

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136296.D
 Acq On : 29 Nov 2023 21:54
 Operator : CG\JU
 Sample : 05540-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-11222023MS

Quant Time: Nov 29 23:50:42 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	135820	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	543981	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	231319	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	338116	20.000	ng	0.00
76) Chrysene-d12	13.986	240	257779	20.000	ng	0.00
86) Perylene-d12	15.468	264	262168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	856663	87.789	ng	0.00
7) Phenol-d6	6.445	99	1041571	85.365	ng	0.00
23) Nitrobenzene-d5	7.369	82	638589	62.034	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	229415	81.121	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1164516	64.303	ng	0.00
79) Terphenyl-d14	12.927	244	910598	40.747	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	126013	34.129	ng	97
3) Pyridine	3.393	79	307557	33.744	ng	98
4) n-Nitrosodimethylamine	3.357	42	177928	38.619	ng	91
6) Aniline	6.469	93	381244	33.058	ng	98
8) 2-Chlorophenol	6.593	128	449082	42.266	ng	94
9) Benzaldehyde	6.357	77	43262	6.362	ng	96
10) Phenol	6.457	94	538550	41.142	ng	97
11) bis(2-Chloroethyl)ether	6.545	93	406208	42.301	ng	98
12) 1,3-Dichlorobenzene	6.745	146	477363	39.589	ng	97
13) 1,4-Dichlorobenzene	6.822	146	494339	40.328	ng	99
14) 1,2-Dichlorobenzene	6.975	146	463647	39.954	ng	98
15) Benzyl Alcohol	6.951	79	359187	41.987	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	547942	41.079	ng	99
17) 2-Methylphenol	7.063	107	347351	41.583	ng	100
18) Hexachloroethane	7.316	117	167674	38.998	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	303426	41.580	ng	96
20) 3+4-Methylphenols	7.216	107	433153	39.899	ng	98
22) Acetophenone	7.216	105	625506	43.782	ng	# 96
24) Nitrobenzene	7.387	77	427256	40.956	ng	96
25) Isophorone	7.628	82	805116	43.374	ng	97
26) 2-Nitrophenol	7.698	139	220607	49.632	ng	98
27) 2,4-Dimethylphenol	7.739	122	318889	54.508	ng	97
28) bis(2-Chloroethoxy)met...	7.839	93	494765	44.066	ng	98
29) 2,4-Dichlorophenol	7.939	162	346047	43.853	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	406715	42.098	ng	98
31) Naphthalene	8.104	128	1302691	42.605	ng	98
32) Benzoic acid	7.863	122	238894	44.805	ng	95
33) 4-Chloroaniline	8.151	127	124479	11.977	ng	98
34) Hexachlorobutadiene	8.222	225	232287	41.097	ng	99
35) Caprolactam	8.534	113	95459m	43.273	ng	
36) 4-Chloro-3-methylphenol	8.639	107	343605	40.148	ng	97
37) 2-Methylnaphthalene	8.798	142	775774	40.447	ng	100
38) 1-Methylnaphthalene	8.898	142	743892	39.758	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	373808	50.777	ng	99
41) Hexachlorocyclopentadiene	8.951	237	303824	107.257	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	231066	48.358	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	236509	45.356	ng	99
46) 1,1'-Biphenyl	9.263	154	997633	48.906	ng	99
47) 2-Chloronaphthalene	9.286	162	735980	46.459	ng	97
48) 2-Nitroaniline	9.386	65	193021	46.669	ng	89
49) Acenaphthylene	9.704	152	1114774	49.311	ng	99
50) Dimethylphthalate	9.569	163	820962	46.956	ng	99
51) 2,6-Dinitrotoluene	9.628	165	165419	46.313	ng	98
52) Acenaphthene	9.875	154	633072	44.313	ng	99
53) 3-Nitroaniline	9.798	138	107045	30.204	ng	92
54) 2,4-Dinitrophenol	9.904	184	135860	81.785	ng	96
55) Dibenzofuran	10.051	168	949131	44.647	ng	97
56) 4-Nitrophenol	9.963	139	215851	80.192	ng	88
57) 2,4-Dinitrotoluene	10.033	165	197692	41.436	ng	97
58) Fluorene	10.392	166	702020	42.100	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	173515	41.822	ng	99
60) Diethylphthalate	10.269	149	754916	43.165	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	341428	42.162	ng	97
62) 4-Nitroaniline	10.410	138	127836	36.850	ng	95
63) Azobenzene	10.545	77	652071	40.217	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	88181	47.692	ng	90
66) n-Nitrosodiphenylamine	10.504	169	586299	54.110	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	198204	50.246	ng	97
68) Hexachlorobenzene	10.939	284	213384	46.739	ng	96
69) Atrazine	11.039	200	176060	54.774	ng	96
70) Pentachlorophenol	11.133	266	231025	89.522	ng	97
71) Phenanthrene	11.357	178	991754	52.188	ng	98
72) Anthracene	11.410	178	931555	48.882	ng	99
73) Carbazole	11.563	167	740828	45.707	ng	99
74) Di-n-butylphthalate	11.904	149	1010520	49.828	ng	99
75) Fluoranthene	12.551	202	1017559	52.745	ng	98
77) Benzidine	12.674	184	257519	60.772	ng	99
78) Pyrene	12.780	202	1039073	36.806	ng	99
80) Butylbenzylphthalate	13.410	149	386456	43.984	ng	99
81) Benzo(a)anthracene	13.974	228	928697	48.504	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	234785	50.941	ng	# 98
83) Chrysene	14.016	228	897859	48.567	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	557059	52.829	ng	# 99
85) Di-n-octyl phthalate	14.592	149	1087992	61.860	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	610299	32.084	ng	99
88) Benzo(b)fluoranthene	15.033	252	951437	51.727	ng	99
89) Benzo(k)fluoranthene	15.068	252	785507	44.965	ng	99
90) Benzo(a)pyrene	15.404	252	719381	47.844	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	495728	32.450	ng	99
92) Benzo(g,h,i)perylene	17.427	276	462426	30.040	ng	99

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

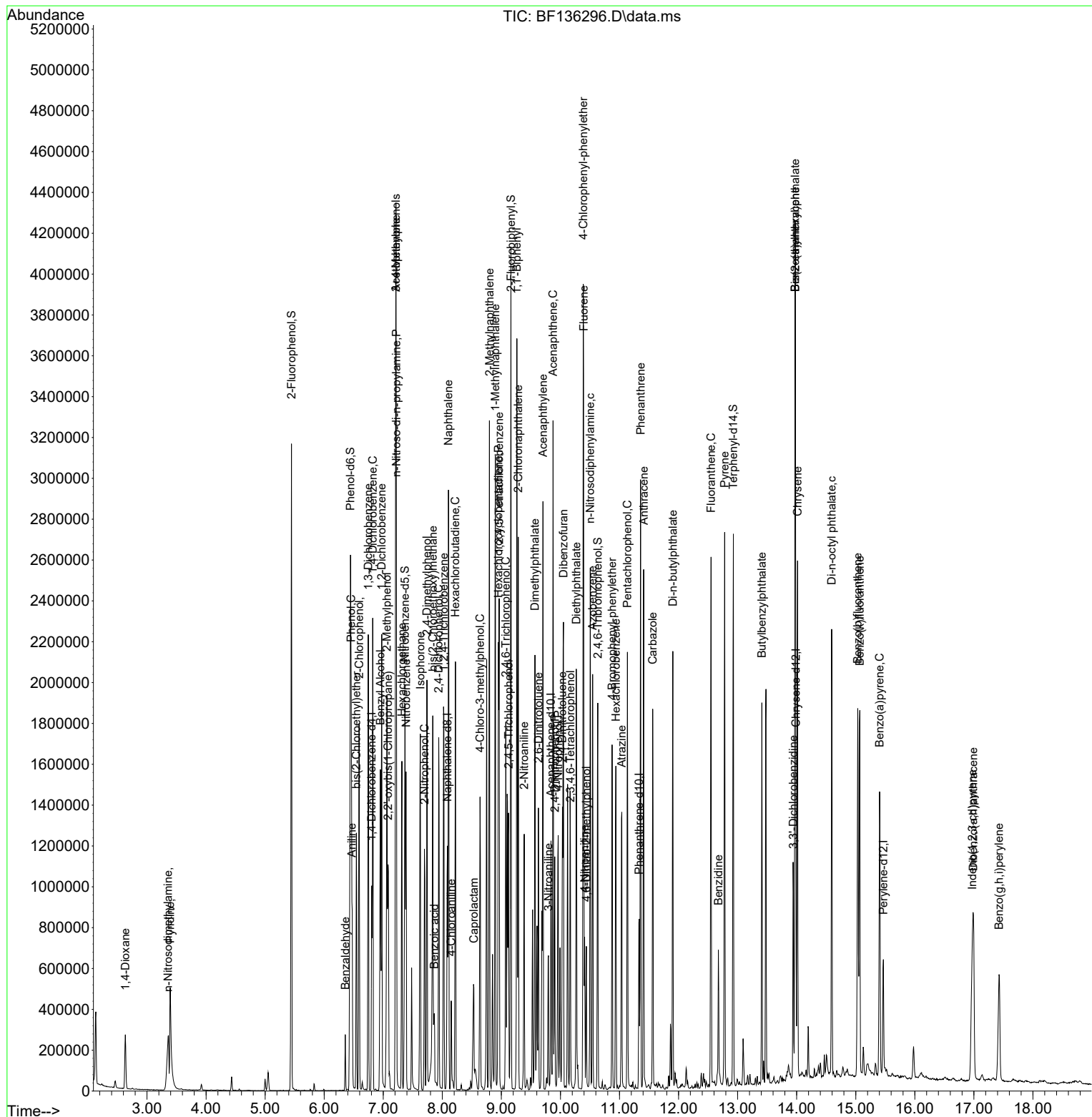
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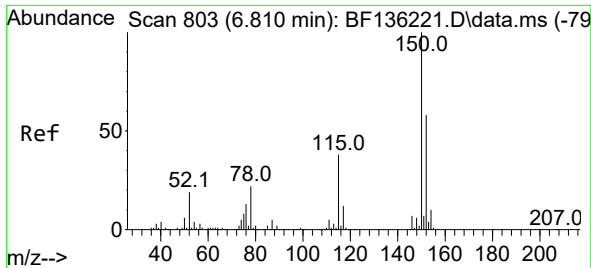
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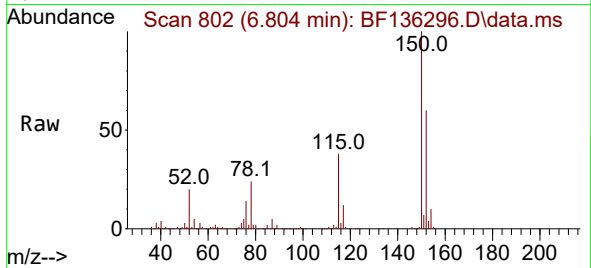
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

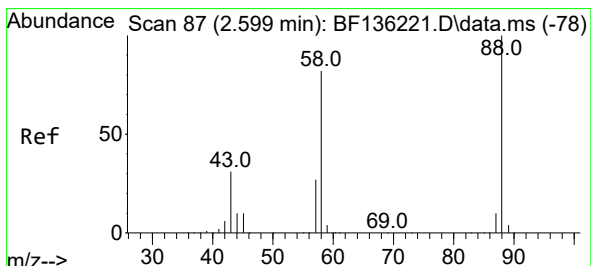
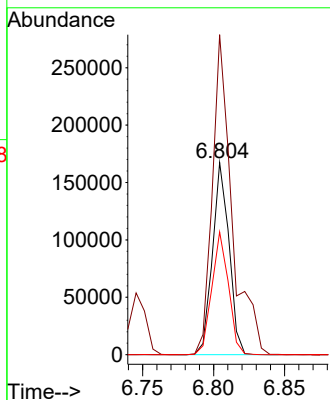
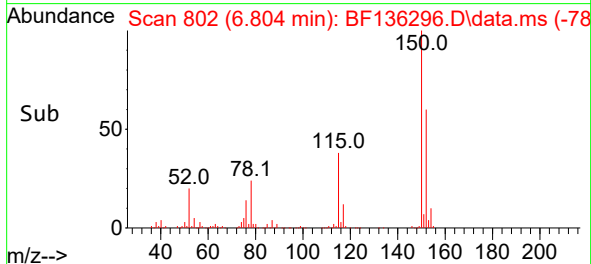
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:152 Resp: 135820
Ion Ratio Lower Upper
152 100
150 166.5 137.8 206.8
115 63.9 52.7 79.1

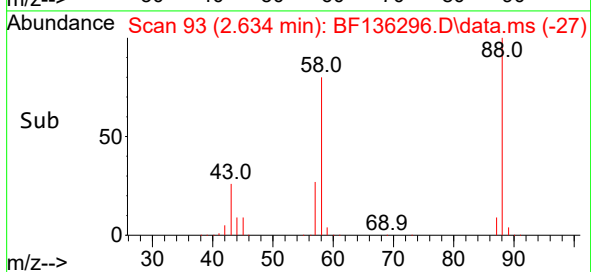
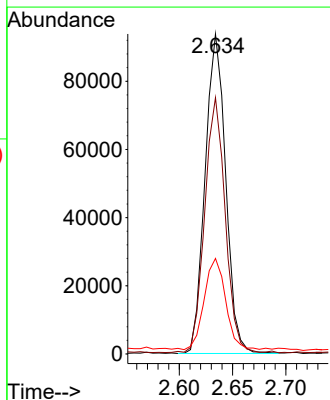
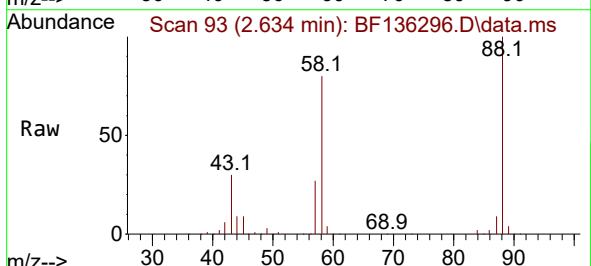
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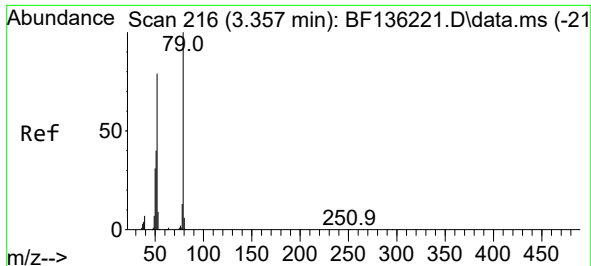
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#2
1,4-Dioxane
Concen: 34.129 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.035 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

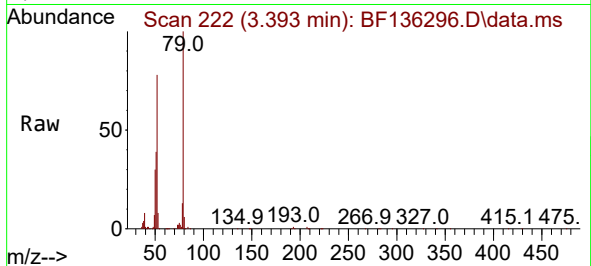
Tgt Ion: 88 Resp: 126013
Ion Ratio Lower Upper
88 100
58 79.2 65.9 98.9
43 29.6 24.8 37.2





#3
Pyridine
Concen: 33.744 ng
RT: 3.393 min Scan# 216
Delta R.T. 0.035 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

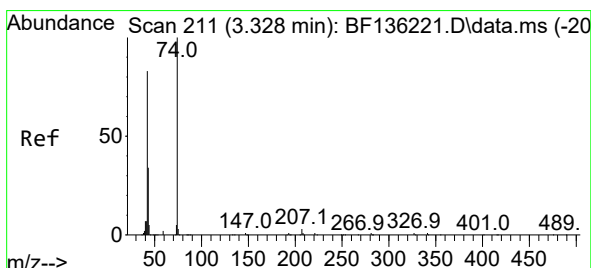
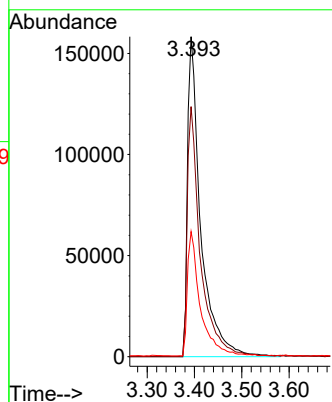
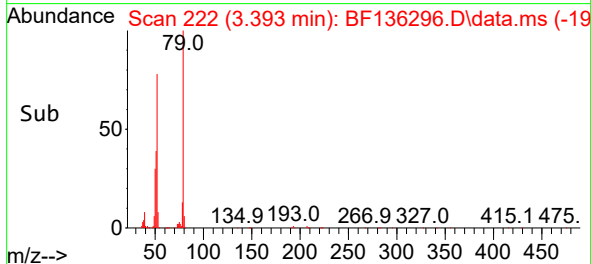
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



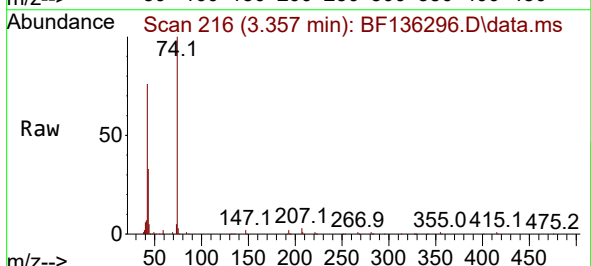
Tgt Ion: 79 Resp: 30755
Ion Ratio Lower Upper
79 100
52 78.2 63.2 94.8
51 39.1 32.6 49.0

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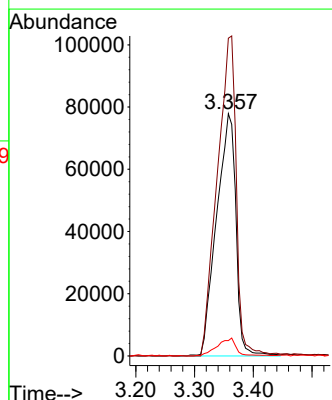
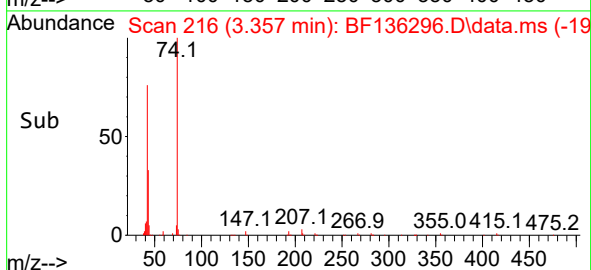
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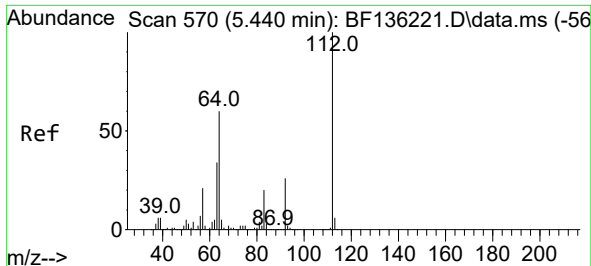


#4
n-Nitrosodimethylamine
Concen: 38.619 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.030 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



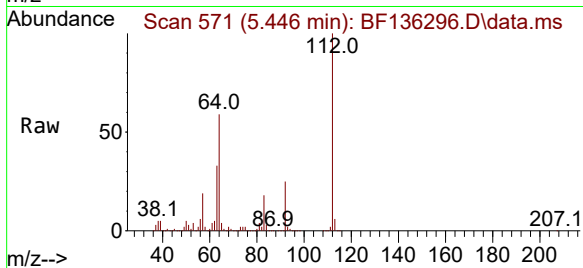
Tgt Ion: 42 Resp: 177928
Ion Ratio Lower Upper
42 100
74 131.2 96.6 144.8
44 6.4 5.4 8.2





#5
2-Fluorophenol
Concen: 87.789 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

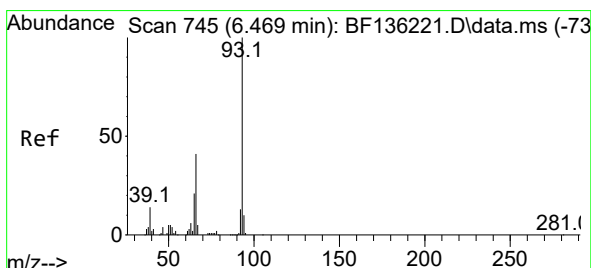
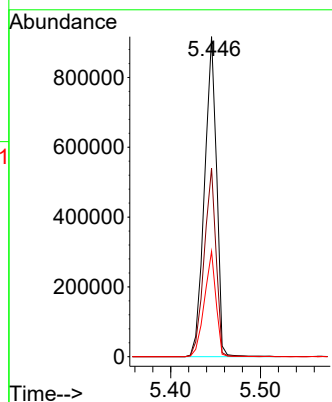
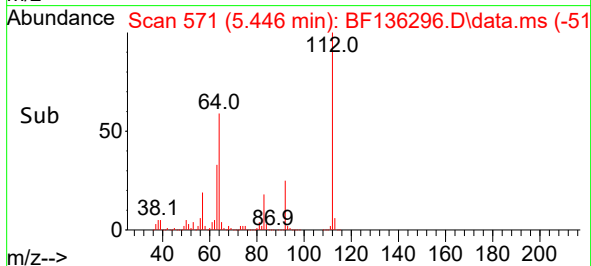
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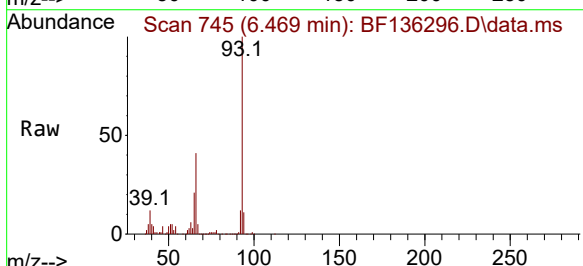
Tgt Ion:112 Resp: 85666
Ion Ratio Lower Upper
112 100
64 58.9 48.2 72.4
63 32.9 27.0 40.6

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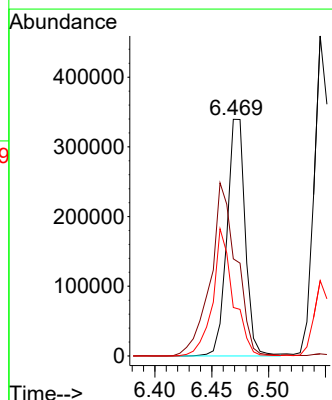
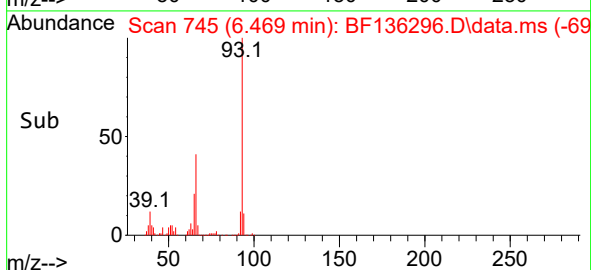
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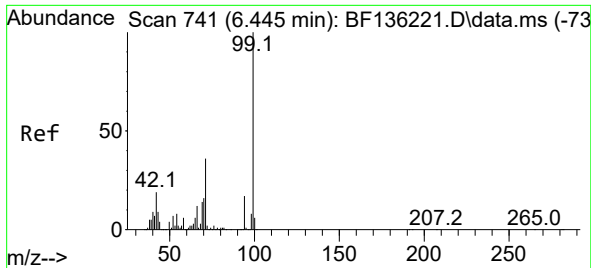


#6
Aniline
Concen: 33.058 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



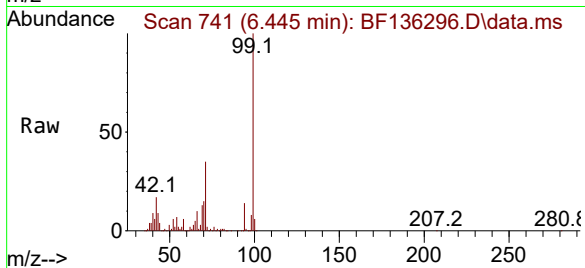
Tgt Ion: 93 Resp: 381244
Ion Ratio Lower Upper
93 100
66 41.1 34.1 51.1
65 20.5 17.3 25.9





#7
Phenol-d6
Concen: 85.365 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136296.D
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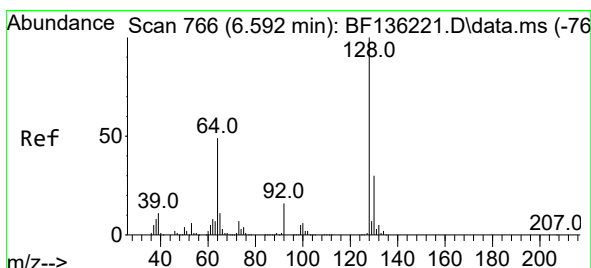
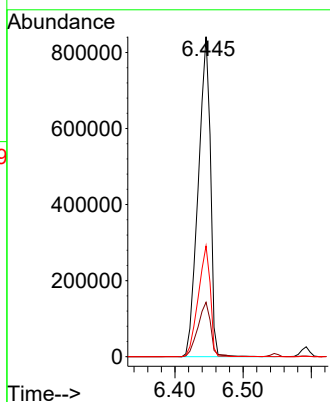
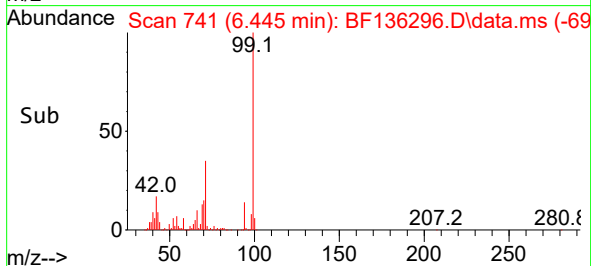
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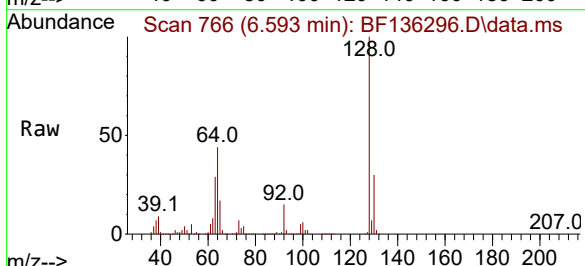
Tgt Ion: 99 Resp: 104157
Ion Ratio Lower Upper
99 100
42 17.0 15.0 22.6
71 34.6 28.9 43.3

Manual Integrations
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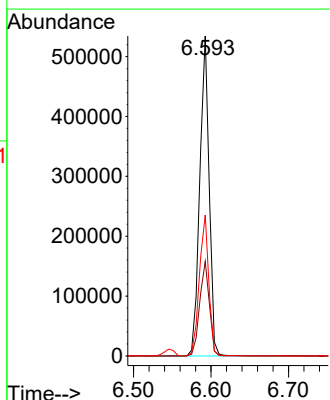
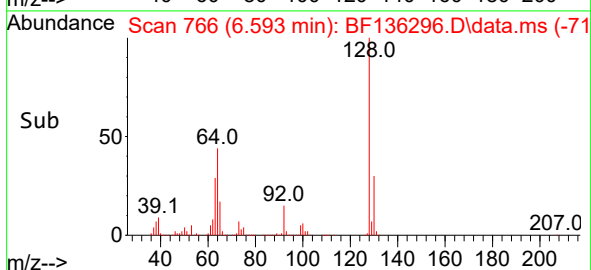
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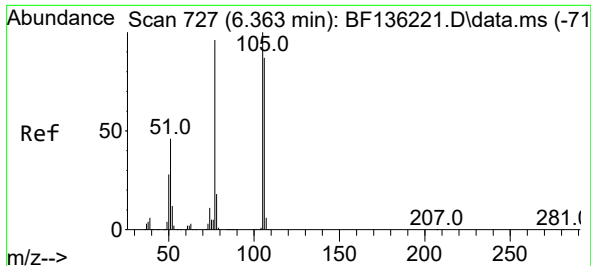


#8
2-Chlorophenol
Concen: 42.266 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136296.D
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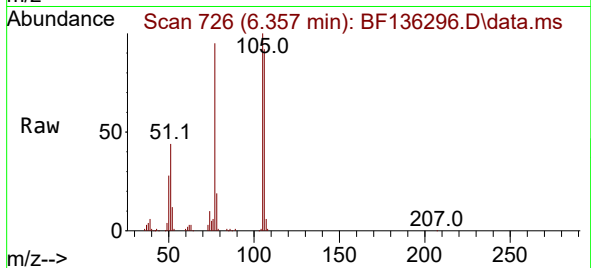
Tgt Ion:128 Resp: 449082
Ion Ratio Lower Upper
128 100
130 29.5 10.3 50.3
64 44.0 30.0 70.0





#9
Benzaldehyde
Concen: 6.362 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF136296.D
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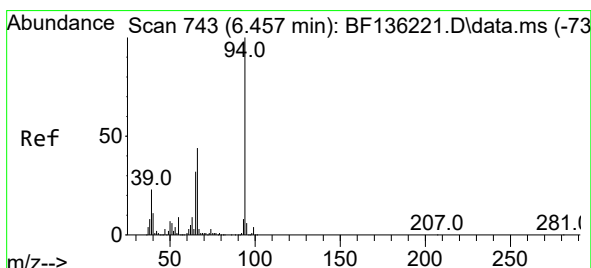
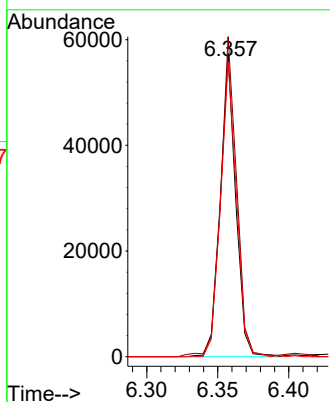
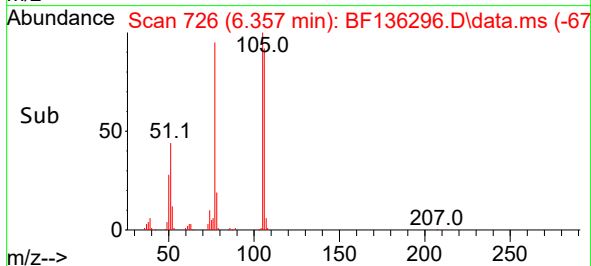
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ClientSampleId :
TR-06-11222023MS



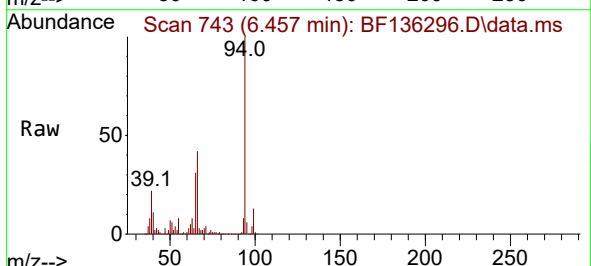
Tgt Ion: 77 Resp: 43262
Ion Ratio Lower Upper
77 100
105 105.5 84.3 124.3
106 97.3 71.0 111.0

Manual Integrations
APPROVED

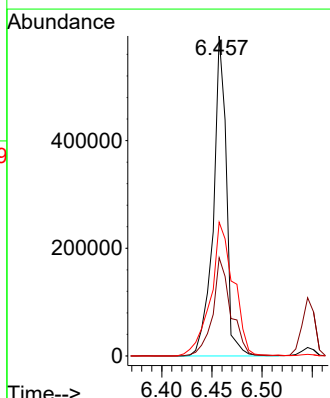
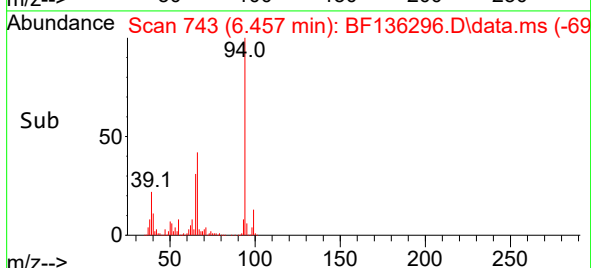
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

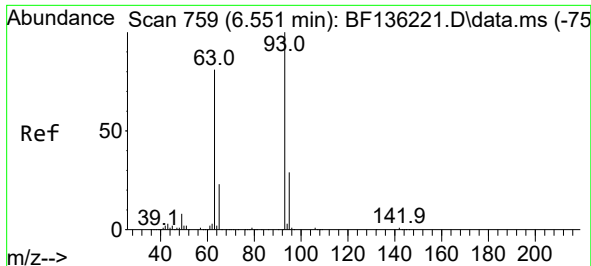


#10
Phenol
Concen: 41.142 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



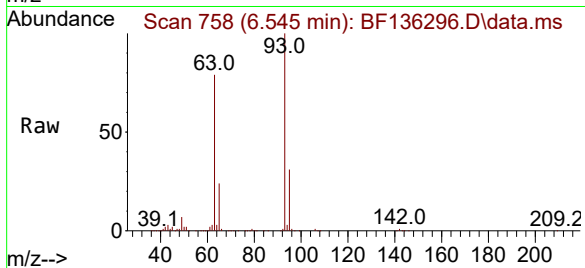
Tgt Ion: 94 Resp: 538550
Ion Ratio Lower Upper
94 100
65 30.7 12.5 52.5
66 41.8 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 42.301 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

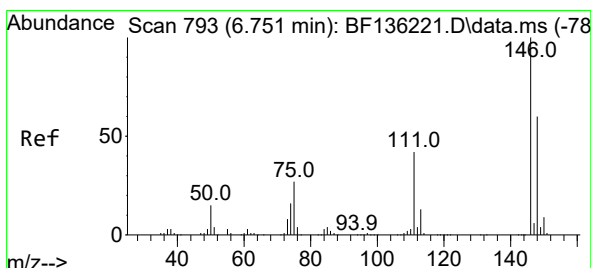
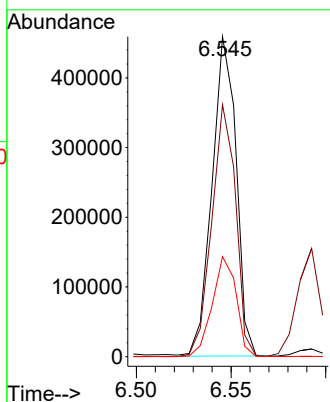
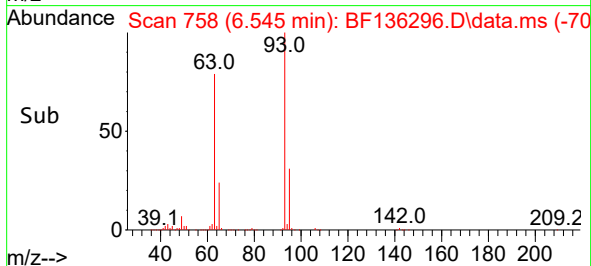
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



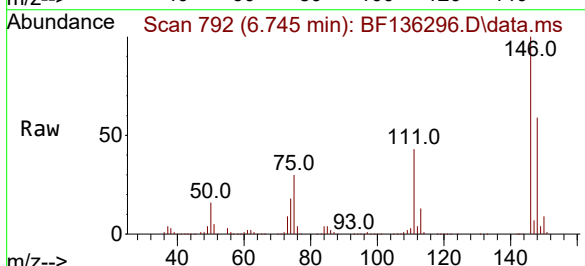
Tgt Ion: 93 Resp: 406208
Ion Ratio Lower Upper
93 100
63 78.8 60.2 100.2
95 31.2 9.1 49.1

Manual Integrations
APPROVED

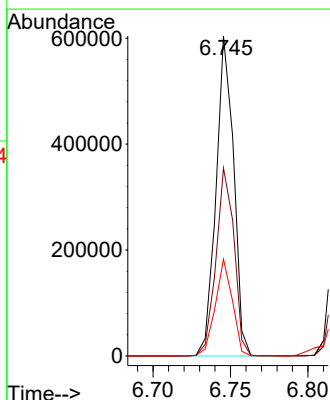
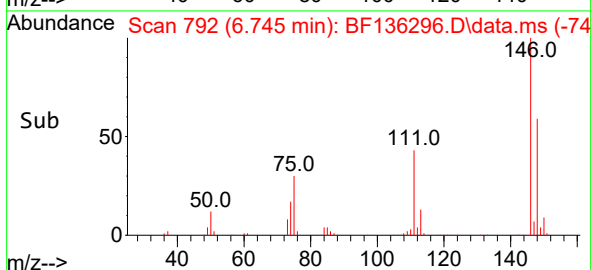
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

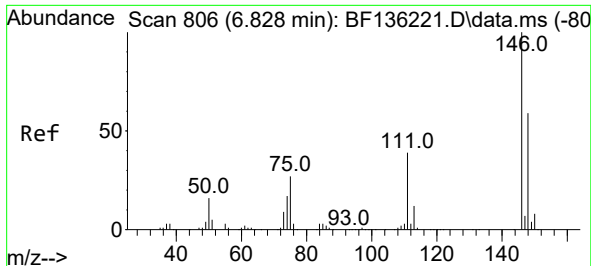


#12
1,3-Dichlorobenzene
Concen: 39.589 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



Tgt Ion:146 Resp: 477363
Ion Ratio Lower Upper
146 100
148 58.7 47.8 71.6
75 30.2 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 40.328 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MS

Tgt Ion:146 Resp: 494339

Ion Ratio Lower Upper

146 100

148 59.0 47.0 70.6

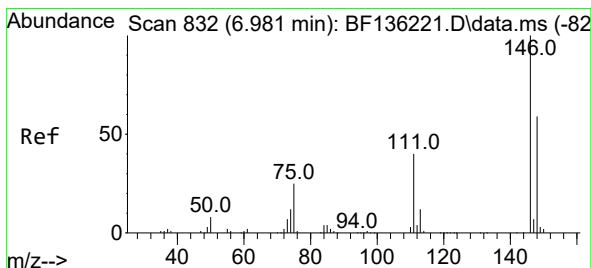
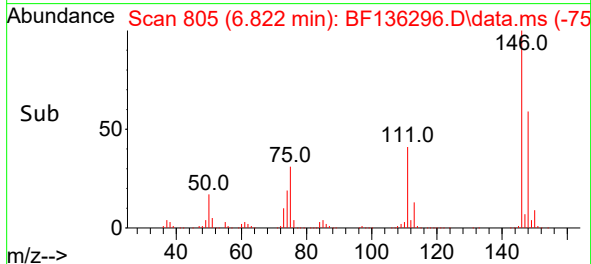
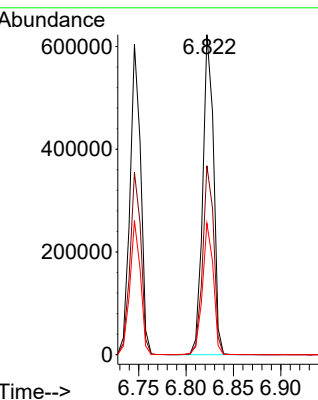
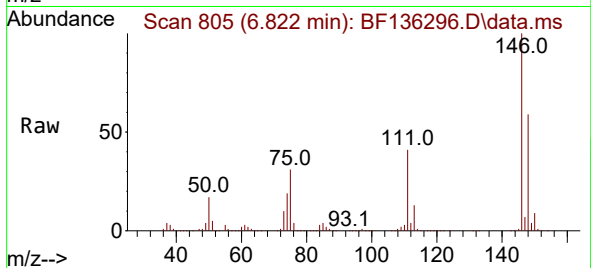
111 41.1 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#14

1,2-Dichlorobenzene

Concen: 39.954 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

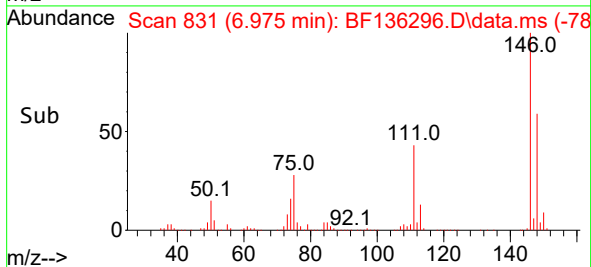
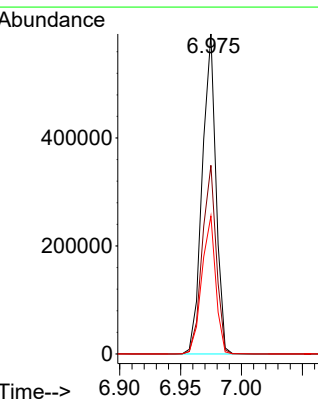
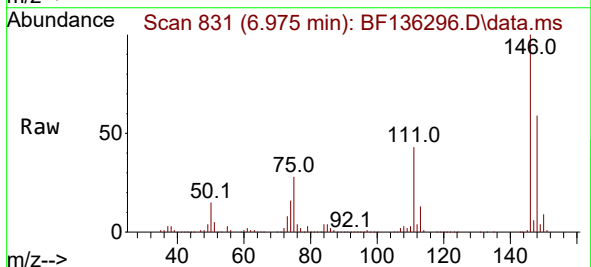
Tgt Ion:146 Resp: 463647

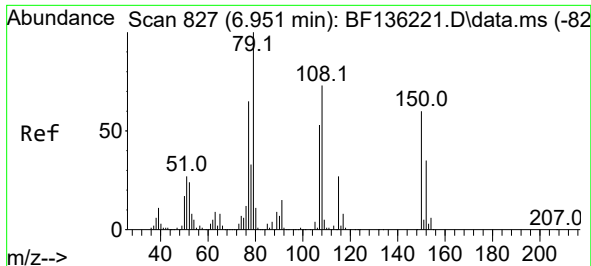
Ion Ratio Lower Upper

146 100

148 59.0 47.3 70.9

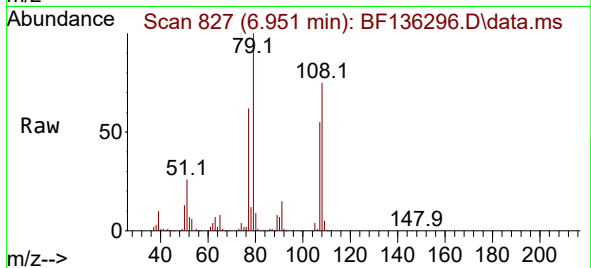
111 43.1 32.4 48.6





#15
Benzyl Alcohol
Concen: 41.987 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

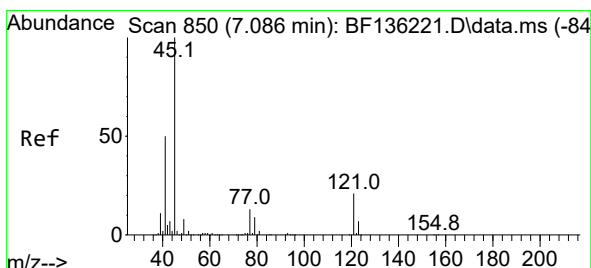
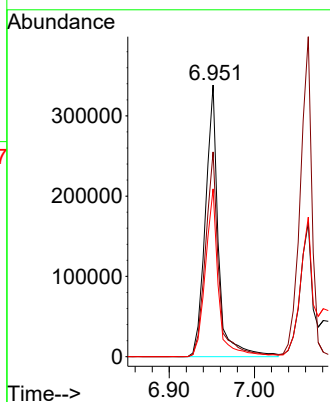
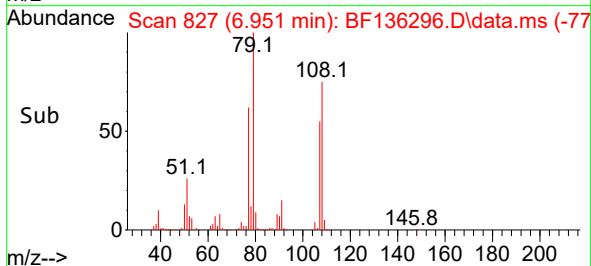
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion: 79 Resp: 35918
Ion Ratio Lower Upper
79 100
108 75.4 58.1 87.1
77 61.8 51.8 77.8

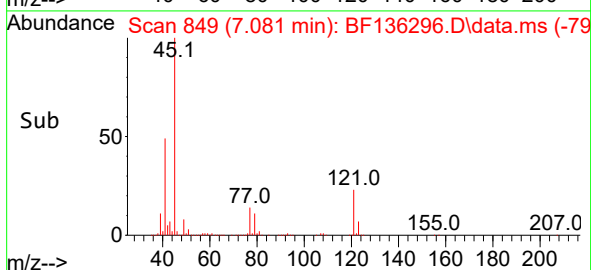
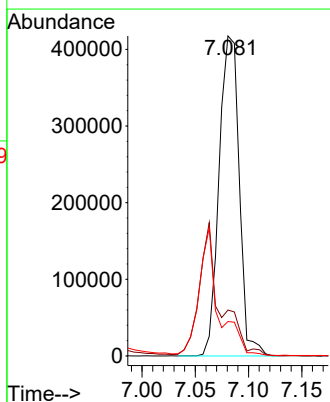
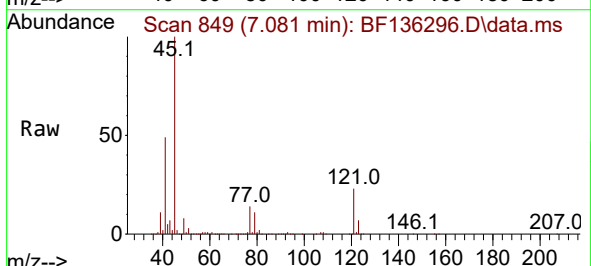
Manual Integrations
APPROVED

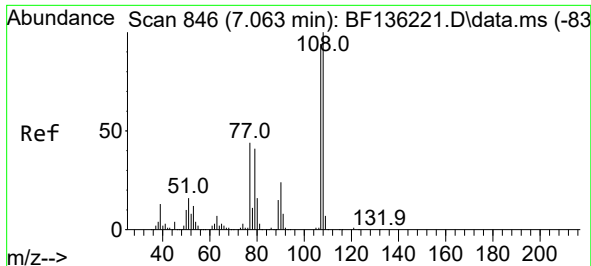
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.079 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

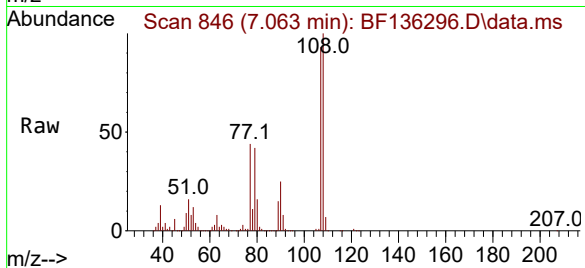
Tgt Ion: 45 Resp: 547942
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.0
79 10.8 0.0 30.1





#17
2-Methylphenol
Concen: 41.583 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS

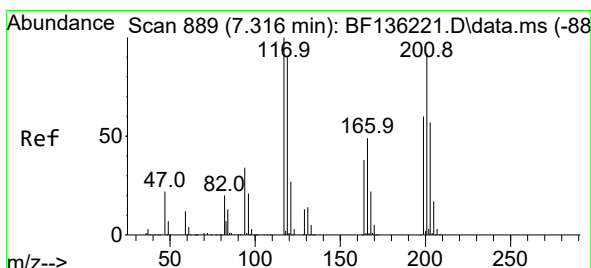
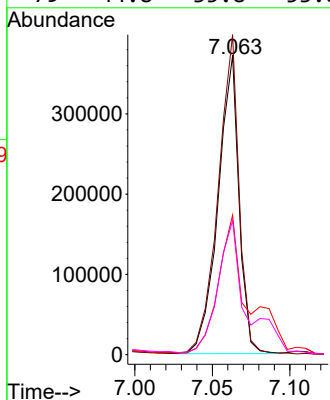
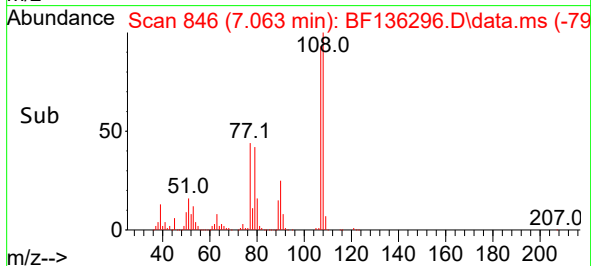


Tgt Ion:107 Resp: 34735

Ion	Ratio	Lower	Upper
107	100		
108	107.0	85.4	128.0
77	46.6	37.4	56.2
79	44.8	35.8	

Manual Integrations
APPROVED

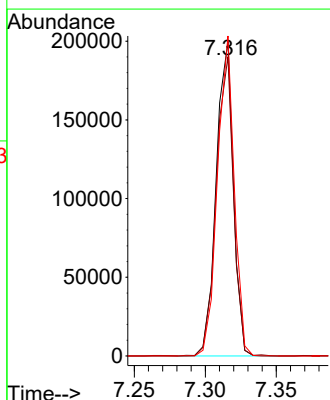
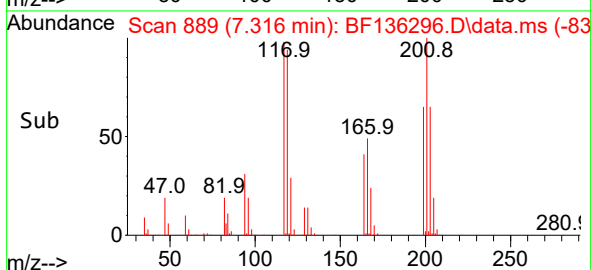
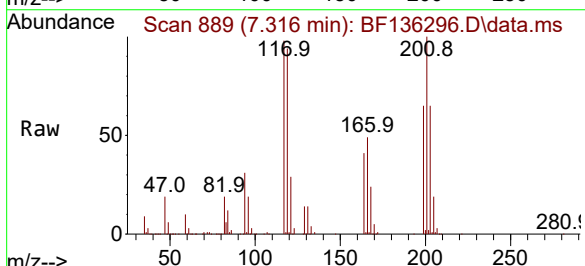
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

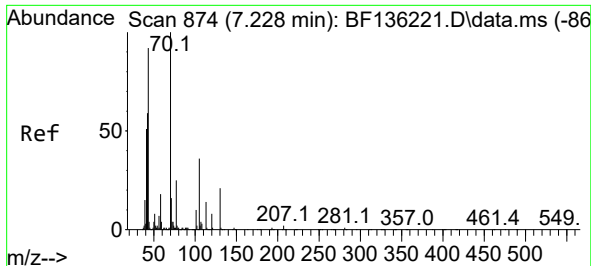


#18
Hexachloroethane
Concen: 38.998 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

Tgt Ion:117 Resp: 167674

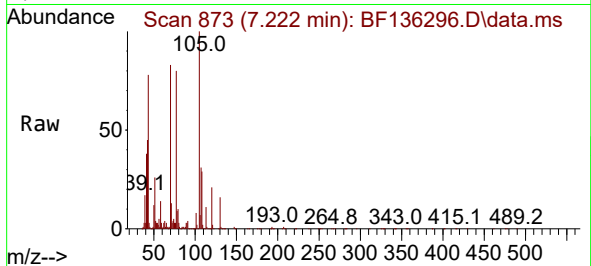
Ion	Ratio	Lower	Upper
117	100		
119	95.2	71.6	107.4
201	101.7	73.4	110.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.580 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

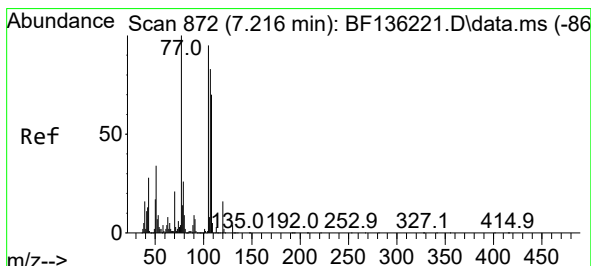
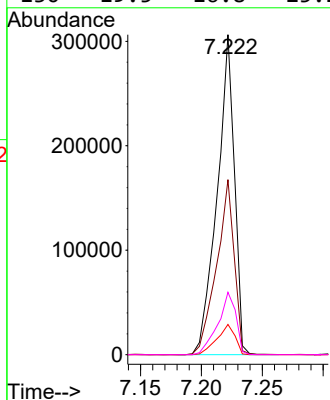
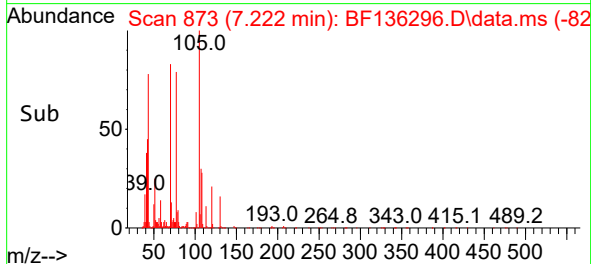
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



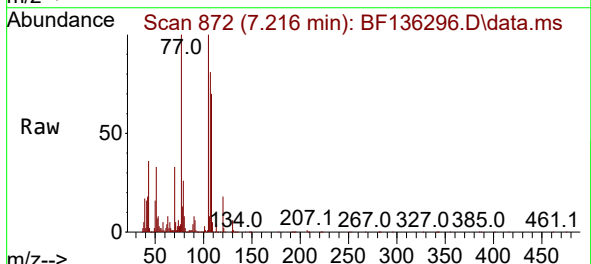
Tgt Ion: 70 Resp: 303420
Ion Ratio Lower Upper
70 100
42 54.7 47.0 70.4
101 9.4 7.8 11.8
130 19.5 16.8 25.2

Manual Integrations
APPROVED

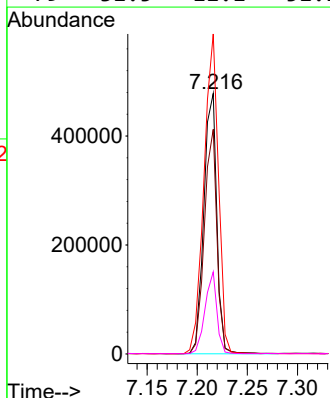
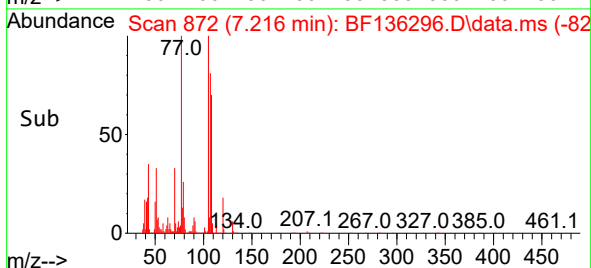
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

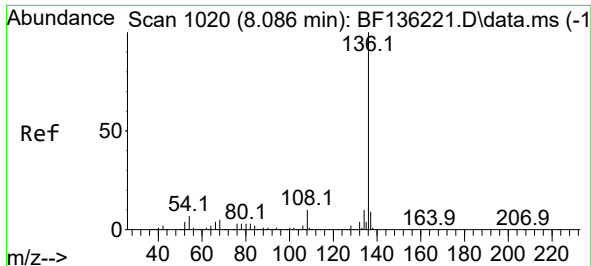


#20
3+4-Methylphenols
Concen: 39.899 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



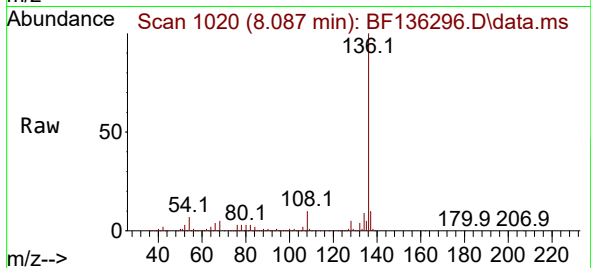
Tgt Ion:107 Resp: 433153
Ion Ratio Lower Upper
107 100
108 86.2 63.9 103.9
77 122.9 100.2 140.2
79 31.5 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

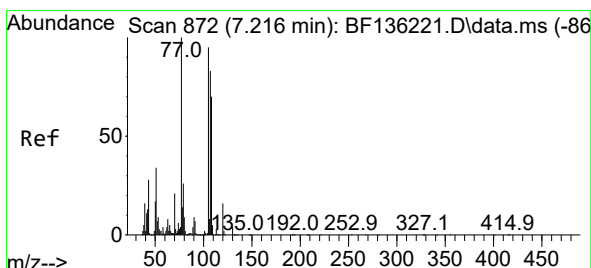
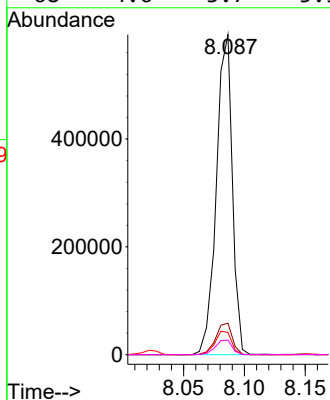
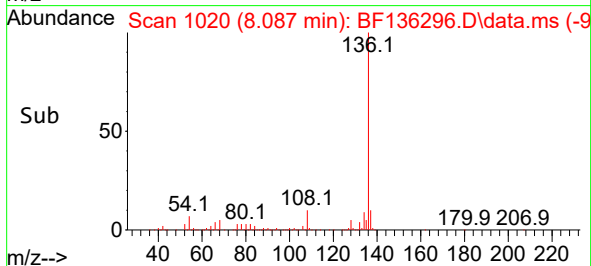
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:136 Resp: 54398
Ion Ratio Lower Upper
136 100
137 9.8 7.4 11.2
54 6.9 5.5 8.3
68 4.6 3.7 5.5

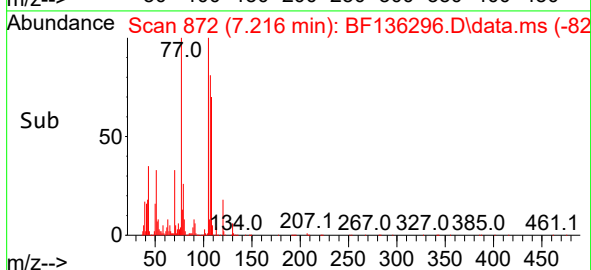
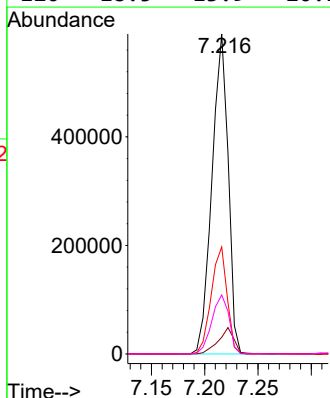
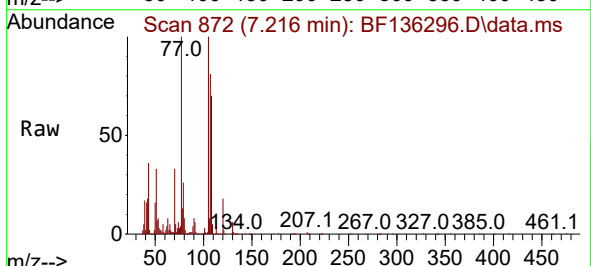
Manual Integrations
APPROVED

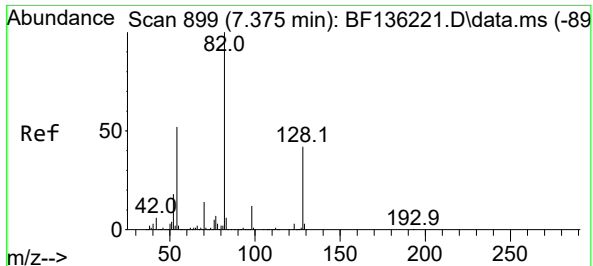
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 43.782 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

Tgt Ion:105 Resp: 625506
Ion Ratio Lower Upper
105 100
71 5.2 2.8 4.2#
51 33.5 29.0 43.6
120 18.5 13.9 20.9





#23

Nitrobenzene-d5

Concen: 62.034 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MS

Tgt Ion: 82 Resp: 638589

Ion Ratio Lower Upper

82 100

128 44.0 33.4 50.2

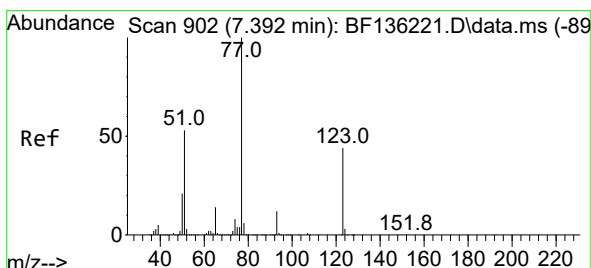
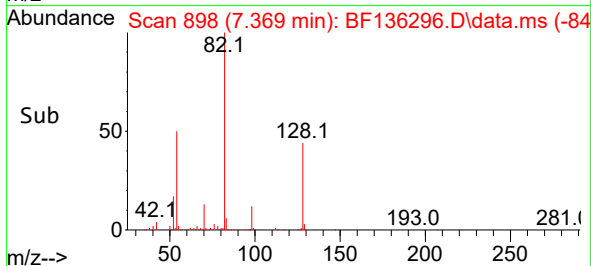
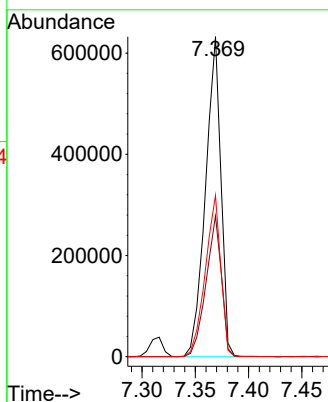
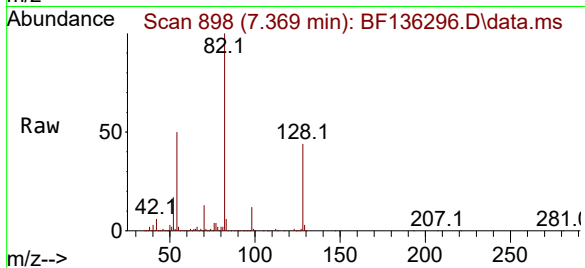
54 50.4 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#24

Nitrobenzene

Concen: 40.956 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

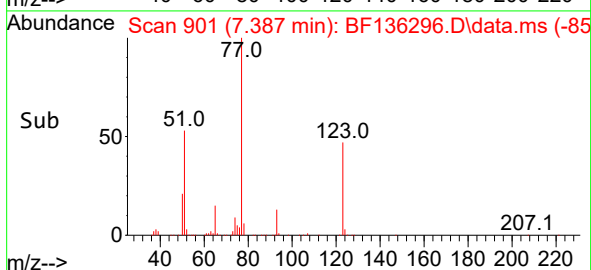
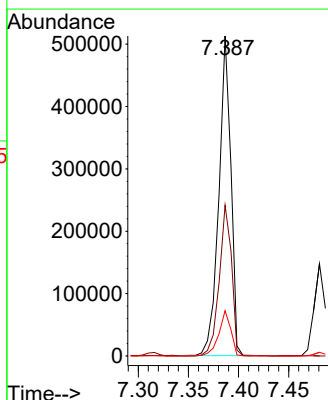
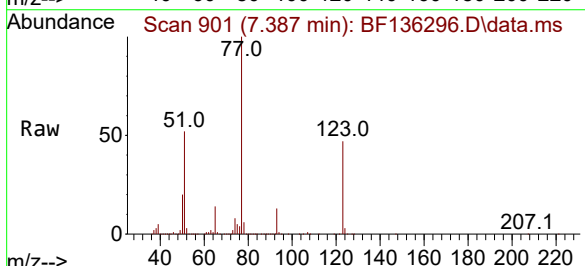
Tgt Ion: 77 Resp: 427256

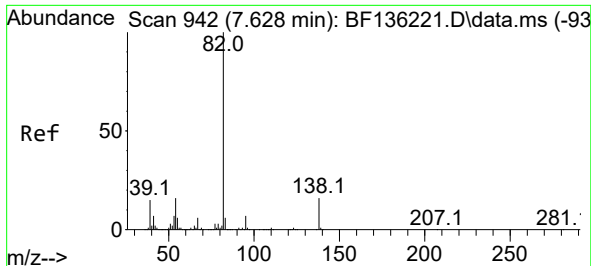
Ion Ratio Lower Upper

77 100

123 47.1 35.4 53.2

65 14.2 11.0 16.6





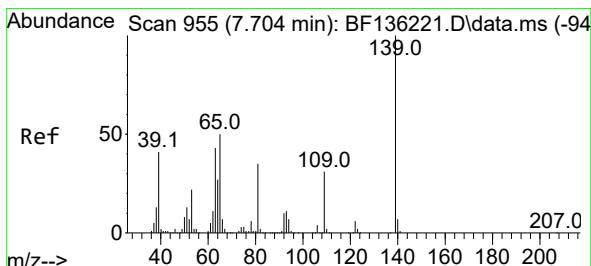
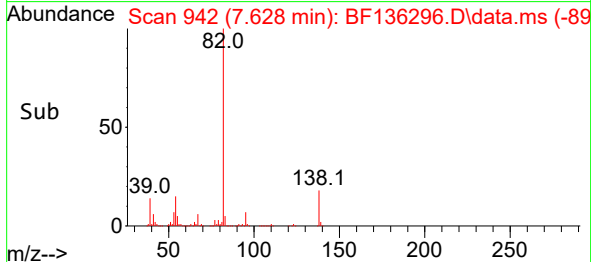
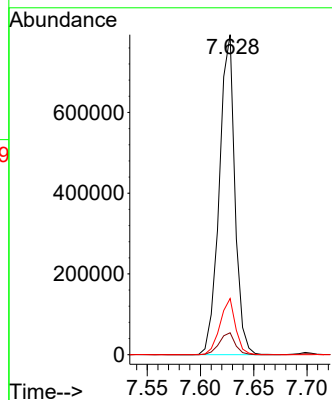
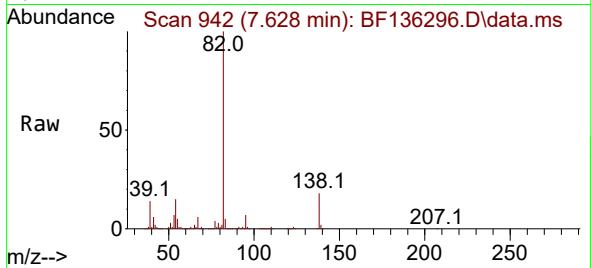
#25
Isophorone
Concen: 43.374 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS

Tgt Ion: 82 Resp: 805110
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.6 12.8 19.2

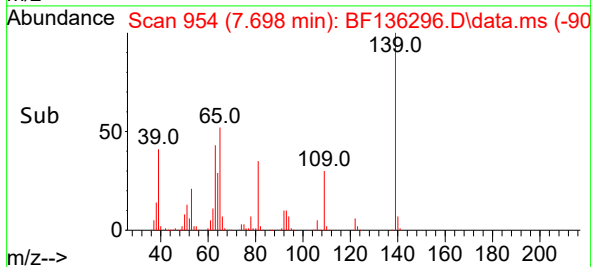
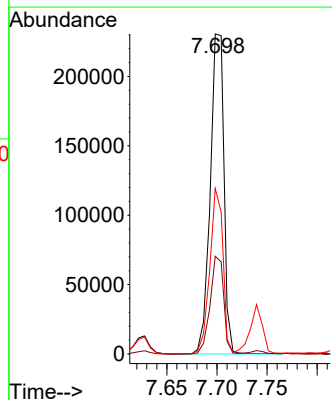
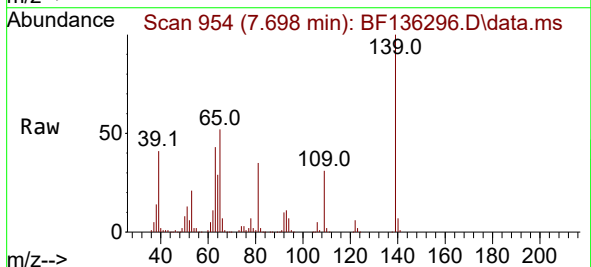
Manual Integrations
APPROVED

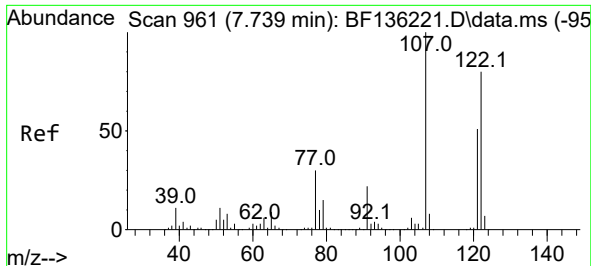
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#26
2-Nitrophenol
Concen: 49.632 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

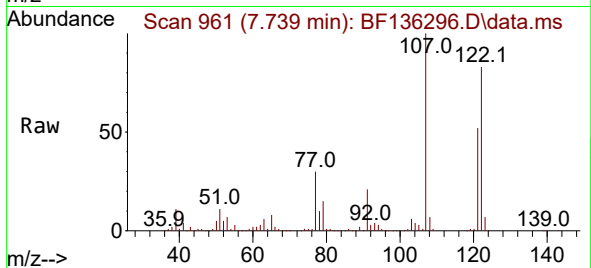
Tgt Ion:139 Resp: 220607
Ion Ratio Lower Upper
139 100
109 30.5 25.0 37.6
65 51.7 40.4 60.6





#27
2,4-Dimethylphenol
Concen: 54.508 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

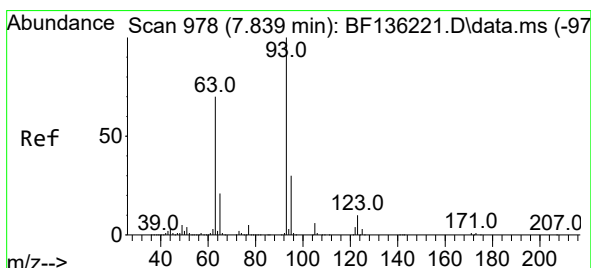
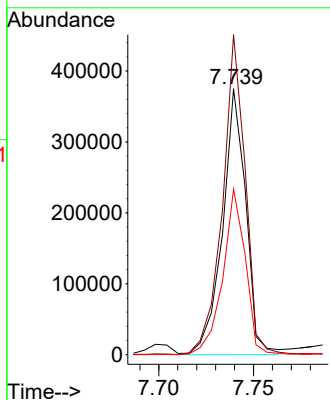
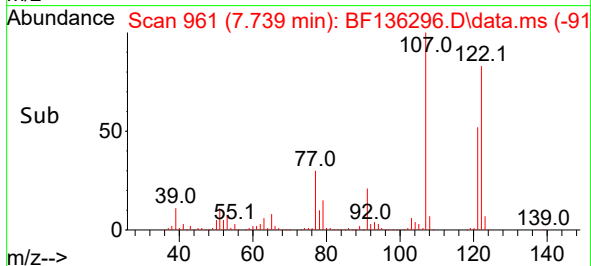
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



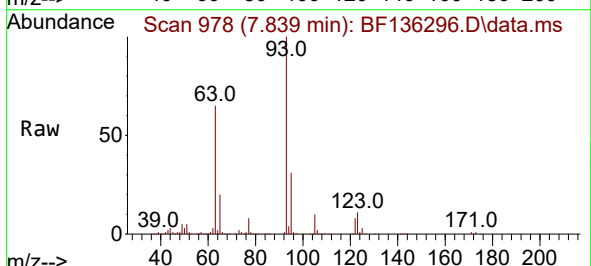
Tgt Ion:122 Resp: 318889
Ion Ratio Lower Upper
122 100
107 120.3 100.0 150.0
121 62.2 50.7 76.1

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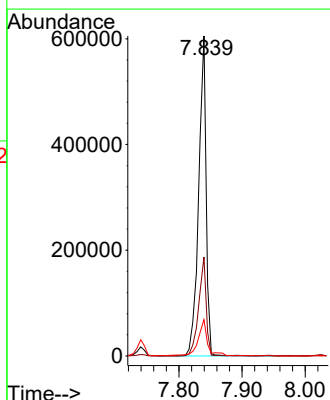
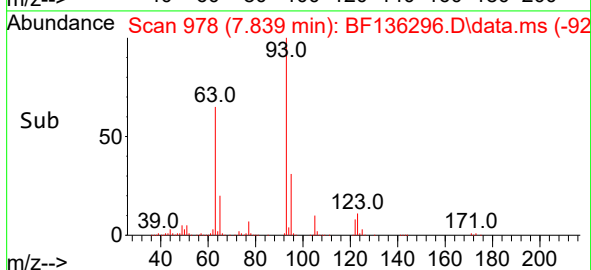
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

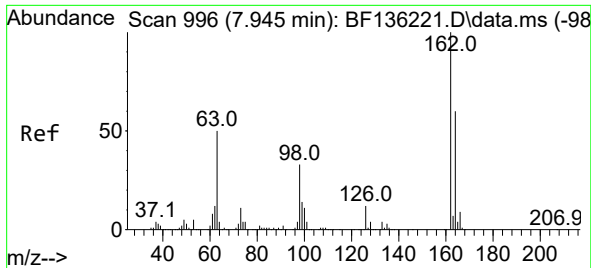


#28
bis(2-Chloroethoxy)methane
Concen: 44.066 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



Tgt Ion: 93 Resp: 494765
Ion Ratio Lower Upper
93 100
95 30.9 23.8 35.6
123 11.3 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 43.853 ng

RT: 7.939 min Scan# 996

Delta R.T. -0.006 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

Instrument :

BNA_F

ClientSampleId :

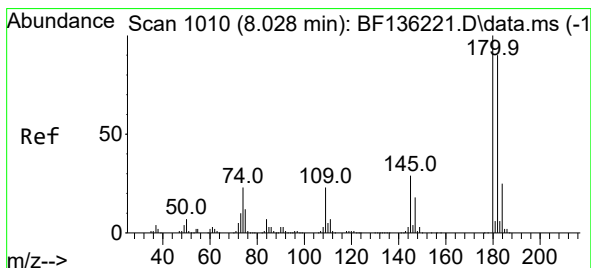
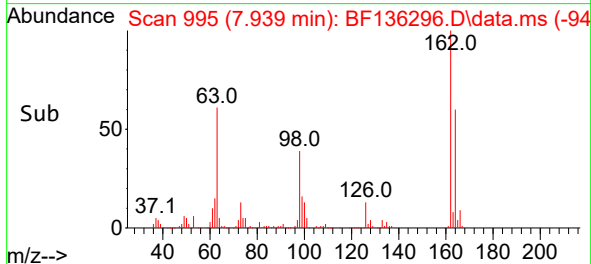
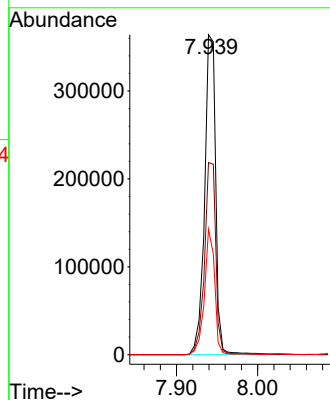
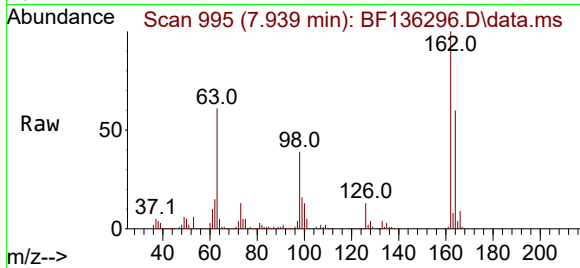
TR-06-11222023MS

Tgt Ion:162 Resp: 34604
 Ion Ratio Lower Upper
 162 100
 164 60.1 40.3 80.3
 98 39.2 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: 42.098 ng

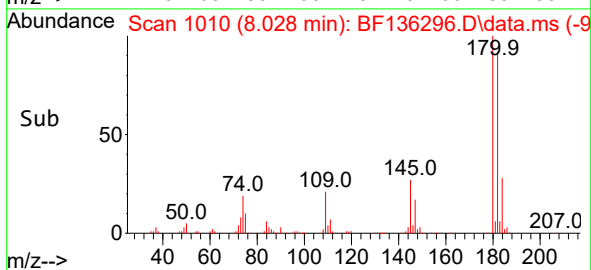
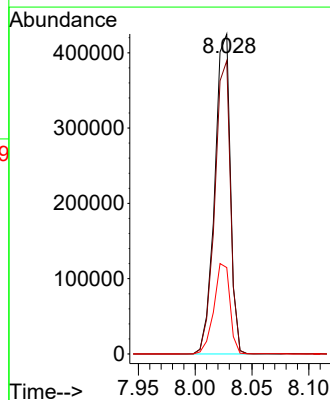
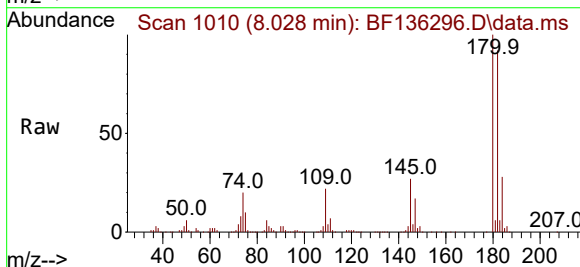
RT: 8.028 min Scan# 1010

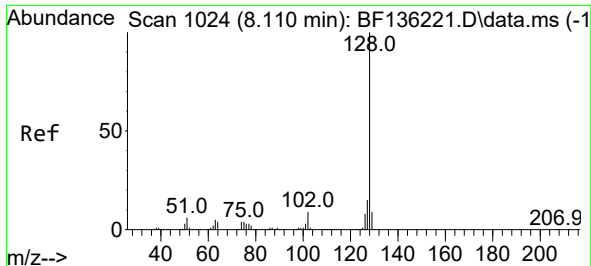
Delta R.T. 0.000 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

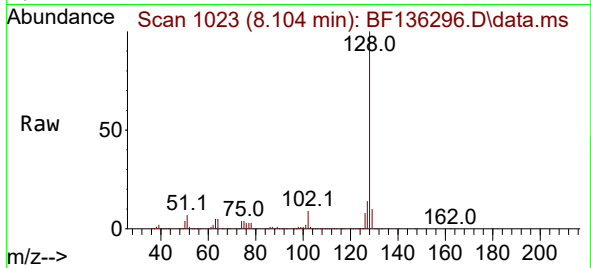
Tgt Ion:180 Resp: 406715
 Ion Ratio Lower Upper
 180 100
 182 91.6 71.6 107.4
 145 27.0 23.0 34.4





#31
Naphthalene
Concen: 42.605 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

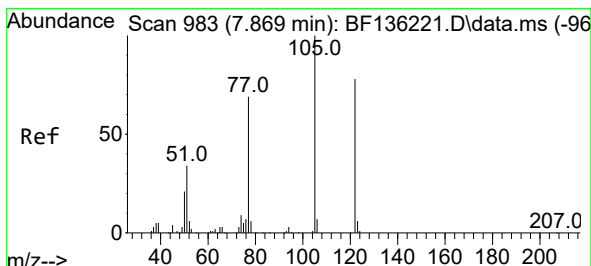
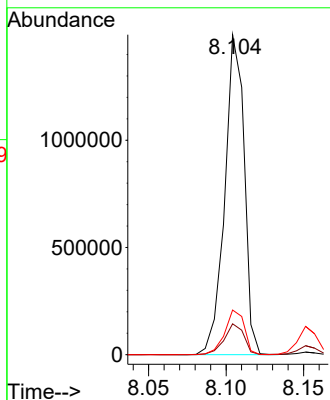
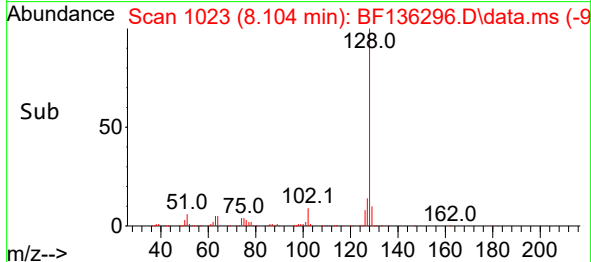
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:128 Resp: 130269
Ion Ratio Lower Upper
128 100
129 9.6 7.3 10.9
127 13.9 11.8 17.6

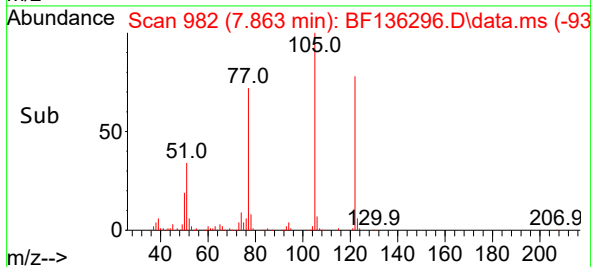
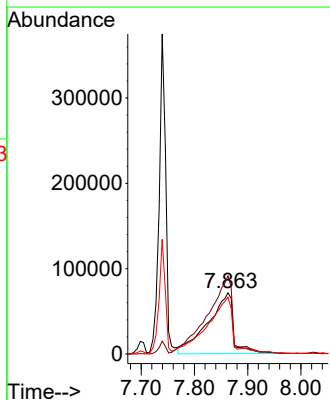
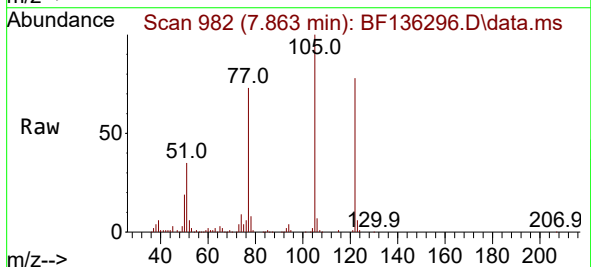
Manual Integrations
APPROVED

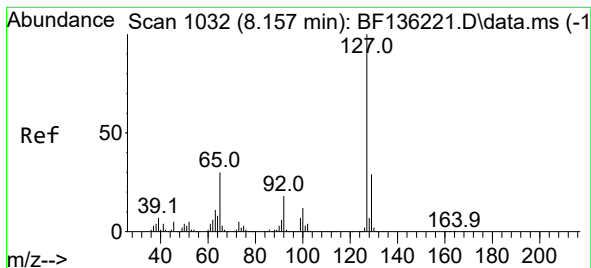
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 44.805 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

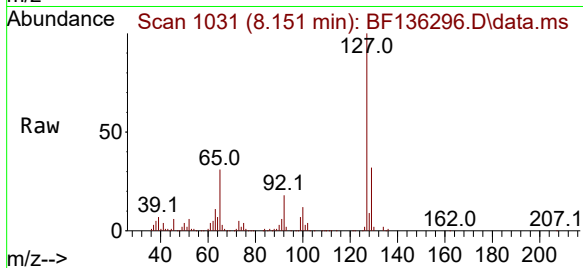
Tgt Ion:122 Resp: 238894
Ion Ratio Lower Upper
122 100
105 127.6 103.7 143.7
77 92.9 66.8 106.8





#33
4-Chloroaniline
Concen: 11.977 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

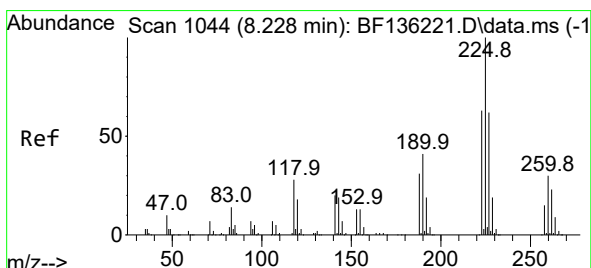
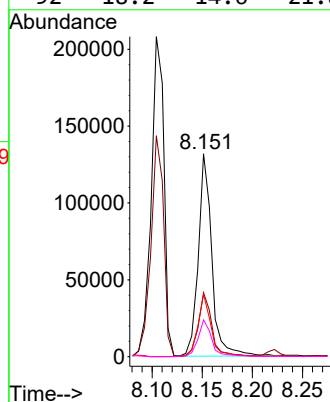
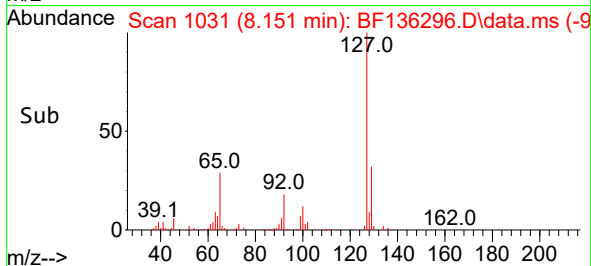
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:127 Resp: 124479
Ion Ratio Lower Upper
127 100
129 31.6 23.4 35.2
65 30.8 23.8 35.6
92 18.2 14.6 21.8

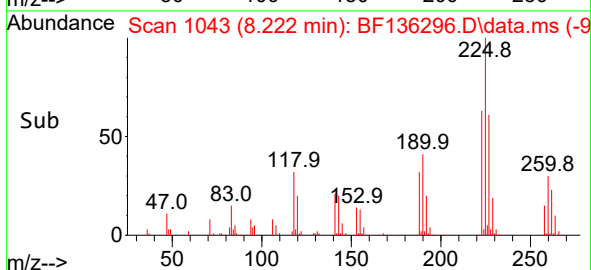
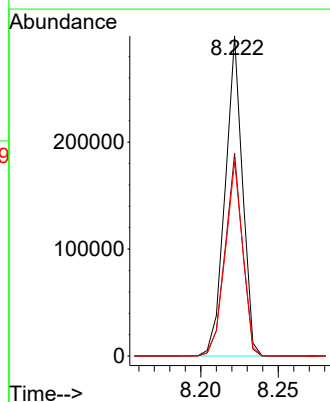
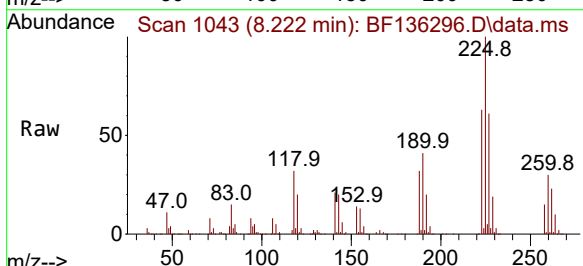
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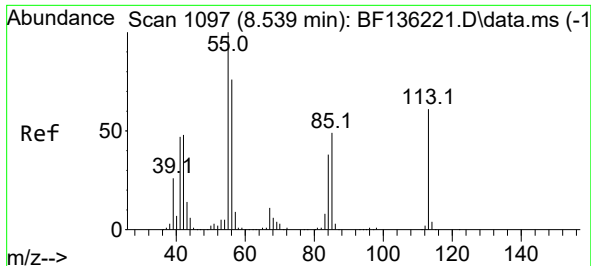
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 41.097 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

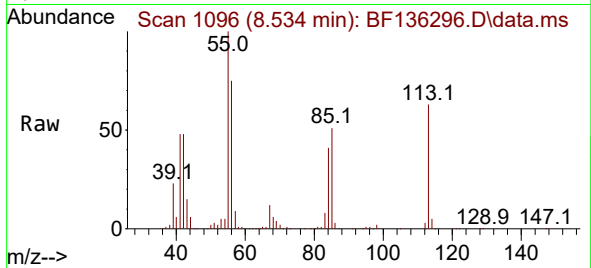
Tgt Ion:225 Resp: 232287
Ion Ratio Lower Upper
225 100
223 63.4 50.6 75.8
227 60.9 49.6 74.4





#35
 Caprolactam
 Concen: 43.273 ng m
 RT: 8.534 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF136296.D
 Acq: 29 Nov 2023 21:54

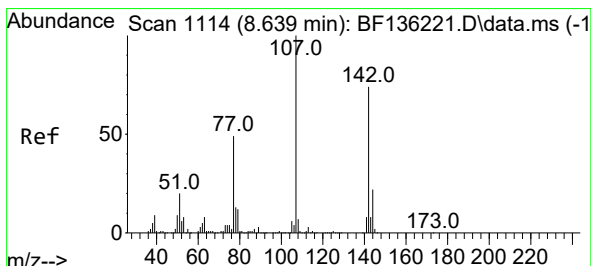
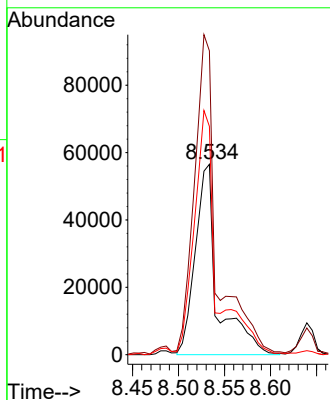
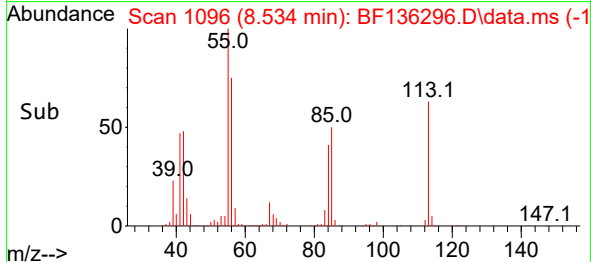
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-11222023MS



Tgt Ion:113 Resp: 95458
 Ion Ratio Lower Upper
 113 100
 55 159.6 143.1 183.1
 56 119.9 103.6 143.6

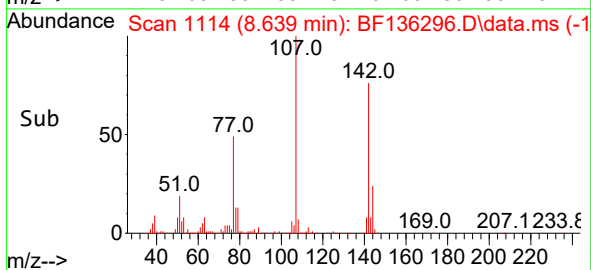
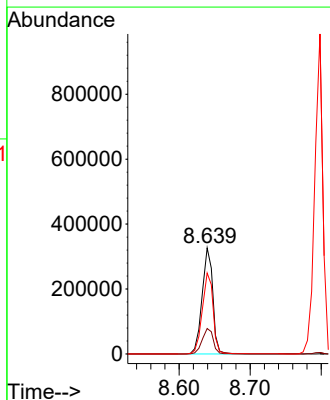
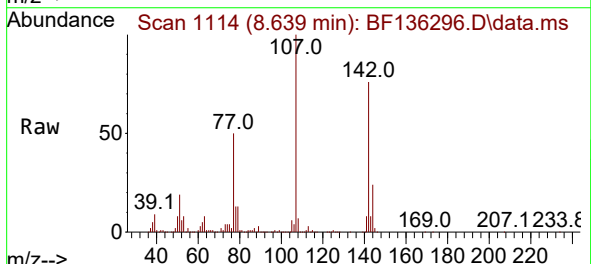
Manual Integrations
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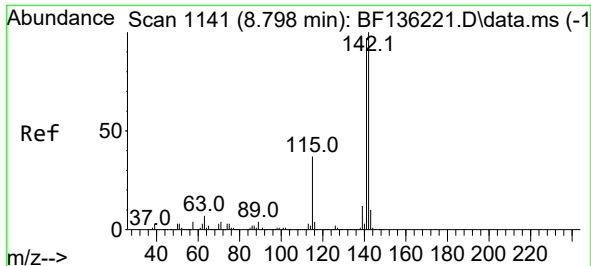
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023



#36
 4-Chloro-3-methylphenol
 Concen: 40.148 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136296.D
 Acq: 29 Nov 2023 21:54

Tgt Ion:107 Resp: 343605
 Ion Ratio Lower Upper
 107 100
 144 24.0 17.8 26.8
 142 76.4 59.4 89.0





#37

2-Methylnaphthalene

Concen: 40.447 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MS

Tgt Ion:142 Resp: 775774

Ion Ratio Lower Upper

142 100

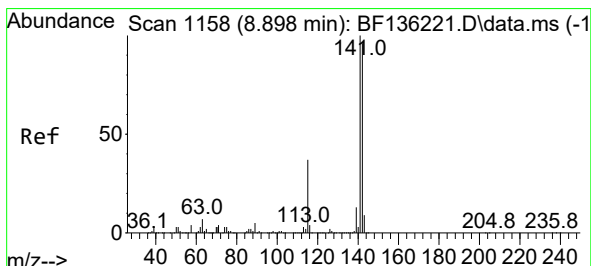
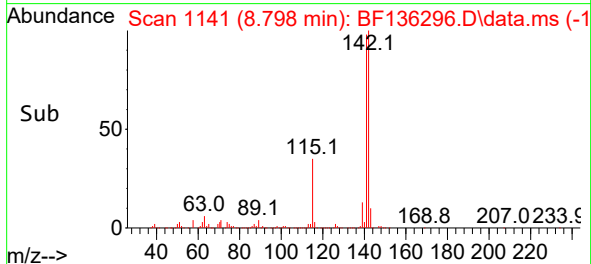
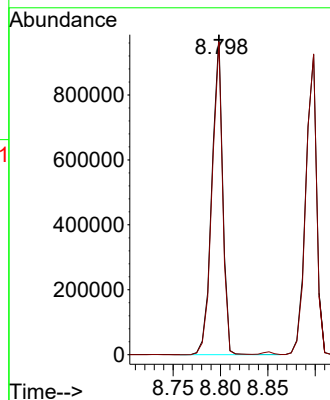
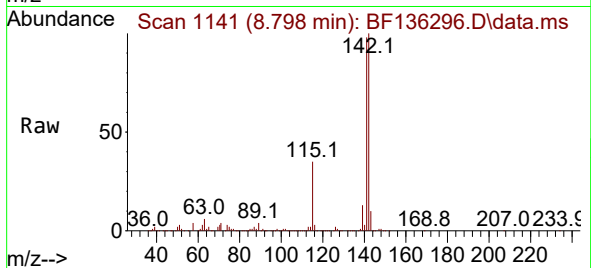
141 97.8 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#38

1-Methylnaphthalene

Concen: 39.758 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136296.D

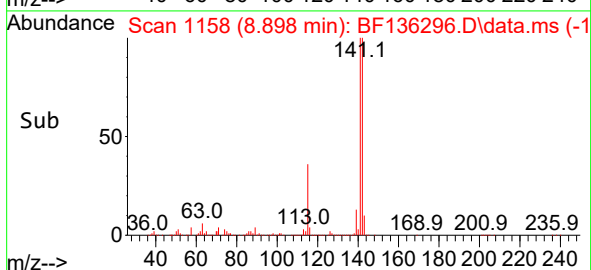
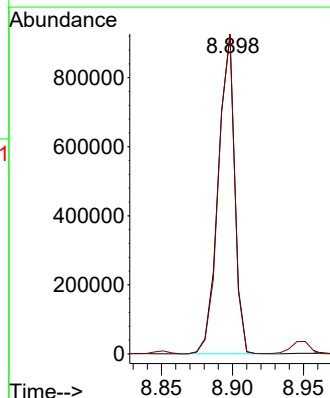
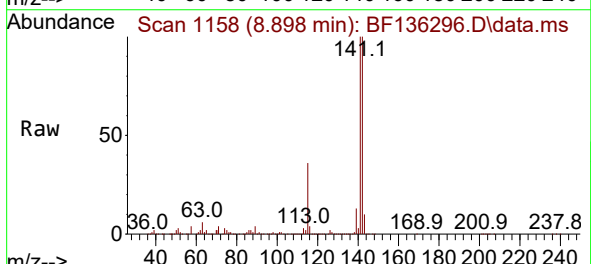
Acq: 29 Nov 2023 21:54

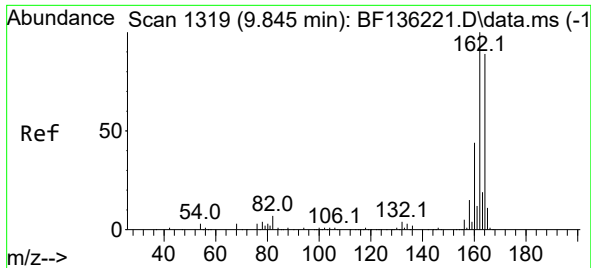
Tgt Ion:142 Resp: 743892

Ion Ratio Lower Upper

142 100

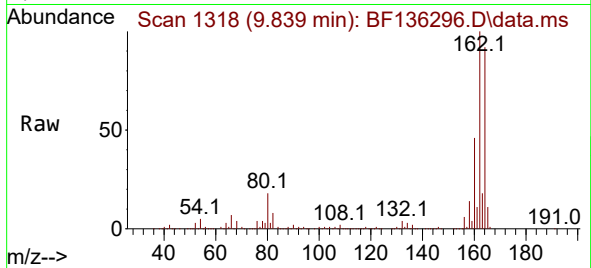
141 100.3 83.8 125.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

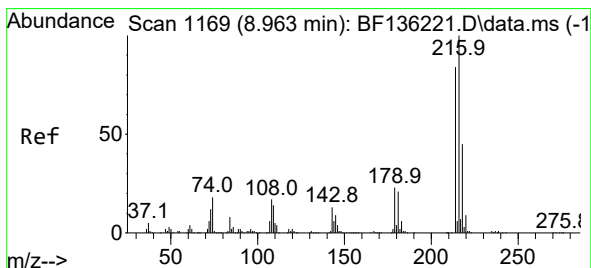
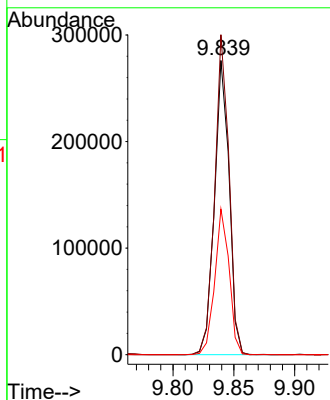
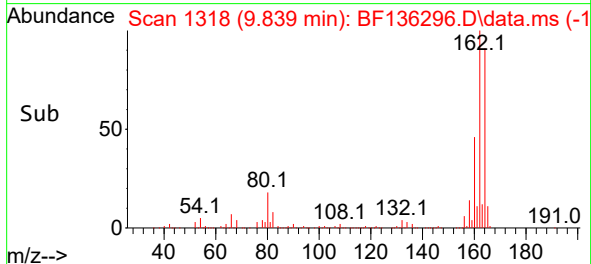
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



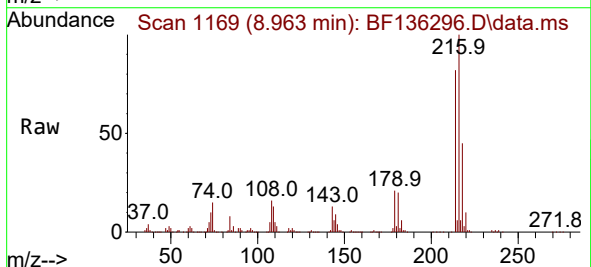
Tgt Ion:164 Resp: 231319
Ion Ratio Lower Upper
164 100
162 108.7 89.5 134.3
160 49.5 39.6 59.4

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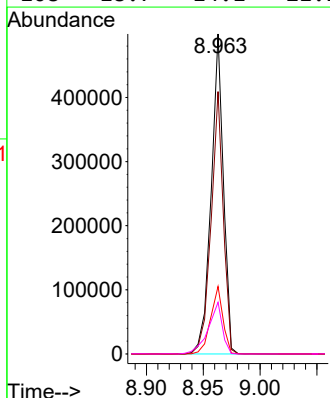
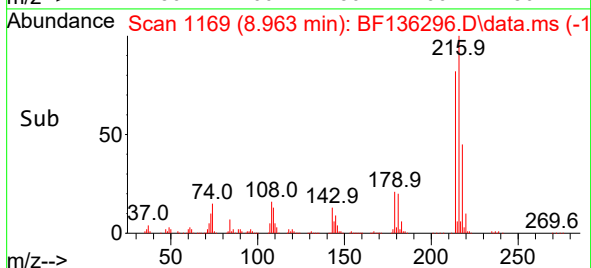
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

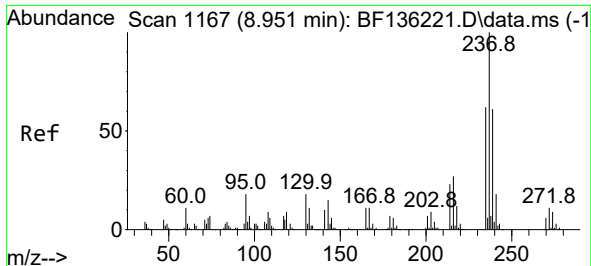


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.777 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



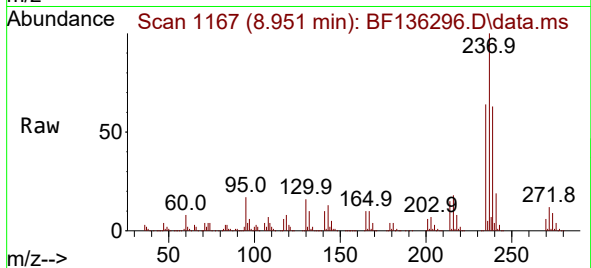
Tgt Ion:216 Resp: 373808
Ion Ratio Lower Upper
216 100
214 81.4 65.8 98.8
179 21.2 17.4 26.0
108 18.7 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 107.257 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

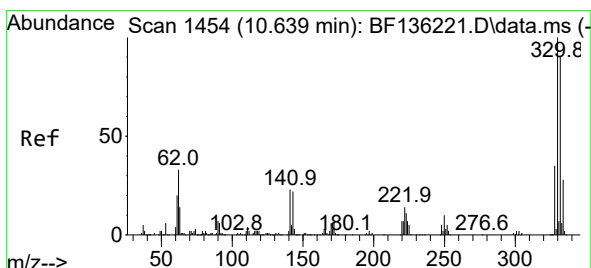
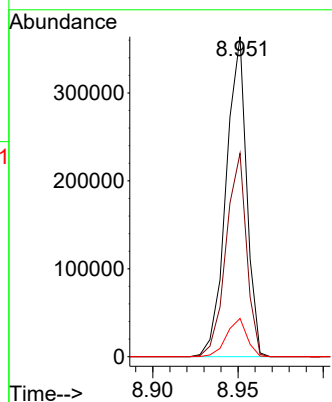
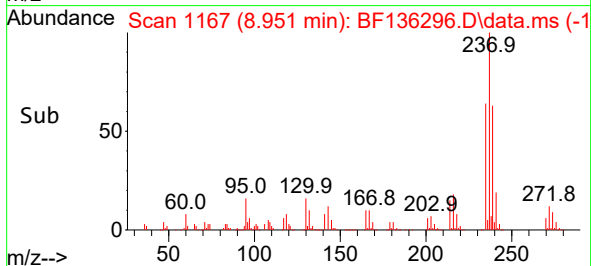
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



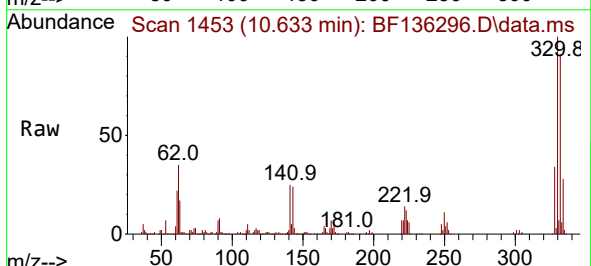
Tgt Ion:237 Resp: 303824
Ion Ratio Lower Upper
237 100
235 63.6 42.1 82.1
272 12.0 0.0 31.0

Manual Integrations
APPROVED

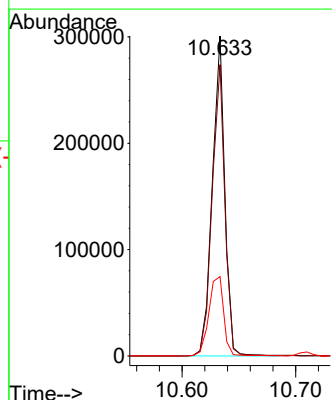
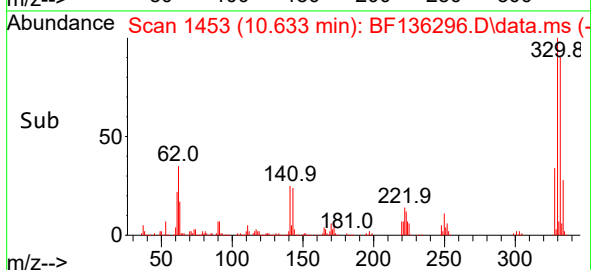
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

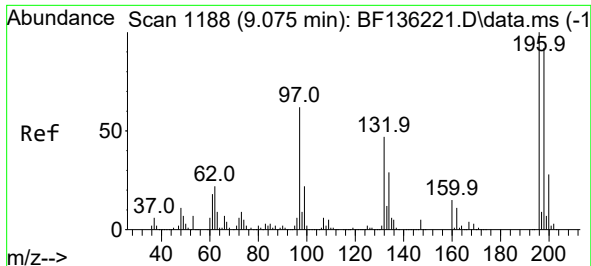


#42
2,4,6-Tribromophenol
Concen: 81.121 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



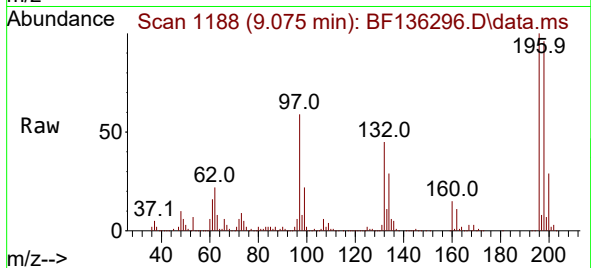
Tgt Ion:330 Resp: 229415
Ion Ratio Lower Upper
330 100
332 93.1 73.0 109.6
141 29.6 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 48.358 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

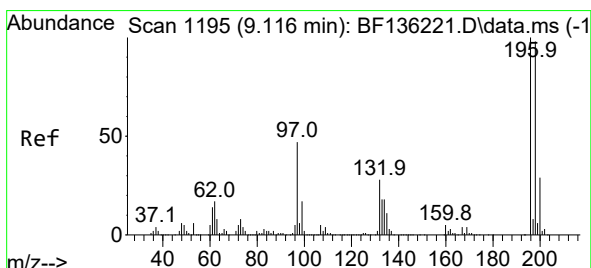
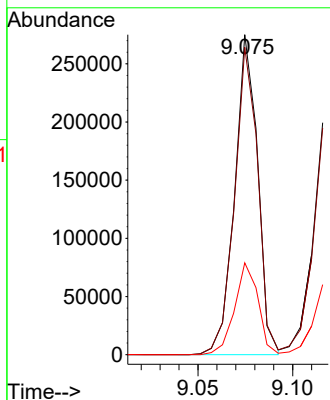
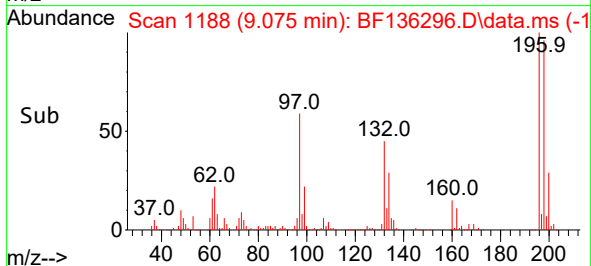
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



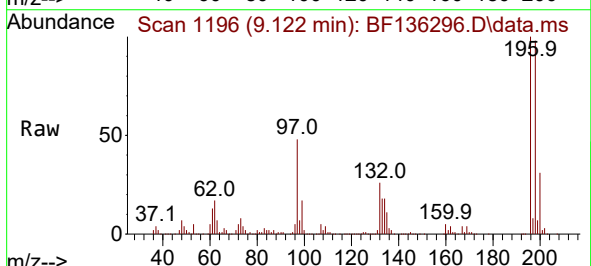
Tgt Ion:196 Resp: 231060
Ion Ratio Lower Upper
196 100
198 96.0 73.2 109.8
200 28.7 22.4 33.6

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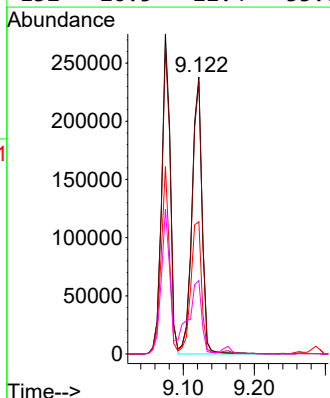
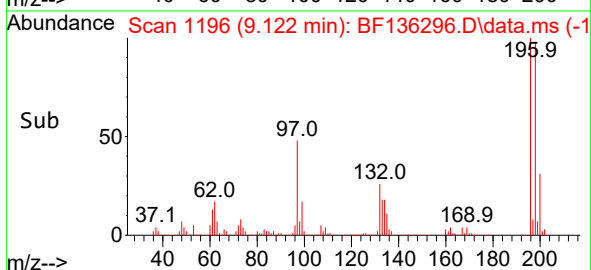
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

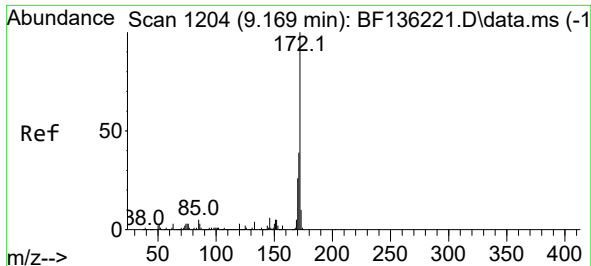


#44
2,4,5-Trichlorophenol
Concen: 45.356 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



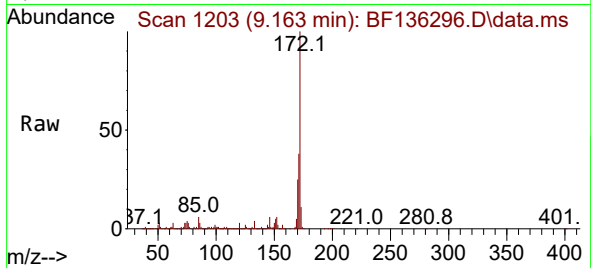
Tgt Ion:196 Resp: 236509
Ion Ratio Lower Upper
196 100
198 98.4 78.8 118.2
97 47.7 37.8 56.8
132 26.5 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 64.303 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

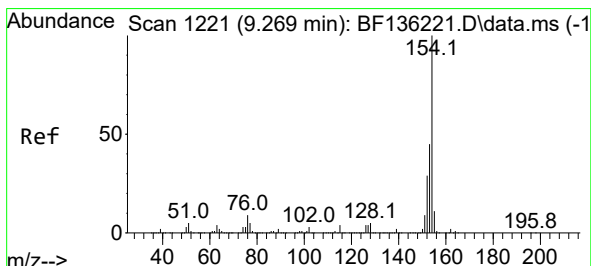
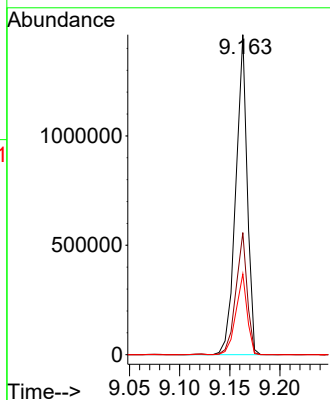
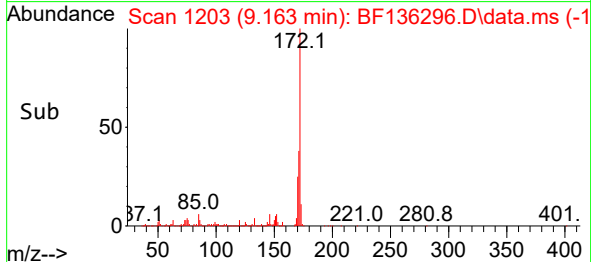
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



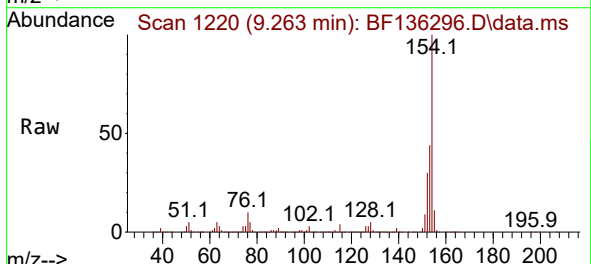
Tgt Ion:172 Resp: 1164510
Ion Ratio Lower Upper
172 100
171 38.2 31.5 47.3
170 25.2 20.8 31.2

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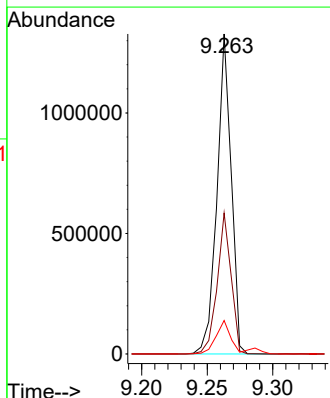
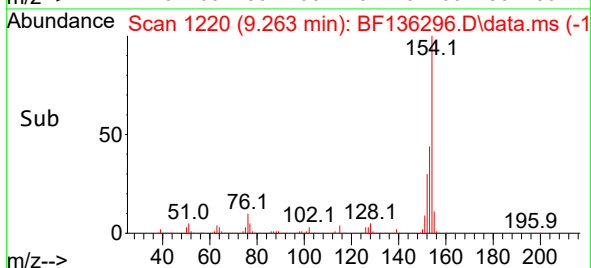
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

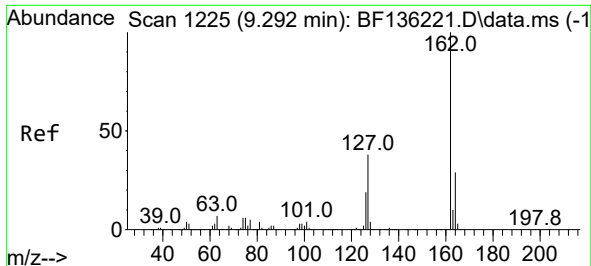


#46
1,1'-Biphenyl
Concen: 48.906 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



Tgt Ion:154 Resp: 997633
Ion Ratio Lower Upper
154 100
153 44.1 24.6 64.6
76 10.5 0.0 29.4





#47

2-Chloronaphthalene

Concen: 46.459 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

Instrument :

BNA_F

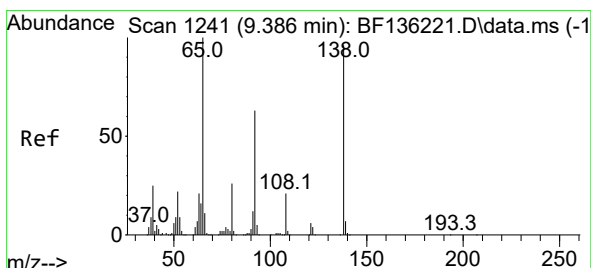
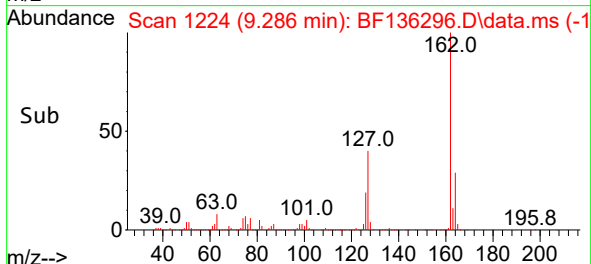
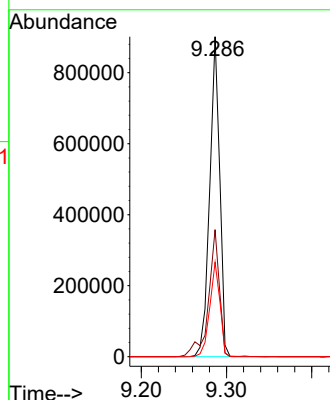
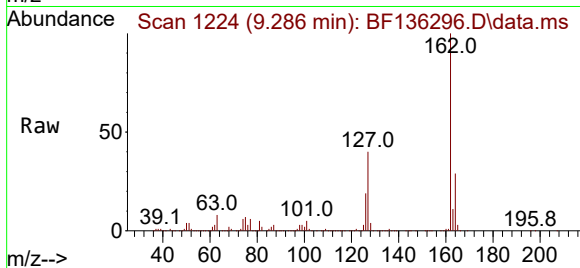
ClientSampleId :

TR-06-11222023MS

Tgt Ion:162 Resp: 735980
 Ion Ratio Lower Upper
 162 100
 127 39.7 30.2 45.2
 164 29.5 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: 46.669 ng

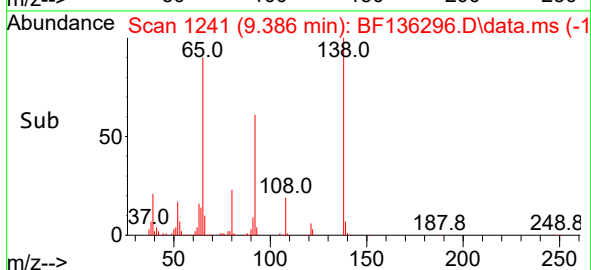
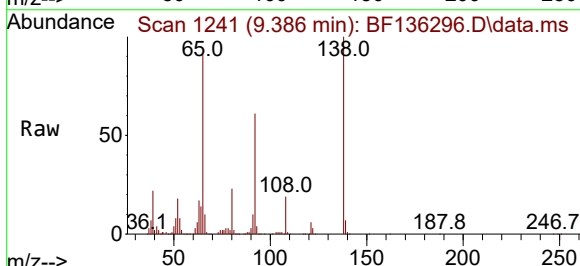
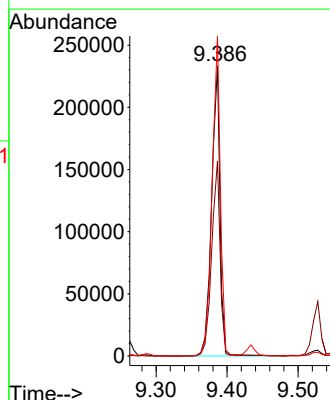
RT: 9.386 min Scan# 1241

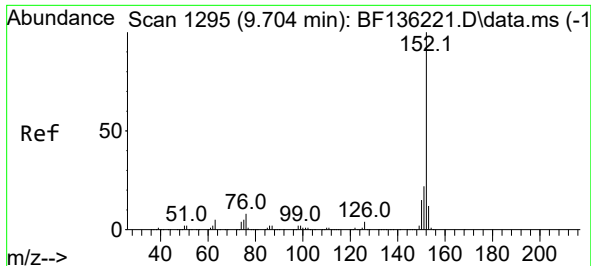
Delta R.T. 0.000 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

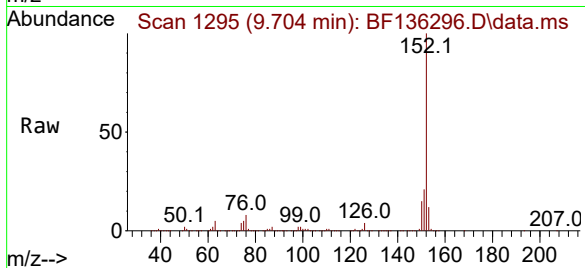
Tgt Ion: 65 Resp: 193021
 Ion Ratio Lower Upper
 65 100
 92 67.2 50.6 75.8
 138 110.3 76.7 115.1





#49
Acenaphthylene
Concen: 49.311 ng
RT: 9.704 min Scan# 1114774
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

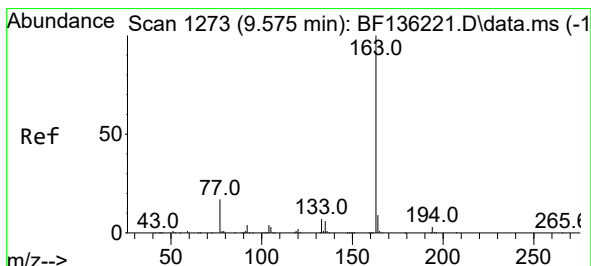
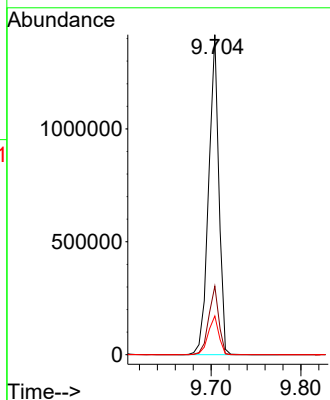
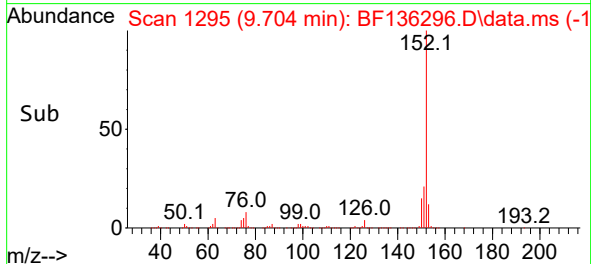
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



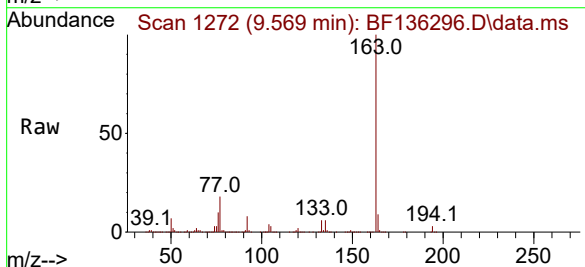
Tgt Ion:152 Resp: 1114774
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3
153 12.1 9.6 14.4

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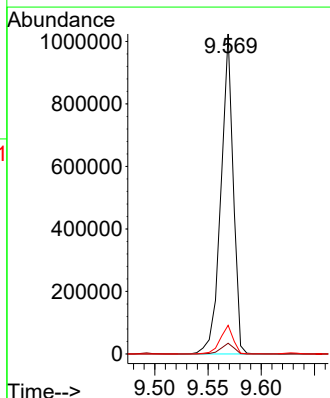
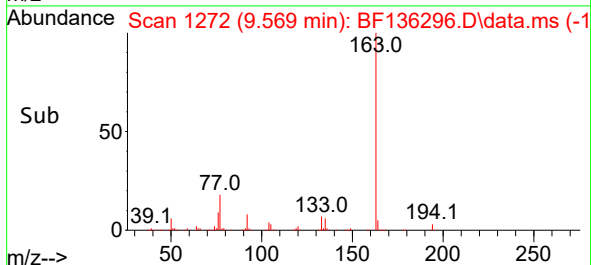
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

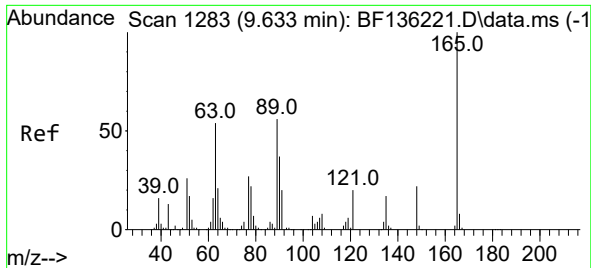


#50
Dimethylphthalate
Concen: 46.956 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



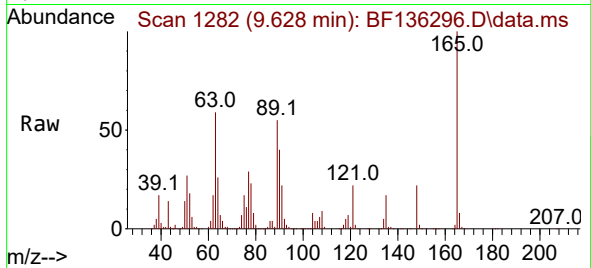
Tgt Ion:163 Resp: 820962
Ion Ratio Lower Upper
163 100
194 3.4 2.5 3.7
164 8.9 7.0 10.6





#51
2,6-Dinitrotoluene
Concen: 46.313 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

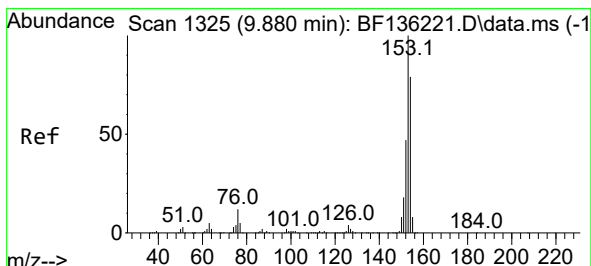
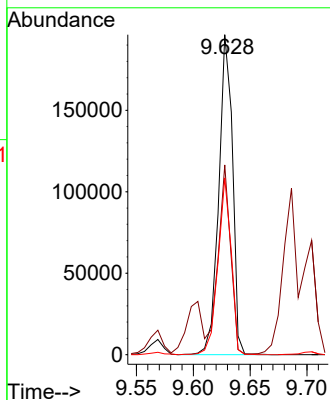
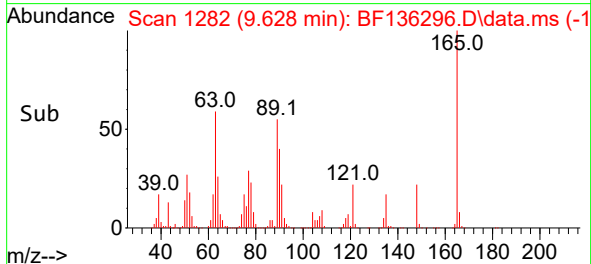
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:165 Resp: 165419
Ion Ratio Lower Upper
165 100
63 59.3 46.2 69.2
89 55.2 44.9 67.3

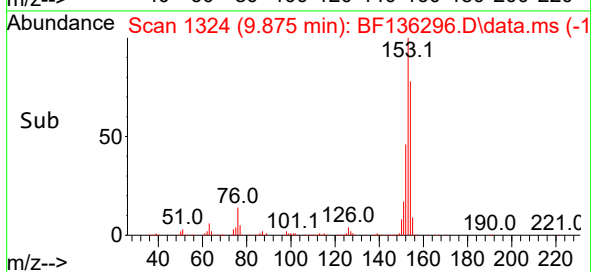
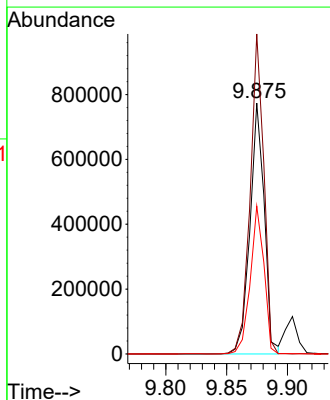
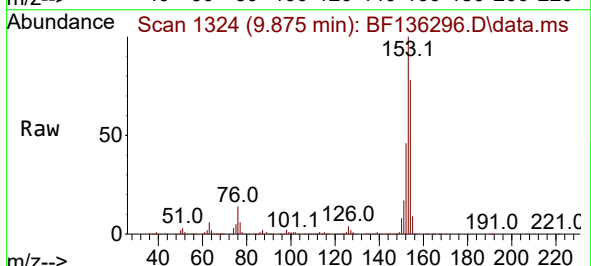
Manual Integrations
APPROVED

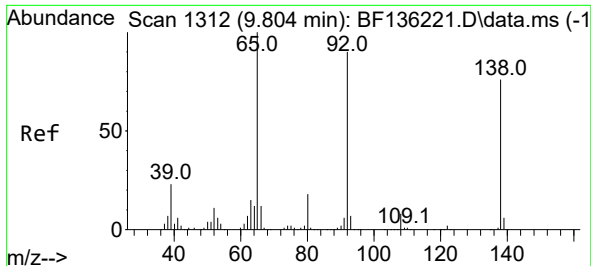
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#52
Acenaphthene
Concen: 44.313 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

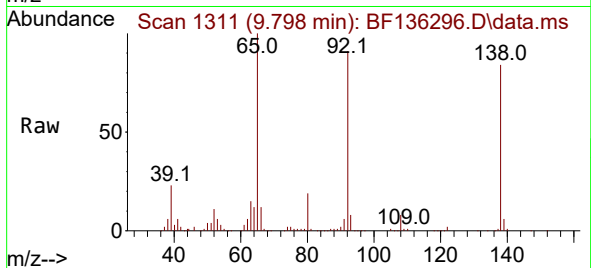
Tgt Ion:154 Resp: 633072
Ion Ratio Lower Upper
154 100
153 127.5 100.8 151.2
152 58.9 47.0 70.6





#53
3-Nitroaniline
Concen: 30.204 ng
RT: 9.798 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

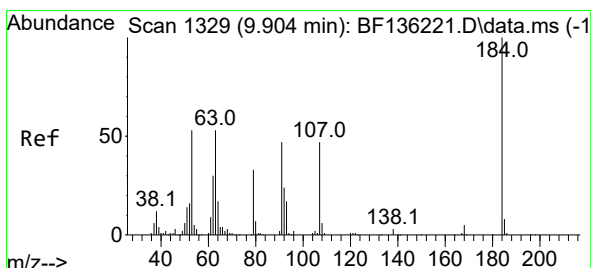
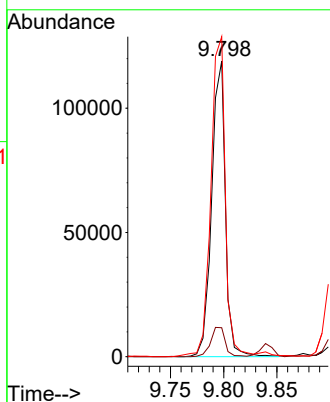
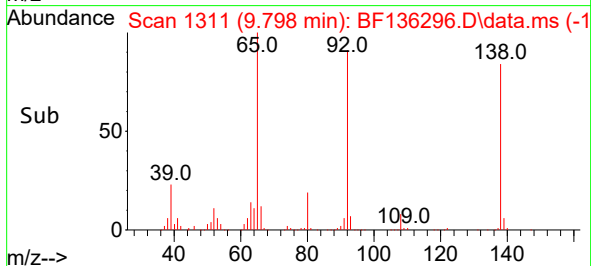
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:138 Resp: 107045
Ion Ratio Lower Upper
138 100
108 9.8 8.7 13.1
92 108.2 94.2 141.4

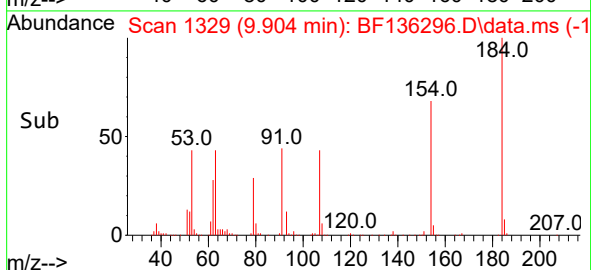
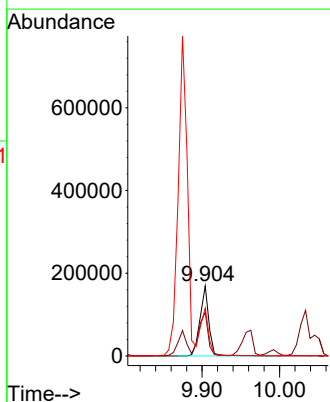
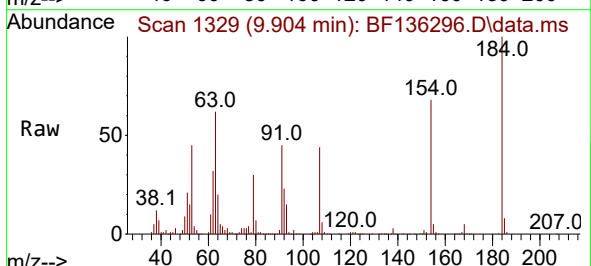
Manual Integrations
APPROVED

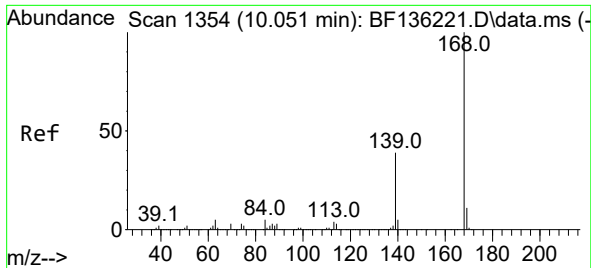
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#54
2,4-Dinitrophenol
Concen: 81.785 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

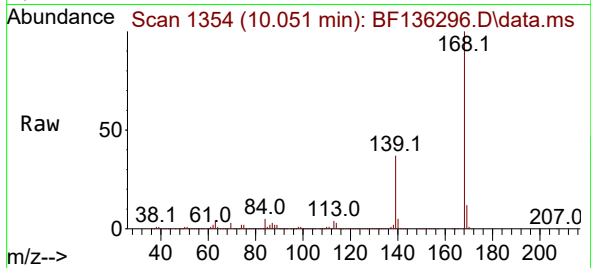
Tgt Ion:184 Resp: 135860
Ion Ratio Lower Upper
184 100
63 62.2 55.0 82.4
154 68.1 54.9 82.3





#55
Dibenzofuran
Concen: 44.647 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

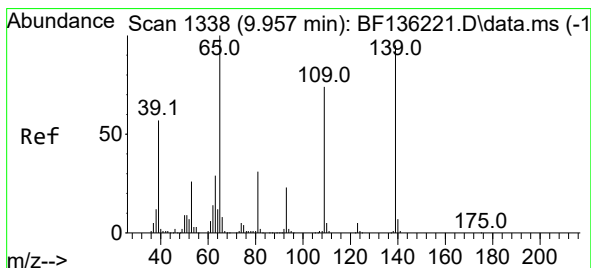
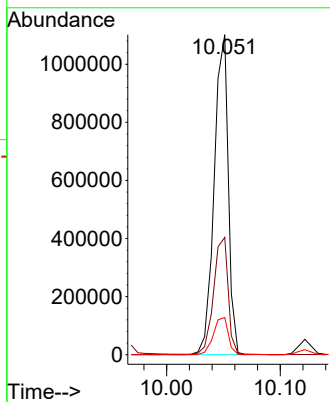
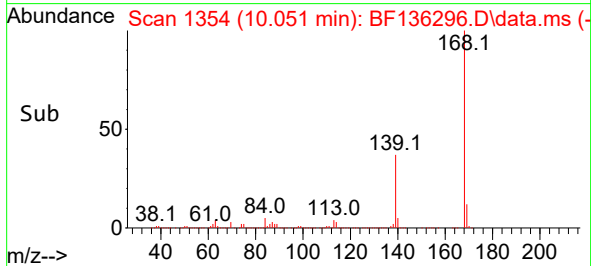
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:168 Resp: 94913
Ion Ratio Lower Upper
168 100
139 36.6 30.9 46.3
169 11.6 9.1 13.7

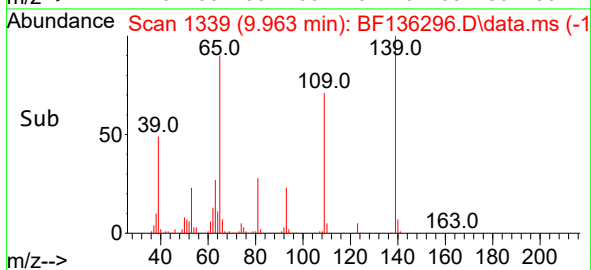
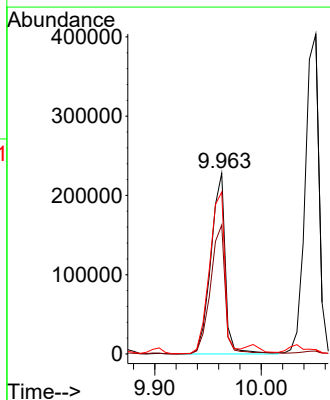
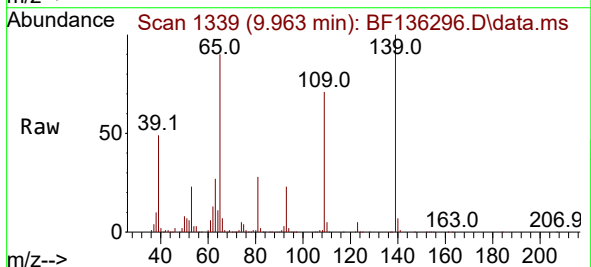
Manual Integrations
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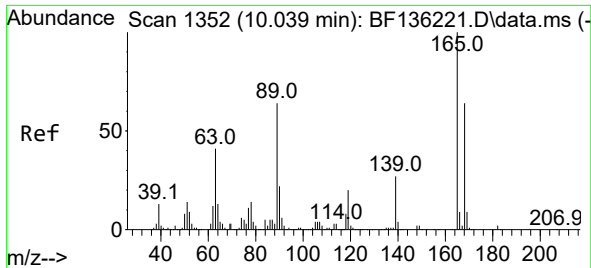
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 80.192 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

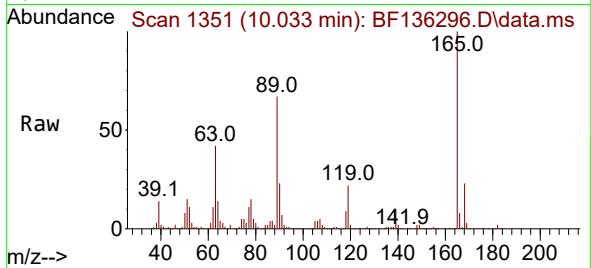
Tgt Ion:139 Resp: 215851
Ion Ratio Lower Upper
139 100
109 71.3 57.8 97.8
65 89.6 86.0 126.0





#57
2,4-Dinitrotoluene
Concen: 41.436 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

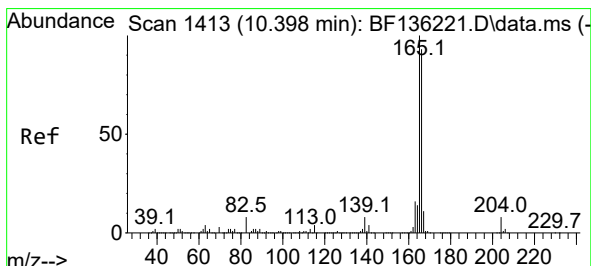
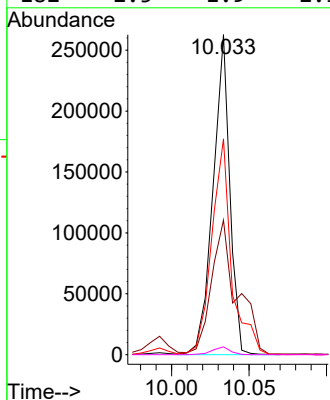
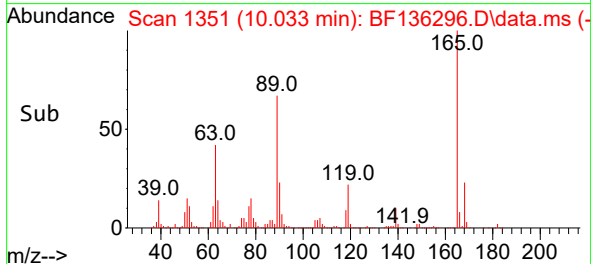
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



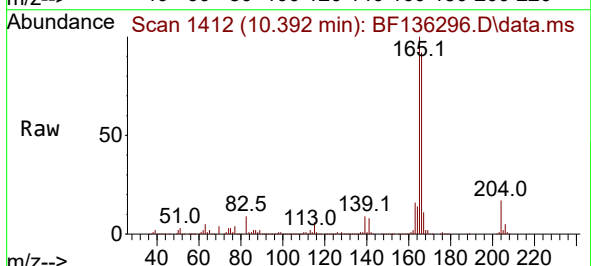
Tgt Ion:165 Resp: 197692
Ion Ratio Lower Upper
165 100
63 42.1 33.0 49.4
89 67.5 51.5 77.3
182 2.5 1.9 2.9

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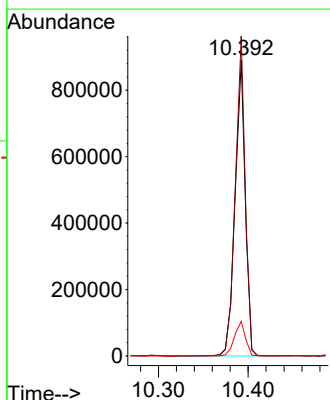
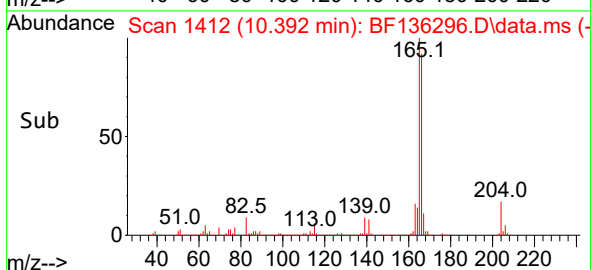
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

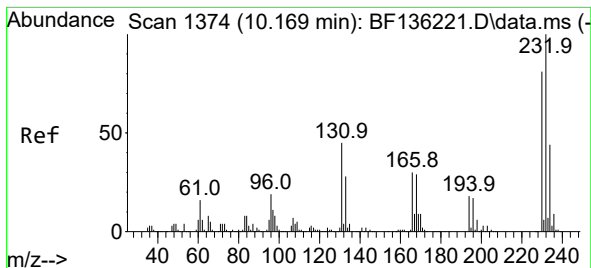


#58
Fluorene
Concen: 42.100 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



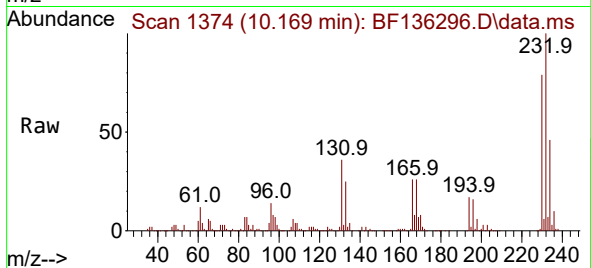
Tgt Ion:166 Resp: 702020
Ion Ratio Lower Upper
166 100
165 108.2 86.2 129.4
167 11.7 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.822 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

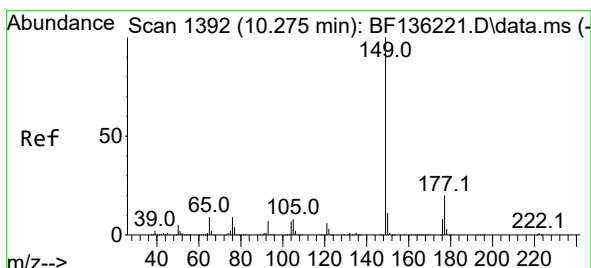
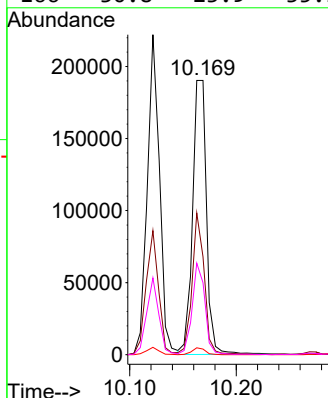
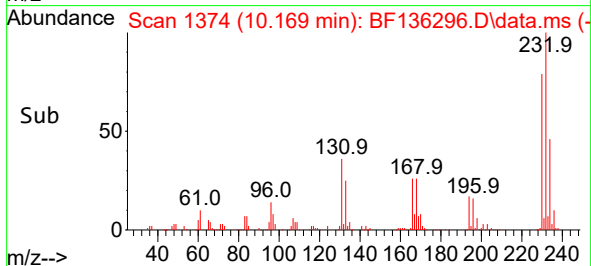
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:232 Resp: 17351
Ion Ratio Lower Upper
232 100
131 44.6 36.4 54.6
130 2.4 1.9 2.9
166 30.8 23.9 35.9

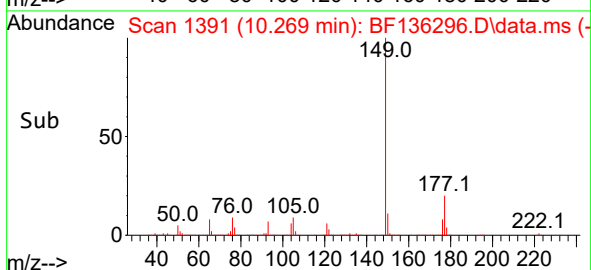
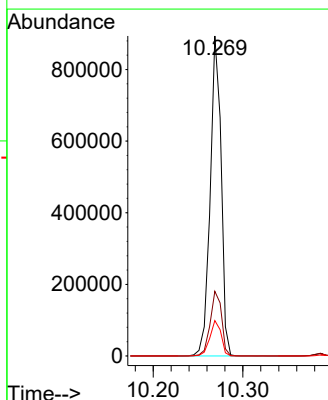
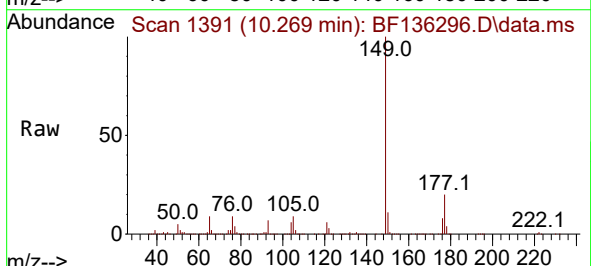
Manual Integrations
APPROVED

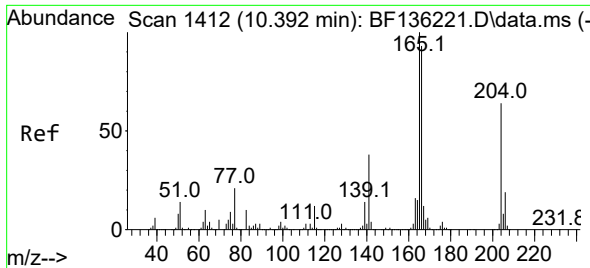
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#60
Diethylphthalate
Concen: 43.165 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

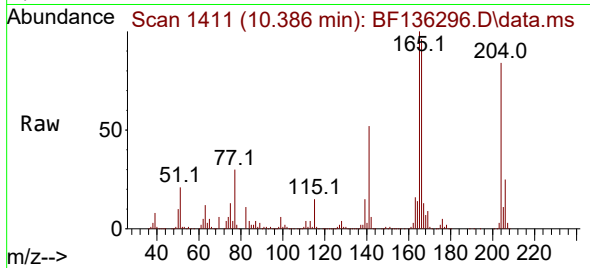
Tgt Ion:149 Resp: 754916
Ion Ratio Lower Upper
149 100
177 20.2 15.8 23.6
150 11.1 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 42.162 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

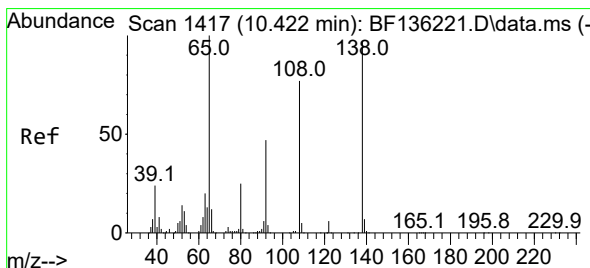
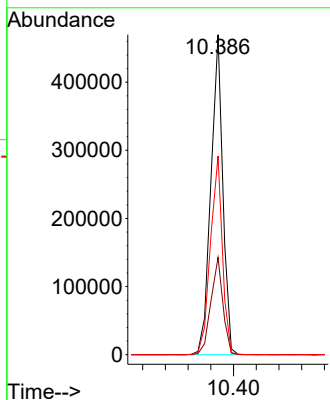
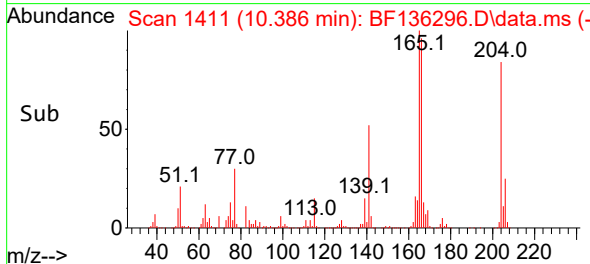
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:204 Resp: 341428
Ion Ratio Lower Upper
204 100
206 30.4 23.4 35.0
141 62.1 47.6 71.4

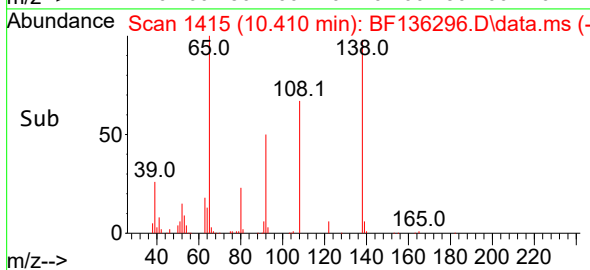
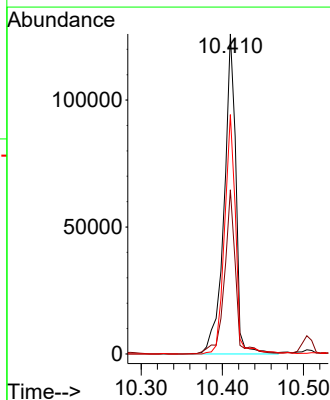
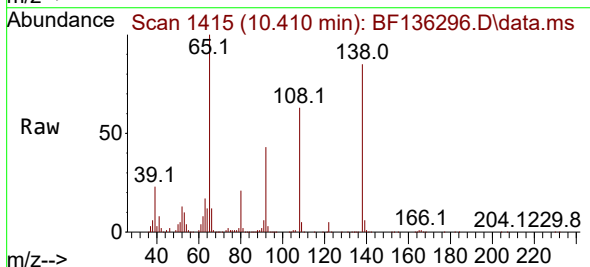
Manual Integrations
APPROVED

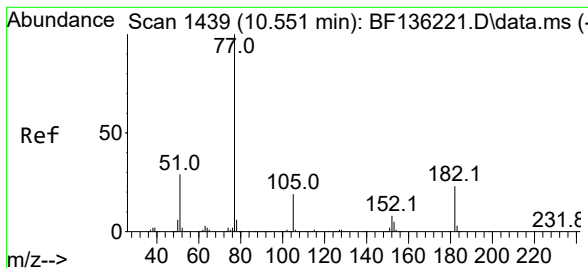
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#62
4-Nitroaniline
Concen: 36.850 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

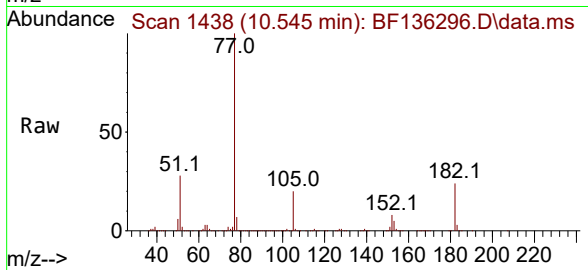
Tgt Ion:138 Resp: 127836
Ion Ratio Lower Upper
138 100
92 51.3 28.5 68.5
108 74.8 59.8 99.8





#63
Azobenzene
Concen: 40.217 ng
RT: 10.545 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

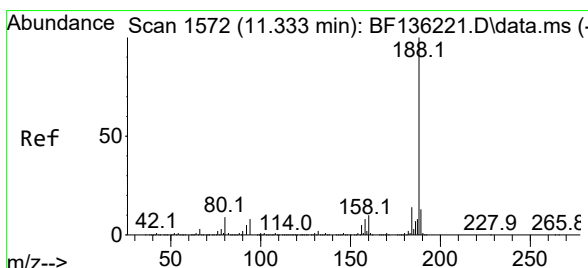
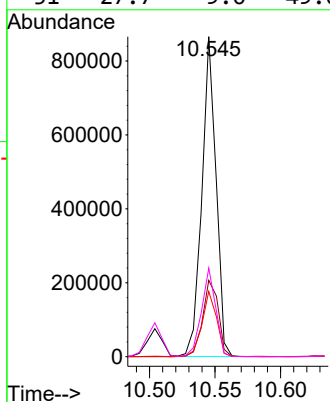
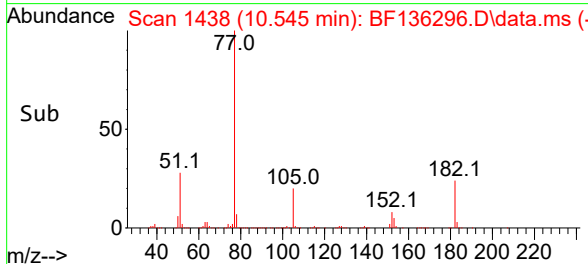
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



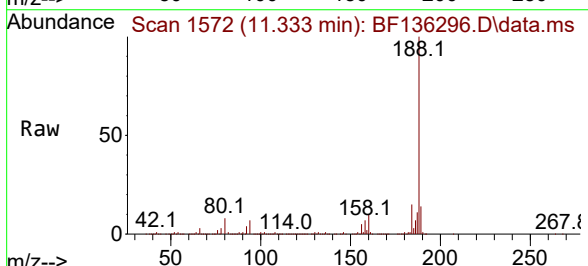
Tgt Ion: 77 Resp: 65207
Ion Ratio Lower Upper
77 100
182 23.9 3.3 43.3
105 20.4 0.0 39.5
51 27.7 9.0 49.0

Manual Integrations
APPROVED

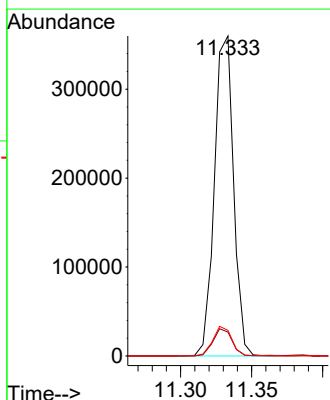
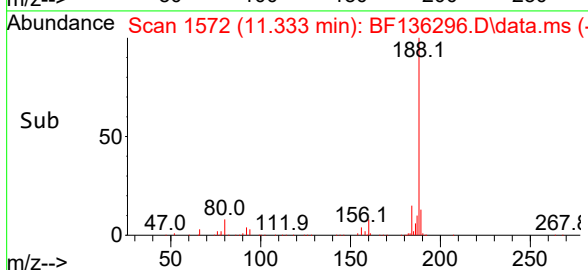
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

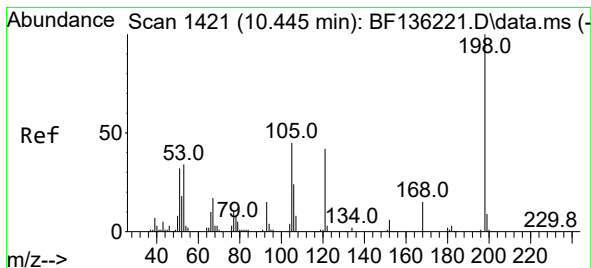


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



Tgt Ion:188 Resp: 338116
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.0 7.2 10.8





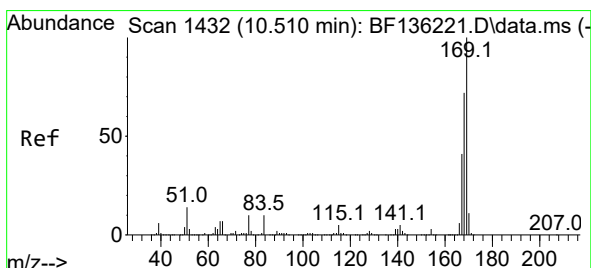
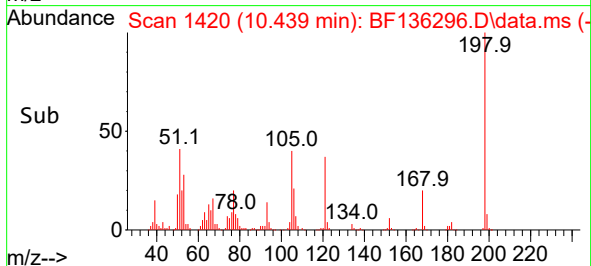
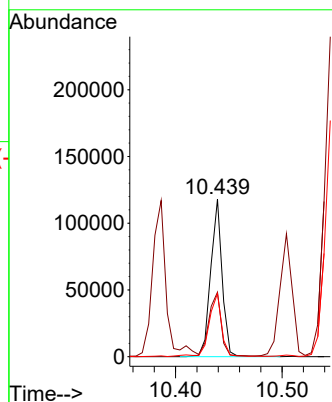
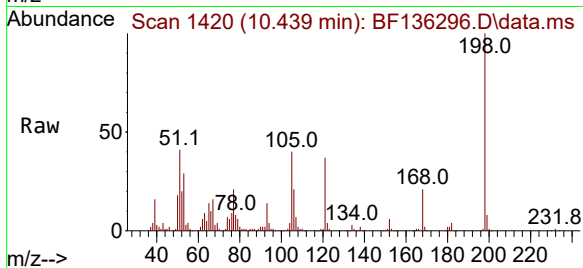
#65
4,6-Dinitro-2-methylphenol
Concen: 47.692 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS

Tgt Ion:198 Resp: 8818
Ion Ratio Lower Upper
198 100
51 41.0 28.2 68.2
105 40.2 25.7 65.7

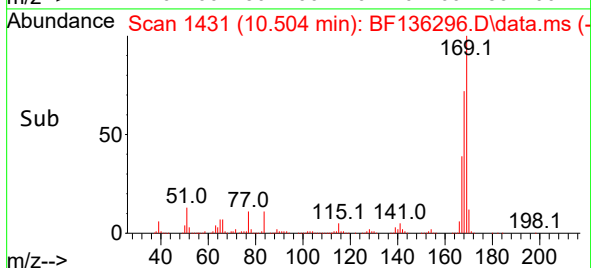
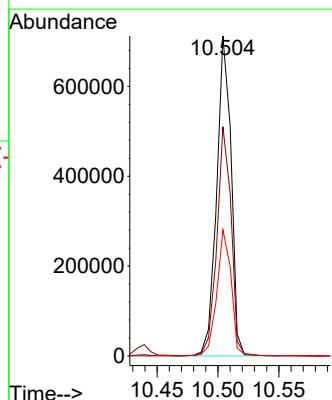
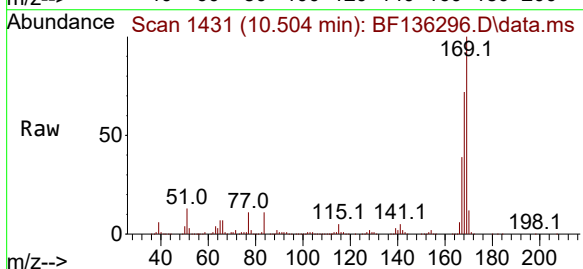
Manual Integrations
APPROVED

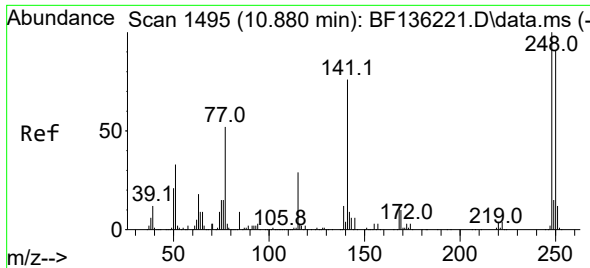
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 54.110 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

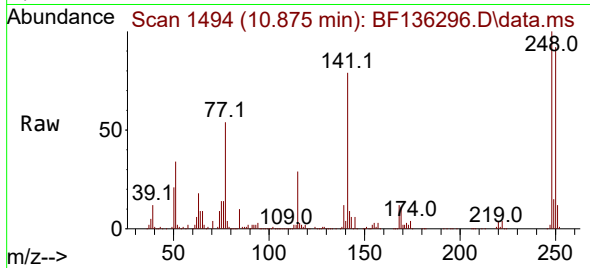
Tgt Ion:169 Resp: 586299
Ion Ratio Lower Upper
169 100
168 71.7 57.8 86.6
167 39.4 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 50.246 ng
RT: 10.875 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

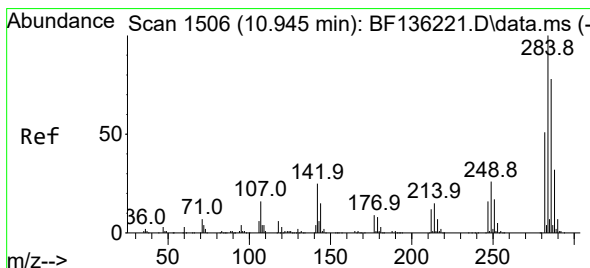
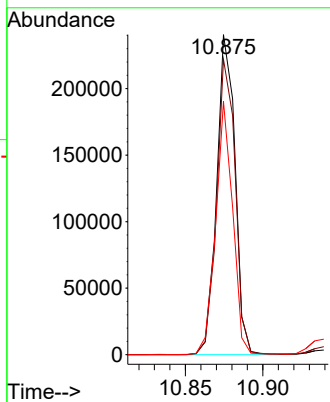
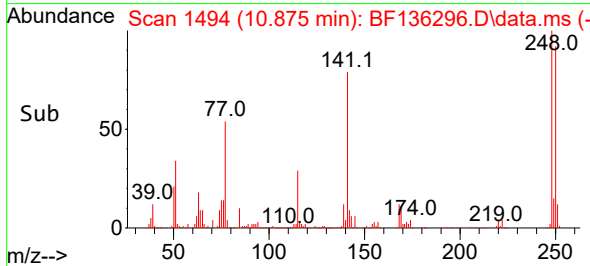
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



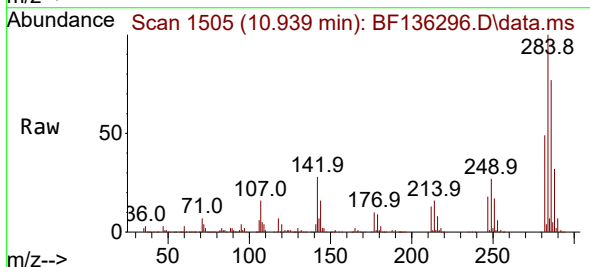
Tgt Ion:248 Resp: 198204
Ion Ratio Lower Upper
248 100
250 92.3 72.5 108.7
141 79.2 60.8 91.2

Manual Integrations
APPROVED

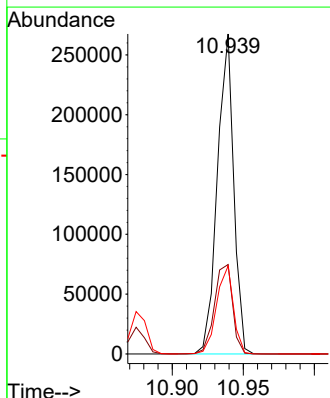
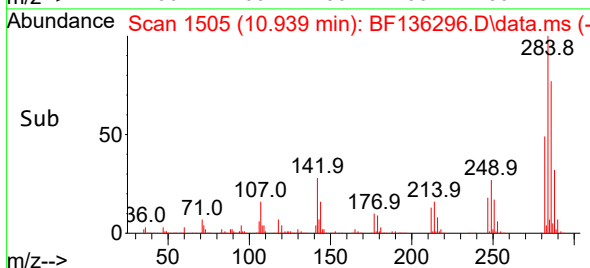
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

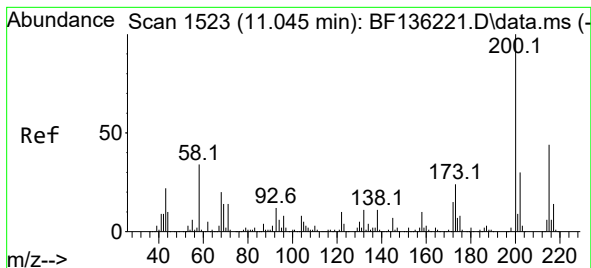


#68
Hexachlorobenzene
Concen: 46.739 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



Tgt Ion:284 Resp: 213384
Ion Ratio Lower Upper
284 100
142 27.9 19.8 29.8
249 27.5 21.0 31.4





#69

Atrazine

Concen: 54.774 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MS

Tgt Ion:200 Resp: 176060

Ion Ratio Lower Upper

200 100

173 25.7 4.3 44.3

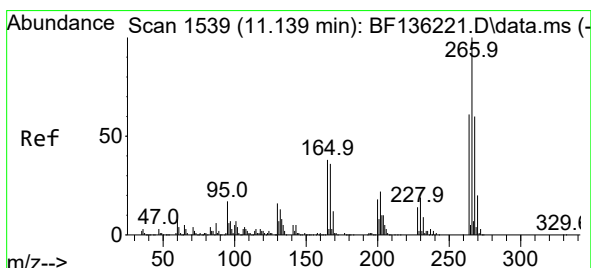
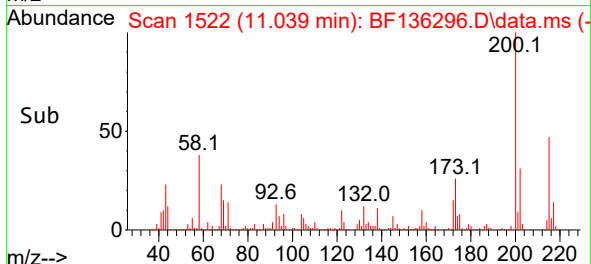
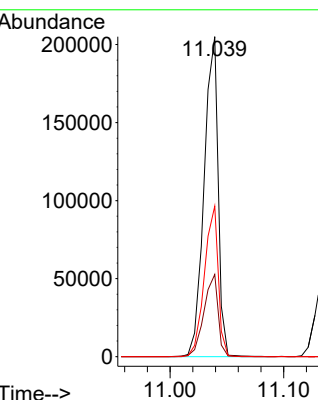
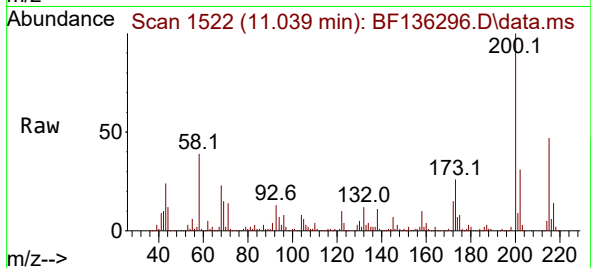
215 47.1 23.8 63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#70

Pentachlorophenol

Concen: 89.522 ng

RT: 11.133 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

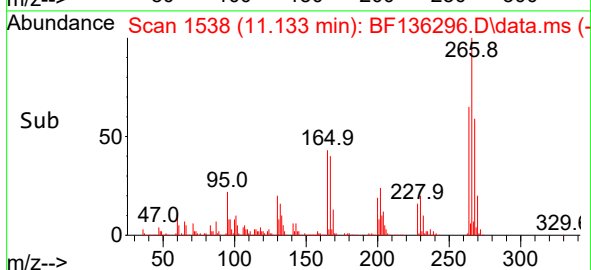
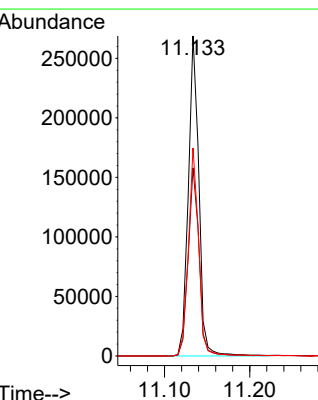
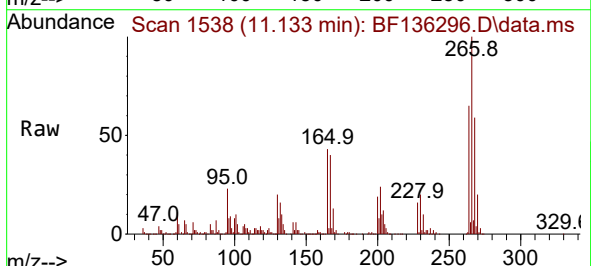
Tgt Ion:266 Resp: 231025

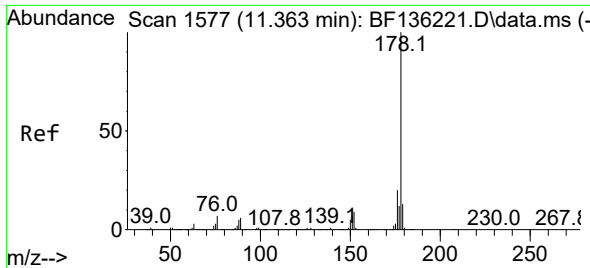
Ion Ratio Lower Upper

266 100

268 58.8 47.9 71.9

264 65.0 49.1 73.7





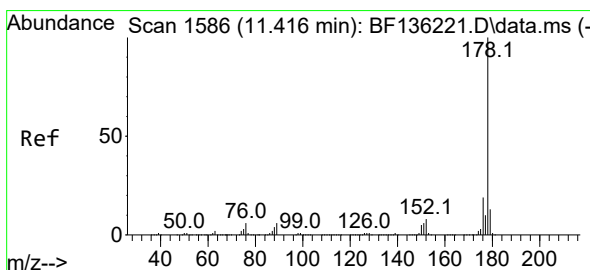
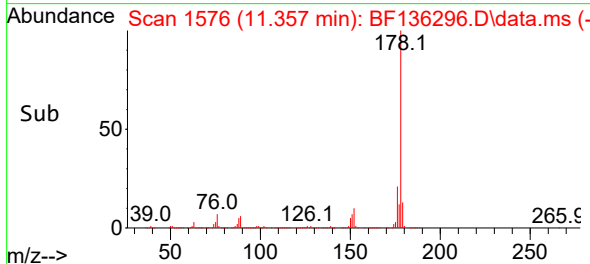
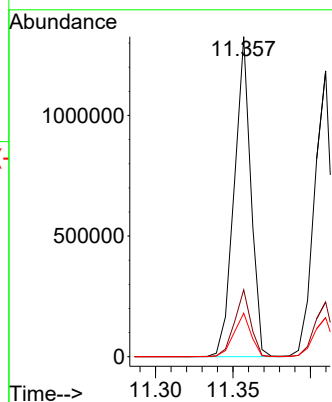
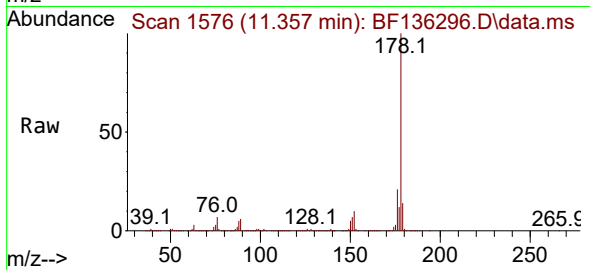
#71
Phenanthrene
Concen: 52.188 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS

Tgt Ion:178 Resp: 991754
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.2
179 13.6 10.3 15.5

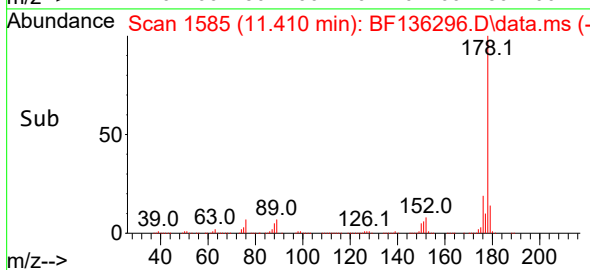
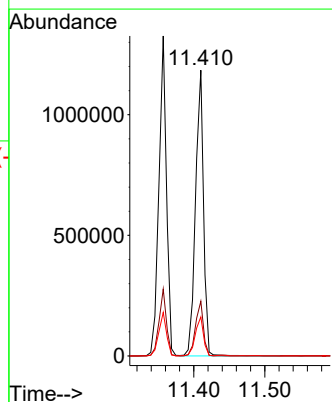
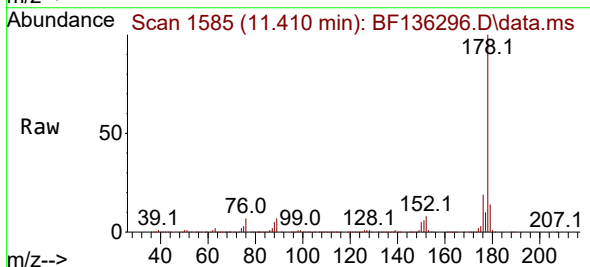
Manual Integrations
APPROVED

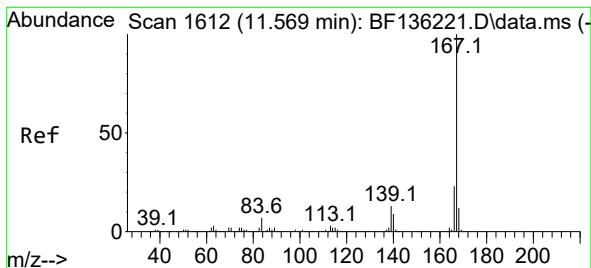
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 48.882 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

Tgt Ion:178 Resp: 931555
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 13.6 10.5 15.7





#73

Carbazole

Concen: 45.707 ng

RT: 11.563 min Scan# 1611

Delta R.T. -0.006 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MS

Tgt Ion:167 Resp: 740828

Ion Ratio Lower Upper

167 100

166 22.5 18.4 27.6

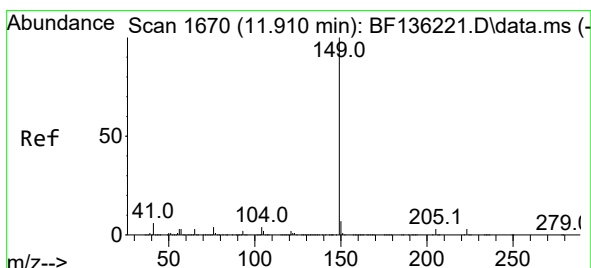
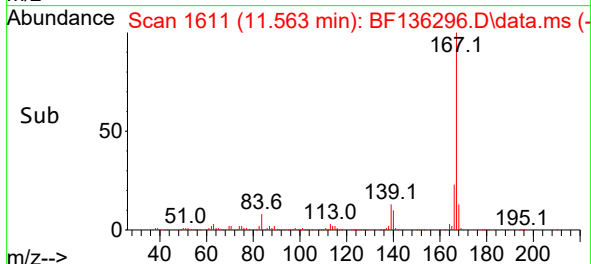
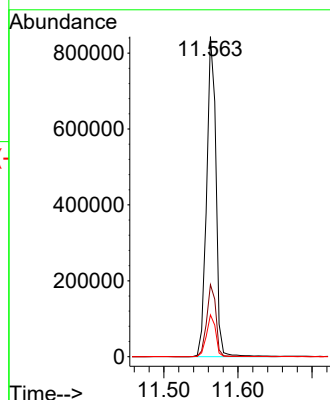
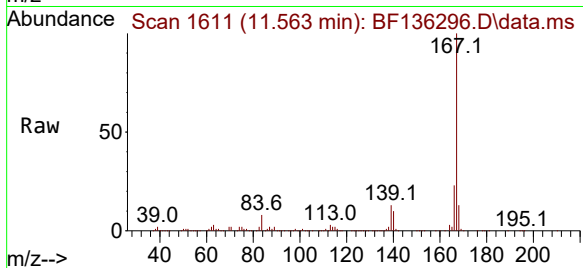
139 13.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#74

Di-n-butylphthalate

Concen: 49.828 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

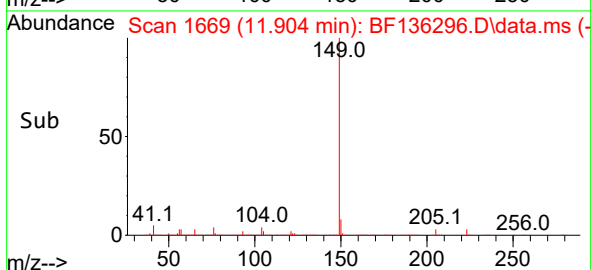
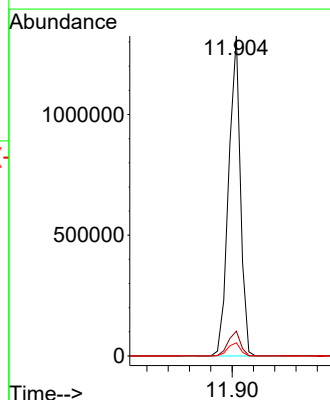
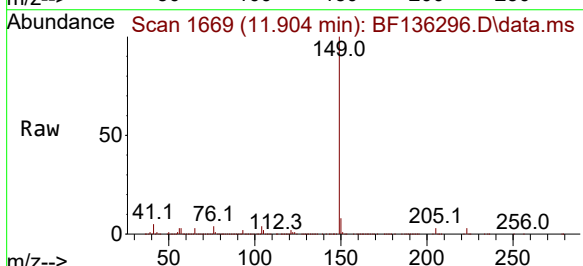
Tgt Ion:149 Resp: 1010520

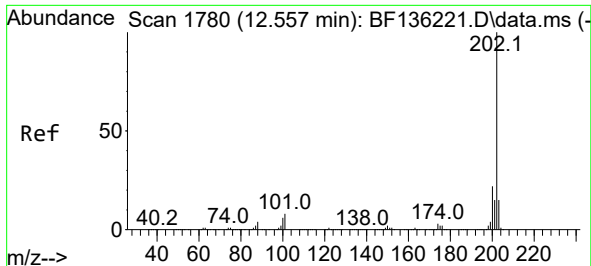
Ion Ratio Lower Upper

149 100

150 7.8 6.0 9.0

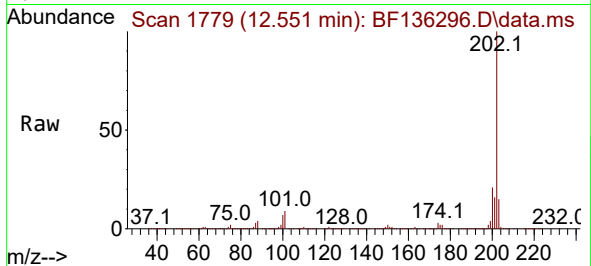
104 4.1 3.5 5.3





#75
Fluoranthene
Concen: 52.745 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

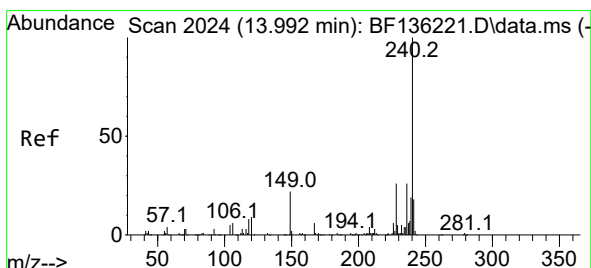
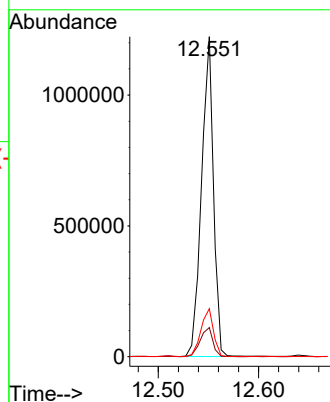
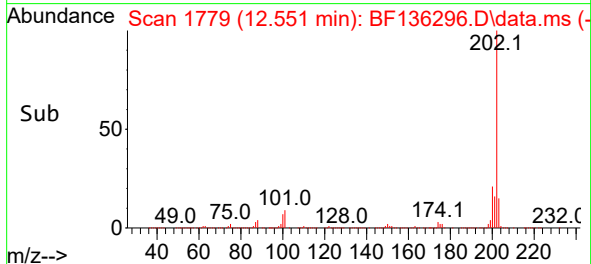
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:202 Resp: 101755
Ion Ratio Lower Upper
202 100
101 9.1 0.0 27.8
203 15.0 0.0 34.5

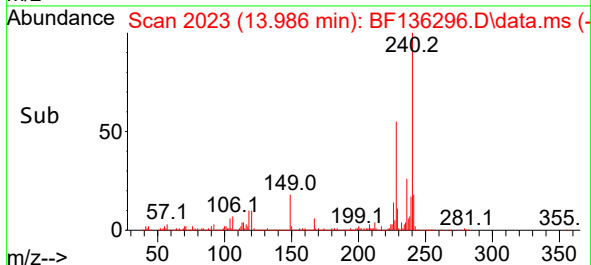
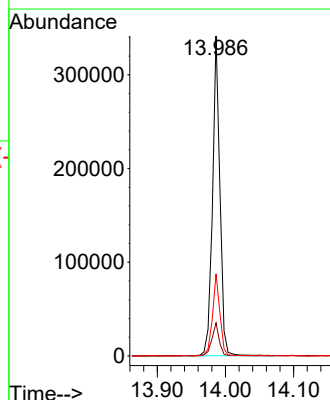
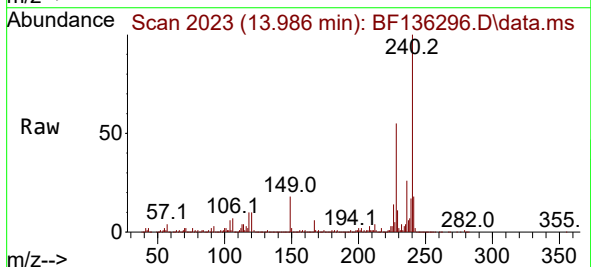
Manual Integrations
APPROVED

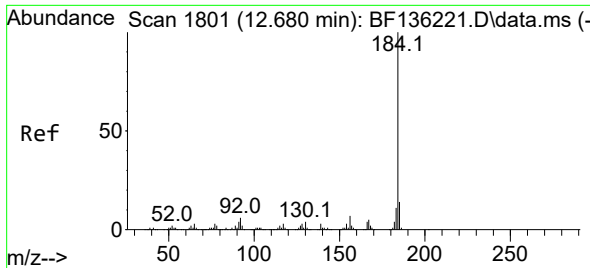
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

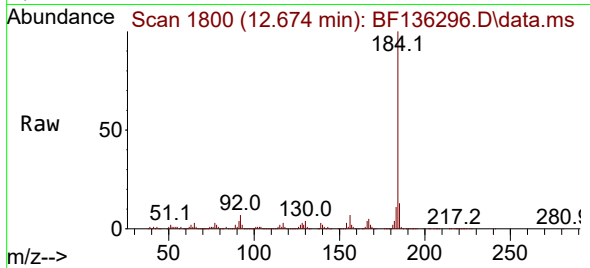
Tgt Ion:240 Resp: 257779
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.2
236 25.7 21.1 31.7





#77
Benzidine
Concen: 60.772 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

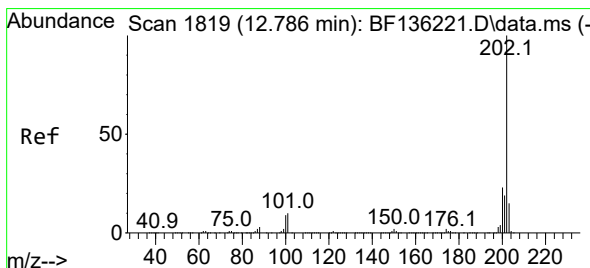
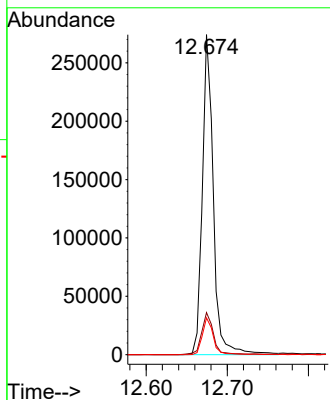
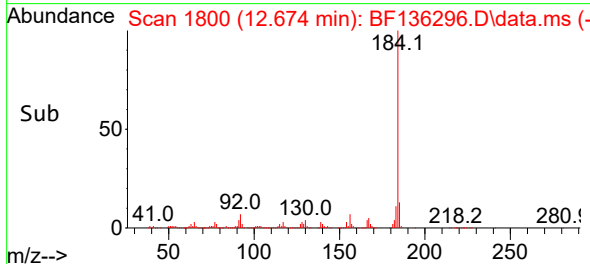
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



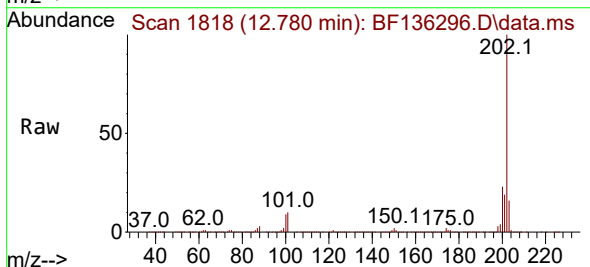
Tgt Ion:184 Resp: 257519
Ion Ratio Lower Upper
184 100
185 13.2 11.0 16.6
183 11.5 9.0 13.4

Manual Integrations
APPROVED

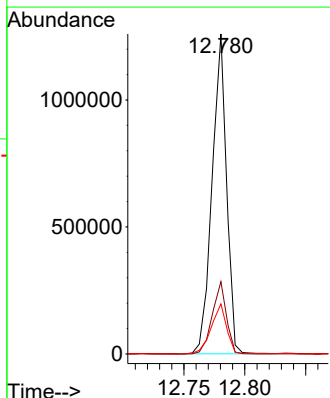
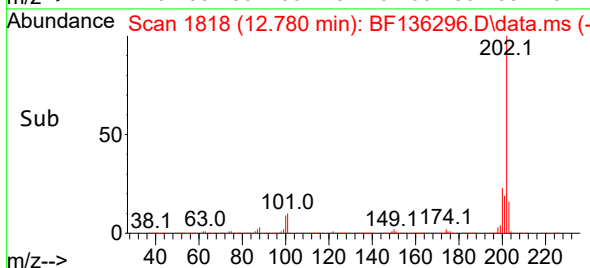
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

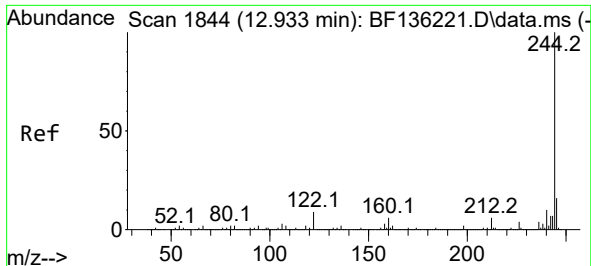


#78
Pyrene
Concen: 36.806 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



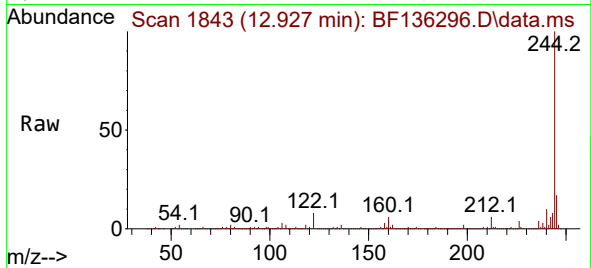
Tgt Ion:202 Resp: 1039073
Ion Ratio Lower Upper
202 100
200 22.6 18.4 27.6
203 15.6 11.8 17.6





#79
 Terphenyl-d14
 Concen: 40.747 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136296.D
 Acq: 29 Nov 2023 21:54

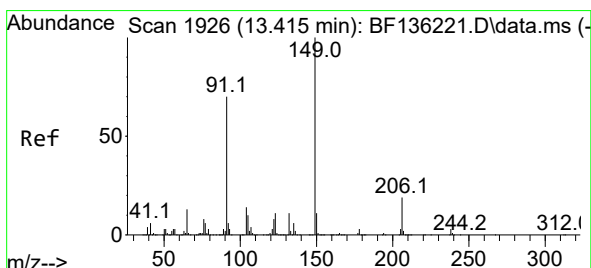
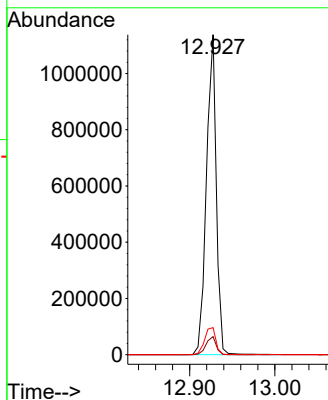
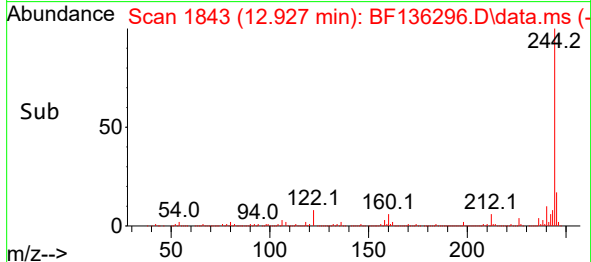
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-11222023MS



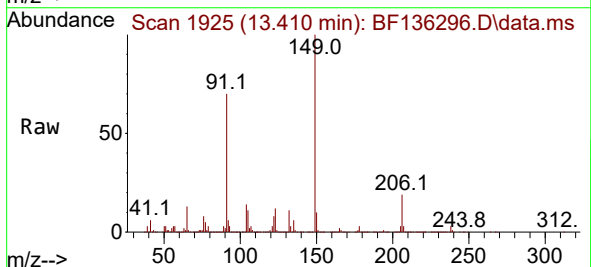
Tgt Ion:244 Resp: 910598
 Ion Ratio Lower Upper
 244 100
 212 5.6 4.6 7.0
 122 8.4 7.3 10.9

Manual Integrations
 APPROVED

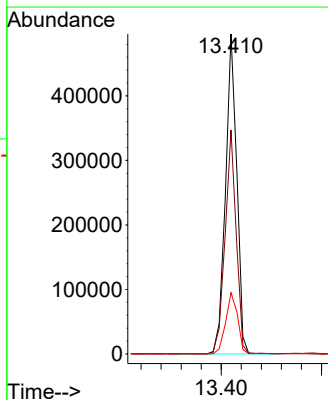
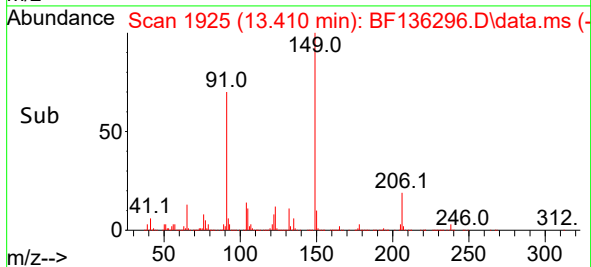
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

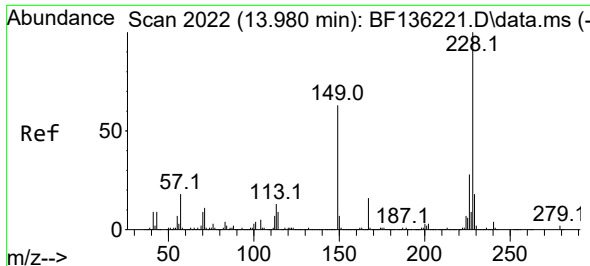


#80
 Butylbenzylphthalate
 Concen: 43.984 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136296.D
 Acq: 29 Nov 2023 21:54



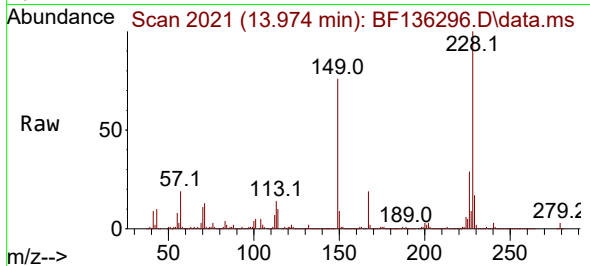
Tgt Ion:149 Resp: 386456
 Ion Ratio Lower Upper
 149 100
 91 70.0 56.4 84.6
 206 19.1 14.8 22.2





#81
Benzo(a)anthracene
Concen: 48.504 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

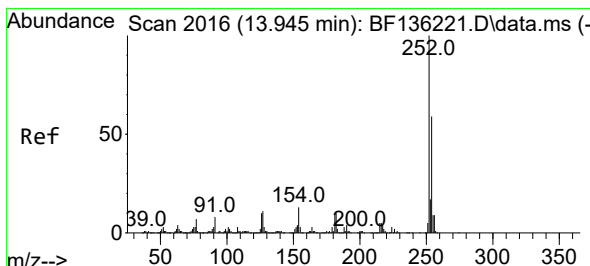
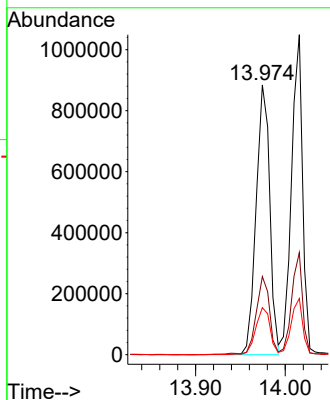
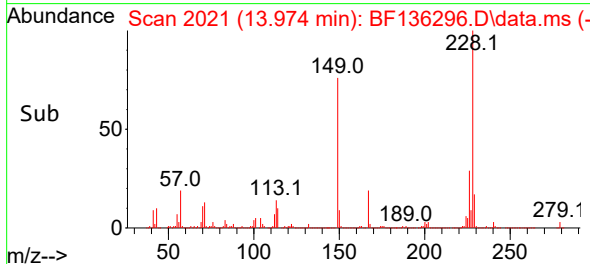
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:228 Resp: 92869
Ion Ratio Lower Upper
228 100
226 29.0 22.6 34.0
229 17.4 14.0 21.0

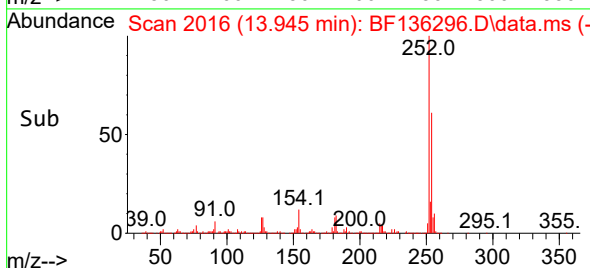
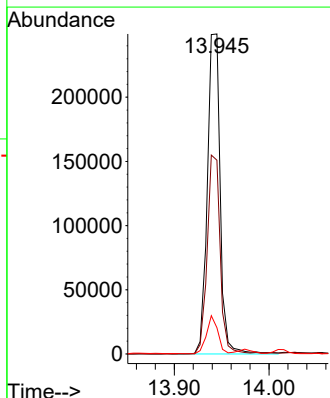
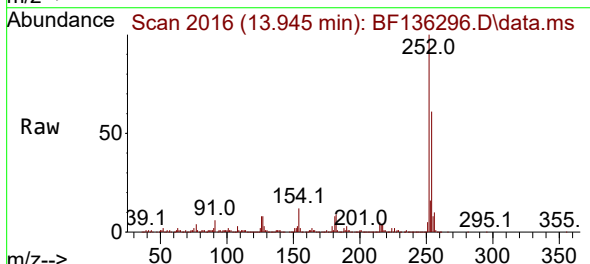
Manual Integrations
APPROVED

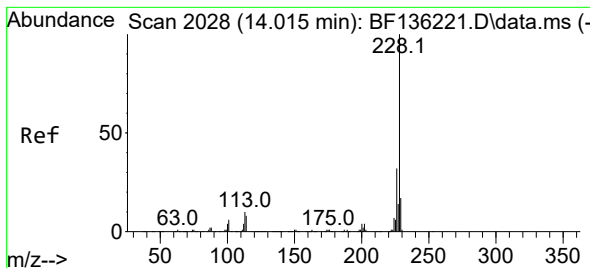
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#82
3,3'-Dichlorobenzidine
Concen: 50.941 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

Tgt Ion:252 Resp: 234785
Ion Ratio Lower Upper
252 100
254 60.5 47.4 71.2
126 8.2 8.3 12.5





#83

Chrysene

Concen: 48.567 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MS

Tgt Ion:228 Resp: 897859

Ion Ratio Lower Upper

228 100

226 31.9 25.5 38.3

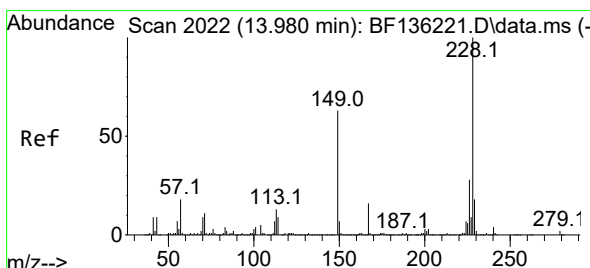
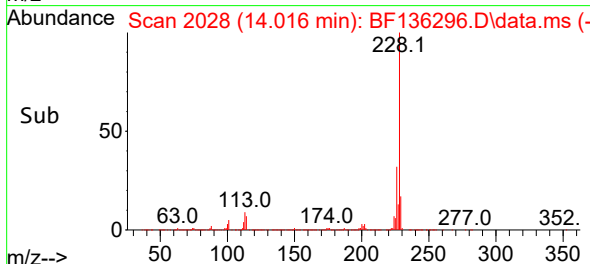
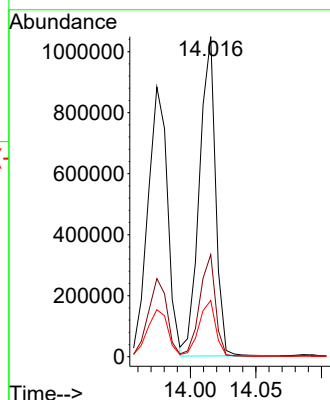
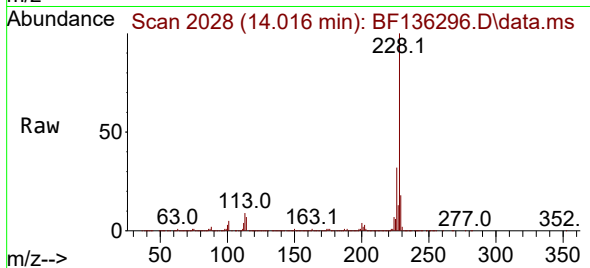
229 17.6 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.829 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136296.D

Acq: 29 Nov 2023 21:54

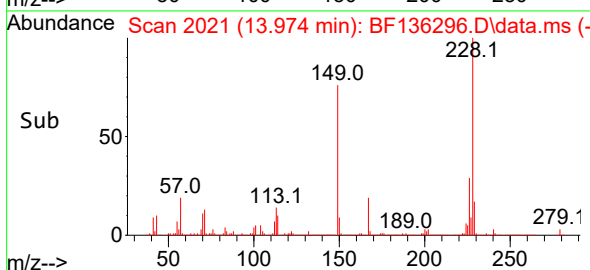
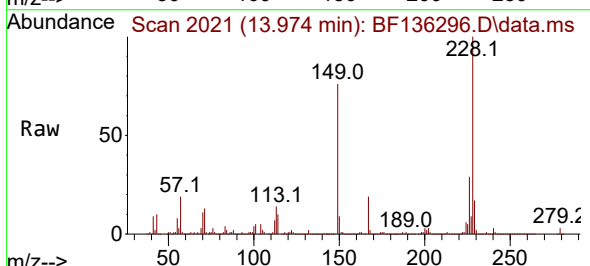
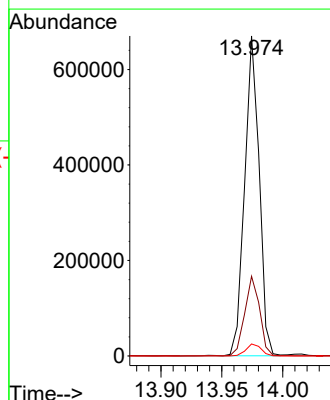
Tgt Ion:149 Resp: 557059

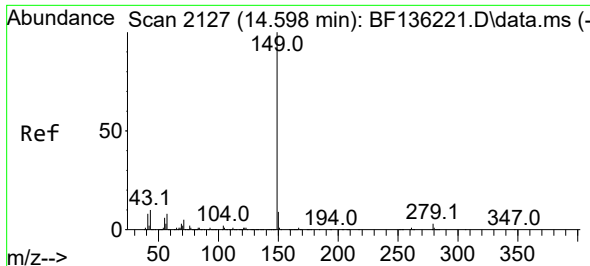
Ion Ratio Lower Upper

149 100

167 24.9 20.2 30.2

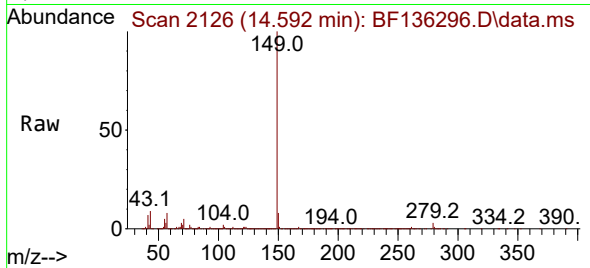
279 3.8 2.4 3.6#





#85
Di-n-octyl phthalate
Concen: 61.860 ng
RT: 14.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

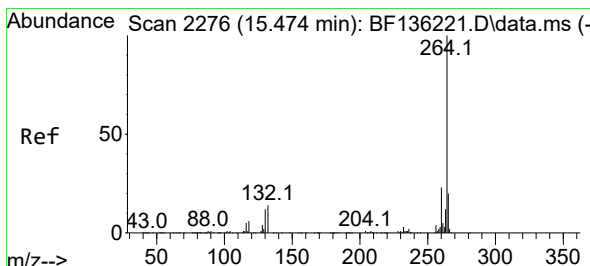
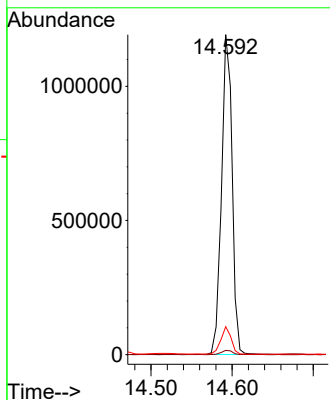
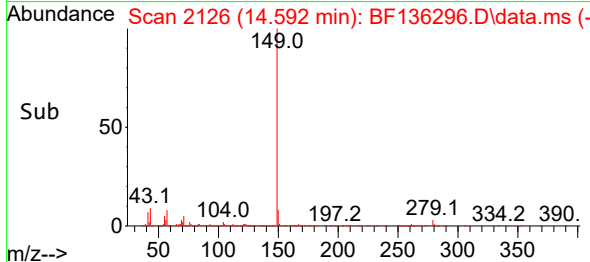
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:149 Resp: 1087992
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 8.3 7.2 10.8

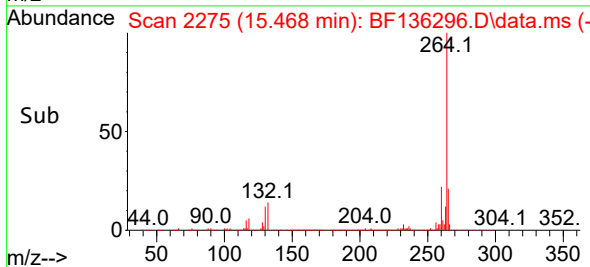
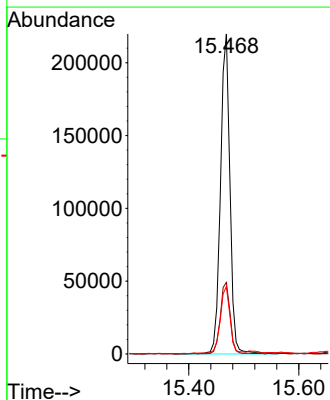
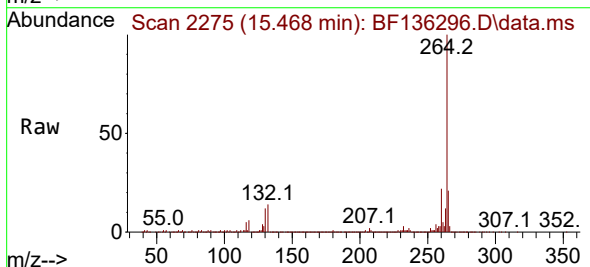
Manual Integrations
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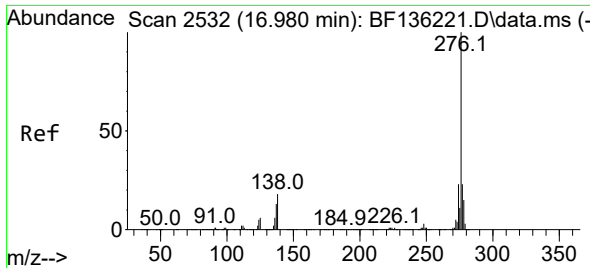
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

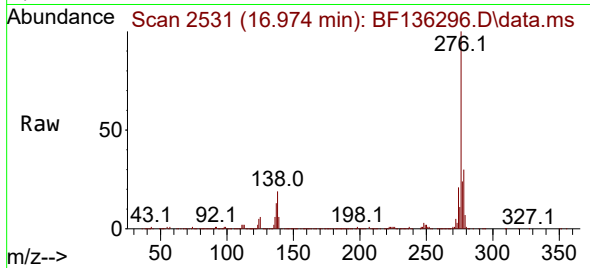
Tgt Ion:264 Resp: 262168
Ion Ratio Lower Upper
264 100
260 22.4 18.6 27.8
265 21.0 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 32.084 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

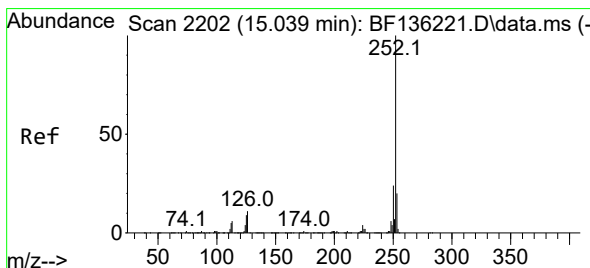
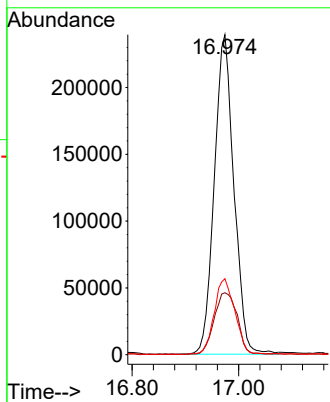
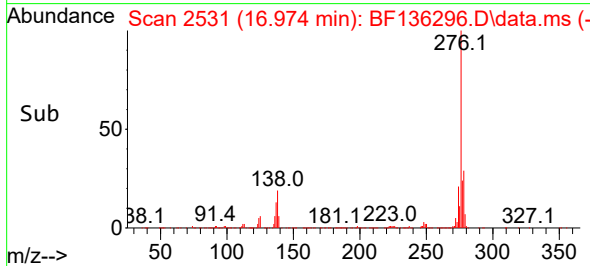
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



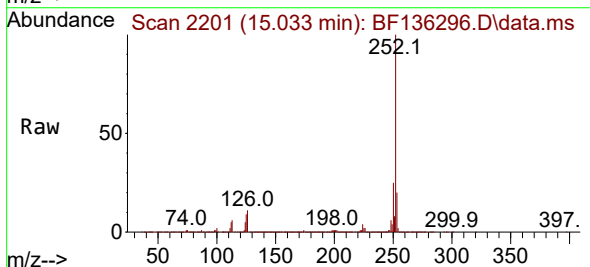
Tgt Ion:276 Resp: 610298
Ion Ratio Lower Upper
276 100
138 22.6 17.7 26.5
277 25.0 19.6 29.4

Manual Integrations
APPROVED

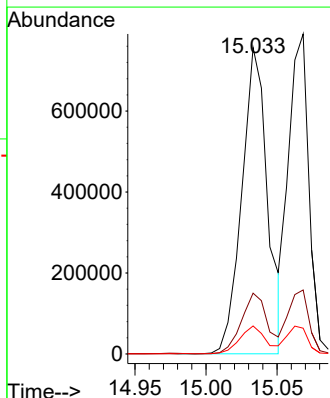
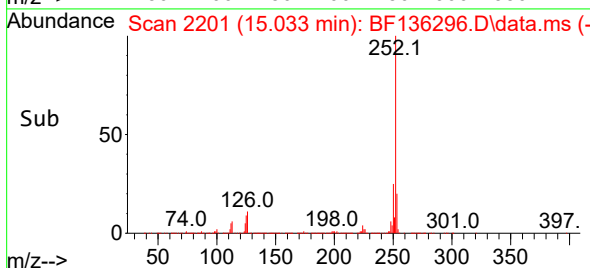
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

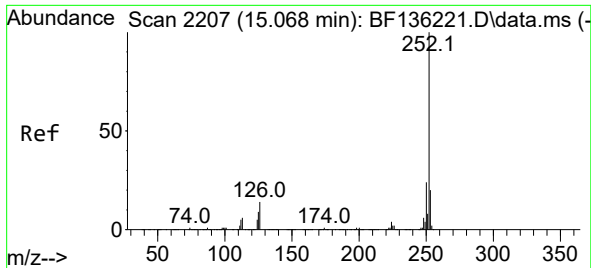


#88
Benzo(b)fluoranthene
Concen: 51.727 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



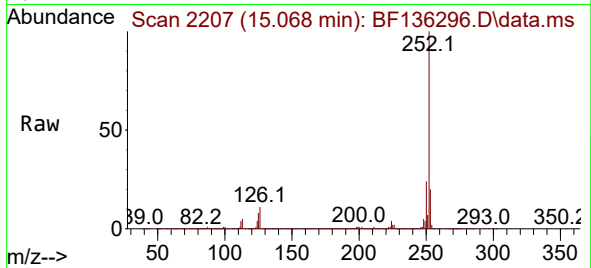
Tgt Ion:252 Resp: 951437
Ion Ratio Lower Upper
252 100
253 19.9 16.2 24.2
125 9.1 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 44.965 ng
RT: 15.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

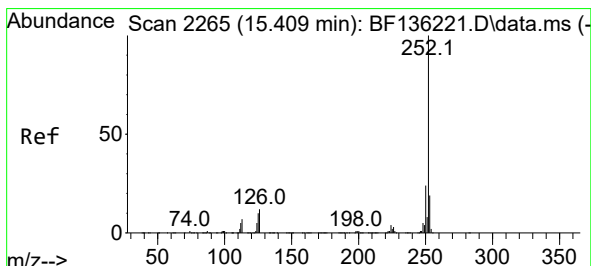
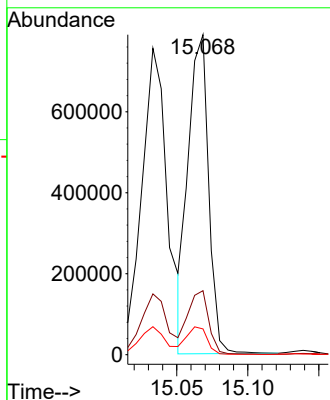
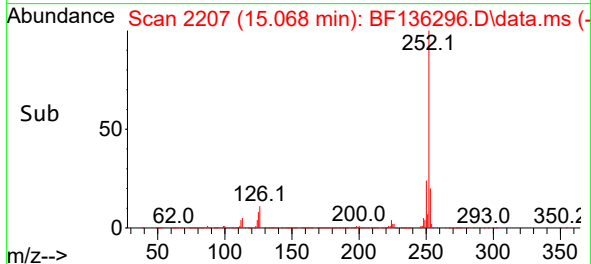
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:252 Resp: 78550
Ion Ratio Lower Upper
252 100
253 20.0 15.6 23.4
125 8.1 7.0 10.4

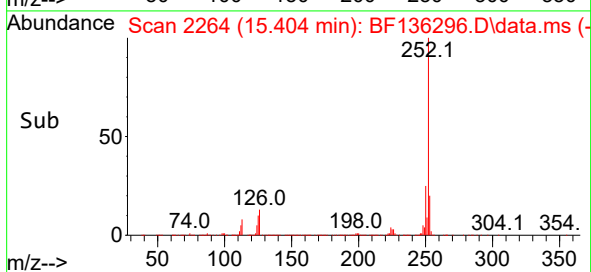
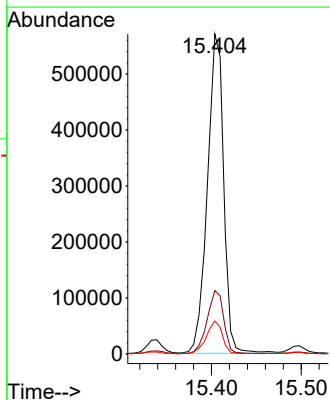
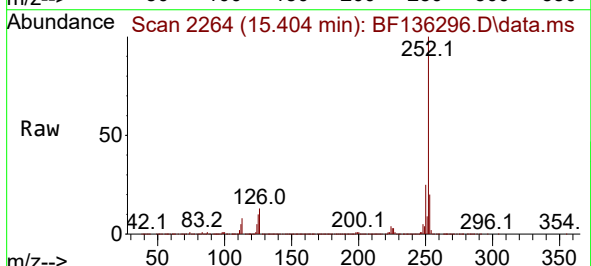
Manual Integrations
APPROVED

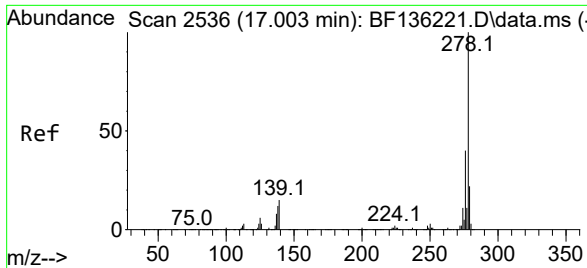
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#90
Benzo(a)pyrene
Concen: 47.844 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.005 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

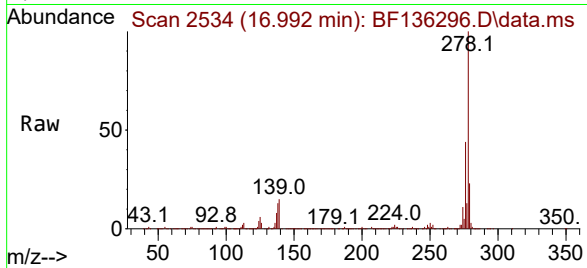
Tgt Ion:252 Resp: 719381
Ion Ratio Lower Upper
252 100
253 19.8 15.5 23.3
125 10.3 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 32.450 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54

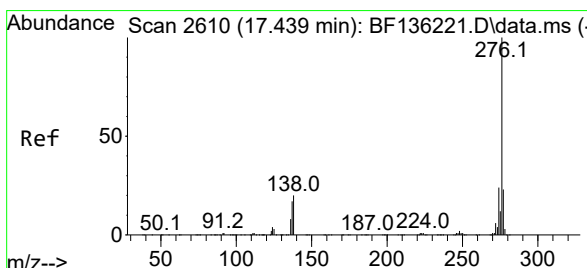
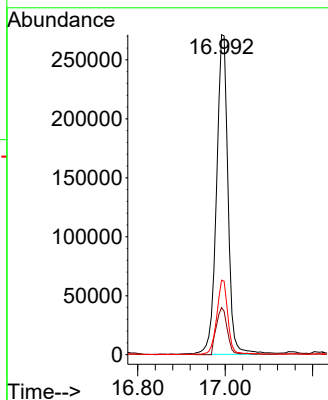
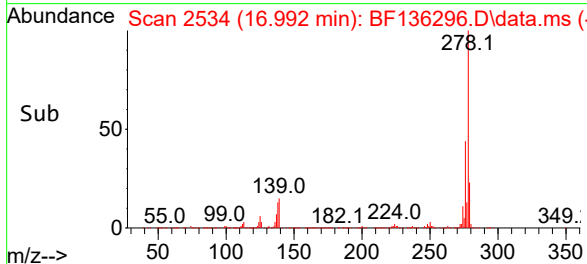
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



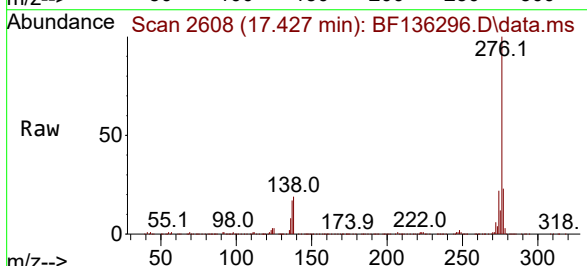
Tgt Ion:278 Resp: 495728
Ion Ratio Lower Upper
278 100
139 14.7 11.7 17.5
279 23.3 17.8 26.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 30.040 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.012 min
Lab File: BF136296.D
Acq: 29 Nov 2023 21:54



Tgt Ion:276 Resp: 462426
Ion Ratio Lower Upper
276 100
277 23.2 18.6 27.8
138 19.2 15.8 23.8

