

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136294.D
 Acq On : 29 Nov 2023 20:50
 Operator : CG\JU
 Sample : 05311-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Quant Time: Nov 29 23:49:49 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	125250	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	494723	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	217872	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	325723	20.000	ng	0.00
76) Chrysene-d12	13.986	240	232241	20.000	ng	0.00
86) Perylene-d12	15.468	264	256139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	751251	83.483	ng	0.00
7) Phenol-d6	6.446	99	913924	81.225	ng	0.00
23) Nitrobenzene-d5	7.369	82	567750	60.644	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	207235	77.801	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1031210	60.456	ng	0.00
79) Terphenyl-d14	12.927	244	862654	42.846	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	137761	40.459	ng	98
3) Pyridine	3.410	79	330026	39.265	ng	94
4) n-Nitrosodimethylamine	3.375	42	171663	40.404	ng	88
6) Aniline	6.469	93	259176	24.370	ng	99
8) 2-Chlorophenol	6.593	128	421061	42.973	ng	93
9) Benzaldehyde	6.357	77	61072	9.738	ng	96
10) Phenol	6.457	94	510809	42.316	ng	95
11) bis(2-Chloroethyl)ether	6.546	93	382986	43.248	ng	99
12) 1,3-Dichlorobenzene	6.746	146	462196	41.566	ng	98
13) 1,4-Dichlorobenzene	6.822	146	472488	41.799	ng	98
14) 1,2-Dichlorobenzene	6.975	146	444181	41.507	ng	98
15) Benzyl Alcohol	6.951	79	331885	42.070	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	522376	42.468	ng	99
17) 2-Methylphenol	7.063	107	329295	42.748	ng	98
18) Hexachloroethane	7.316	117	161237	40.665	ng	90
19) n-Nitroso-di-n-propyla...	7.222	70	285438	42.416	ng	96
20) 3+4-Methylphenols	7.210	107	407507	40.704	ng	96
22) Acetophenone	7.216	105	594167	45.730	ng	# 93
24) Nitrobenzene	7.387	77	408598	43.067	ng	98
25) Isophorone	7.622	82	760738	45.064	ng	99
26) 2-Nitrophenol	7.698	139	206462	51.075	ng	98
27) 2,4-Dimethylphenol	7.740	122	289106	54.337	ng	97
28) bis(2-Chloroethoxy)met...	7.840	93	469091	45.940	ng	97
29) 2,4-Dichlorophenol	7.940	162	327027	45.569	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	388488	44.215	ng	99
31) Naphthalene	8.104	128	1230160	44.239	ng	98
32) Benzoic acid	7.857	122	210568m	43.425	ng	
33) 4-Chloroaniline	8.151	127	72880	7.710	ng	97
34) Hexachlorobutadiene	8.222	225	221586	43.107	ng	99
35) Caprolactam	8.528	113	86538m	43.135	ng	
36) 4-Chloro-3-methylphenol	8.640	107	321326	41.283	ng	96
37) 2-Methylnaphthalene	8.798	142	737064	42.255	ng	99
38) 1-Methylnaphthalene	8.898	142	705227	41.444	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	359692	51.875	ng	97
41) Hexachlorocyclopentadiene	8.951	237	293896	110.155	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	215792	47.948	ng	92

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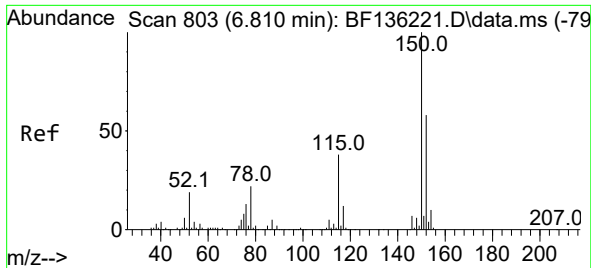
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	222870	45.378	ng	98
46) 1,1'-Biphenyl	9.263	154	947800	49.331	ng	98
47) 2-Chloronaphthalene	9.287	162	701615	47.023	ng	99
48) 2-Nitroaniline	9.387	65	179590	46.102	ng	# 82
49) Acenaphthylene	9.704	152	1069011	50.206	ng	100
50) Dimethylphthalate	9.569	163	787801	47.841	ng	99
51) 2,6-Dinitrotoluene	9.628	165	154473	45.918	ng	97
52) Acenaphthene	9.875	154	613301	45.579	ng	100
53) 3-Nitroaniline	9.792	138	77514	23.222	ng	99
54) 2,4-Dinitrophenol	9.904	184	124711	79.708	ng	# 88
55) Dibenzofuran	10.045	168	903587	45.128	ng	99
56) 4-Nitrophenol	9.957	139	207903	82.006	ng	94
57) 2,4-Dinitrotoluene	10.034	165	190266	42.341	ng	99
58) Fluorene	10.392	166	669598	42.634	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	164099	41.993	ng	99
60) Diethylphthalate	10.269	149	721869	43.823	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	328217	43.032	ng	99
62) 4-Nitroaniline	10.410	138	118645	36.312	ng	95
63) Azobenzene	10.545	77	631238	41.335	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	80510	45.200	ng	86
66) n-Nitrosodiphenylamine	10.504	169	568653	54.478	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	193041	50.799	ng	97
68) Hexachlorobenzene	10.939	284	213587	48.564	ng	97
69) Atrazine	11.039	200	174756	56.437	ng	98
70) Pentachlorophenol	11.133	266	213576	85.910	ng	96
71) Phenanthrene	11.357	178	889995	48.615	ng	99
72) Anthracene	11.410	178	872973	47.551	ng	99
73) Carbazole	11.563	167	697035	44.641	ng	100
74) Di-n-butylphthalate	11.904	149	959967	49.136	ng	99
75) Fluoranthene	12.551	202	857421	46.136	ng	98
77) Benzidine	12.675	184	137890	36.119	ng	99
78) Pyrene	12.780	202	862007	33.891	ng	98
80) Butylbenzylphthalate	13.410	149	355135	44.864	ng	98
81) Benzo(a)anthracene	13.974	228	811542	47.046	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	165361	39.823	ng	96
83) Chrysene	14.016	228	801267	48.108	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	506327	53.298	ng	99
85) Di-n-octyl phthalate	14.592	149	989216	62.381	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	574153	30.994	ng	98
88) Benzo(b)fluoranthene	15.033	252	808342	44.982	ng	99
89) Benzo(k)fluoranthene	15.063	252	791335	46.365	ng	99
90) Benzo(a)pyrene	15.404	252	662649	45.108	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	470300	31.589	ng	98
92) Benzo(g,h,i)perylene	17.427	276	419623	28.037	ng	98

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



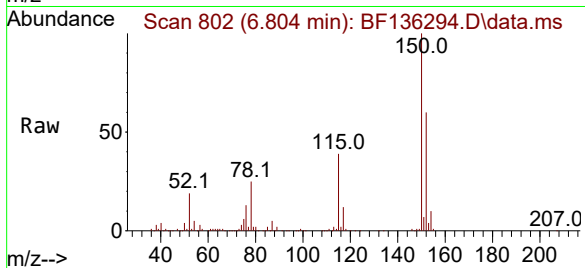
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136294.D
 Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

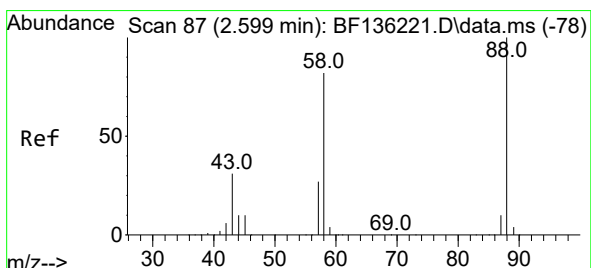
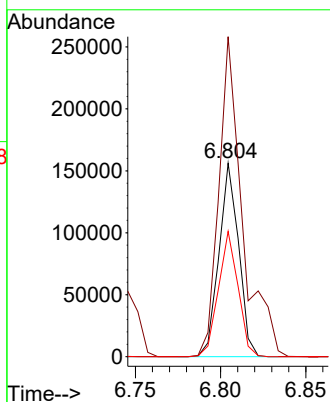
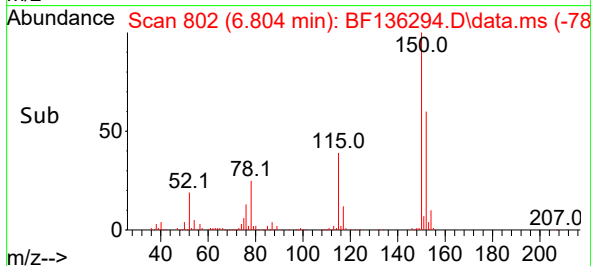


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 Ion Ratio Lower Upper
 152 100
 150 165.5 137.8 206.8
 115 64.8 52.7 79.1

Manual Integrations

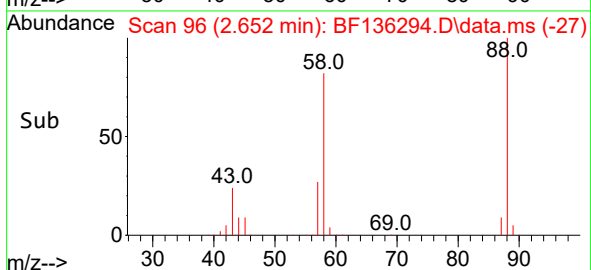
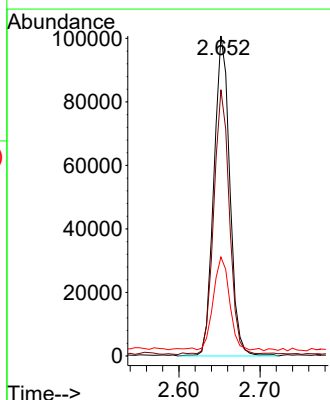
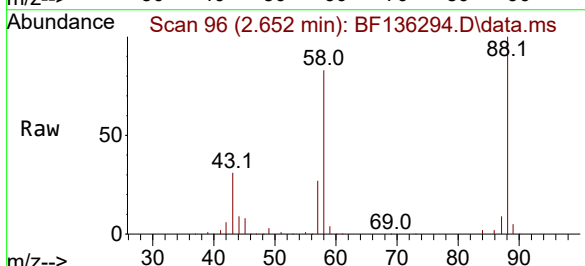
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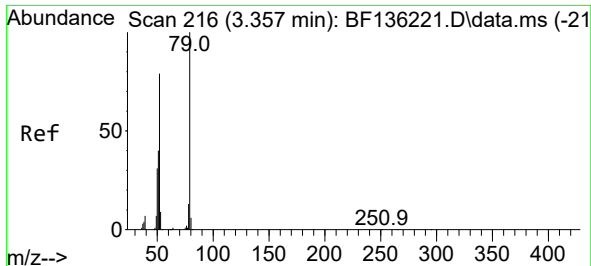
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023



#2
 1,4-Dioxane
 Concen: 40.459 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.053 min
 Lab File: BF136294.D
 Acq: 29 Nov 2023 20:50

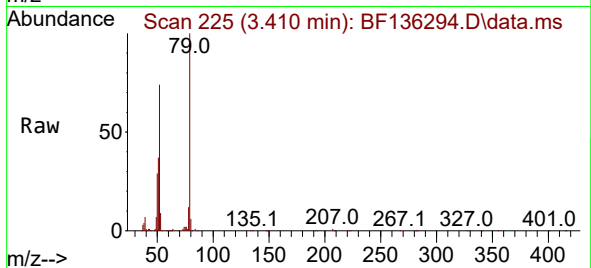
Tgt Ion: 88 Resp: 137761
 Ion Ratio Lower Upper
 88 100
 58 81.1 65.9 98.9
 43 28.8 24.8 37.2





#3
Pyridine
Concen: 39.265 ng
RT: 3.410 min Scan# 216
Delta R.T. 0.053 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

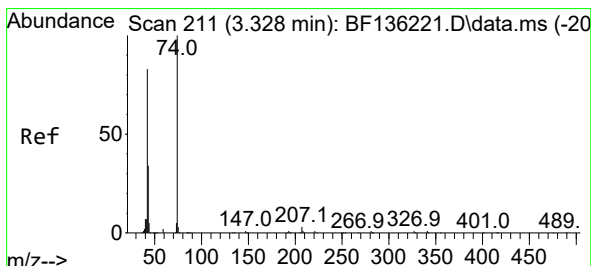
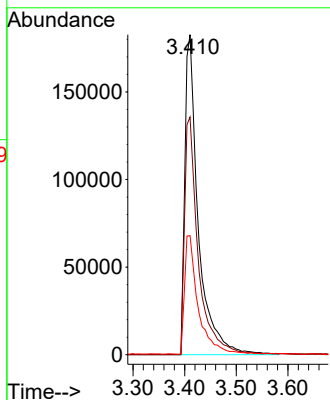
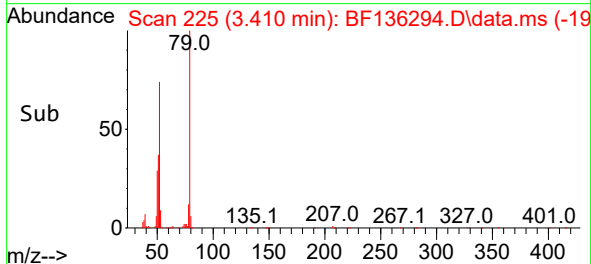
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ClientSampleId :
TP-2MSD



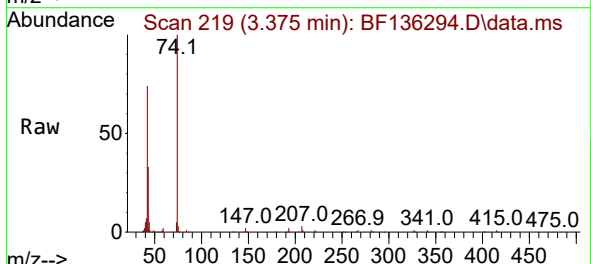
Tgt Ion: 79 Resp: 330020
Ion Ratio Lower Upper
79 100
52 74.2 63.2 94.8
51 37.2 32.6 49.0

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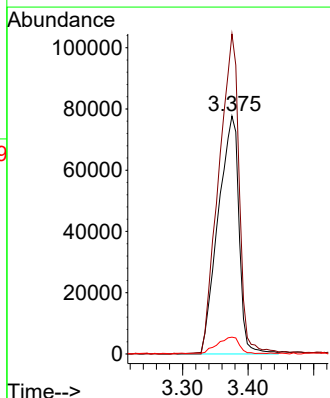
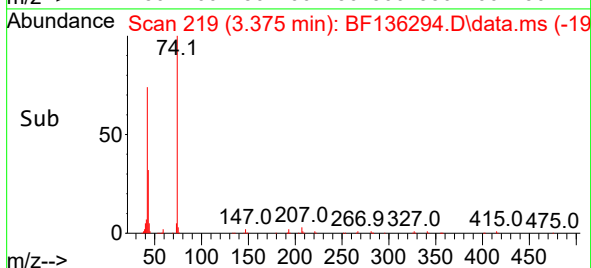
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

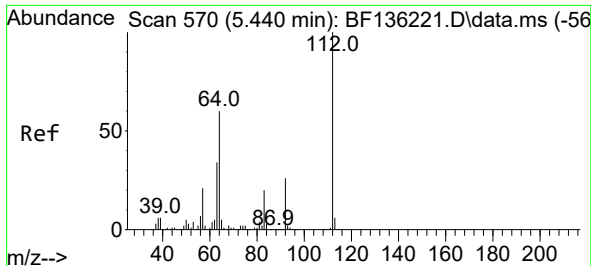


#4
n-Nitrosodimethylamine
Concen: 40.404 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.047 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50



Tgt Ion: 42 Resp: 171663
Ion Ratio Lower Upper
42 100
74 134.5 96.6 144.8
44 7.1 5.4 8.2





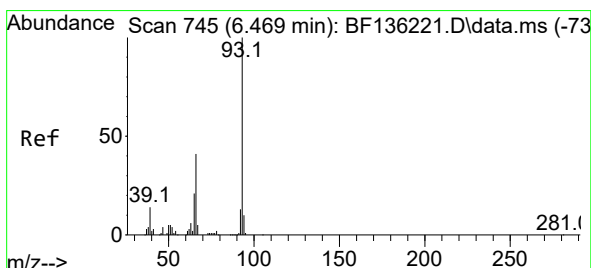
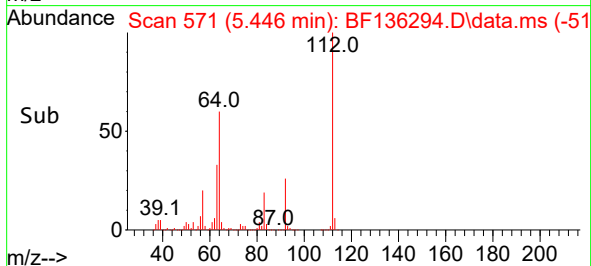
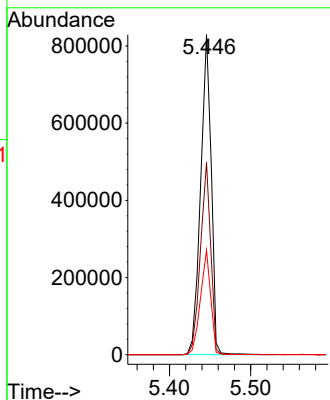
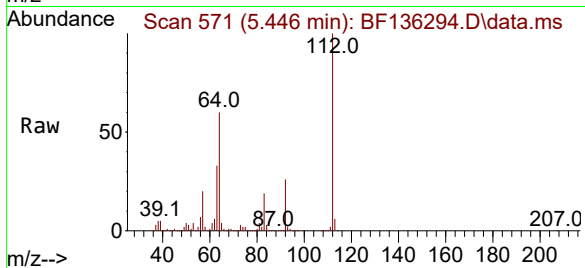
#5
2-Fluorophenol
Concen: 83.483 ng
RT: 5.446 min Scan# 512
Delta R.T. 0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:112 Resp: 75125
Ion Ratio Lower Upper
112 100
64 60.1 48.2 72.4
63 32.6 27.0 40.6

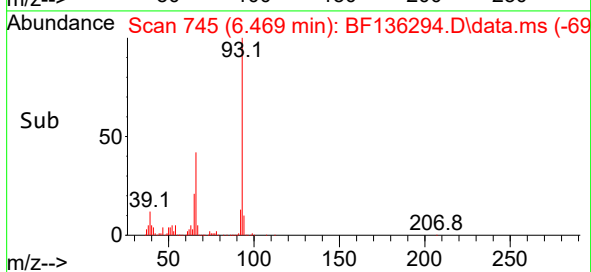
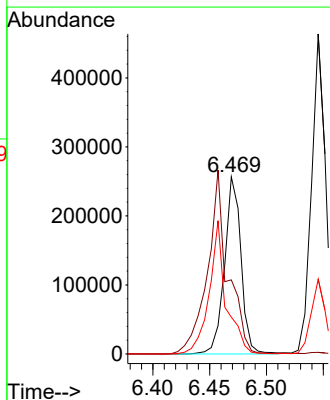
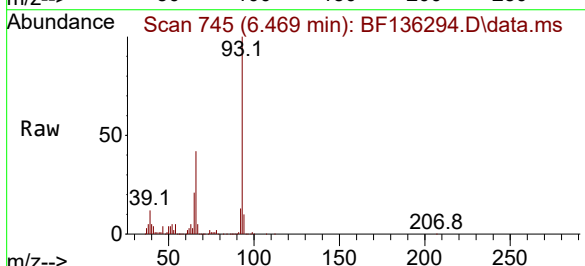
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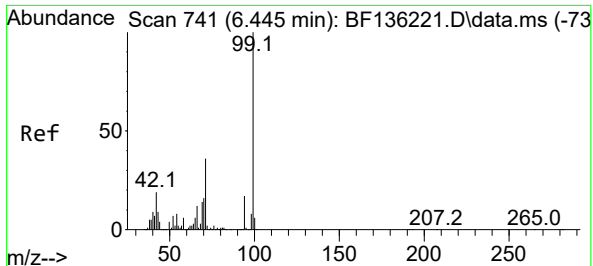
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#6
Aniline
Concen: 24.370 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

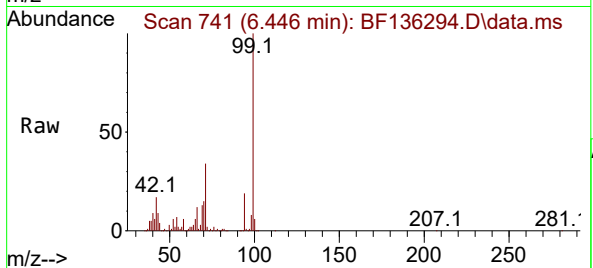
Tgt Ion: 93 Resp: 259176
Ion Ratio Lower Upper
93 100
66 41.8 34.1 51.1
65 20.8 17.3 25.9





#7
Phenol-d6
Concen: 81.225 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

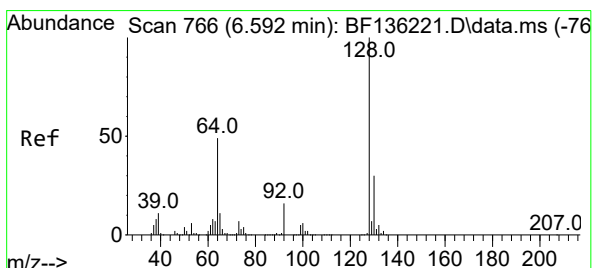
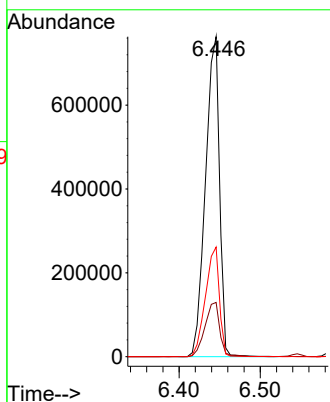
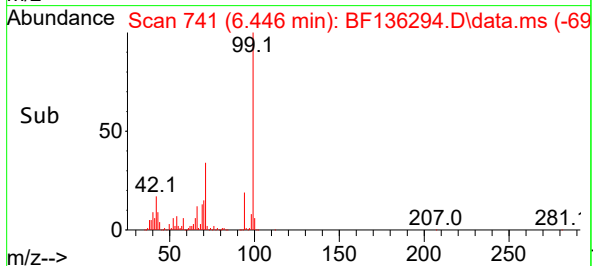
Instrument :
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Tgt Ion: 99 Resp: 913924
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.6
71 34.3 28.9 43.3

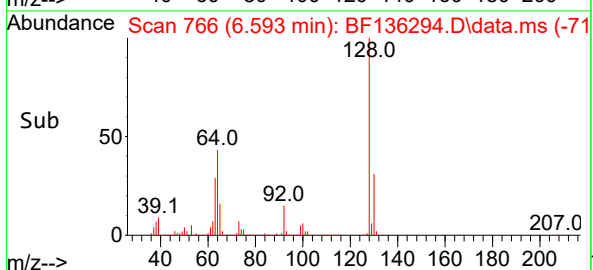
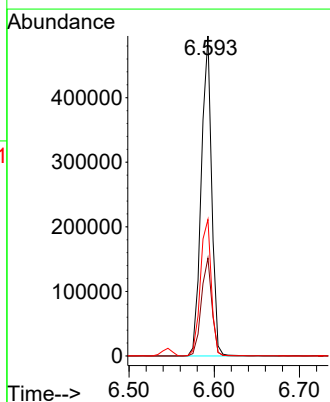
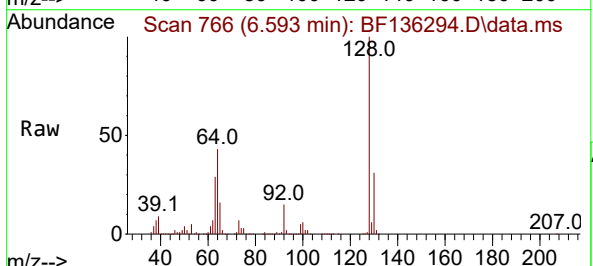
Manual Integrations
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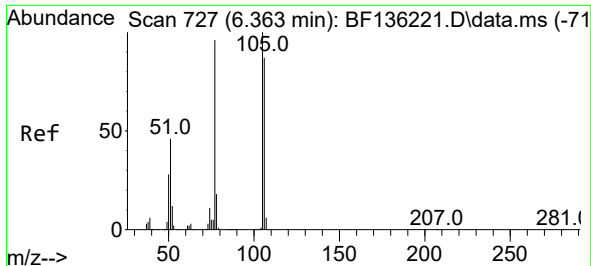
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#8
2-Chlorophenol
Concen: 42.973 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

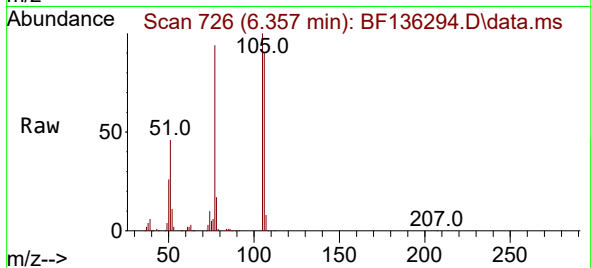
Tgt Ion:128 Resp: 421061
Ion Ratio Lower Upper
128 100
130 30.6 10.3 50.3
64 42.7 30.0 70.0





#9
Benzaldehyde
Concen: 9.738 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

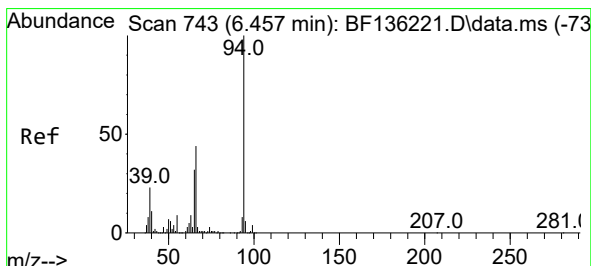
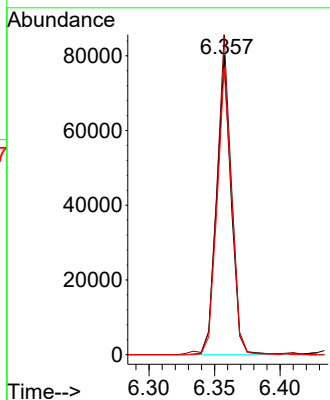
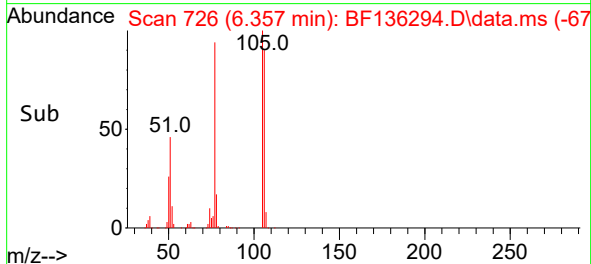
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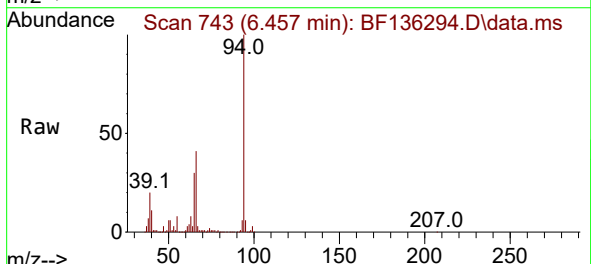
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Ion Ratio Lower Upper
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105 106.8 84.3 124.3
106 95.8 71.0 111.0

Manual Integrations
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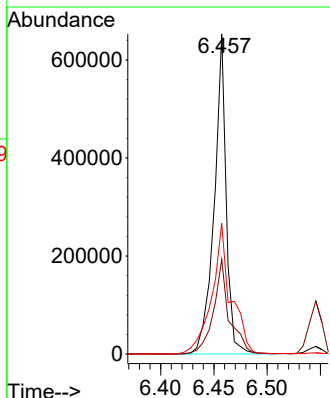
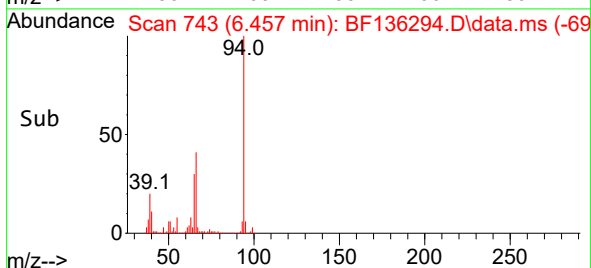
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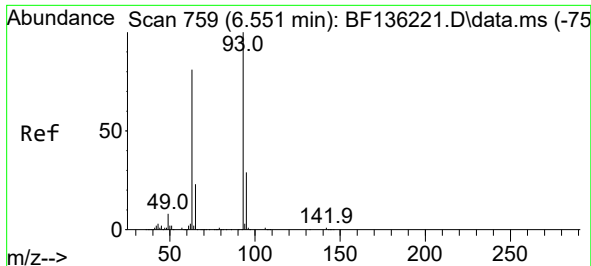


#10
Phenol
Concen: 42.316 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50



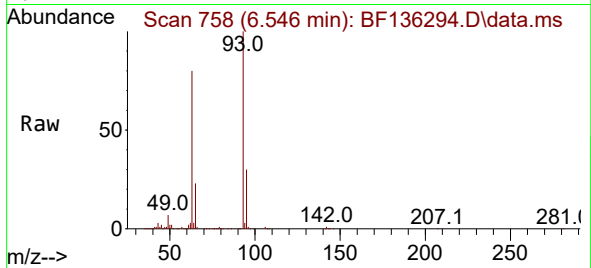
Tgt Ion: 94 Resp: 510809
Ion Ratio Lower Upper
94 100
65 29.6 12.5 52.5
66 40.8 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 43.248 ng
RT: 6.546 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

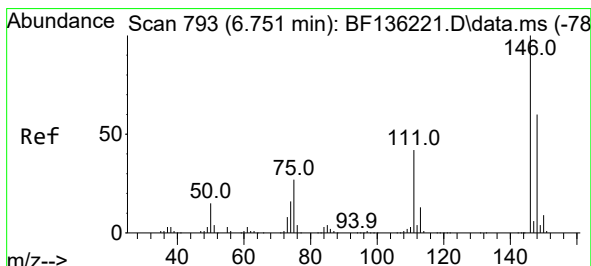
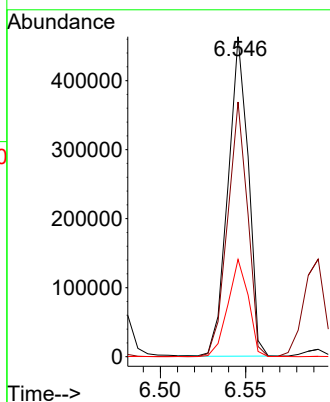
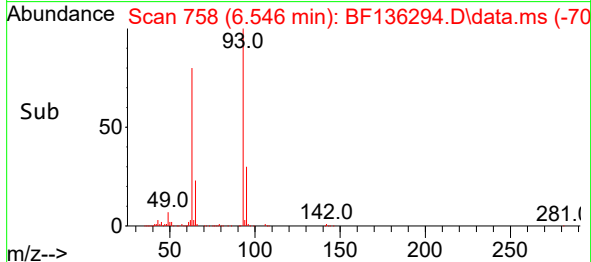
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion: 93 Resp: 382980
Ion Ratio Lower Upper
93 100
63 79.6 60.2 100.2
95 30.4 9.1 49.1

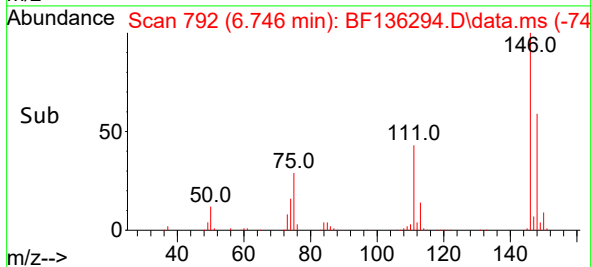
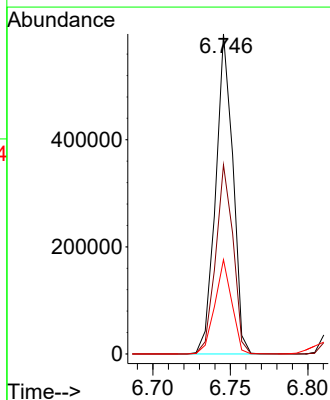
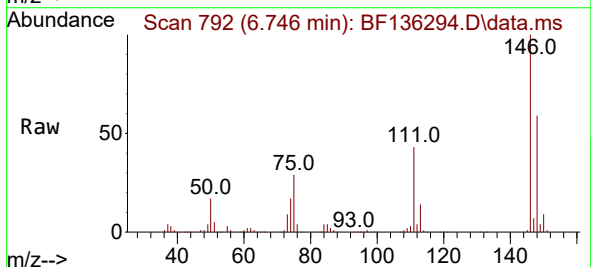
Manual Integrations
APPROVED

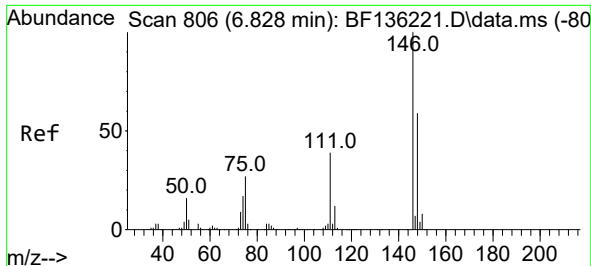
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#12
1,3-Dichlorobenzene
Concen: 41.566 ng
RT: 6.746 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Tgt Ion:146 Resp: 462196
Ion Ratio Lower Upper
146 100
148 59.1 47.8 71.6
75 29.5 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 41.799 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion:146 Resp: 47248

Ion Ratio Lower Upper

146 100

148 58.5 47.0 70.6

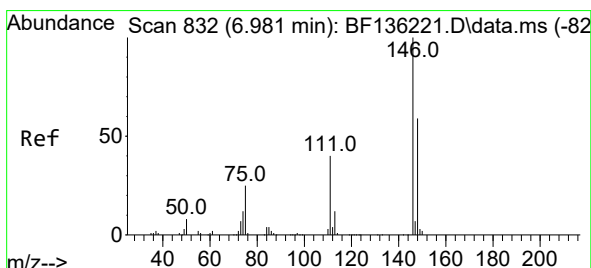
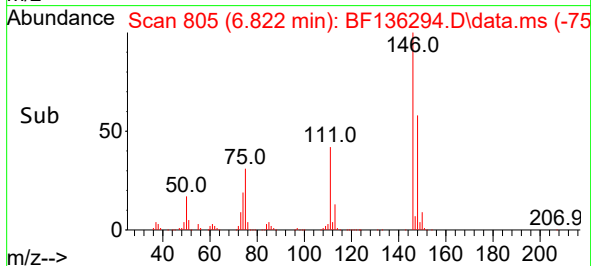
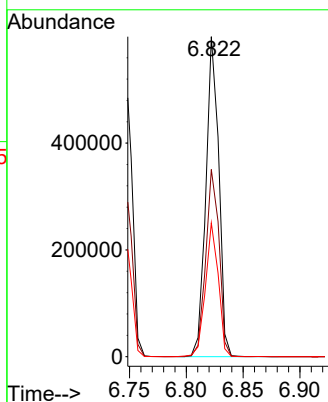
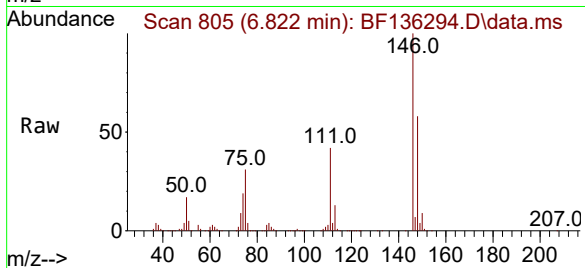
111 41.8 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#14

1,2-Dichlorobenzene

Concen: 41.507 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

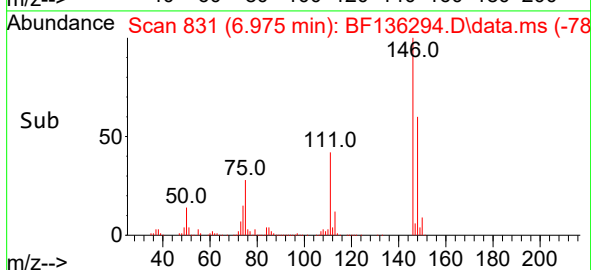
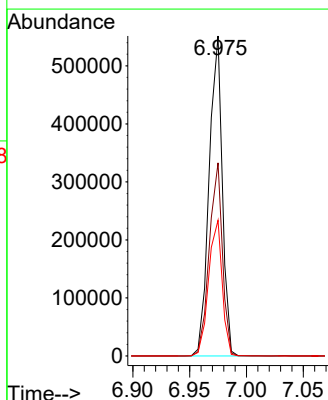
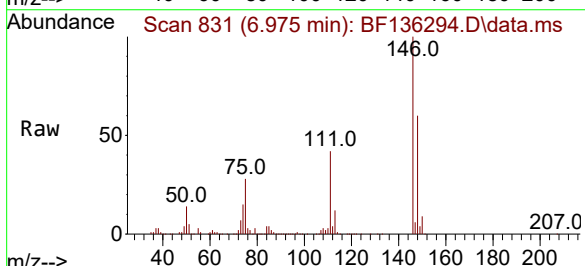
Tgt Ion:146 Resp: 444181

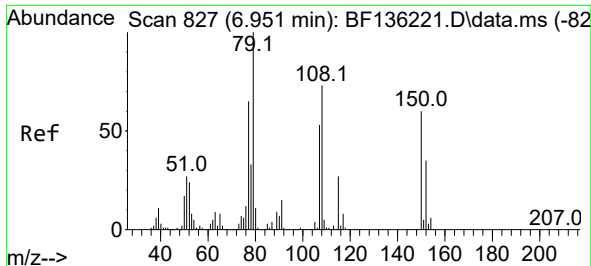
Ion Ratio Lower Upper

146 100

148 60.3 47.3 70.9

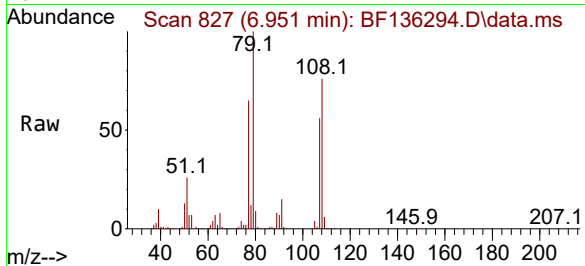
111 42.4 32.4 48.6





#15
Benzyl Alcohol
Concen: 42.070 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

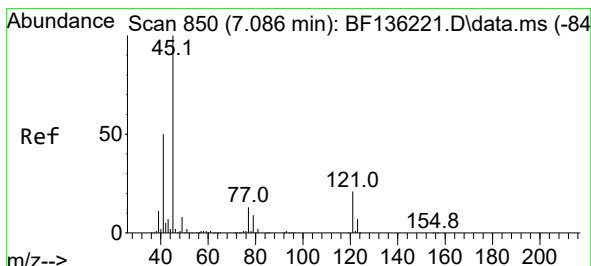
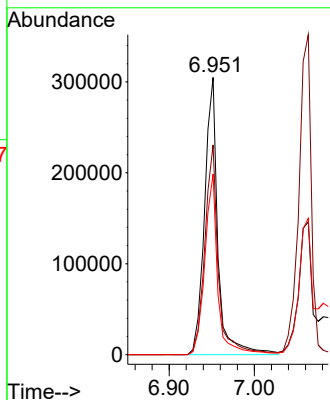
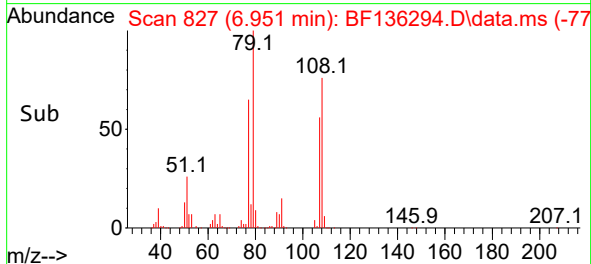
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



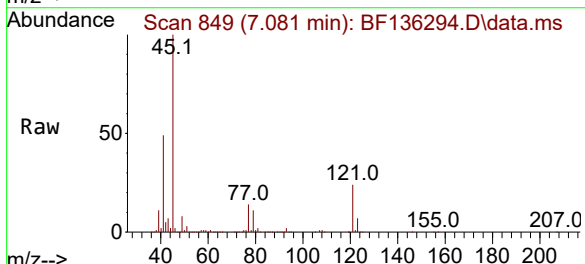
Tgt Ion: 79 Resp: 33188
Ion Ratio Lower Upper
79 100
108 75.7 58.1 87.1
77 65.1 51.8 77.8

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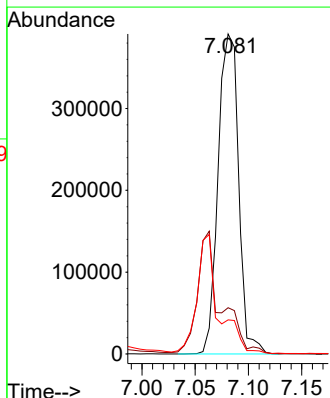
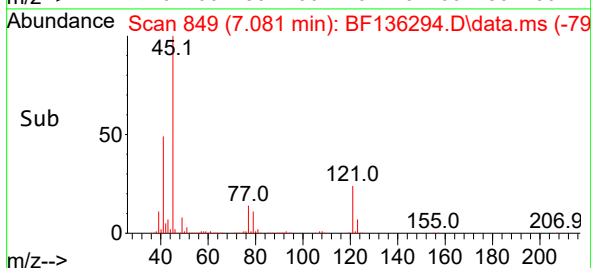
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

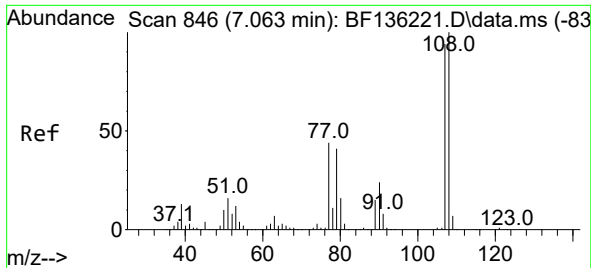


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.468 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50



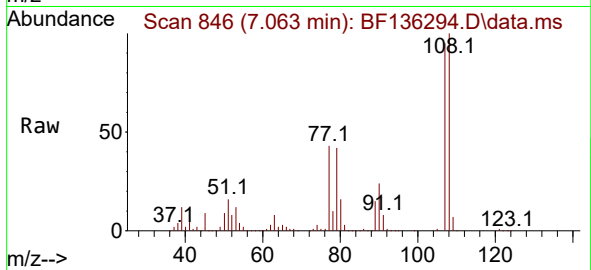
Tgt Ion: 45 Resp: 522376
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.0
79 10.7 0.0 30.1





#17
2-Methylphenol
Concen: 42.748 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

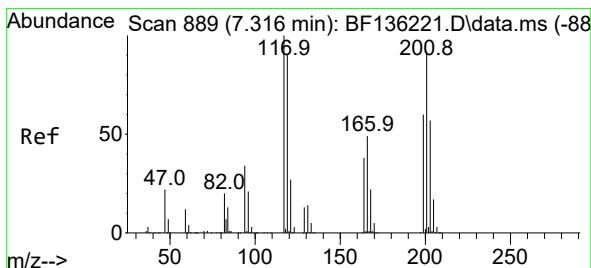
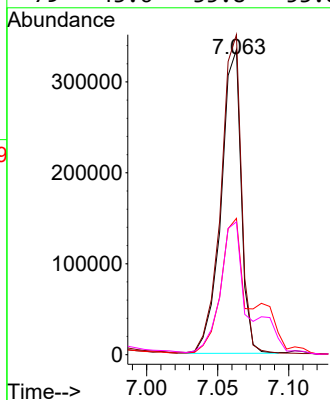
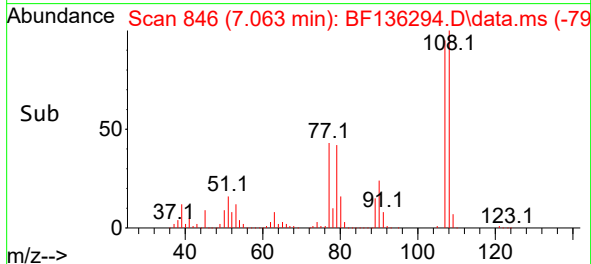
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:107 Resp: 32929
Ion Ratio Lower Upper
107 100
108 104.9 85.4 128.0
77 44.7 37.4 56.2
79 43.6 35.8 53.8

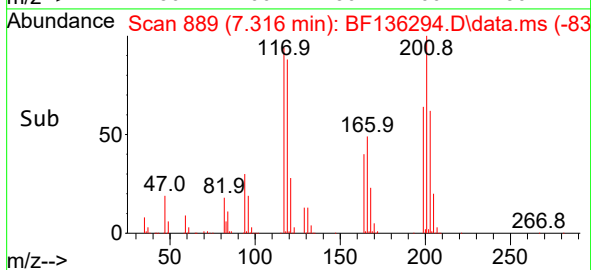
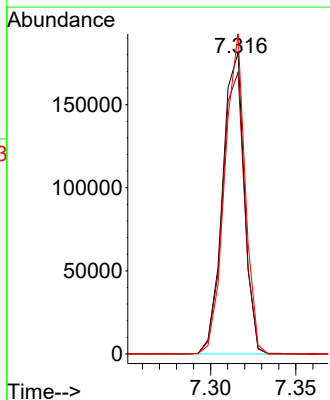
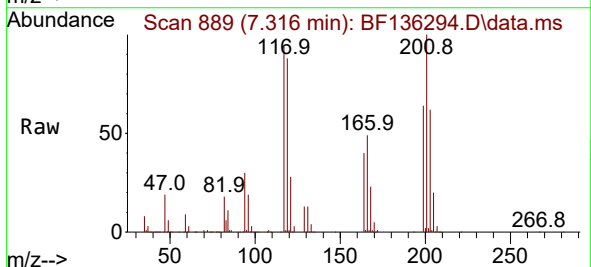
Manual Integrations
APPROVED

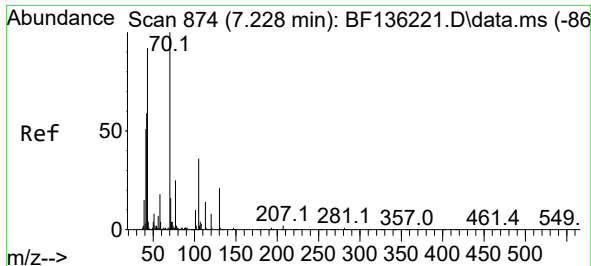
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 40.665 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

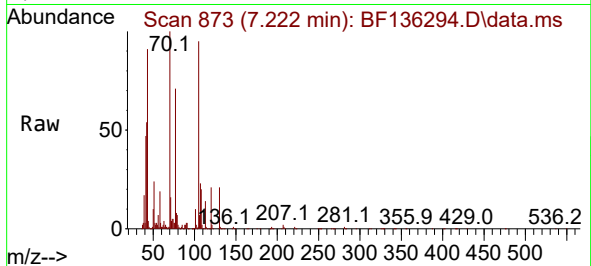
Tgt Ion:117 Resp: 161237
Ion Ratio Lower Upper
117 100
119 93.5 71.6 107.4
201 106.3 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 42.416 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

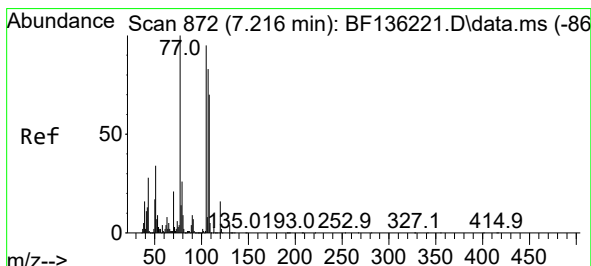
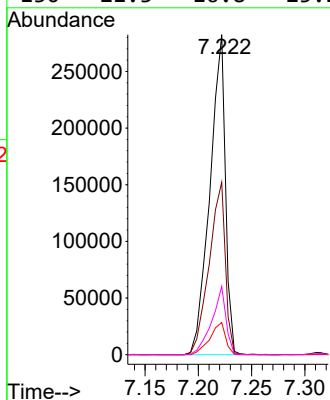
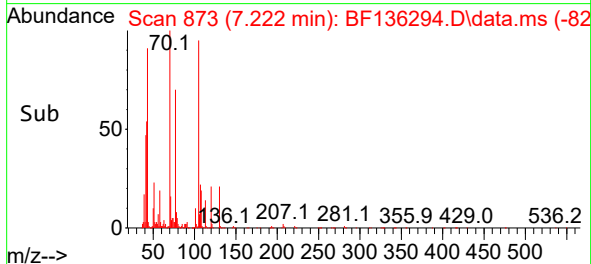
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



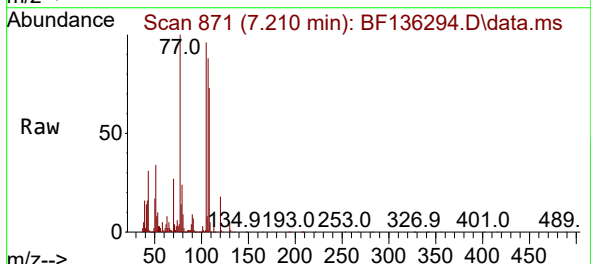
Tgt Ion: 70 Resp: 285438
Ion Ratio Lower Upper
70 100
42 53.9 47.0 70.4
101 10.1 7.8 11.8
130 21.3 16.8 25.2

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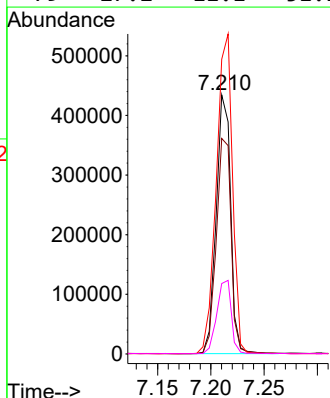
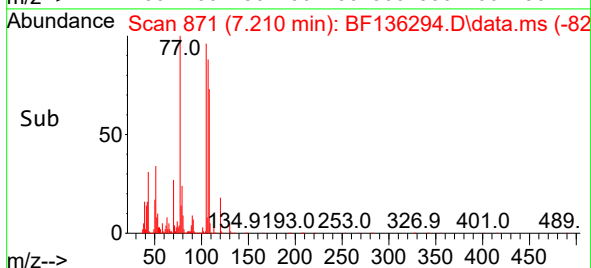
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

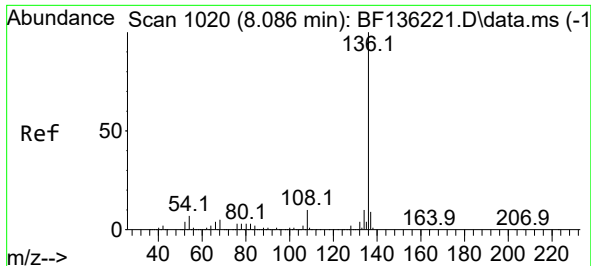


#20
3+4-Methylphenols
Concen: 40.704 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50



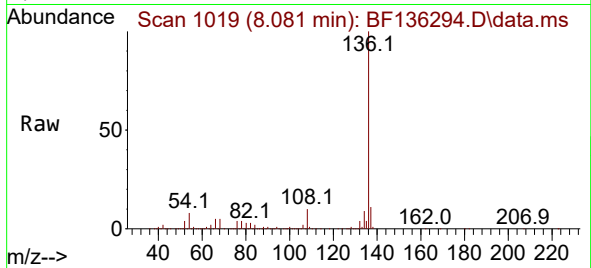
Tgt Ion:107 Resp: 407507
Ion Ratio Lower Upper
107 100
108 83.2 63.9 103.9
77 113.8 100.2 140.2
79 27.2 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

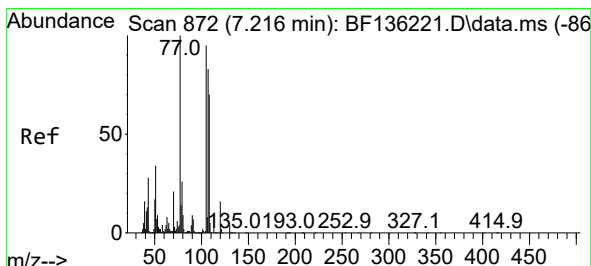
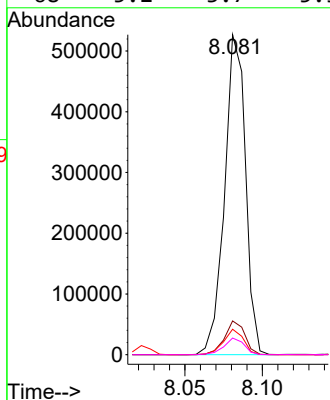
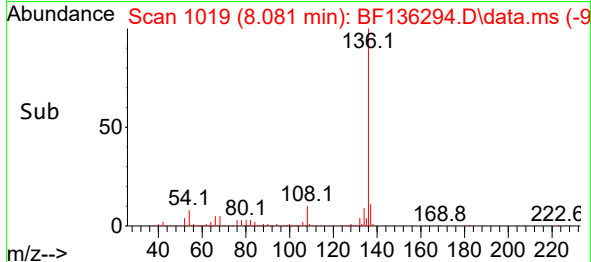
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:136 Resp: 49472
Ion Ratio Lower Upper
136 100
137 10.6 7.4 11.2
54 8.0 5.5 8.3
68 5.2 3.7 5.5

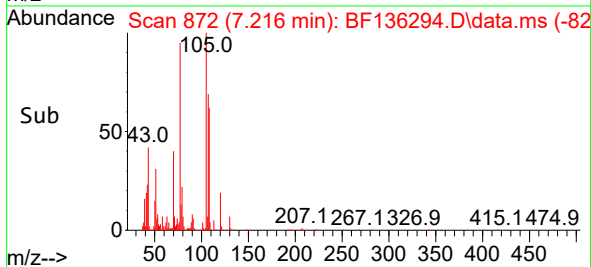
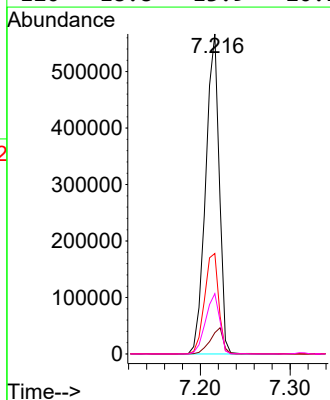
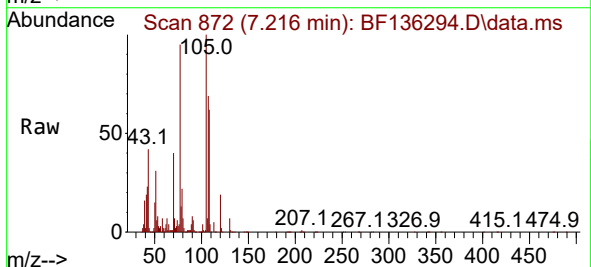
Manual Integrations
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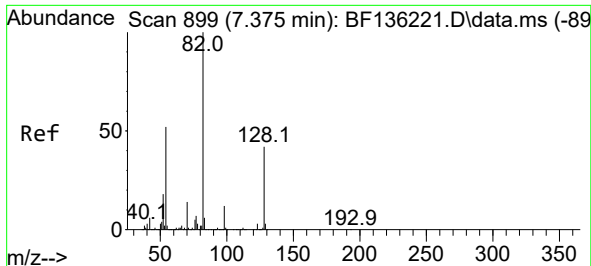
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 45.730 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Tgt Ion:105 Resp: 594167
Ion Ratio Lower Upper
105 100
71 6.7 2.8 4.2#
51 31.4 29.0 43.6
120 18.8 13.9 20.9





#23

Nitrobenzene-d5

Concen: 60.644 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion: 82 Resp: 567750

Ion Ratio Lower Upper

82 100

128 44.0 33.4 50.2

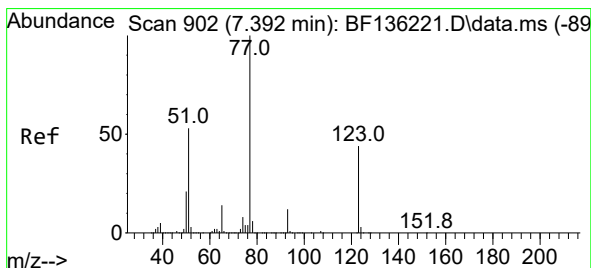
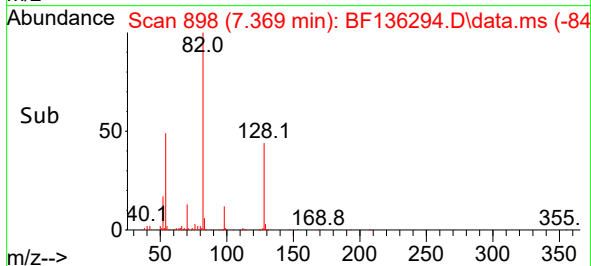
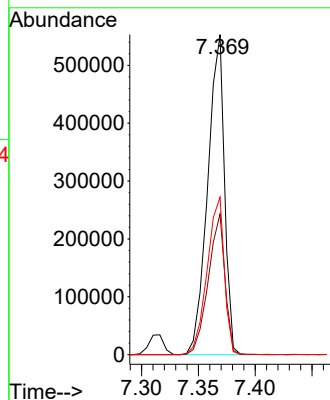
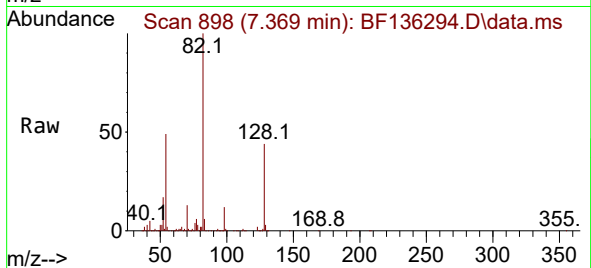
54 49.2 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#24

Nitrobenzene

Concen: 43.067 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

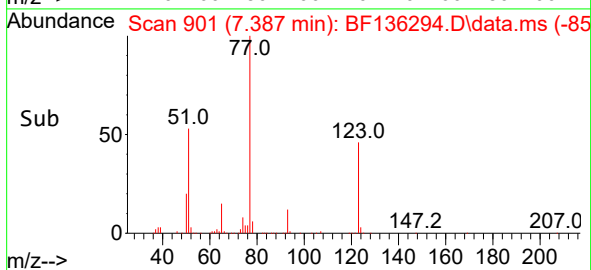
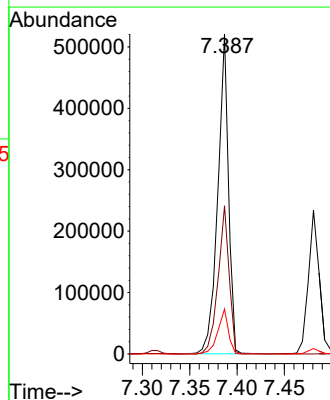
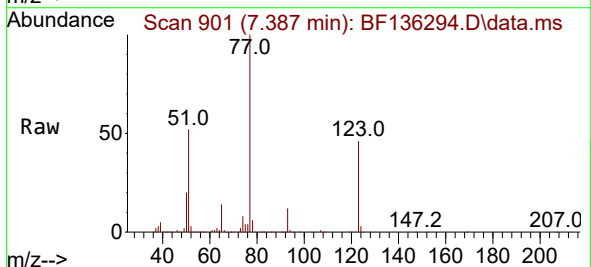
Tgt Ion: 77 Resp: 408598

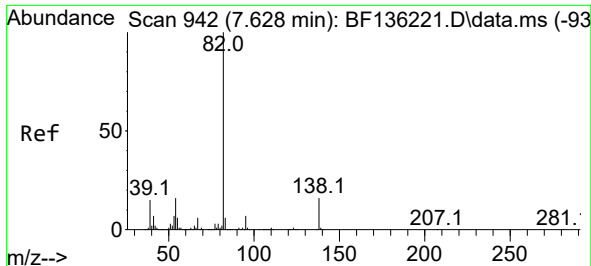
Ion Ratio Lower Upper

77 100

123 46.3 35.4 53.2

65 14.0 11.0 16.6





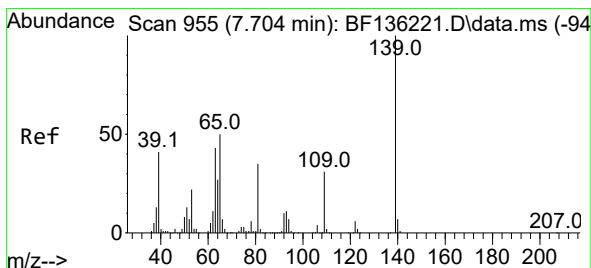
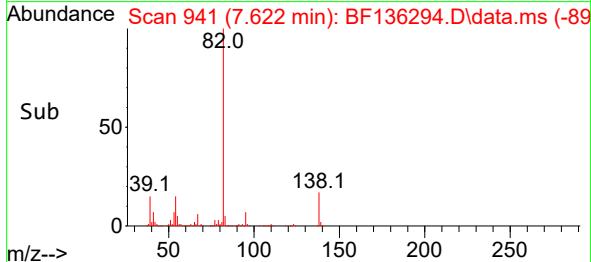
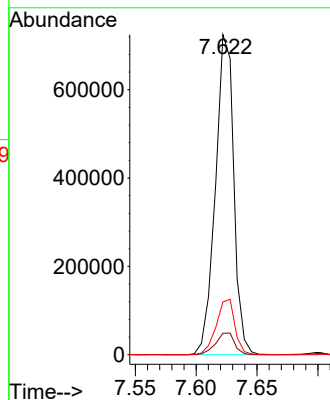
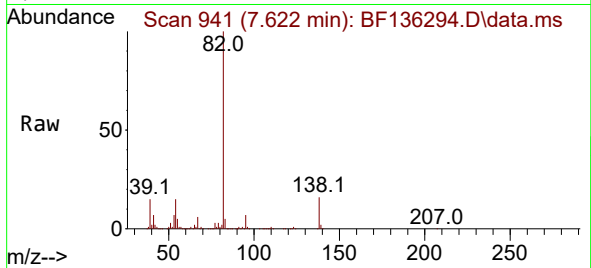
#25
Isophorone
Concen: 45.064 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion: 82 Resp: 760738
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 16.5 12.8 19.2

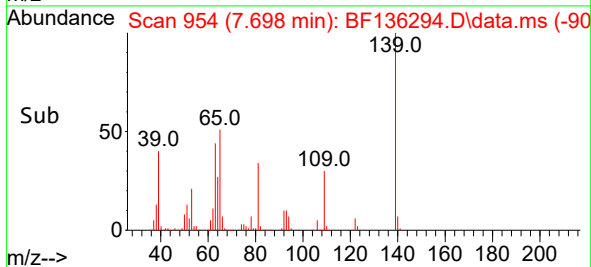
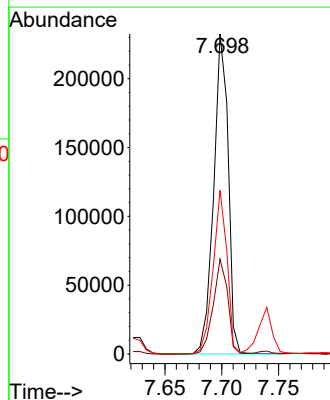
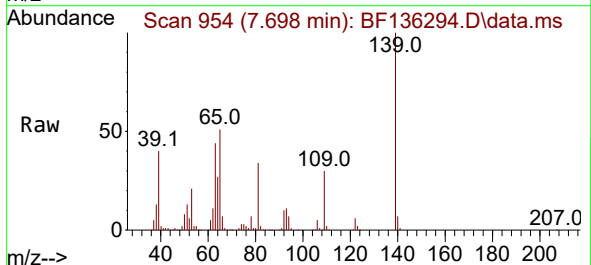
Manual Integrations
APPROVED

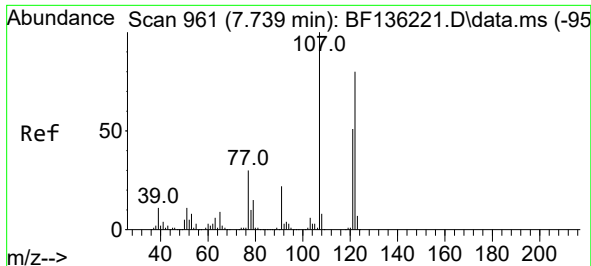
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#26
2-Nitrophenol
Concen: 51.075 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Tgt Ion:139 Resp: 206462
Ion Ratio Lower Upper
139 100
109 29.6 25.0 37.6
65 51.1 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 54.337 ng

RT: 7.740 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136294.D

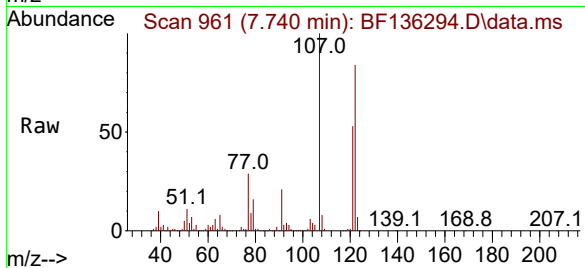
Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2MSD



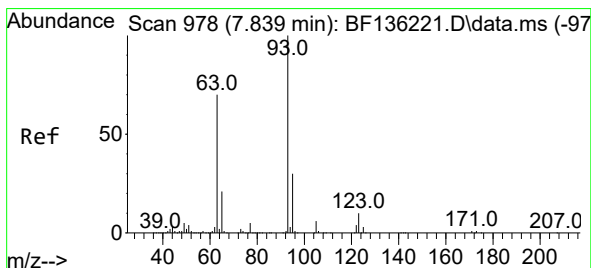
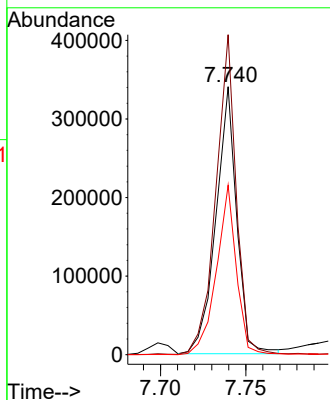
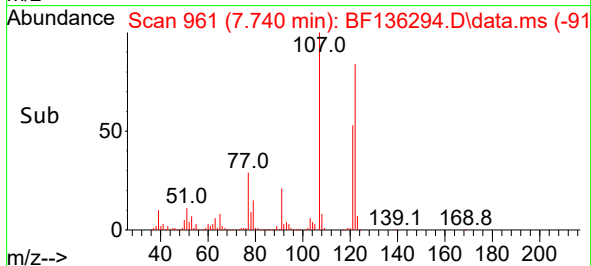
Tgt Ion:	122	Resp:	289100
Ion Ratio	Lower	Upper	
122	100		
107	119.4	100.0	150.0
121	63.2	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.940 ng

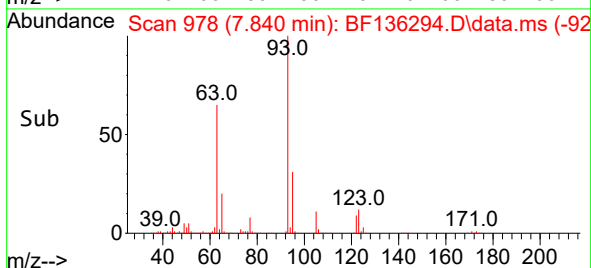
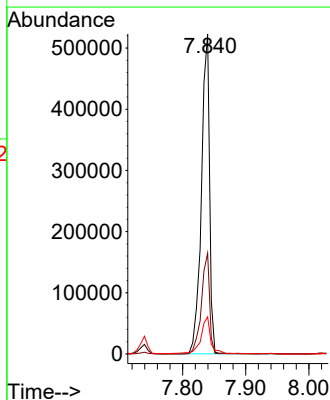
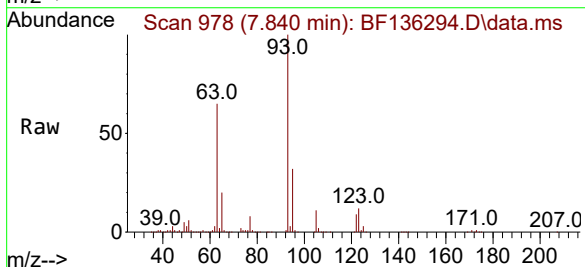
RT: 7.840 min Scan# 978

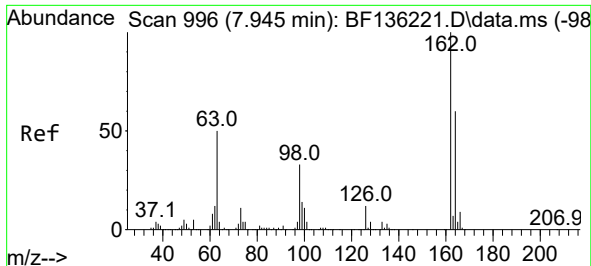
Delta R.T. 0.000 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

Tgt Ion:	93	Resp:	469091
Ion Ratio	Lower	Upper	
93	100		
95	31.5	23.8	35.6
123	11.6	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 45.569 ng

RT: 7.940 min Scan# 996

Delta R.T. -0.006 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

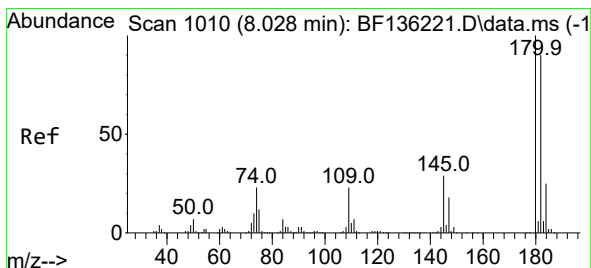
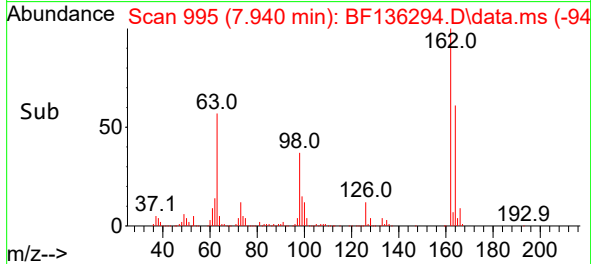
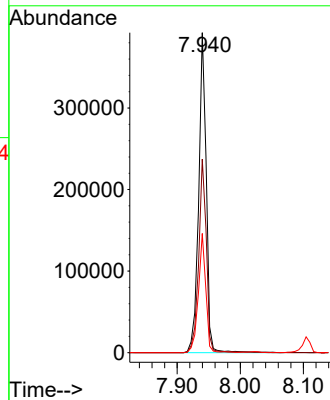
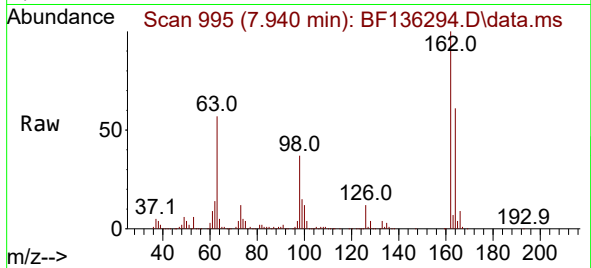
TP-2MSD

Tgt Ion:162 Resp: 327021
 Ion Ratio Lower Upper
 162 100
 164 60.5 40.3 80.3
 98 37.3 13.0 53.0

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 44.215 ng

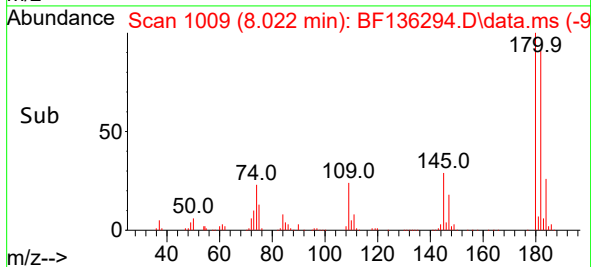
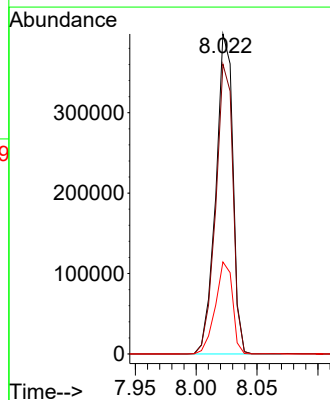
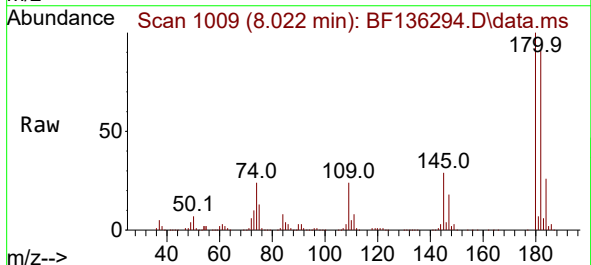
RT: 8.022 min Scan# 1009

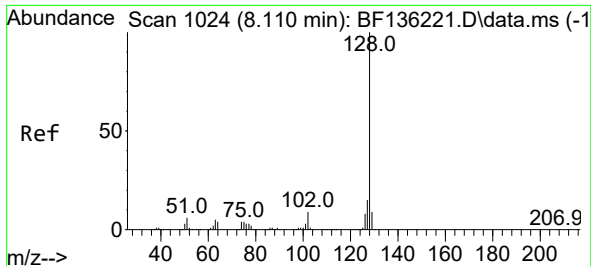
Delta R.T. -0.006 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

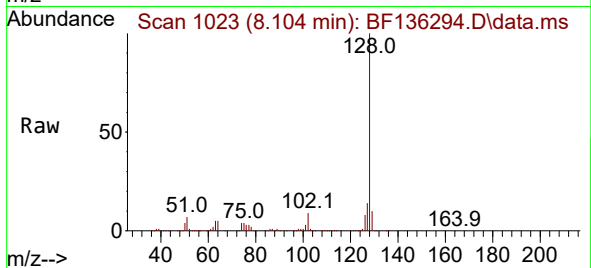
Tgt Ion:180 Resp: 388488
 Ion Ratio Lower Upper
 180 100
 182 90.6 71.6 107.4
 145 28.7 23.0 34.4





#31
Naphthalene
Concen: 44.239 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

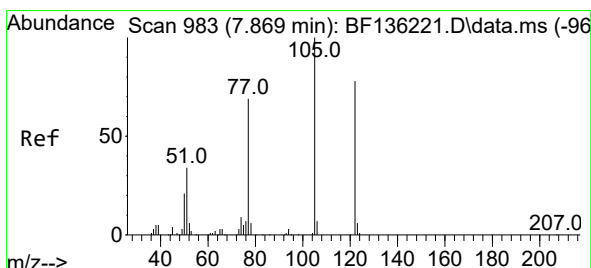
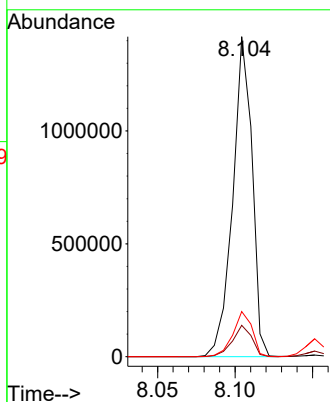
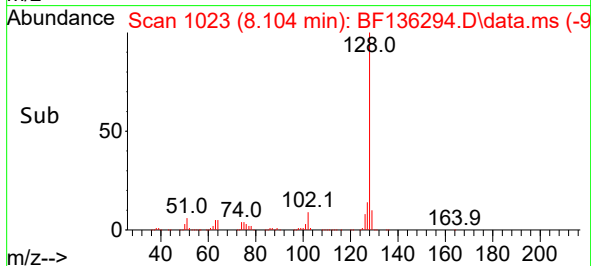
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:128 Resp: 1230160
Ion Ratio Lower Upper
128 100
129 9.8 7.3 10.9
127 14.1 11.8 17.6

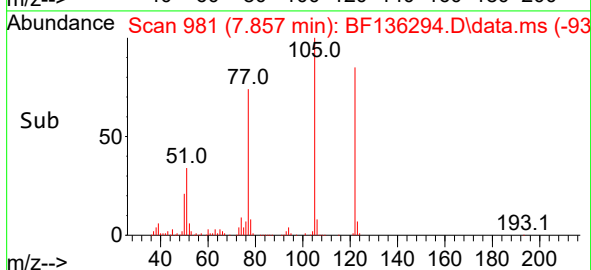
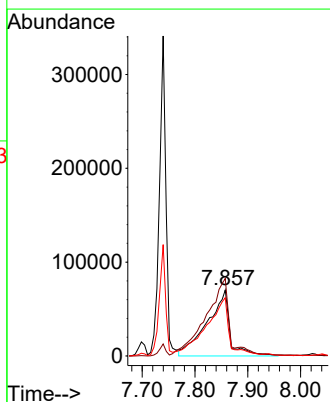
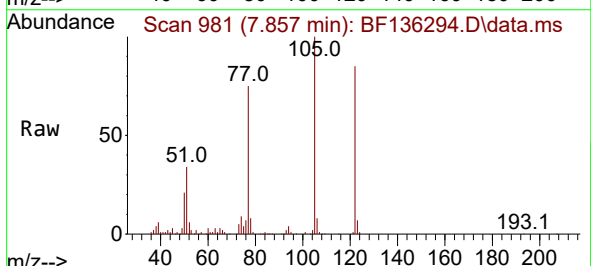
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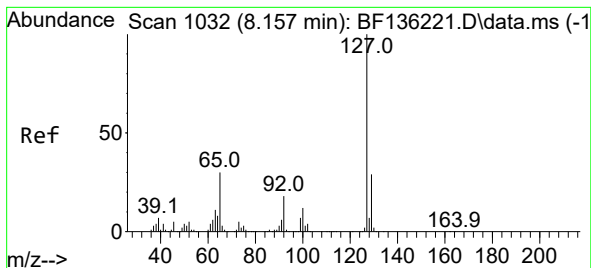
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 43.425 ng m
RT: 7.857 min Scan# 981
Delta R.T. -0.012 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Tgt Ion:122 Resp: 210568
Ion Ratio Lower Upper
122 100
105 117.5 103.7 143.7
77 88.3 66.8 106.8





#33

4-Chloroaniline

Concen: 7.710 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion:127 Resp: 72880

Ion Ratio Lower Upper

127 100

129 31.8 23.4 35.2

65 30.9 23.8 35.6

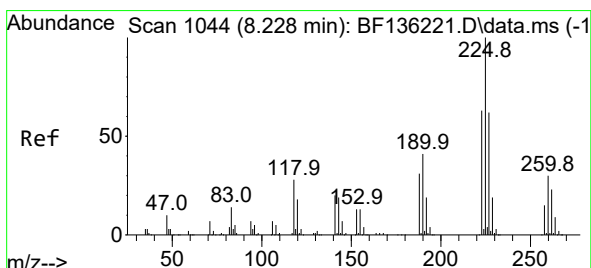
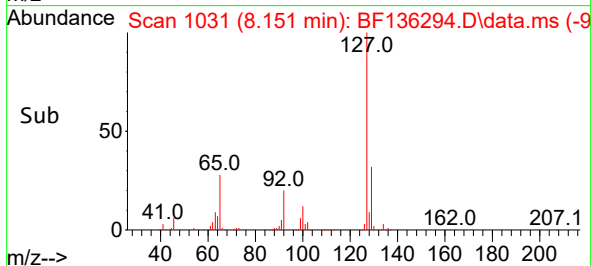
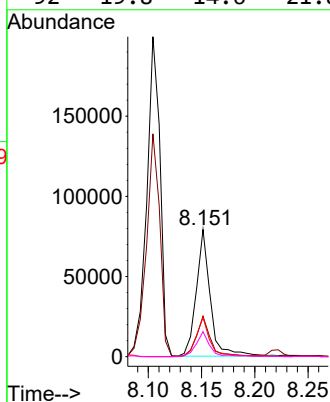
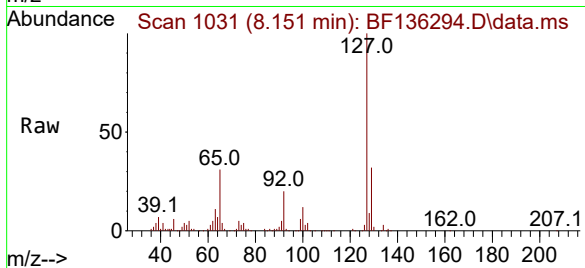
92 19.8 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#34

Hexachlorobutadiene

Concen: 43.107 ng

RT: 8.222 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

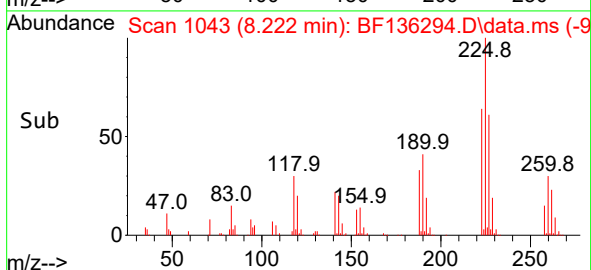
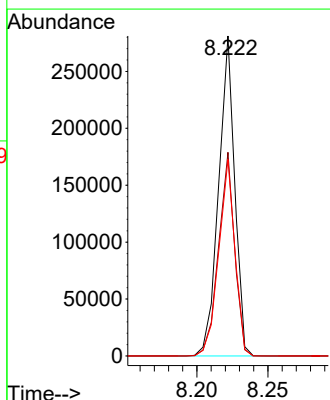
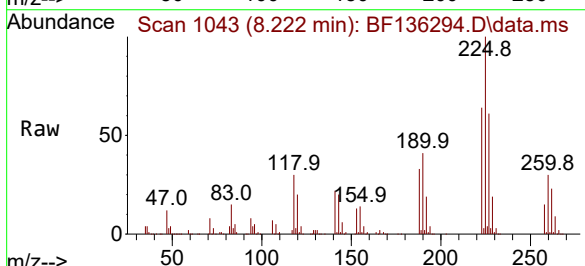
Tgt Ion:225 Resp: 221586

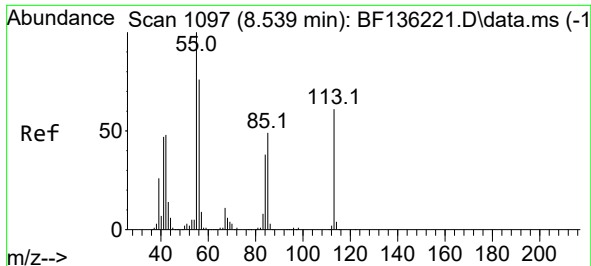
Ion Ratio Lower Upper

225 100

223 63.6 50.6 75.8

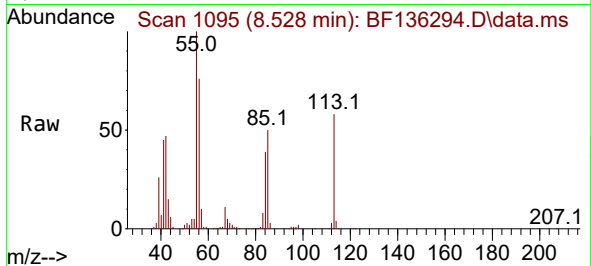
227 61.4 49.6 74.4





#35
 Caprolactam
 Concen: 43.135 ng m
 RT: 8.528 min Scan# 1095
 Delta R.T. -0.012 min
 Lab File: BF136294.D
 Acq: 29 Nov 2023 20:50

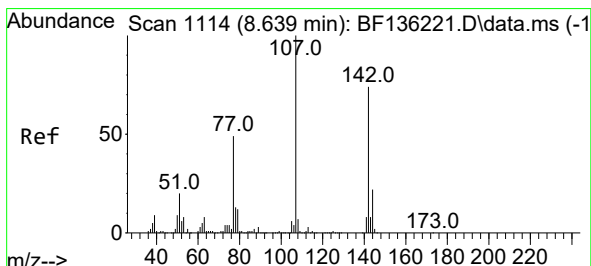
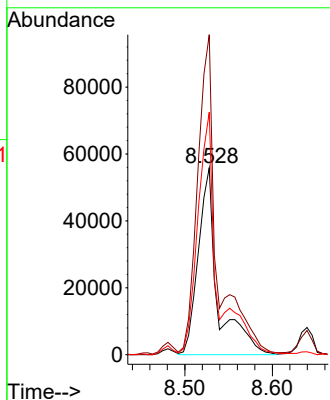
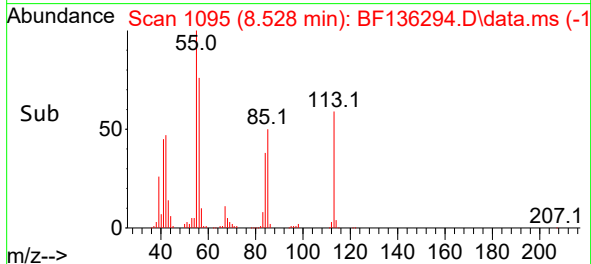
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD



Tgt Ion:113 Resp: 86538
 Ion Ratio Lower Upper
 113 100
 55 171.2 143.1 183.1
 56 129.7 103.6 143.6

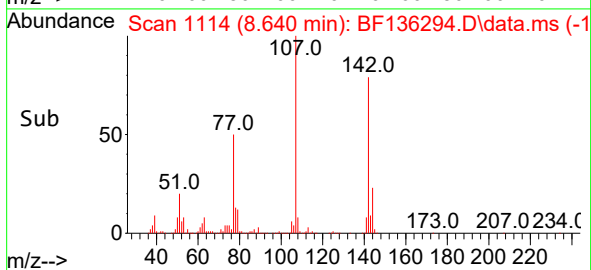
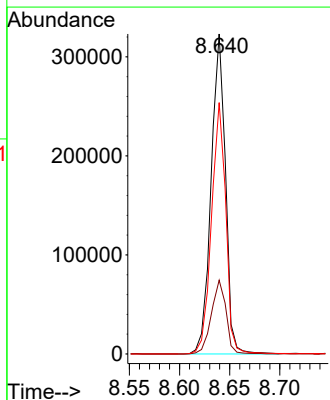
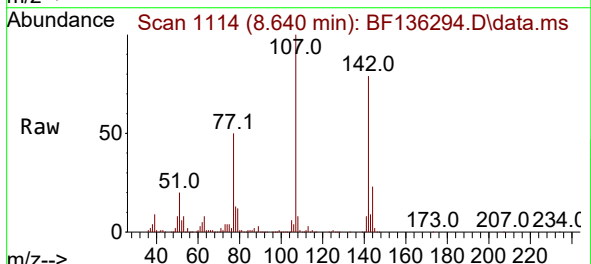
Manual Integrations
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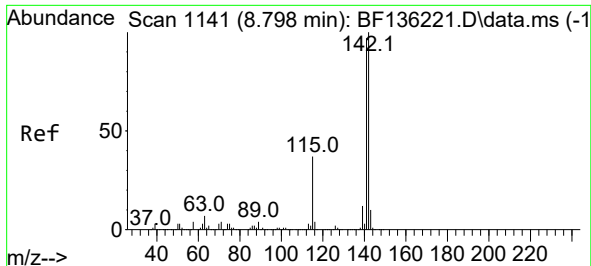
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023



#36
 4-Chloro-3-methylphenol
 Concen: 41.283 ng
 RT: 8.640 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136294.D
 Acq: 29 Nov 2023 20:50

Tgt Ion:107 Resp: 321326
 Ion Ratio Lower Upper
 107 100
 144 23.1 17.8 26.8
 142 78.5 59.4 89.0





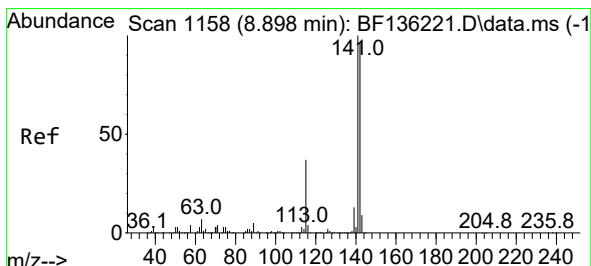
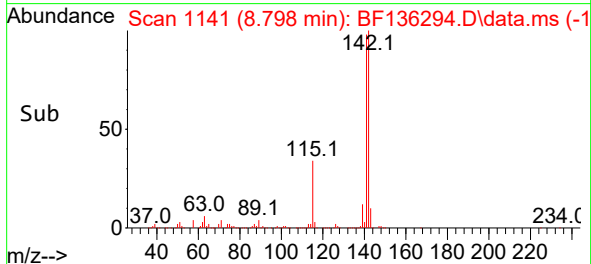
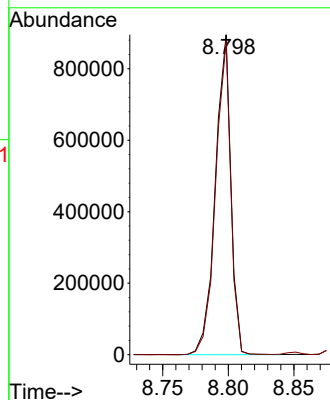
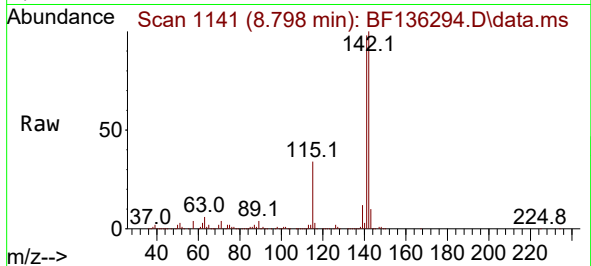
#37
2-Methylnaphthalene
Concen: 42.255 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:142 Resp: 737064
Ion Ratio Lower Upper
142 100
141 97.9 77.8 116.8

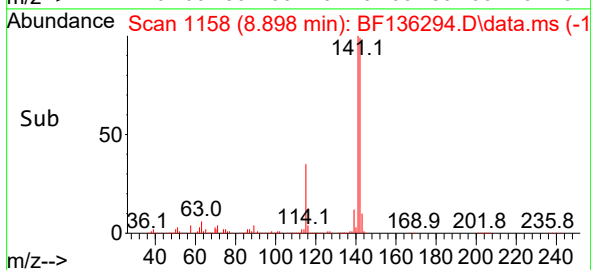
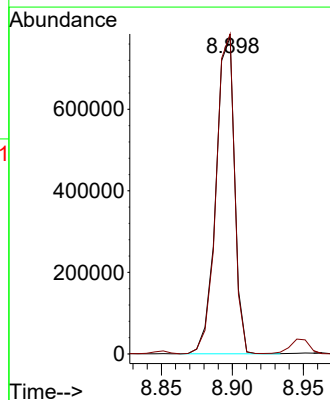
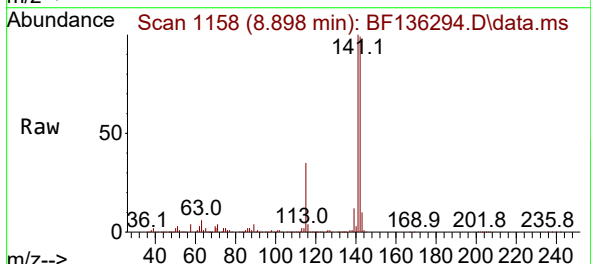
Manual Integrations
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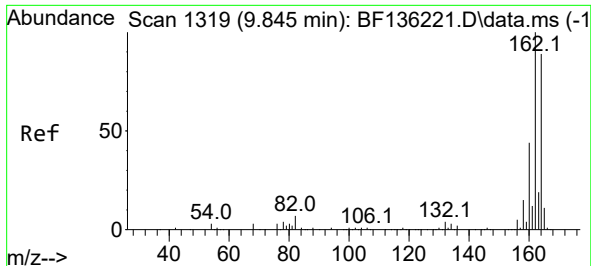
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#38
1-Methylnaphthalene
Concen: 41.444 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Tgt Ion:142 Resp: 705227
Ion Ratio Lower Upper
142 100
141 101.0 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF136294.D

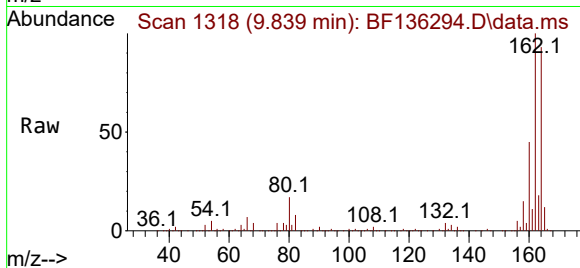
Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2MSD



Tgt Ion:164 Resp: 217872

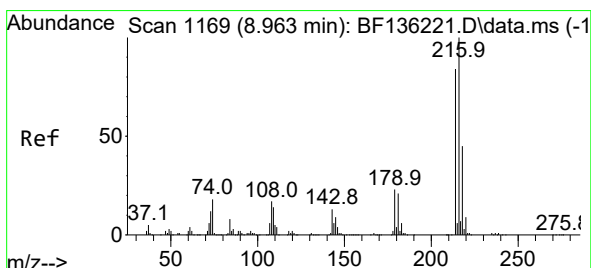
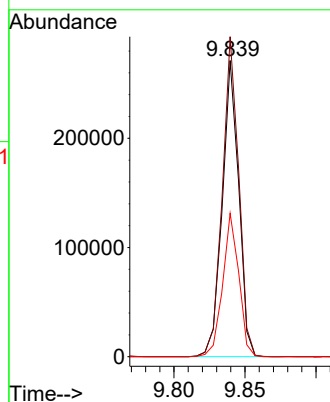
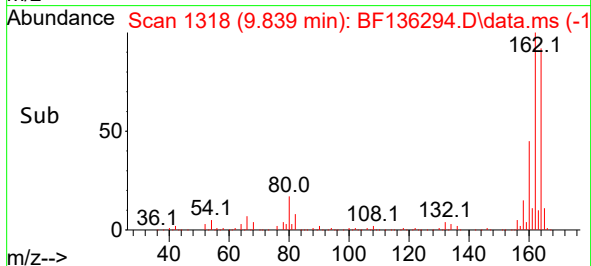
Ion	Ratio	Lower	Upper
164	100		
162	108.1	89.5	134.3
160	48.4	39.6	59.4

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

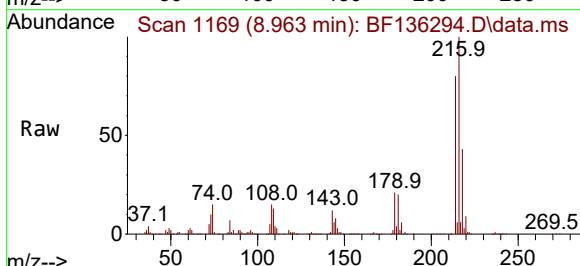
Concen: 51.875 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

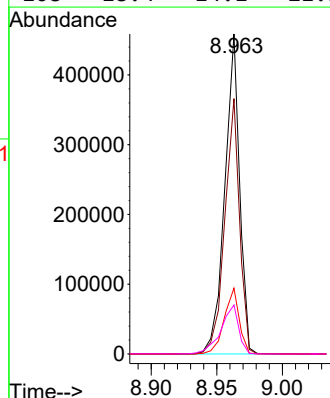
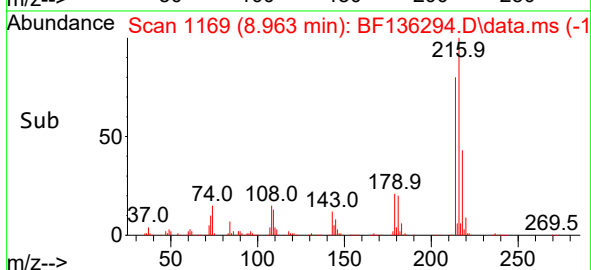
Lab File: BF136294.D

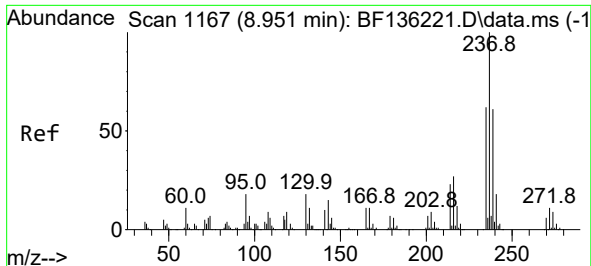
Acq: 29 Nov 2023 20:50



Tgt Ion:216 Resp: 359692

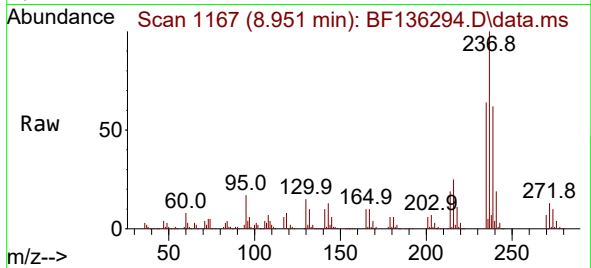
Ion	Ratio	Lower	Upper
216	100		
214	79.4	65.8	98.8
179	20.8	17.4	26.0
108	18.4	14.1	21.1





#41
Hexachlorocyclopentadiene
Concen: 110.155 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

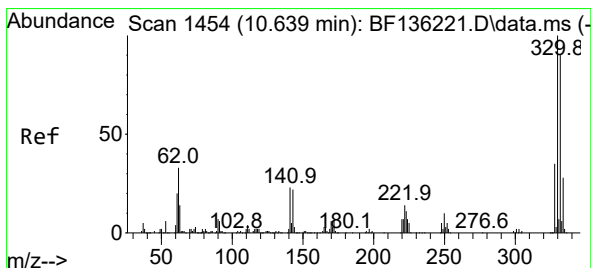
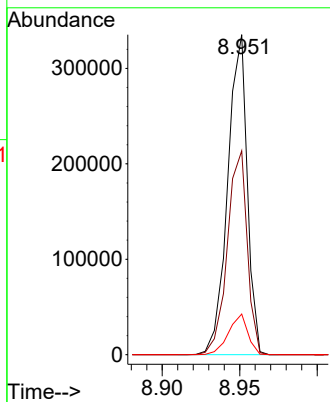
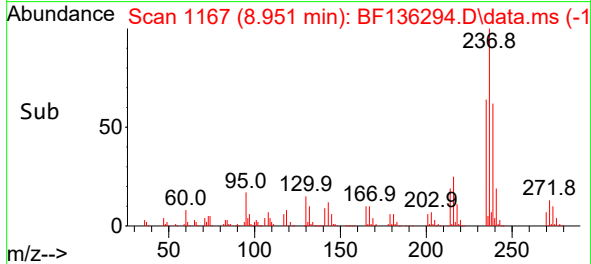
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



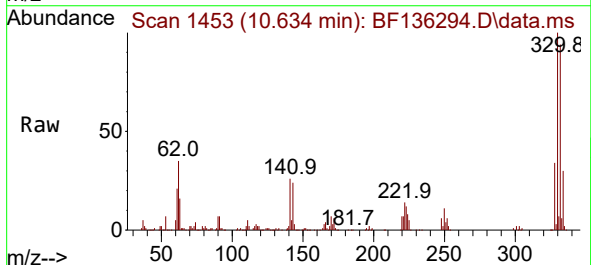
Tgt Ion:237 Resp: 293890
Ion Ratio Lower Upper
237 100
235 63.7 42.1 82.1
272 12.7 0.0 31.0

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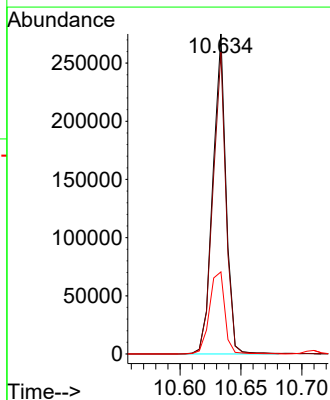
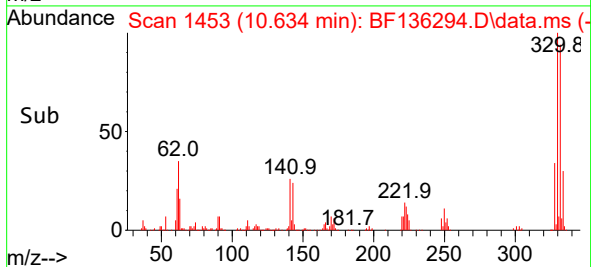
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

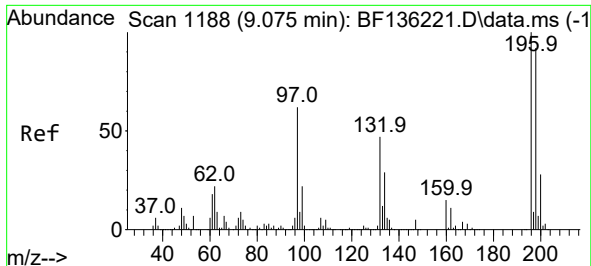


#42
2,4,6-Tribromophenol
Concen: 77.801 ng
RT: 10.634 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50



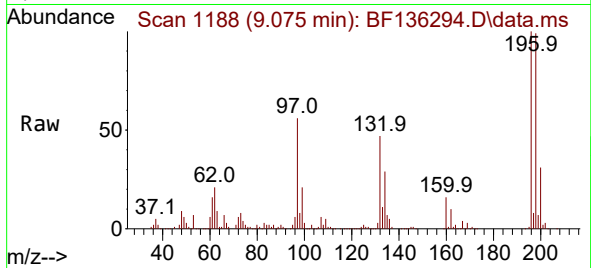
Tgt Ion:330 Resp: 207235
Ion Ratio Lower Upper
330 100
332 94.6 73.0 109.6
141 29.9 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 47.948 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

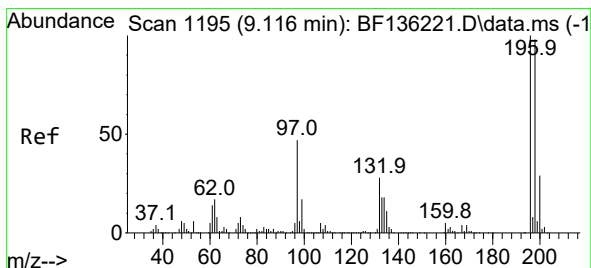
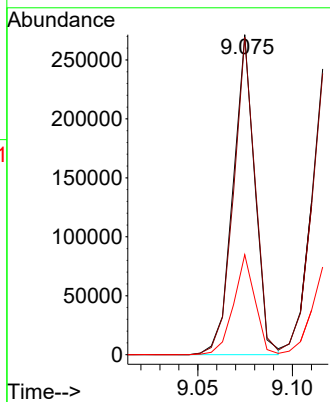
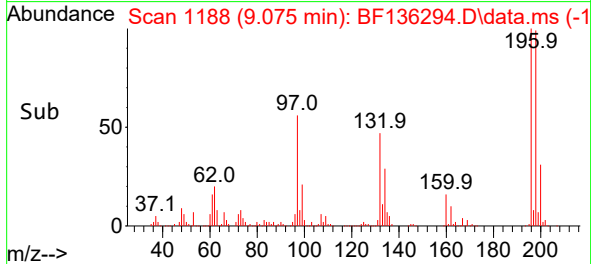
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:196 Resp: 215792
Ion Ratio Lower Upper
196 100
198 99.2 73.2 109.8
200 31.2 22.4 33.6

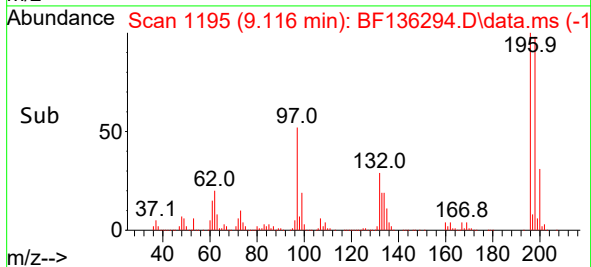
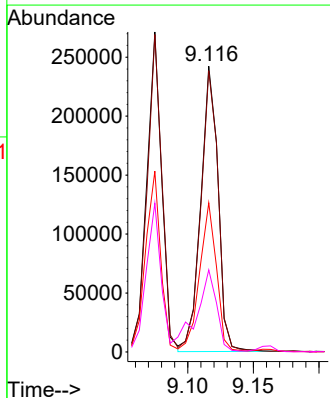
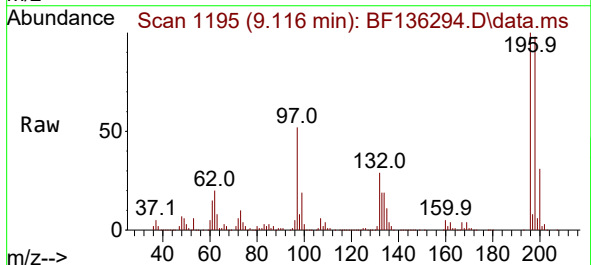
Manual Integrations
APPROVED

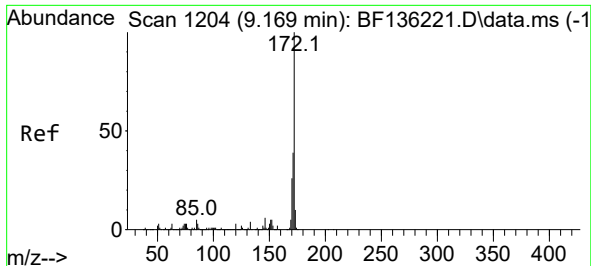
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#44
2,4,5-Trichlorophenol
Concen: 45.378 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

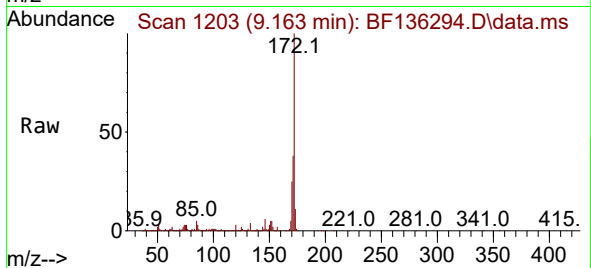
Tgt Ion:196 Resp: 222870
Ion Ratio Lower Upper
196 100
198 98.4 78.8 118.2
97 52.2 37.8 56.8
132 28.7 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 60.456 ng
RT: 9.163 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

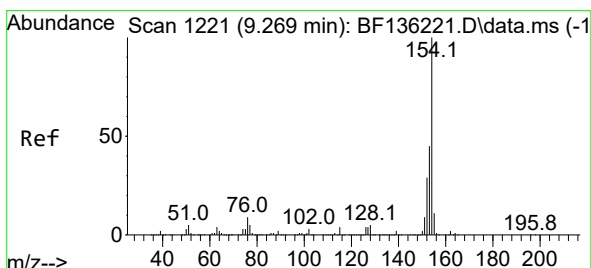
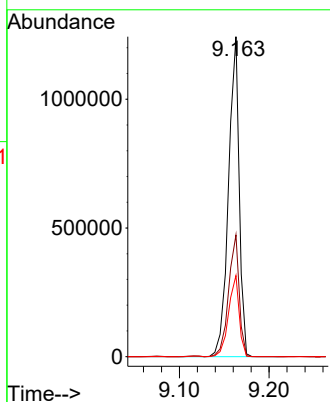
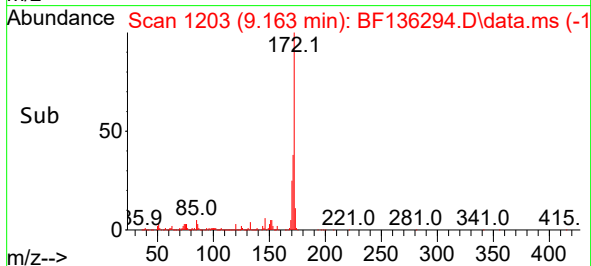
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



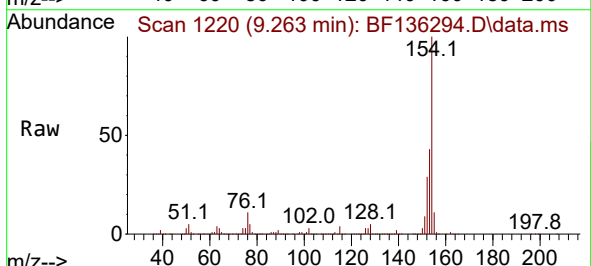
Tgt Ion:172 Resp: 1031210
Ion Ratio Lower Upper
172 100
171 38.1 31.5 47.3
170 25.3 20.8 31.2

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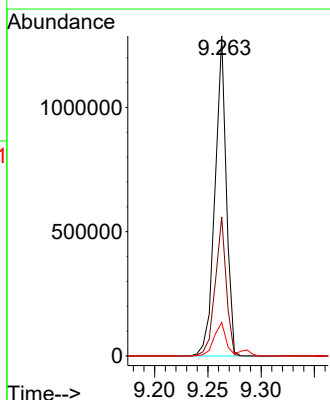
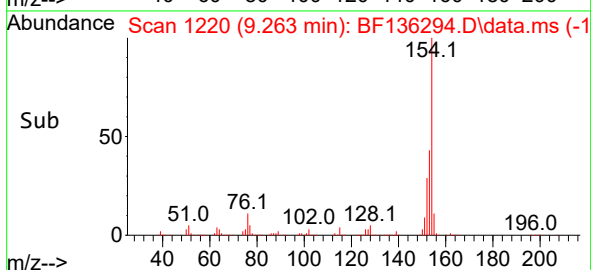
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

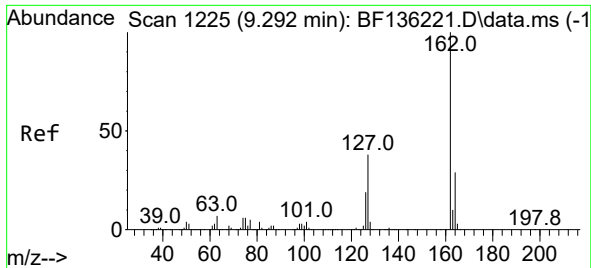


#46
1,1'-Biphenyl
Concen: 49.331 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50



Tgt Ion:154 Resp: 947800
Ion Ratio Lower Upper
154 100
153 43.5 24.6 64.6
76 10.5 0.0 29.4





#47

2-Chloronaphthalene

Concen: 47.023 ng

RT: 9.287 min Scan# 1224

Delta R.T. -0.005 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

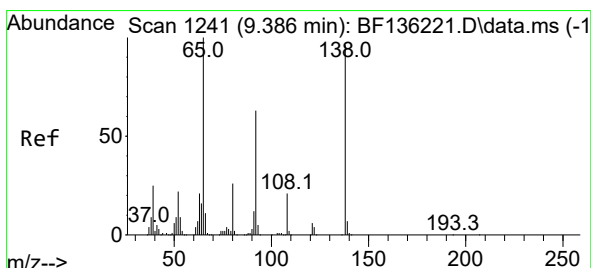
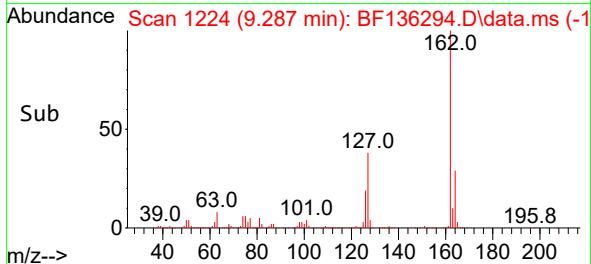
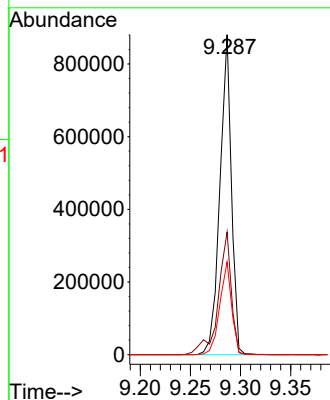
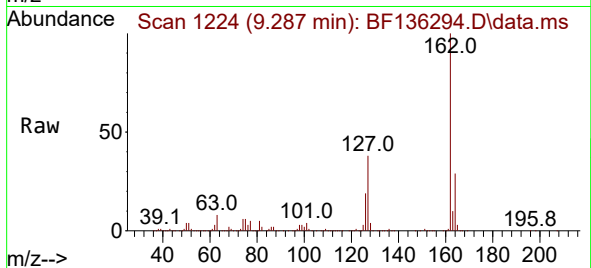
TP-2MSD

Tgt Ion:162 Resp: 70161
 Ion Ratio Lower Upper
 162 100
 127 38.3 30.2 45.2
 164 29.0 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: 46.102 ng

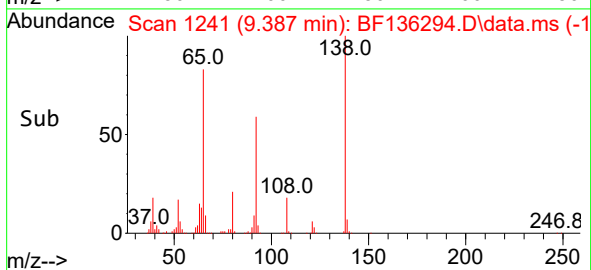
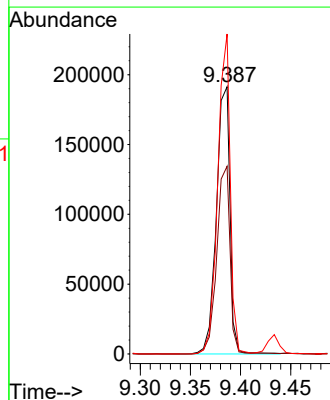
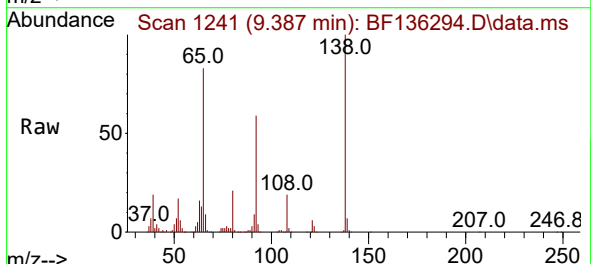
RT: 9.387 min Scan# 1241

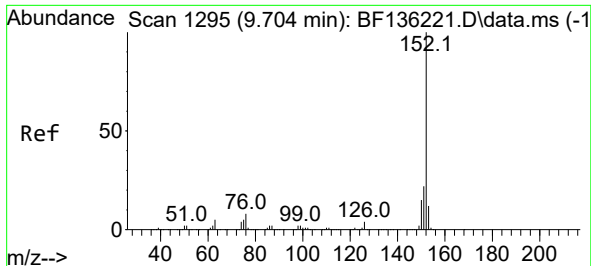
Delta R.T. 0.000 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

Tgt Ion: 65 Resp: 179590
 Ion Ratio Lower Upper
 65 100
 92 70.3 50.6 75.8
 138 119.8 76.7 115.1#





#49

Acenaphthylene

Concen: 50.206 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF136294.D

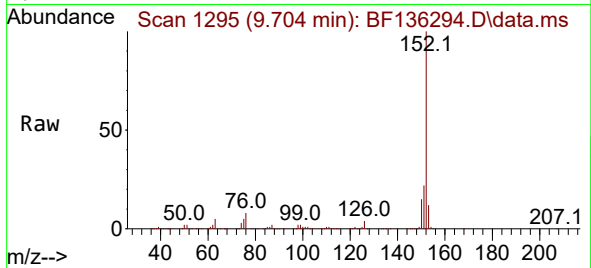
Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2MSD



Tgt Ion:152 Resp: 106901

Ion Ratio Lower Upper

152 100

151 22.0 17.5 26.3

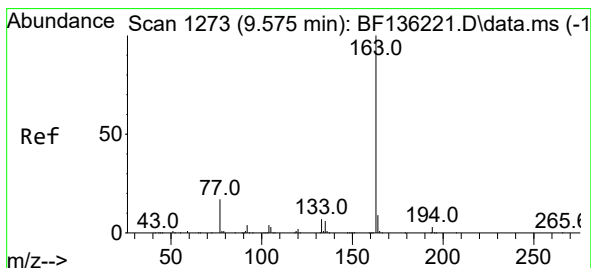
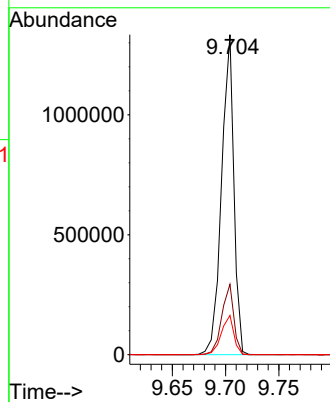
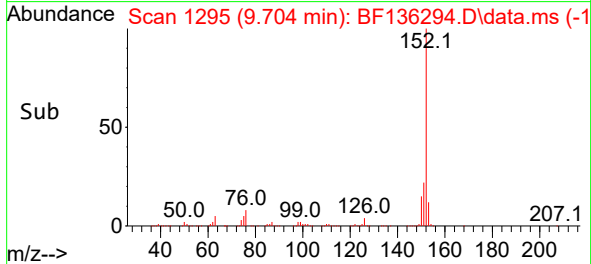
153 12.3 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#50

Dimethylphthalate

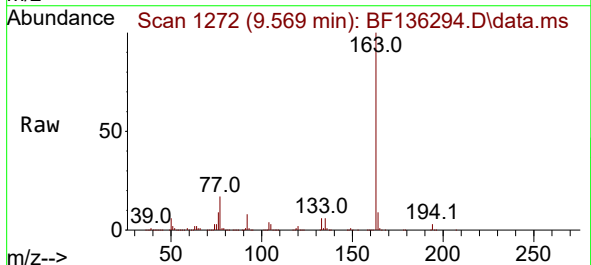
Concen: 47.841 ng

RT: 9.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50



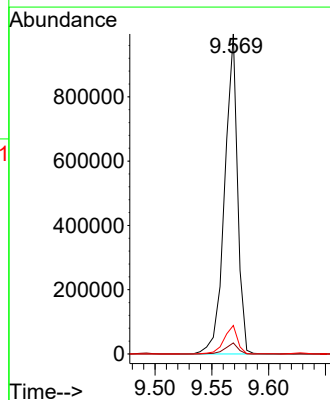
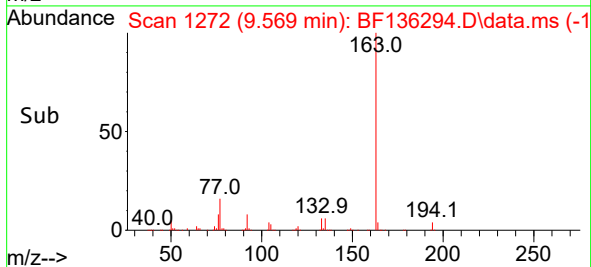
Tgt Ion:163 Resp: 787801

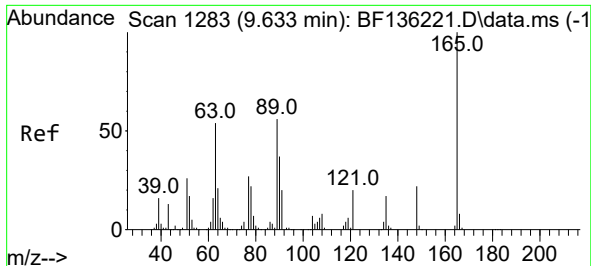
Ion Ratio Lower Upper

163 100

194 3.5 2.5 3.7

164 8.9 7.0 10.6





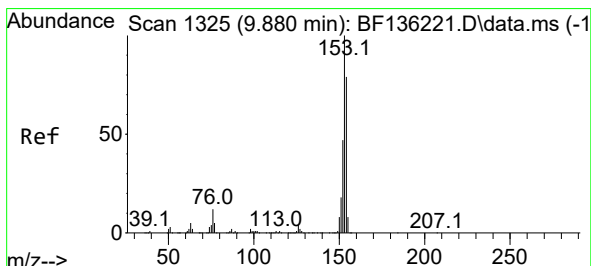
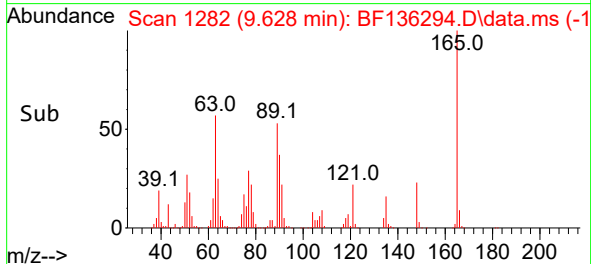
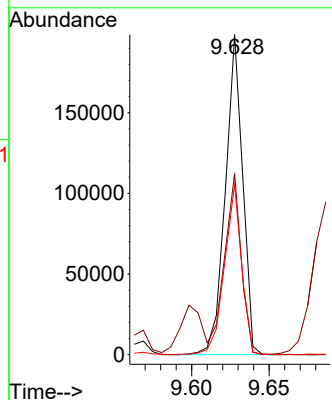
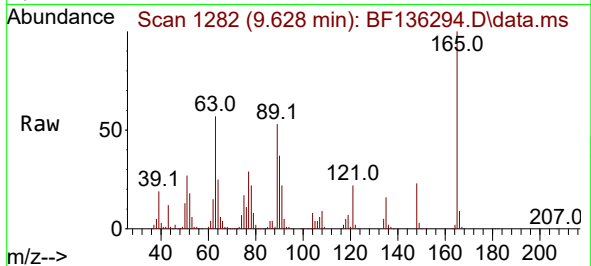
#51
2,6-Dinitrotoluene
Concen: 45.918 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:165 Resp: 15447
Ion Ratio Lower Upper
165 100
63 56.7 46.2 69.2
89 53.3 44.9 67.3

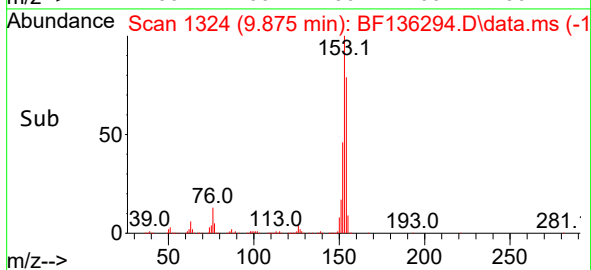
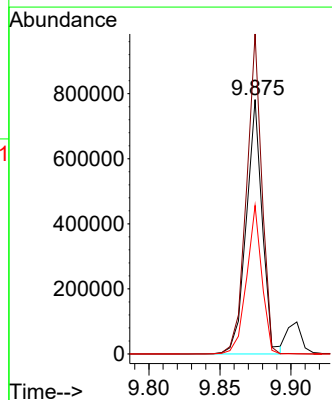
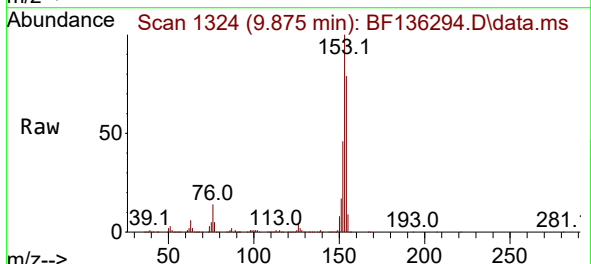
Manual Integrations
APPROVED

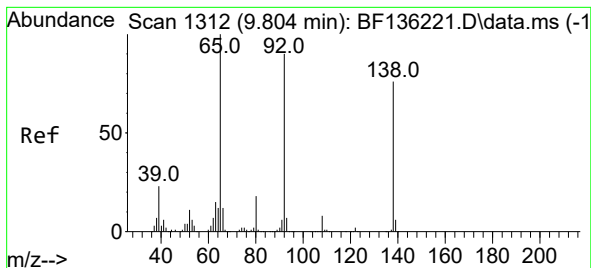
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#52
Acenaphthene
Concen: 45.579 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Tgt Ion:154 Resp: 613301
Ion Ratio Lower Upper
154 100
153 125.8 100.8 151.2
152 58.4 47.0 70.6





#53
3-Nitroaniline
Concen: 23.222 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

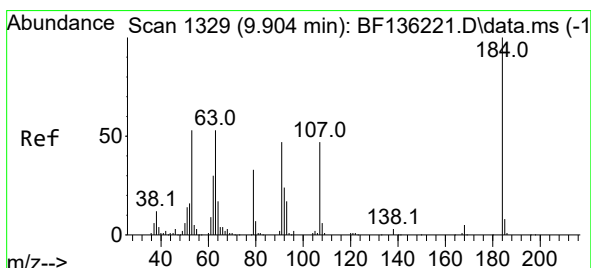
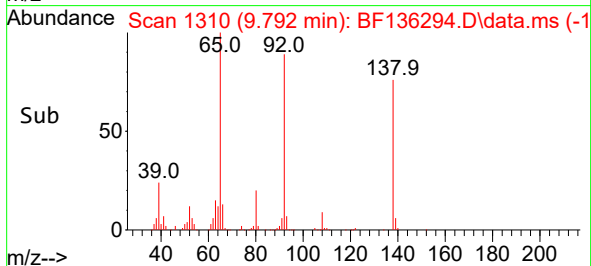
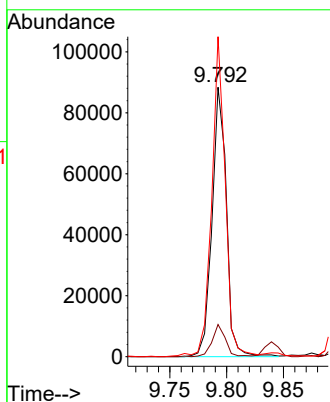
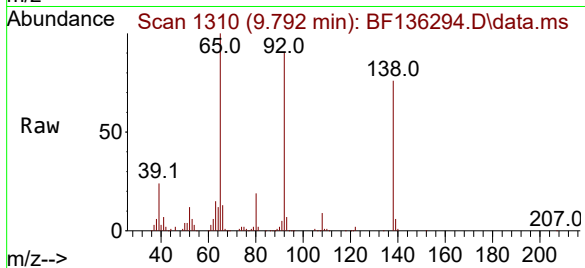
TP-2MSD

Tgt Ion:138 Resp: 77514
Ion Ratio Lower Upper
138 100
108 12.0 8.7 13.1
92 118.7 94.2 141.4

Manual Integrations

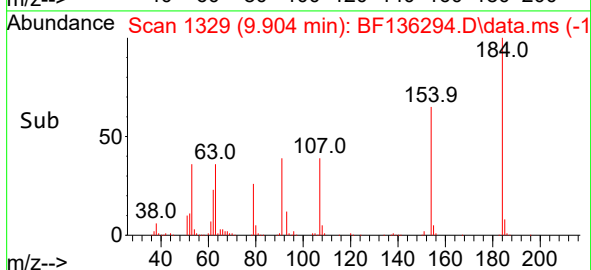
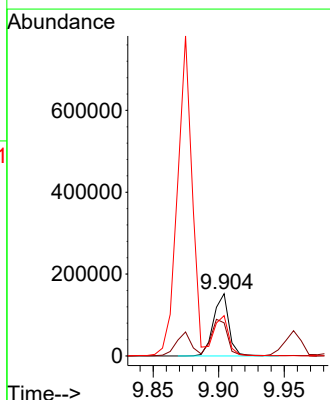
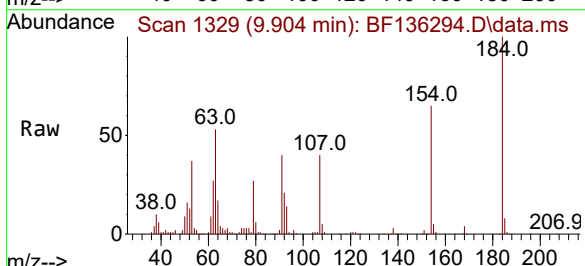
APPROVED

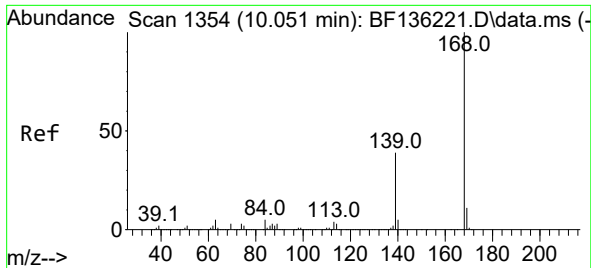
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#54
2,4-Dinitrophenol
Concen: 79.708 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

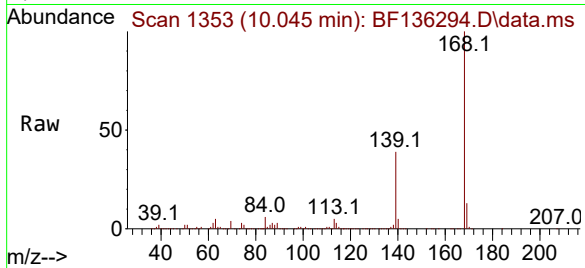
Tgt Ion:184 Resp: 124711
Ion Ratio Lower Upper
184 100
63 53.4 55.0 82.4#
154 64.8 54.9 82.3





#55
Dibenzenofuran
Concen: 45.128 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

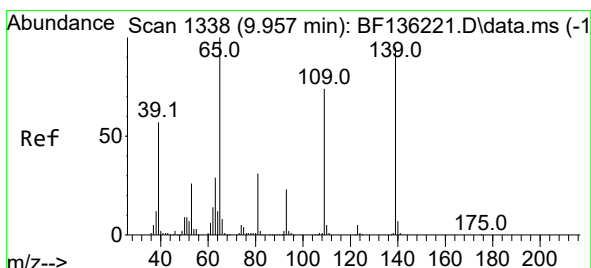
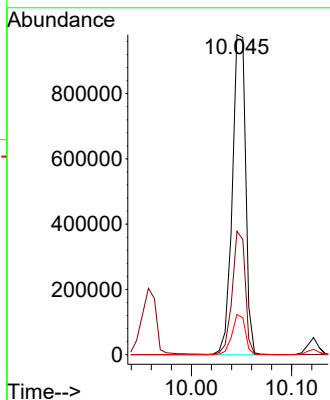
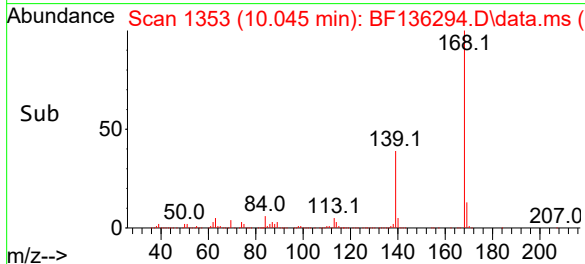
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:168 Resp: 90358
Ion Ratio Lower Upper
168 100
139 38.5 30.9 46.3
169 12.6 9.1 13.7

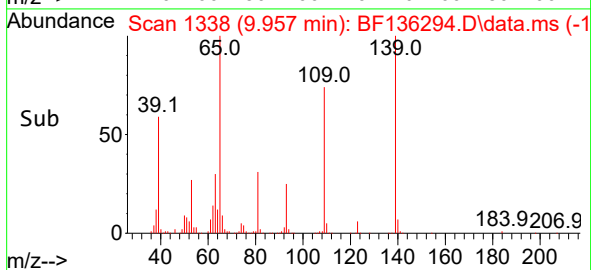
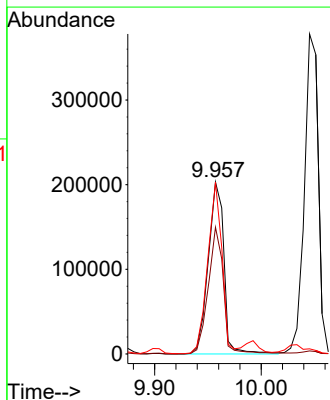
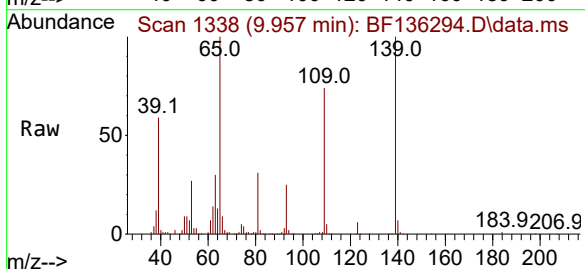
Manual Integrations
APPROVED

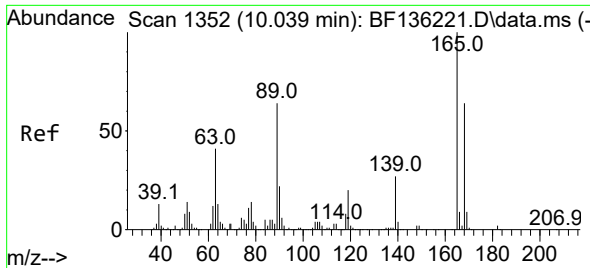
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 82.006 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Tgt Ion:139 Resp: 207903
Ion Ratio Lower Upper
139 100
109 73.6 57.8 97.8
65 99.8 86.0 126.0





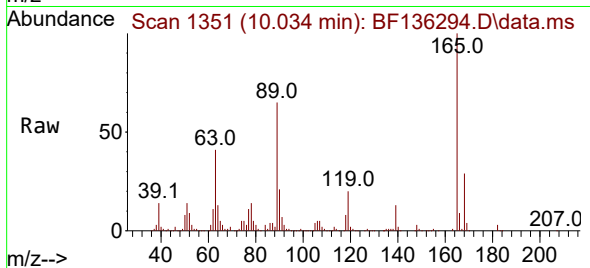
#57
2,4-Dinitrotoluene
Concen: 42.341 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

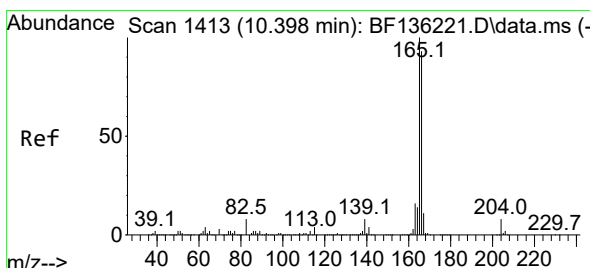
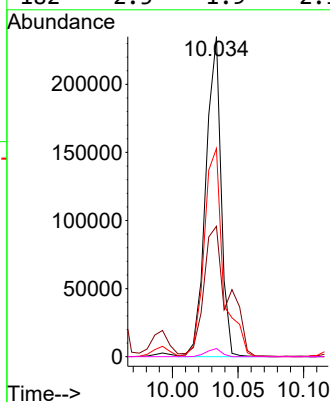
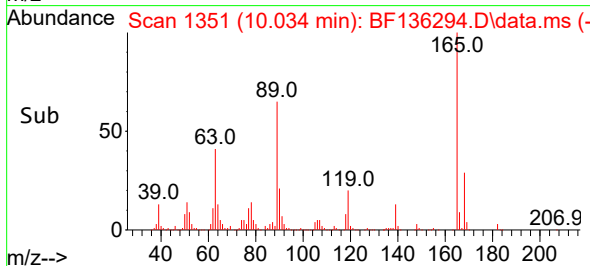


Tgt Ion:165 Resp: 190260
Ion Ratio Lower Upper
165 100
63 40.8 33.0 49.4
89 65.0 51.5 77.3
182 2.5 1.9 2.9

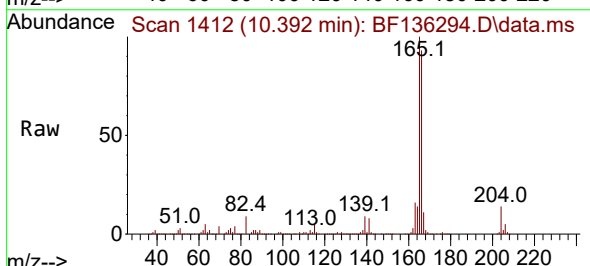
Manual Integrations

APPROVED

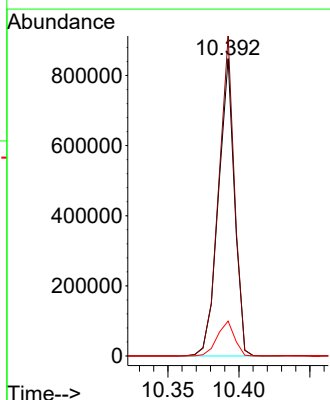
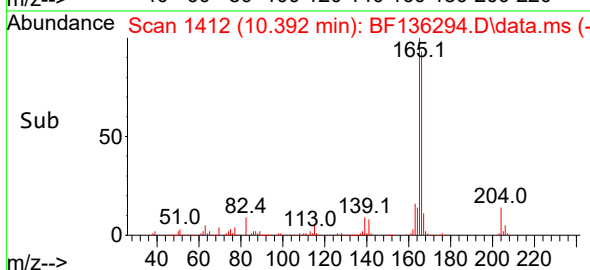
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

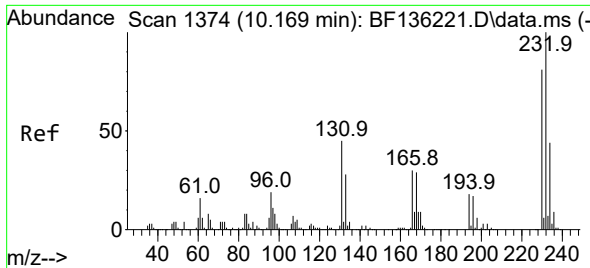


#58
Fluorene
Concen: 42.634 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50



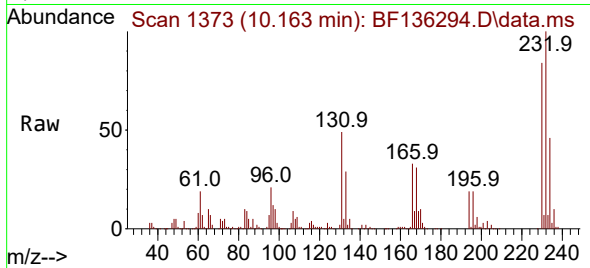
Tgt Ion:166 Resp: 669598
Ion Ratio Lower Upper
166 100
165 107.6 86.2 129.4
167 11.7 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.993 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

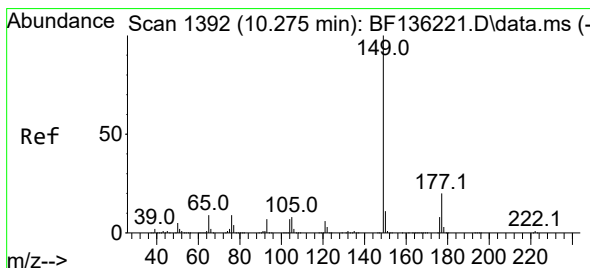
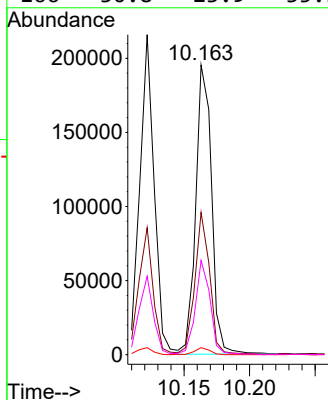
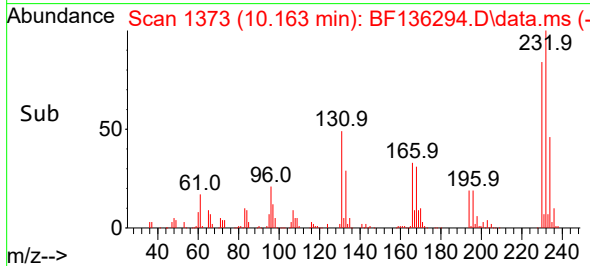
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:232 Resp: 164099
Ion Ratio Lower Upper
232 100
131 46.3 36.4 54.6
130 2.3 1.9 2.9
166 30.8 23.9 35.9

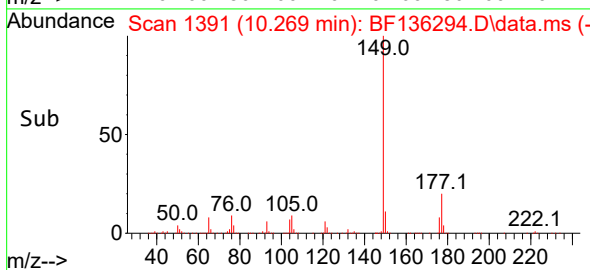
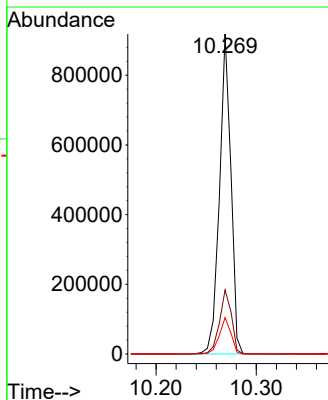
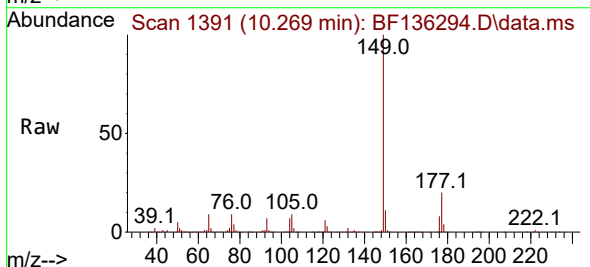
Manual Integrations
APPROVED

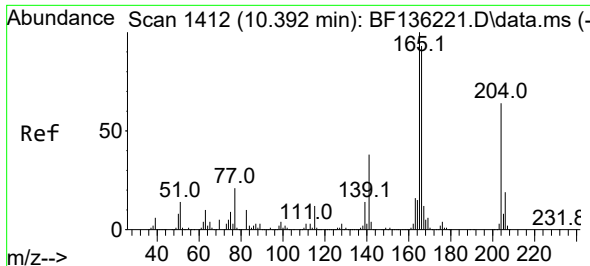
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#60
Diethylphthalate
Concen: 43.823 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

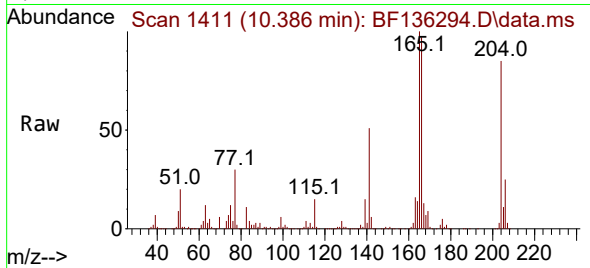
Tgt Ion:149 Resp: 721869
Ion Ratio Lower Upper
149 100
177 20.0 15.8 23.6
150 11.4 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 43.032 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

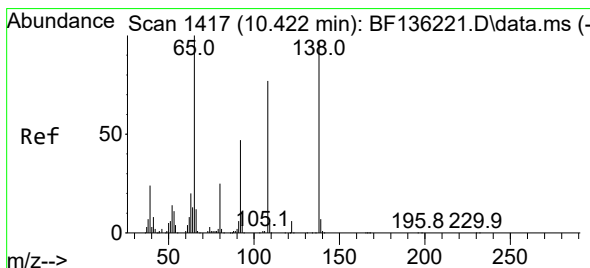
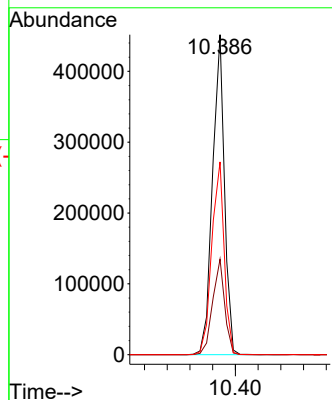
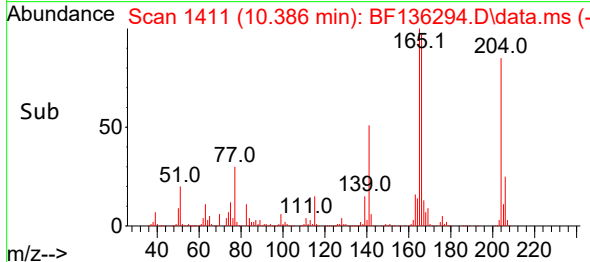
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



Tgt Ion:204 Resp: 32821
Ion Ratio Lower Upper
204 100
206 29.8 23.4 35.0
141 60.2 47.6 71.4

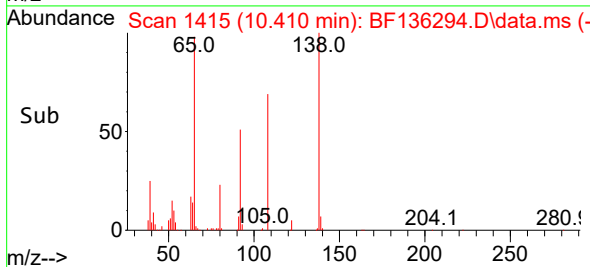
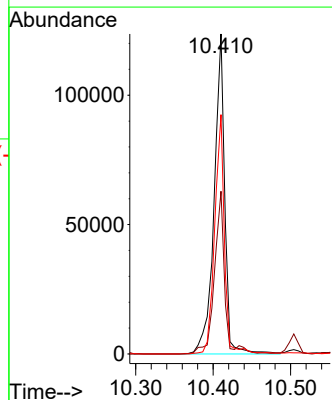
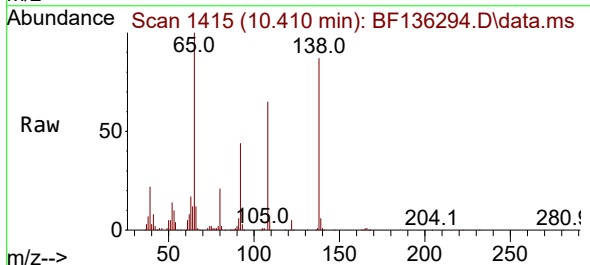
Manual Integrations
APPROVED

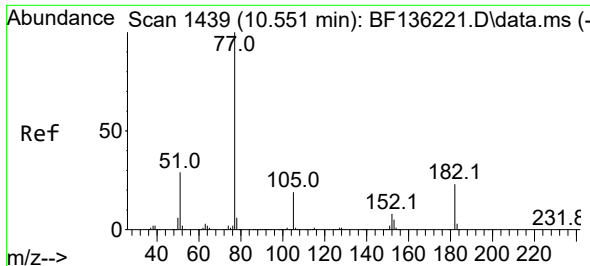
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#62
4-Nitroaniline
Concen: 36.312 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

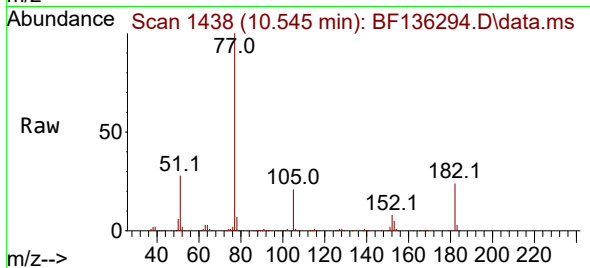
Tgt Ion:138 Resp: 118645
Ion Ratio Lower Upper
138 100
92 50.9 28.5 68.5
108 74.8 59.8 99.8





#63
Azobenzene
Concen: 41.335 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

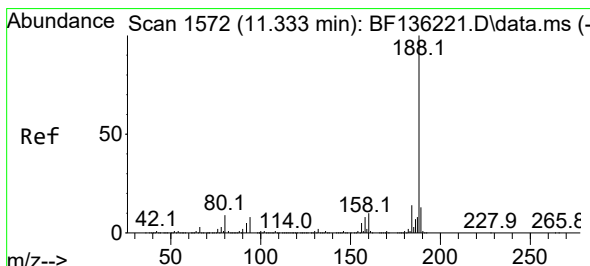
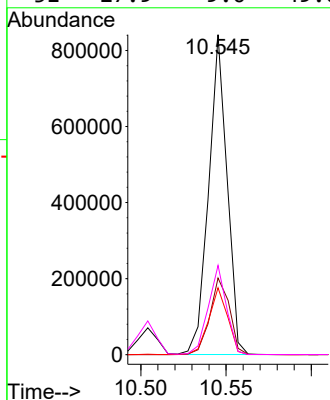
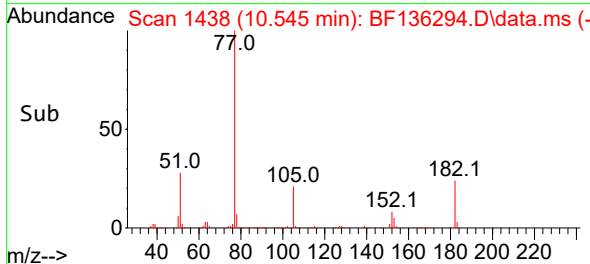
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



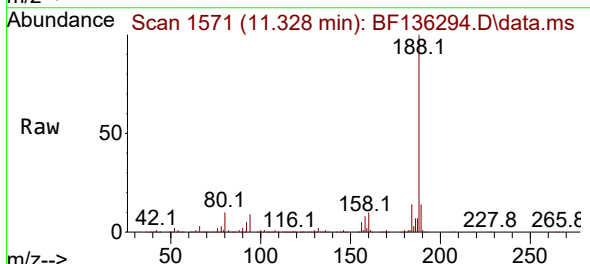
Tgt Ion: 77 Resp: 631238
Ion Ratio Lower Upper
77 100
182 23.9 3.3 43.3
105 20.9 0.0 39.5
51 27.9 9.0 49.0

Manual Integrations
APPROVED

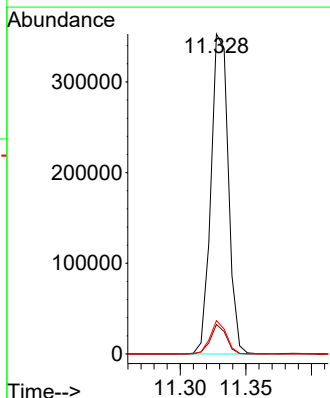
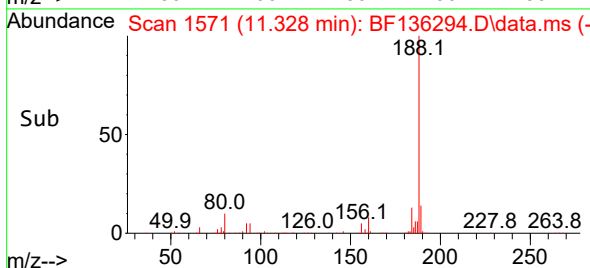
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

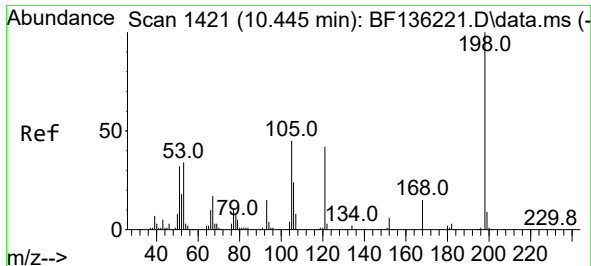


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50



Tgt Ion:188 Resp: 325723
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.4 7.2 10.8





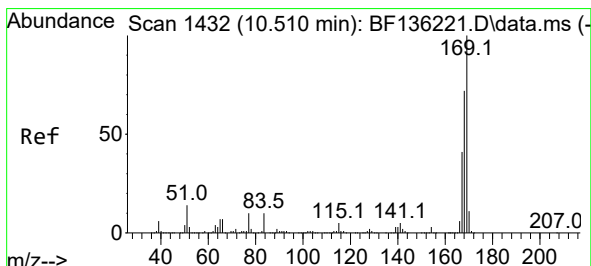
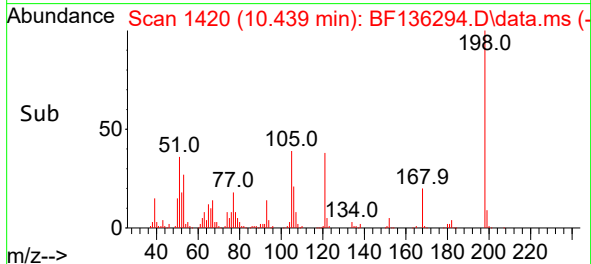
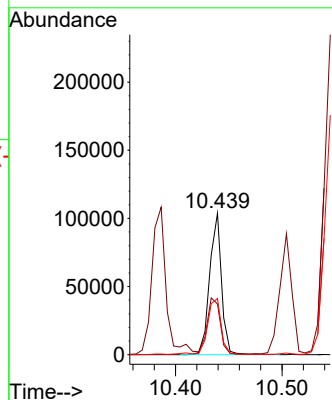
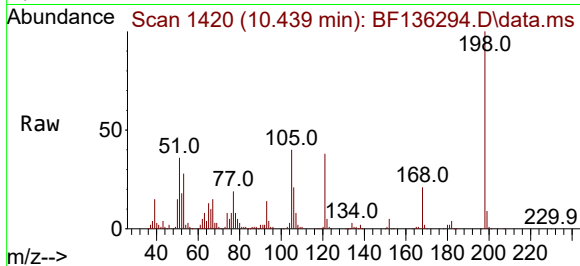
#65
4,6-Dinitro-2-methylphenol
Concen: 45.200 ng
RT: 10.439 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:198 Resp: 80510
Ion Ratio Lower Upper
198 100
51 35.9 28.2 68.2
105 39.7 25.7 65.7

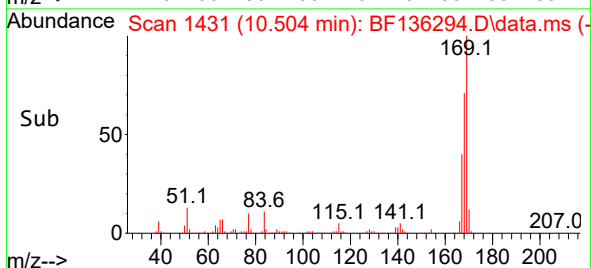
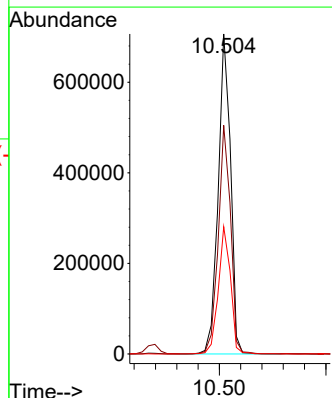
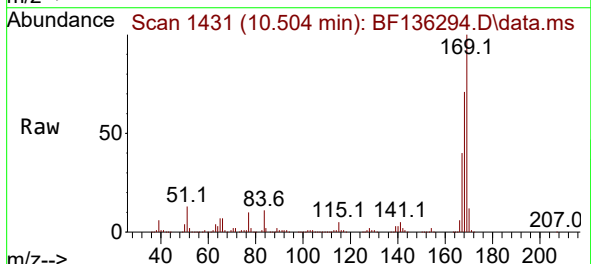
Manual Integrations
APPROVED

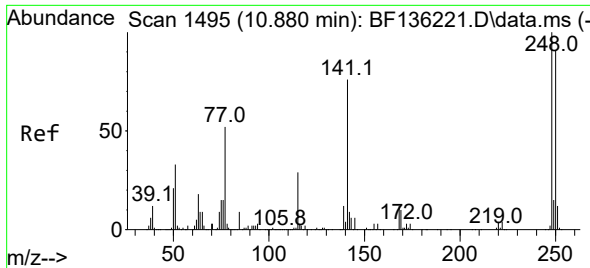
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 54.478 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

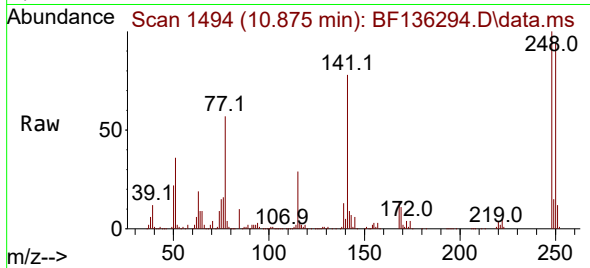
Tgt Ion:169 Resp: 568653
Ion Ratio Lower Upper
169 100
168 71.4 57.8 86.6
167 39.8 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 50.799 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

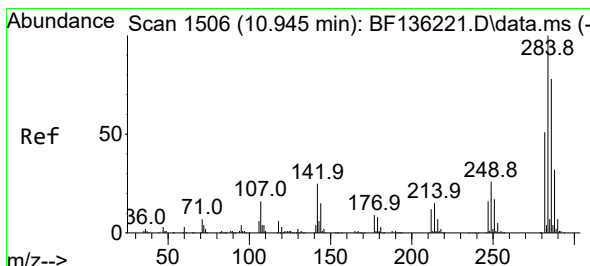
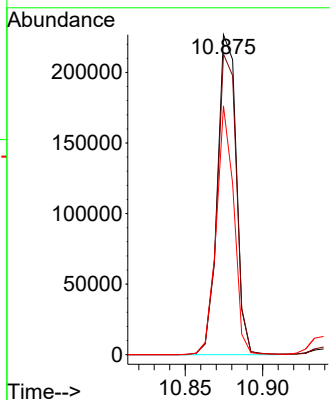
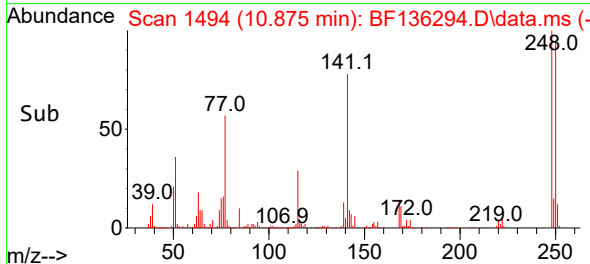
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



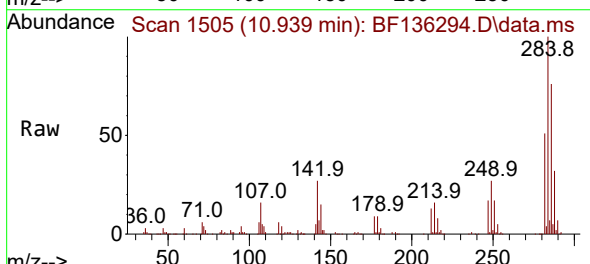
Tgt Ion:248 Resp: 19304
Ion Ratio Lower Upper
248 100
250 94.0 72.5 108.7
141 77.7 60.8 91.2

Manual Integrations
APPROVED

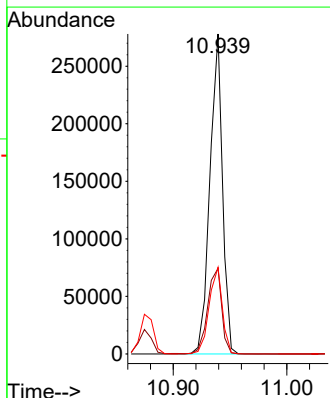
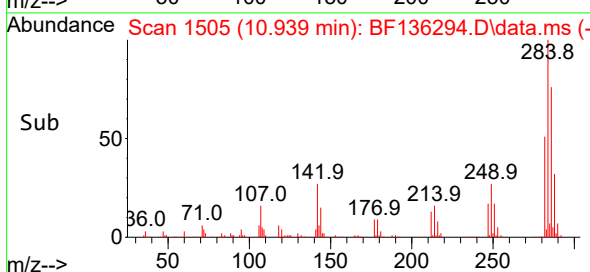
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

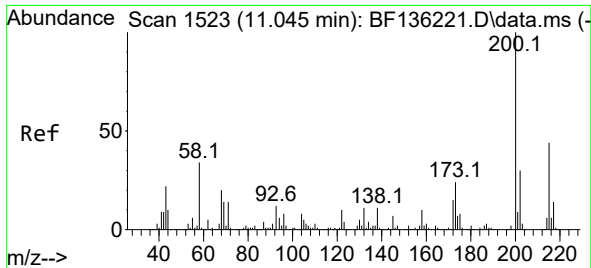


#68
Hexachlorobenzene
Concen: 48.564 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50



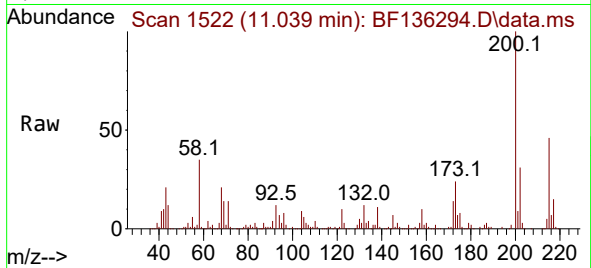
Tgt Ion:284 Resp: 213587
Ion Ratio Lower Upper
284 100
142 26.8 19.8 29.8
249 27.1 21.0 31.4





#69
 Atrazine
 Concen: 56.437 ng
 RT: 11.039 min Scan# 1522
 Delta R.T. -0.006 min
 Lab File: BF136294.D
 Acq: 29 Nov 2023 20:50

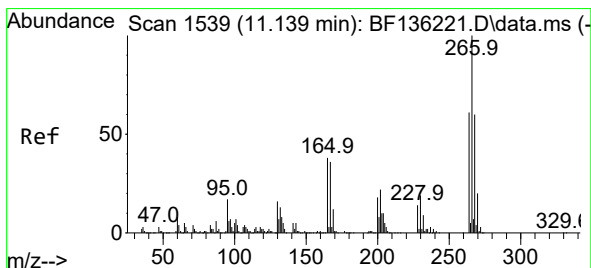
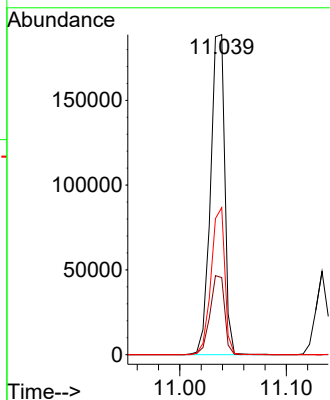
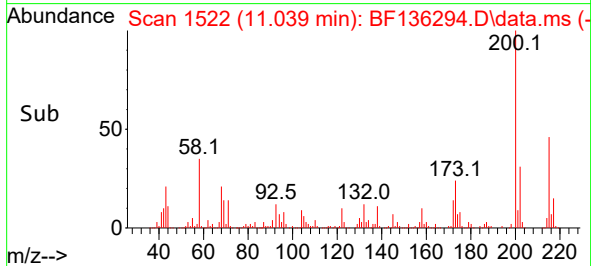
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD



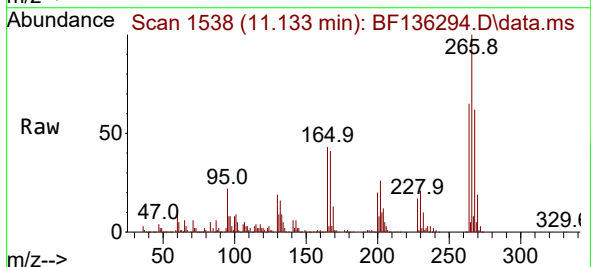
Tgt Ion:200 Resp: 174750
 Ion Ratio Lower Upper
 200 100
 173 24.1 4.3 44.3
 215 45.9 23.8 63.8

Manual Integrations
 APPROVED

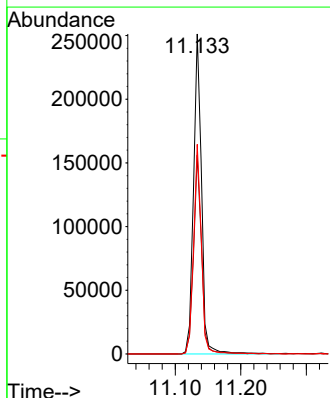
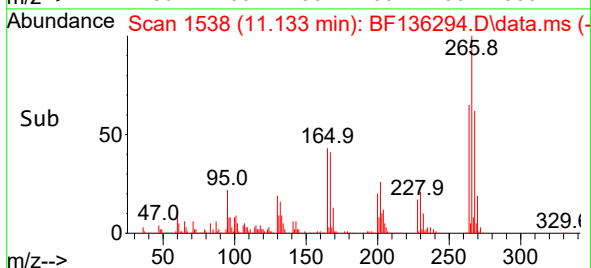
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

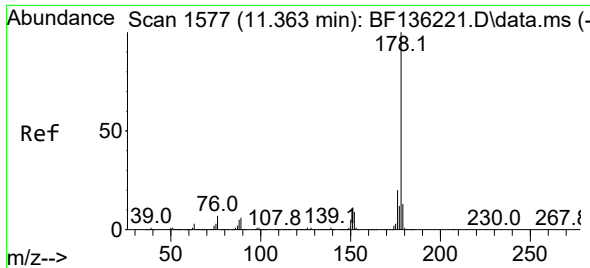


#70
 Pentachlorophenol
 Concen: 85.910 ng
 RT: 11.133 min Scan# 1538
 Delta R.T. -0.006 min
 Lab File: BF136294.D
 Acq: 29 Nov 2023 20:50



Tgt Ion:266 Resp: 213576
 Ion Ratio Lower Upper
 266 100
 268 62.2 47.9 71.9
 264 65.5 49.1 73.7





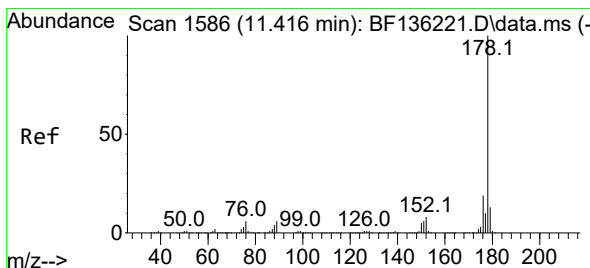
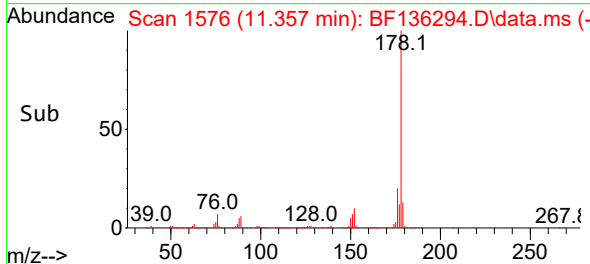
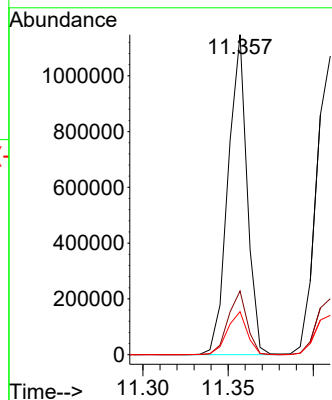
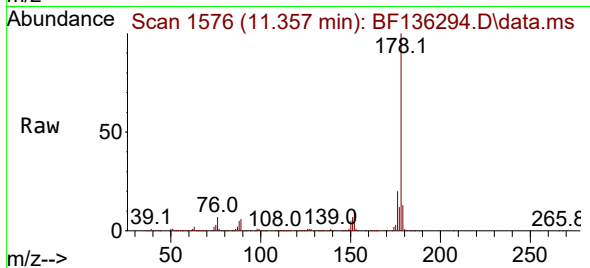
#71
Phenanthrene
Concen: 48.615 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:178 Resp: 88999
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 13.5 10.3 15.5

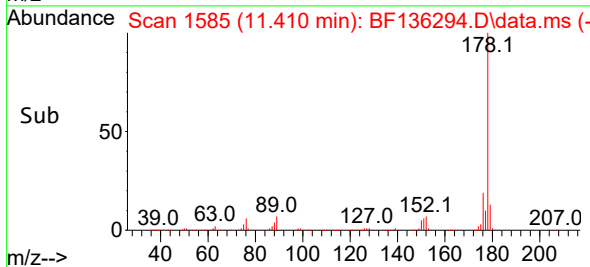
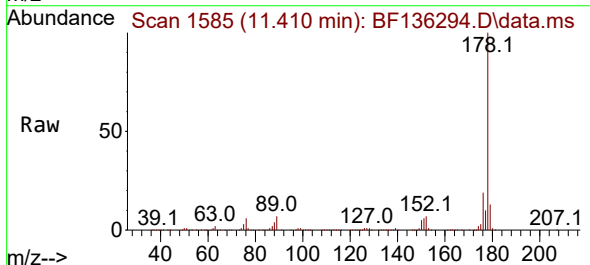
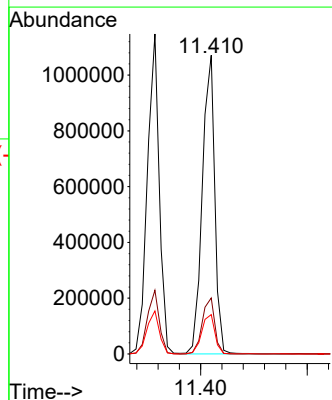
Manual Integrations
APPROVED

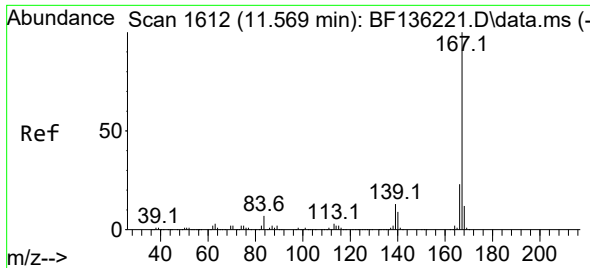
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 47.551 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

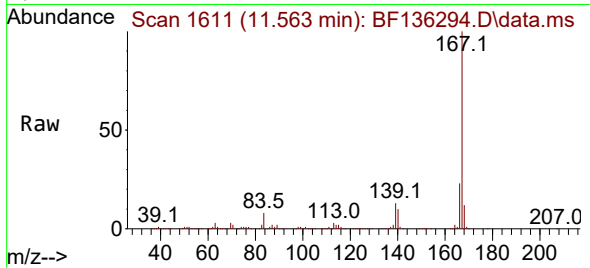
Tgt Ion:178 Resp: 872973
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 13.2 10.5 15.7





#73
 Carbazole
 Concen: 44.641 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.006 min
 Lab File: BF136294.D
 Acq: 29 Nov 2023 20:50

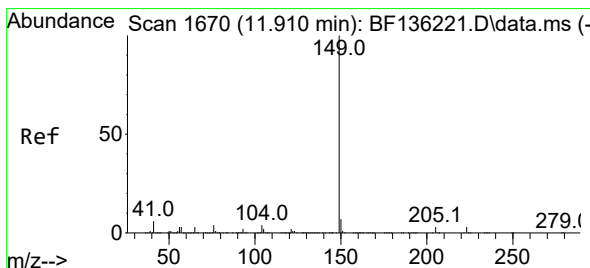
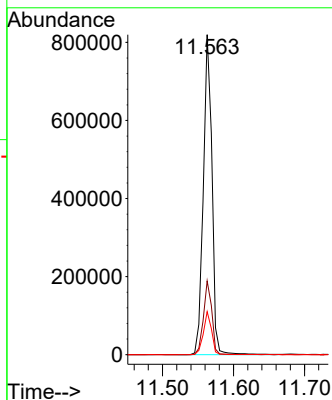
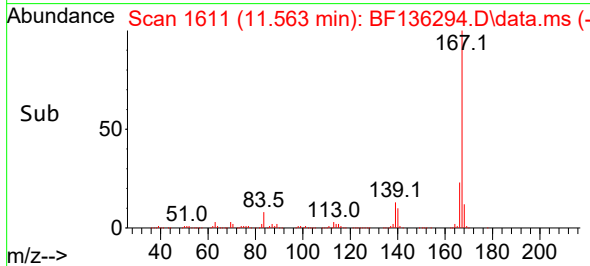
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD



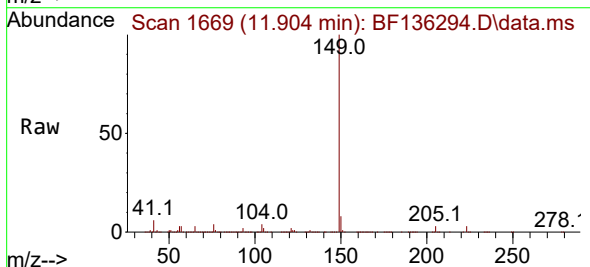
Tgt Ion:167 Resp: 697035
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.4 27.6
 139 13.5 10.5 15.7

Manual Integrations
 APPROVED

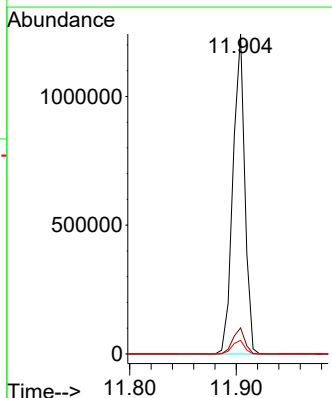
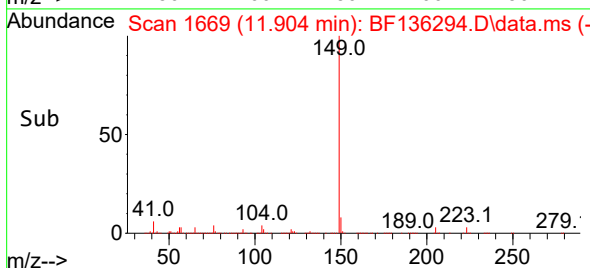
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

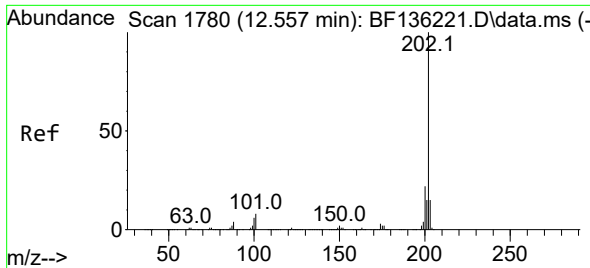


#74
 Di-n-butylphthalate
 Concen: 49.136 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136294.D
 Acq: 29 Nov 2023 20:50



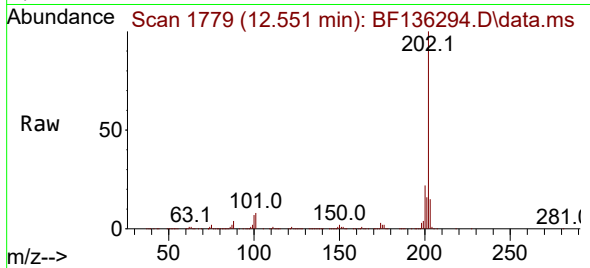
Tgt Ion:149 Resp: 959967
 Ion Ratio Lower Upper
 149 100
 150 8.1 6.0 9.0
 104 4.3 3.5 5.3





#75
Fluoranthene
Concen: 46.136 ng
RT: 12.551 min Scan# 1780
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

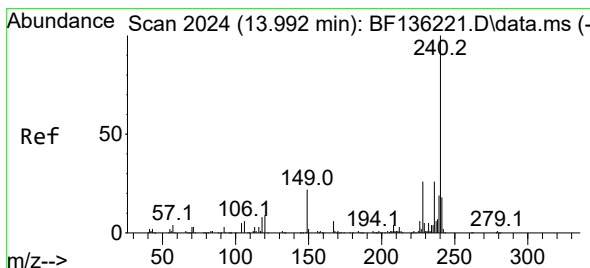
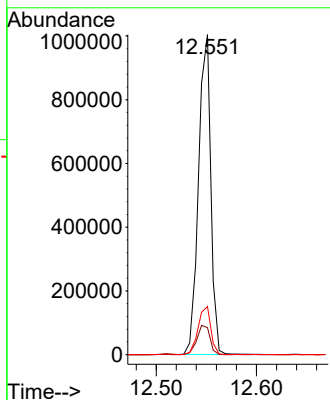
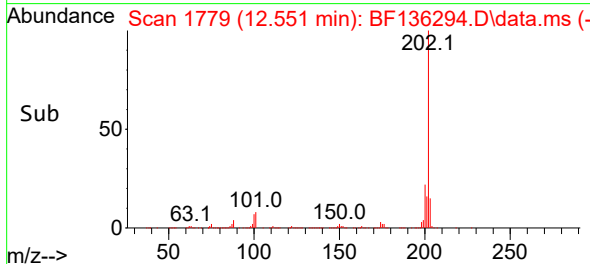
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



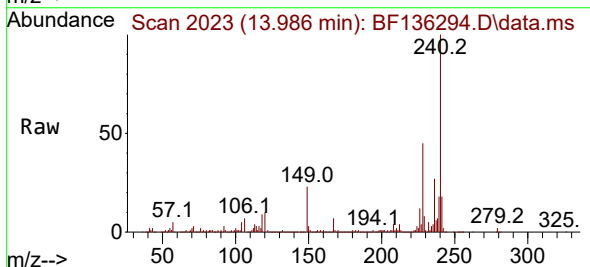
Tgt Ion:202 Resp: 85742
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.8
203 15.1 0.0 34.5

Manual Integrations
APPROVED

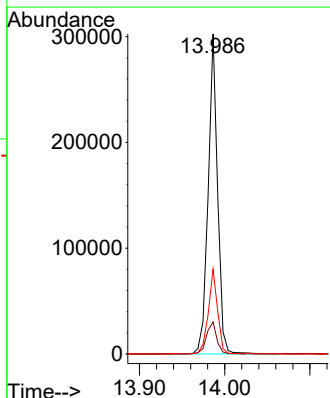
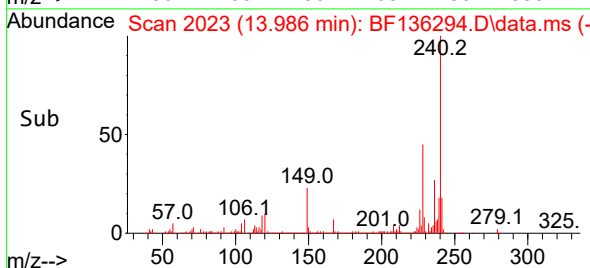
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

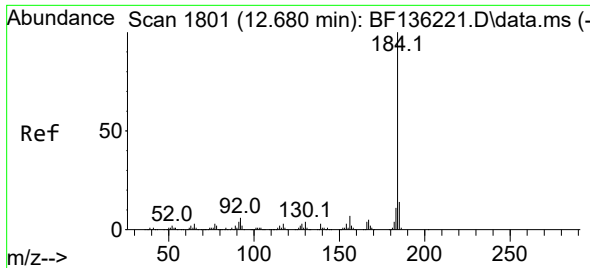


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50



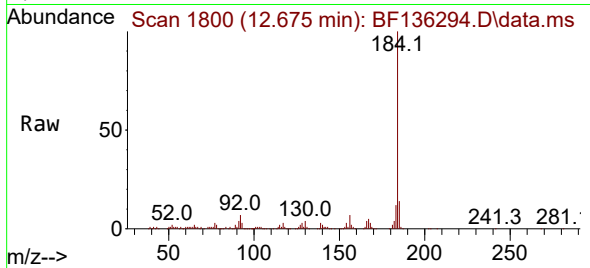
Tgt Ion:240 Resp: 232241
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.2
236 26.5 21.1 31.7





#77
Benzidine
Concen: 36.119 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.005 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

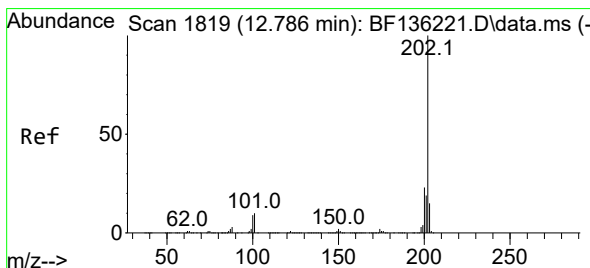
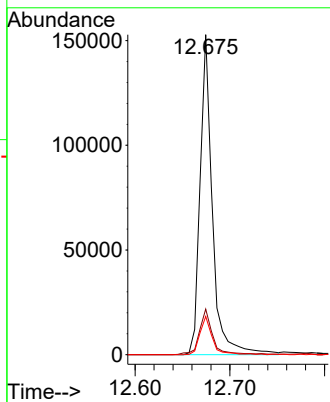
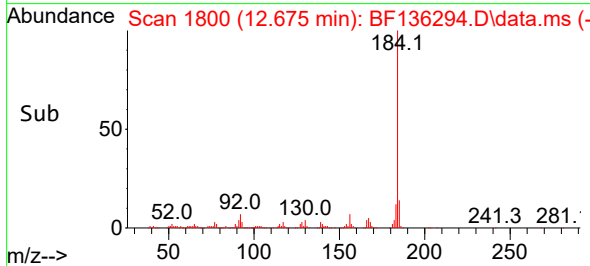
Instrument :
BNA_F
ClientSampleId :
TP-2MSD



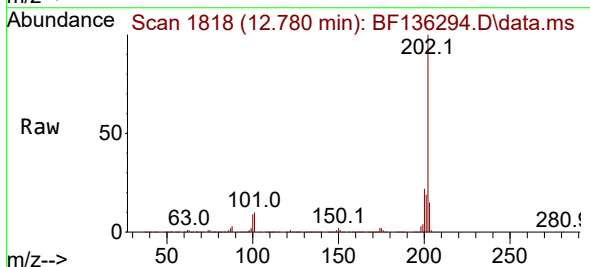
Tgt Ion:184 Resp: 137890
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.6
183 12.0 9.0 13.4

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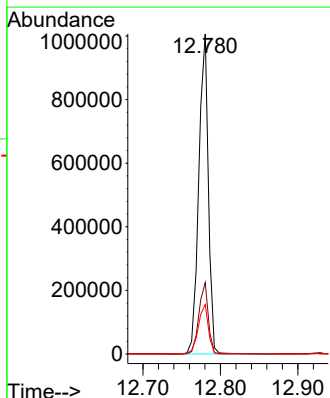
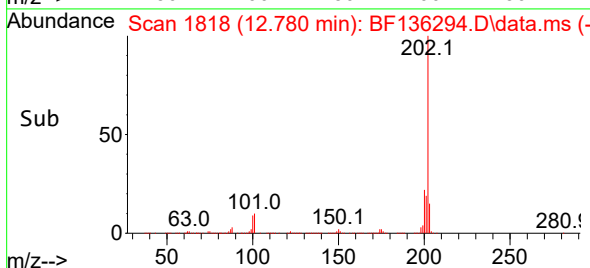
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

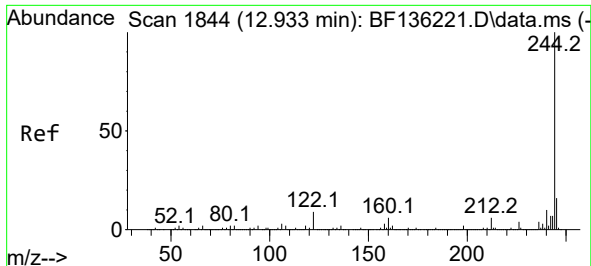


#78
Pyrene
Concen: 33.891 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50



Tgt Ion:202 Resp: 862007
Ion Ratio Lower Upper
202 100
200 22.3 18.4 27.6
203 15.5 11.8 17.6





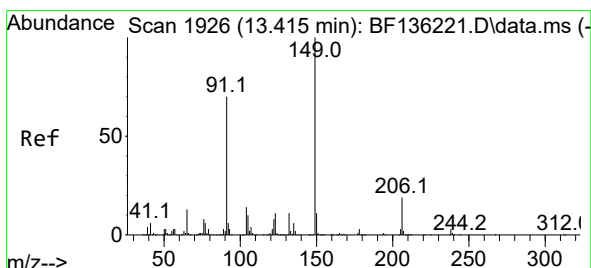
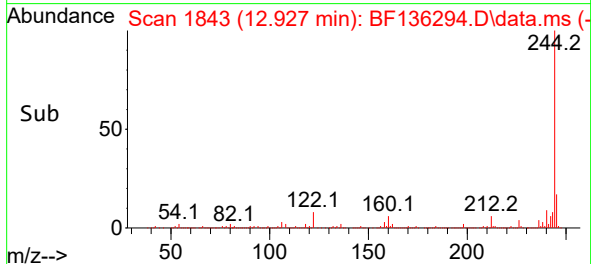
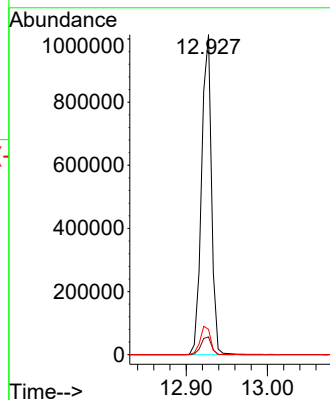
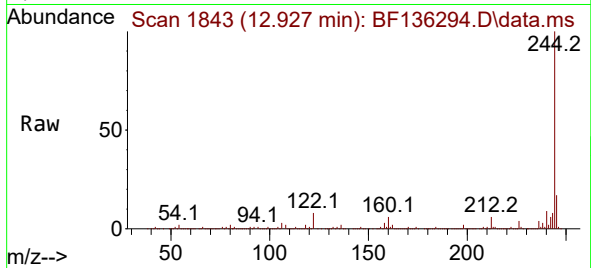
#79
 Terphenyl-d14
 Concen: 42.846 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136294.D
 Acq: 29 Nov 2023 20:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tgt Ion:244 Resp: 862654
 Ion Ratio Lower Upper
 244 100
 212 5.5 4.6 7.0
 122 7.9 7.3 10.9

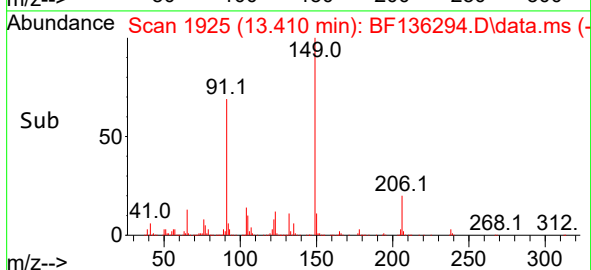
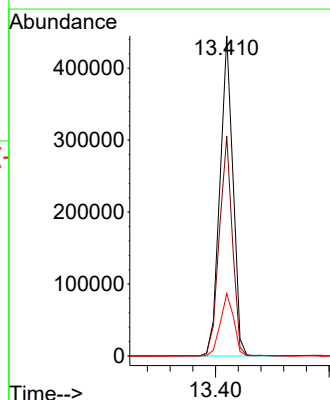
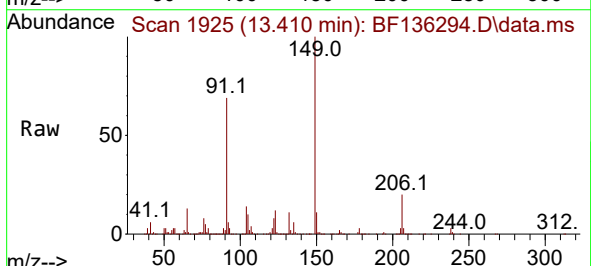
Manual Integrations
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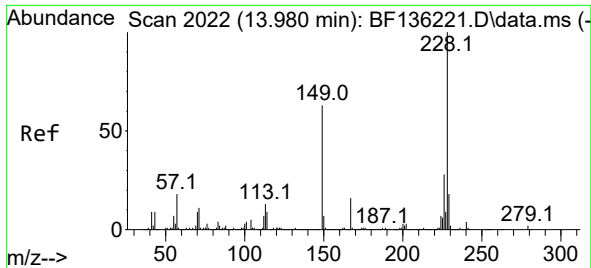
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023



#80
 Butylbenzylphthalate
 Concen: 44.864 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136294.D
 Acq: 29 Nov 2023 20:50

Tgt Ion:149 Resp: 355135
 Ion Ratio Lower Upper
 149 100
 91 68.7 56.4 84.6
 206 19.6 14.8 22.2





#81
Benzo(a)anthracene
Concen: 47.046 ng
RT: 13.974 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

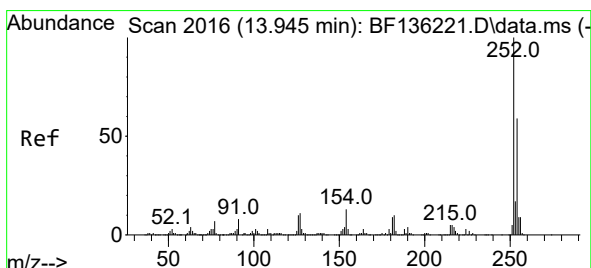
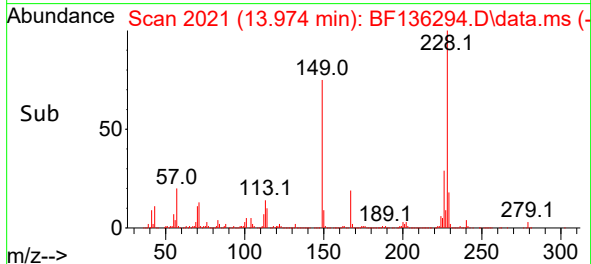
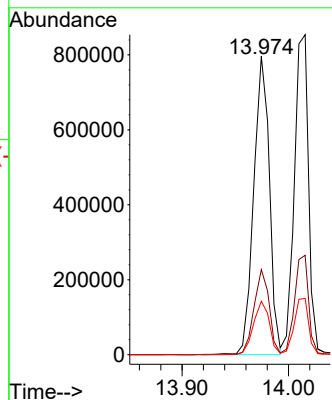
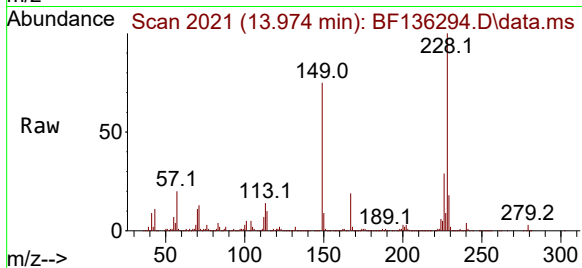
TP-2MSD

Tgt Ion:228 Resp: 81154
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 17.9 14.0 21.0

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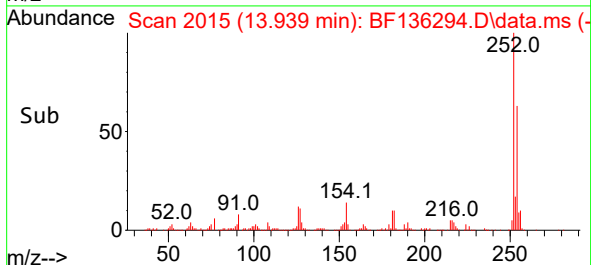
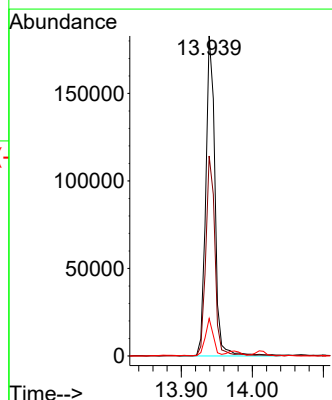
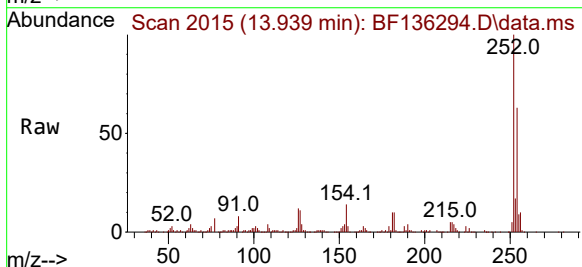
APPROVED

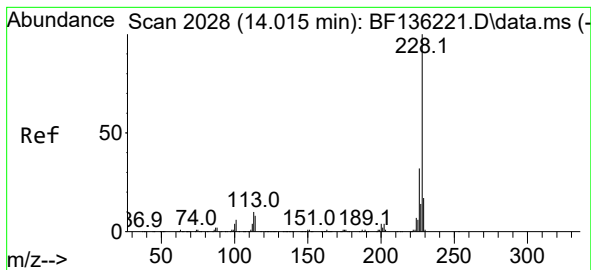
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#82
3,3'-Dichlorobenzidine
Concen: 39.823 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Tgt Ion:252 Resp: 165361
Ion Ratio Lower Upper
252 100
254 62.5 47.4 71.2
126 11.7 8.3 12.5





#83

Chrysene

Concen: 48.108 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion:228 Resp: 80126

Ion Ratio Lower Upper

228 100

226 31.1 25.5 38.3

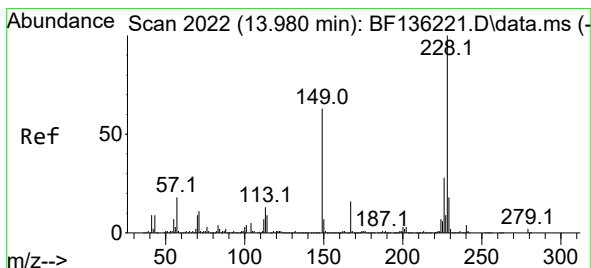
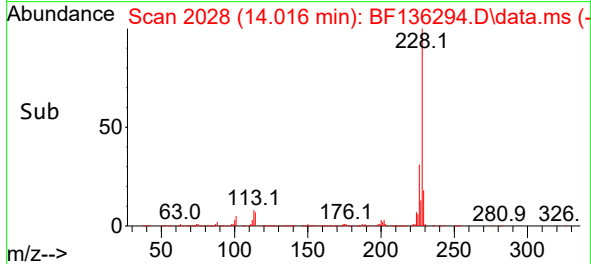
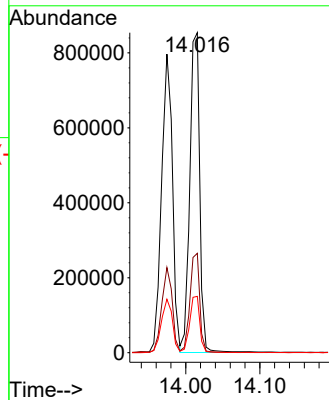
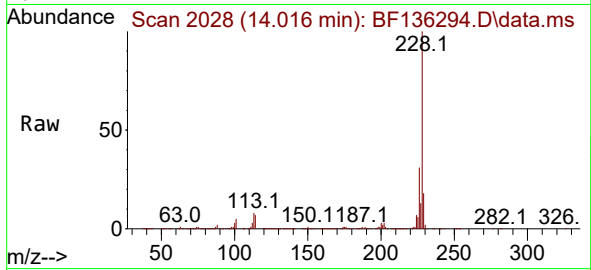
229 17.6 13.9 20.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.298 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

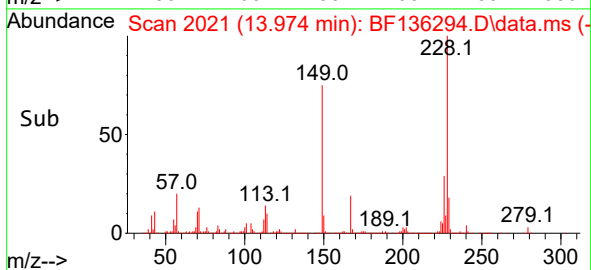
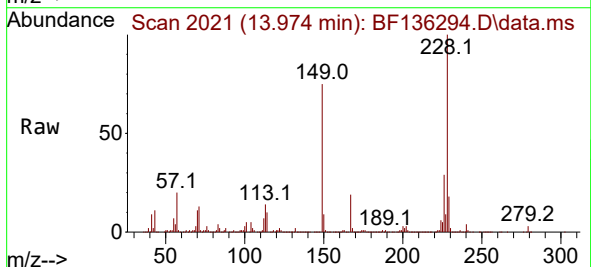
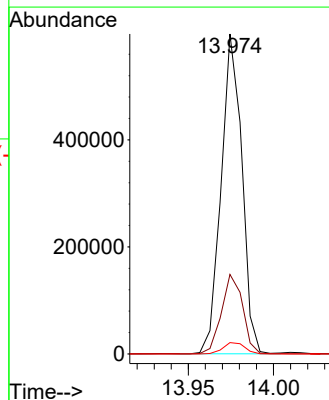
Tgt Ion:149 Resp: 506327

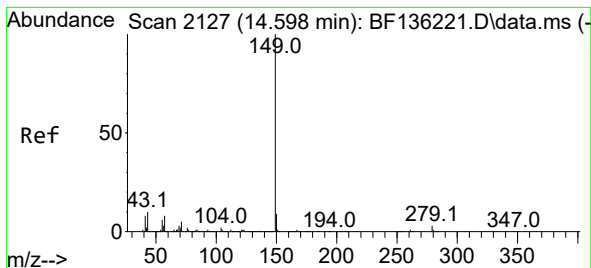
Ion Ratio Lower Upper

149 100

167 24.8 20.2 30.2

279 3.6 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 62.381 ng

RT: 14.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion:149 Resp: 989210

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

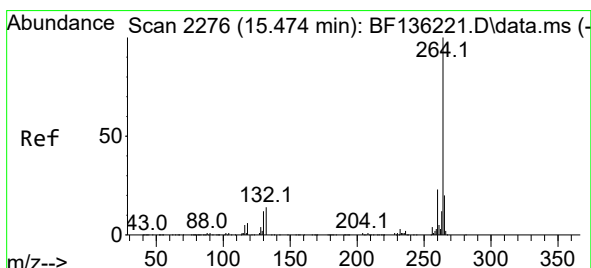
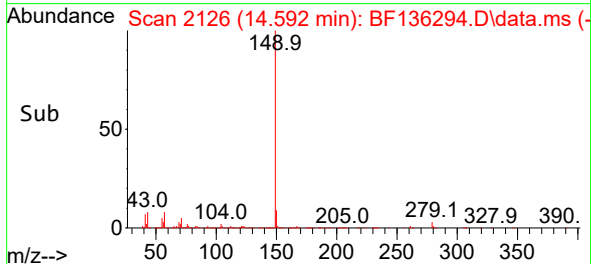
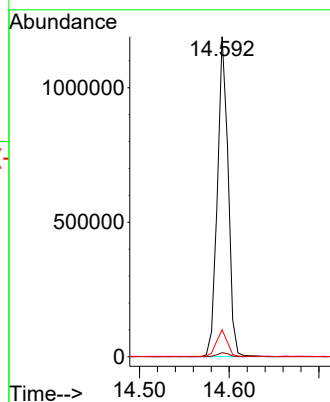
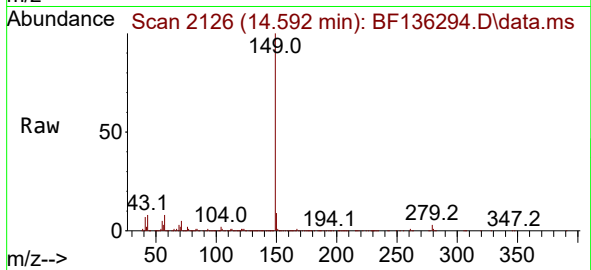
43 8.4 7.2 10.8

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: BF136294.D

Acq: 29 Nov 2023 20:50

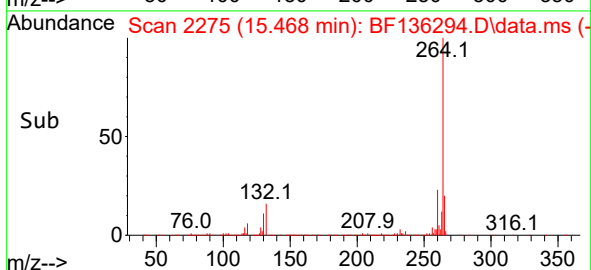
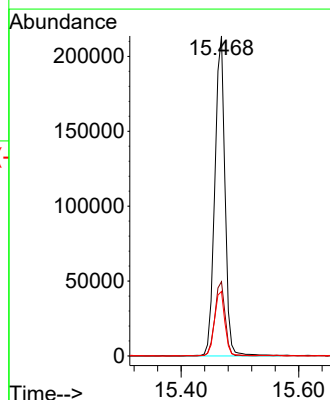
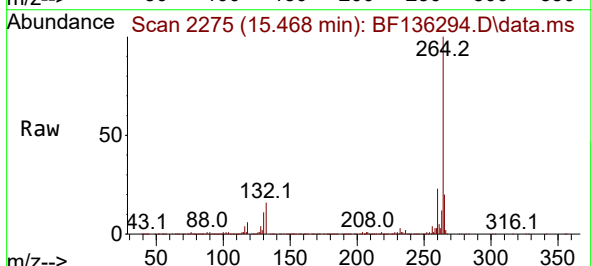
Tgt Ion:264 Resp: 256139

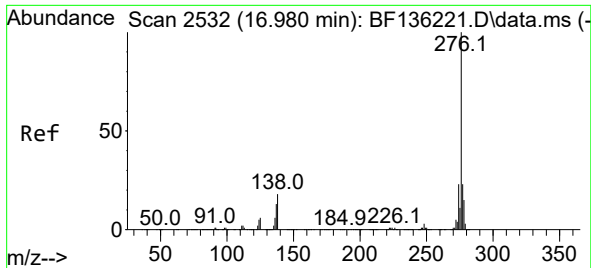
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 20.1 15.7 23.5





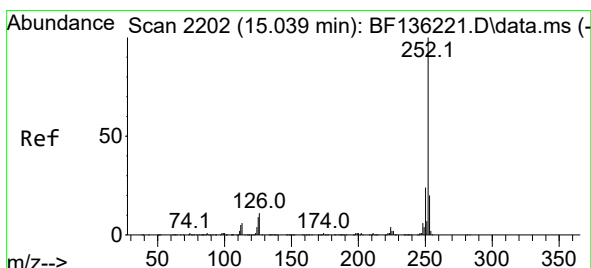
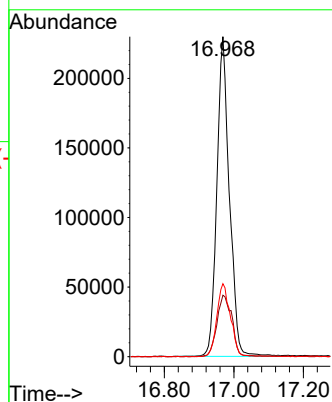
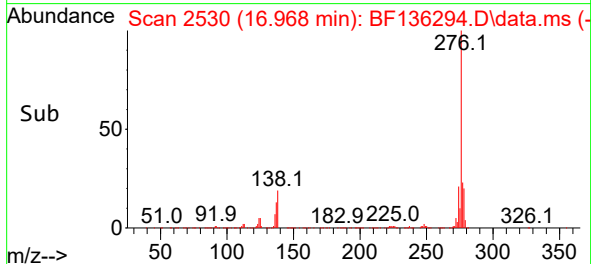
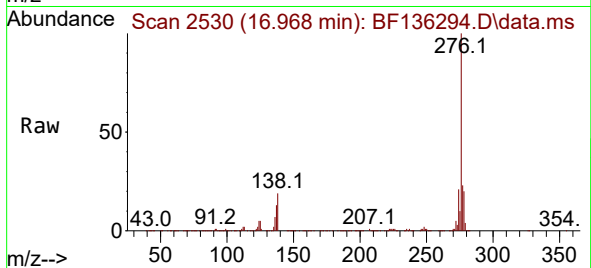
#87
Indeno(1,2,3-cd)pyrene
Concen: 30.994 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:276 Resp: 57415
Ion Ratio Lower Upper
276 100
138 23.3 17.7 26.5
277 24.8 19.6 29.4

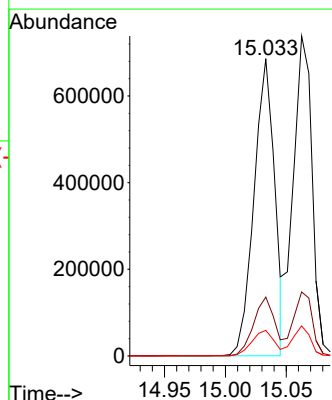
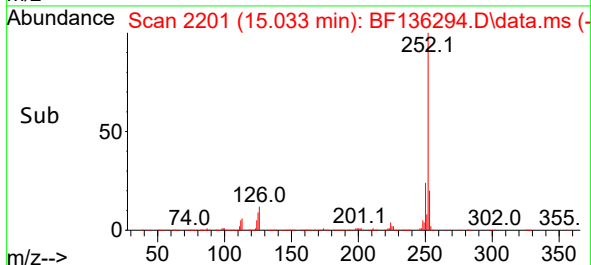
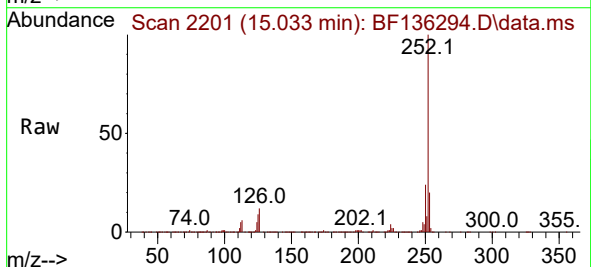
Manual Integrations
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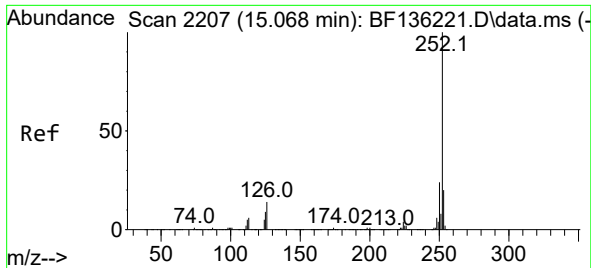
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#88
Benzo(b)fluoranthene
Concen: 44.982 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Tgt Ion:252 Resp: 808342
Ion Ratio Lower Upper
252 100
253 19.8 16.2 24.2
125 8.6 6.9 10.3





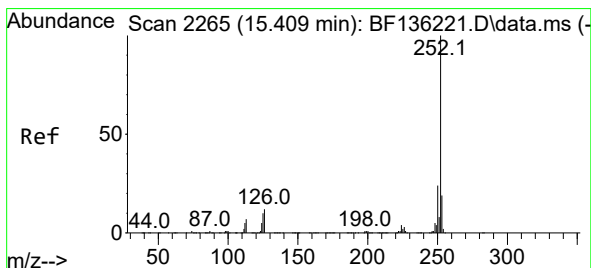
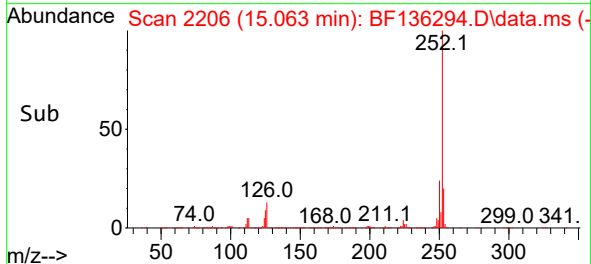
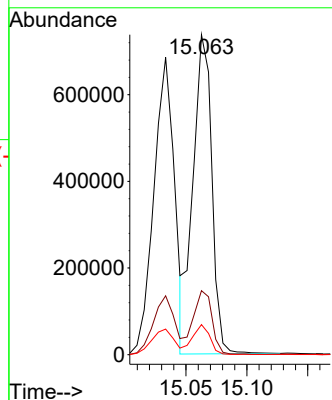
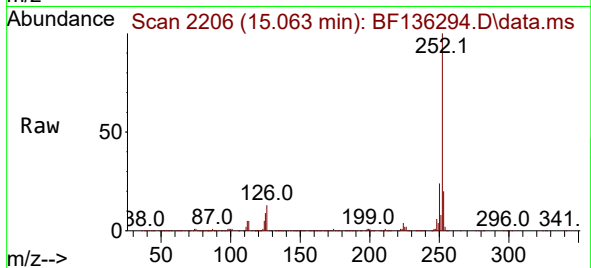
#89
Benzo(k)fluoranthene
Concen: 46.365 ng
RT: 15.063 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tgt Ion:252 Resp: 791335
Ion Ratio Lower Upper
252 100
253 20.0 15.6 23.4
125 9.4 7.0 10.4

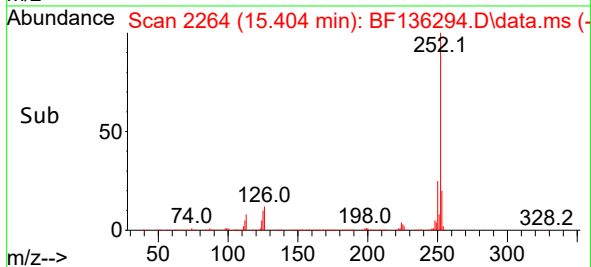
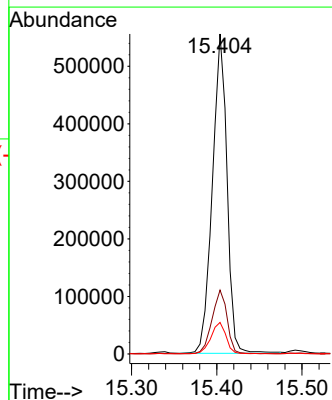
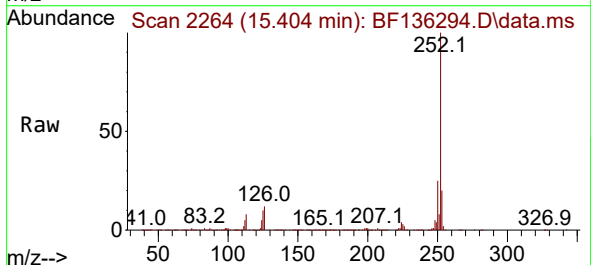
Manual Integrations
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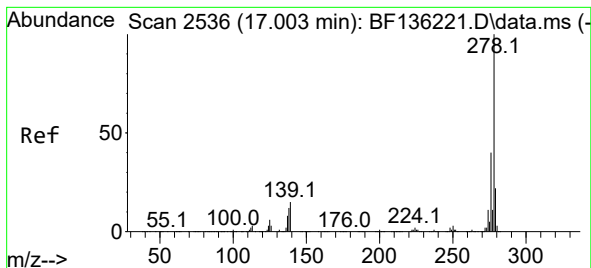
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#90
Benzo(a)pyrene
Concen: 45.108 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.005 min
Lab File: BF136294.D
Acq: 29 Nov 2023 20:50

Tgt Ion:252 Resp: 662649
Ion Ratio Lower Upper
252 100
253 20.0 15.5 23.3
125 9.8 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 31.589 ng

RT: 16.992 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tgt Ion:278 Resp: 470300

Ion Ratio Lower Upper

278 100

139 15.7 11.7 17.5

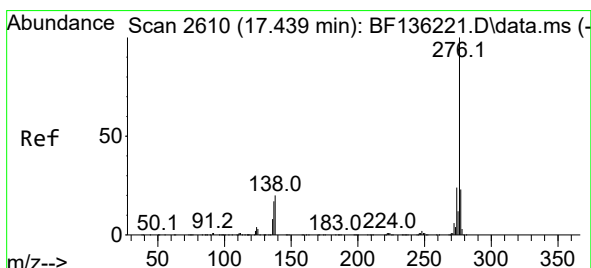
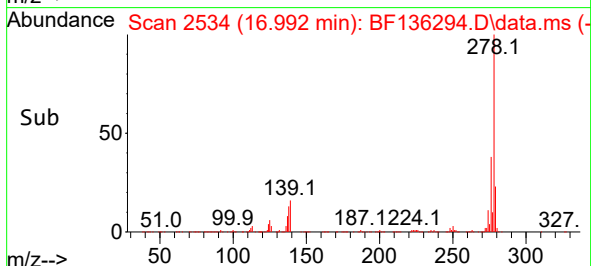
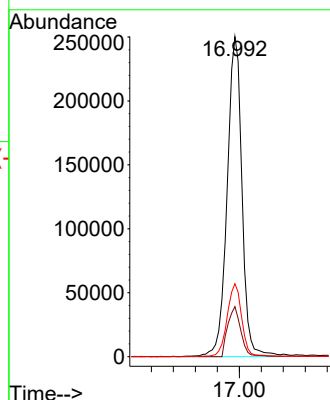
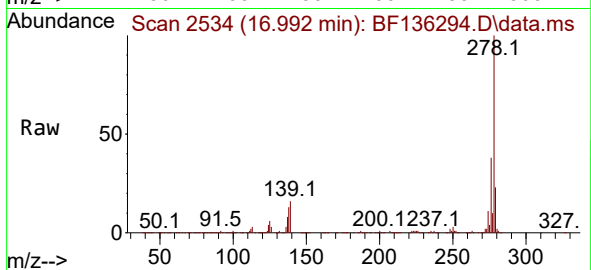
279 22.8 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#92

Benzo(g,h,i)perylene

Concen: 28.037 ng

RT: 17.427 min Scan# 2608

Delta R.T. -0.012 min

Lab File: BF136294.D

Acq: 29 Nov 2023 20:50

Tgt Ion:276 Resp: 419623

Ion Ratio Lower Upper

276 100

277 22.7 18.6 27.8

138 18.8 15.8 23.8

