

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136297.D
 Acq On : 29 Nov 2023 22:26
 Operator : CG\JU
 Sample : 05540-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-11222023MSD

Quant Time: Nov 29 23:51:20 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	125824	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	484122	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	198802	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	299364	20.000	ng	0.00
76) Chrysene-d12	13.986	240	238806	20.000	ng	0.00
86) Perylene-d12	15.468	264	237542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	794520	87.889	ng	0.00
7) Phenol-d6	6.446	99	965220	85.392	ng	0.00
23) Nitrobenzene-d5	7.369	82	582749	63.609	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	205369	84.496	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1056251	67.864	ng	0.00
79) Terphenyl-d14	12.927	244	883617	42.681	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	118487	34.640	ng	98
3) Pyridine	3.393	79	294336	34.859	ng	96
4) n-Nitrosodimethylamine	3.357	42	163615	38.334	ng	94
6) Aniline	6.469	93	330561	30.941	ng	98
8) 2-Chlorophenol	6.593	128	418291	42.496	ng	94
9) Benzaldehyde	6.357	77	41924	6.655	ng	97
10) Phenol	6.457	94	502227	41.415	ng	94
11) bis(2-Chloroethyl)ether	6.546	93	374937	42.146	ng	99
12) 1,3-Dichlorobenzene	6.746	146	442979	39.656	ng	97
13) 1,4-Dichlorobenzene	6.822	146	457559	40.293	ng	98
14) 1,2-Dichlorobenzene	6.975	146	424376	39.475	ng	98
15) Benzyl Alcohol	6.951	79	328119	41.403	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	504013	40.788	ng	98
17) 2-Methylphenol	7.063	107	319681	41.311	ng	97
18) Hexachloroethane	7.316	117	157915	39.646	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	275341	40.729	ng	96
20) 3+4-Methylphenols	7.210	107	396682	39.442	ng	95
22) Acetophenone	7.216	105	584183	45.946	ng	# 94
24) Nitrobenzene	7.387	77	395141	42.561	ng	96
25) Isophorone	7.628	82	734007	44.433	ng	96
26) 2-Nitrophenol	7.698	139	200418	50.665	ng	97
27) 2,4-Dimethylphenol	7.740	122	284673	54.676	ng	98
28) bis(2-Chloroethoxy)met...	7.840	93	454631	45.498	ng	98
29) 2,4-Dichlorophenol	7.940	162	316828	45.115	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	375163	43.633	ng	99
31) Naphthalene	8.104	128	1183248	43.483	ng	98
32) Benzoic acid	7.863	122	220774m	46.526	ng	
33) 4-Chloroaniline	8.151	127	121308	13.115	ng	98
34) Hexachlorobutadiene	8.222	225	213037	42.351	ng	98
35) Caprolactam	8.528	113	87401m	44.519	ng	
36) 4-Chloro-3-methylphenol	8.640	107	307431	40.363	ng	97
37) 2-Methylnaphthalene	8.798	142	704712	41.285	ng	99
38) 1-Methylnaphthalene	8.898	142	671591	40.332	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	329352	52.056	ng	99
41) Hexachlorocyclopentadiene	8.951	237	250024	102.701	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	204246	49.736	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	207732	46.353	ng	97
46) 1,1'-Biphenyl	9.263	154	896793	51.154	ng	97
47) 2-Chloronaphthalene	9.287	162	658458	48.364	ng	98
48) 2-Nitroaniline	9.387	65	171534	48.258	ng	# 81
49) Acenaphthylene	9.704	152	986361	50.768	ng	99
50) Dimethylphthalate	9.569	163	744973	49.579	ng	100
51) 2,6-Dinitrotoluene	9.628	165	146152	47.612	ng	98
52) Acenaphthene	9.875	154	572579	46.634	ng	99
53) 3-Nitroaniline	9.792	138	96309	31.620	ng	99
54) 2,4-Dinitrophenol	9.904	184	115218	80.704	ng	# 87
55) Dibenzofuran	10.045	168	844747	46.236	ng	99
56) 4-Nitrophenol	9.957	139	201027	86.900	ng	94
57) 2,4-Dinitrotoluene	10.034	165	180078	43.918	ng	97
58) Fluorene	10.392	166	630407	43.989	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.163	232	154570	43.349	ng	100
60) Diethylphthalate	10.269	149	679160	45.185	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	305503	43.897	ng	99
62) 4-Nitroaniline	10.410	138	115304	38.675	ng	96
63) Azobenzene	10.545	77	588120	42.206	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	75161	45.912	ng	85
66) n-Nitrosodiphenylamine	10.504	169	526142	54.843	ng	98
67) 4-Bromophenyl-phenylether	10.875	248	176400	50.507	ng	97
68) Hexachlorobenzene	10.939	284	195058	48.256	ng	97
69) Atrazine	11.039	200	162944	57.256	ng	97
70) Pentachlorophenol	11.133	266	212882	93.170	ng	97
71) Phenanthrene	11.357	178	900962	53.547	ng	99
72) Anthracene	11.410	178	846641	50.177	ng	99
73) Carbazole	11.563	167	693146	48.301	ng	99
74) Di-n-butylphthalate	11.904	149	918823	51.171	ng	99
75) Fluoranthene	12.551	202	962656	56.359	ng	98
77) Benzidine	12.675	184	255171	65.003	ng	98
78) Pyrene	12.780	202	990571	37.875	ng	98
80) Butylbenzylphthalate	13.410	149	374563	46.018	ng	99
81) Benzo(a)anthracene	13.974	228	890864	50.224	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	234573	54.938	ng	97
83) Chrysene	14.016	228	867745	50.667	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	534818	54.749	ng	100
85) Di-n-octyl phthalate	14.592	149	1038890	63.602	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	563932	32.667	ng	100
88) Benzo(b)fluoranthene	15.033	252	901613	54.100	ng	100
89) Benzo(k)fluoranthene	15.063	252	721965	45.612	ng	99
90) Benzo(a)pyrene	15.404	252	663770	48.722	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	454565	32.808	ng	100
92) Benzo(g,h,i)perylene	17.427	276	421934	30.238	ng	98

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

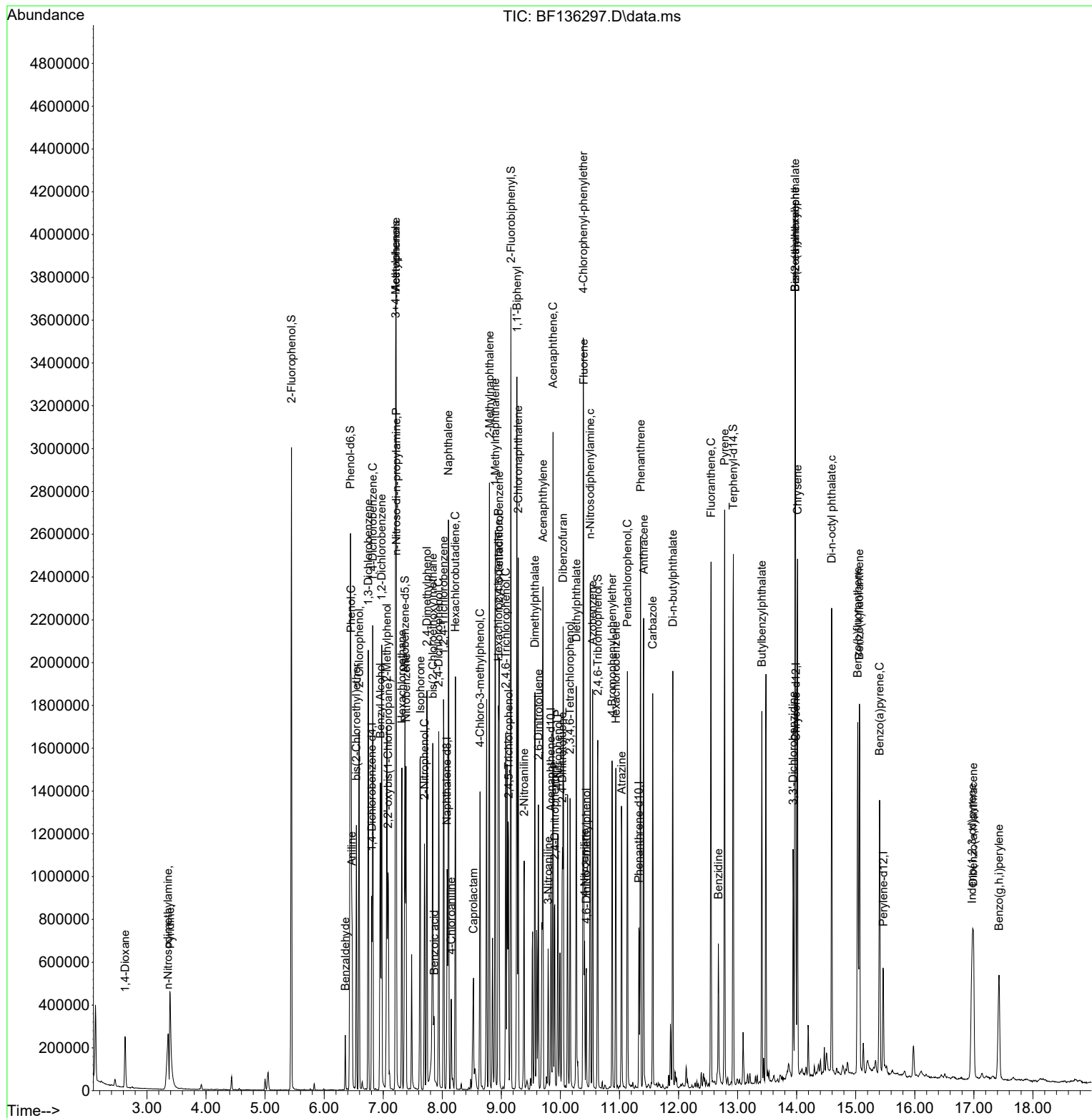
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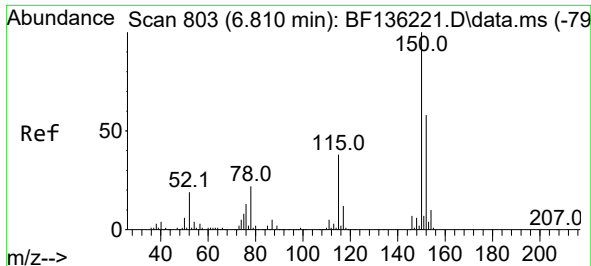
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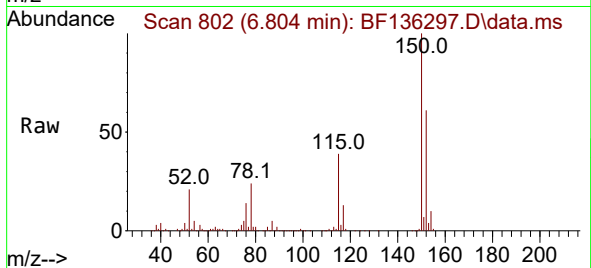
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136297.D
 Acq: 29 Nov 2023 22:26

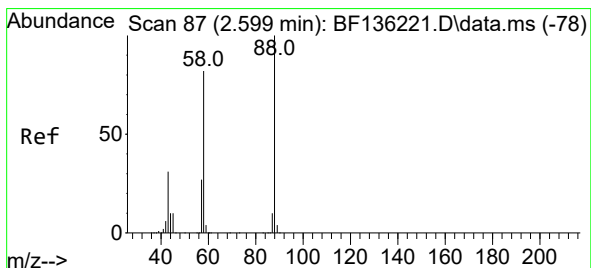
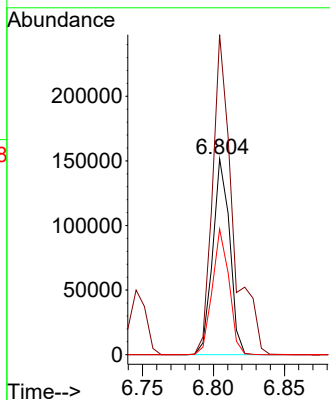
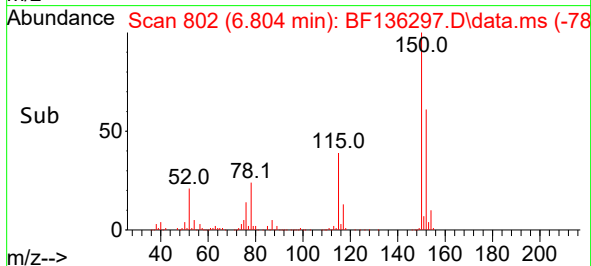
Instrument :
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 ClientSampleId :
 TR-06-11222023MSD



Tgt Ion:152 Resp: 125824
 Ion Ratio Lower Upper
 152 100
 150 163.4 137.8 206.8
 115 64.1 52.7 79.1

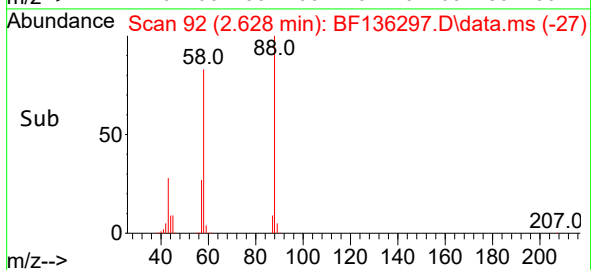
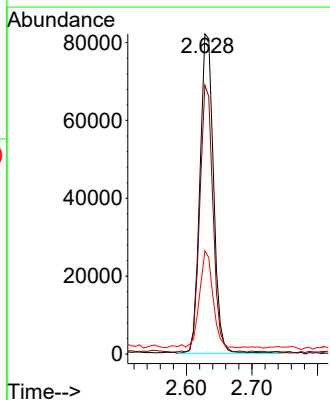
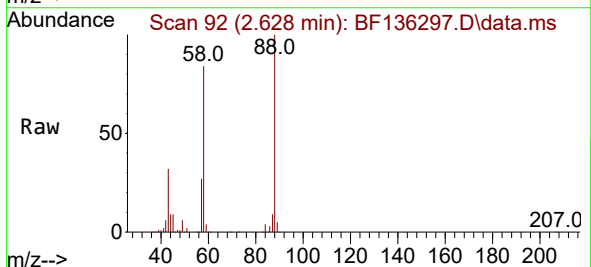
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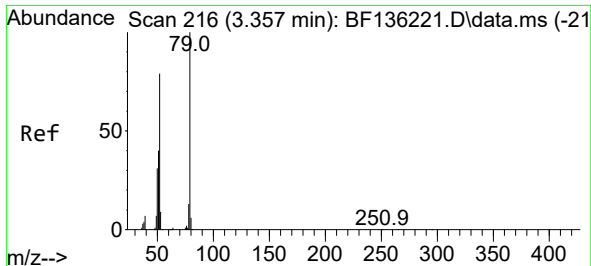
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#2
 1,4-Dioxane
 Concen: 34.640 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.030 min
 Lab File: BF136297.D
 Acq: 29 Nov 2023 22:26

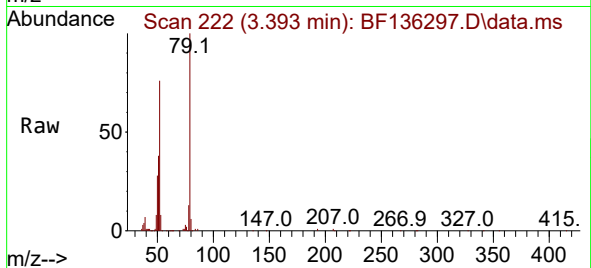
Tgt Ion: 88 Resp: 118487
 Ion Ratio Lower Upper
 88 100
 58 80.9 65.9 98.9
 43 29.7 24.8 37.2





#3
Pyridine
Concen: 34.859 ng
RT: 3.393 min Scan# 216
Delta R.T. 0.035 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

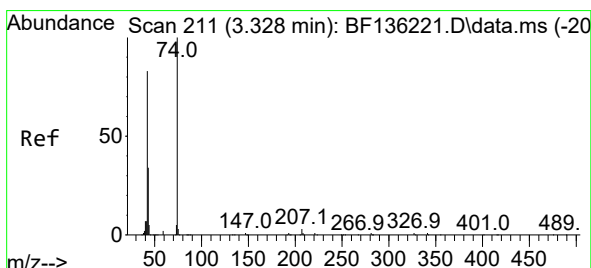
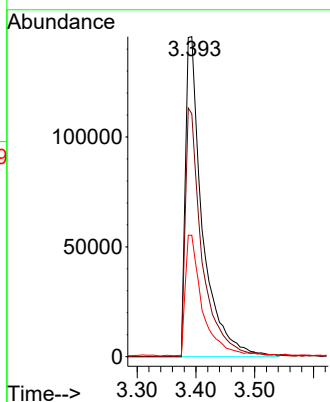
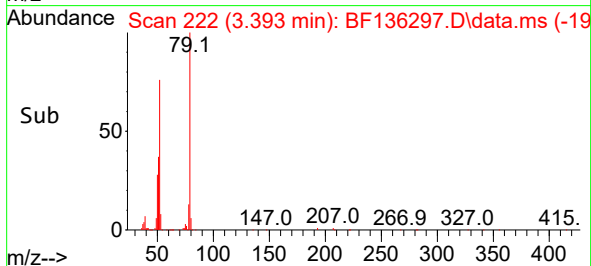
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BNA_F
ClientSampleId :
TR-06-11222023MSD



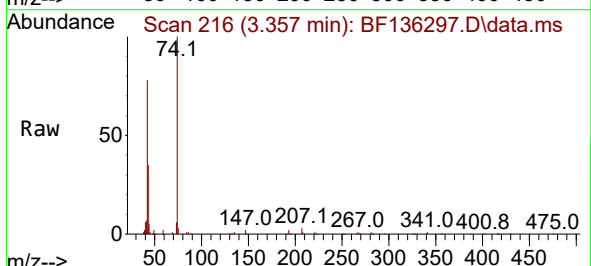
Tgt Ion: 79 Resp: 294330
Ion Ratio Lower Upper
79 100
52 75.9 63.2 94.8
51 38.0 32.6 49.0

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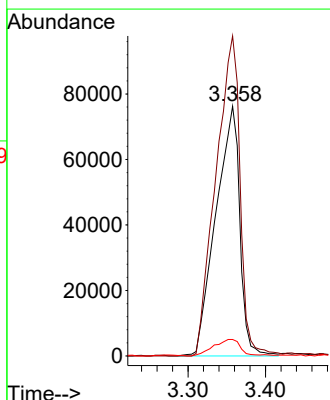
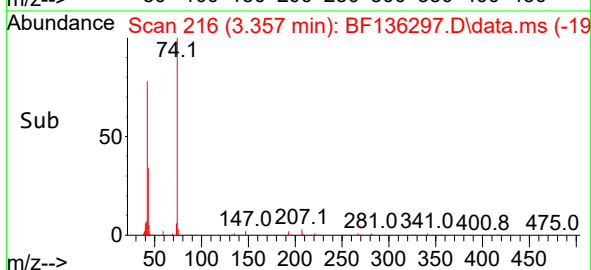
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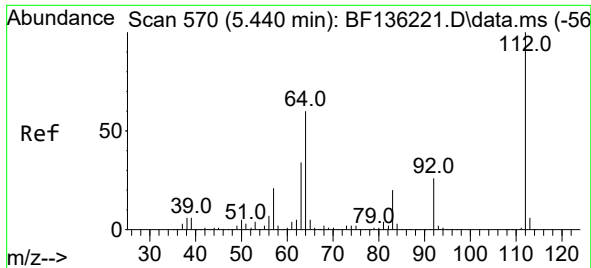


#4
n-Nitrosodimethylamine
Concen: 38.334 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.030 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



Tgt Ion: 42 Resp: 163615
Ion Ratio Lower Upper
42 100
74 128.1 96.6 144.8
44 6.6 5.4 8.2





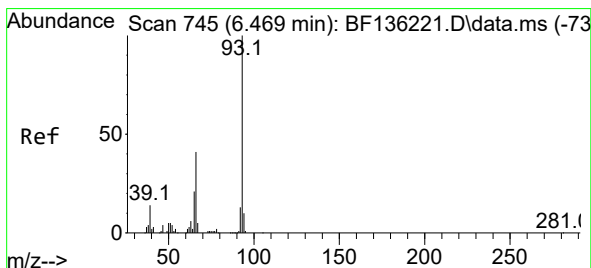
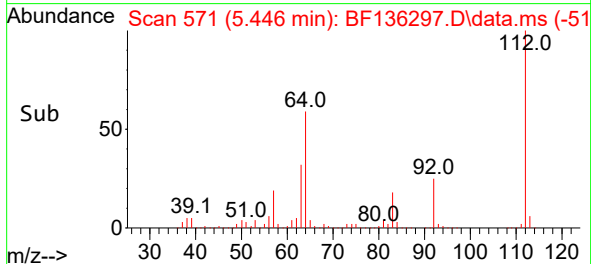
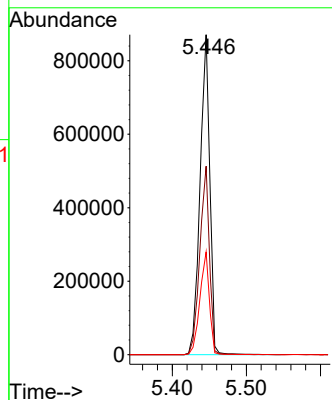
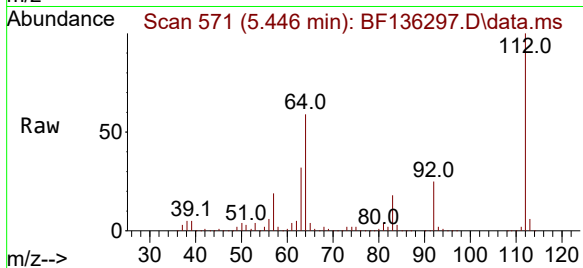
#5
2-Fluorophenol
Concen: 87.889 ng
RT: 5.446 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

Instrument :
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Tgt Ion:112 Resp: 794520
Ion Ratio Lower Upper
112 100
64 58.9 48.2 72.4
63 32.1 27.0 40.6

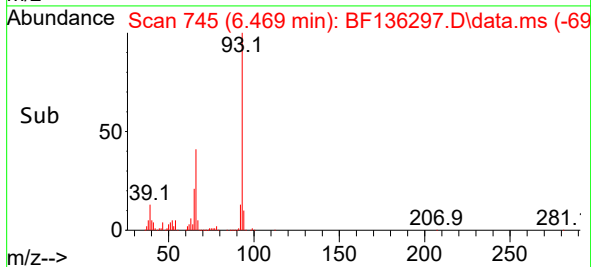
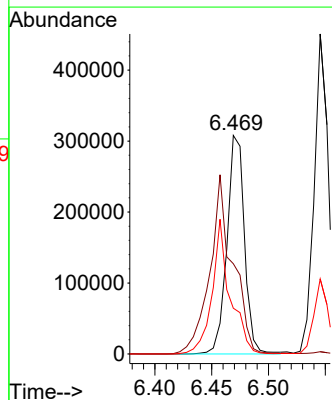
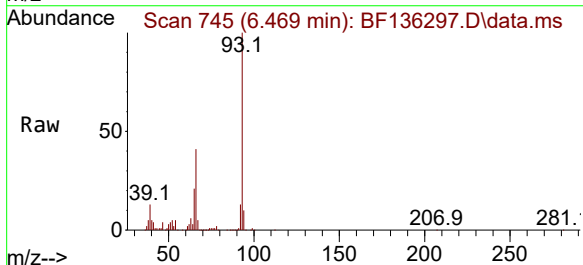
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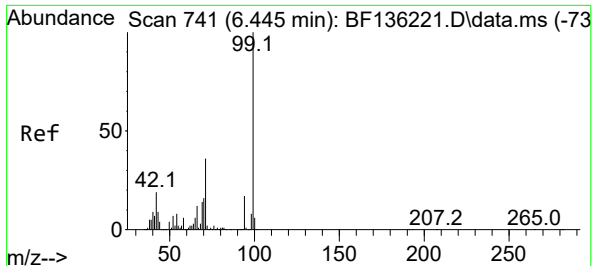
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#6
Aniline
Concen: 30.941 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136297.D
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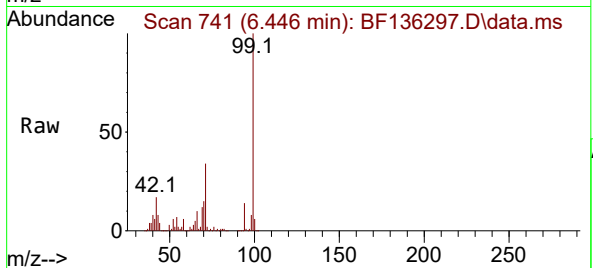
Tgt Ion: 93 Resp: 330561
Ion Ratio Lower Upper
93 100
66 41.3 34.1 51.1
65 20.9 17.3 25.9





#7
Phenol-d6
Concen: 85.392 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

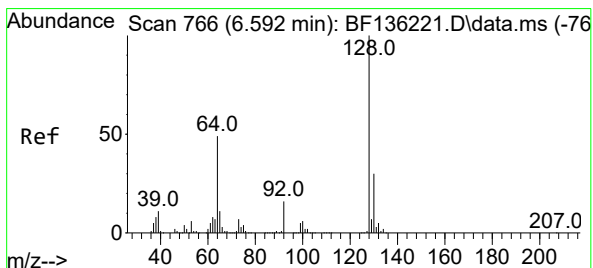
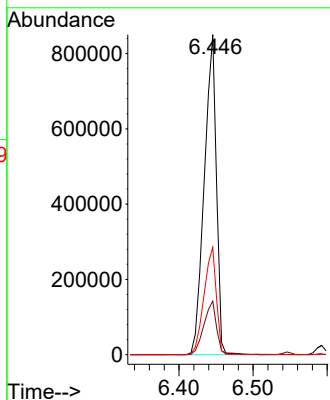
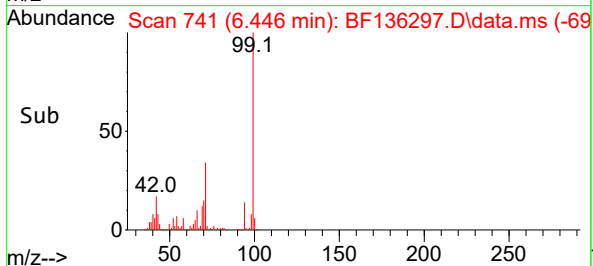
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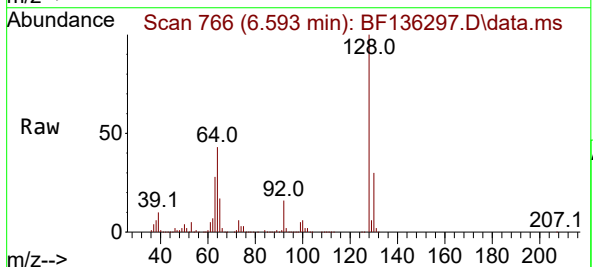
Tgt Ion: 99 Resp: 965220
Ion Ratio Lower Upper
99 100
42 16.7 15.0 22.6
71 33.5 28.9 43.3

Manual Integrations
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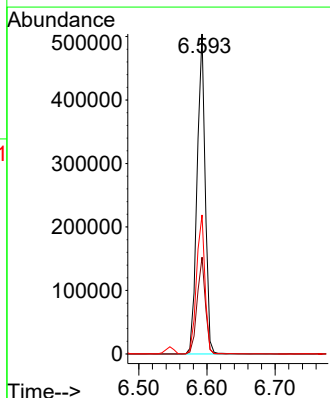
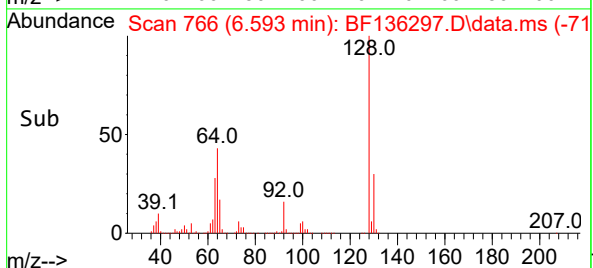
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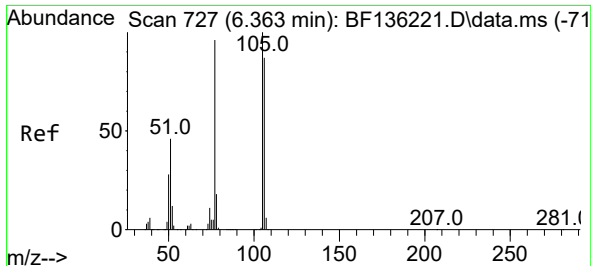


#8
2-Chlorophenol
Concen: 42.496 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



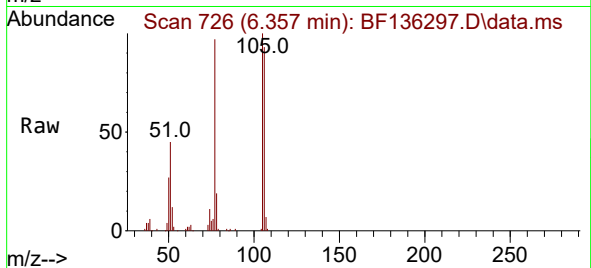
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Ion Ratio Lower Upper
128 100
130 30.2 10.3 50.3
64 43.5 30.0 70.0





#9
Benzaldehyde
Concen: 6.655 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136297.D
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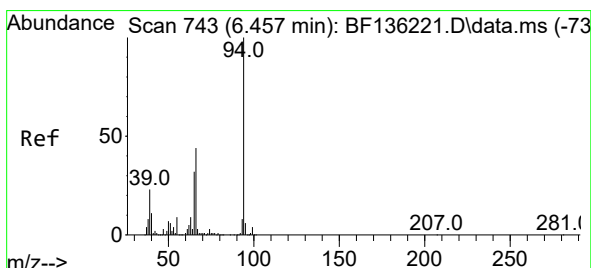
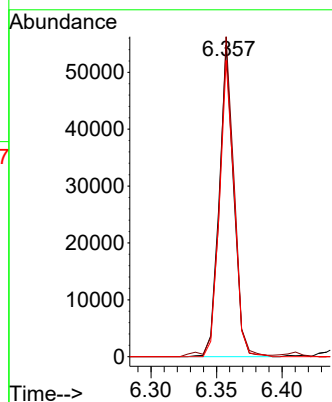
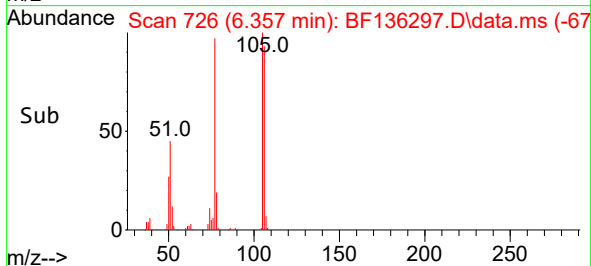
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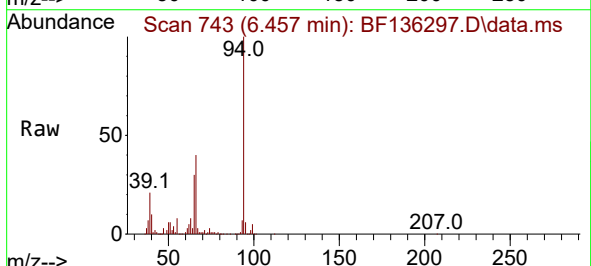
Tgt Ion: 77 Resp: 41924
Ion Ratio Lower Upper
77 100
105 102.7 84.3 124.3
106 95.1 71.0 111.0

Manual Integrations
APPROVED

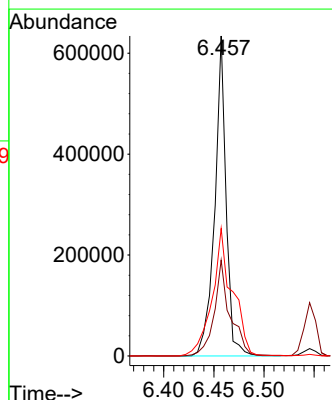
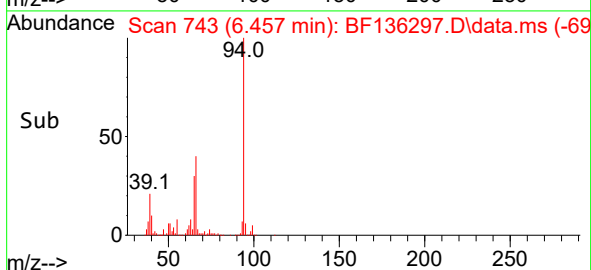
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

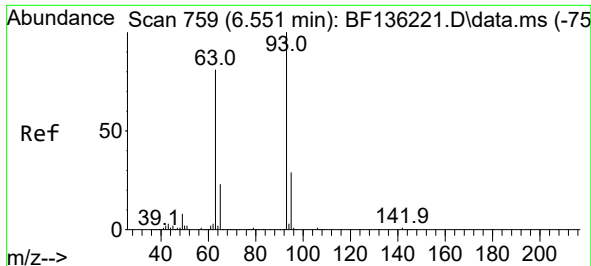


#10
Phenol
Concen: 41.415 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



Tgt Ion: 94 Resp: 502227
Ion Ratio Lower Upper
94 100
65 29.9 12.5 52.5
66 39.8 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 42.146 ng

RT: 6.546 min Scan# 711

Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Instrument :

BNA_F

ClientSampleId :

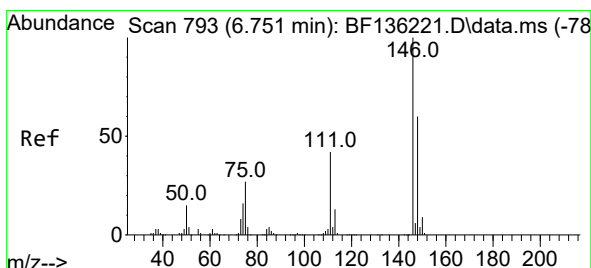
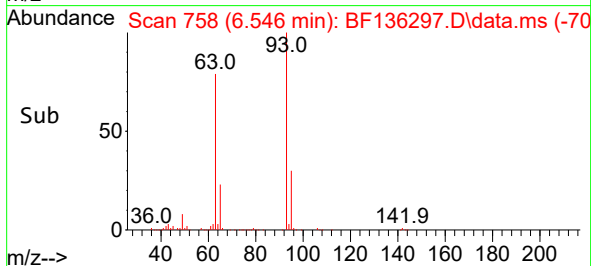
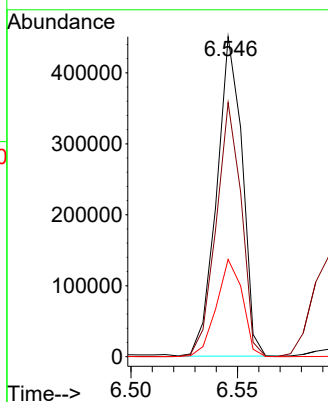
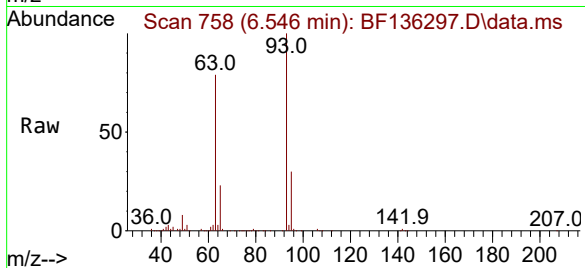
TR-06-11222023MSD

Tgt Ion: 93 Resp: 37493

Ion	Ratio	Lower	Upper
93	100		
63	79.4	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: 39.656 ng

RT: 6.746 min Scan# 792

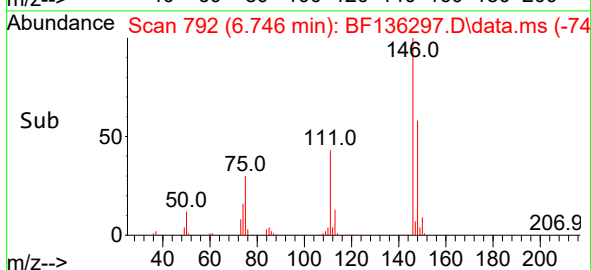
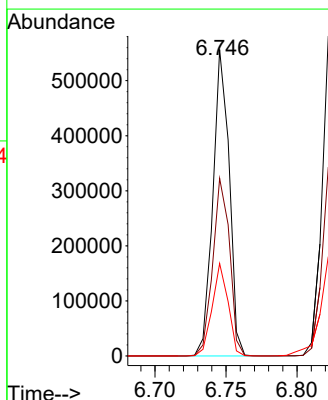
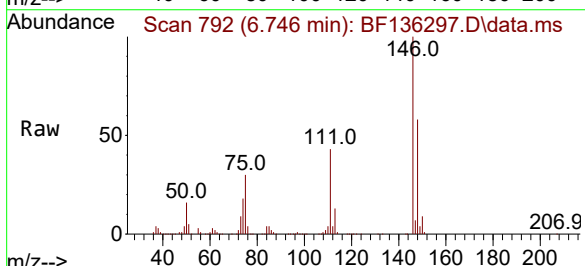
Delta R.T. -0.006 min

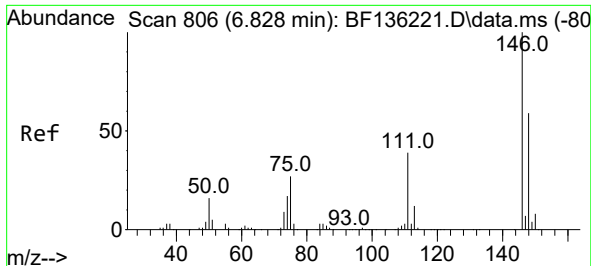
Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Tgt Ion:146 Resp: 442979

Ion	Ratio	Lower	Upper
146	100		
148	58.0	47.8	71.6
75	30.2	22.0	33.0





#13

1,4-Dichlorobenzene

Concen: 40.293 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MSD

Tgt Ion:146 Resp: 457559

Ion Ratio Lower Upper

146 100

148 59.0 47.0 70.6

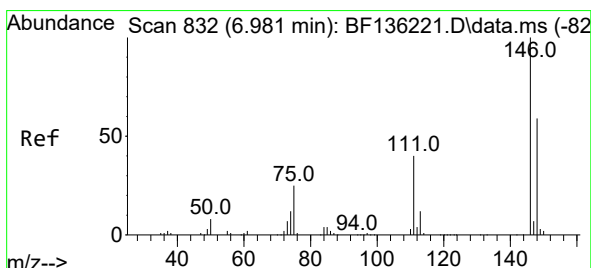
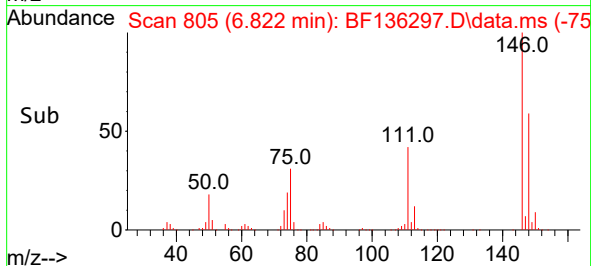
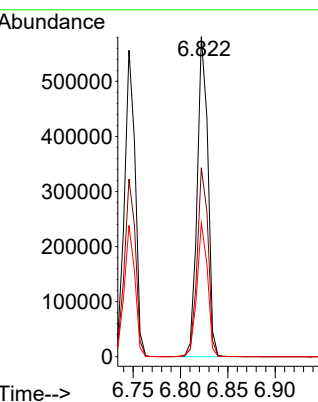
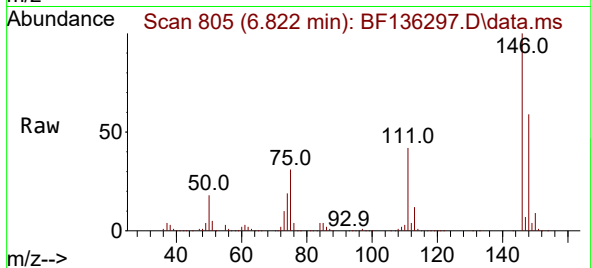
111 41.8 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#14

1,2-Dichlorobenzene

Concen: 39.475 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

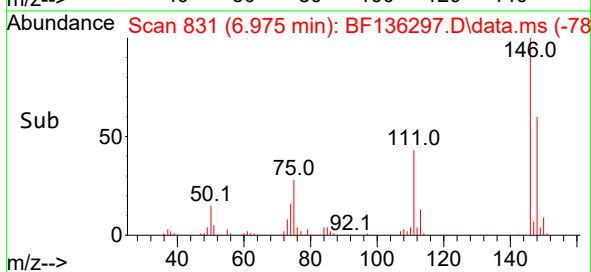
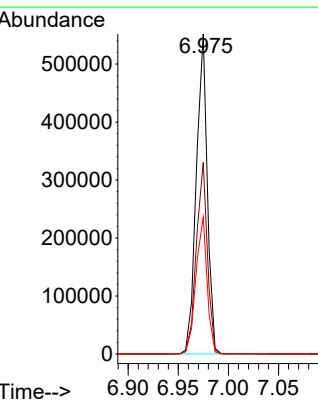
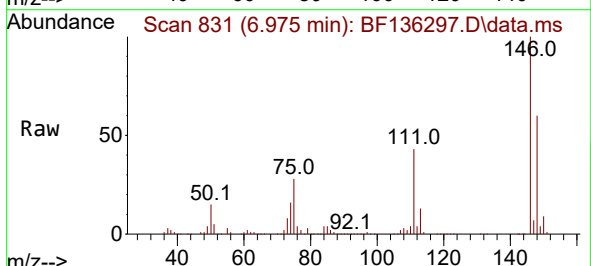
Tgt Ion:146 Resp: 424376

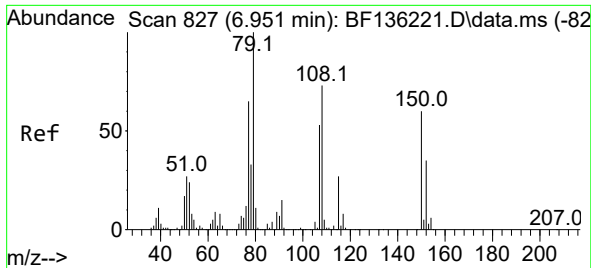
Ion Ratio Lower Upper

146 100

148 59.8 47.3 70.9

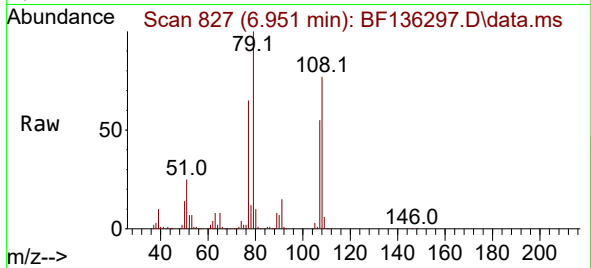
111 42.7 32.4 48.6





#15
Benzyl Alcohol
Concen: 41.403 ng
RT: 6.951 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

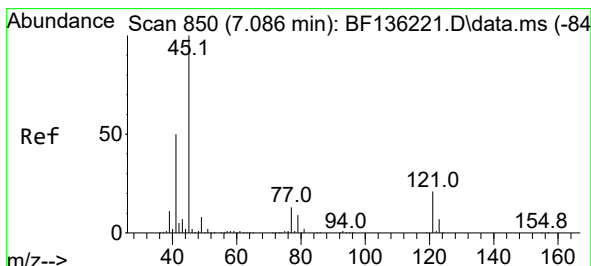
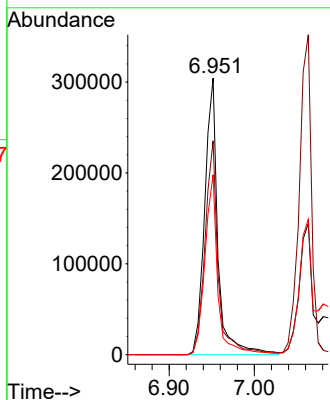
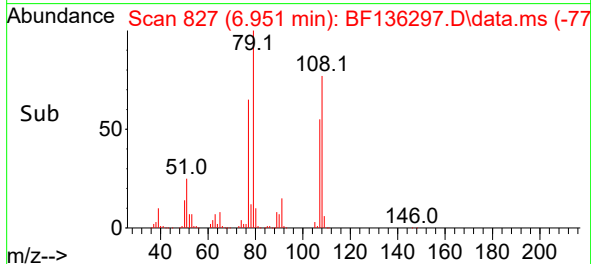
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



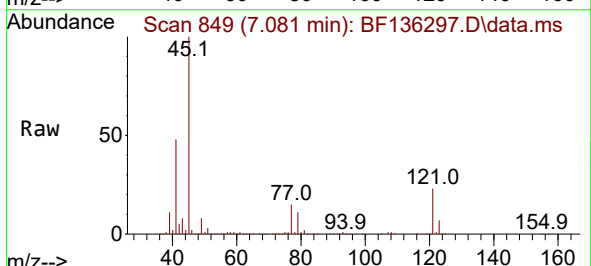
Tgt Ion: 79 Resp: 328119
Ion Ratio Lower Upper
79 100
108 77.3 58.1 87.1
77 65.1 51.8 77.8

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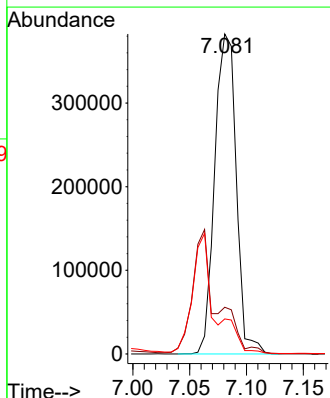
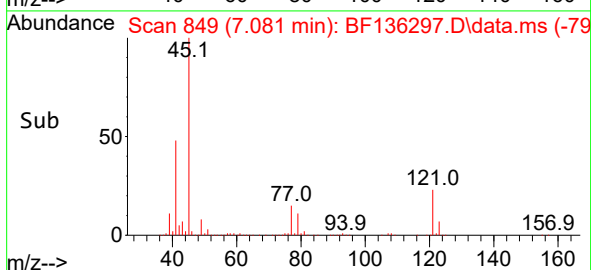
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

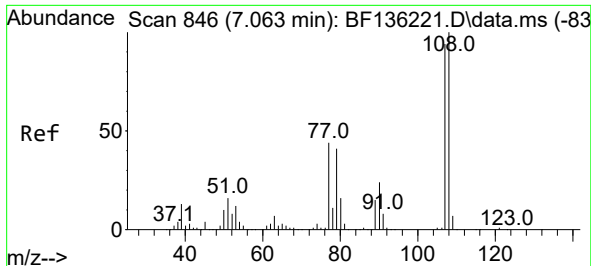


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.788 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



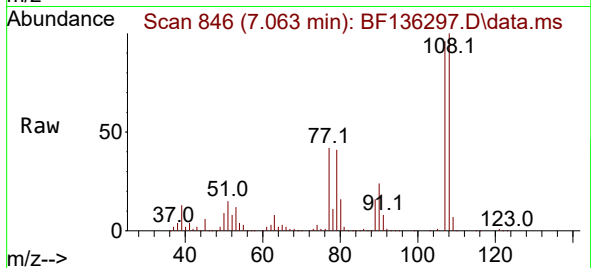
Tgt Ion: 45 Resp: 504013
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.0
79 11.0 0.0 30.1





#17
2-Methylphenol
Concen: 41.311 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

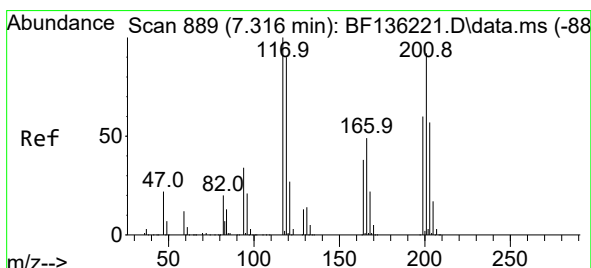
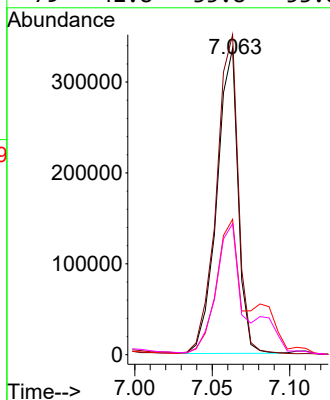
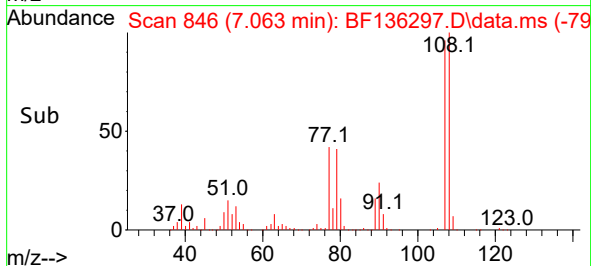
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



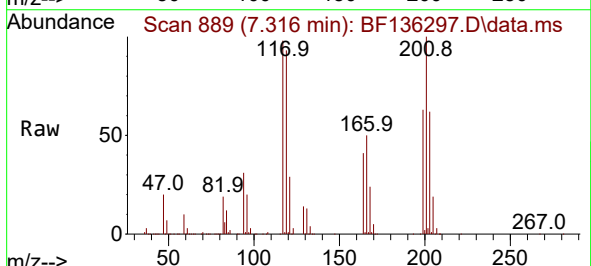
Tgt Ion:107 Resp: 31968
Ion Ratio Lower Upper
107 100
108 104.4 85.4 128.0
77 44.2 37.4 56.2
79 42.8 35.8 53.8

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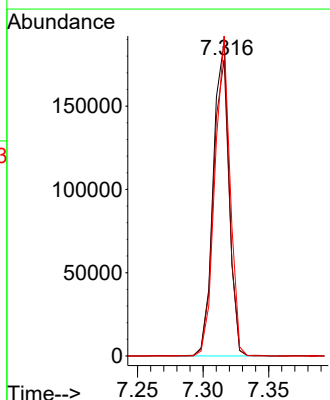
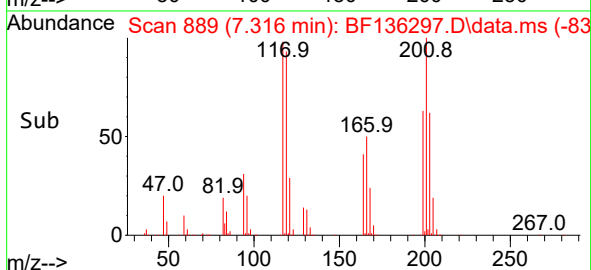
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

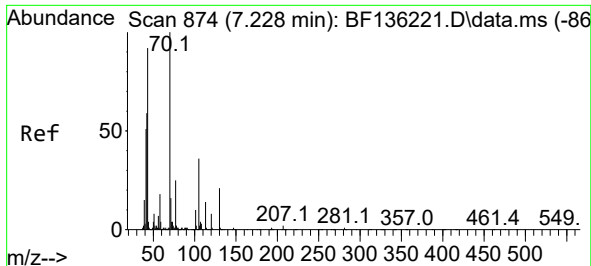


#18
Hexachloroethane
Concen: 39.646 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



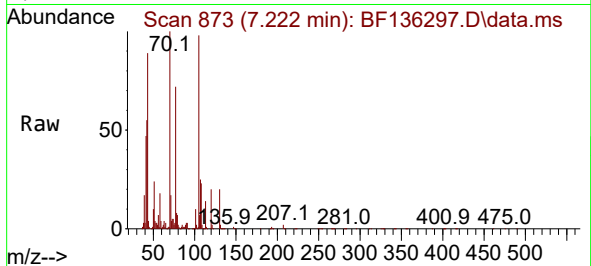
Tgt Ion:117 Resp: 157915
Ion Ratio Lower Upper
117 100
119 94.5 71.6 107.4
201 102.1 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.729 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

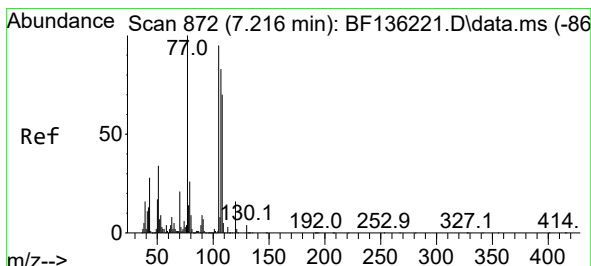
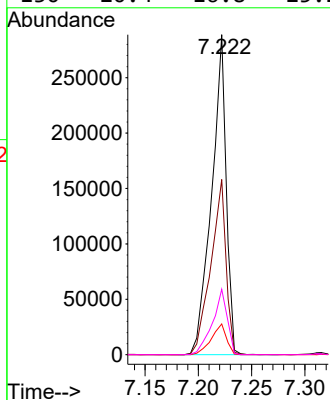
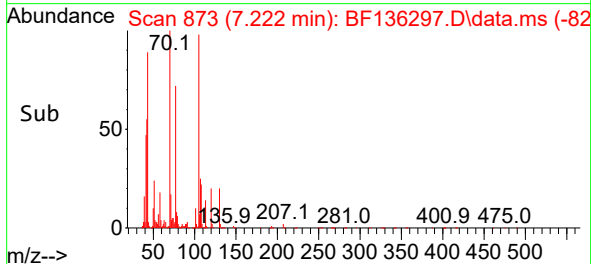
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



Tgt Ion: 70 Resp: 27534
Ion Ratio Lower Upper
70 100
42 54.7 47.0 70.4
101 9.6 7.8 11.8
130 20.4 16.8 25.2

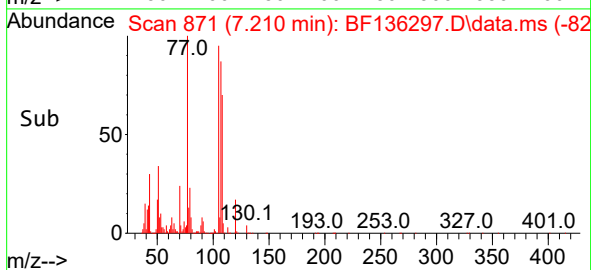
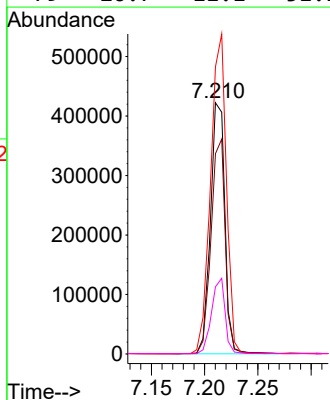
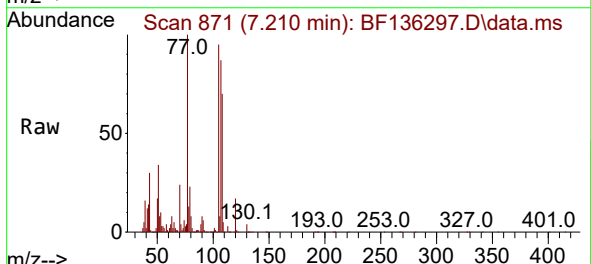
Manual Integrations
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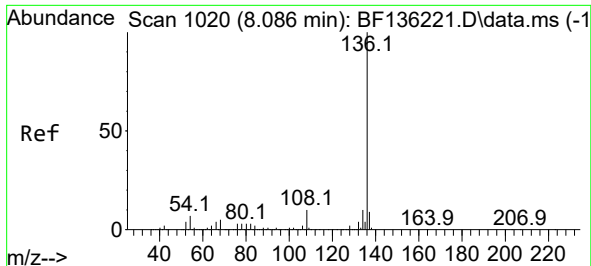
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#20
3+4-Methylphenols
Concen: 39.442 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

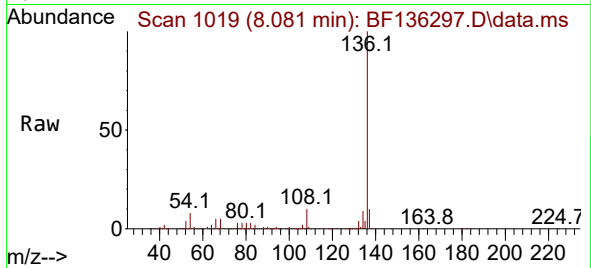
Tgt Ion:107 Resp: 396682
Ion Ratio Lower Upper
107 100
108 79.7 63.9 103.9
77 114.3 100.2 140.2
79 26.7 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

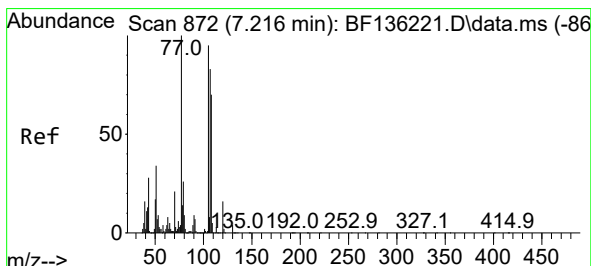
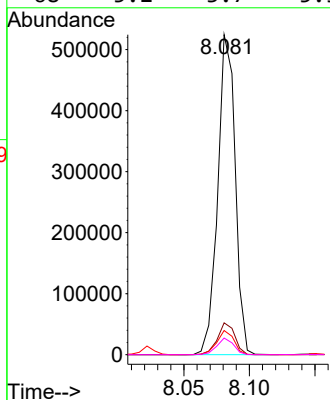
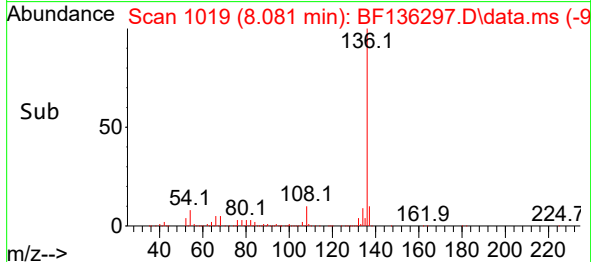
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



Tgt Ion:136 Resp: 48412
Ion Ratio Lower Upper
136 100
137 10.0 7.4 11.2
54 7.5 5.5 8.3
68 5.2 3.7 5.5

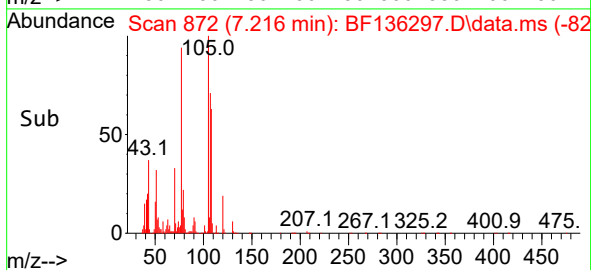
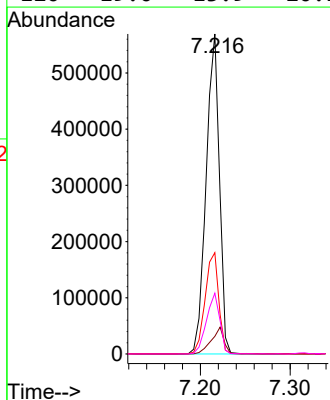
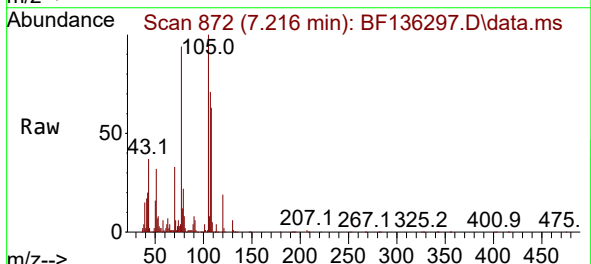
Manual Integrations
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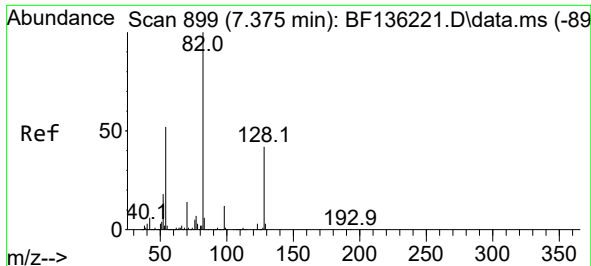
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 45.946 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

Tgt Ion:105 Resp: 584183
Ion Ratio Lower Upper
105 100
71 5.5 2.8 4.2#
51 31.7 29.0 43.6
120 19.0 13.9 20.9





#23

Nitrobenzene-d5

Concen: 63.609 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MSD

Tgt Ion: 82 Resp: 582749

Ion Ratio Lower Upper

82 100

128 44.4 33.4 50.2

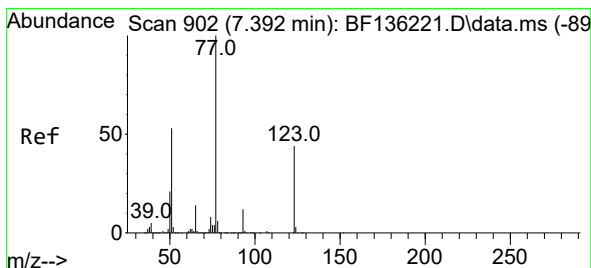
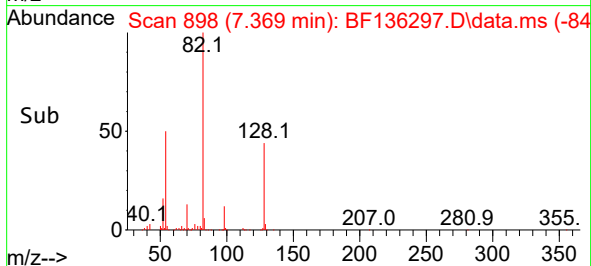
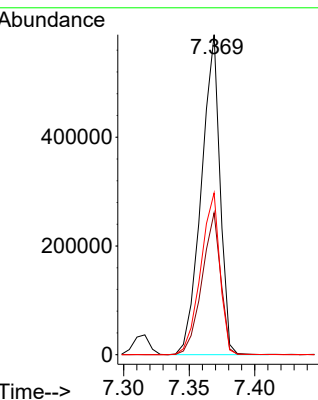
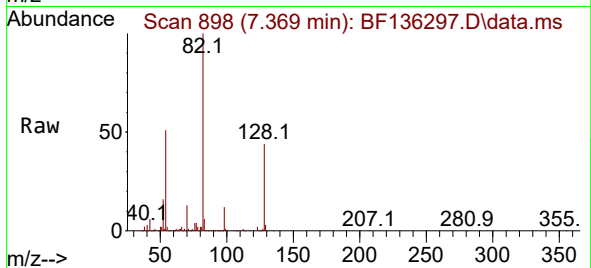
54 50.6 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#24

Nitrobenzene

Concen: 42.561 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

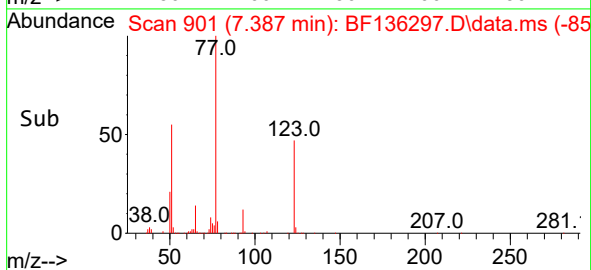
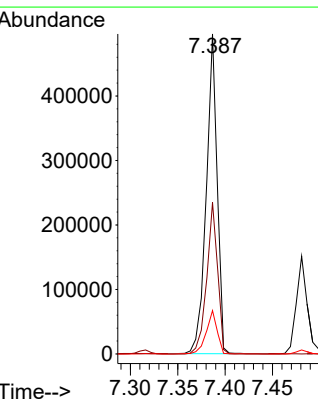
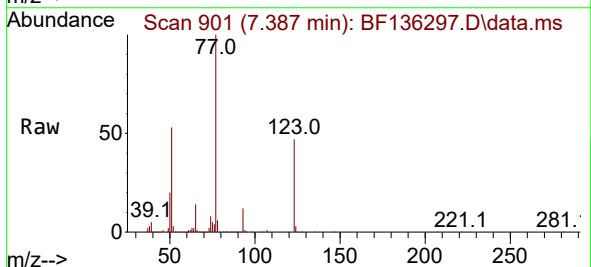
Tgt Ion: 77 Resp: 395141

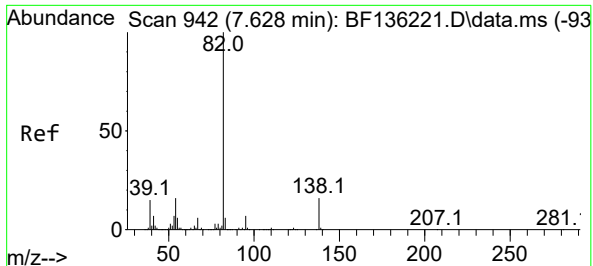
Ion Ratio Lower Upper

77 100

123 47.3 35.4 53.2

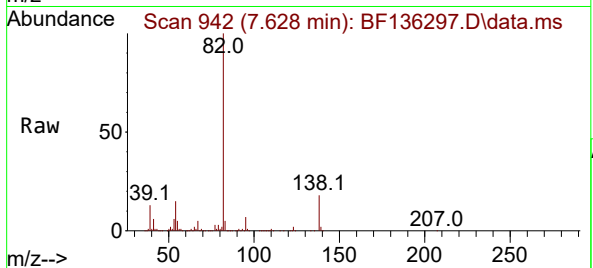
65 13.5 11.0 16.6





#25
Isophorone
Concen: 44.433 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

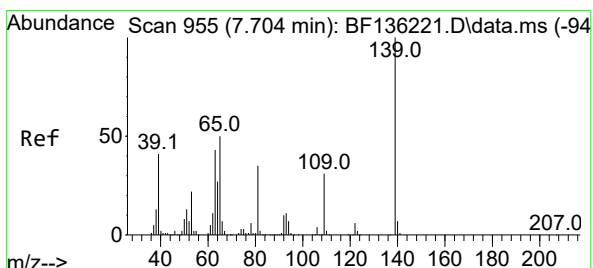
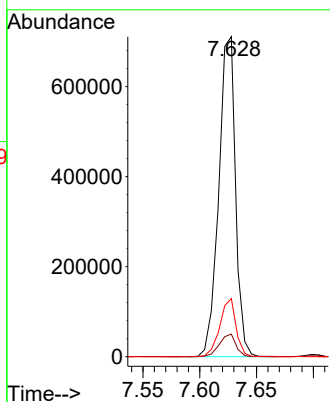
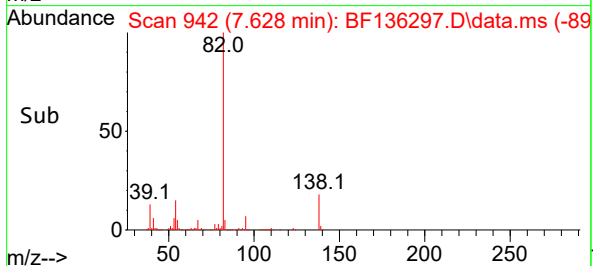
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



Tgt Ion: 82 Resp: 73400
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.2 12.8 19.2

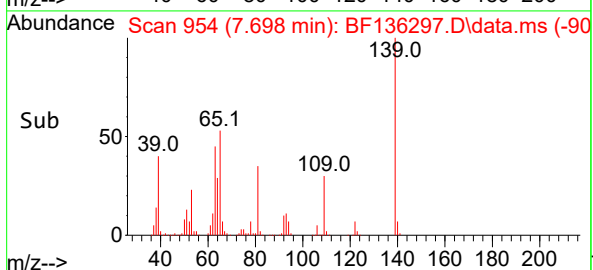
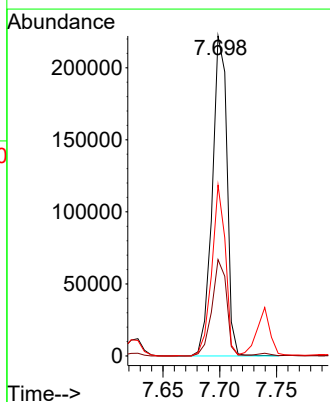
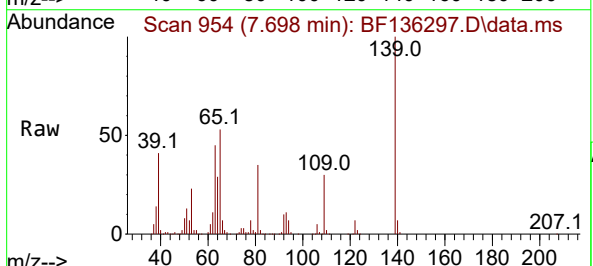
Manual Integrations
APPROVED

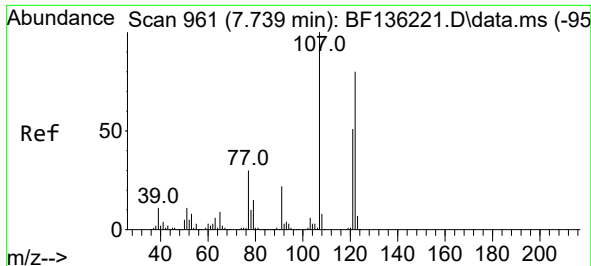
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#26
2-Nitrophenol
Concen: 50.665 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

Tgt Ion:139 Resp: 200418
Ion Ratio Lower Upper
139 100
109 30.1 25.0 37.6
65 53.4 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 54.676 ng

RT: 7.740 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF136297.D

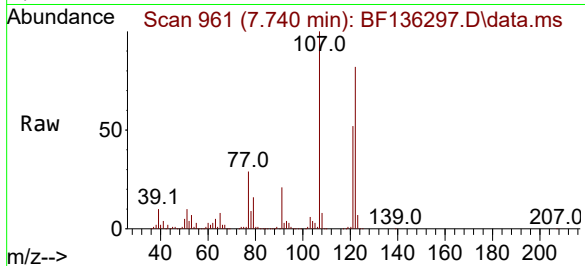
Acq: 29 Nov 2023 22:26

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MSD



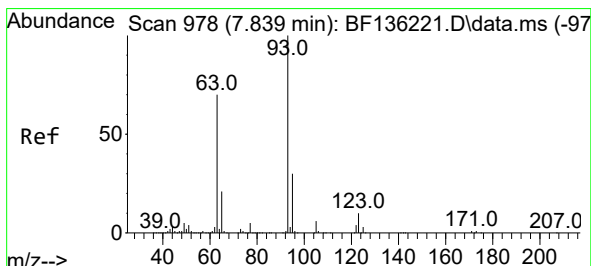
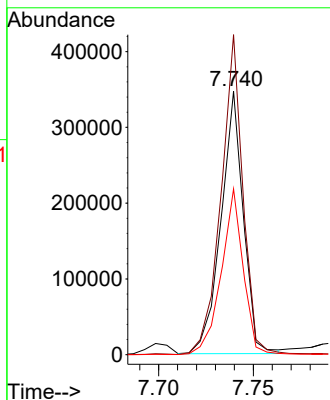
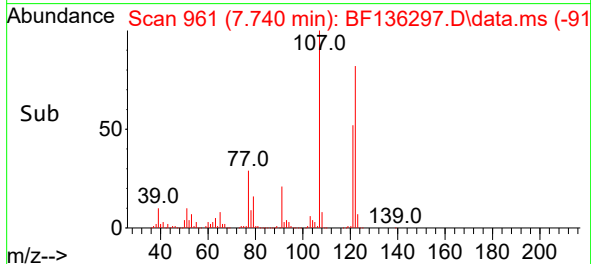
Tgt Ion:	122	Resp:	28467
Ion Ratio	Lower	Upper	
122	100		
107	121.4	100.0	150.0
121	62.9	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.498 ng

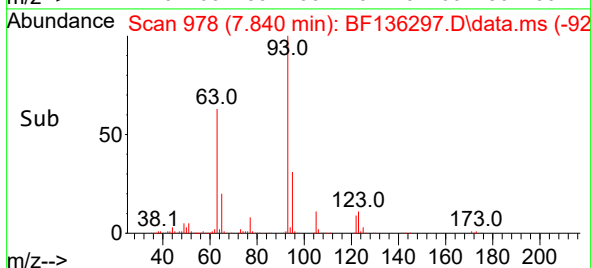
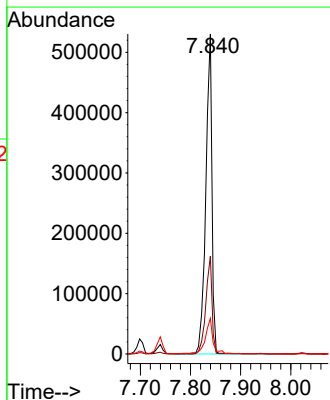
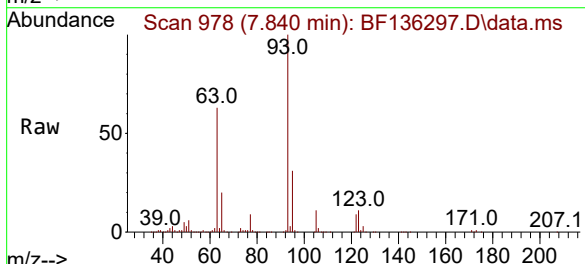
RT: 7.840 min Scan# 978

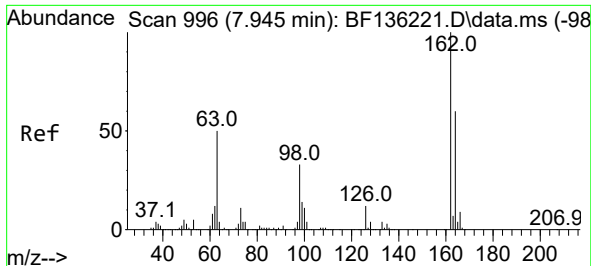
Delta R.T. 0.000 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Tgt Ion:	93	Resp:	454631
Ion Ratio	Lower	Upper	
93	100		
95	30.6	23.8	35.6
123	11.1	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 45.115 ng

RT: 7.940 min Scan# 996

Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Instrument :

BNA_F

ClientSampleId :

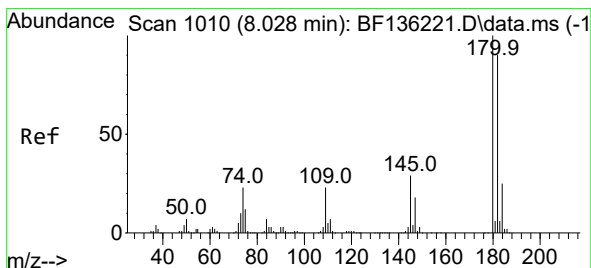
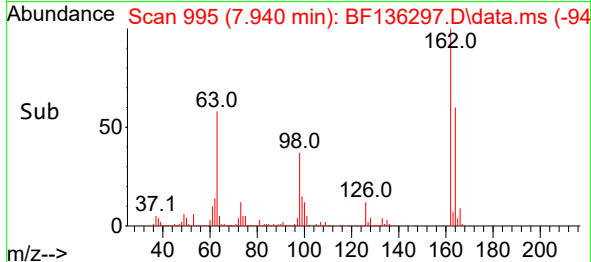
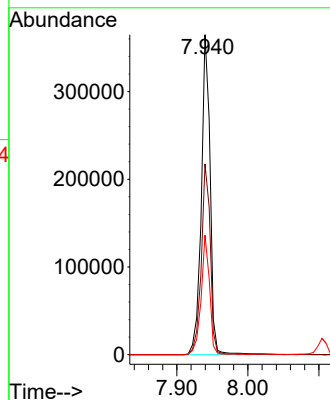
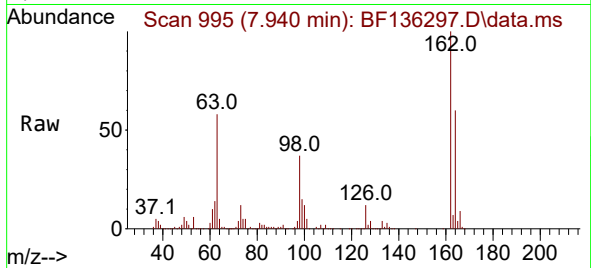
TR-06-11222023MSD

Tgt Ion:162 Resp: 316828
 Ion Ratio Lower Upper
 162 100
 164 59.6 40.3 80.3
 98 37.4 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: 43.633 ng

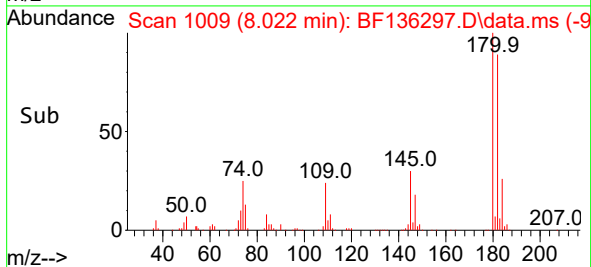
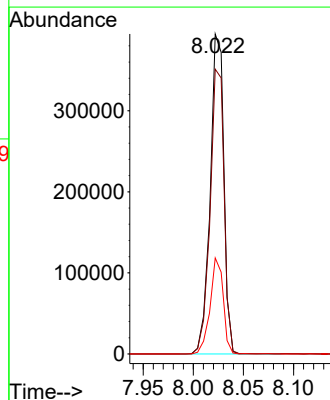
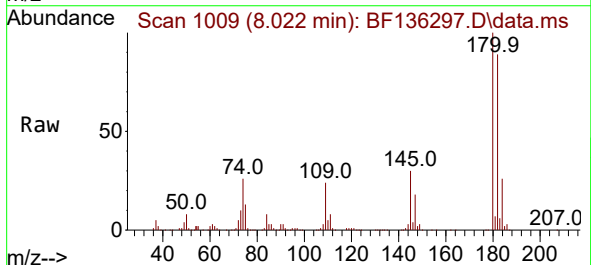
RT: 8.022 min Scan# 1009

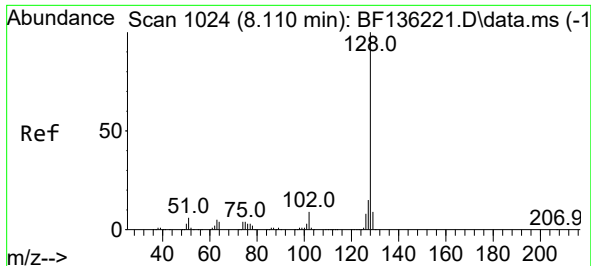
Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

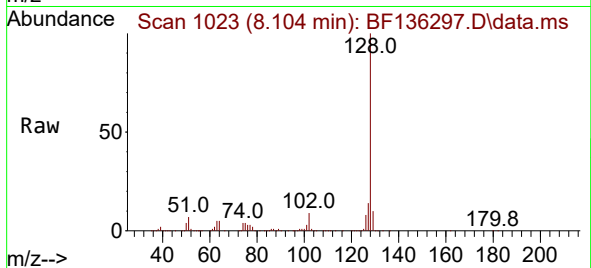
Tgt Ion:180 Resp: 375163
 Ion Ratio Lower Upper
 180 100
 182 89.0 71.6 107.4
 145 30.0 23.0 34.4





#31
Naphthalene
Concen: 43.483 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

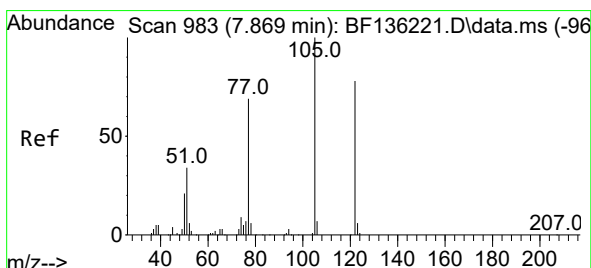
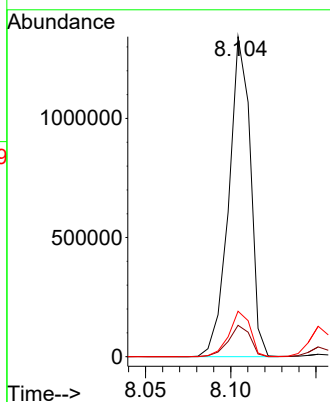
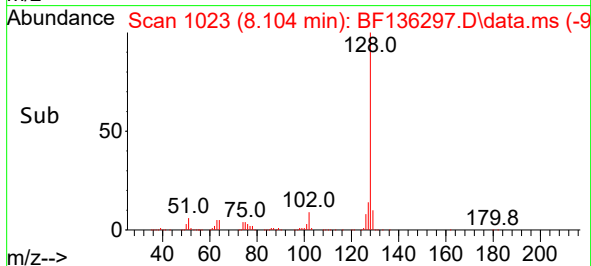
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



Tgt Ion:128 Resp: 1183248
Ion Ratio Lower Upper
128 100
129 9.8 7.3 10.9
127 14.2 11.8 17.6

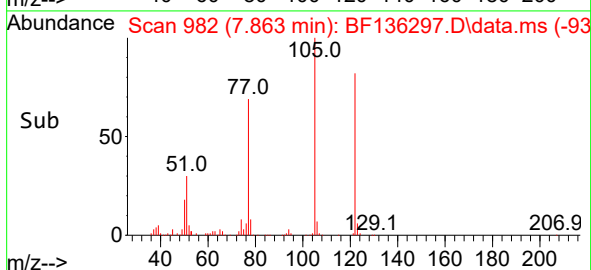
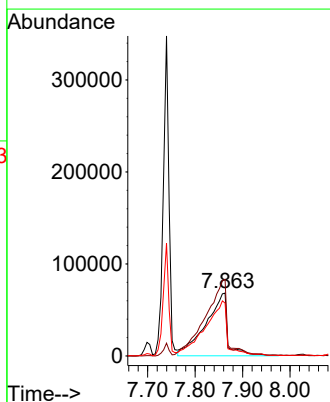
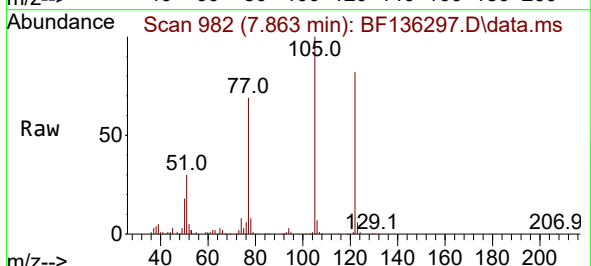
Manual Integrations
APPROVED

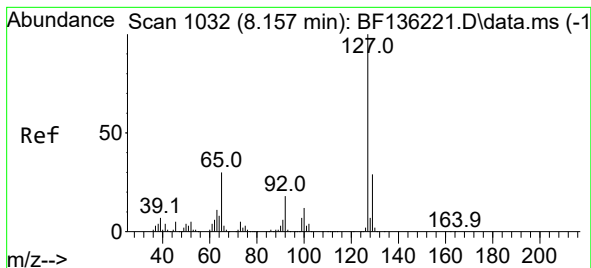
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 46.526 ng m
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

Tgt Ion:122 Resp: 220774
Ion Ratio Lower Upper
122 100
105 121.7 103.7 143.7
77 84.3 66.8 106.8





#33

4-Chloroaniline

Concen: 13.115 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MSD

Tgt Ion:127 Resp: 121308

Ion Ratio Lower Upper

127 100

129 32.1 23.4 35.2

65 30.1 23.8 35.6

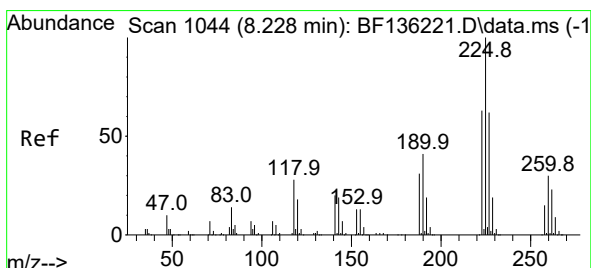
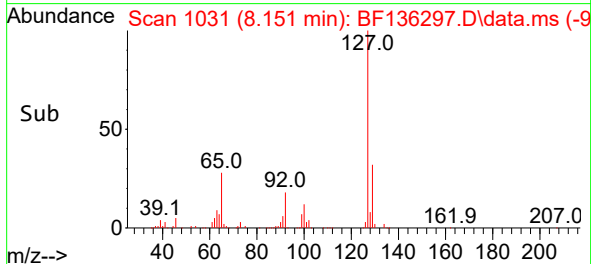
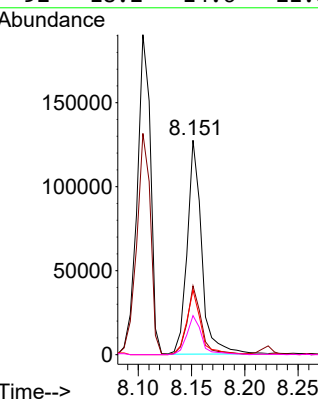
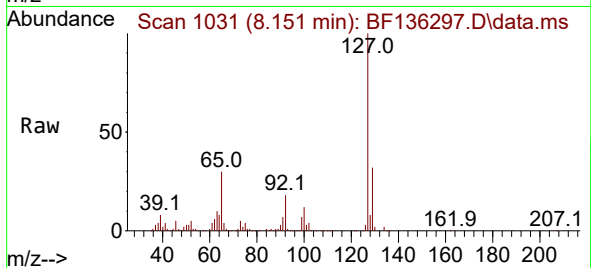
92 18.2 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#34

Hexachlorobutadiene

Concen: 42.351 ng

RT: 8.222 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

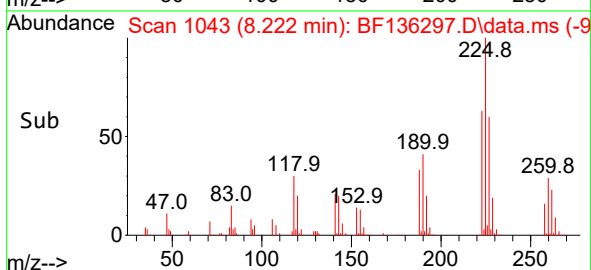
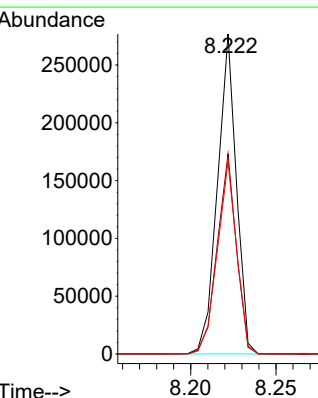
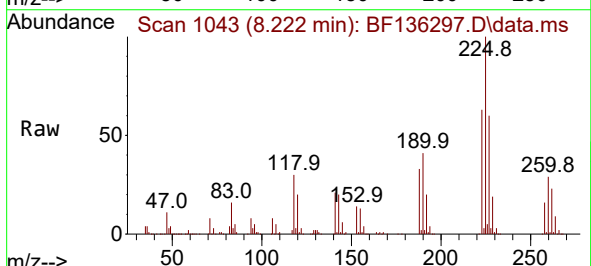
Tgt Ion:225 Resp: 213037

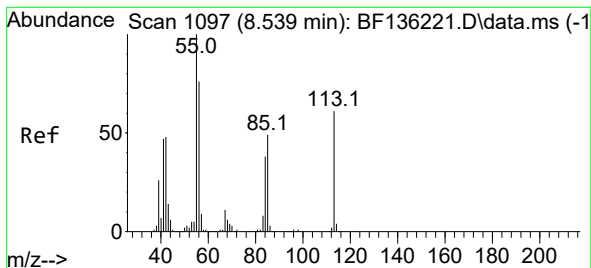
Ion Ratio Lower Upper

225 100

223 62.6 50.6 75.8

227 60.2 49.6 74.4





#35

Caprolactam

Concen: 44.519 ng m

RT: 8.528 min Scan# 1095

Delta R.T. -0.012 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MSD

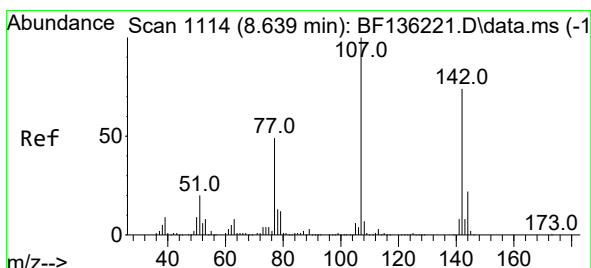
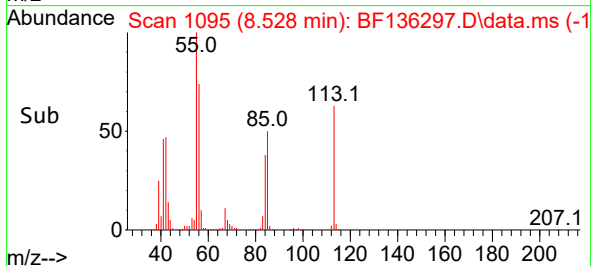
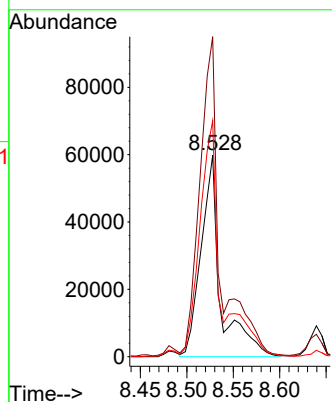
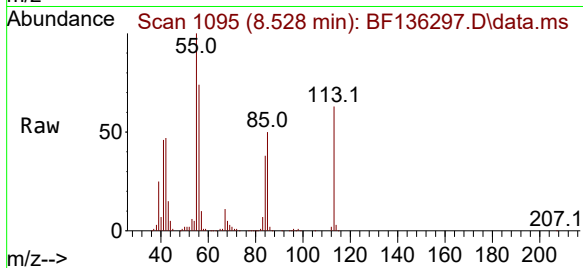
Tgt Ion:	113	Resp:	8740
Ion Ratio	Lower	Upper	
113	100		
55	158.9	143.1	183.1
56	117.2	103.6	143.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#36

4-Chloro-3-methylphenol

Concen: 40.363 ng

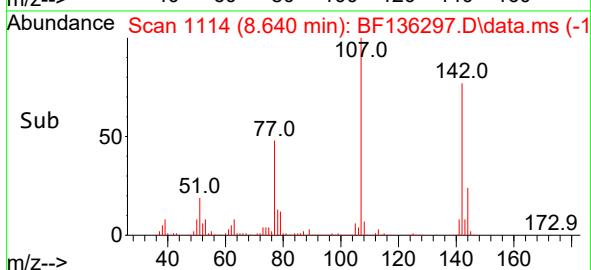
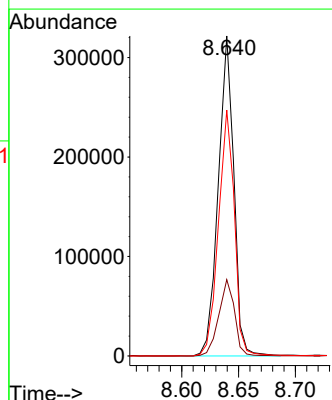
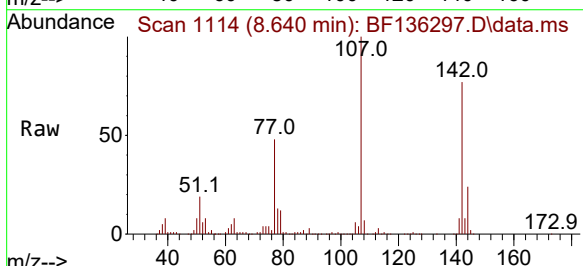
RT: 8.640 min Scan# 1114

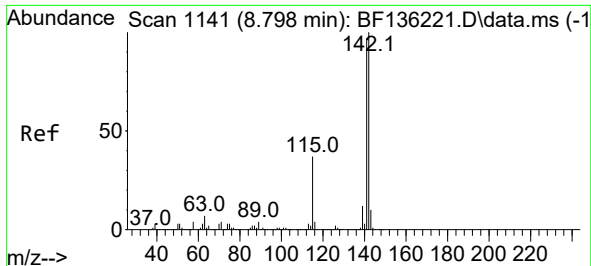
Delta R.T. 0.000 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

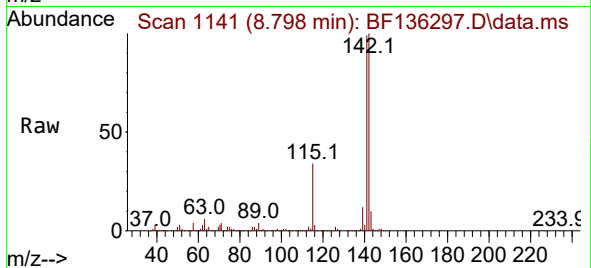
Tgt Ion:	107	Resp:	307431
Ion Ratio	Lower	Upper	
107	100		
144	23.9	17.8	26.8
142	76.8	59.4	89.0





#37
2-Methylnaphthalene
Concen: 41.285 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

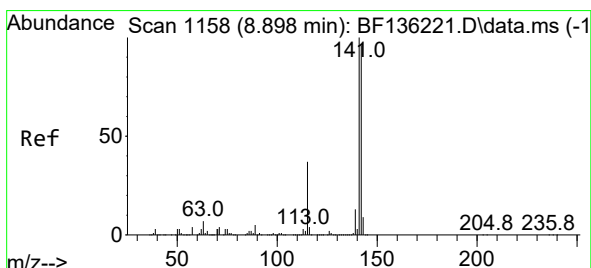
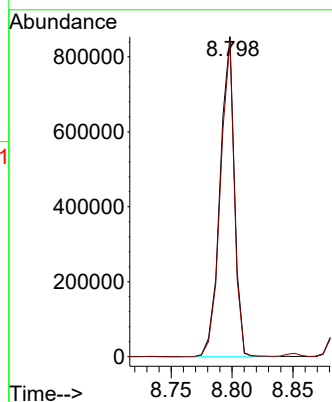
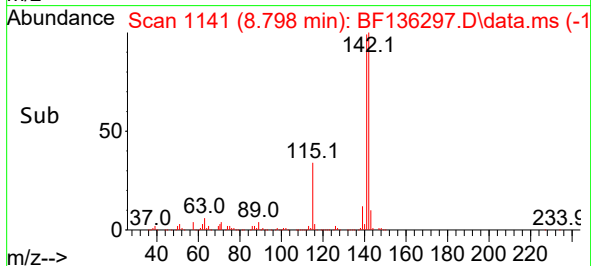
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



Tgt Ion:142 Resp: 704712
Ion Ratio Lower Upper
142 100
141 98.6 77.8 116.8

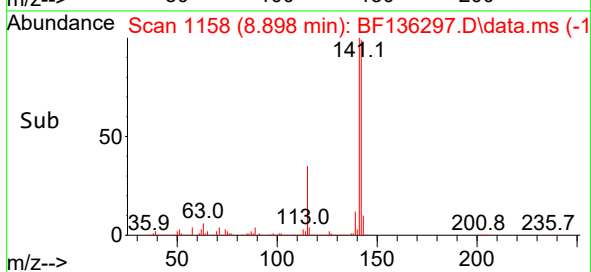
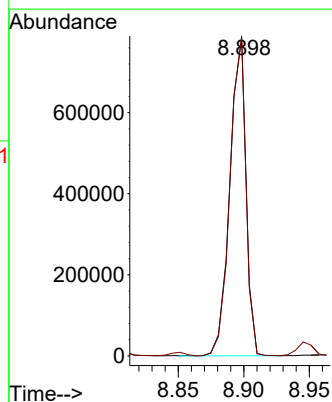
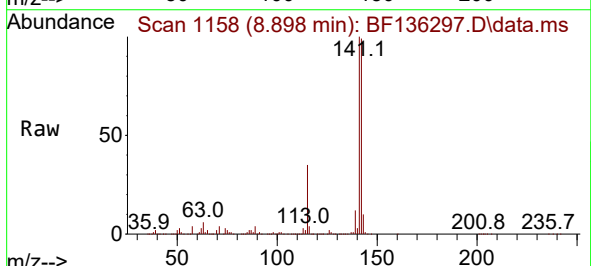
Manual Integrations
APPROVED

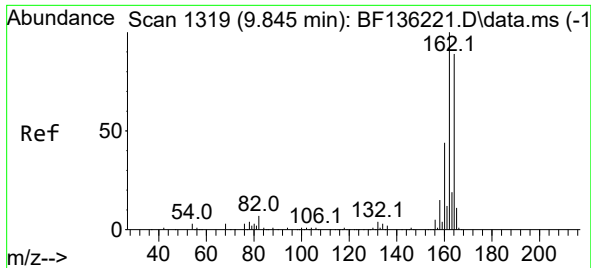
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#38
1-Methylnaphthalene
Concen: 40.332 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

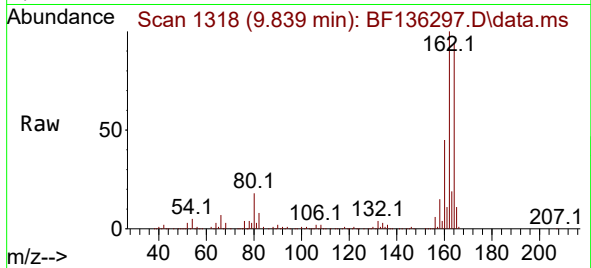
Tgt Ion:142 Resp: 671591
Ion Ratio Lower Upper
142 100
141 100.7 83.8 125.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

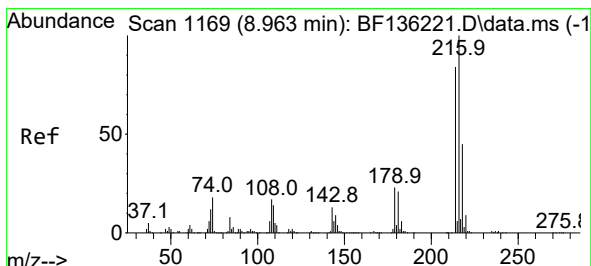
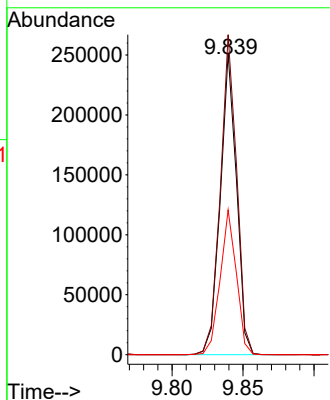
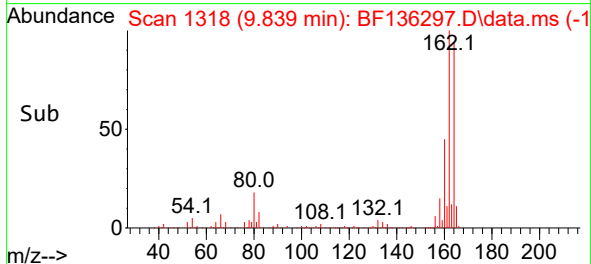
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



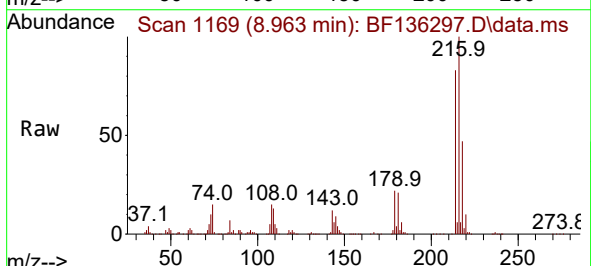
Tgt Ion:164 Resp: 198802
Ion Ratio Lower Upper
164 100
162 106.2 89.5 134.3
160 48.0 39.6 59.4

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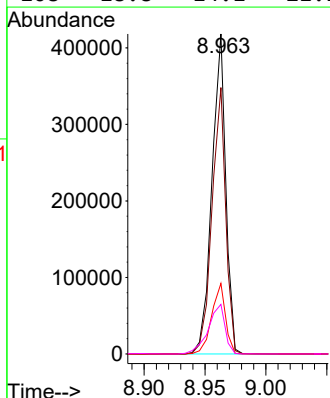
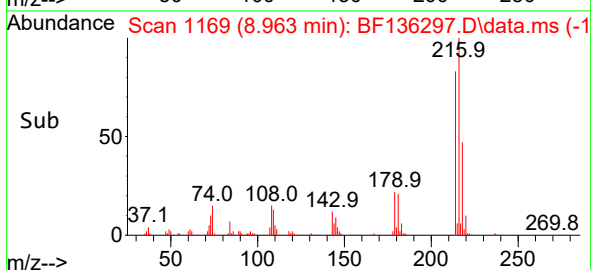
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

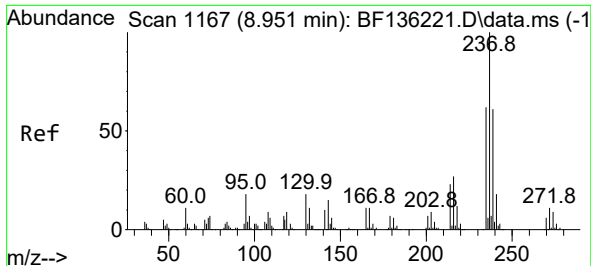


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.056 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



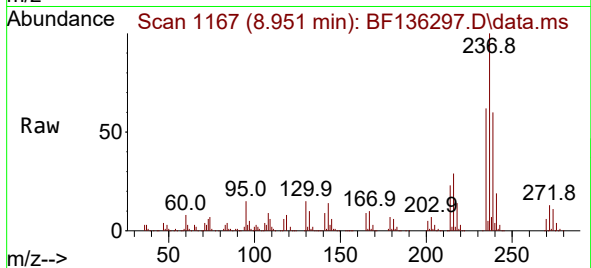
Tgt Ion:216 Resp: 329352
Ion Ratio Lower Upper
216 100
214 82.7 65.8 98.8
179 22.0 17.4 26.0
108 18.8 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 102.701 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

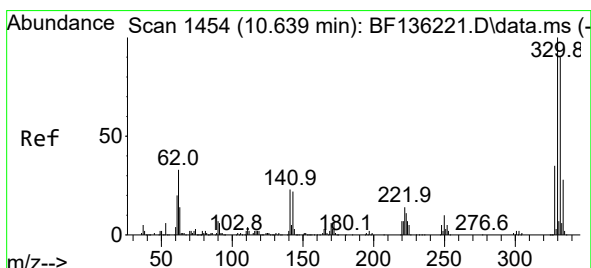
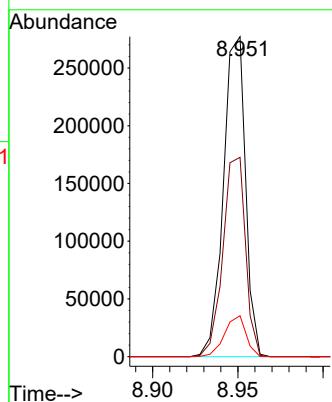
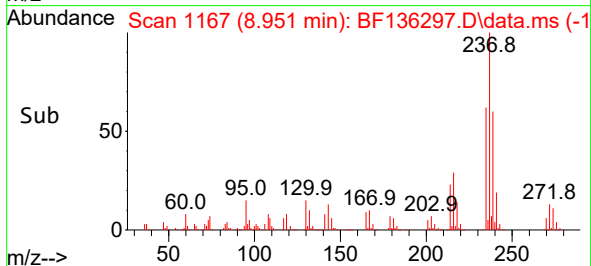
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



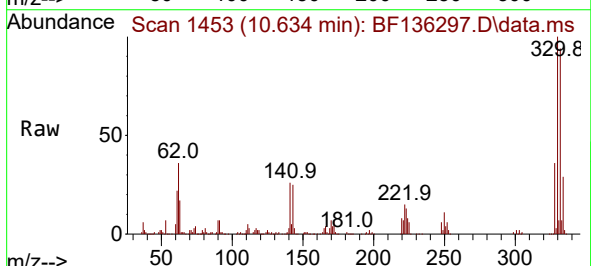
Tgt Ion: 237 Resp: 250024
Ion Ratio Lower Upper
237 100
235 62.3 42.1 82.1
272 12.8 0.0 31.0

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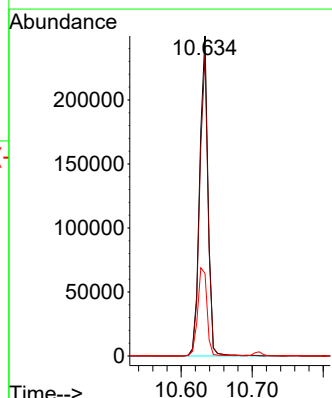
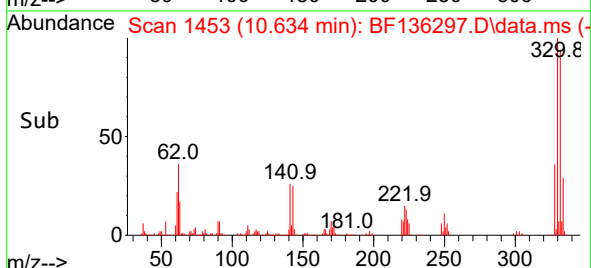
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

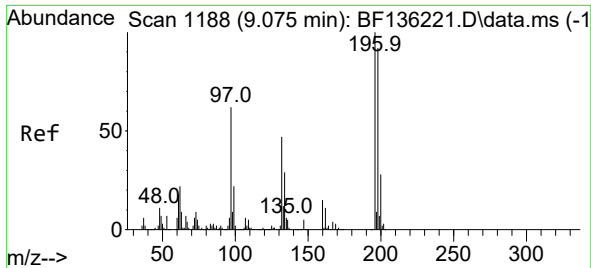


#42
2,4,6-Tribromophenol
Concen: 84.496 ng
RT: 10.634 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



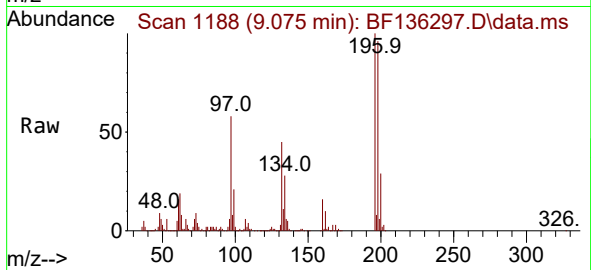
Tgt Ion: 330 Resp: 205369
Ion Ratio Lower Upper
330 100
332 93.3 73.0 109.6
141 30.8 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 49.736 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

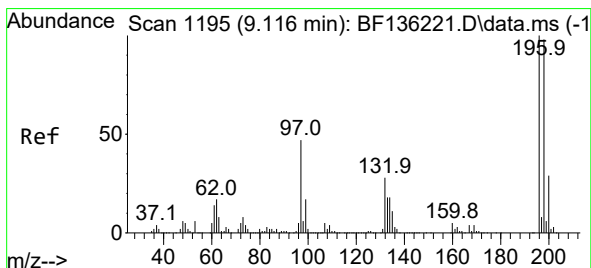
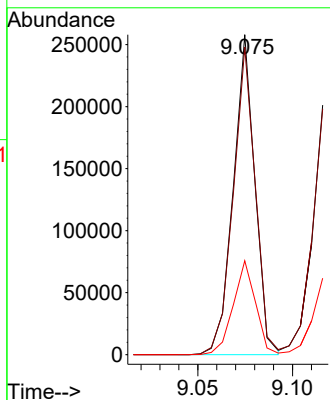
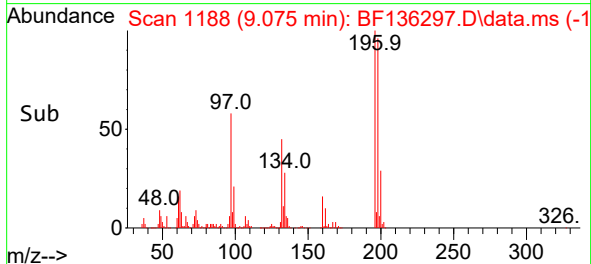
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



Tgt Ion:196 Resp: 204240
Ion Ratio Lower Upper
196 100
198 96.1 73.2 109.8
200 29.4 22.4 33.6

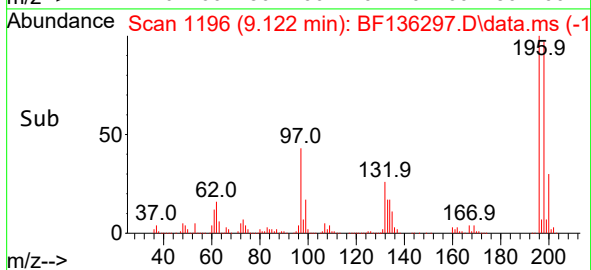
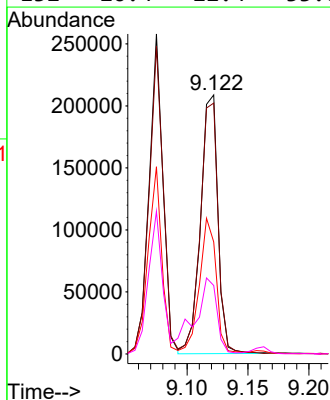
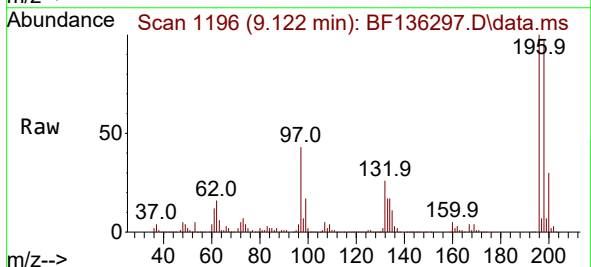
Manual Integrations
APPROVED

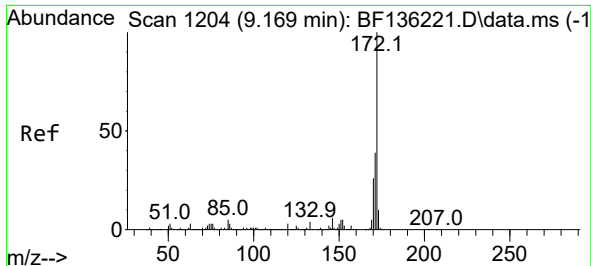
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#44
2,4,5-Trichlorophenol
Concen: 46.353 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

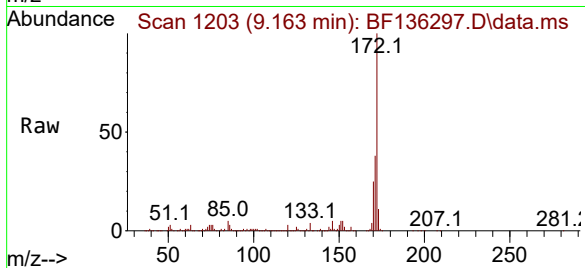
Tgt Ion:196 Resp: 207732
Ion Ratio Lower Upper
196 100
198 96.8 78.8 118.2
97 43.3 37.8 56.8
132 26.4 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 67.864 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

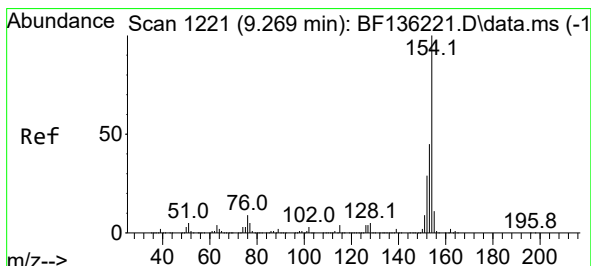
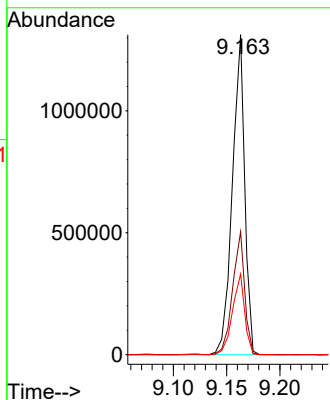
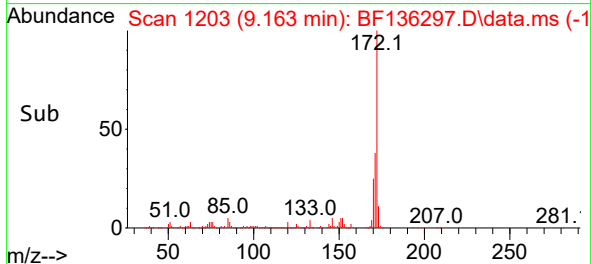
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



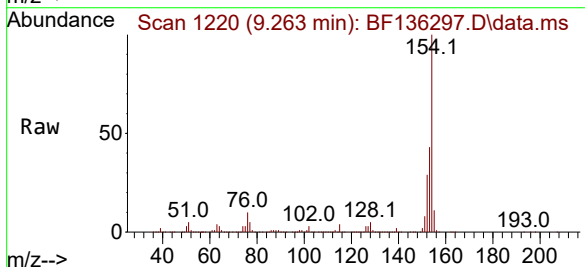
Tgt Ion:172 Resp: 105625
Ion Ratio Lower Upper
172 100
171 38.4 31.5 47.3
170 25.2 20.8 31.2

Manual Integrations
APPROVED

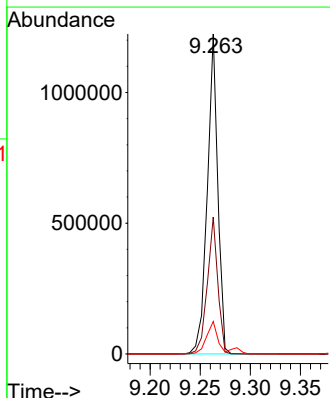
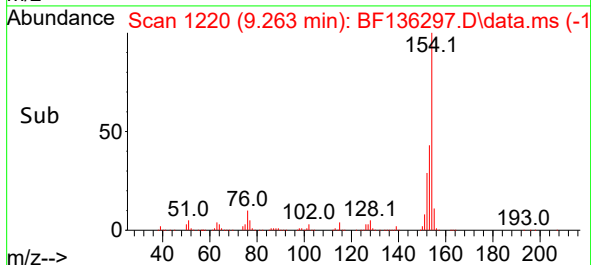
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

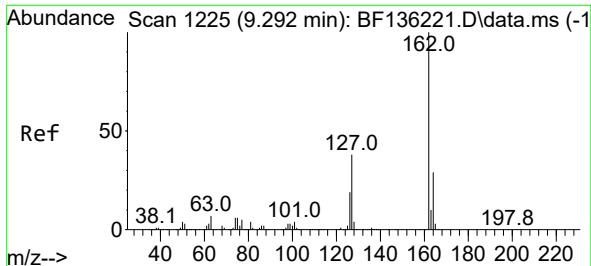


#46
1,1'-Biphenyl
Concen: 51.154 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



Tgt Ion:154 Resp: 896793
Ion Ratio Lower Upper
154 100
153 42.8 24.6 64.6
76 10.1 0.0 29.4





#47

2-Chloronaphthalene

Concen: 48.364 ng

RT: 9.287 min Scan# 1224

Delta R.T. -0.005 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Instrument :

BNA_F

ClientSampleId :

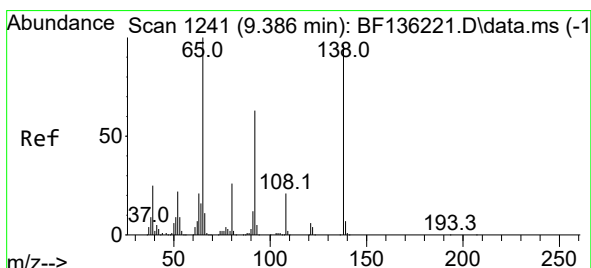
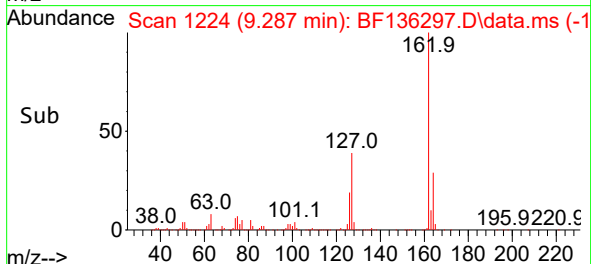
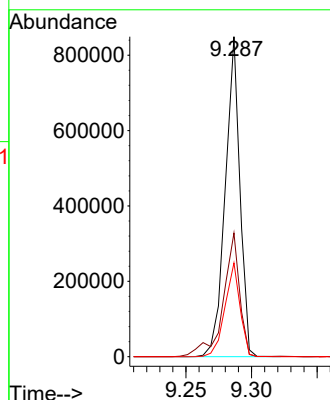
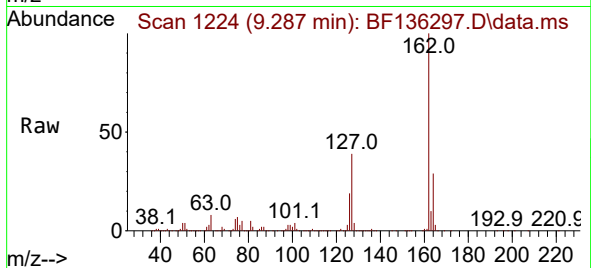
TR-06-11222023MSD

Tgt Ion:162 Resp: 658458
 Ion Ratio Lower Upper
 162 100
 127 38.7 30.2 45.2
 164 29.3 22.8 34.2

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

Concen: 48.258 ng

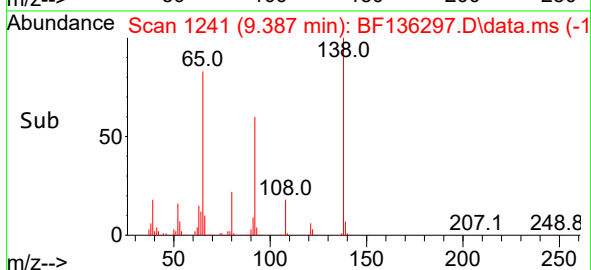
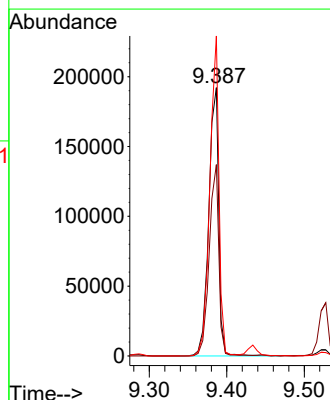
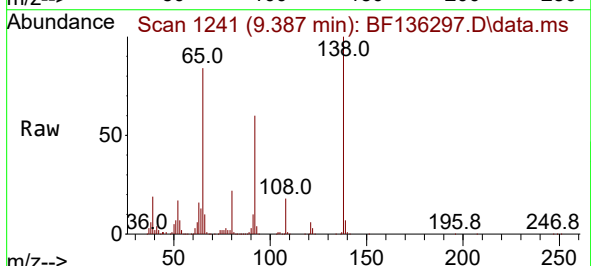
RT: 9.387 min Scan# 1241

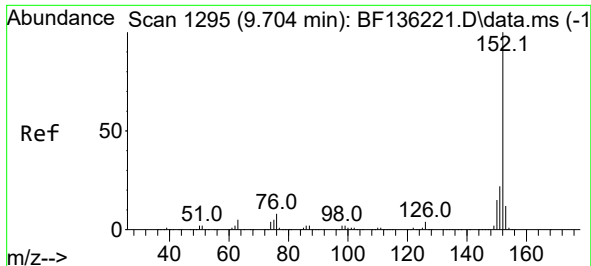
Delta R.T. 0.000 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

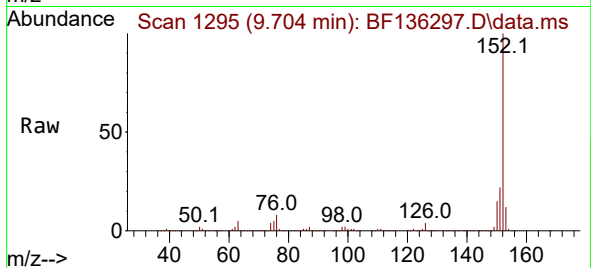
Tgt Ion: 65 Resp: 171534
 Ion Ratio Lower Upper
 65 100
 92 71.3 50.6 75.8
 138 119.2 76.7 115.1





#49
Acenaphthylene
Concen: 50.768 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

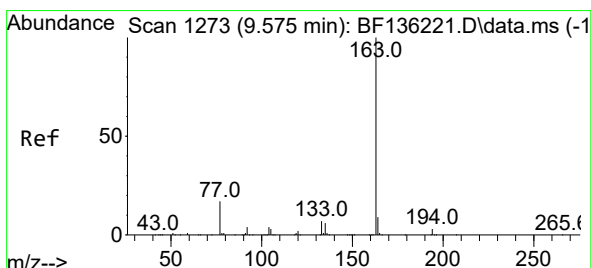
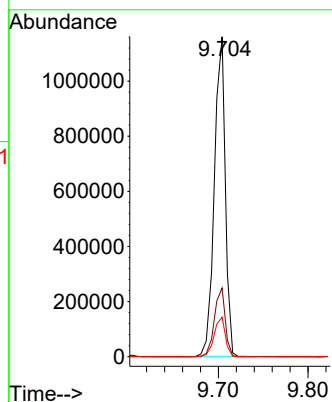
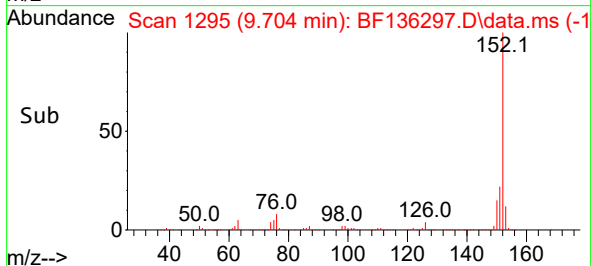
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



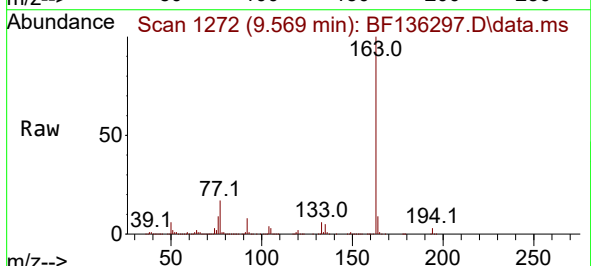
Tgt Ion:152 Resp: 98636
Ion Ratio Lower Upper
152 100
151 21.5 17.5 26.3
153 12.3 9.6 14.4

Manual Integrations
APPROVED

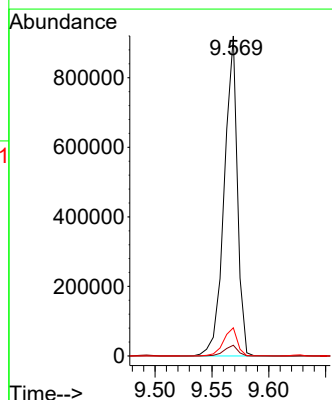
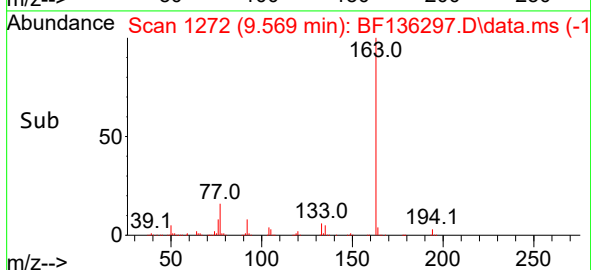
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

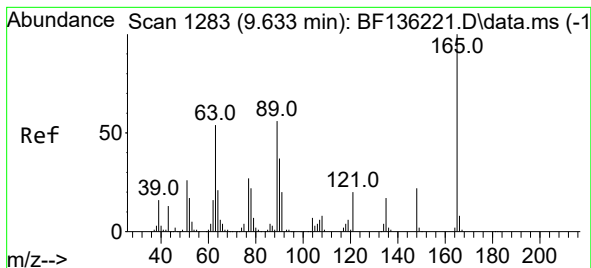


#50
Dimethylphthalate
Concen: 49.579 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



Tgt Ion:163 Resp: 744973
Ion Ratio Lower Upper
163 100
194 3.4 2.5 3.7
164 8.8 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 47.612 ng

RT: 9.628 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MSD

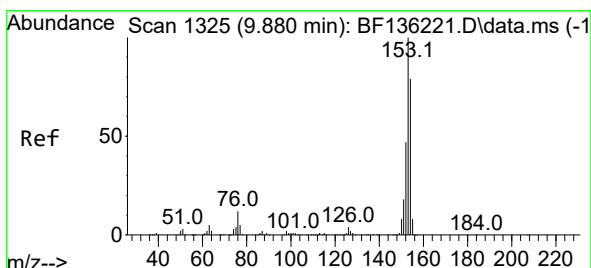
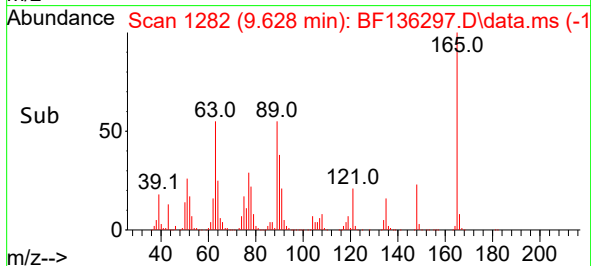
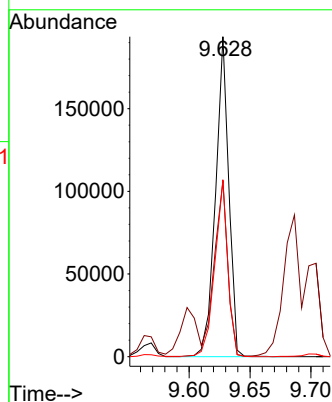
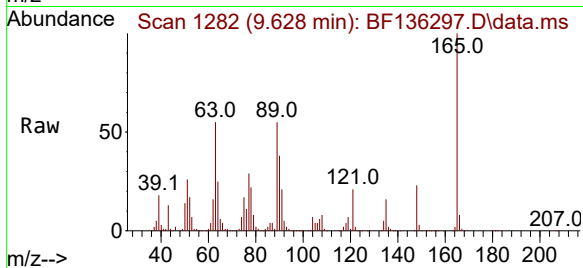
Tgt Ion:165 Resp: 146152
 Ion Ratio Lower Upper
 165 100
 63 54.9 46.2 69.2
 89 55.3 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#52

Acenaphthene

Concen: 46.634 ng

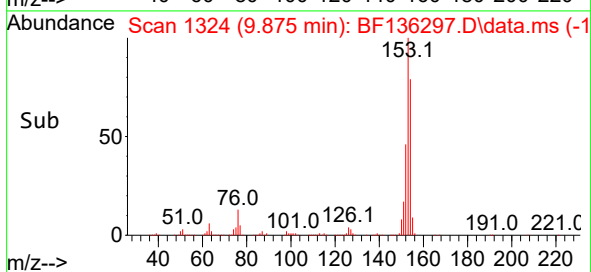
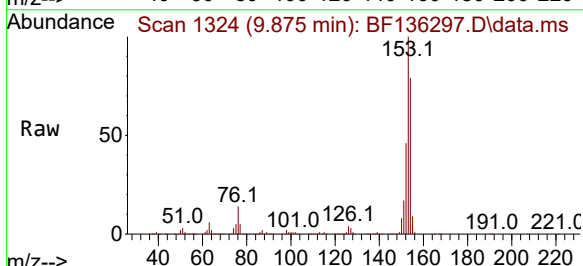
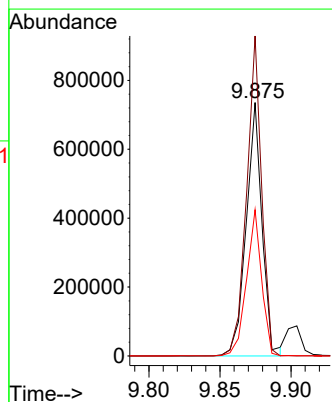
RT: 9.875 min Scan# 1324

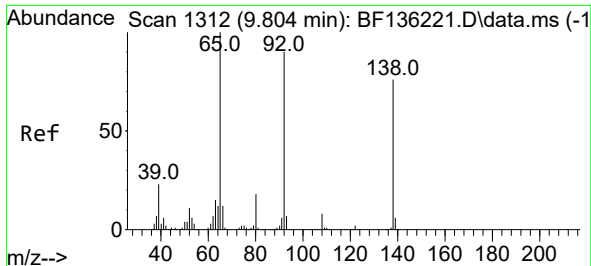
Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

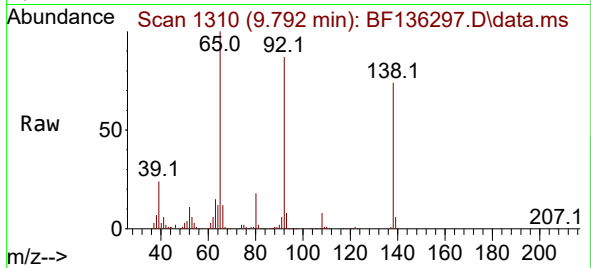
Tgt Ion:154 Resp: 572579
 Ion Ratio Lower Upper
 154 100
 153 126.2 100.8 151.2
 152 57.7 47.0 70.6





#53
3-Nitroaniline
Concen: 31.620 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

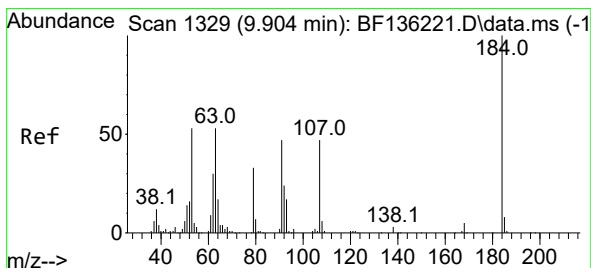
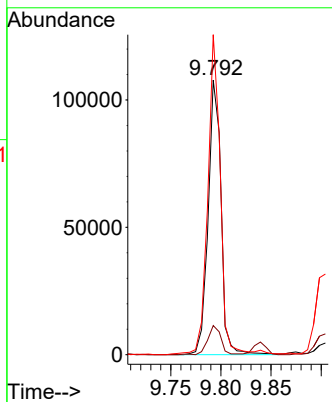
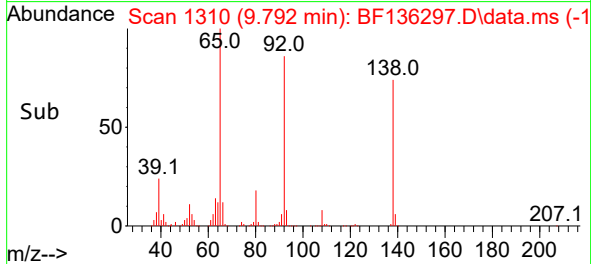
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



Tgt Ion:138 Resp: 96309
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 116.6 94.2 141.4

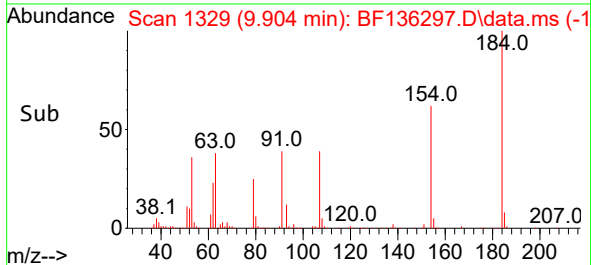
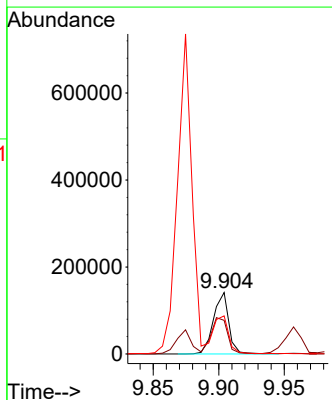
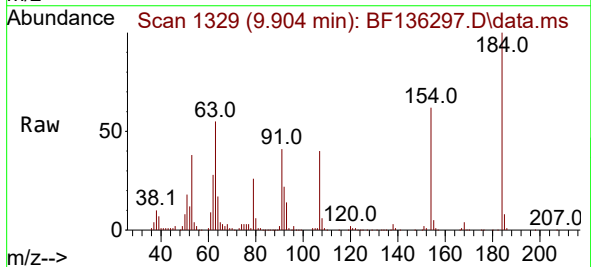
Manual Integrations
APPROVED

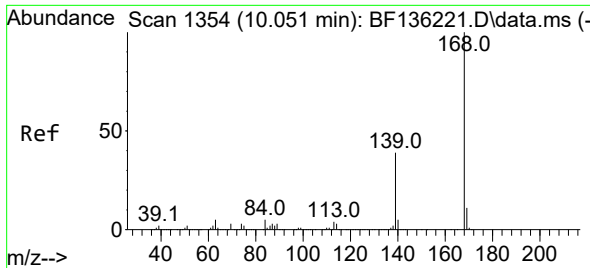
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#54
2,4-Dinitrophenol
Concen: 80.704 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

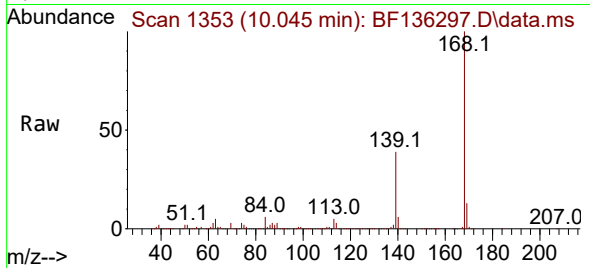
Tgt Ion:184 Resp: 115218
Ion Ratio Lower Upper
184 100
63 54.7 55.0 82.4#
154 61.9 54.9 82.3





#55
Dibenzenofuran
Concen: 46.236 ng
RT: 10.045 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

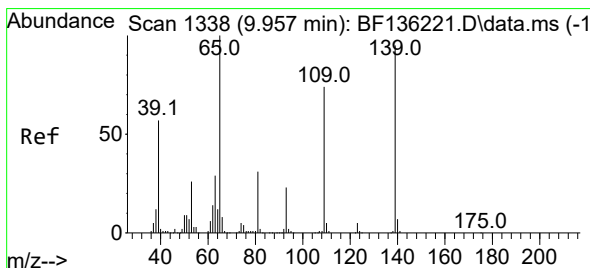
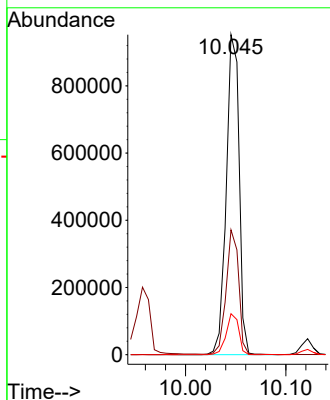
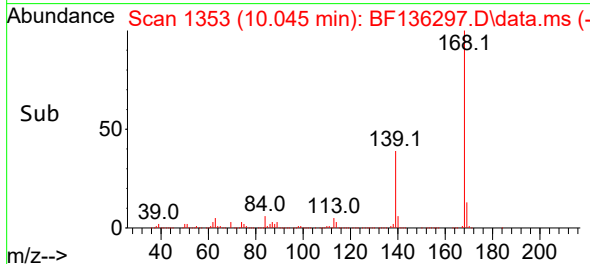
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



Tgt Ion:168 Resp: 844747
Ion Ratio Lower Upper
168 100
139 39.0 30.9 46.3
169 12.8 9.1 13.7

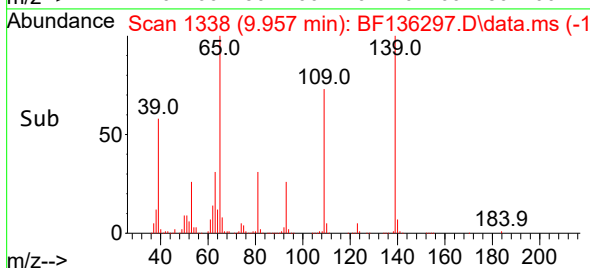
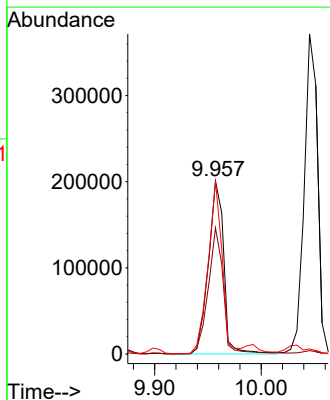
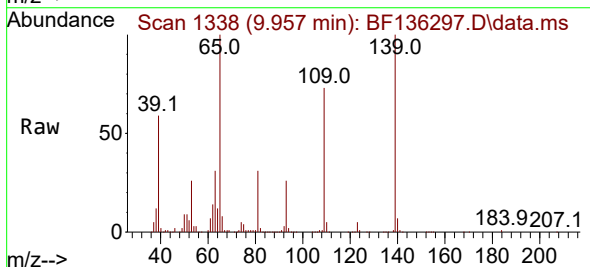
Manual Integrations
APPROVED

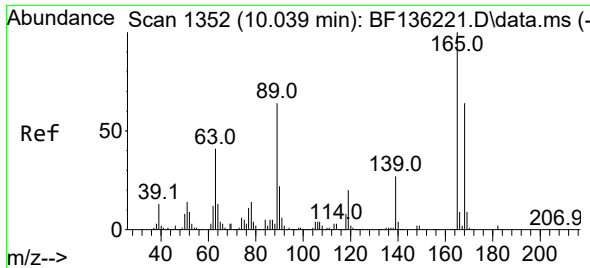
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 86.900 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

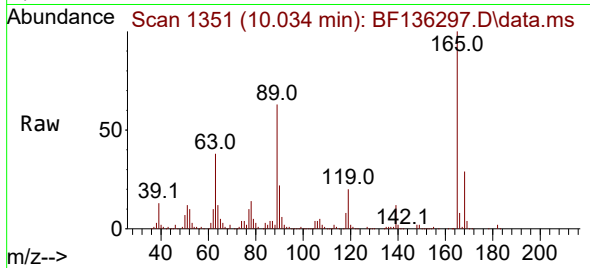
Tgt Ion:139 Resp: 201027
Ion Ratio Lower Upper
139 100
109 72.9 57.8 97.8
65 99.9 86.0 126.0





#57
2,4-Dinitrotoluene
Concen: 43.918 ng
RT: 10.034 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

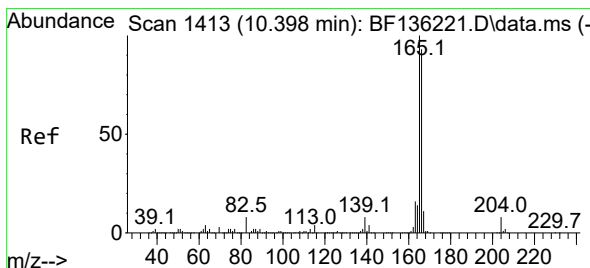
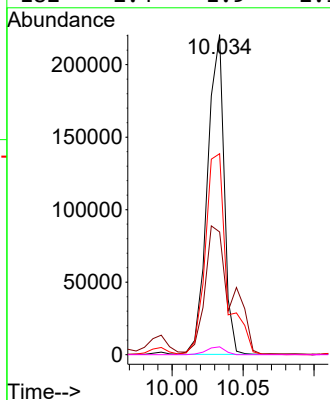
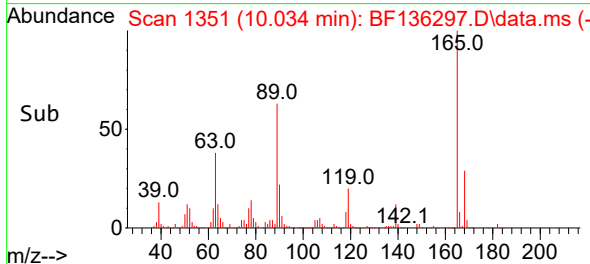
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



Tgt Ion:165 Resp: 180078
Ion Ratio Lower Upper
165 100
63 38.3 33.0 49.4
89 62.8 51.5 77.3
182 2.4 1.9 2.9

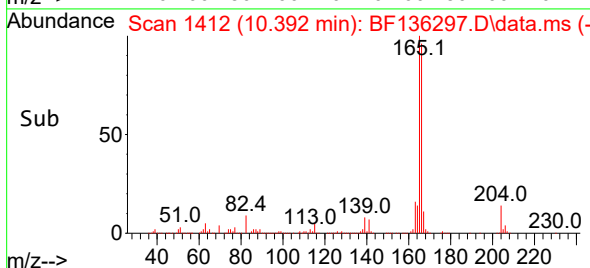
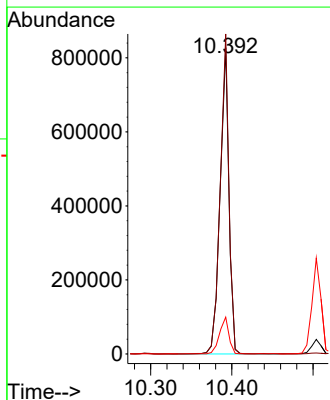
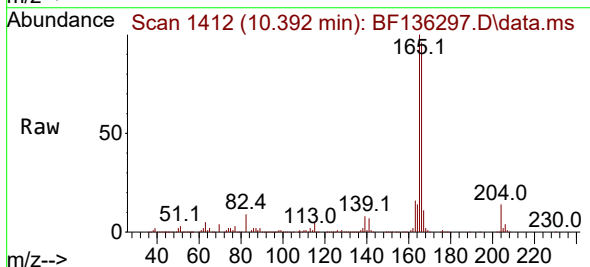
Manual Integrations
APPROVED

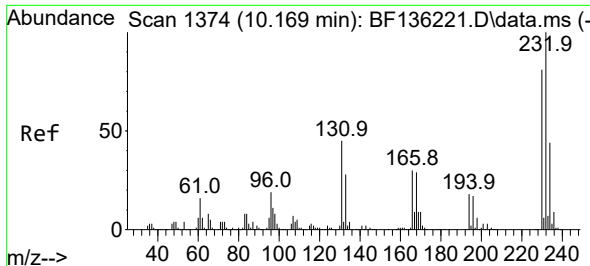
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#58
Fluorene
Concen: 43.989 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

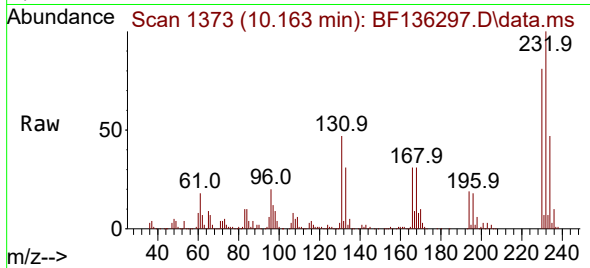
Tgt Ion:166 Resp: 630407
Ion Ratio Lower Upper
166 100
165 104.4 86.2 129.4
167 12.0 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.349 ng
RT: 10.163 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

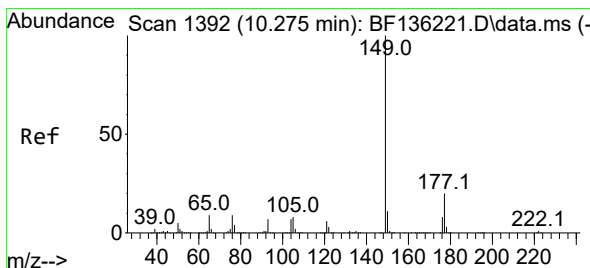
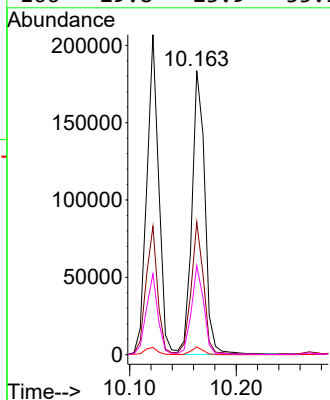
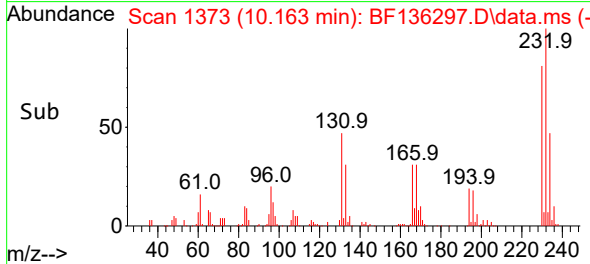
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



Tgt Ion:232 Resp: 154570
Ion Ratio Lower Upper
232 100
131 45.1 36.4 54.6
130 2.5 1.9 2.9
166 29.8 23.9 35.9

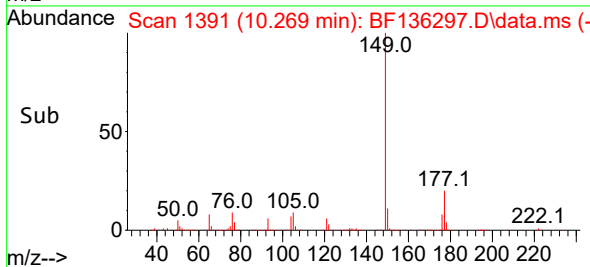
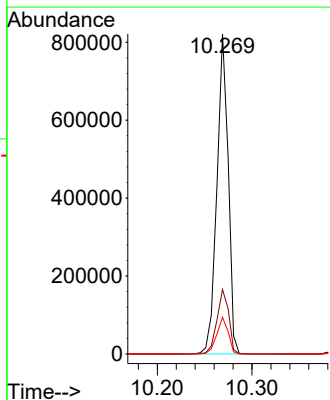
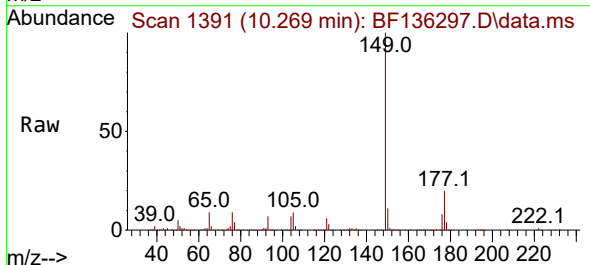
Manual Integrations
APPROVED

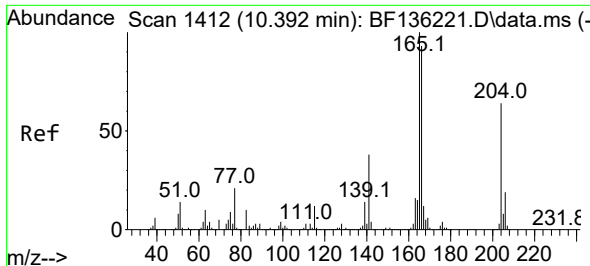
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#60
Diethylphthalate
Concen: 45.185 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

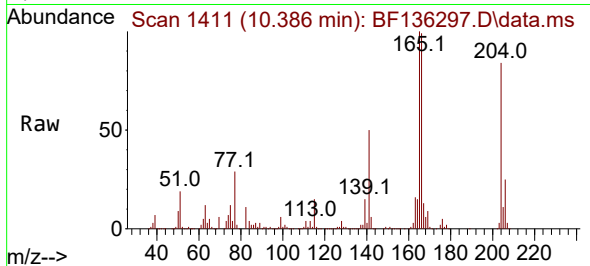
Tgt Ion:149 Resp: 679160
Ion Ratio Lower Upper
149 100
177 20.1 15.8 23.6
150 11.5 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 43.897 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

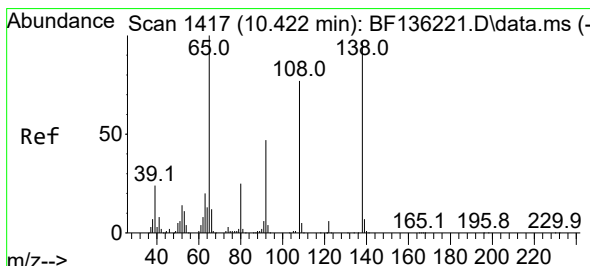
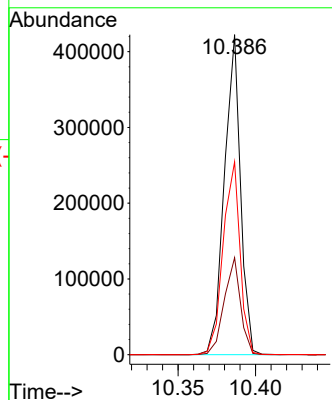
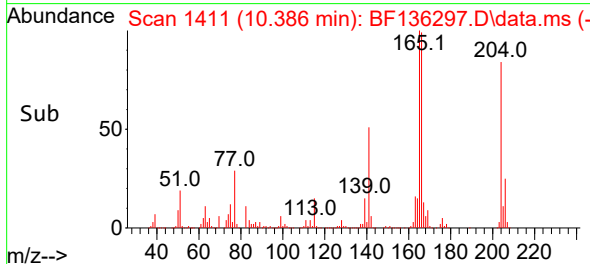
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



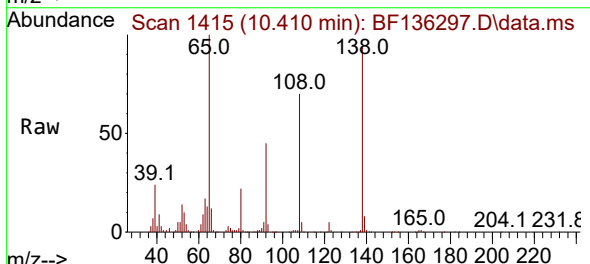
Tgt Ion:204 Resp: 30550
Ion Ratio Lower Upper
204 100
206 30.3 23.4 35.0
141 60.2 47.6 71.4

Manual Integrations
APPROVED

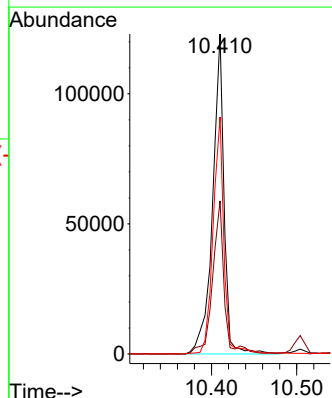
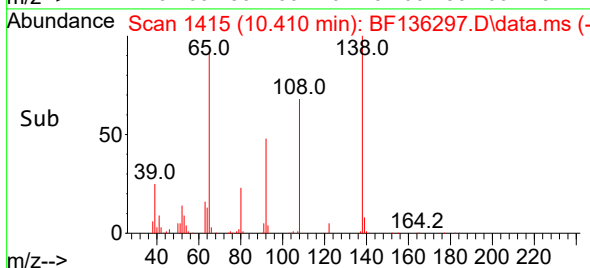
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

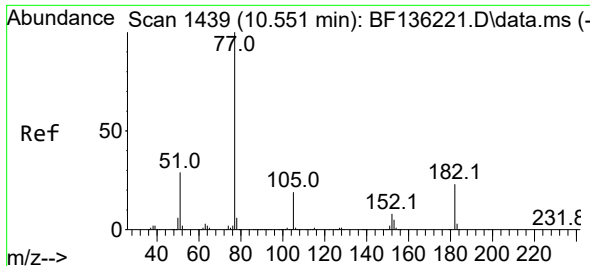


#62
4-Nitroaniline
Concen: 38.675 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



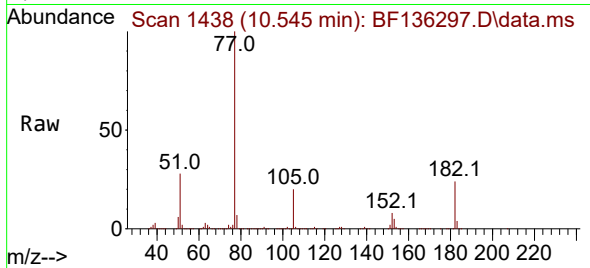
Tgt Ion:138 Resp: 115304
Ion Ratio Lower Upper
138 100
92 47.9 28.5 68.5
108 74.0 59.8 99.8





#63
Azobenzene
Concen: 42.206 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

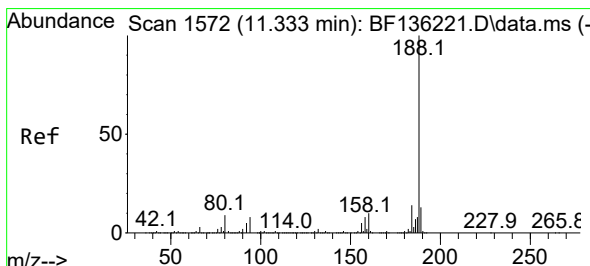
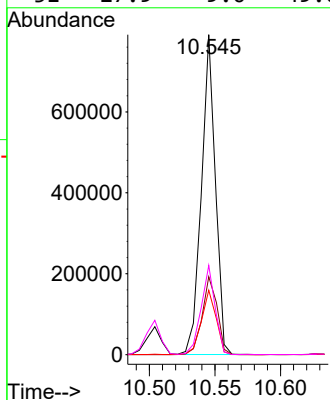
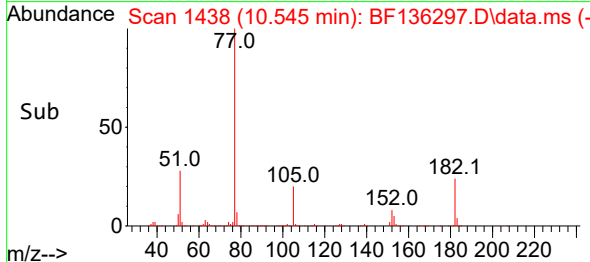
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



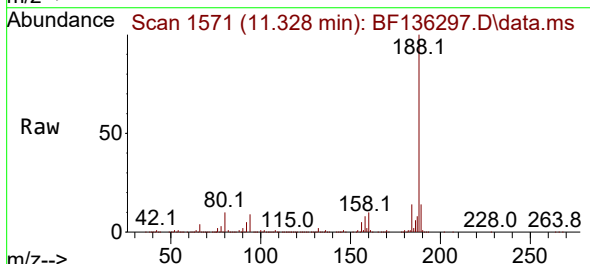
Tgt Ion: 77 Resp: 588120
Ion Ratio Lower Upper
77 100
182 24.4 3.3 43.3
105 20.2 0.0 39.5
51 27.9 9.0 49.0

Manual Integrations
APPROVED

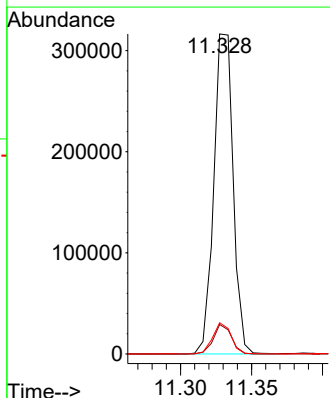
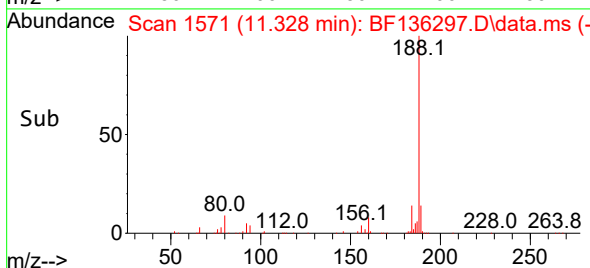
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

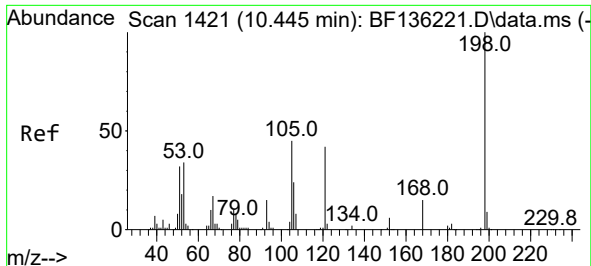


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



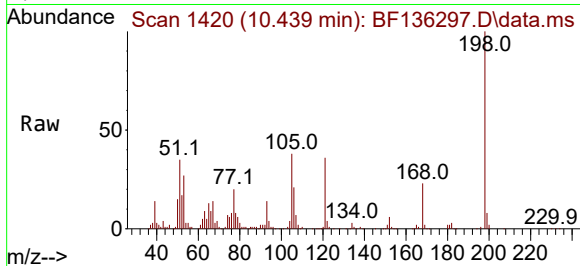
Tgt Ion:188 Resp: 299364
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.8 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 45.912 ng
RT: 10.439 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

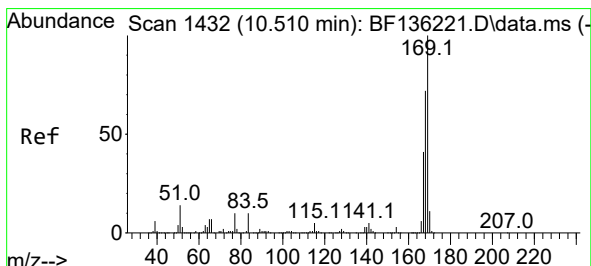
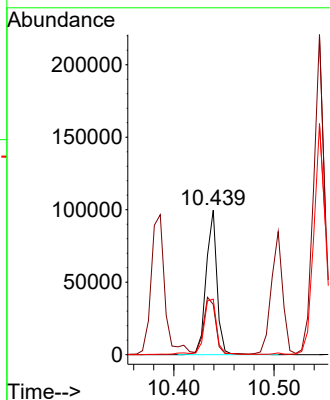
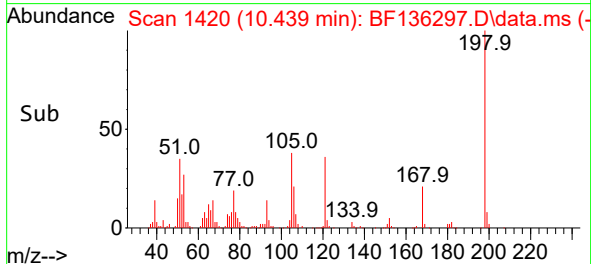
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



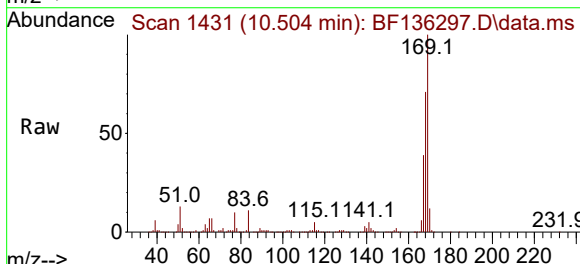
Tgt Ion:198 Resp: 7516
Ion Ratio Lower Upper
198 100
51 34.8 28.2 68.2
105 38.5 25.7 65.7

Manual Integrations
APPROVED

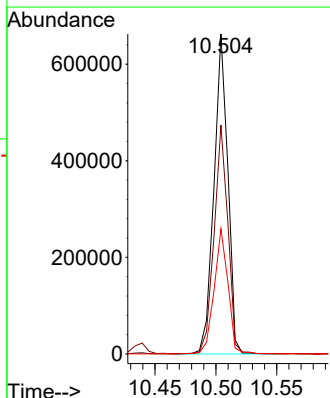
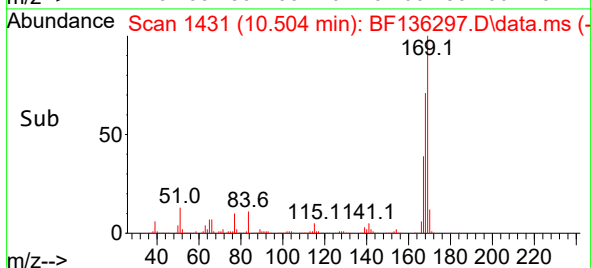
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

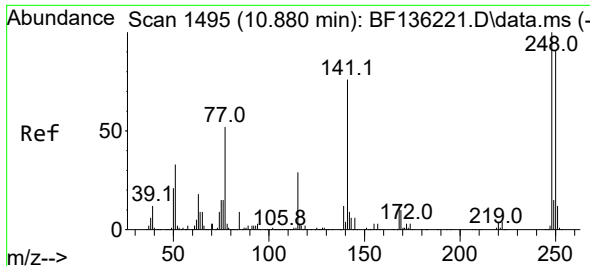


#66
n-Nitrosodiphenylamine
Concen: 54.843 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



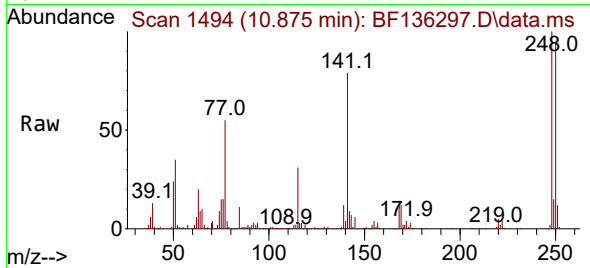
Tgt Ion:169 Resp: 526142
Ion Ratio Lower Upper
169 100
168 71.5 57.8 86.6
167 39.1 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 50.507 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

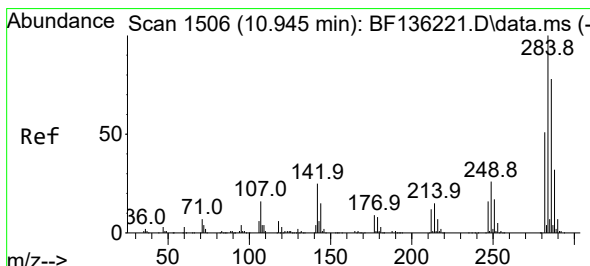
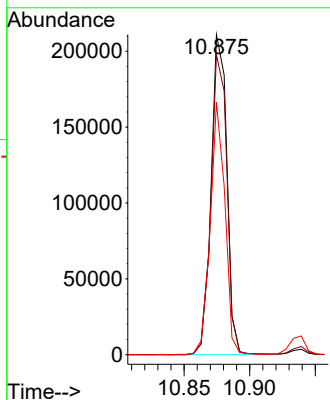
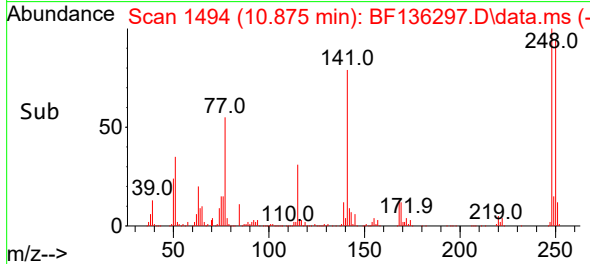
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



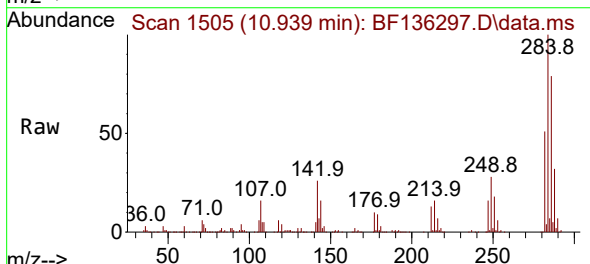
Tgt Ion:248 Resp: 176400
Ion Ratio Lower Upper
248 100
250 93.8 72.5 108.7
141 78.9 60.8 91.2

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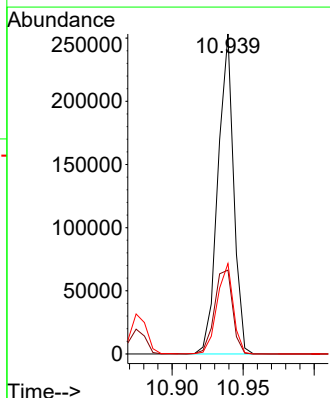
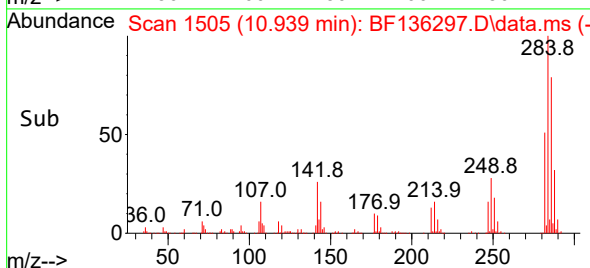
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

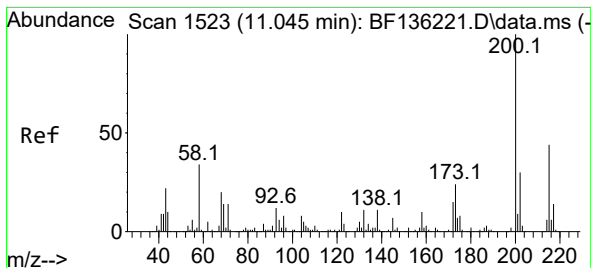


#68
Hexachlorobenzene
Concen: 48.256 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



Tgt Ion:284 Resp: 195058
Ion Ratio Lower Upper
284 100
142 26.2 19.8 29.8
249 28.3 21.0 31.4





#69

Atrazine

Concen: 57.256 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Instrument :

BNA_F

ClientSampleId :

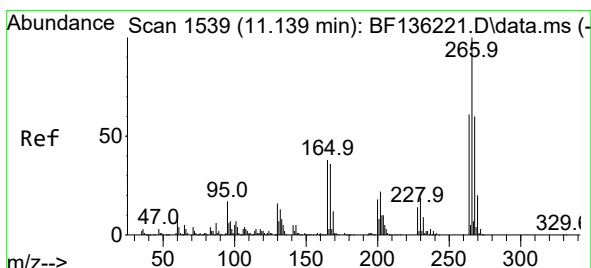
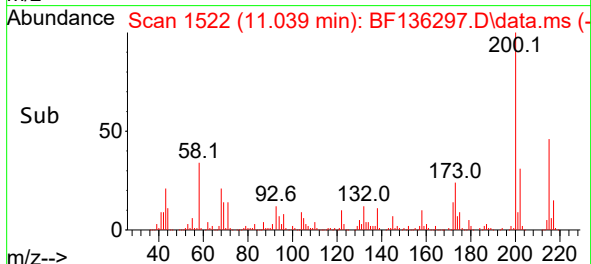
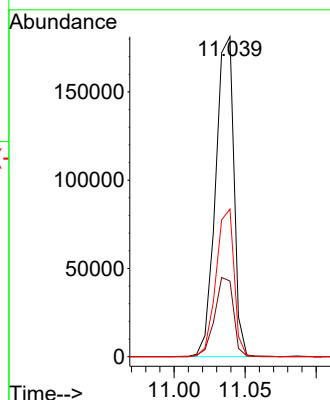
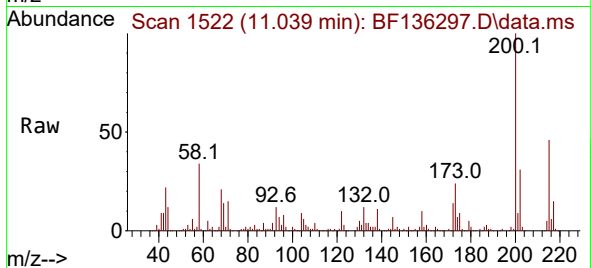
TR-06-11222023MSD

Tgt Ion:200 Resp: 162944
 Ion Ratio Lower Upper
 200 100
 173 23.7 4.3 44.3
 215 46.2 23.8 63.8

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 93.170 ng

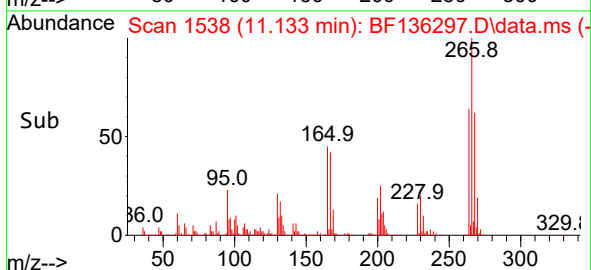
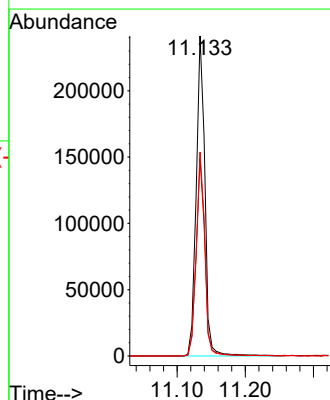
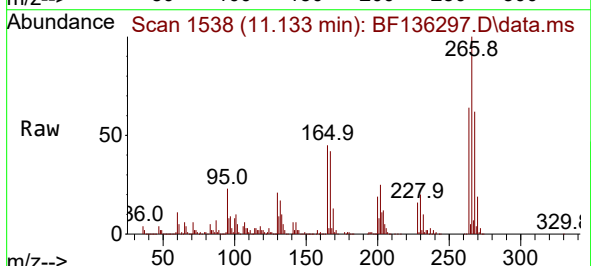
RT: 11.133 min Scan# 1538

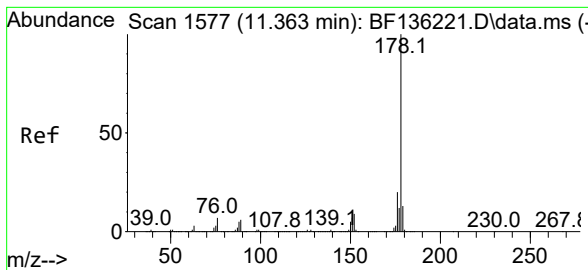
Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Tgt Ion:266 Resp: 212882
 Ion Ratio Lower Upper
 266 100
 268 61.9 47.9 71.9
 264 63.7 49.1 73.7





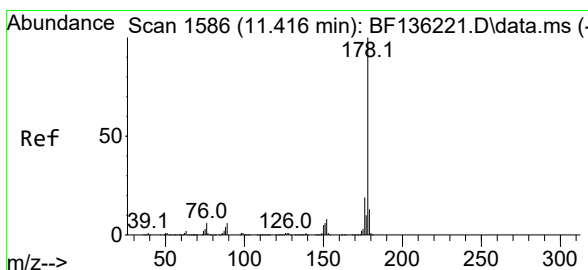
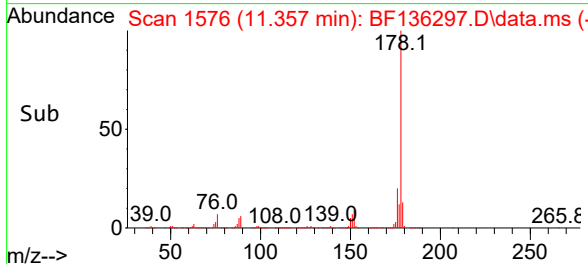
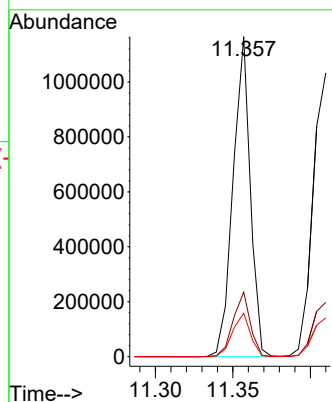
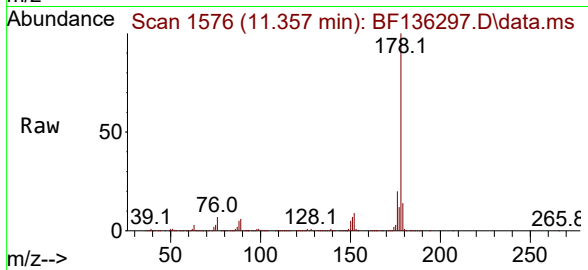
#71
Phenanthrene
Concen: 53.547 ng
RT: 11.357 min Scan# 11357
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD

Tgt Ion:178 Resp: 900961
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 13.6 10.3 15.5

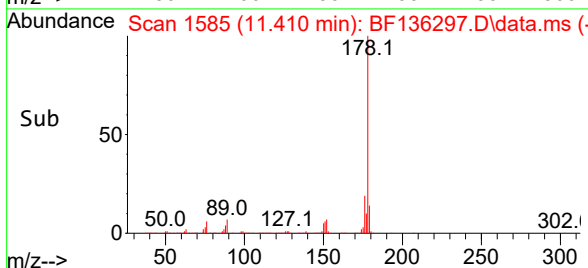
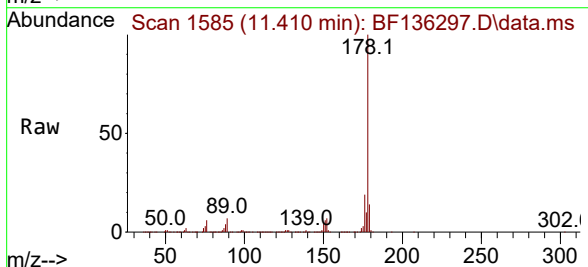
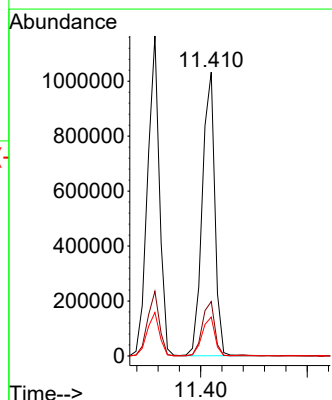
Manual Integrations
APPROVED

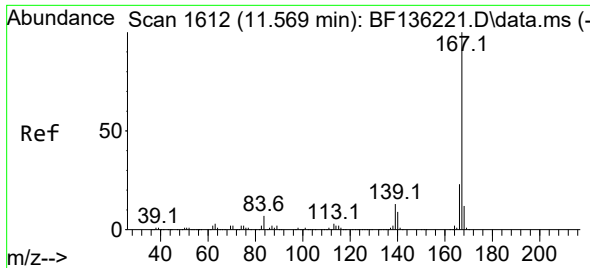
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 50.177 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

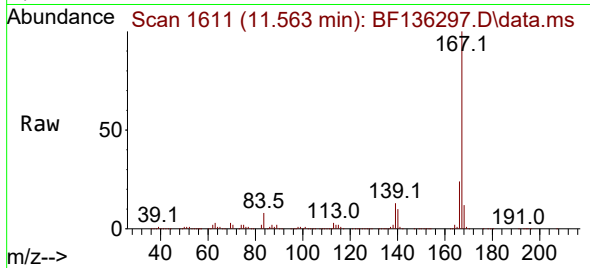
Tgt Ion:178 Resp: 846641
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 13.7 10.5 15.7





#73
 Carbazole
 Concen: 48.301 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.006 min
 Lab File: BF136297.D
 Acq: 29 Nov 2023 22:26

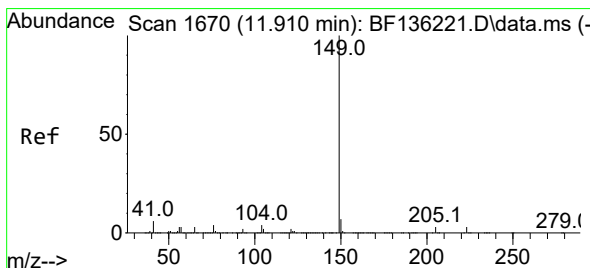
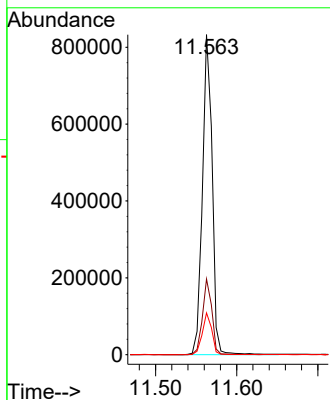
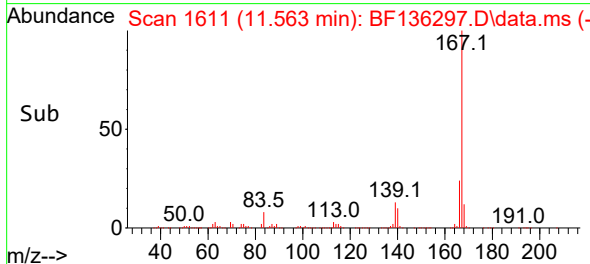
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-11222023MSD



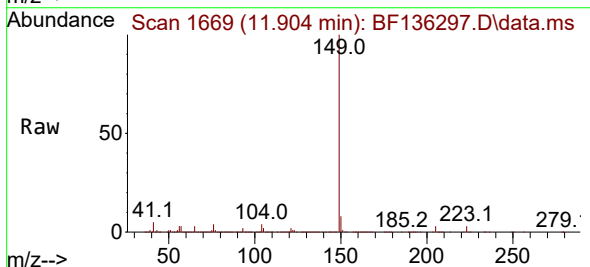
Tgt Ion:167 Resp: 693140
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.4 27.6
 139 13.1 10.5 15.7

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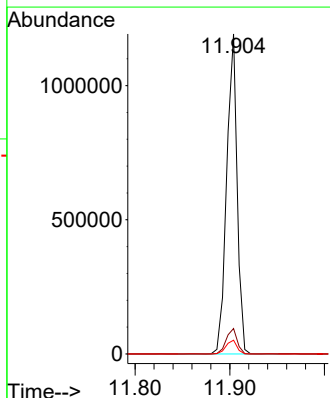
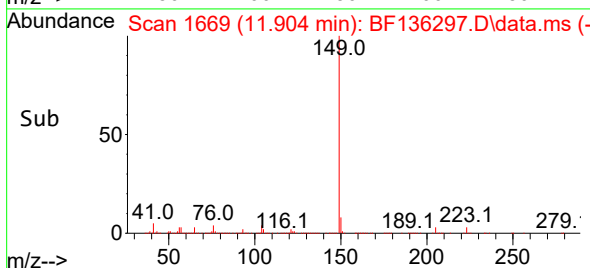
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

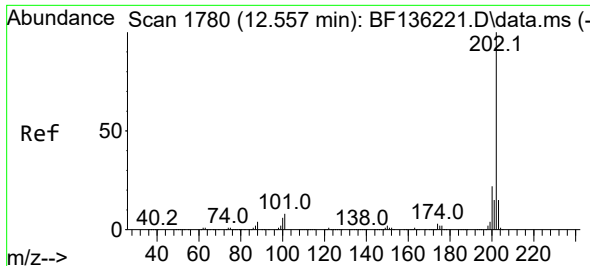


#74
 Di-n-butylphthalate
 Concen: 51.171 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136297.D
 Acq: 29 Nov 2023 22:26



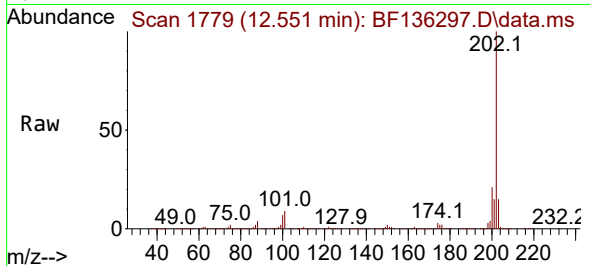
Tgt Ion:149 Resp: 918823
 Ion Ratio Lower Upper
 149 100
 150 7.9 6.0 9.0
 104 4.3 3.5 5.3





#75
Fluoranthene
Concen: 56.359 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

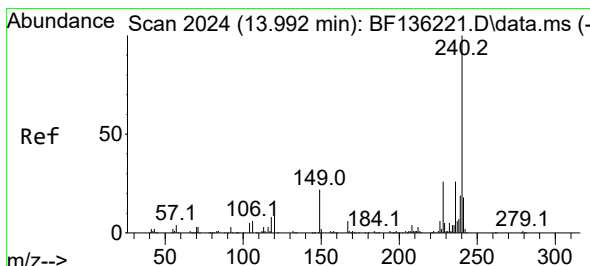
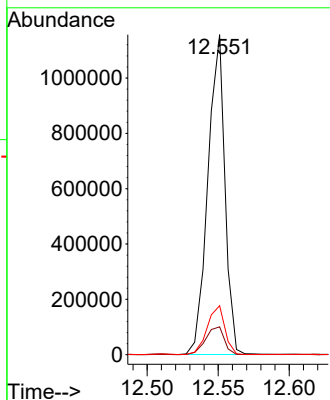
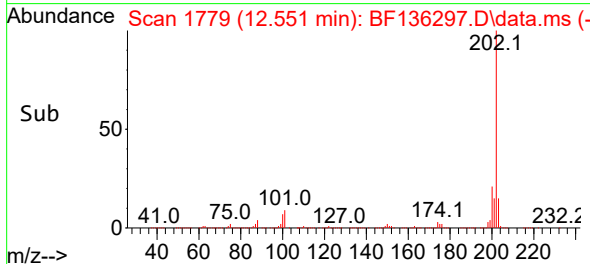
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



Tgt Ion:202 Resp: 962650
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.8
203 15.3 0.0 34.5

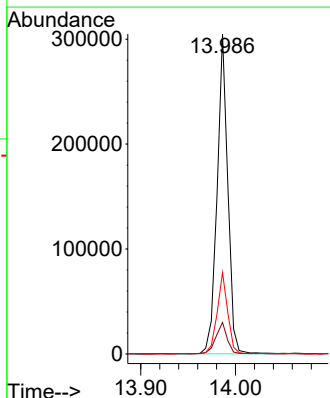
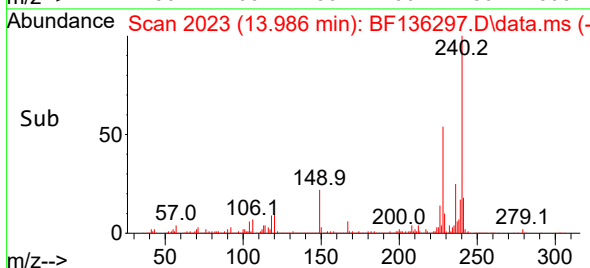
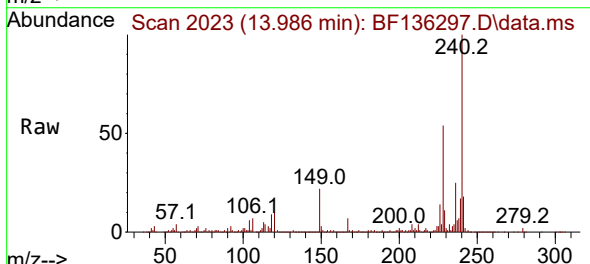
Manual Integrations
APPROVED

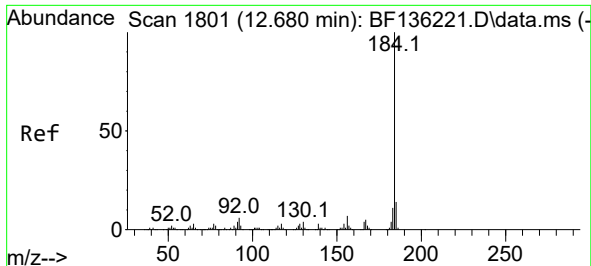
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

Tgt Ion:240 Resp: 238806
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.2
236 25.4 21.1 31.7





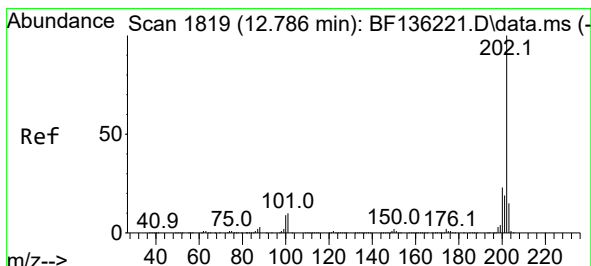
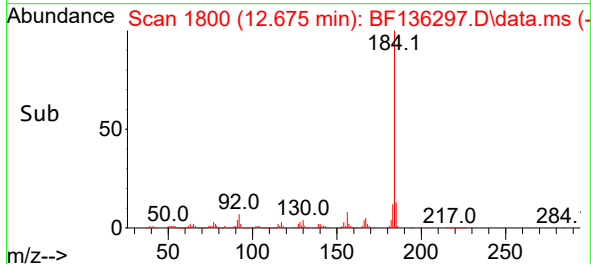
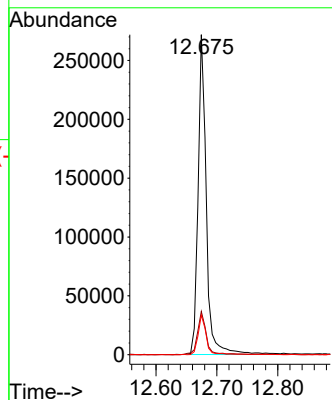
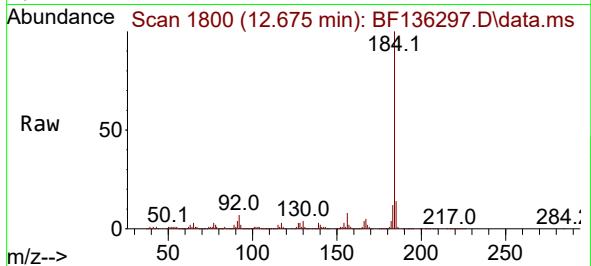
#77
Benzidine
Concen: 65.003 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.005 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD

Tgt Ion:184 Resp: 25517
Ion Ratio Lower Upper
184 100
185 13.5 11.0 16.6
183 12.4 9.0 13.4

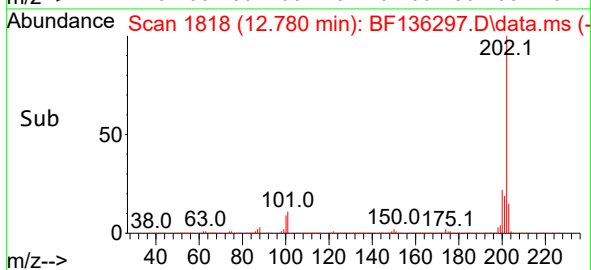
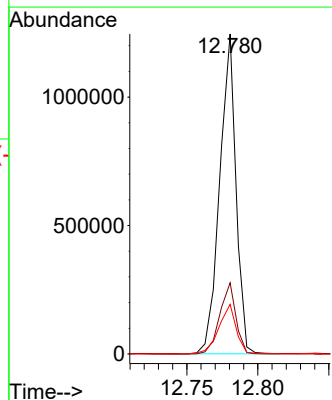
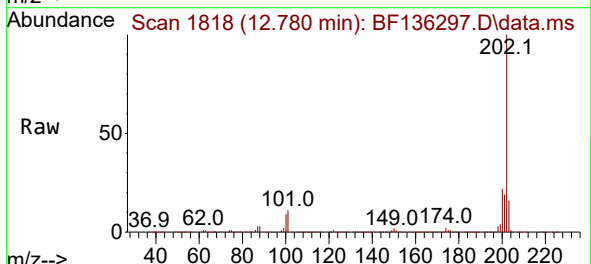
Manual Integrations
APPROVED

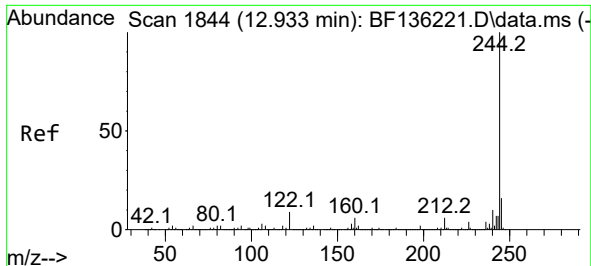
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#78
Pyrene
Concen: 37.875 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

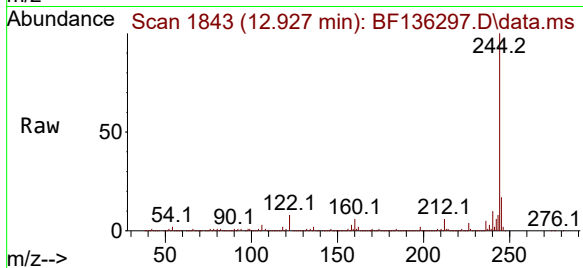
Tgt Ion:202 Resp: 990571
Ion Ratio Lower Upper
202 100
200 22.3 18.4 27.6
203 15.5 11.8 17.6





#79
 Terphenyl-d14
 Concen: 42.681 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136297.D
 Acq: 29 Nov 2023 22:26

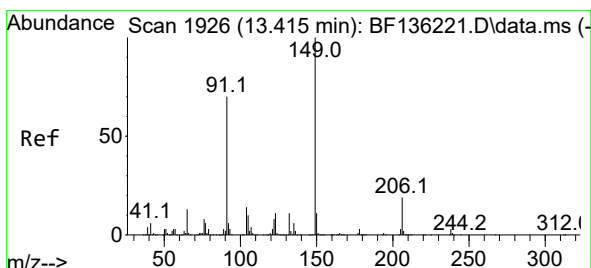
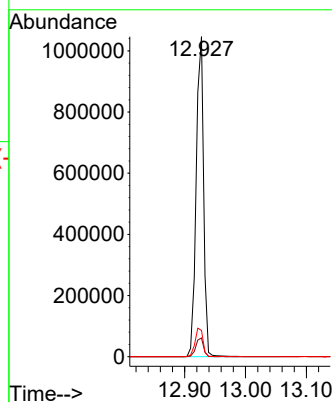
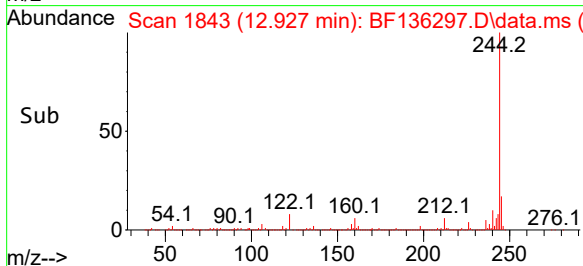
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-11222023MSD



Tgt Ion:244 Resp: 883617
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 8.2 7.3 10.9

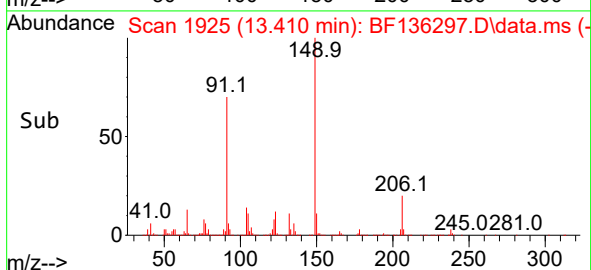
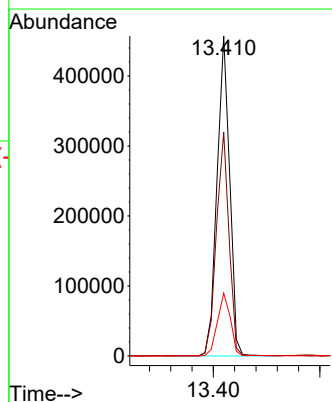
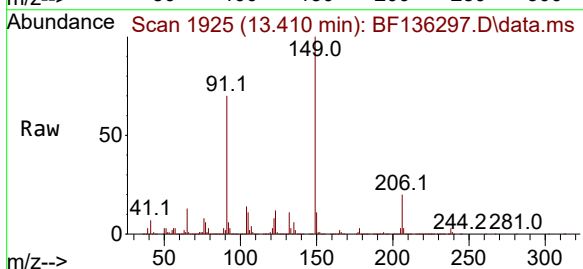
Manual Integrations
 APPROVED

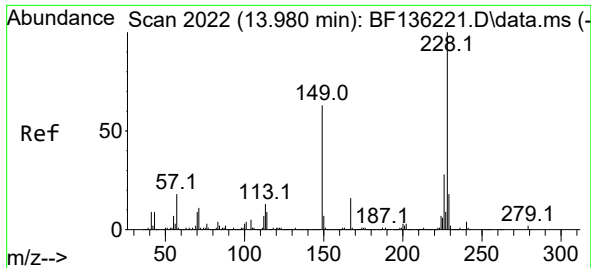
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023



#80
 Butylbenzylphthalate
 Concen: 46.018 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136297.D
 Acq: 29 Nov 2023 22:26

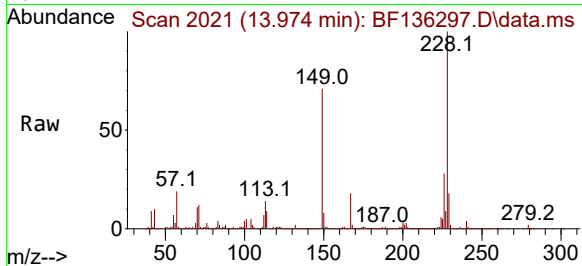
Tgt Ion:149 Resp: 374563
 Ion Ratio Lower Upper
 149 100
 91 70.0 56.4 84.6
 206 19.6 14.8 22.2





#81
Benzo(a)anthracene
Concen: 50.224 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

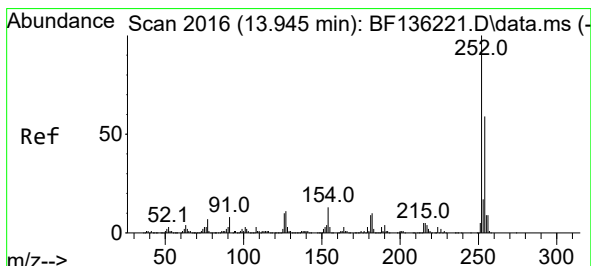
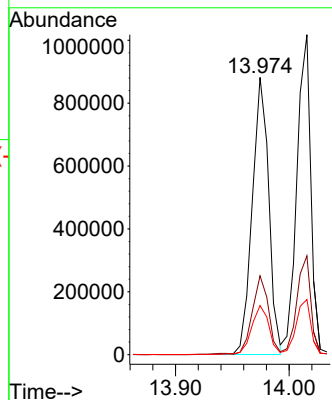
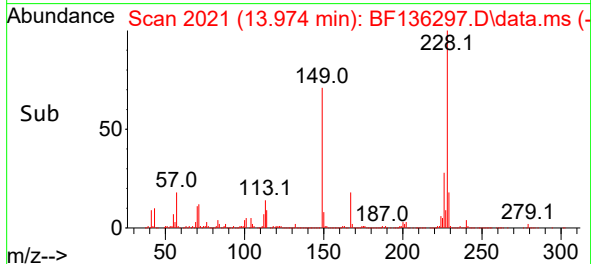
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



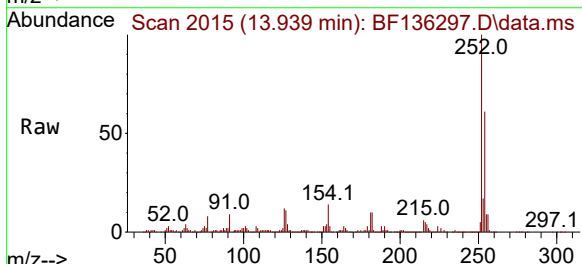
Tgt Ion:228 Resp: 890864
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 17.7 14.0 21.0

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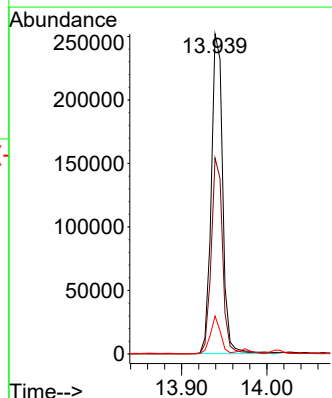
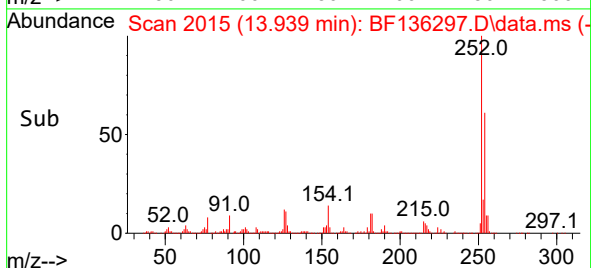
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

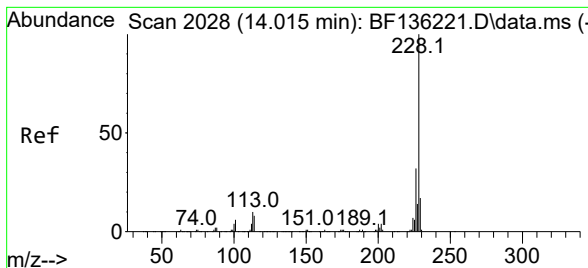


#82
3,3'-Dichlorobenzidine
Concen: 54.938 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



Tgt Ion:252 Resp: 234573
Ion Ratio Lower Upper
252 100
254 61.2 47.4 71.2
126 11.9 8.3 12.5





#83

Chrysene

Concen: 50.667 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MSD

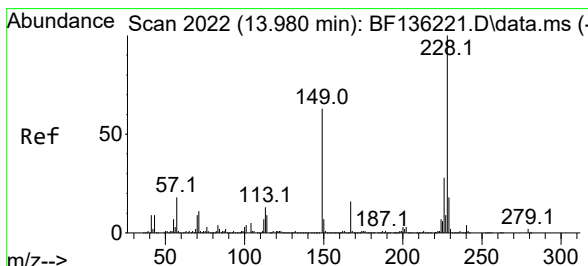
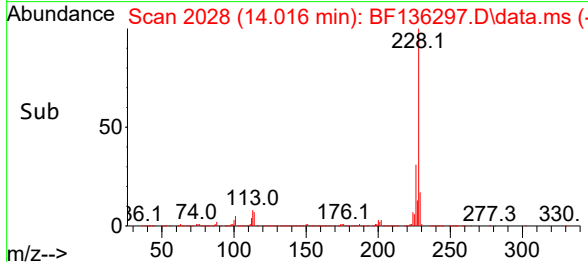
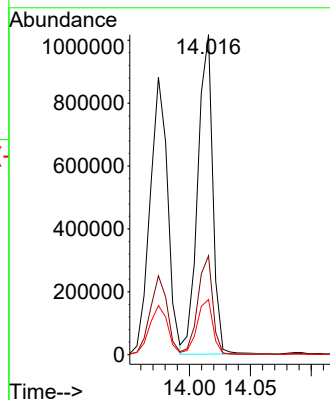
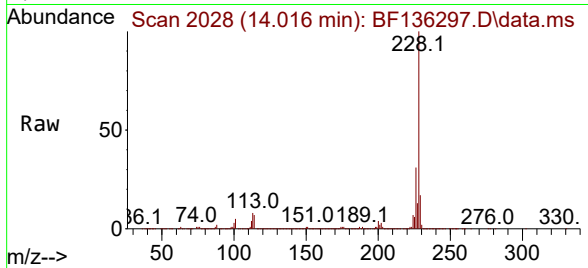
Tgt Ion:228 Resp: 867745
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.5 38.3
 229 17.2 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.749 ng

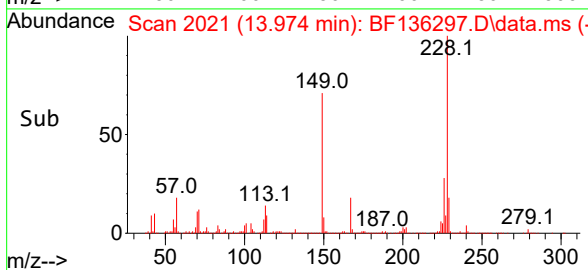
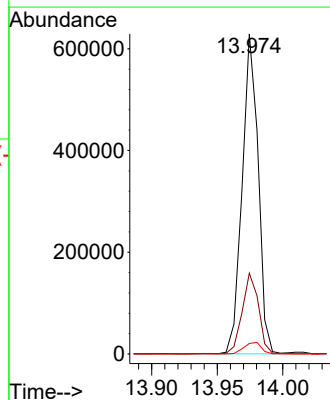
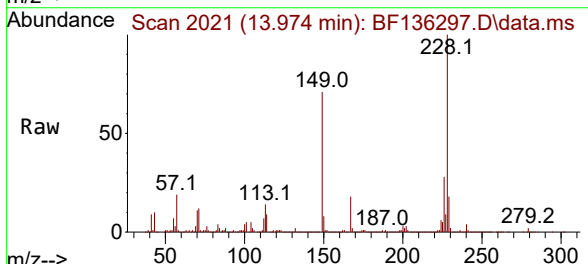
RT: 13.974 min Scan# 2021

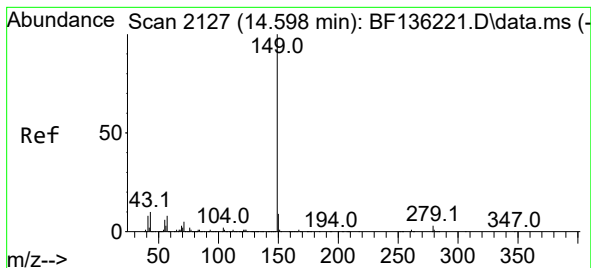
Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Tgt Ion:149 Resp: 534818
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.2 30.2
 279 3.3 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 63.602 ng

RT: 14.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF136297.D

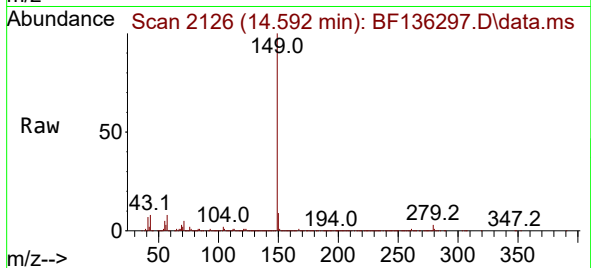
Acq: 29 Nov 2023 22:26

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MSD



Tgt Ion:149 Resp: 1038890

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

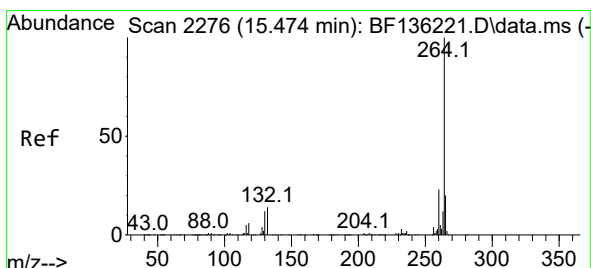
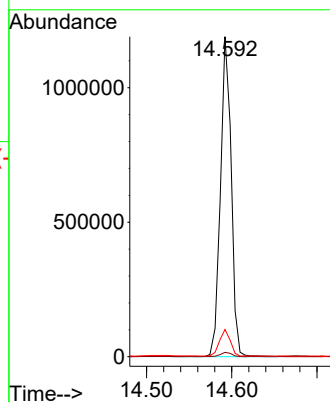
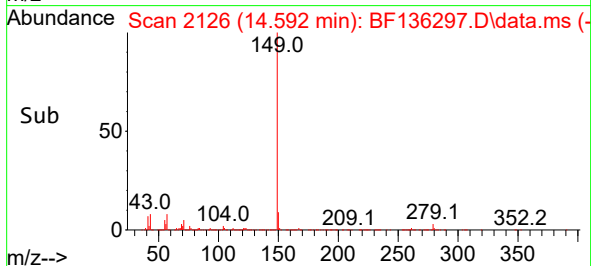
43 8.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

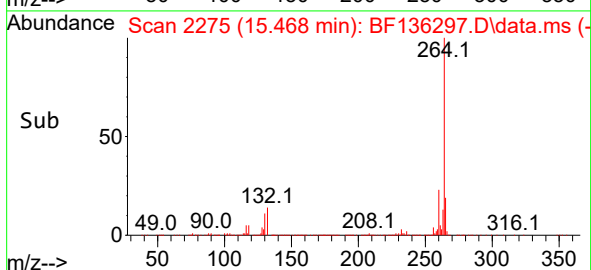
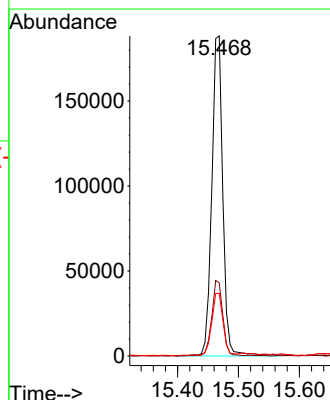
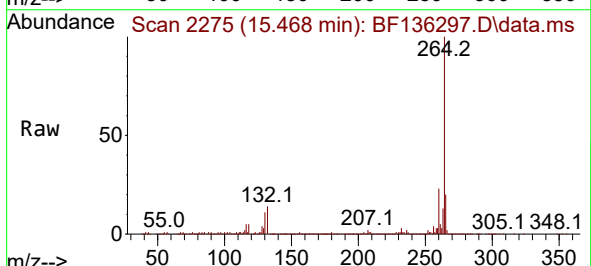
Tgt Ion:264 Resp: 237542

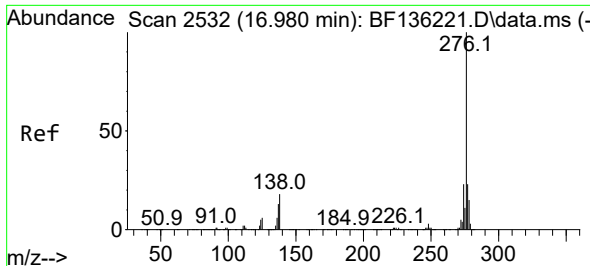
Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

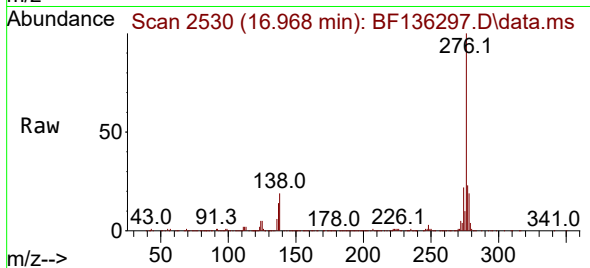
265 19.6 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 32.667 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

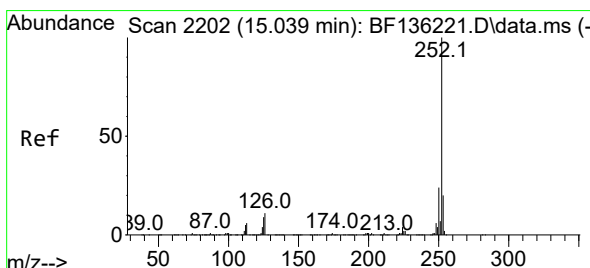
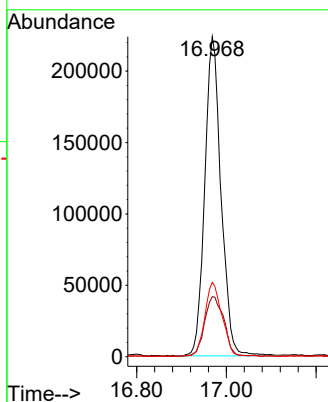
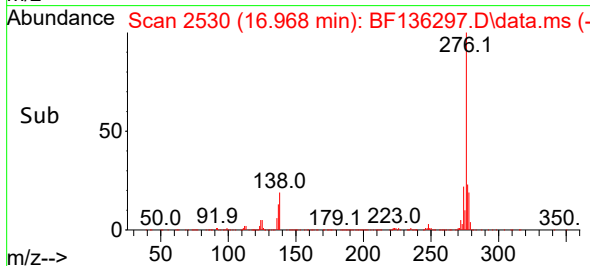
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



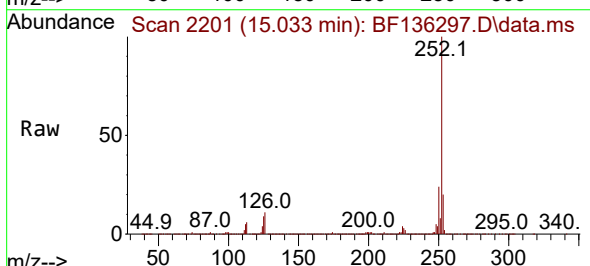
Tgt Ion:276 Resp: 56393
Ion Ratio Lower Upper
276 100
138 22.2 17.7 26.5
277 24.4 19.6 29.4

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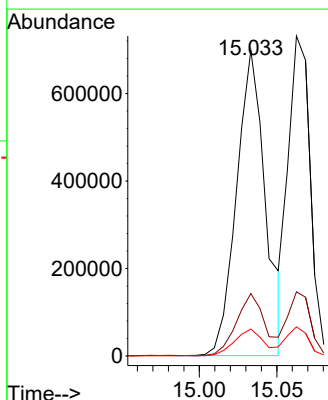
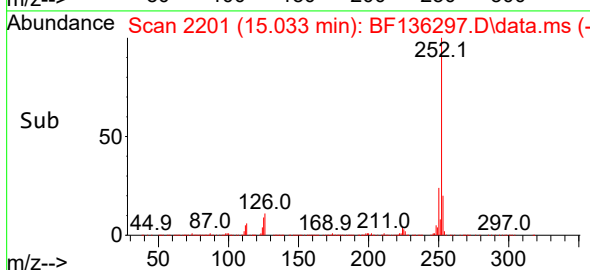
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

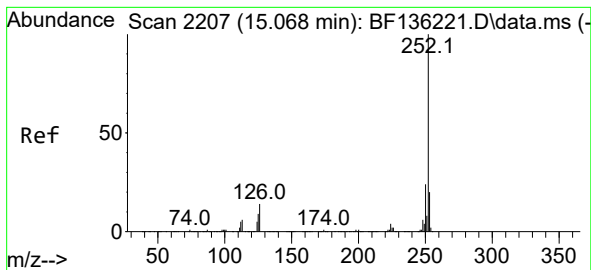


#88
Benzo(b)fluoranthene
Concen: 54.100 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



Tgt Ion:252 Resp: 901613
Ion Ratio Lower Upper
252 100
253 20.4 16.2 24.2
125 8.8 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 45.612 ng

RT: 15.063 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MSD

Tgt Ion:252 Resp: 72196

Ion Ratio Lower Upper

252 100

253 20.1 15.6 23.4

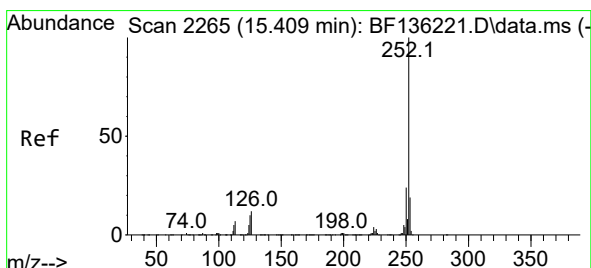
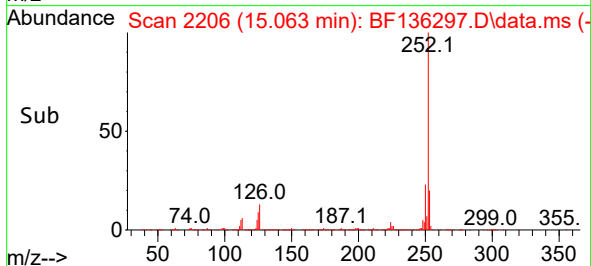
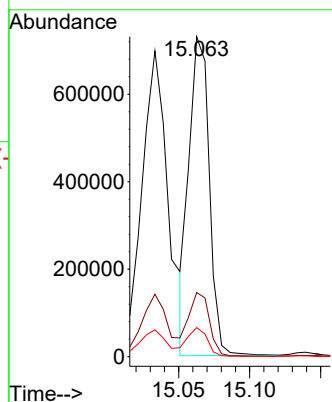
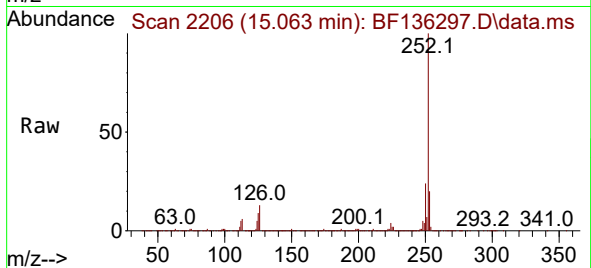
125 9.1 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#90

Benzo(a)pyrene

Concen: 48.722 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.005 min

Lab File: BF136297.D

Acq: 29 Nov 2023 22:26

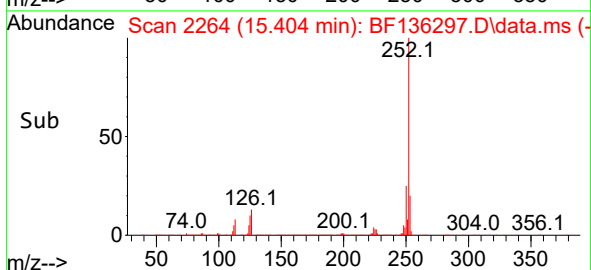
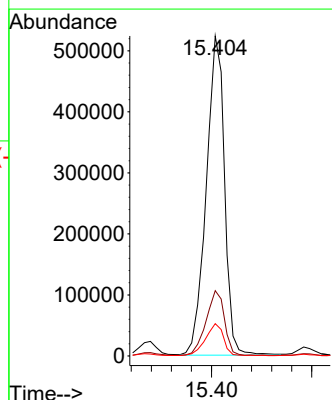
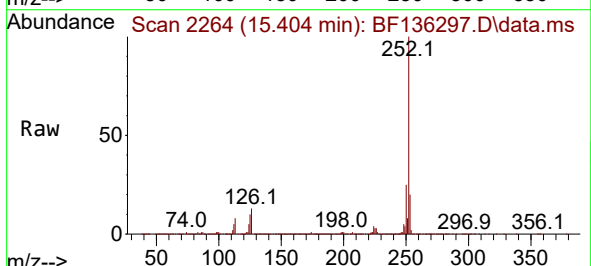
Tgt Ion:252 Resp: 663770

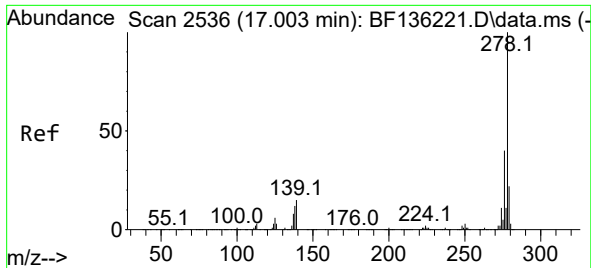
Ion Ratio Lower Upper

252 100

253 20.4 15.5 23.3

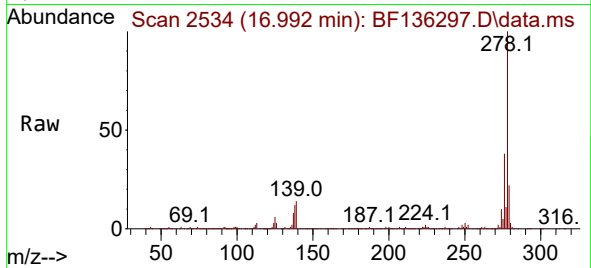
125 10.1 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 32.808 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26

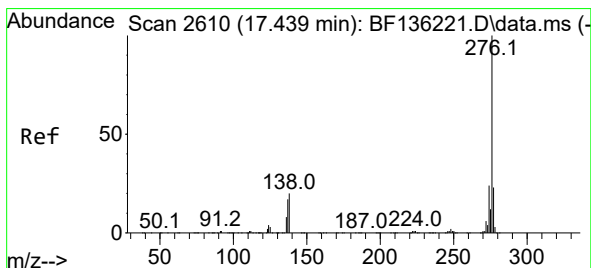
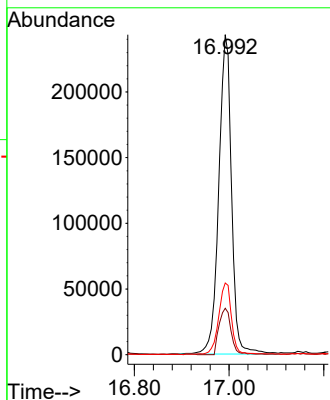
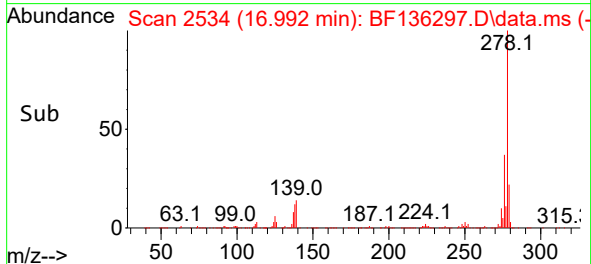
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MSD



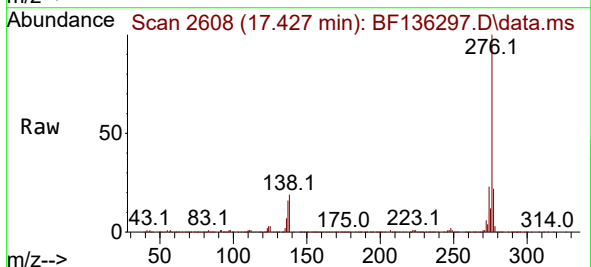
Tgt Ion:278 Resp: 45456
Ion Ratio Lower Upper
278 100
139 14.5 11.7 17.5
279 22.4 17.8 26.8

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



#92
Benzo(g,h,i)perylene
Concen: 30.238 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.012 min
Lab File: BF136297.D
Acq: 29 Nov 2023 22:26



Tgt Ion:276 Resp: 421934
Ion Ratio Lower Upper
276 100
277 22.2 18.6 27.8
138 18.8 15.8 23.8

