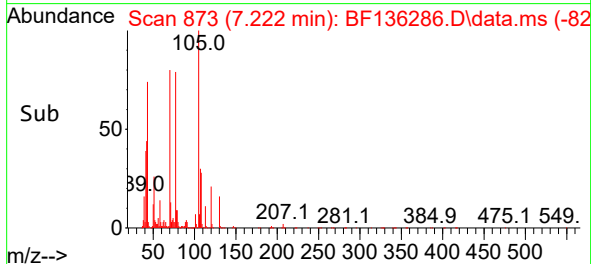
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



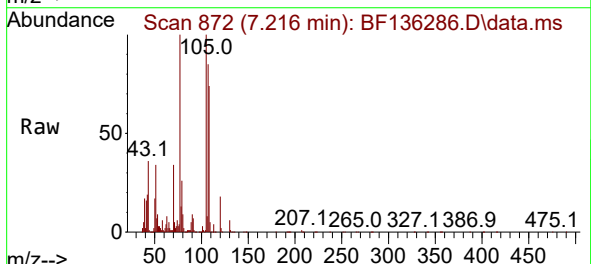
Tgt Ion: 70 Resp: 30530
Ion Ratio Lower Upper
70 100
42 55.4 47.0 70.4
101 9.2 7.8 11.8
130 19.7 16.8 25.2

Manual Integrations
APPROVED

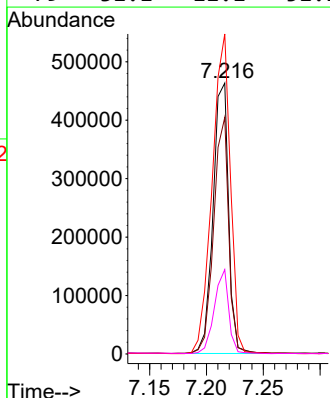
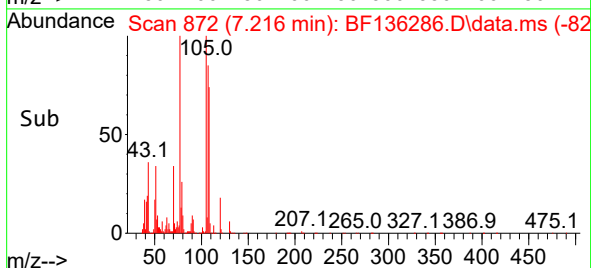
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

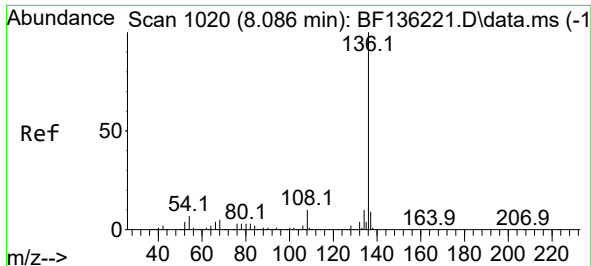


#20
3+4-Methylphenols
Concen: 40.905 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



Tgt Ion:107 Resp: 440626
Ion Ratio Lower Upper
107 100
108 87.3 63.9 103.9
77 118.2 100.2 140.2
79 31.1 11.1 51.1





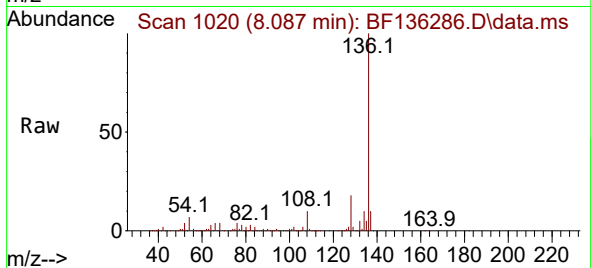
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

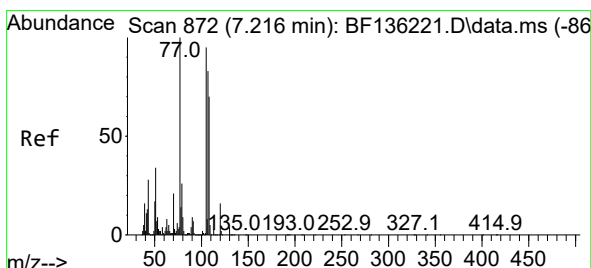
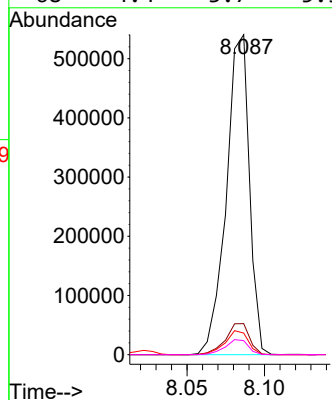
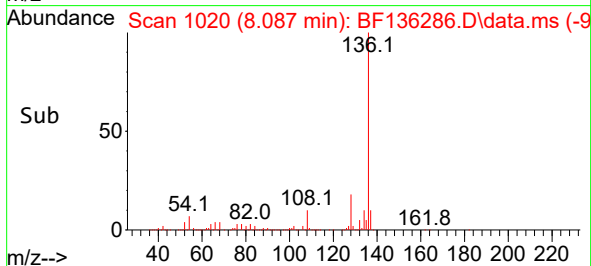


Tgt Ion:136 Resp: 55982
Ion Ratio Lower Upper
136 100
137 9.7 7.4 11.2
54 6.7 5.5 8.3
68 4.4 3.7 5.5

Manual Integrations

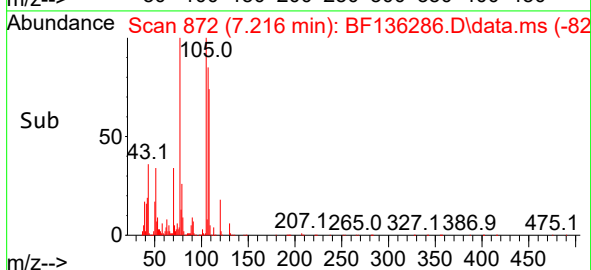
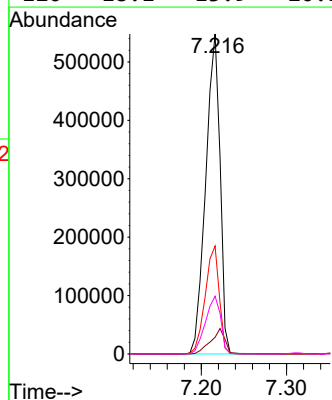
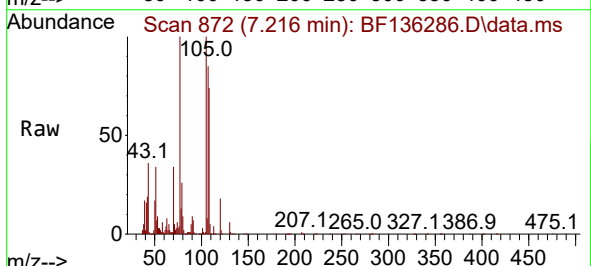
APPROVED

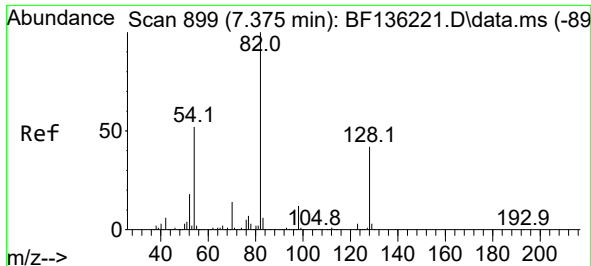
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 43.468 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

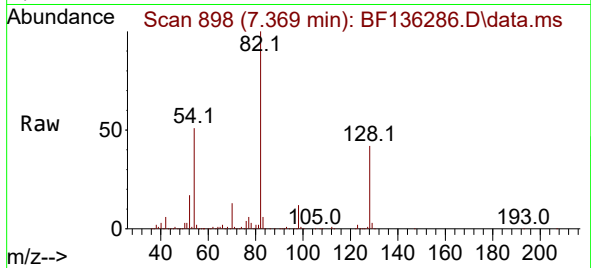
Tgt Ion:105 Resp: 639105
Ion Ratio Lower Upper
105 100
71 5.2 2.8 4.2#
51 33.8 29.0 43.6
120 18.1 13.9 20.9





#23
Nitrobenzene-d5
Concen: 84.913 ng
RT: 7.369 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

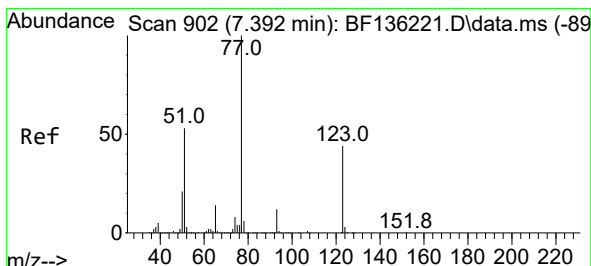
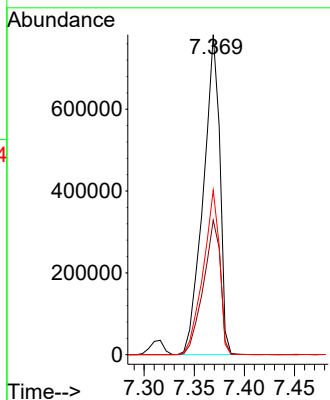
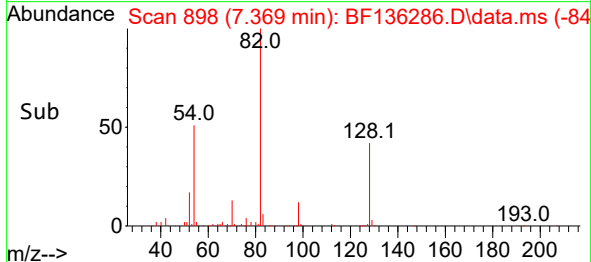
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



Tgt Ion: 82 Resp: 899572
Ion Ratio Lower Upper
82 100
128 42.1 33.4 50.2
54 51.4 41.7 62.5

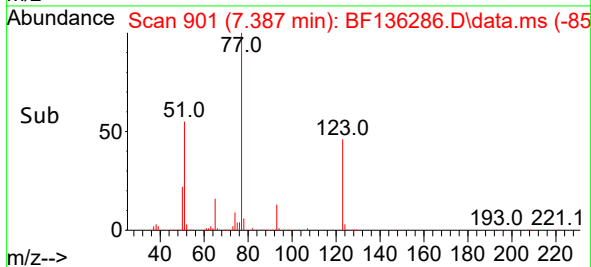
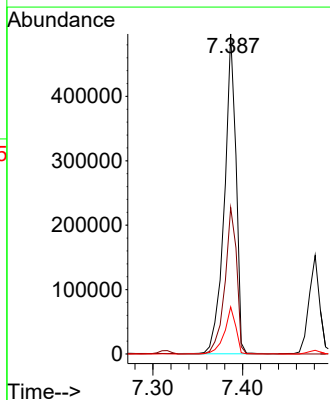
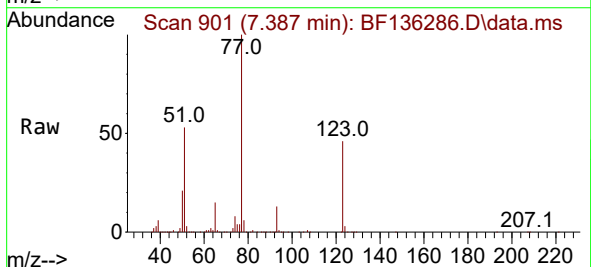
Manual Integrations
APPROVED

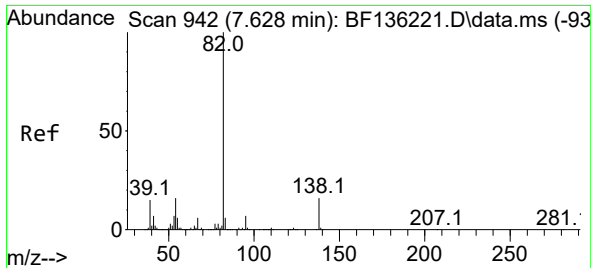
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#24
Nitrobenzene
Concen: 41.670 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

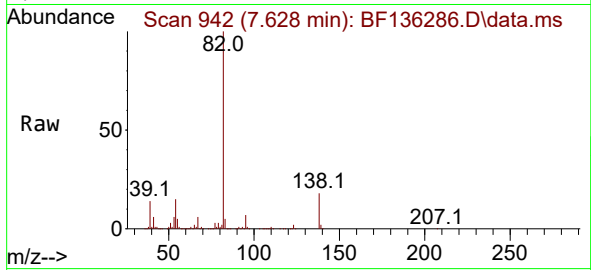
Tgt Ion: 77 Resp: 447366
Ion Ratio Lower Upper
77 100
123 45.8 35.4 53.2
65 14.7 11.0 16.6





#25
Isophorone
Concen: 43.382 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

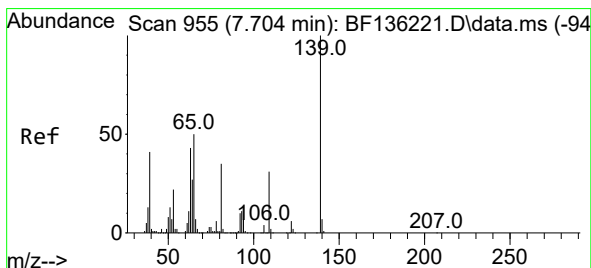
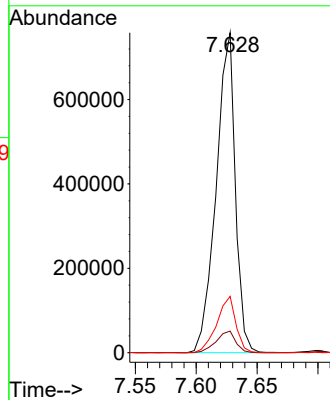
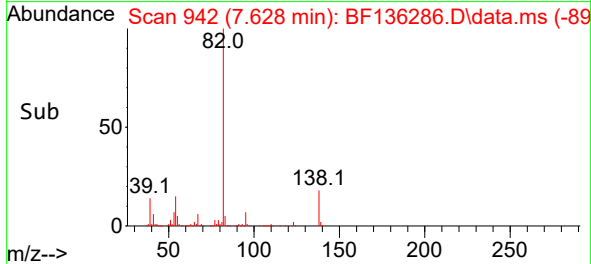
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



Tgt Ion: 82 Resp: 828704
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.6 12.8 19.2

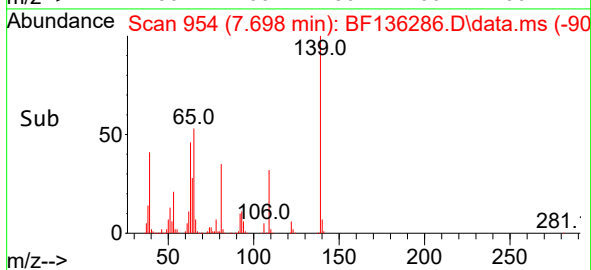
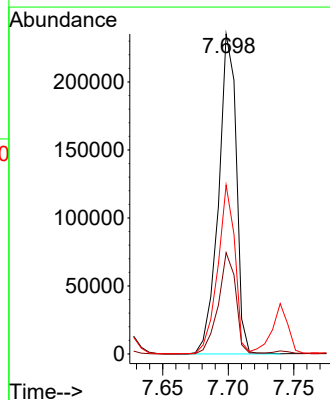
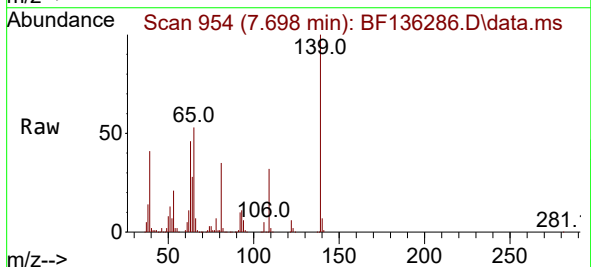
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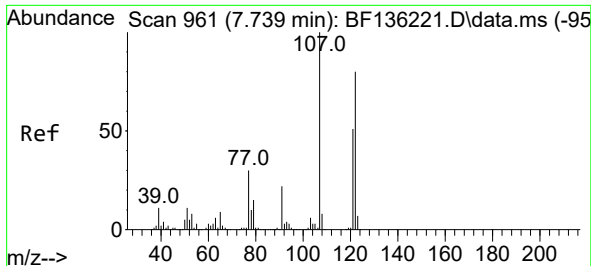
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#26
2-Nitrophenol
Concen: 48.399 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:139 Resp: 221387
Ion Ratio Lower Upper
139 100
109 31.6 25.0 37.6
65 52.8 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 54.153 ng

RT: 7.740 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136286.D

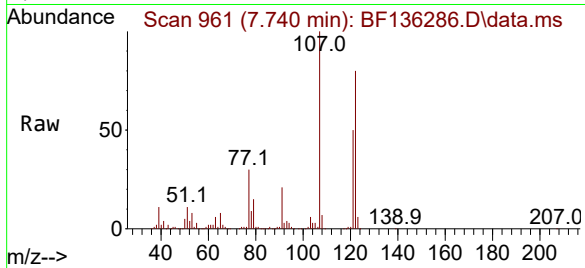
Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD



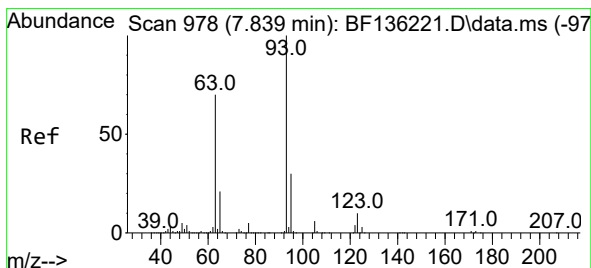
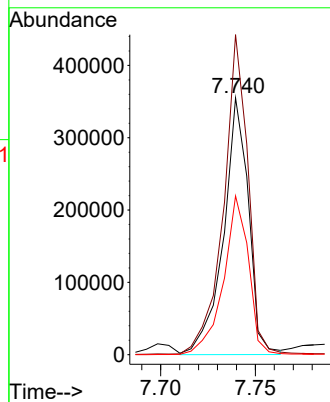
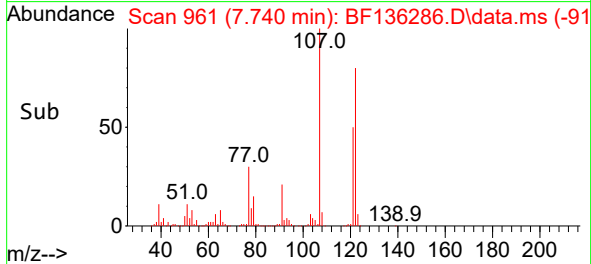
Tgt Ion:	122	Resp:	32603
Ion Ratio	Lower	Upper	
122	100		
107	124.6	100.0	150.0
121	61.8	50.7	76.1

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Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.104 ng

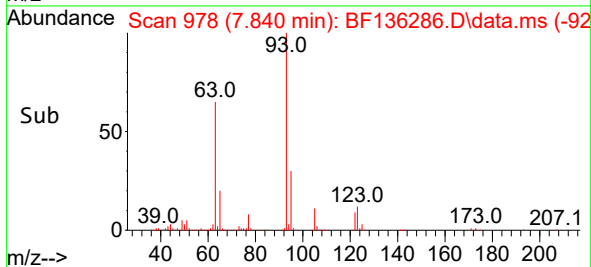
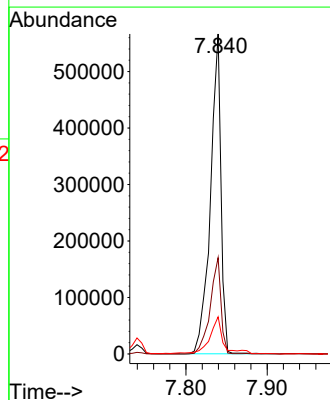
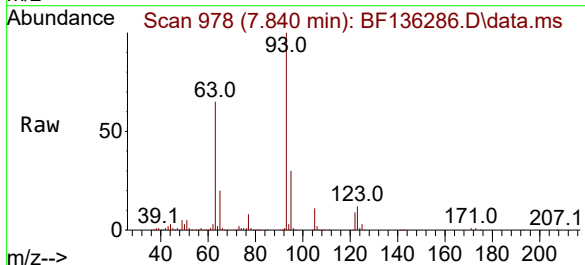
RT: 7.840 min Scan# 978

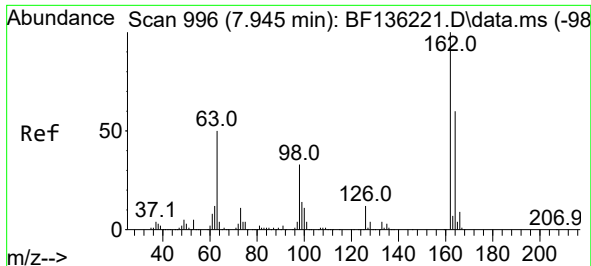
Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Tgt Ion:	93	Resp:	509611
Ion Ratio	Lower	Upper	
93	100		
95	30.1	23.8	35.6
123	11.6	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 45.814 ng

RT: 7.940 min Scan# 996

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

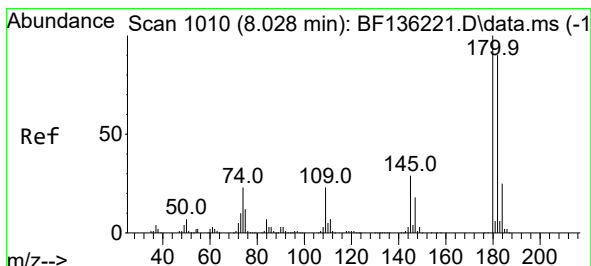
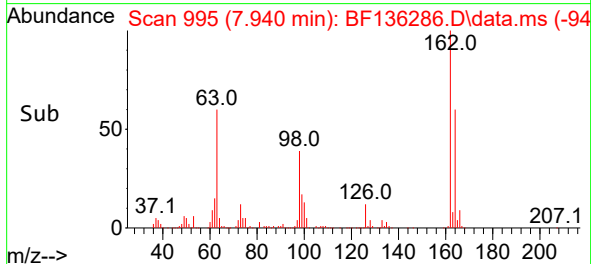
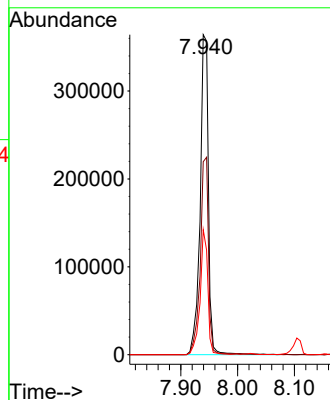
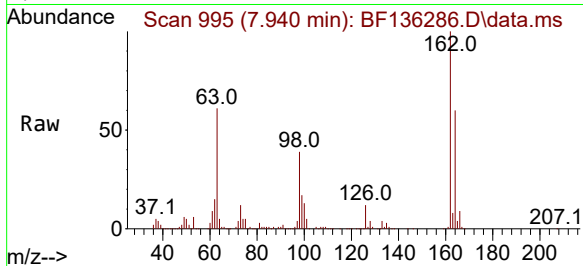
PB157073BSD

Tgt Ion:162 Resp: 37205
 Ion Ratio Lower Upper
 162 100
 164 60.3 40.3 80.3
 98 39.1 13.0 53.0

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Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.607 ng

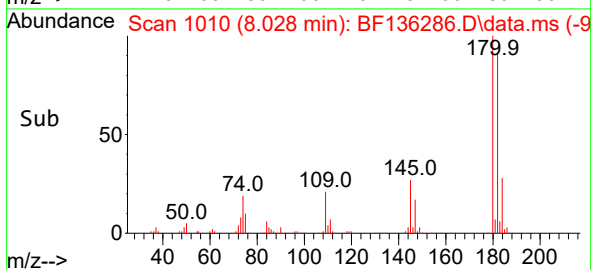
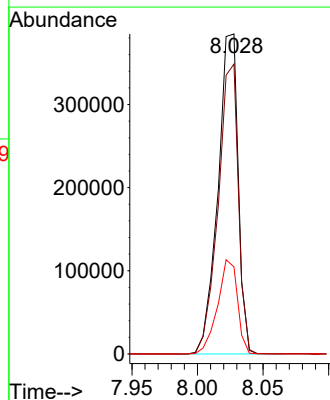
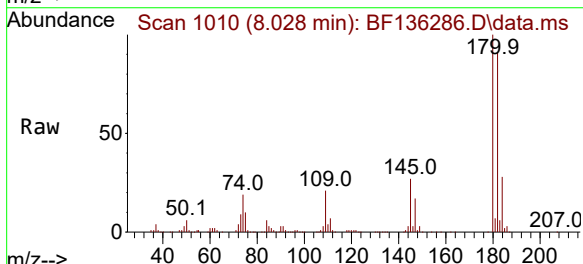
RT: 8.028 min Scan# 1010

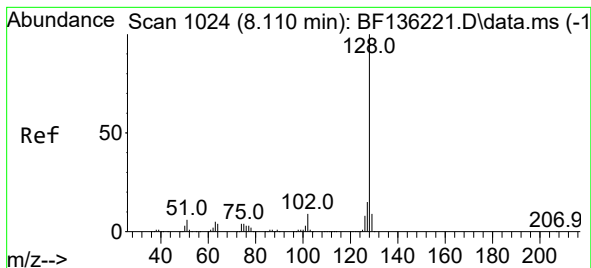
Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Tgt Ion:180 Resp: 413676
 Ion Ratio Lower Upper
 180 100
 182 90.6 71.6 107.4
 145 27.2 23.0 34.4





#31

Naphthalene

Concen: 42.712 ng

RT: 8.104 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

Tgt Ion:128 Resp: 1343978

Ion Ratio Lower Upper

128 100

129 10.0 7.3 10.9

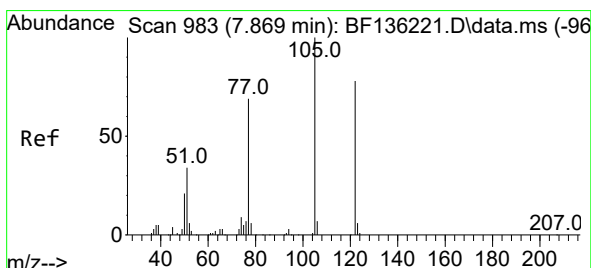
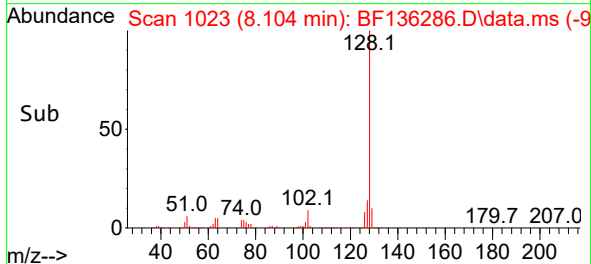
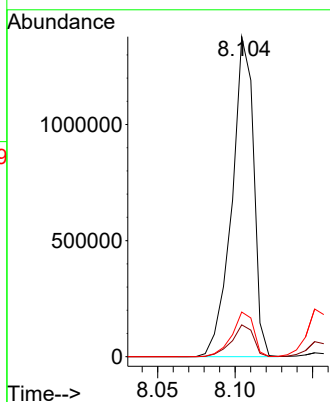
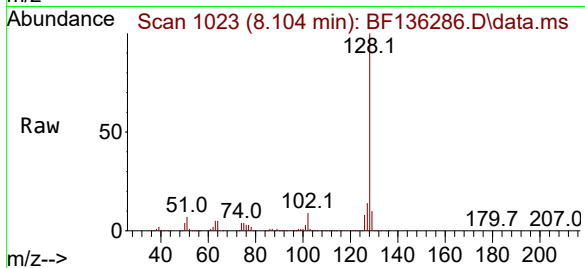
127 13.9 11.8 17.6

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Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#32

Benzoic acid

Concen: 48.865 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

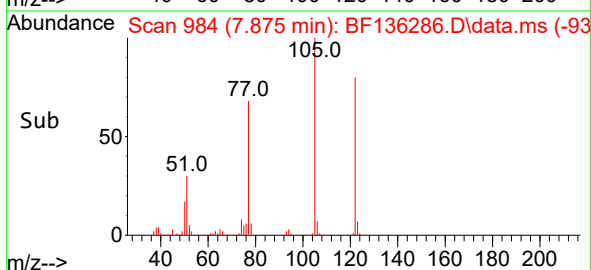
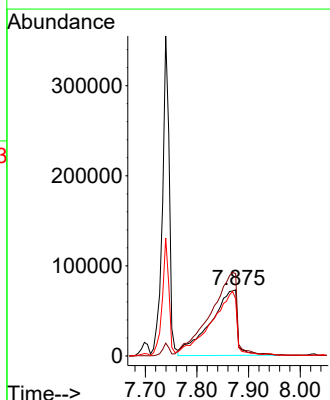
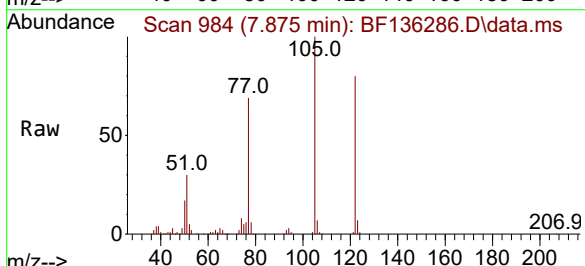
Tgt Ion:122 Resp: 268126

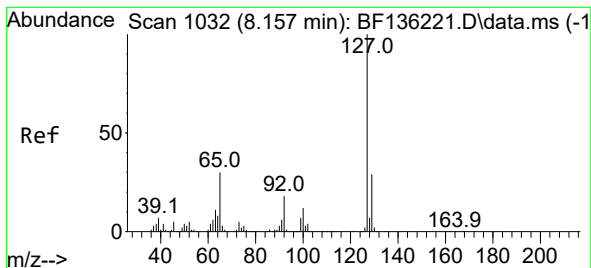
Ion Ratio Lower Upper

122 100

105 124.8 103.7 143.7

77 86.4 66.8 106.8





#33
4-Chloroaniline
Concen: 19.192 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

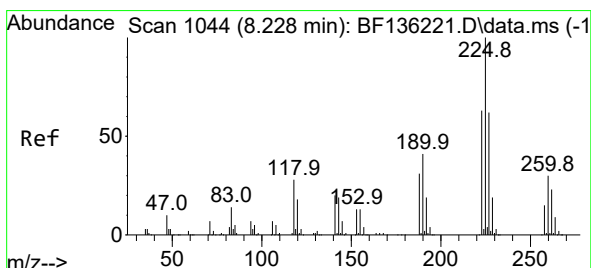
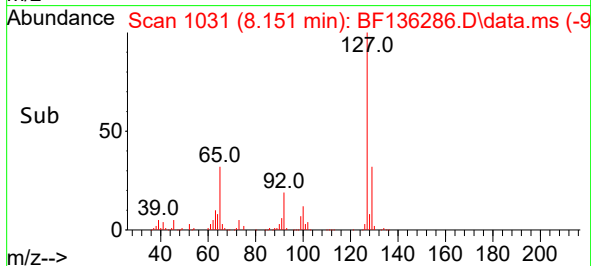
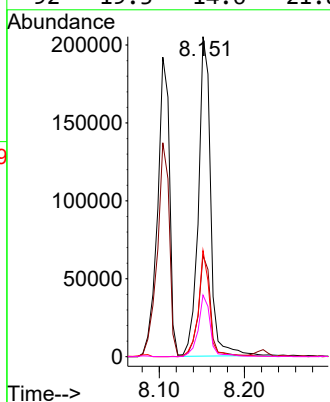
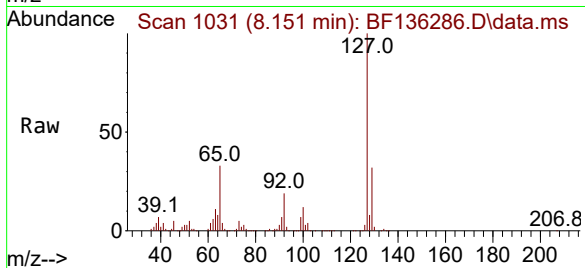
ClientSampleId :

PB157073BSD

Tgt Ion:127 Resp: 205270
Ion Ratio Lower Upper
127 100
129 31.6 23.4 35.2
65 33.1 23.8 35.6
92 19.3 14.6 21.8

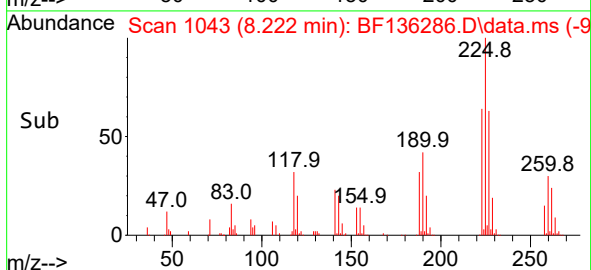
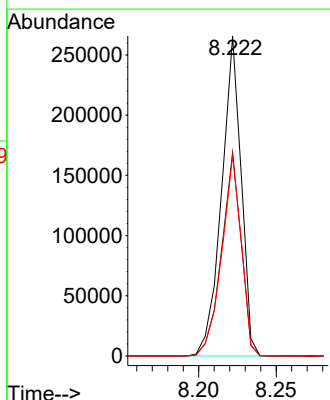
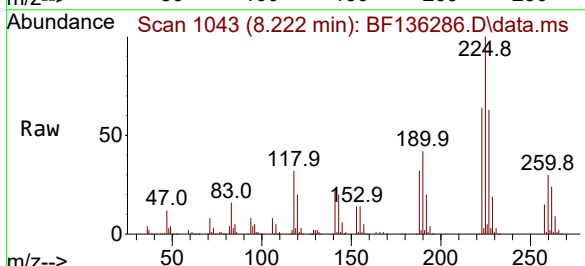
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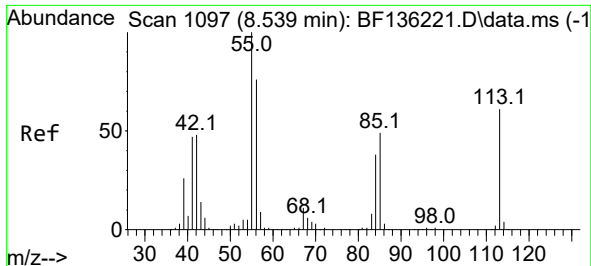
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 40.040 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

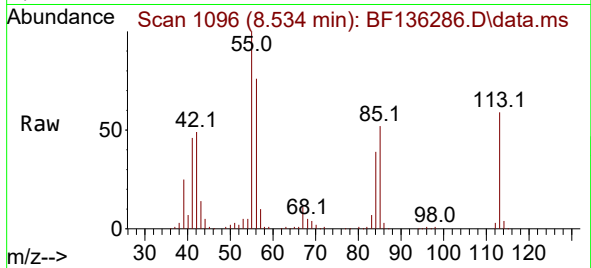
Tgt Ion:225 Resp: 232902
Ion Ratio Lower Upper
225 100
223 63.7 50.6 75.8
227 62.6 49.6 74.4





#35
Caprolactam
Concen: 48.202 ng m
RT: 8.534 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

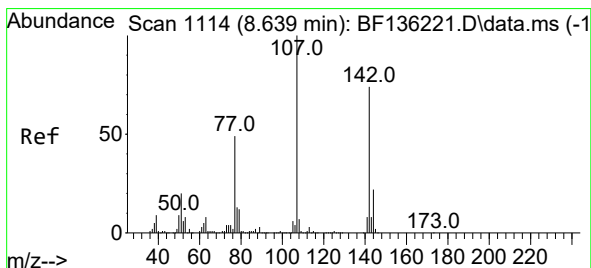
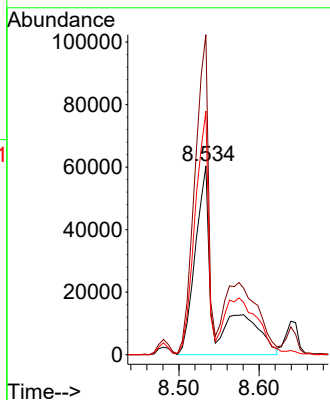
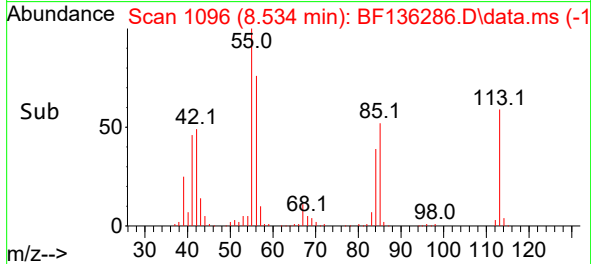
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



Tgt Ion:113 Resp: 10942
Ion Ratio Lower Upper
113 100
55 169.5 143.1 183.1
56 129.0 103.6 143.6

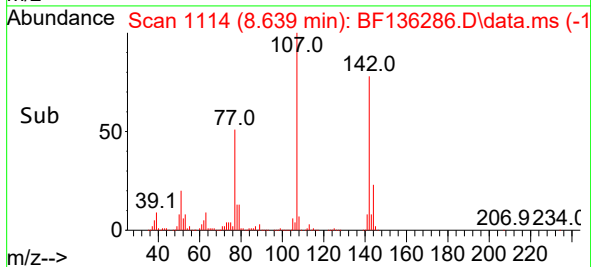
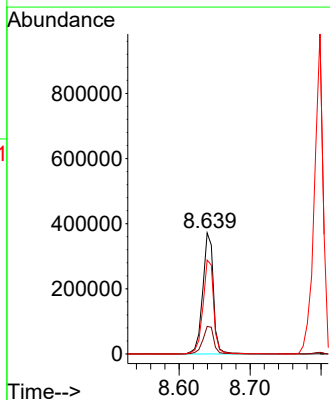
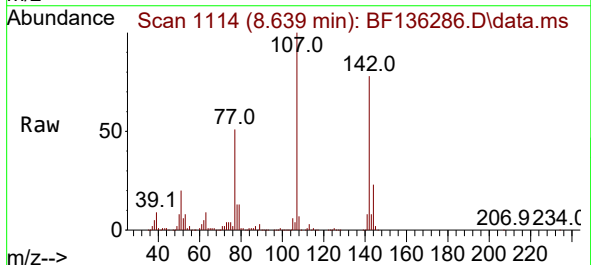
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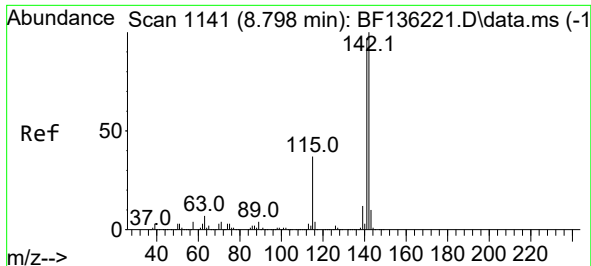
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#36
4-Chloro-3-methylphenol
Concen: 44.386 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:107 Resp: 390930
Ion Ratio Lower Upper
107 100
144 22.8 17.8 26.8
142 77.6 59.4 89.0





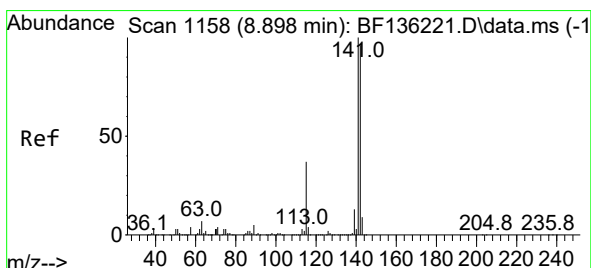
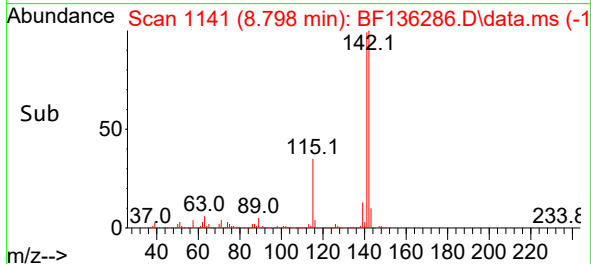
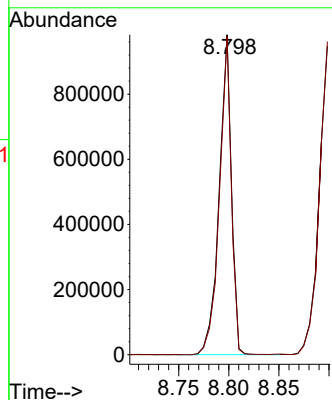
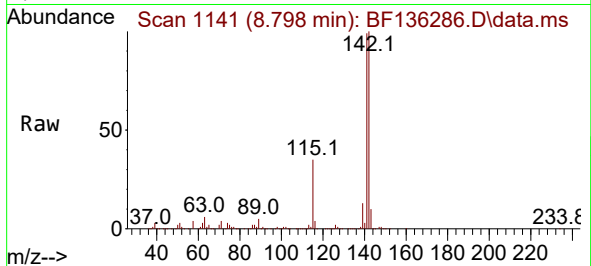
#37
2-Methylnaphthalene
Concen: 42.297 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Instrument :
BNA_F
ClientSampleId :
PB157073BSD

Tgt Ion:142 Resp: 83487
Ion Ratio Lower Upper
142 100
141 99.4 77.8 116.8

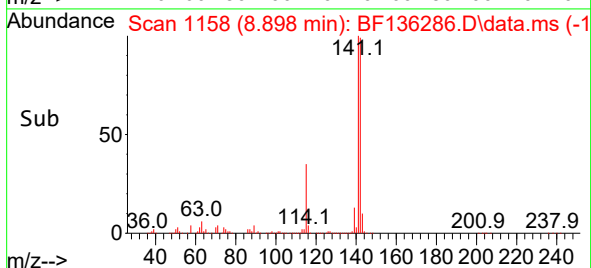
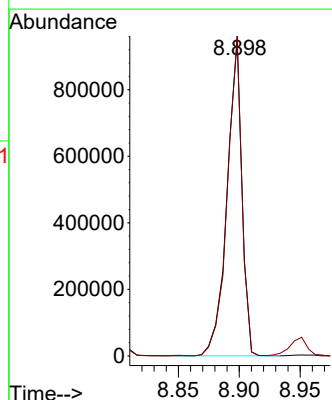
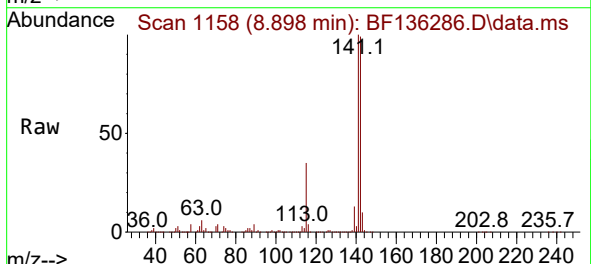
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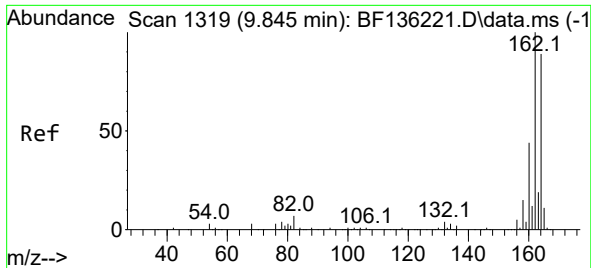
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#38
1-Methylnaphthalene
Concen: 41.977 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:142 Resp: 808286
Ion Ratio Lower Upper
142 100
141 101.4 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF136286.D

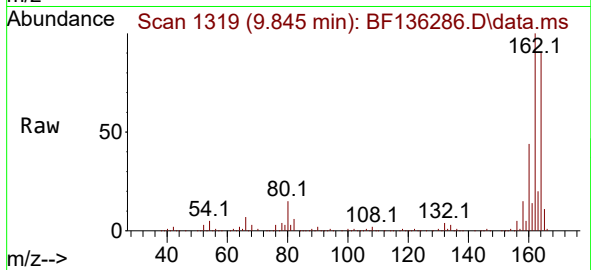
Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

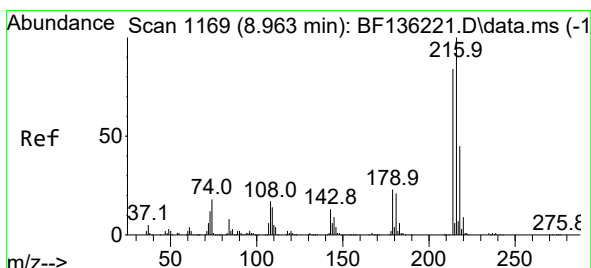
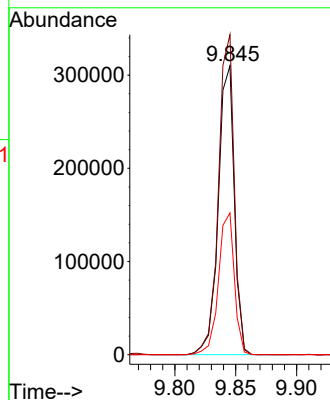
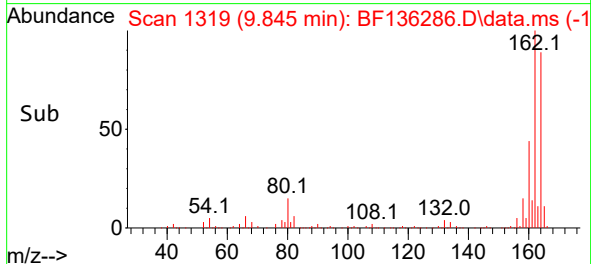
PB157073BSD



Tgt Ion:164	Resp:	28462
Ion Ratio	Lower	Upper
164	100	
162	110.7	89.5 134.3
160	49.1	39.6 59.4

Manual Integrations
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Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#40

1,2,4,5-Tetrachlorobenzene

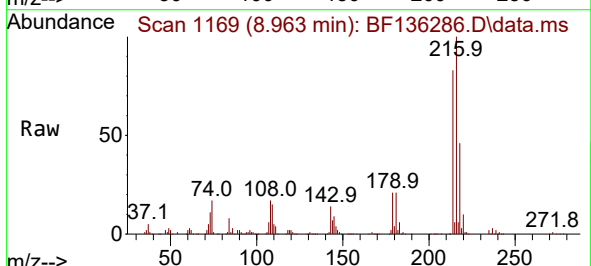
Concen: 44.932 ng

RT: 8.963 min Scan# 1169

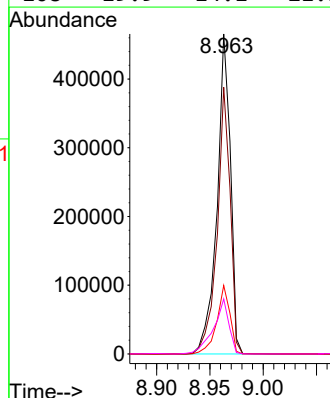
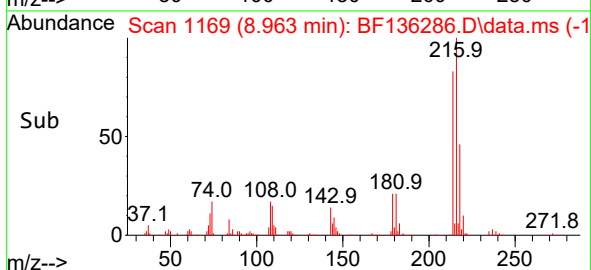
Delta R.T. 0.000 min

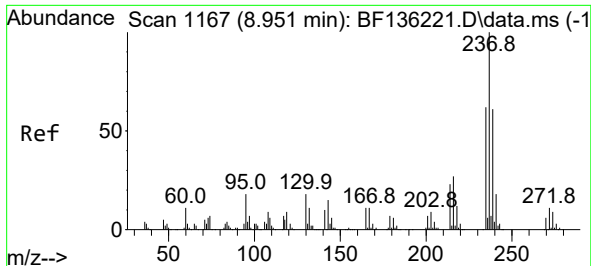
Lab File: BF136286.D

Acq: 29 Nov 2023 16:32



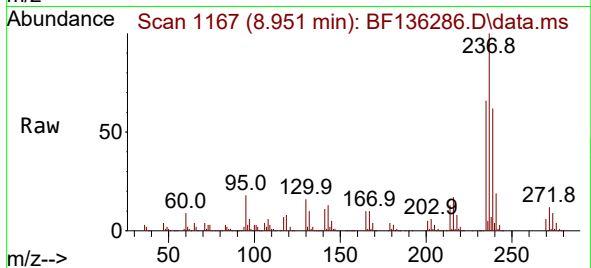
Tgt Ion:216	Resp:	407006
Ion Ratio	Lower	Upper
216	100	
214	80.8	65.8 98.8
179	21.1	17.4 26.0
108	19.9	14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 134.903 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

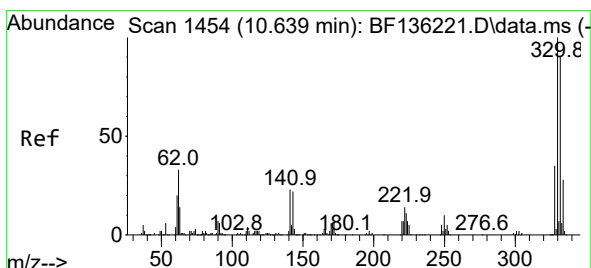
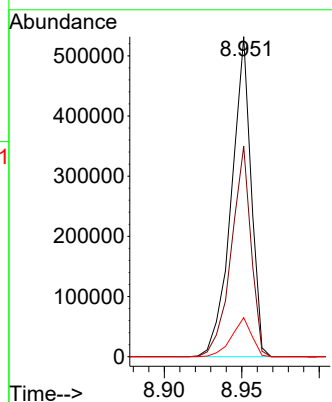
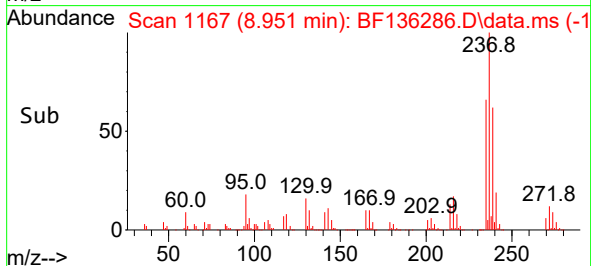
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



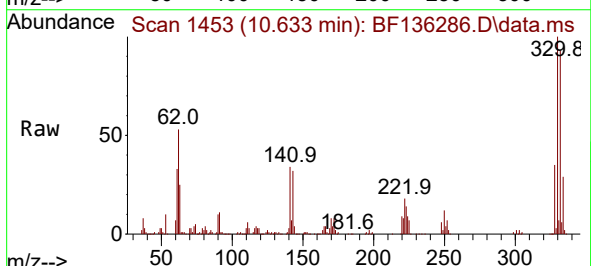
Tgt Ion:237 Resp: 47020
Ion Ratio Lower Upper
237 100
235 65.8 42.1 82.1
272 12.2 0.0 31.0

Manual Integrations
APPROVED

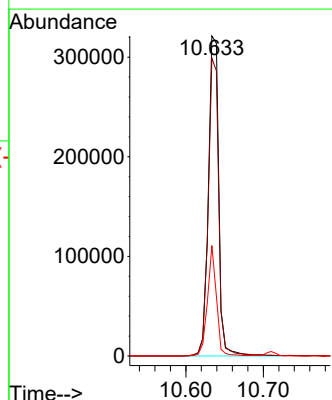
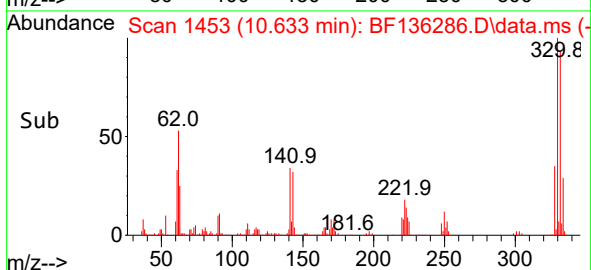
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

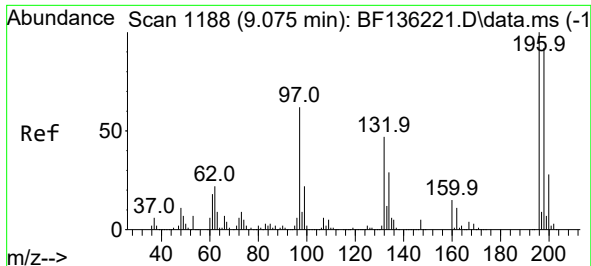


#42
2,4,6-Tribromophenol
Concen: 85.991 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



Tgt Ion:330 Resp: 299233
Ion Ratio Lower Upper
330 100
332 93.7 73.0 109.6
141 29.7 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 44.550 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF136286.D

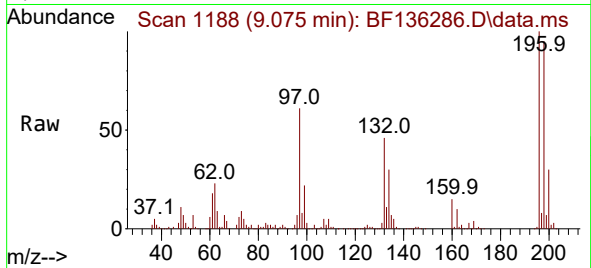
Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD



Tgt Ion:196 Resp: 261928

Ion Ratio Lower Upper

196 100

198 94.7 73.2 109.8

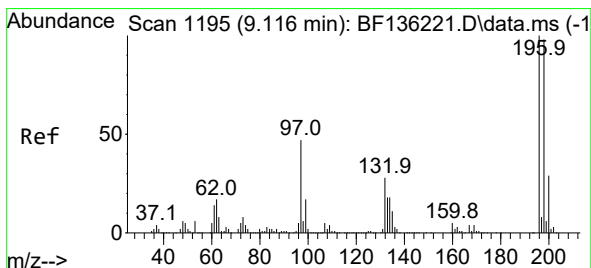
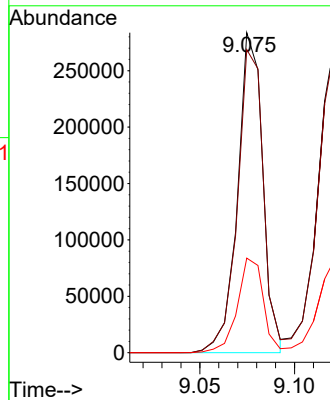
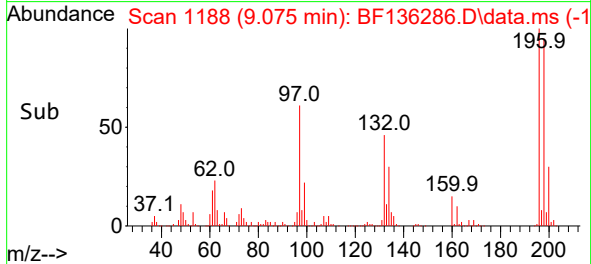
200 29.6 22.4 33.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#44

2,4,5-Trichlorophenol

Concen: 44.921 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Tgt Ion:196 Resp: 288222

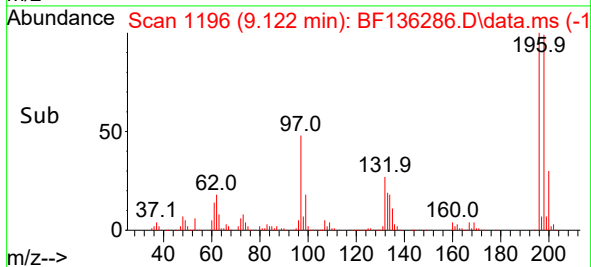
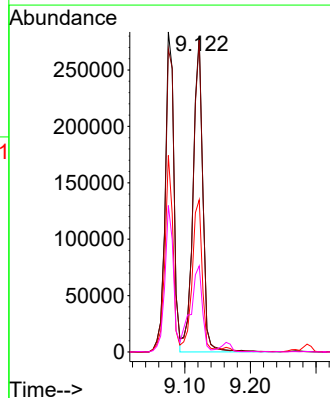
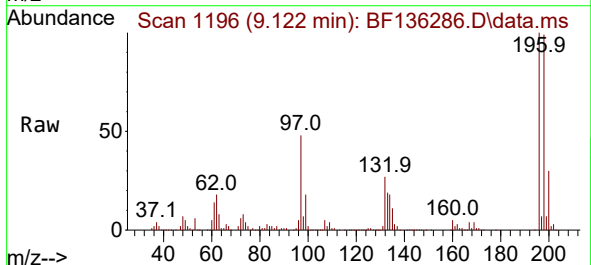
Ion Ratio Lower Upper

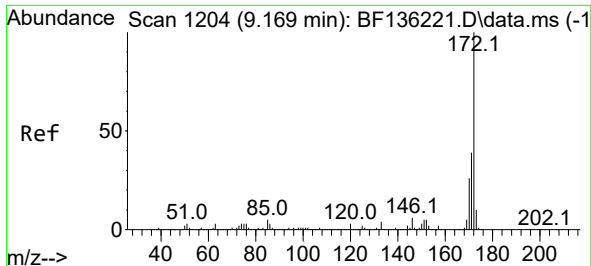
196 100

198 98.6 78.8 118.2

97 48.1 37.8 56.8

132 27.2 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 85.026 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

Tgt Ion:172 Resp: 1894669

Ion Ratio Lower Upper

172 100

171 38.8 31.5 47.3

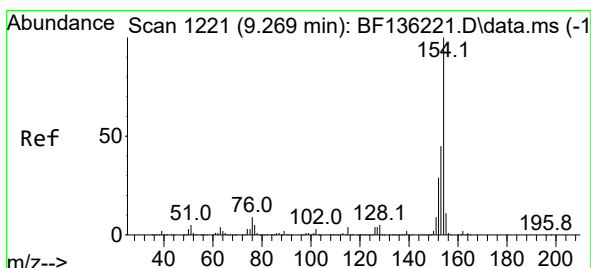
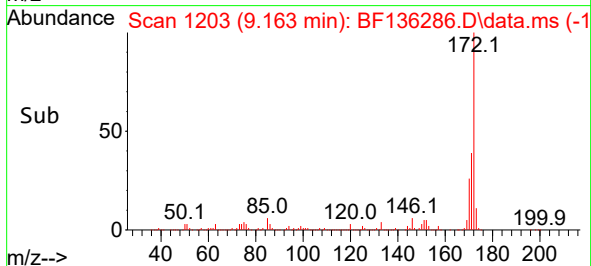
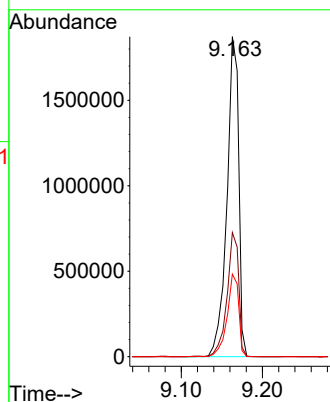
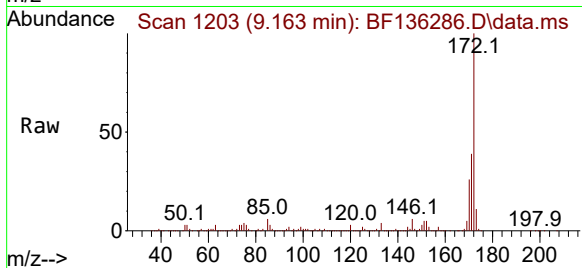
170 25.8 20.8 31.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#46

1,1'-Biphenyl

Concen: 44.905 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

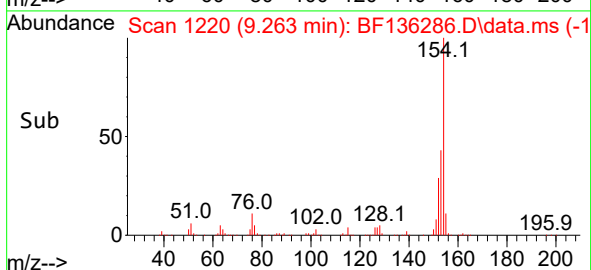
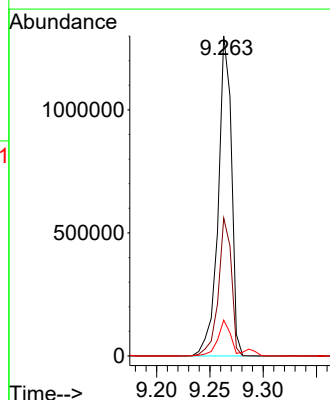
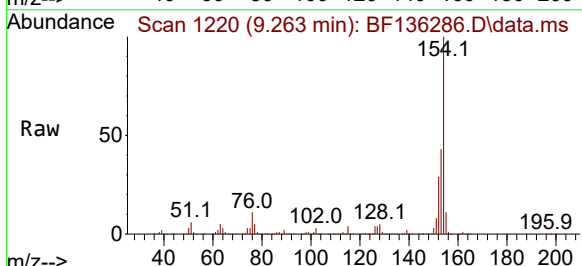
Tgt Ion:154 Resp: 1127116

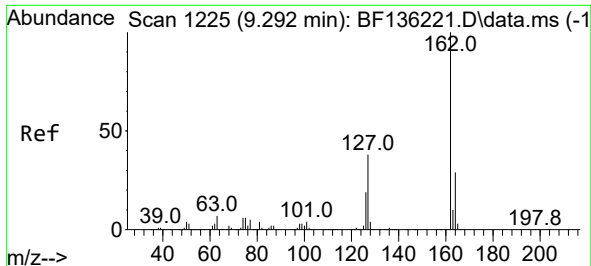
Ion Ratio Lower Upper

154 100

153 43.1 24.6 64.6

76 11.2 0.0 29.4





#47

2-Chloronaphthalene

Concen: 43.388 ng

RT: 9.287 min Scan# 1224

Delta R.T. -0.005 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

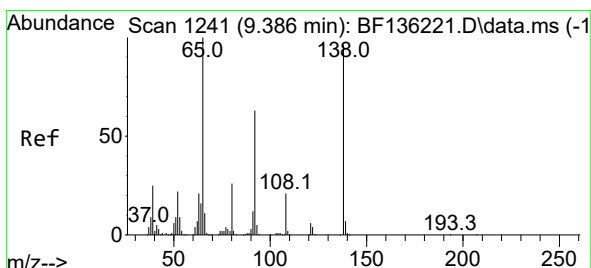
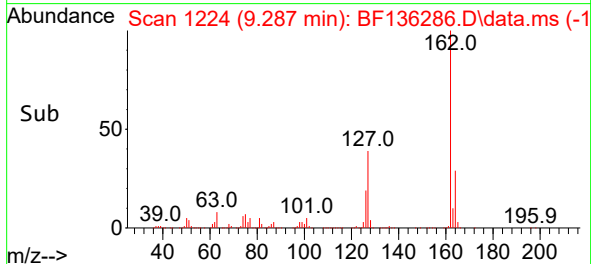
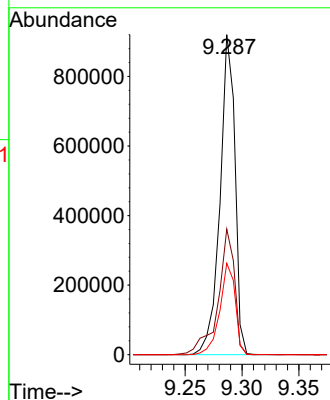
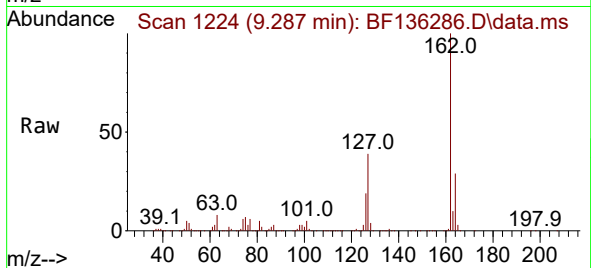
Tgt Ion:162 Resp: 845725
 Ion Ratio Lower Upper
 162 100
 127 39.2 30.2 45.2
 164 28.5 22.8 34.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#48

2-Nitroaniline

Concen: 45.832 ng

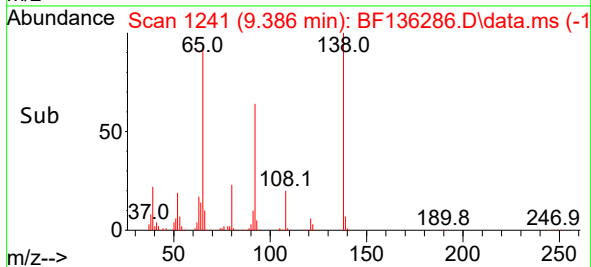
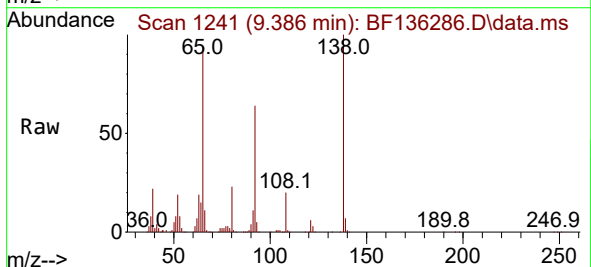
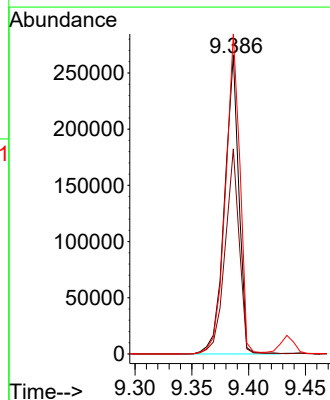
RT: 9.386 min Scan# 1241

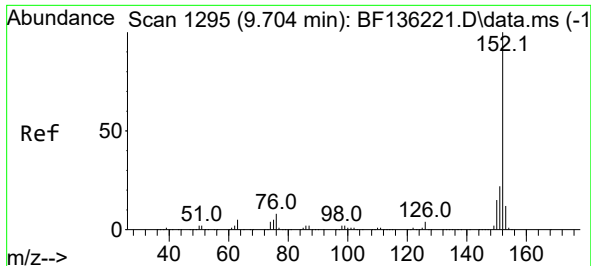
Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

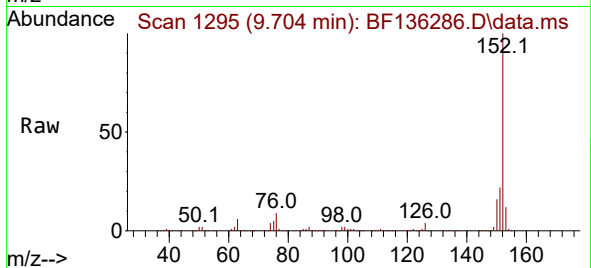
Tgt Ion: 65 Resp: 233244
 Ion Ratio Lower Upper
 65 100
 92 68.6 50.6 75.8
 138 106.9 76.7 115.1





#49
Acenaphthylene
Concen: 48.207 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

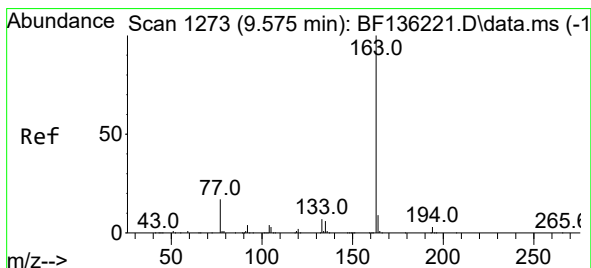
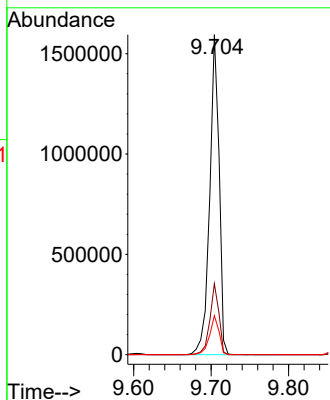
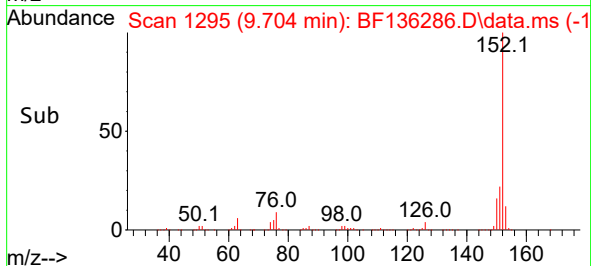
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



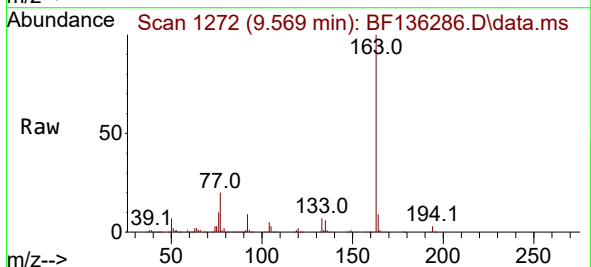
Tgt Ion:152 Resp: 134095
Ion Ratio Lower Upper
152 100
151 22.2 17.5 26.3
153 12.2 9.6 14.4

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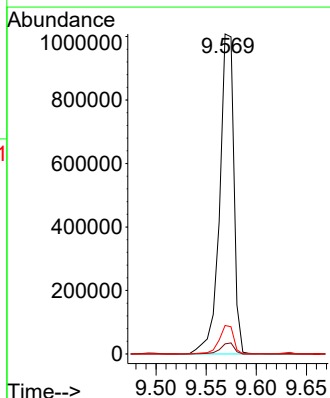
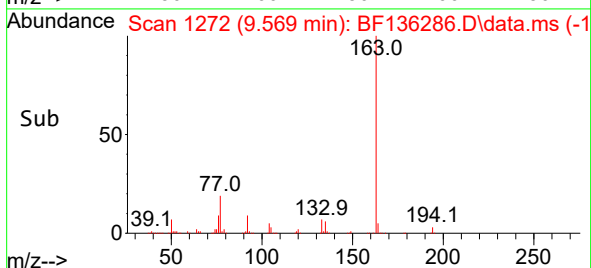
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

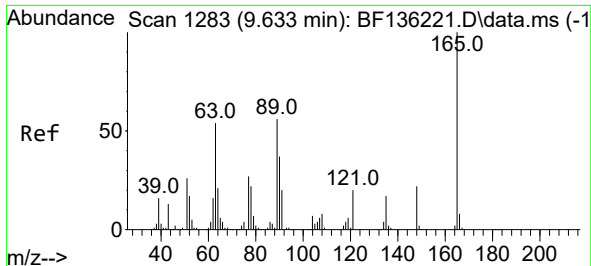


#50
Dimethylphthalate
Concen: 46.043 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



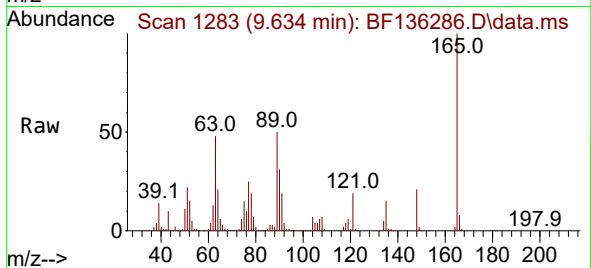
Tgt Ion:163 Resp: 990500
Ion Ratio Lower Upper
163 100
194 3.2 2.5 3.7
164 8.9 7.0 10.6





#51
2,6-Dinitrotoluene
Concen: 46.105 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

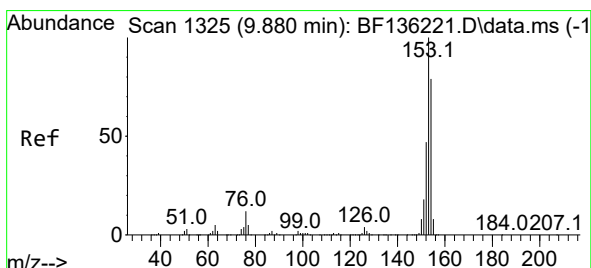
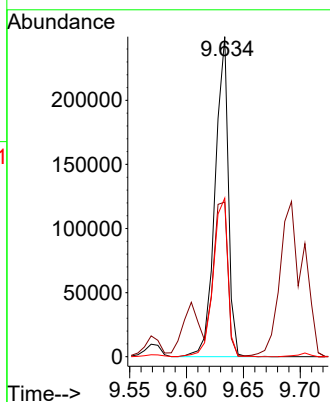
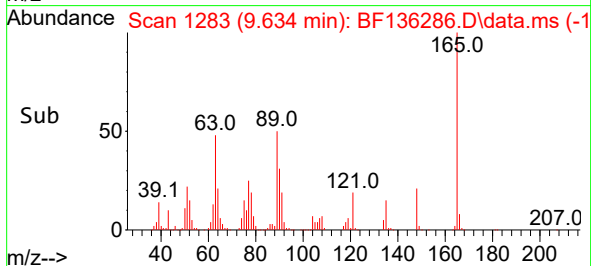
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



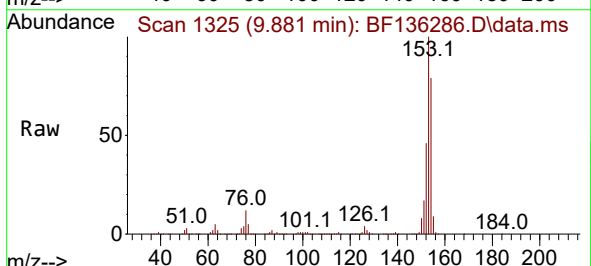
Tgt Ion:165 Resp: 202628
Ion Ratio Lower Upper
165 100
63 48.3 46.2 69.2
89 49.5 44.9 67.3

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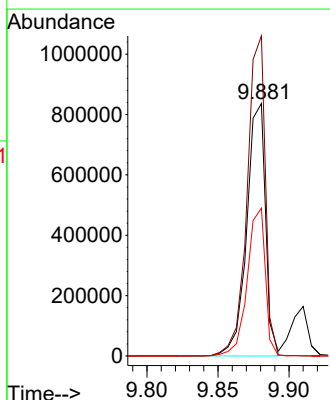
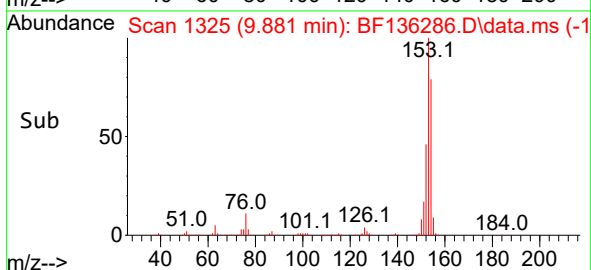
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

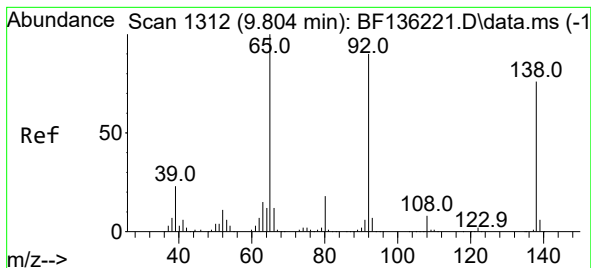


#52
Acenaphthene
Concen: 43.860 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



Tgt Ion:154 Resp: 770993
Ion Ratio Lower Upper
154 100
153 126.7 100.8 151.2
152 58.6 47.0 70.6





#53
3-Nitroaniline
Concen: 29.992 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

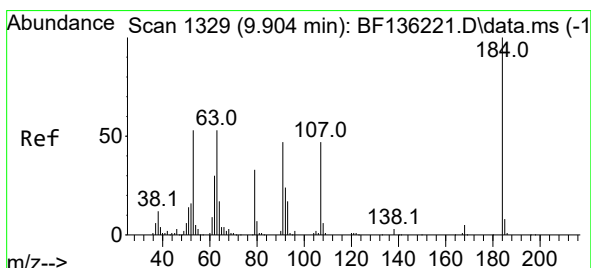
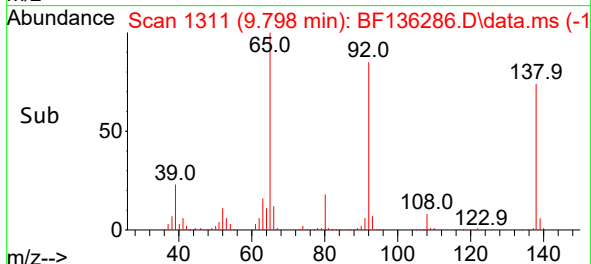
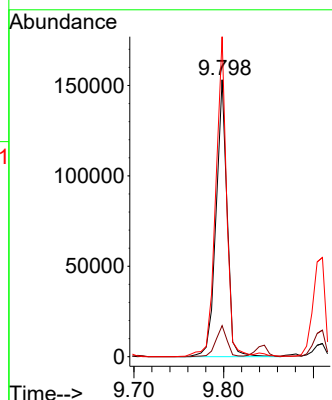
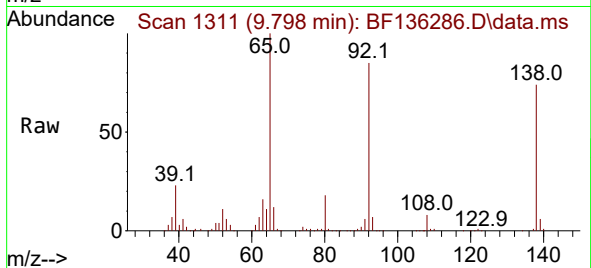
ClientSampleId :

PB157073BSD

Tgt Ion:138 Resp: 13078
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 115.5 94.2 141.4

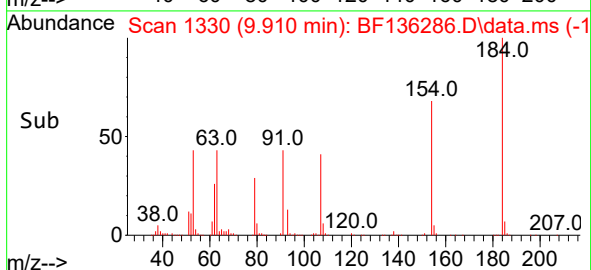
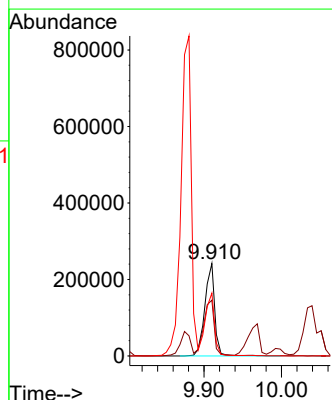
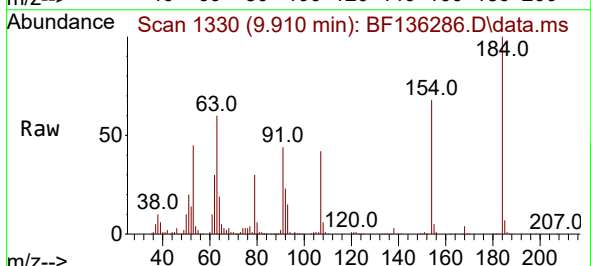
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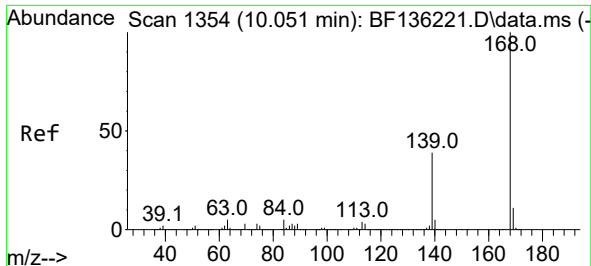
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#54
2,4-Dinitrophenol
Concen: 105.052 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

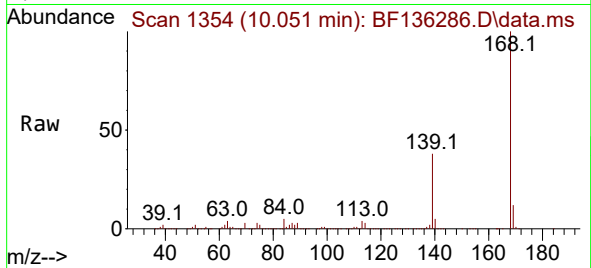
Tgt Ion:184 Resp: 214725
Ion Ratio Lower Upper
184 100
63 60.3 55.0 82.4
154 68.0 54.9 82.3





#55
Dibenzenofuran
Concen: 44.931 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

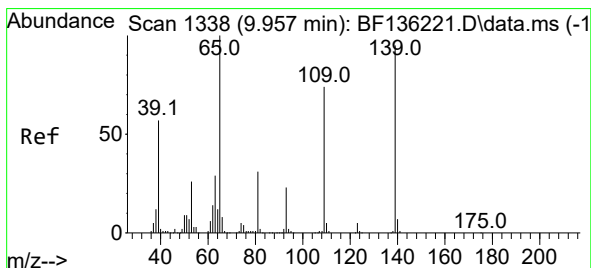
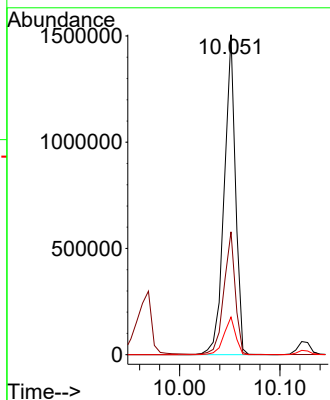
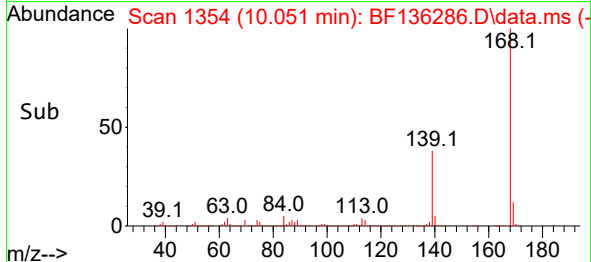
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



Tgt Ion:168 Resp: 117529
Ion Ratio Lower Upper
168 100
139 38.4 30.9 46.3
169 11.7 9.1 13.7

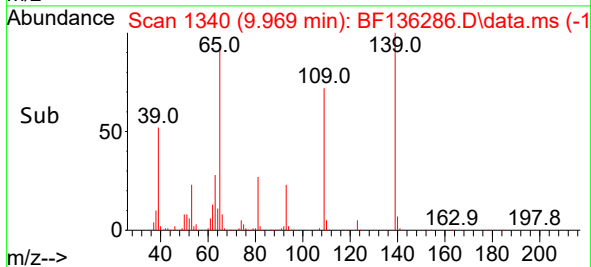
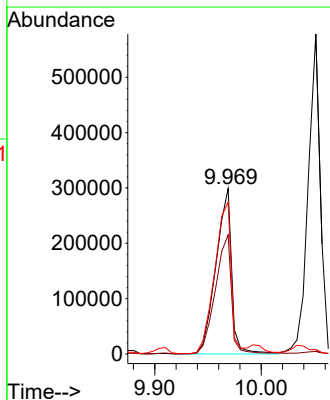
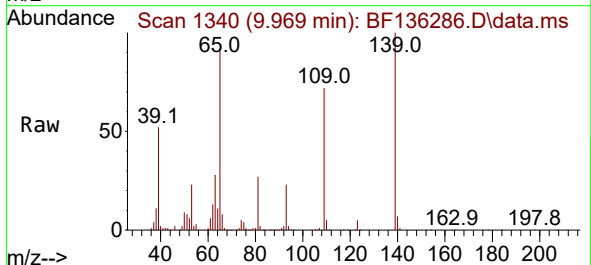
Manual Integrations
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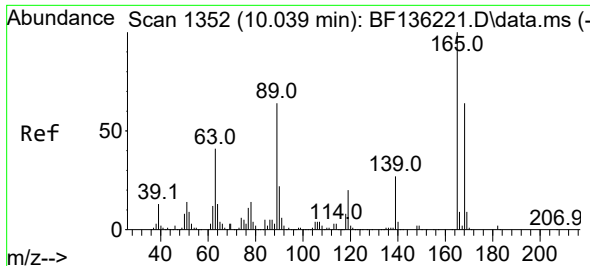
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 92.353 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

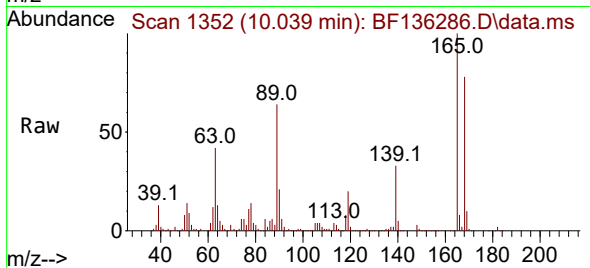
Tgt Ion:139 Resp: 305873
Ion Ratio Lower Upper
139 100
109 71.9 57.8 97.8
65 91.8 86.0 126.0





#57
2,4-Dinitrotoluene
Concen: 46.826 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

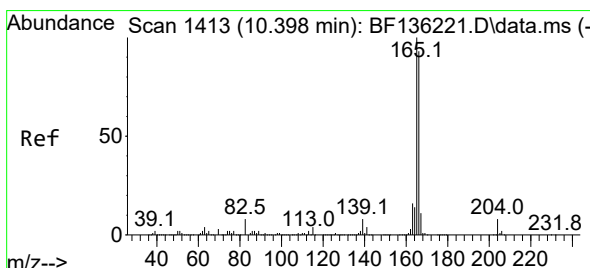
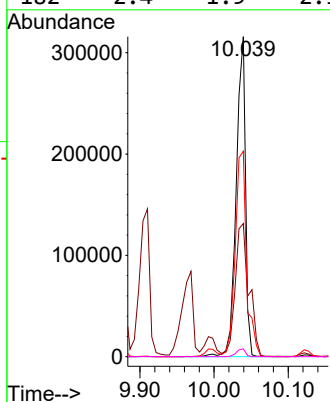
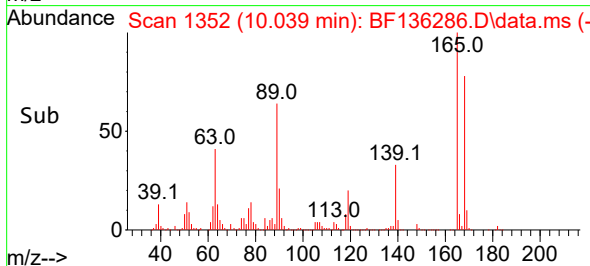
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



Tgt Ion:165 Resp: 274890
Ion Ratio Lower Upper
165 100
63 41.6 33.0 49.4
89 64.2 51.5 77.3
182 2.4 1.9 2.9

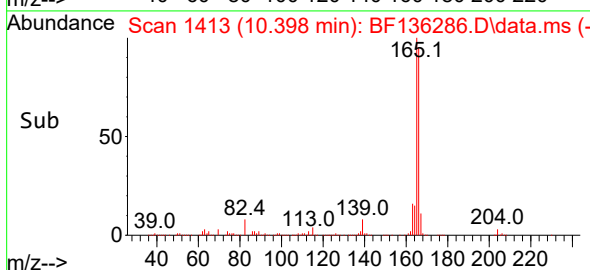
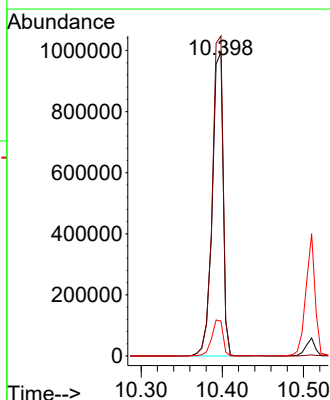
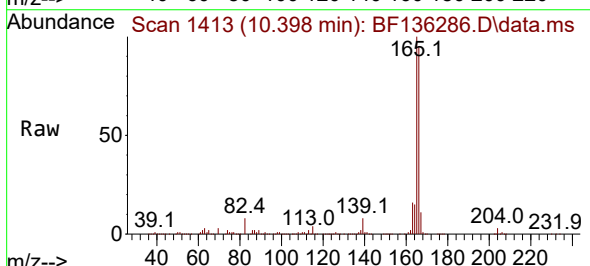
Manual Integrations
APPROVED

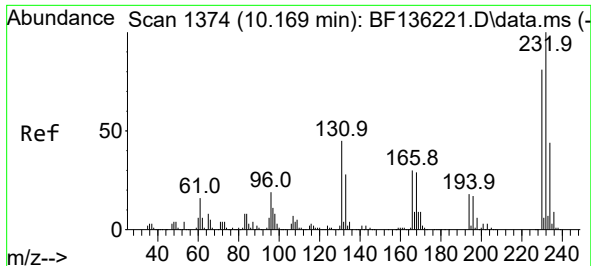
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#58
Fluorene
Concen: 44.797 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

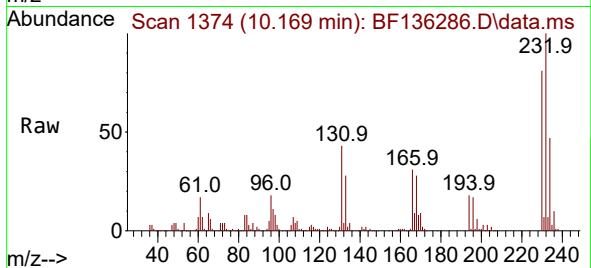
Tgt Ion:166 Resp: 919143
Ion Ratio Lower Upper
166 100
165 105.3 86.2 129.4
167 11.5 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.169 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

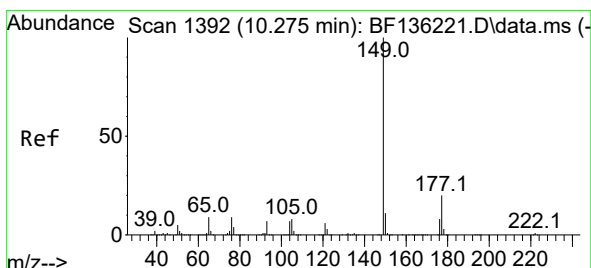
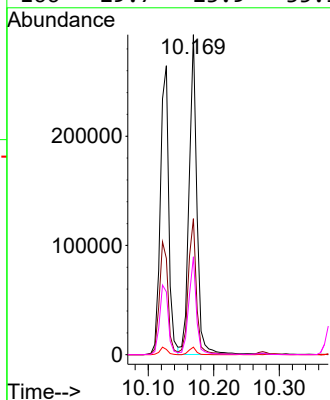
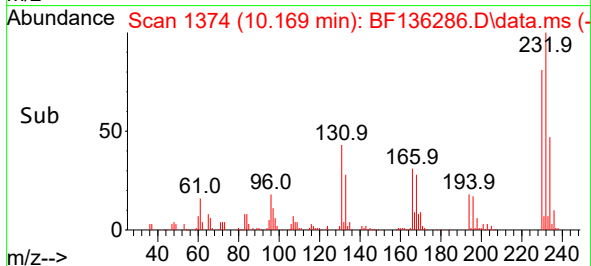
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



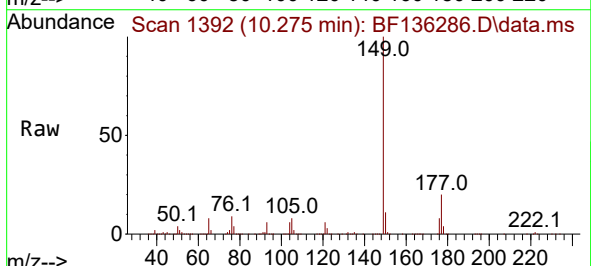
Tgt Ion:232 Resp: 240800
Ion Ratio Lower Upper
232 100
131 43.8 36.4 54.6
130 2.2 1.9 2.9
166 29.7 23.9 35.9

Manual Integrations
APPROVED

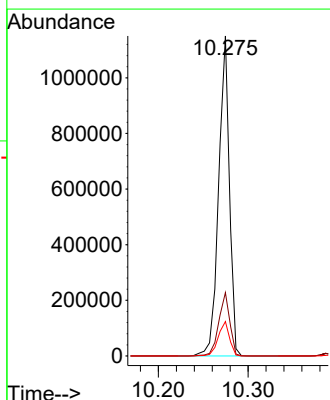
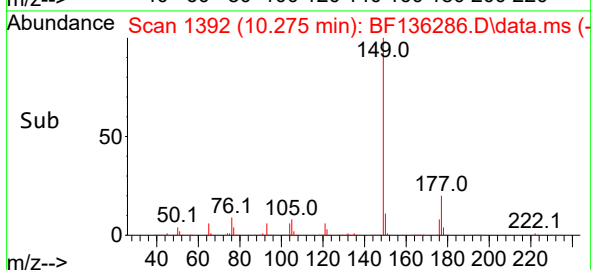
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

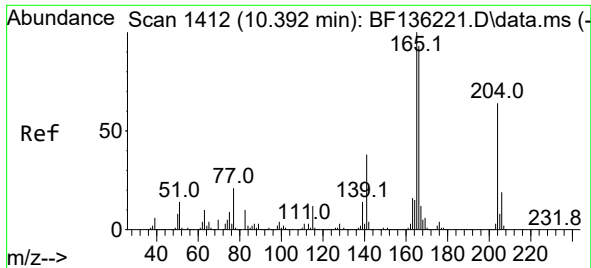


#60
Diethylphthalate
Concen: 44.528 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



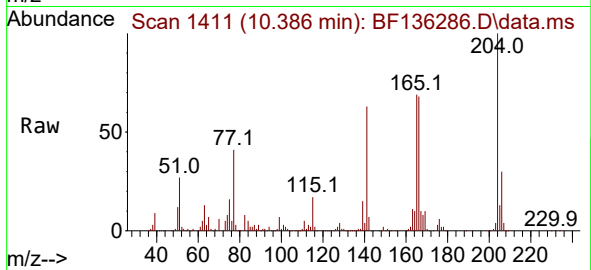
Tgt Ion:149 Resp: 958208
Ion Ratio Lower Upper
149 100
177 19.8 15.8 23.6
150 10.8 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 43.599 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

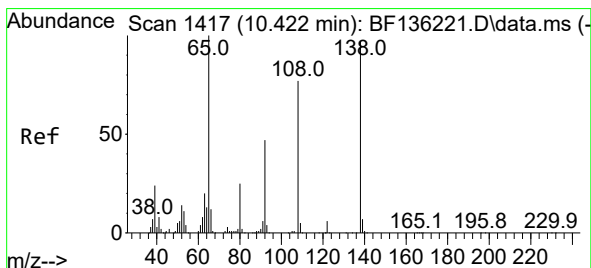
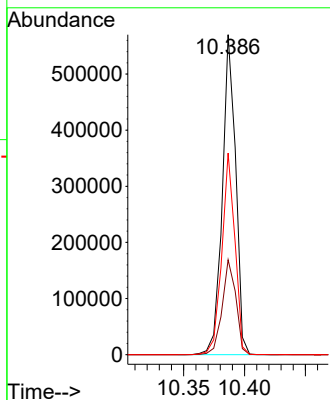
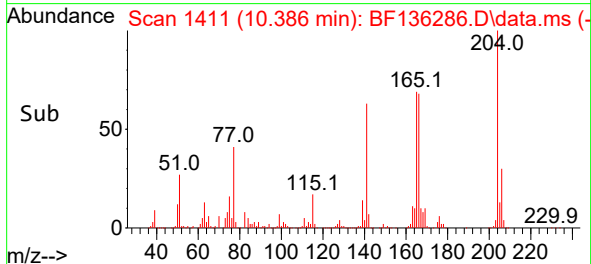
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



Tgt Ion:204 Resp: 43442
Ion Ratio Lower Upper
204 100
206 29.6 23.4 35.0
141 63.0 47.6 71.4

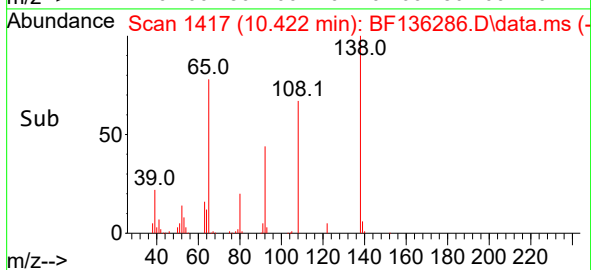
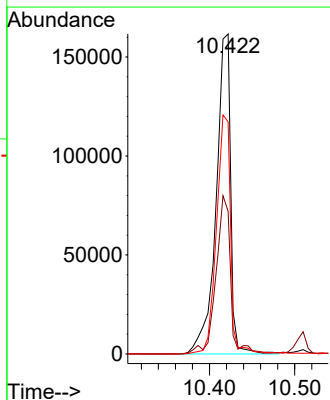
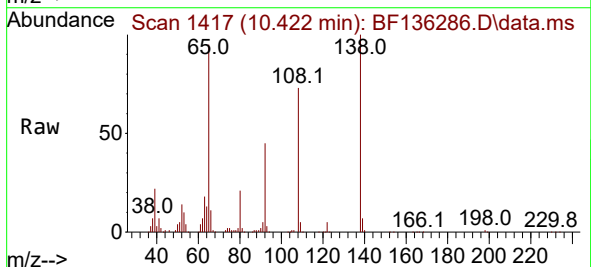
Manual Integrations
APPROVED

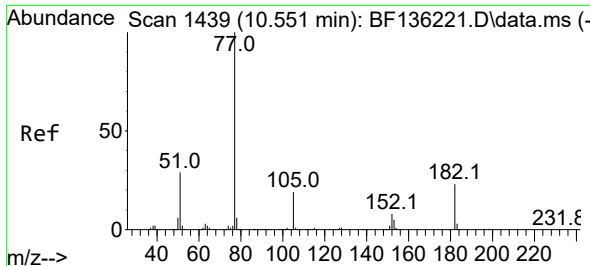
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#62
4-Nitroaniline
Concen: 45.038 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

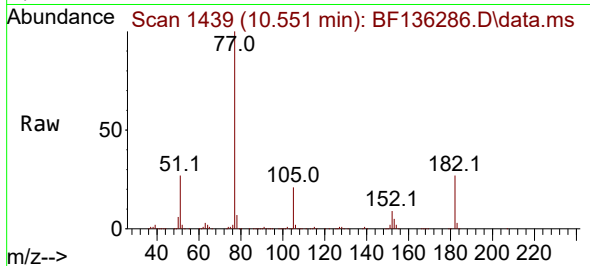
Tgt Ion:138 Resp: 192245
Ion Ratio Lower Upper
138 100
92 44.6 28.5 68.5
108 72.6 59.8 99.8





#63
Azobenzene
Concen: 43.941 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

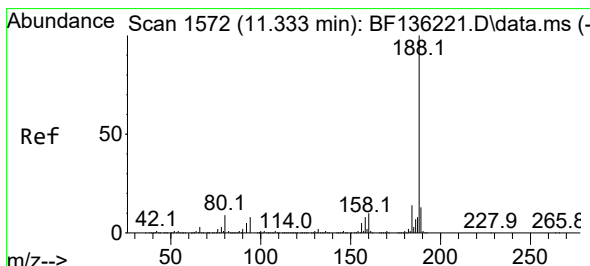
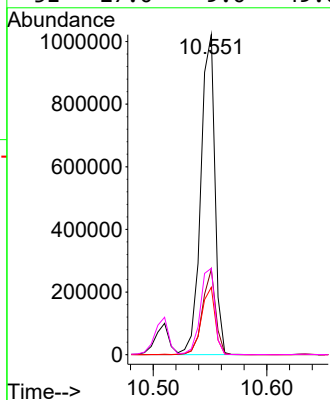
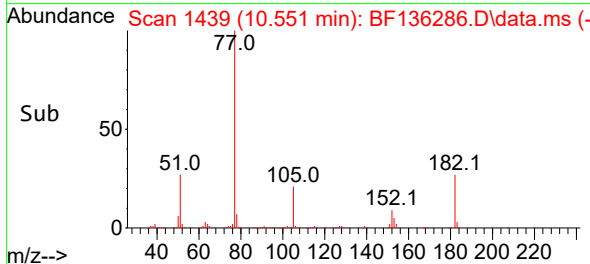
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



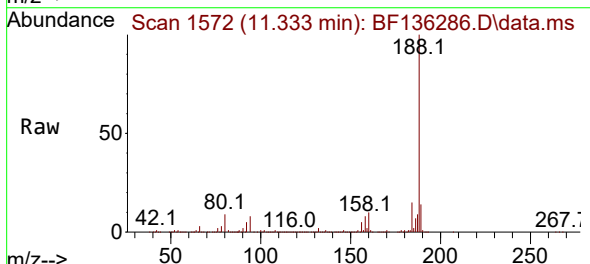
Tgt Ion: 77 Resp: 876635
Ion Ratio Lower Upper
77 100
182 26.7 3.3 43.3
105 21.0 0.0 39.5
51 27.0 9.0 49.0

Manual Integrations
APPROVED

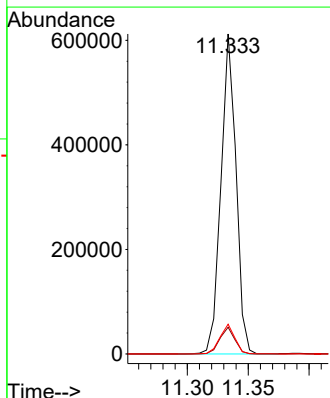
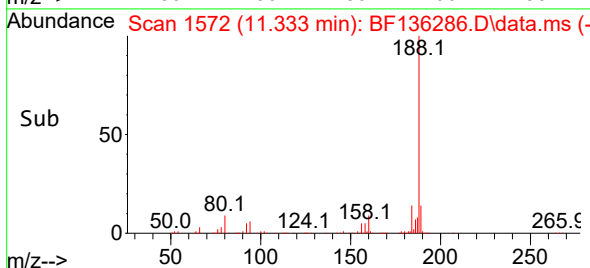
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

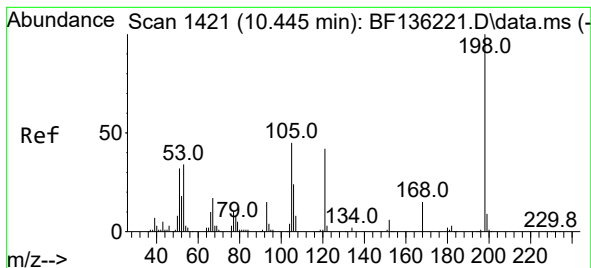


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



Tgt Ion:188 Resp: 529275
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.3 7.2 10.8





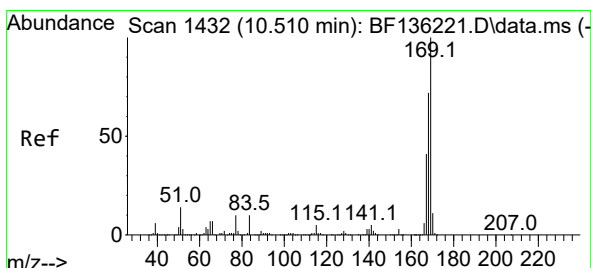
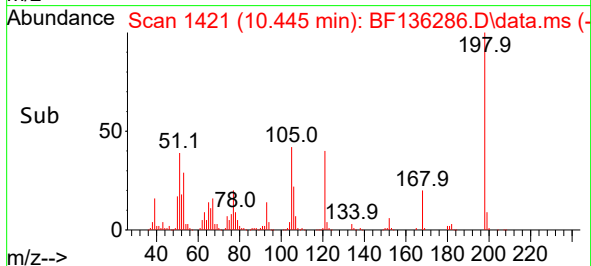
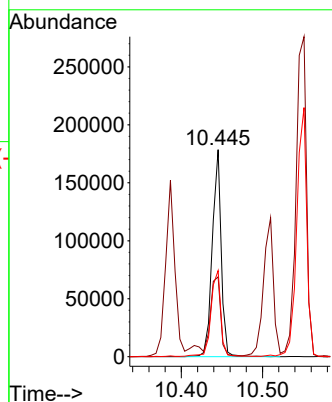
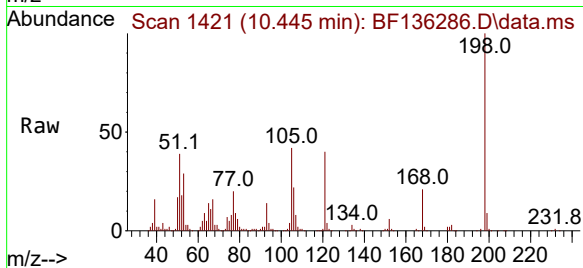
#65
4,6-Dinitro-2-methylphenol
Concen: 47.028 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Instrument :
BNA_F
ClientSampleId :
PB157073BSD

Tgt Ion:198 Resp: 136114
Ion Ratio Lower Upper
198 100
51 38.6 28.2 68.2
105 41.6 25.7 65.7

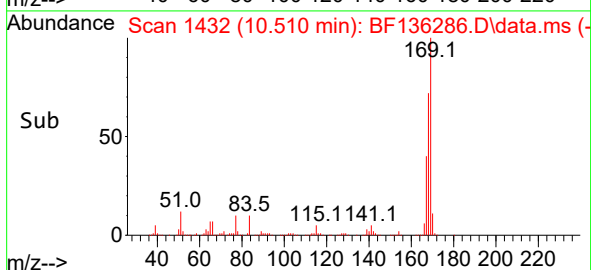
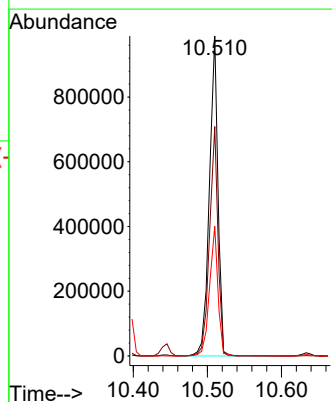
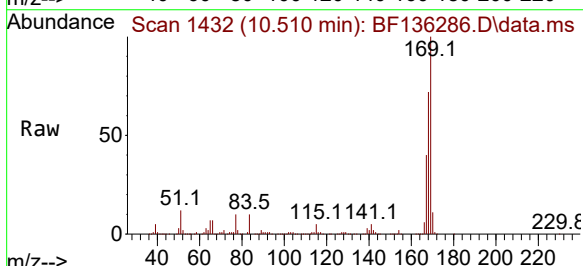
Manual Integrations
APPROVED

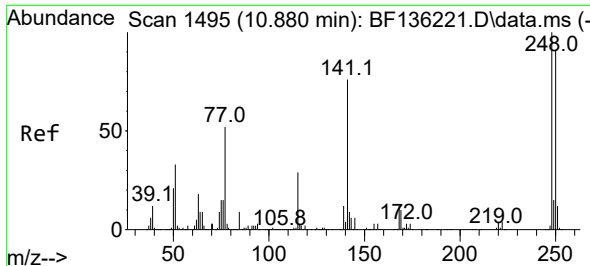
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 47.008 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

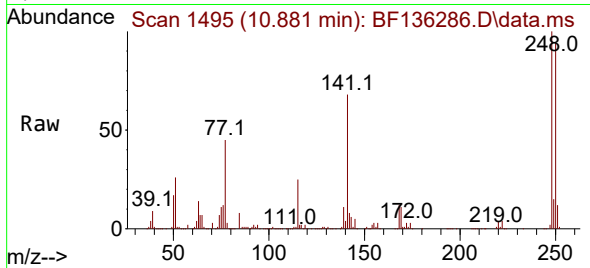
Tgt Ion:169 Resp: 797328
Ion Ratio Lower Upper
169 100
168 71.7 57.8 86.6
167 40.5 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 44.277 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

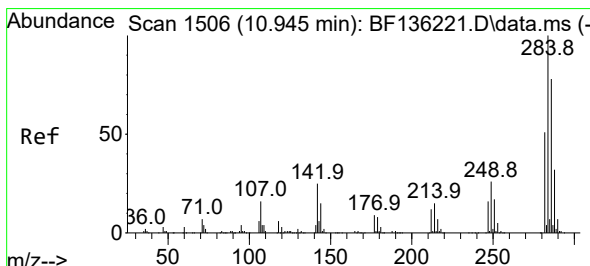
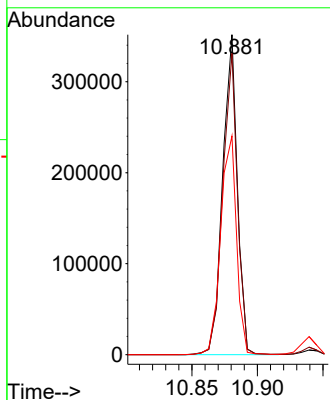
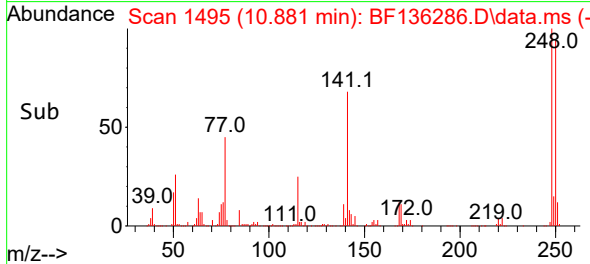
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



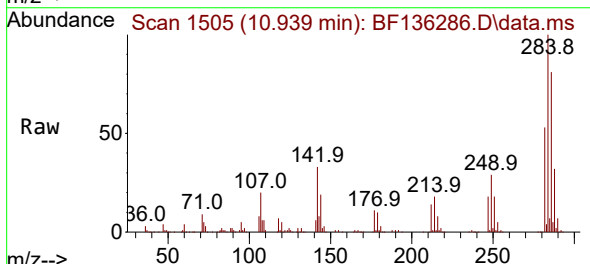
Tgt Ion:248 Resp: 27340
Ion Ratio Lower Upper
248 100
250 94.2 72.5 108.7
141 68.4 60.8 91.2

Manual Integrations
APPROVED

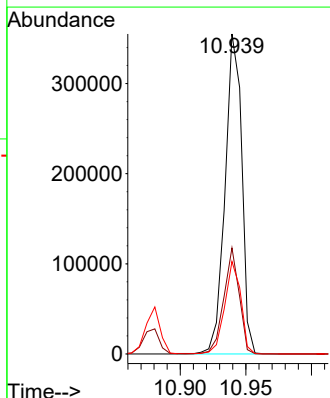
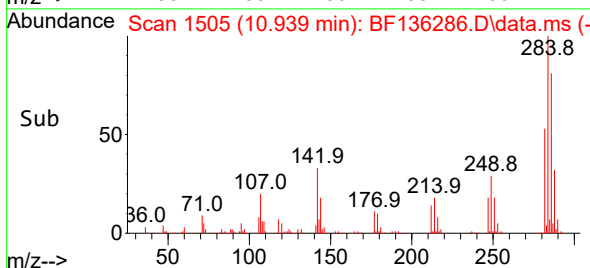
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

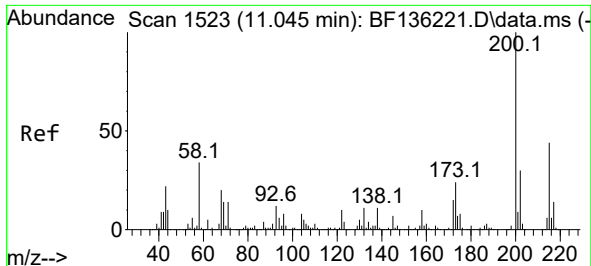


#68
Hexachlorobenzene
Concen: 43.929 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



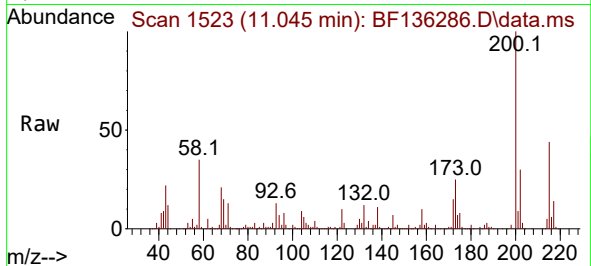
Tgt Ion:284 Resp: 313939
Ion Ratio Lower Upper
284 100
142 33.2 19.8 29.8#
249 28.9 21.0 31.4





#69
 Atrazine
 Concen: 52.757 ng
 RT: 11.045 min Scan# 1523
 Delta R.T. 0.000 min
 Lab File: BF136286.D
 Acq: 29 Nov 2023 16:32

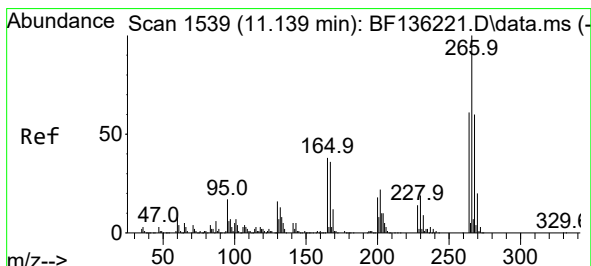
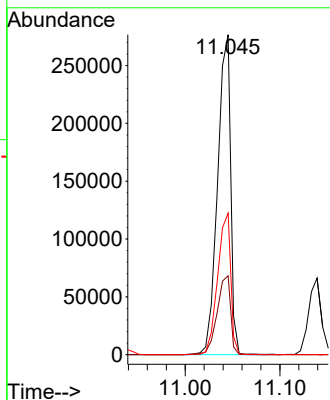
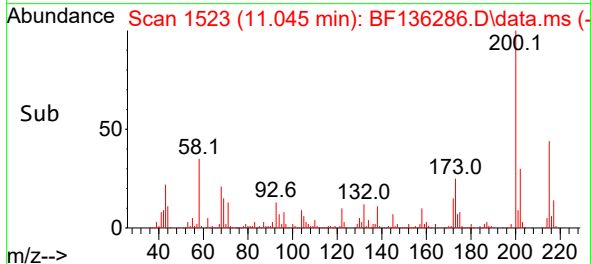
Instrument :
 BNA_F
 ClientSampleId :
 PB157073BSD



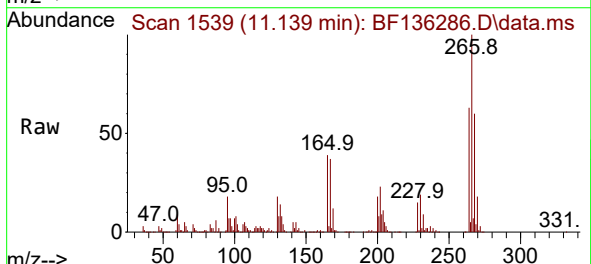
Tgt Ion:200 Resp: 265449
 Ion Ratio Lower Upper
 200 100
 173 24.7 4.3 44.3
 215 44.2 23.8 63.8

Manual Integrations
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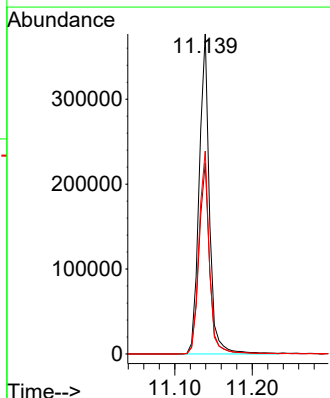
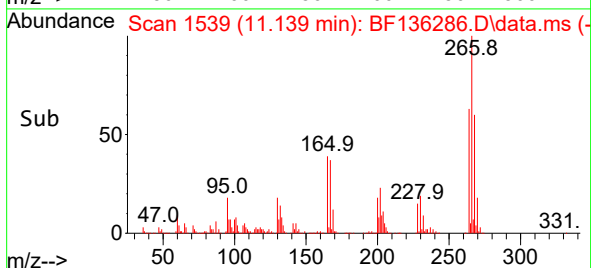
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

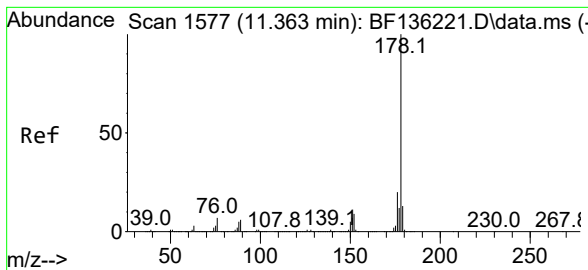


#70
 Pentachlorophenol
 Concen: 85.889 ng
 RT: 11.139 min Scan# 1539
 Delta R.T. 0.000 min
 Lab File: BF136286.D
 Acq: 29 Nov 2023 16:32



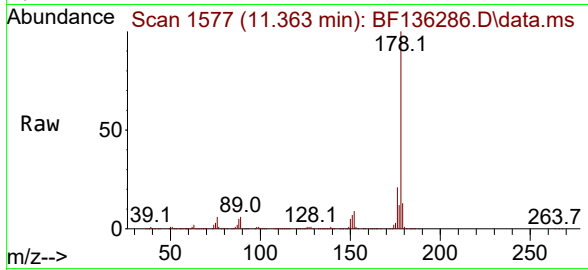
Tgt Ion:266 Resp: 346960
 Ion Ratio Lower Upper
 266 100
 268 59.7 47.9 71.9
 264 63.4 49.1 73.7





#71
Phenanthrene
Concen: 46.387 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

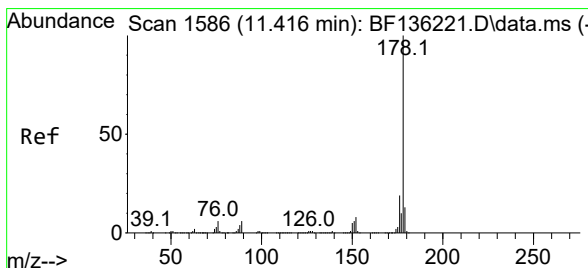
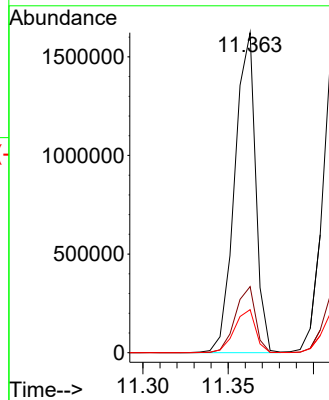
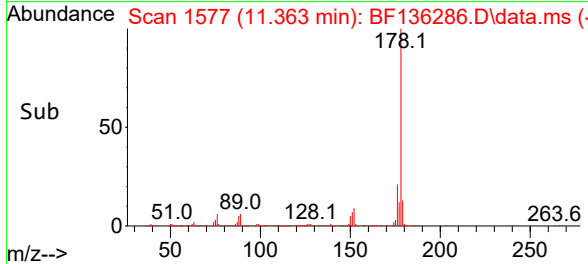
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



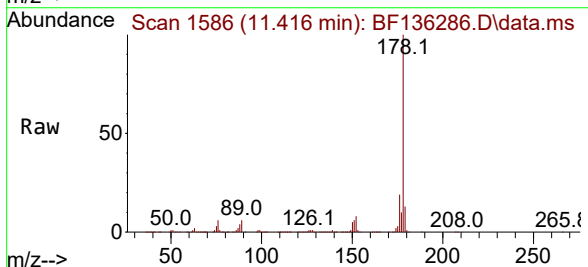
Tgt Ion:178 Resp: 137989
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.2
179 13.5 10.3 15.5

Manual Integrations
APPROVED

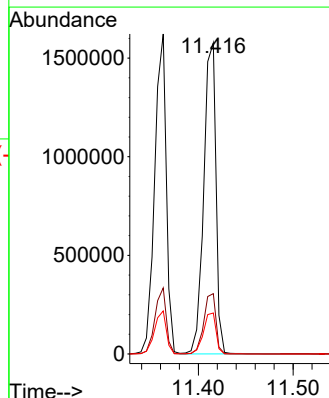
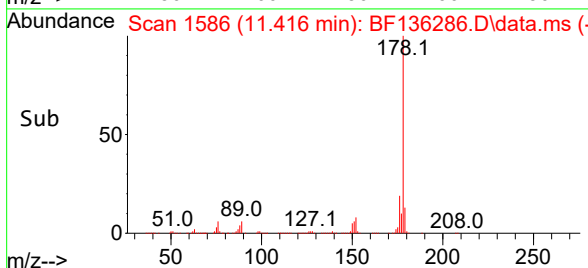
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

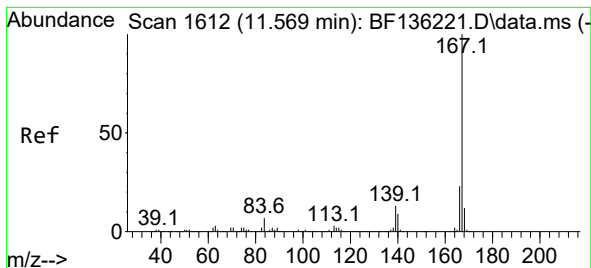


#72
Anthracene
Concen: 47.485 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



Tgt Ion:178 Resp: 1416568
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 13.2 10.5 15.7





#73

Carbazole

Concen: 44.578 ng

RT: 11.569 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

Tgt Ion:167 Resp: 1131039

Ion Ratio Lower Upper

167 100

166 22.7 18.4 27.6

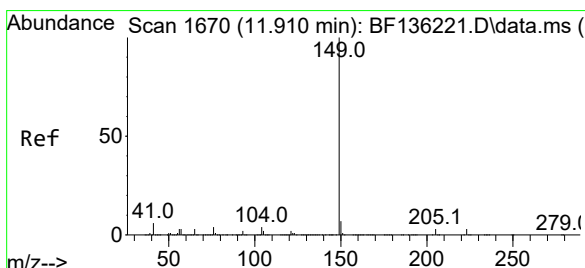
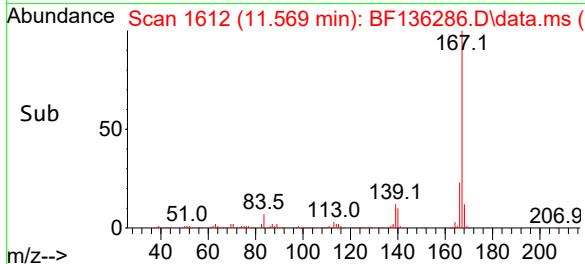
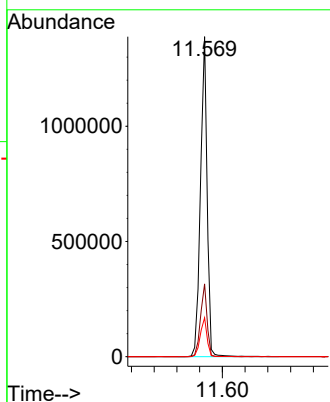
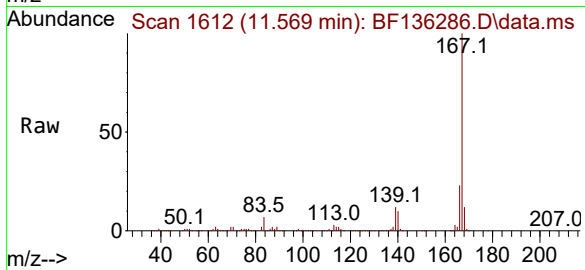
139 12.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#74

Di-n-butylphthalate

Concen: 47.147 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

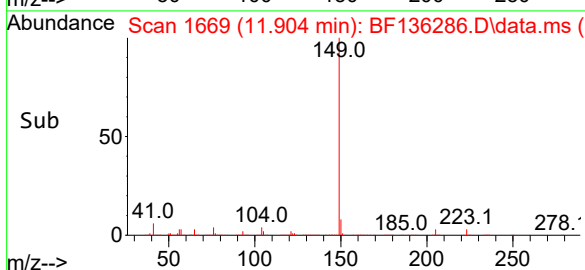
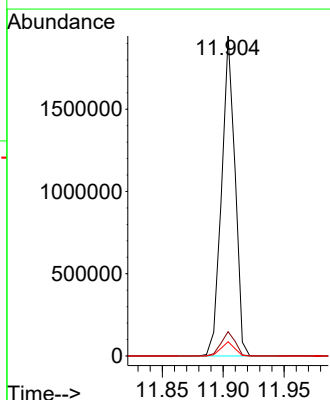
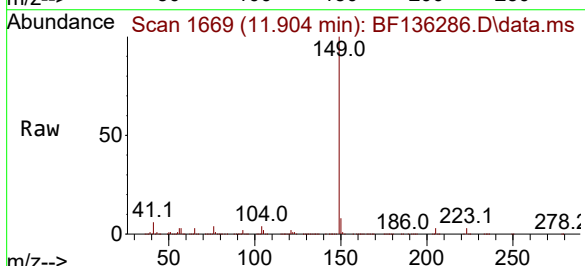
Tgt Ion:149 Resp: 1496731

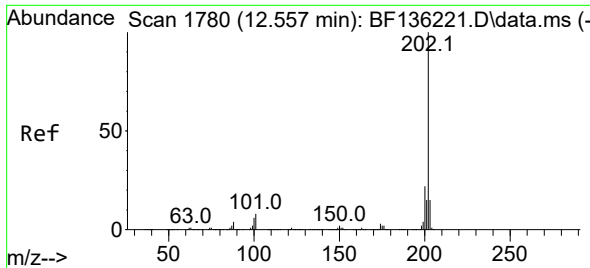
Ion Ratio Lower Upper

149 100

150 7.6 6.0 9.0

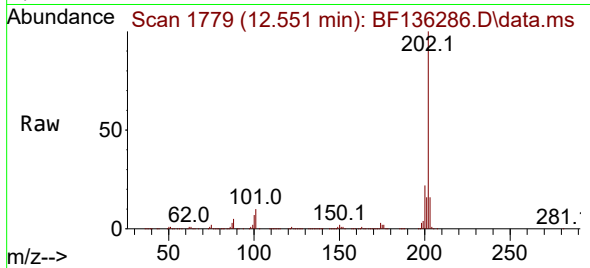
104 4.4 3.5 5.3





#75
Fluoranthene
Concen: 43.314 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

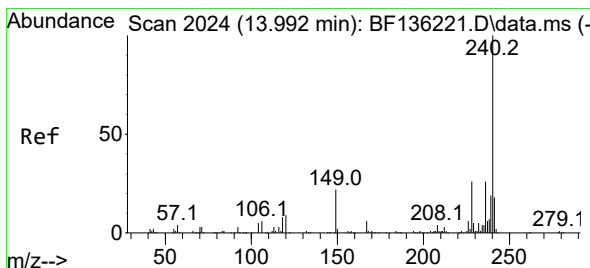
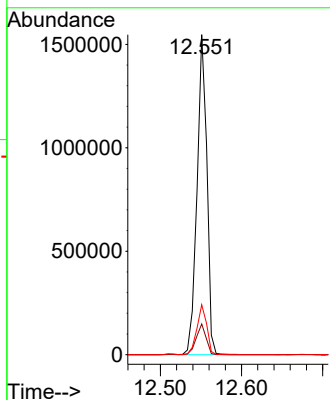
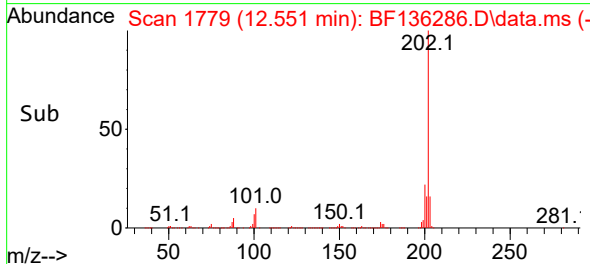
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



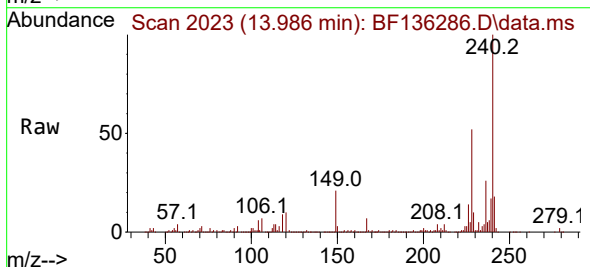
Tgt Ion:202 Resp: 1308049
Ion Ratio Lower Upper
202 100
101 9.6 0.0 27.8
203 15.6 0.0 34.5

Manual Integrations
APPROVED

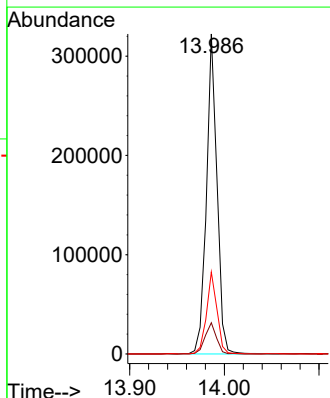
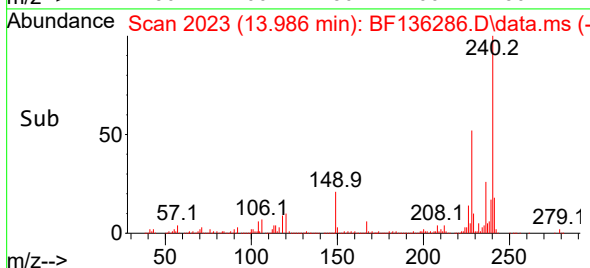
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

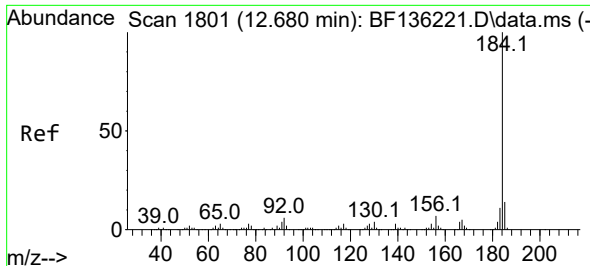


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



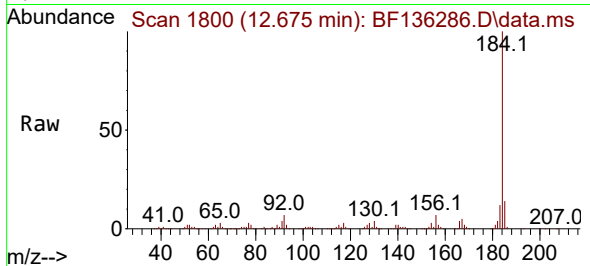
Tgt Ion:240 Resp: 249380
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.2
236 25.6 21.1 31.7





#77
Benzidine
Concen: 53.775 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.005 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

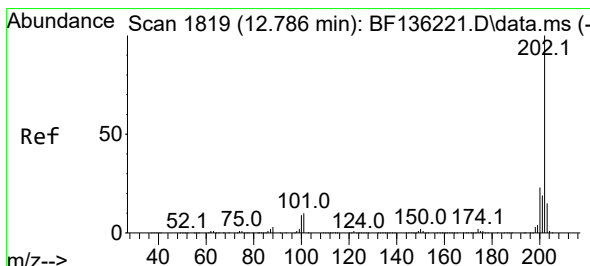
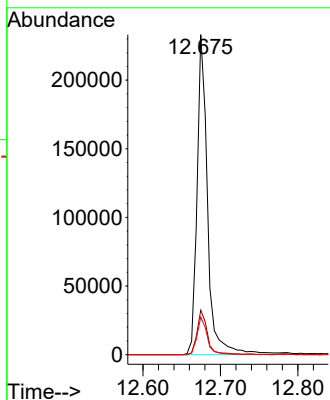
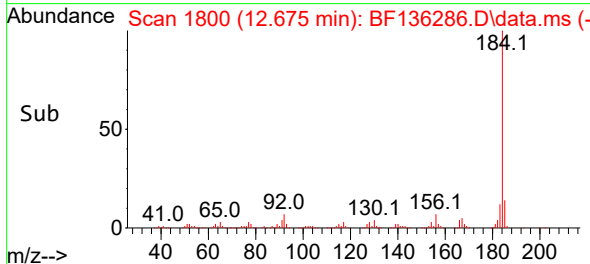
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



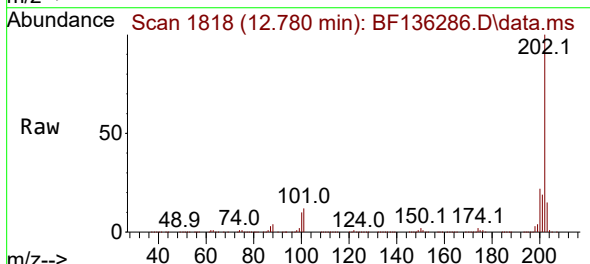
Tgt Ion:184 Resp: 220442
Ion Ratio Lower Upper
184 100
185 13.9 11.0 16.6
183 11.7 9.0 13.4

Manual Integrations
APPROVED

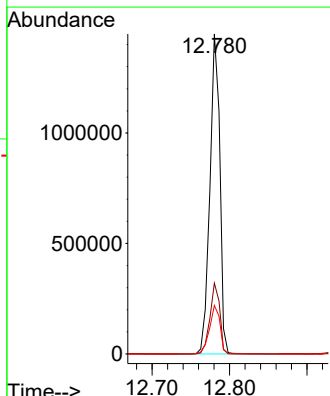
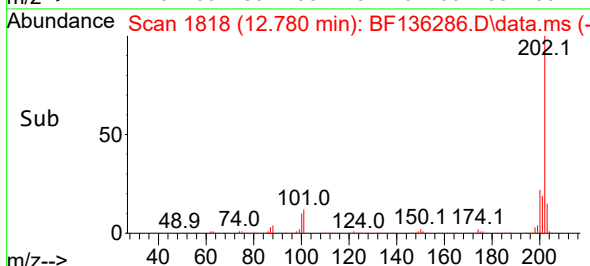
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

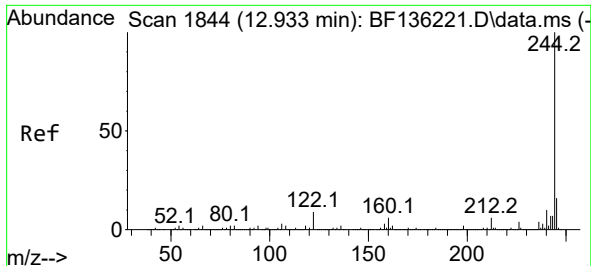


#78
Pyrene
Concen: 47.105 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



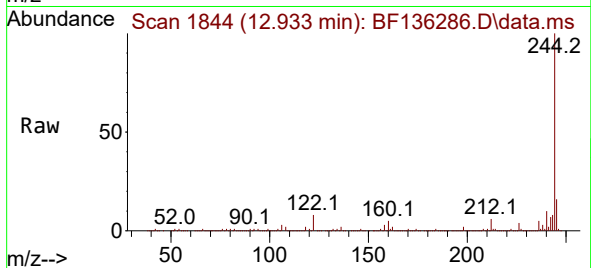
Tgt Ion:202 Resp: 1286511
Ion Ratio Lower Upper
202 100
200 22.1 18.4 27.6
203 15.2 11.8 17.6





#79
 Terphenyl-d14
 Concen: 93.113 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136286.D
 Acq: 29 Nov 2023 16:32

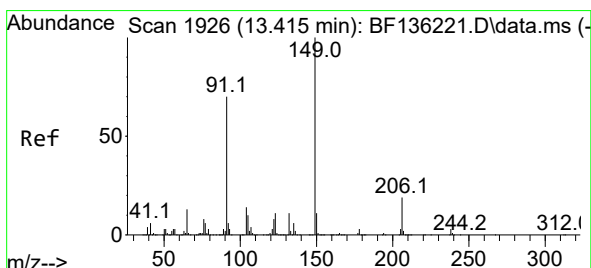
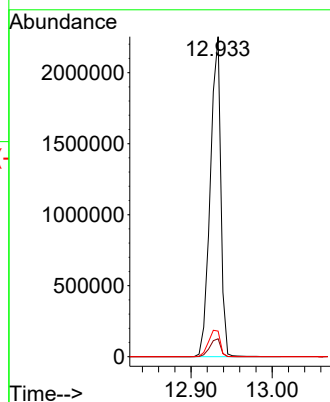
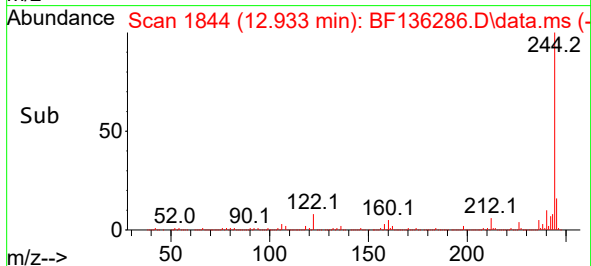
Instrument :
 BNA_F
 ClientSampleId :
 PB157073BSD



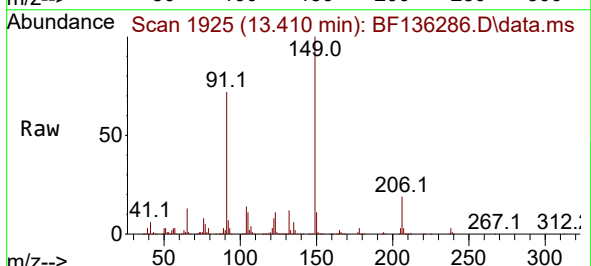
Tgt Ion:244 Resp: 201306
 Ion Ratio Lower Upper
 244 100
 212 5.6 4.6 7.0
 122 8.0 7.3 10.9

Manual Integrations
 APPROVED

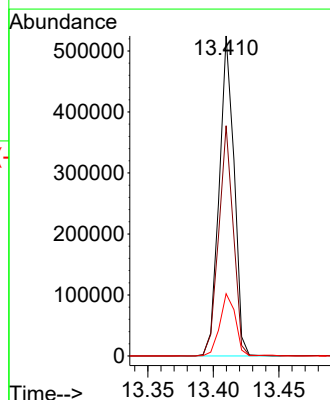
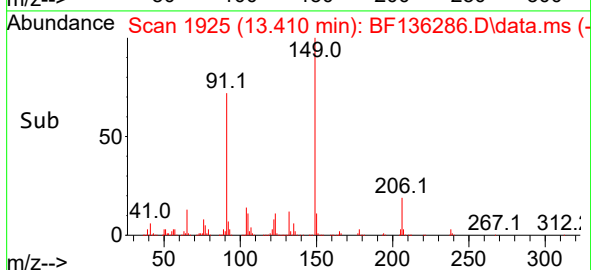
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

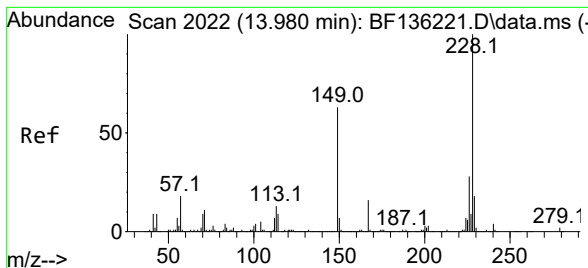


#80
 Butylbenzylphthalate
 Concen: 48.594 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136286.D
 Acq: 29 Nov 2023 16:32



Tgt Ion:149 Resp: 413045
 Ion Ratio Lower Upper
 149 100
 91 72.0 56.4 84.6
 206 19.4 14.8 22.2





#81

Benzo(a)anthracene

Concen: 45.005 ng

RT: 13.974 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

Tgt Ion:228 Resp: 83362

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

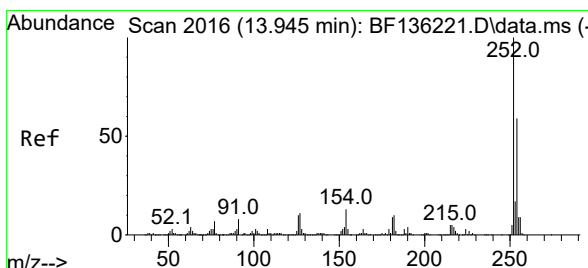
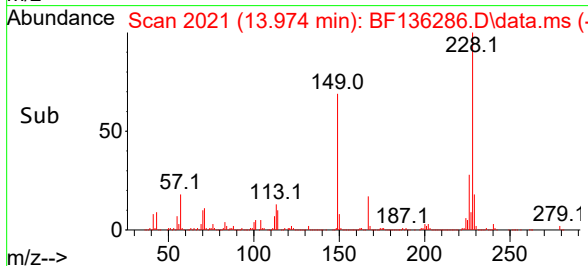
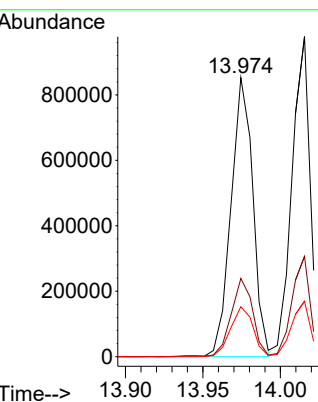
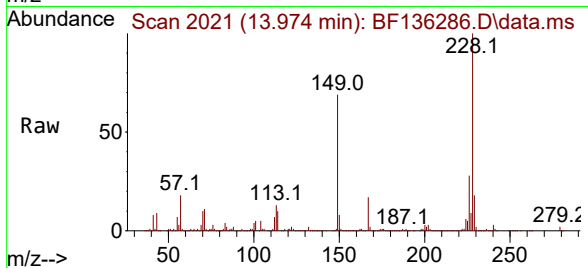
229 17.9 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.444 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

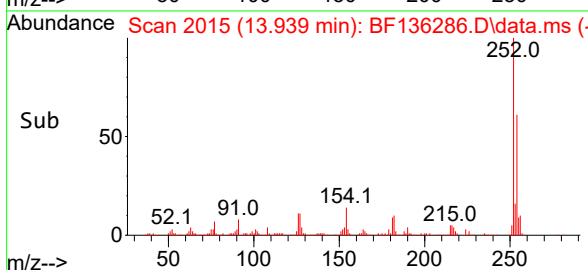
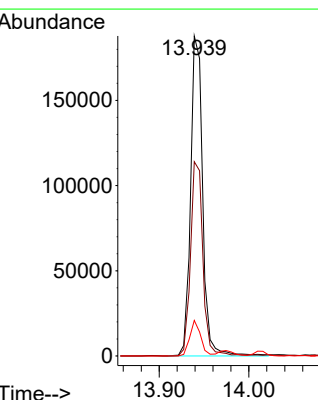
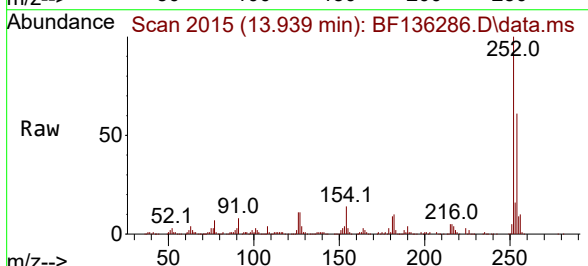
Tgt Ion:252 Resp: 175871

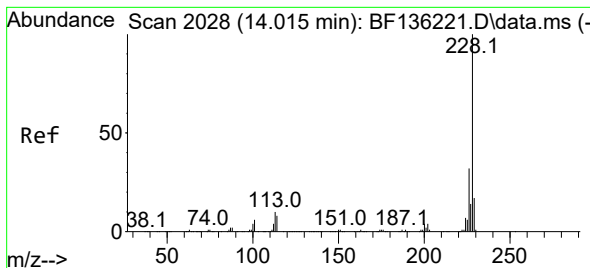
Ion Ratio Lower Upper

252 100

254 60.7 47.4 71.2

126 11.1 8.3 12.5





#83

Chrysene

Concen: 45.525 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136286.D

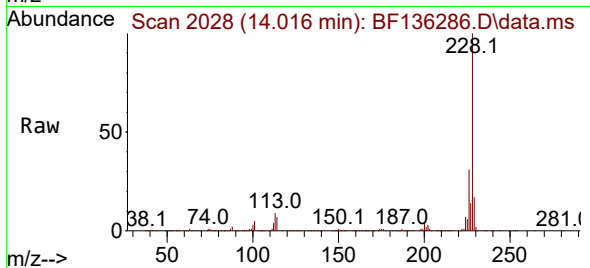
Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD



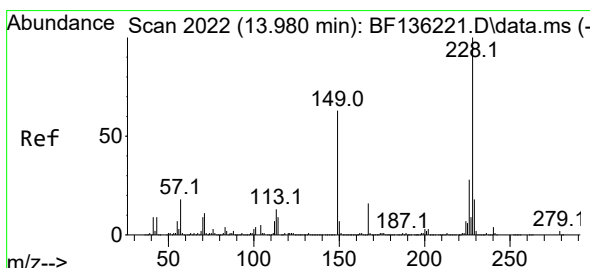
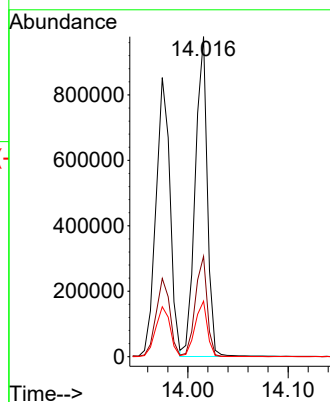
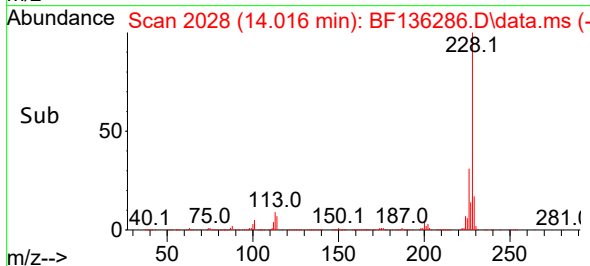
Tgt Ion:	228	Resp:	814199
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.5	38.3
229	17.3	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.816 ng

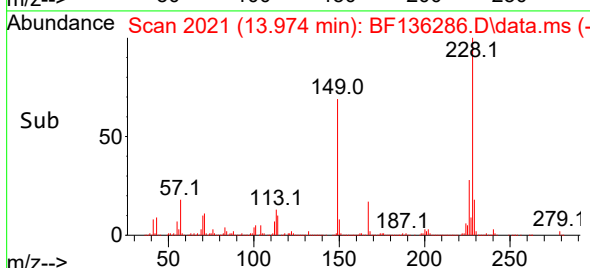
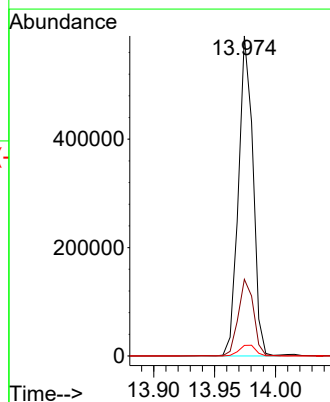
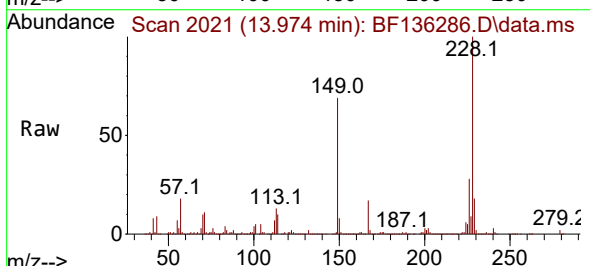
RT: 13.974 min Scan# 2021

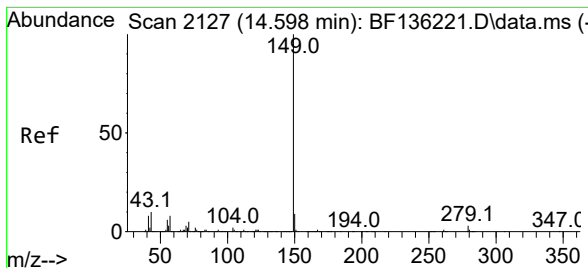
Delta R.T. -0.006 min

Lab File: BF136286.D

Acq: 29 Nov 2023 16:32

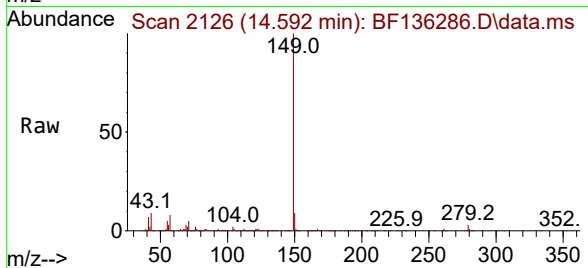
Tgt Ion:	149	Resp:	487778
Ion Ratio	Lower	Upper	
149	100		
167	23.9	20.2	30.2
279	3.3	2.4	3.6





#85
Di-n-octyl phthalate
Concen: 48.167 ng
RT: 14.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

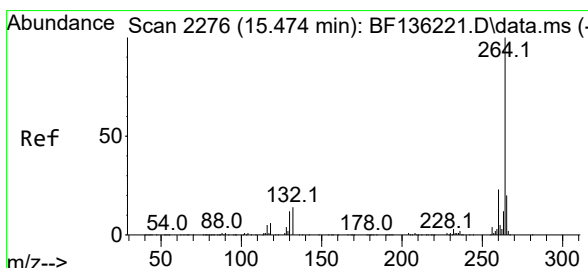
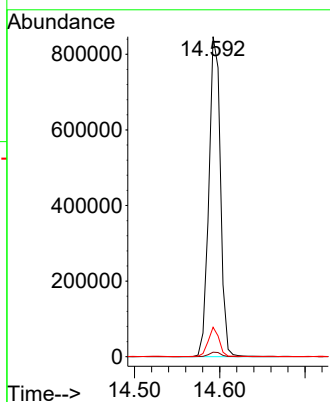
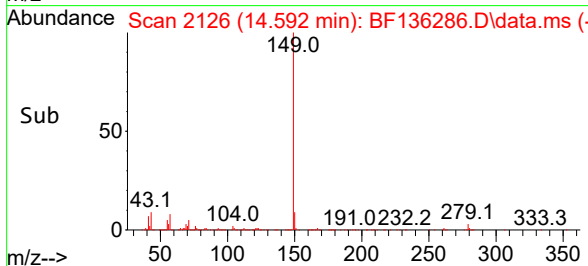
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



Tgt Ion:149 Resp: 79835
Ion Ratio Lower Upper
149 100
167 1.6 1.0 1.6
43 8.6 7.2 10.8

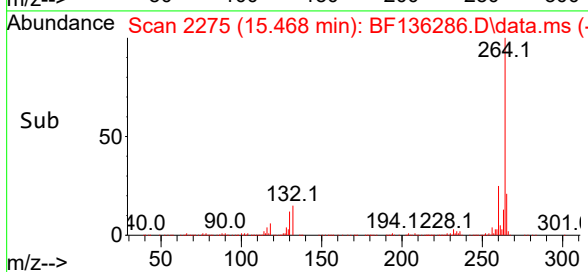
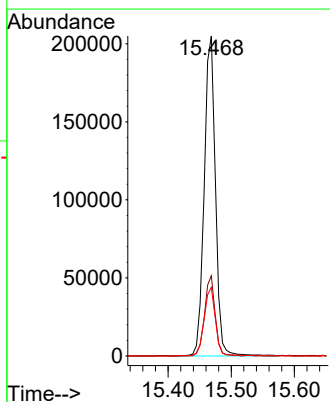
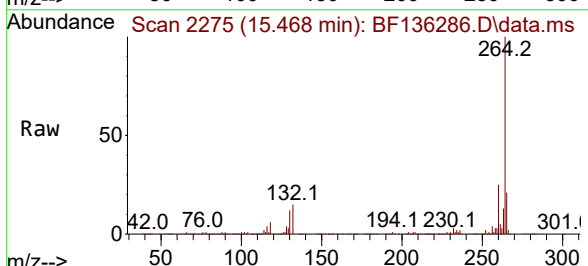
Manual Integrations
APPROVED

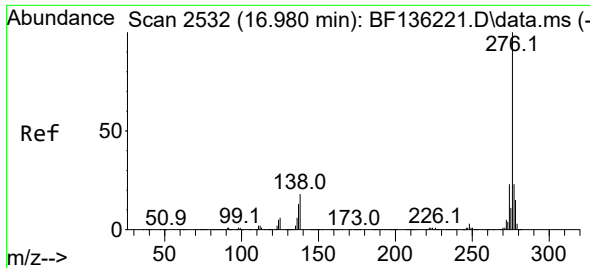
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Tgt Ion:264 Resp: 254633
Ion Ratio Lower Upper
264 100
260 25.0 18.6 27.8
265 21.4 15.7 23.5





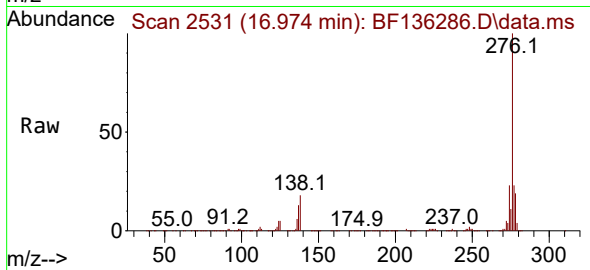
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.492 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

Instrument :

BNA_F

ClientSampleId :

PB157073BSD

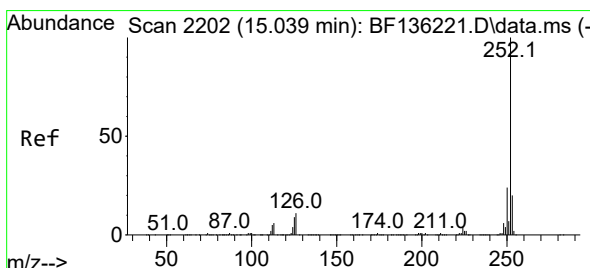
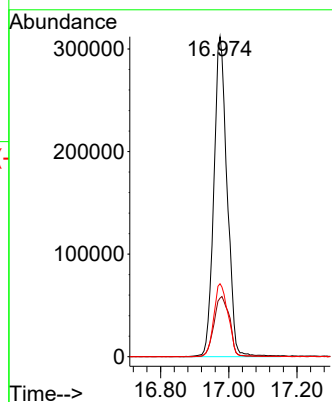
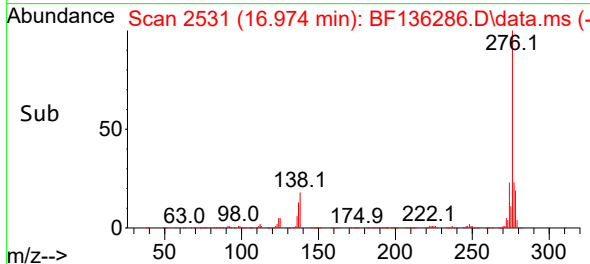


Tgt Ion:276 Resp: 84289
Ion Ratio Lower Upper
276 100
138 22.1 17.7 26.5
277 24.7 19.6 29.4

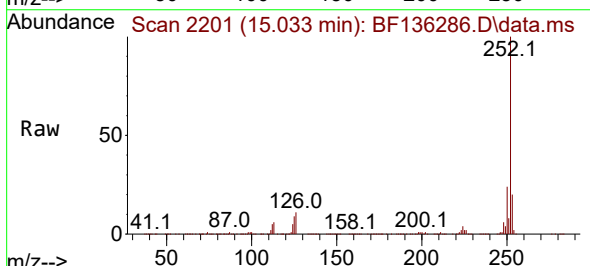
Manual Integrations

APPROVED

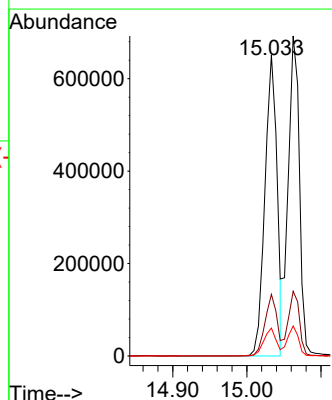
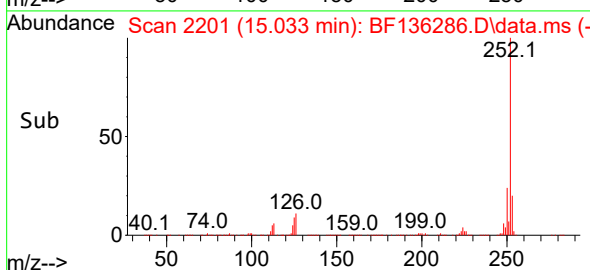
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

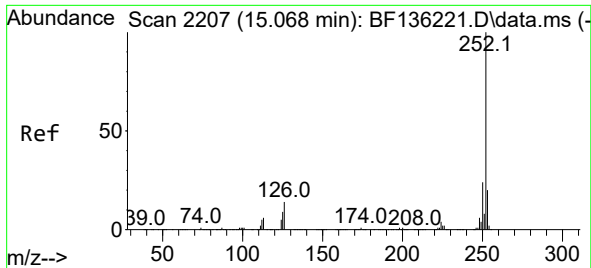


#88
Benzo(b)fluoranthene
Concen: 41.573 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



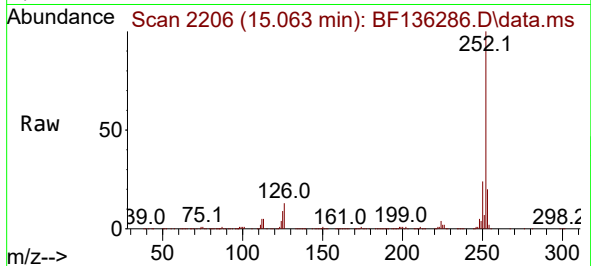
Tgt Ion:252 Resp: 742682
Ion Ratio Lower Upper
252 100
253 20.5 16.2 24.2
125 9.3 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 43.162 ng
RT: 15.063 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

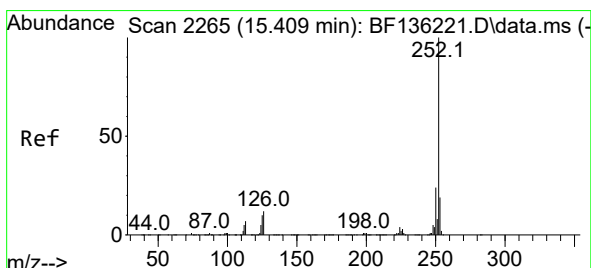
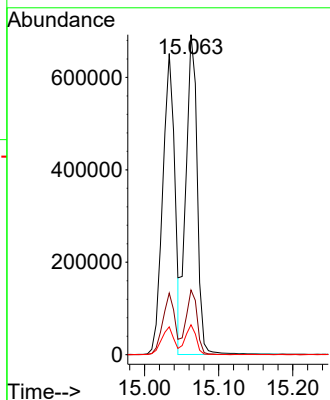
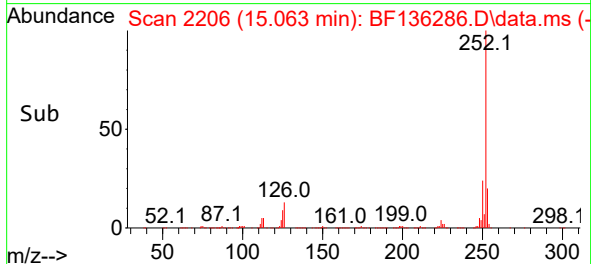
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



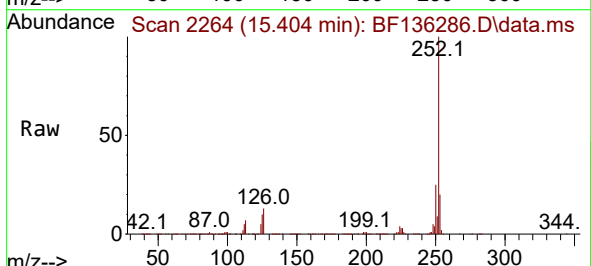
Tgt Ion:252 Resp: 73233
Ion Ratio Lower Upper
252 100
253 20.2 15.6 23.4
125 9.4 7.0 10.4

Manual Integrations
APPROVED

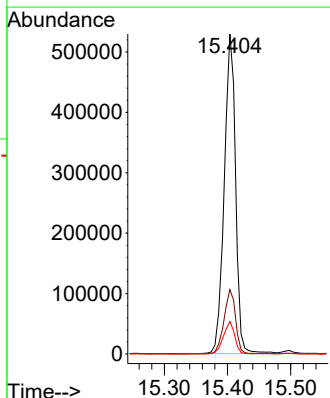
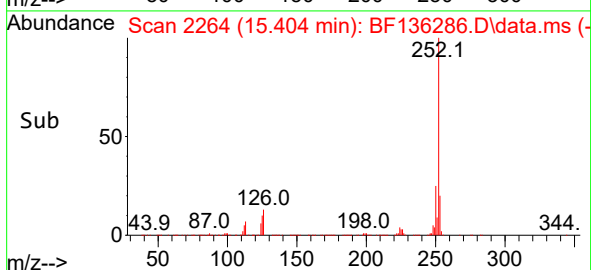
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

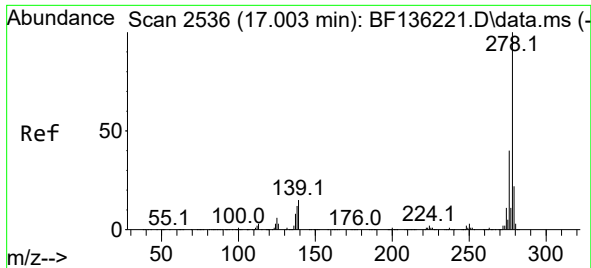


#90
Benzo(a)pyrene
Concen: 45.162 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.005 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



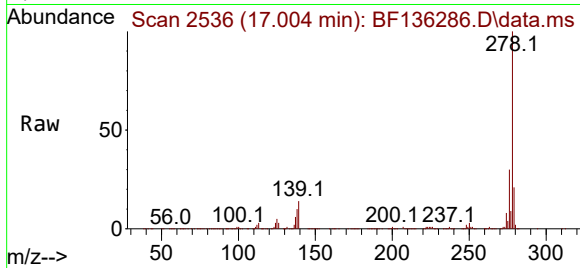
Tgt Ion:252 Resp: 659545
Ion Ratio Lower Upper
252 100
253 20.1 15.5 23.3
125 10.2 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 45.388 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.001 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32

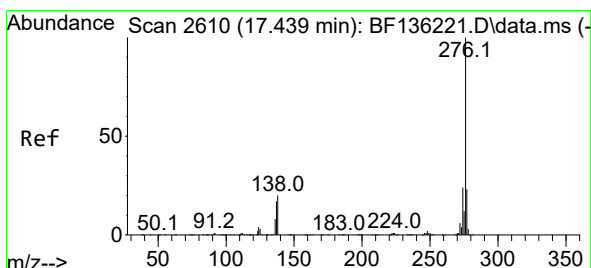
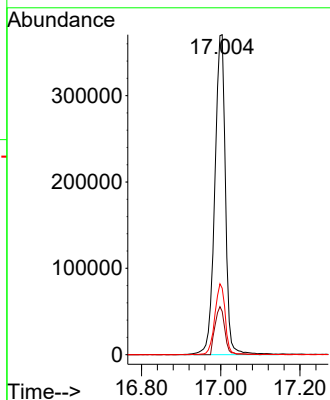
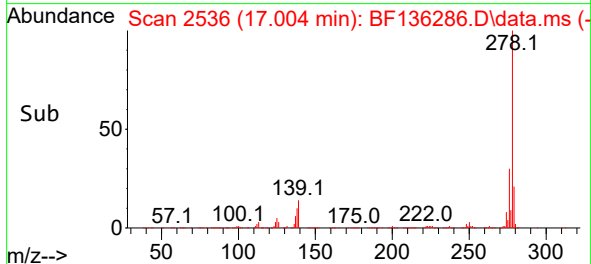
Instrument :
BNA_F
ClientSampleId :
PB157073BSD



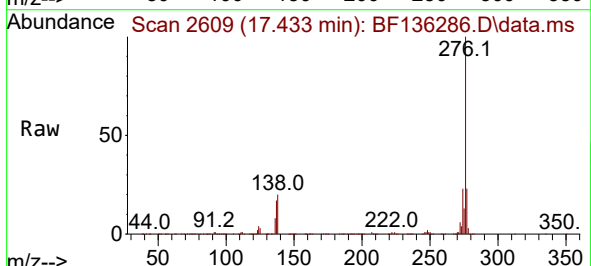
Tgt Ion:278 Resp: 69097
Ion Ratio Lower Upper
278 100
139 13.5 11.7 17.5
279 20.8 17.8 26.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#92
Benzo(g,h,i)perylene
Concen: 42.443 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136286.D
Acq: 29 Nov 2023 16:32



Tgt Ion:276 Resp: 647096
Ion Ratio Lower Upper
276 100
277 23.3 18.6 27.8
138 20.0 15.8 23.8

