

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136317.D
 Acq On : 30 Nov 2023 17:00
 Operator : CG\JU
 Sample : 05279-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 30 17:26:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	145182	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	598054	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	286789	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	459952	20.000	ng	0.00
76) Chrysene-d12	13.986	240	267369	20.000	ng	0.00
86) Perylene-d12	15.463	264	283584	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1158986	111.111	ng	0.02
7) Phenol-d6	6.451	99	1352419	103.694	ng	0.00
23) Nitrobenzene-d5	7.375	82	955966	84.468	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	431502	123.067	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1945756	86.660	ng	0.00
79) Terphenyl-d14	12.927	244	1634911	70.534	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.799	88	142745	36.168	ng	# 82
3) Pyridine	3.504	79	257022	26.381	ng	95
4) n-Nitrosodimethylamine	3.452	42	181105	36.774	ng	88
6) Aniline	6.475	93	196848	15.968	ng	98
8) 2-Chlorophenol	6.593	128	456594	40.202	ng	95
10) Phenol	6.463	94	481759	34.430	ng	94
11) bis(2-Chloroethyl)ether	6.551	93	420790	40.993	ng	96
12) 1,3-Dichlorobenzene	6.751	146	453109	35.155	ng	98
13) 1,4-Dichlorobenzene	6.828	146	473856	36.165	ng	98
14) 1,2-Dichlorobenzene	6.975	146	451827	36.425	ng	98
15) Benzyl Alcohol	6.951	79	358366	39.190	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.087	45	557464	39.098	ng	97
17) 2-Methylphenol	7.063	107	355526	39.817	ng	98
18) Hexachloroethane	7.316	117	160774	34.982	ng	91
19) n-Nitroso-di-n-propyla...	7.228	70	310751	39.837	ng	95
20) 3+4-Methylphenols	7.216	107	437530	37.703	ng	97
22) Acetophenone	7.216	105	657886	41.885	ng	96
24) Nitrobenzene	7.392	77	458864	40.009	ng	94
25) Isophorone	7.628	82	854232	41.860	ng	97
26) 2-Nitrophenol	7.704	139	229991	47.065	ng	92
27) 2,4-Dimethylphenol	7.739	122	340249	52.901	ng	96
28) bis(2-Chloroethoxy)met...	7.840	93	530482	42.976	ng	98
29) 2,4-Dichlorophenol	7.945	162	376034	43.345	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	418919	39.440	ng	97
31) Naphthalene	8.110	128	1362672	40.537	ng	98
32) Benzoic acid	7.869	122	234849	40.064	ng	96
33) 4-Chloroaniline	8.151	127	32658	2.858	ng	94
34) Hexachlorobutadiene	8.222	225	234105	37.674	ng	98
35) Caprolactam	8.528	113	95868m	39.529	ng	
36) 4-Chloro-3-methylphenol	8.645	107	391466	41.605	ng	96
37) 2-Methylnaphthalene	8.798	142	849865	40.304	ng	99
38) 1-Methylnaphthalene	8.898	142	823561	40.036	ng	95
40) 1,2,4,5-Tetrachloroben...	8.963	216	411403	45.075	ng	99
41) Hexachlorocyclopentadiene	8.951	237	352090	100.255	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	270497	45.660	ng	95
44) 2,4,5-Trichlorophenol	9.128	196	279563	43.243	ng	97

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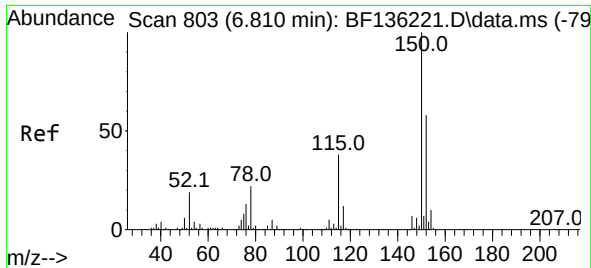
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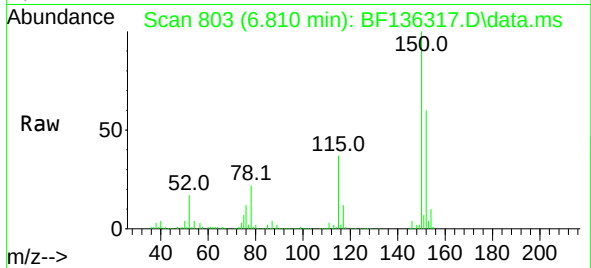
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.263	154	1138814	45.029	ng	97
47) 2-Chloronaphthalene	9.286	162	842309	42.887	ng	96
48) 2-Nitroaniline	9.386	65	224711	43.823	ng	91
49) Acenaphthylene	9.704	152	1301533	46.437	ng	99
50) Dimethylphthalate	9.575	163	998534	46.066	ng	100
51) 2,6-Dinitrotoluene	9.633	165	199109	44.963	ng	92
52) Acenaphthene	9.875	154	757801	42.784	ng	97
53) 3-Nitroaniline	9.792	138	51174	11.647	ng	99
54) 2,4-Dinitrophenol	9.910	184	175337	85.135	ng	# 85
55) Dibenzofuran	10.051	168	1140103	43.257	ng	98
56) 4-Nitrophenol	9.963	139	248051	74.330	ng	92
57) 2,4-Dinitrotoluene	10.039	165	255630	43.216	ng	98
58) Fluorene	10.392	166	863889	41.787	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	223859	43.520	ng	99
60) Diethylphthalate	10.275	149	939251	43.318	ng	98
61) 4-Chlorophenyl-phenyle...	10.386	204	418595	41.693	ng	96
62) 4-Nitroaniline	10.416	138	162698	37.829	ng	94
63) Azobenzene	10.545	77	818898	40.738	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	112698	44.806	ng	84
66) n-Nitrosodiphenylamine	10.510	169	737205	50.015	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	262155	48.854	ng	92
68) Hexachlorobenzene	10.939	284	283292	45.615	ng	# 93
69) Atrazine	11.039	200	147290	33.686	ng	96
70) Pentachlorophenol	11.139	266	294729	83.955	ng	97
71) Phenanthrene	11.357	178	1178794	45.599	ng	98
72) Anthracene	11.410	178	1184434	45.688	ng	99
73) Carbazole	11.569	167	910659	41.302	ng	99
74) Di-n-butylphthalate	11.904	149	1320966	47.882	ng	99
75) Fluoranthene	12.551	202	1006112	38.338	ng	96
77) Benzidine	12.674	184	67466	15.350	ng	98
78) Pyrene	12.780	202	1002061	34.222	ng	98
80) Butylbenzylphthalate	13.410	149	390880	42.892	ng	97
81) Benzo(a)anthracene	13.974	228	836775	42.135	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	134664	28.170	ng	97
83) Chrysene	14.016	228	845963	44.118	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	535107	48.927	ng	# 99
85) Di-n-octyl phthalate	14.592	149	1023806	56.601	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	703534	34.016	ng	99
88) Benzo(b)fluoranthene	15.033	252	943420	47.418	ng	99
89) Benzo(k)fluoranthene	15.068	252	809087	42.817	ng	98
90) Benzo(a)pyrene	15.404	252	745028	45.807	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	589790	35.421	ng	99
92) Benzo(g,h,i)perylene	17.433	276	505002	30.310	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

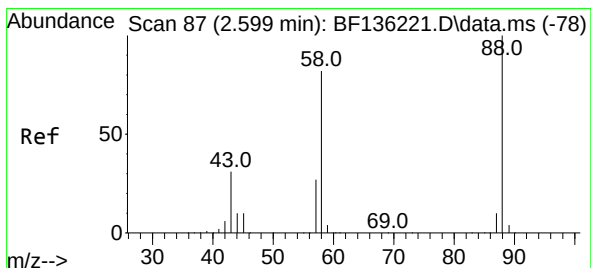
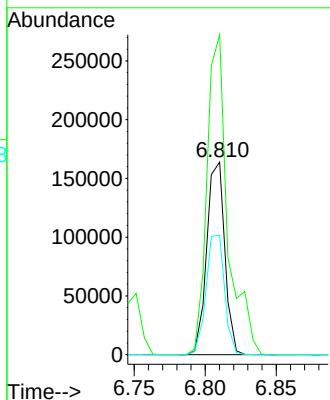
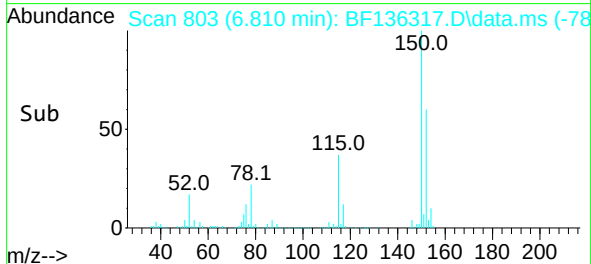
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



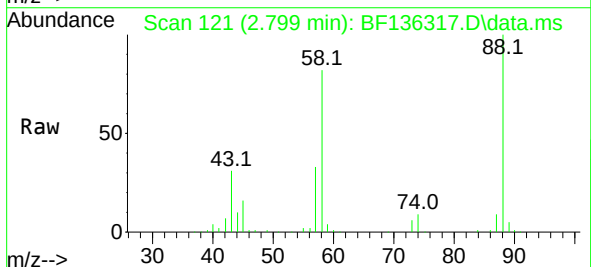
Tgt Ion: 152 Resp: 14518
Ion Ratio Lower Upper
152 100
150 166.1 137.8 206.8
115 62.0 52.7 79.1

Manual Integrations
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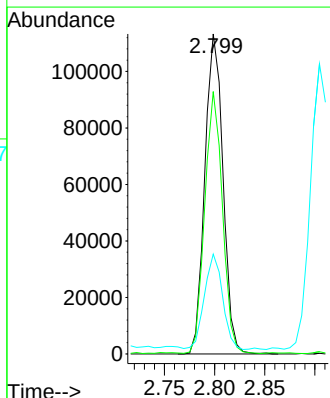
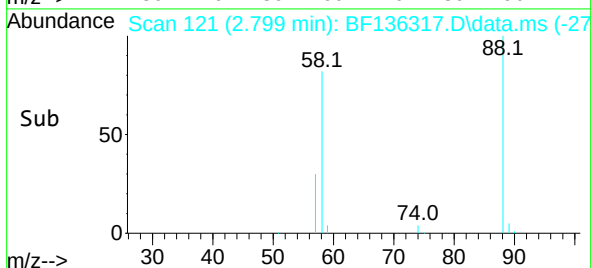
Reviewed By :Yogesh Patel 12/01/2023
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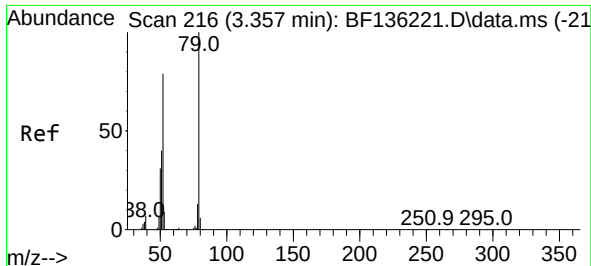


#2
1,4-Dioxane
Concen: 36.168 ng
RT: 2.799 min Scan# 121
Delta R.T. 0.200 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



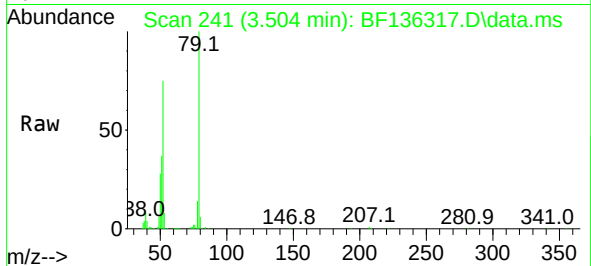
Tgt Ion: 88 Resp: 142745
Ion Ratio Lower Upper
88 100
58 79.6 65.9 98.9
43 0.0 24.8 37.2





#3
Pyridine
Concen: 26.381 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.147 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

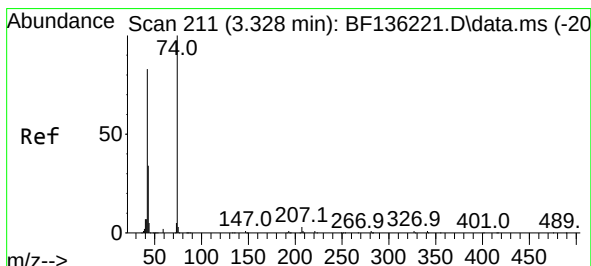
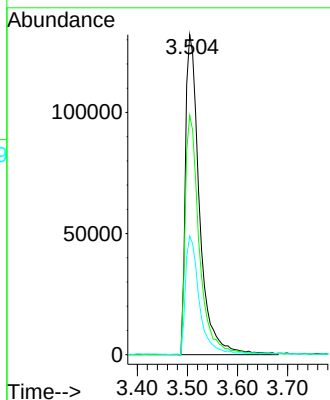
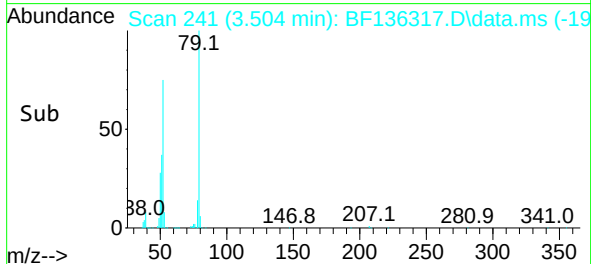
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



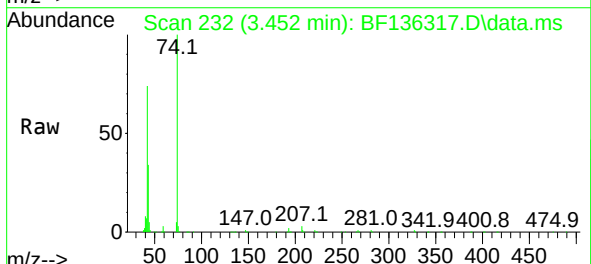
Tgt Ion: 79 Resp: 25702
Ion Ratio Lower Upper
79 100
52 74.8 63.2 94.8
51 37.0 32.6 49.0

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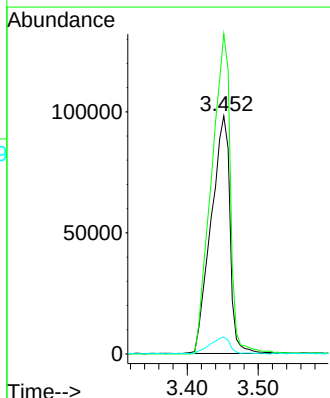
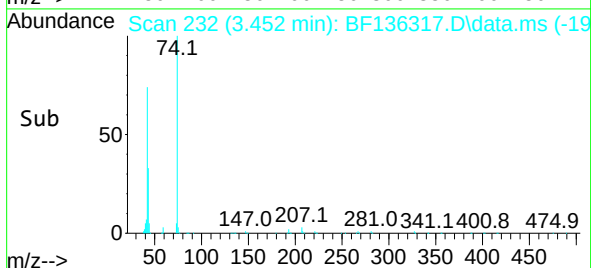
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

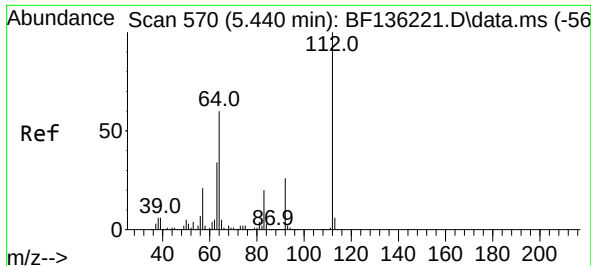


#4
n-Nitrosodimethylamine
Concen: 36.774 ng
RT: 3.452 min Scan# 232
Delta R.T. 0.124 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



Tgt Ion: 42 Resp: 181105
Ion Ratio Lower Upper
42 100
74 134.5 96.6 144.8
44 7.1 5.4 8.2





#5
2-Fluorophenol
Concen: 111.111 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Instrument :

BNA_F

ClientSampleId :

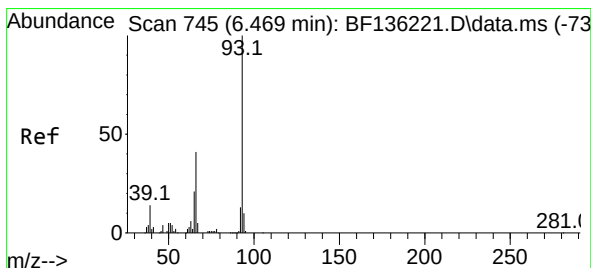
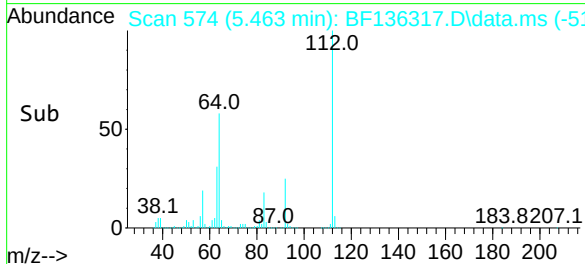
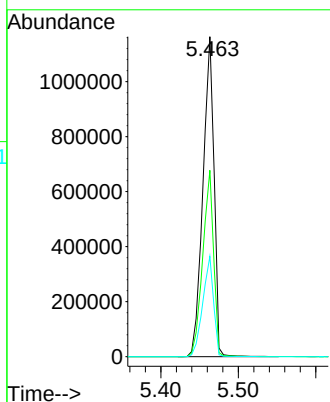
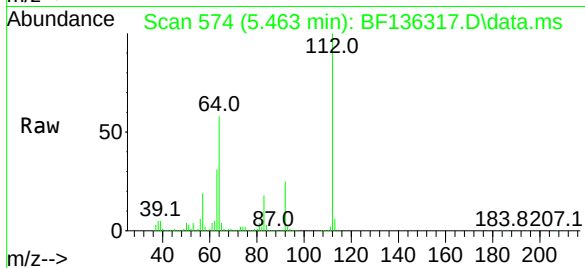
TP-1MSD

Tgt Ion:112 Resp: 115898
Ion Ratio Lower Upper
112 100
64 58.3 48.2 72.4
63 31.3 27.0 40.6

Manual Integrations

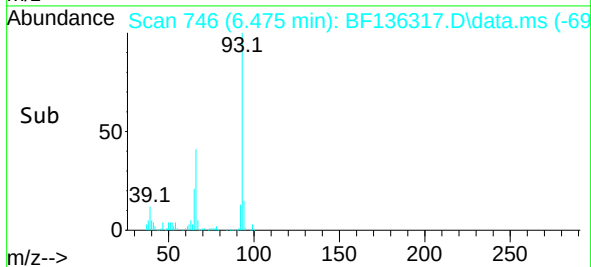
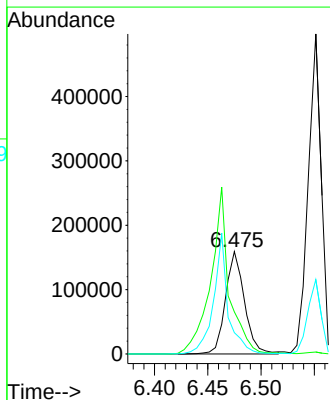
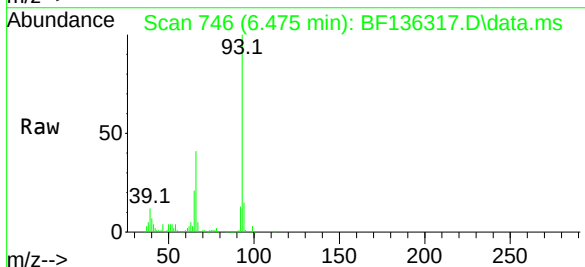
APPROVED

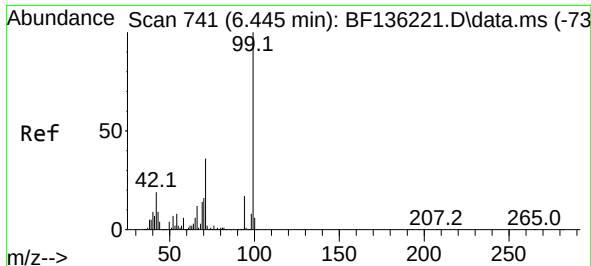
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#6
Aniline
Concen: 15.968 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

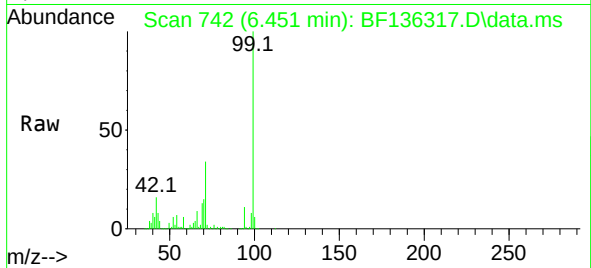
Tgt Ion: 93 Resp: 196848
Ion Ratio Lower Upper
93 100
66 41.1 34.1 51.1
65 20.9 17.3 25.9





#7
Phenol-d6
Concen: 103.694 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

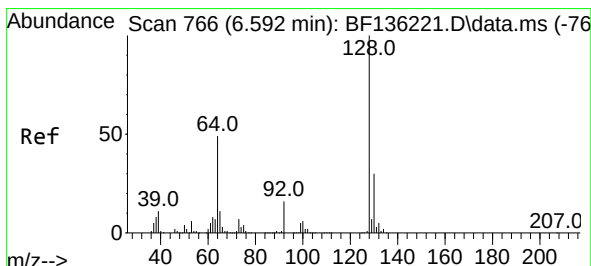
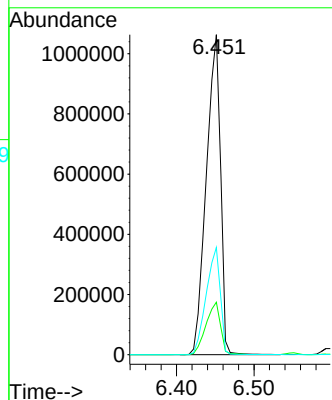
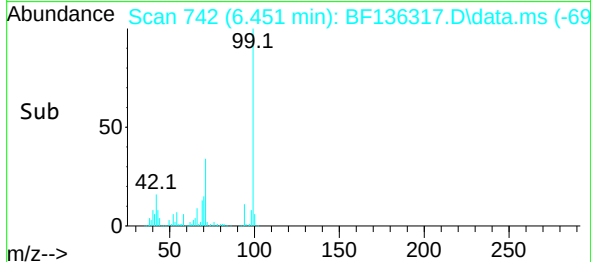
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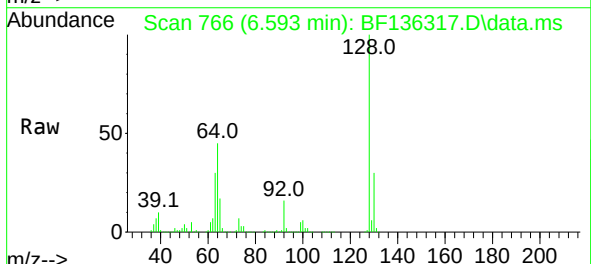
Tgt Ion: 99 Resp: 1352419
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.6
71 33.5 28.9 43.3

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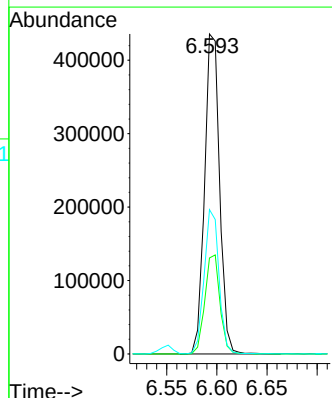
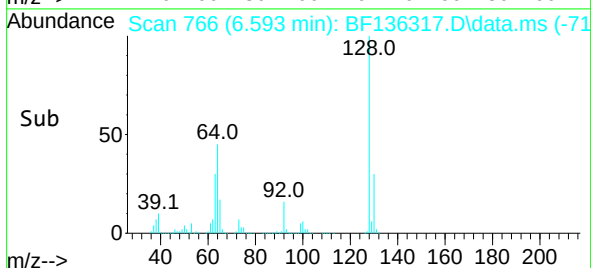
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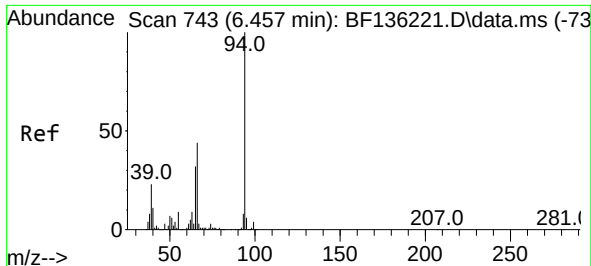


#8
2-Chlorophenol
Concen: 40.202 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



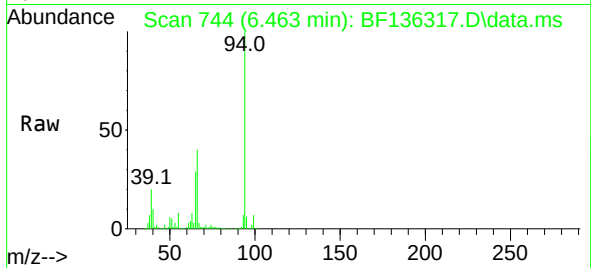
Tgt Ion:128 Resp: 456594
Ion Ratio Lower Upper
128 100
130 30.0 10.3 50.3
64 45.1 30.0 70.0





#10
Phenol
Concen: 34.430 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

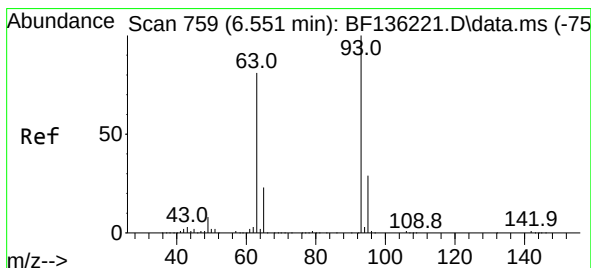
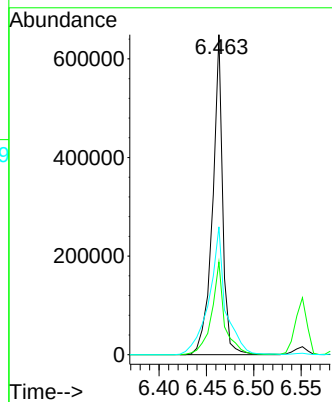
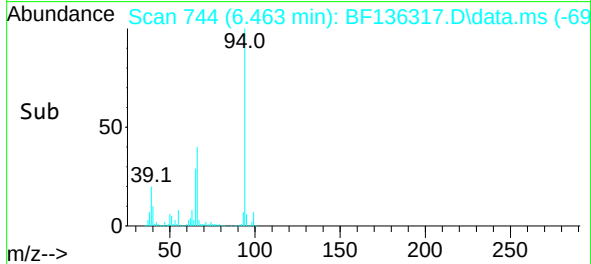
Instrument :
BNA_F
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Tgt Ion: 94 Resp: 481759
Ion Ratio Lower Upper
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65 29.0 12.5 52.5
66 40.0 24.1 64.1

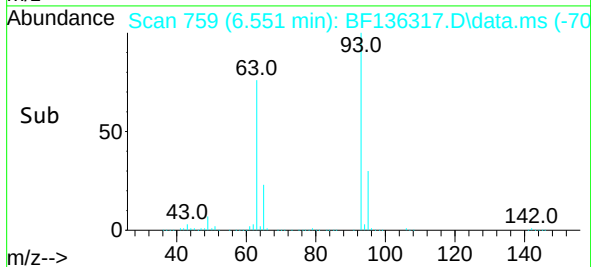
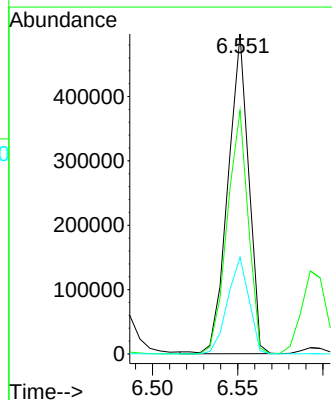
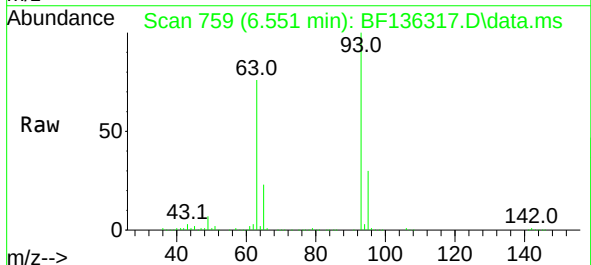
Manual Integrations
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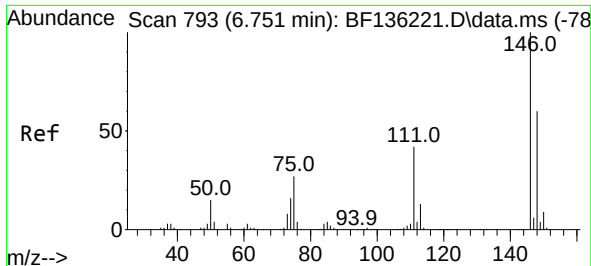
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#11
bis(2-Chloroethyl)ether
Concen: 40.993 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Tgt Ion: 93 Resp: 420790
Ion Ratio Lower Upper
93 100
63 76.1 60.2 100.2
95 30.2 9.1 49.1





#12

1,3-Dichlorobenzene

Concen: 35.155 ng

RT: 6.751 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF136317.D

Acq: 30 Nov 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:146 Resp: 453109

Ion Ratio Lower Upper

146 100

148 61.3 47.8 71.6

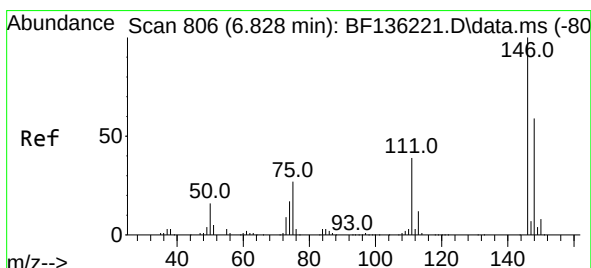
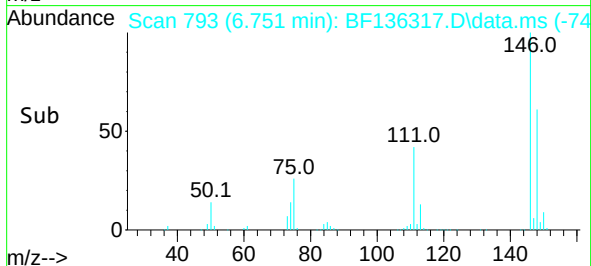
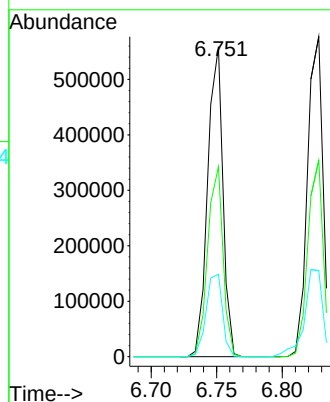
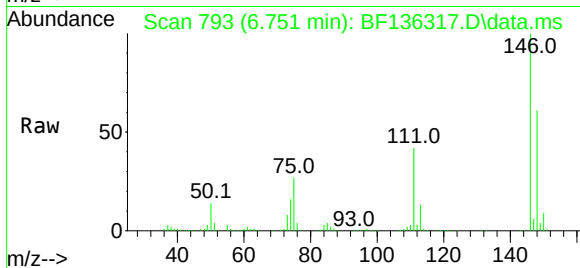
75 26.6 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#13

1,4-Dichlorobenzene

Concen: 36.165 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136317.D

Acq: 30 Nov 2023 17:00

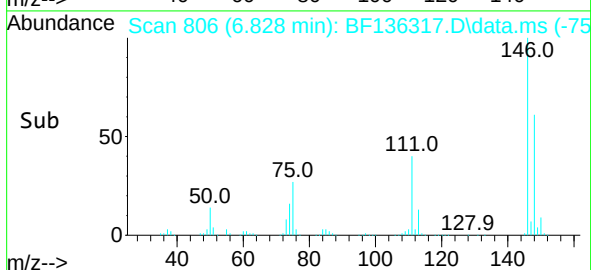
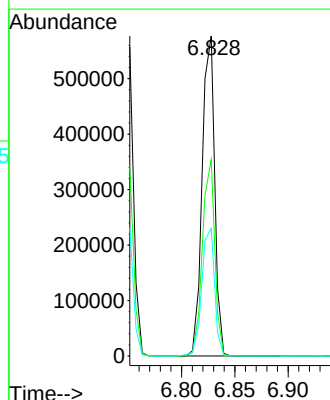
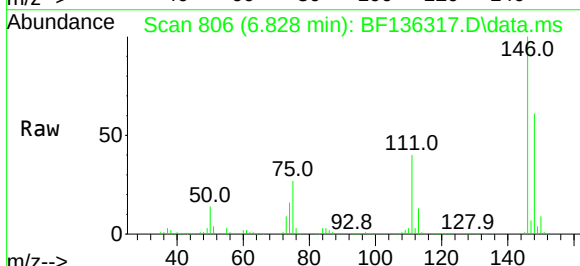
Tgt Ion:146 Resp: 473856

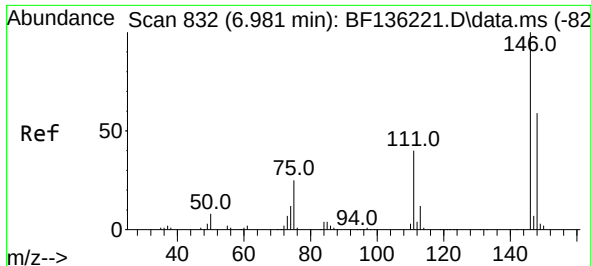
Ion Ratio Lower Upper

146 100

148 61.4 47.0 70.6

111 39.9 31.5 47.3





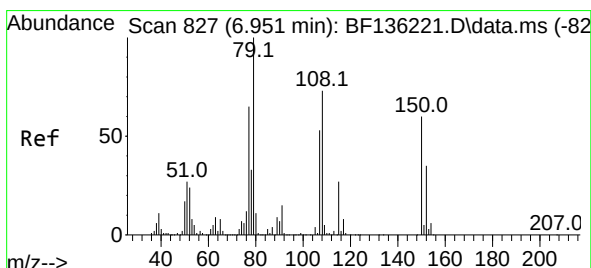
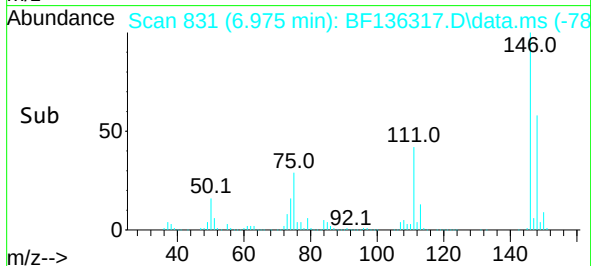
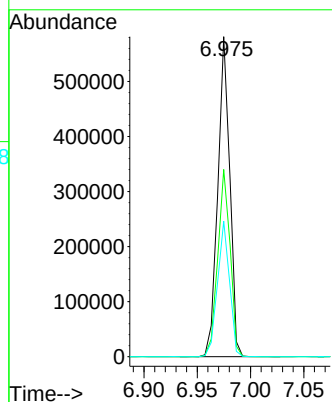
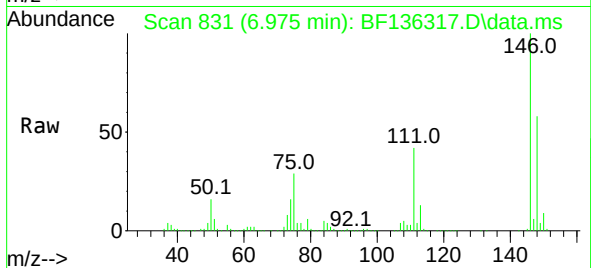
#14
1,2-Dichlorobenzene
Concen: 36.425 ng
RT: 6.975 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:146 Resp: 451827
Ion Ratio Lower Upper
146 100
148 58.5 47.3 70.9
111 42.3 32.4 48.6

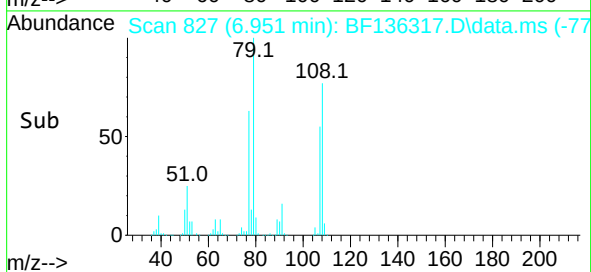
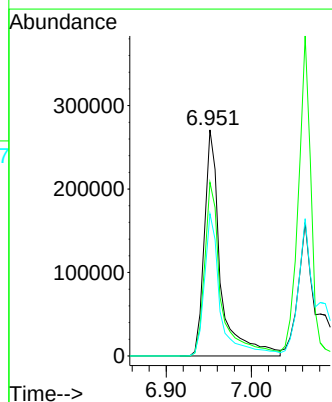
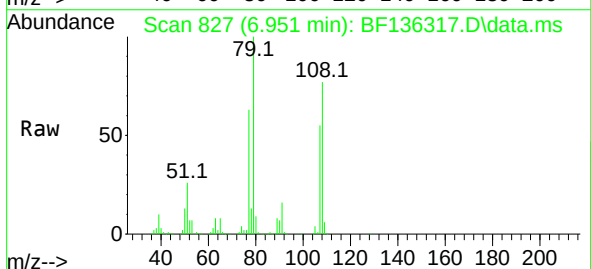
Manual Integrations
APPROVED

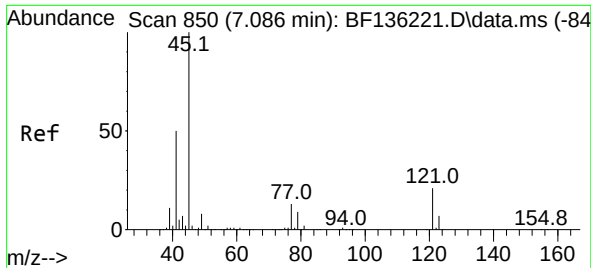
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#15
Benzyl Alcohol
Concen: 39.190 ng
RT: 6.951 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

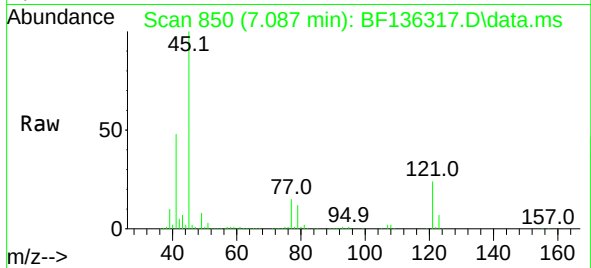
Tgt Ion: 79 Resp: 358366
Ion Ratio Lower Upper
79 100
108 76.7 58.1 87.1
77 62.9 51.8 77.8





#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.098 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

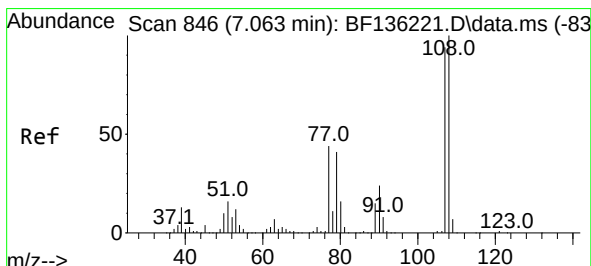
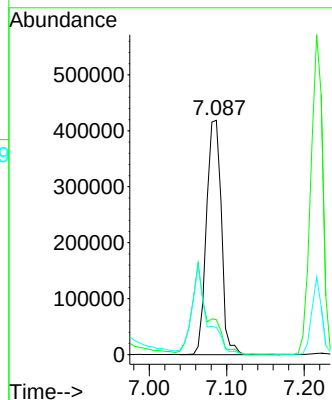
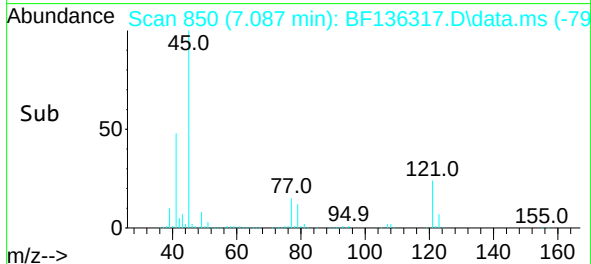
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



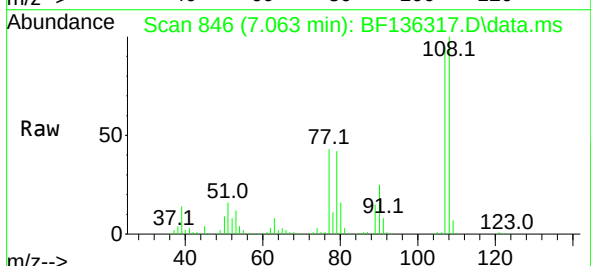
Tgt Ion: 45 Resp: 557464
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.0
79 11.7 0.0 30.1

Manual Integrations
APPROVED

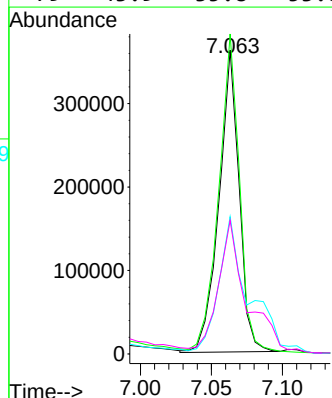
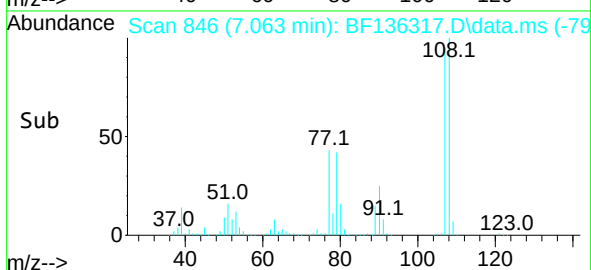
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

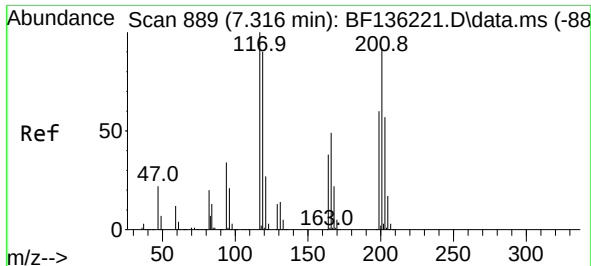


#17
2-Methylphenol
Concen: 39.817 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



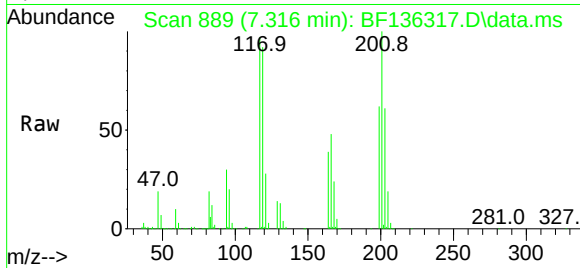
Tgt Ion:107 Resp: 355526
Ion Ratio Lower Upper
107 100
108 105.3 85.4 128.0
77 45.1 37.4 56.2
79 43.9 35.8 53.8





#18
Hexachloroethane
Concen: 34.982 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

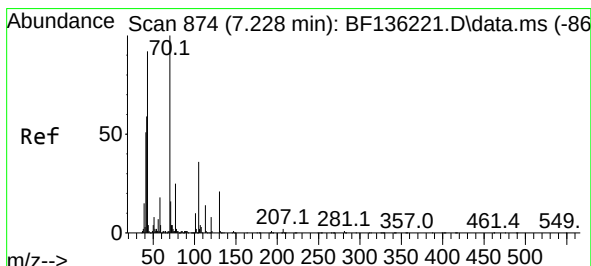
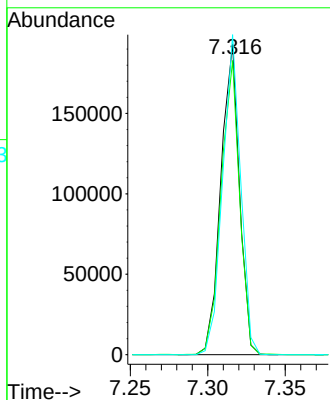
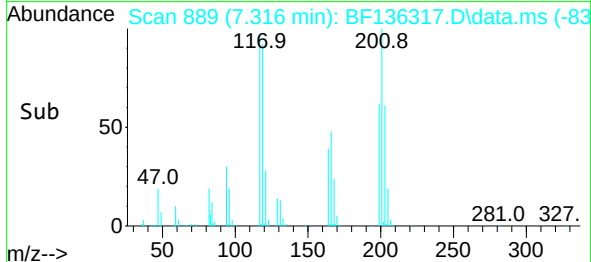
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



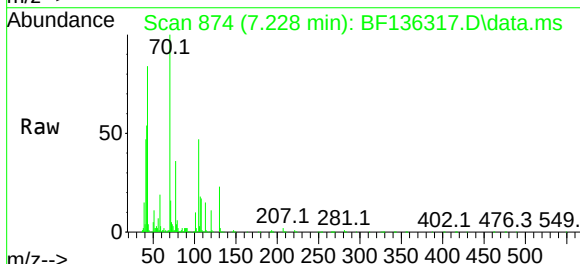
Tgt Ion:117 Resp: 160774
Ion Ratio Lower Upper
117 100
119 94.6 71.6 107.4
201 103.0 73.4 110.2

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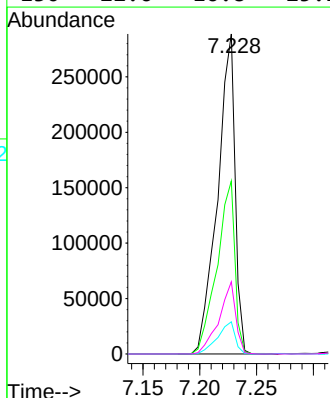
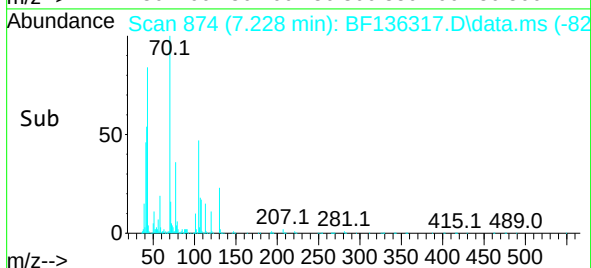
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

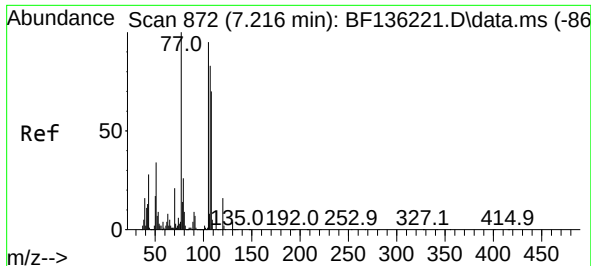


#19
n-Nitroso-di-n-propylamine
Concen: 39.837 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



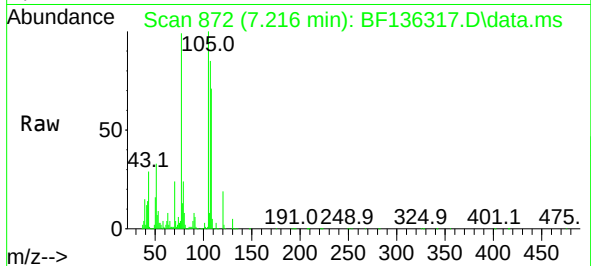
Tgt Ion: 70 Resp: 310751
Ion Ratio Lower Upper
70 100
42 54.1 47.0 70.4
101 10.0 7.8 11.8
130 22.6 16.8 25.2





#20
3+4-Methylphenols
Concen: 37.703 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

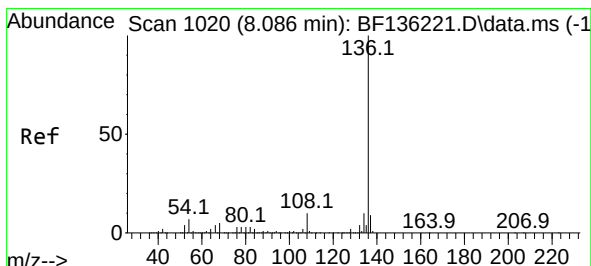
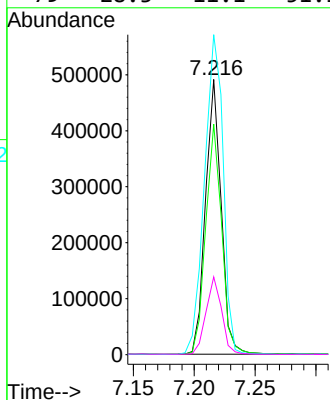
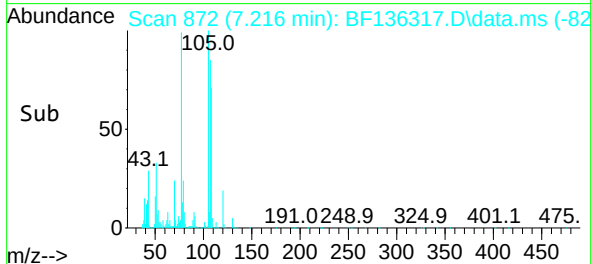


Tgt Ion:107 Resp: 437530

Ion	Ratio	Lower	Upper
107	100		
108	83.8	63.9	103.9
77	116.3	100.2	140.2
79	28.3	11.1	51.1

Manual Integrations
APPROVED

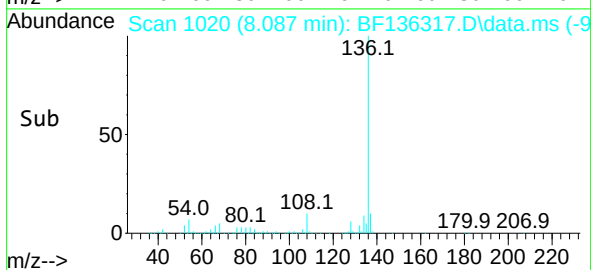
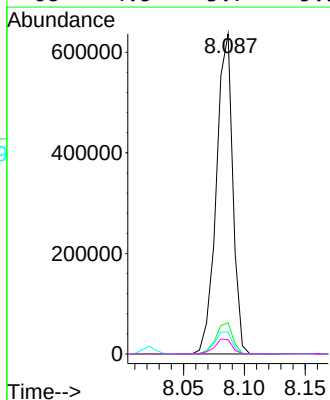
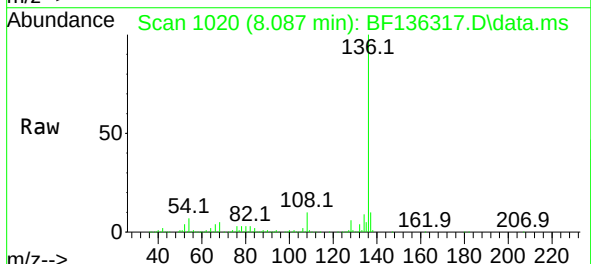
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

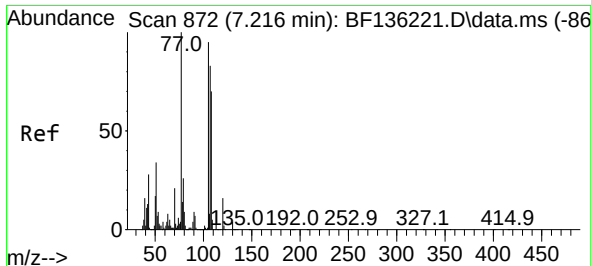


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Tgt Ion:136 Resp: 598054

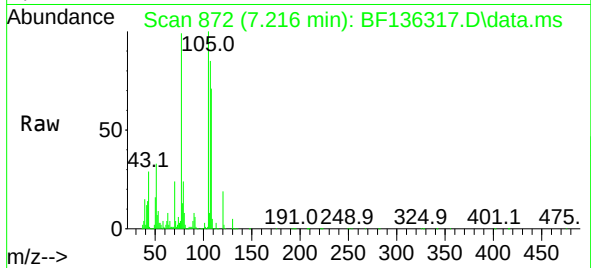
Ion	Ratio	Lower	Upper
136	100		
137	9.7	7.4	11.2
54	6.8	5.5	8.3
68	4.5	3.7	5.5





#22
Acetophenone
Concen: 41.885 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

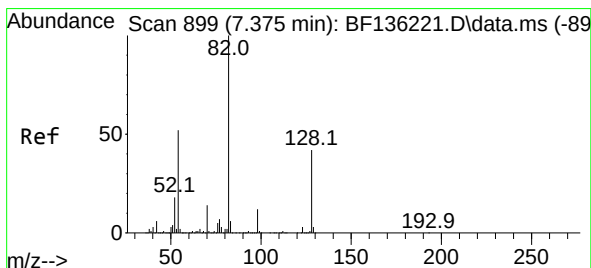
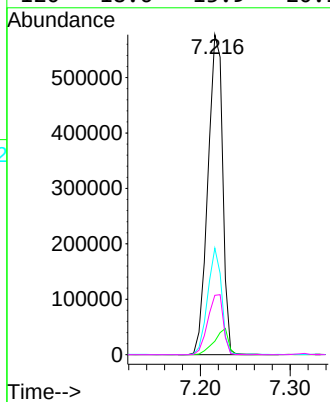
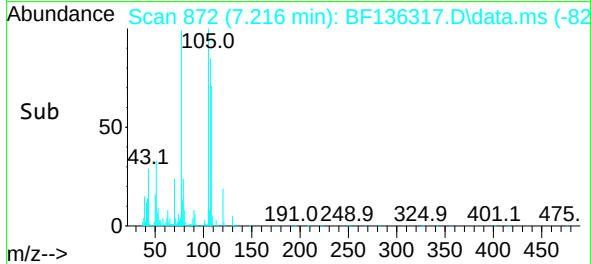
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion: 105 Resp: 65788
Ion Ratio Lower Upper
105 100
71 4.2 2.8 4.2
51 33.3 29.0 43.6
120 18.6 13.9 20.9

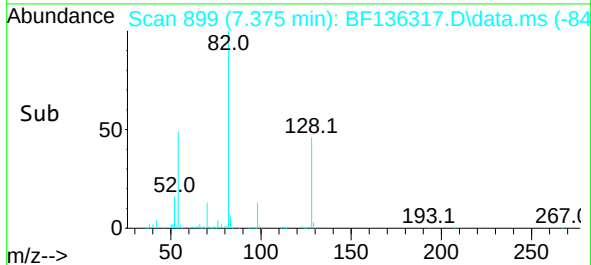
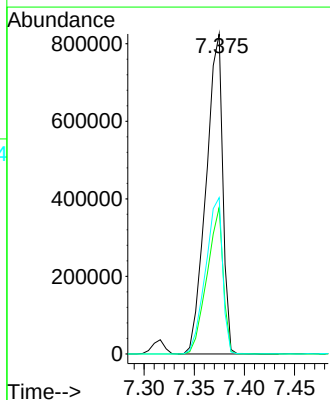
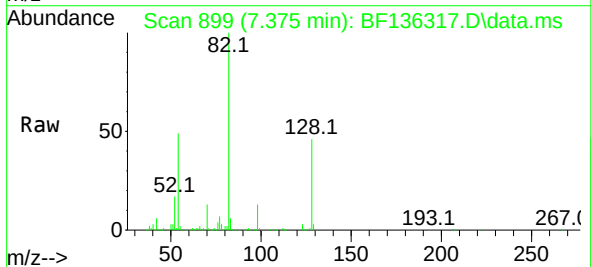
Manual Integrations
APPROVED

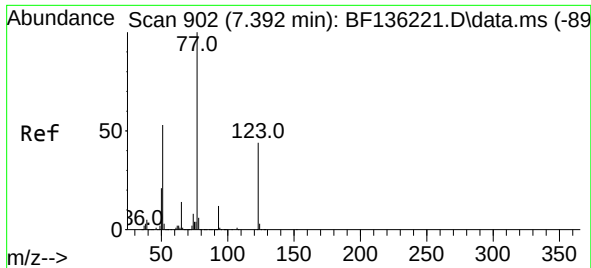
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#23
Nitrobenzene-d5
Concen: 84.468 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

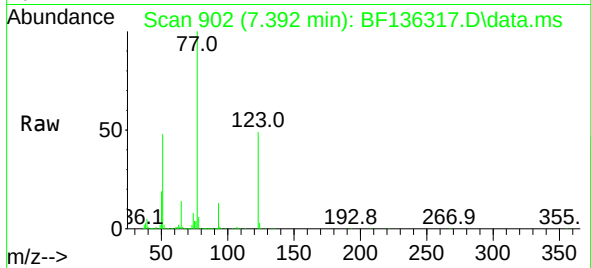
Tgt Ion: 82 Resp: 955966
Ion Ratio Lower Upper
82 100
128 45.8 33.4 50.2
54 48.9 41.7 62.5





#24
Nitrobenzene
Concen: 40.009 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

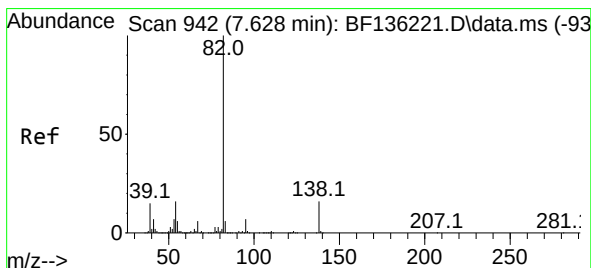
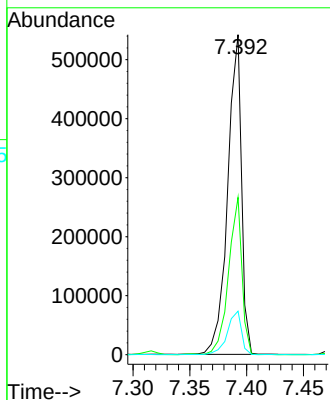
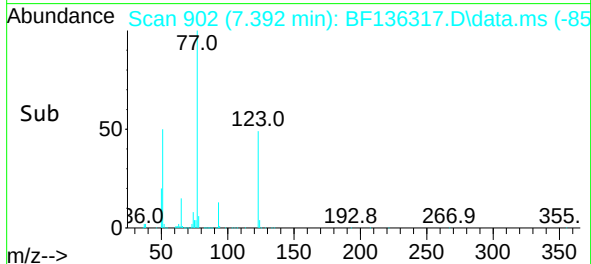
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



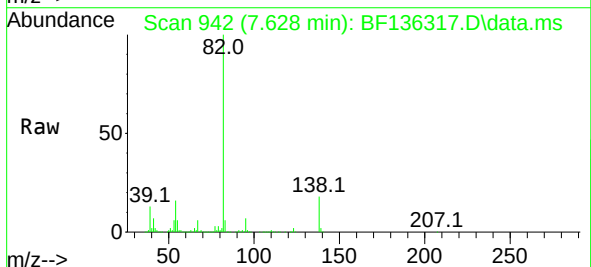
Tgt Ion: 77 Resp: 458864
Ion Ratio Lower Upper
77 100
123 49.2 35.4 53.2
65 13.6 11.0 16.6

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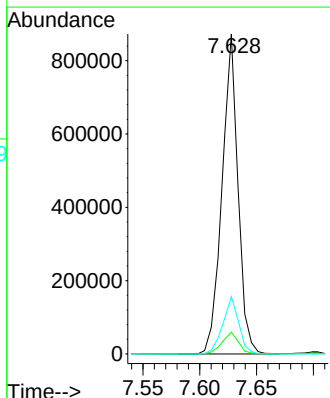
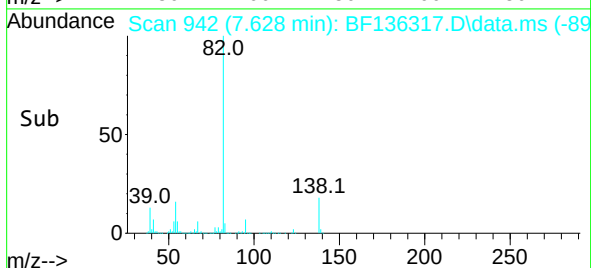
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

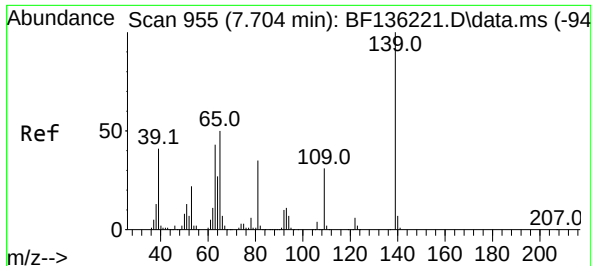


#25
Isophorone
Concen: 41.860 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



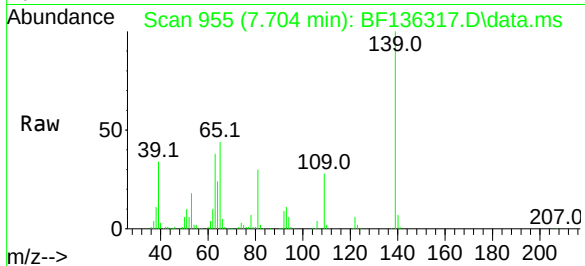
Tgt Ion: 82 Resp: 854232
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.9 12.8 19.2





#26
2-Nitrophenol
Concen: 47.065 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

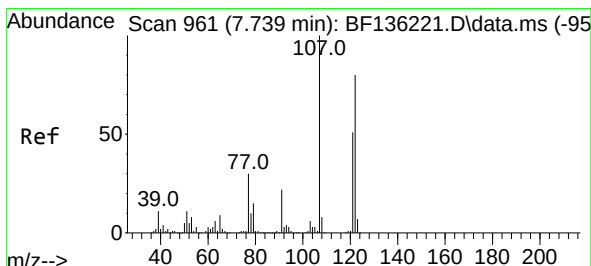
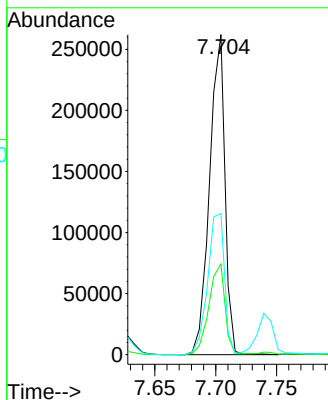
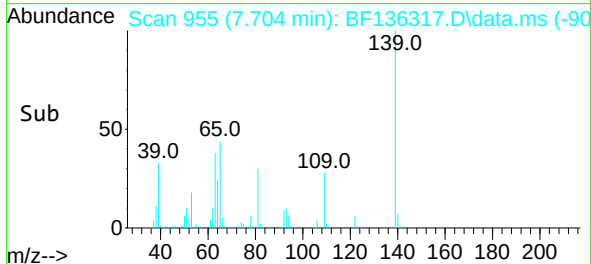
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



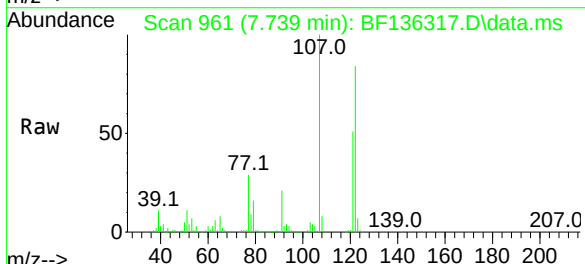
Tgt Ion:139 Resp: 22999
Ion Ratio Lower Upper
139 100
109 28.4 25.0 37.6
65 44.2 40.4 60.6

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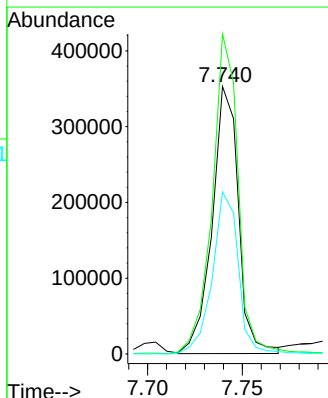
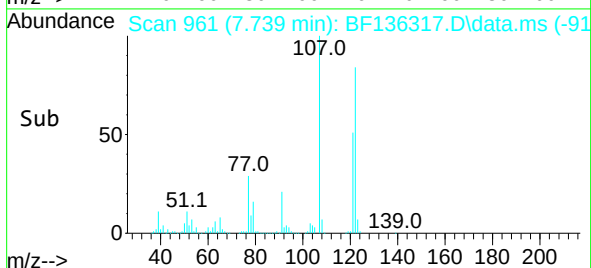
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

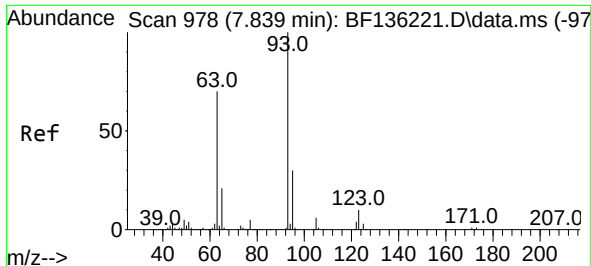


#27
2,4-Dimethylphenol
Concen: 52.901 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



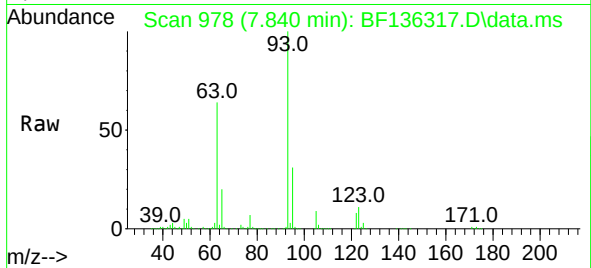
Tgt Ion:122 Resp: 340249
Ion Ratio Lower Upper
122 100
107 119.6 100.0 150.0
121 60.6 50.7 76.1





#28
bis(2-Chloroethoxy)methane
Concen: 42.976 ng
RT: 7.840 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

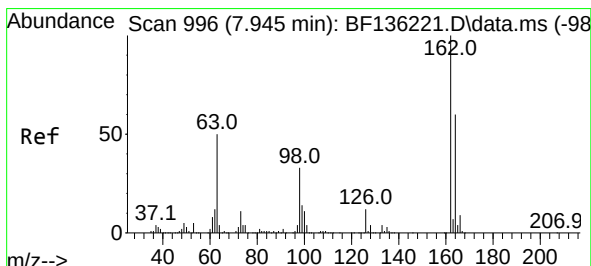
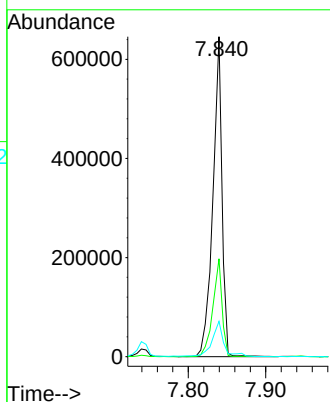
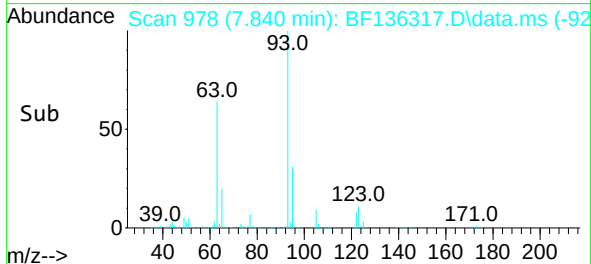
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



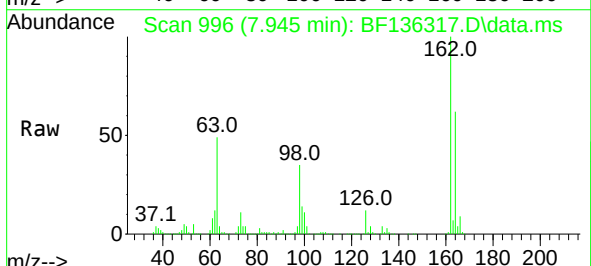
Tgt Ion: 93 Resp: 53048
Ion Ratio Lower Upper
93 100
95 30.6 23.8 35.6
123 11.0 8.2 12.4

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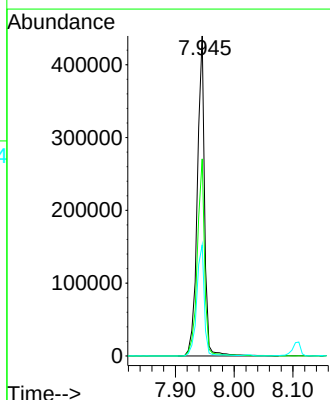
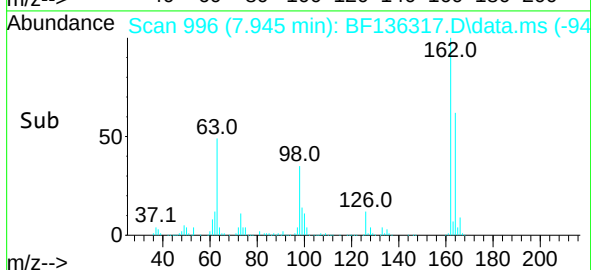
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

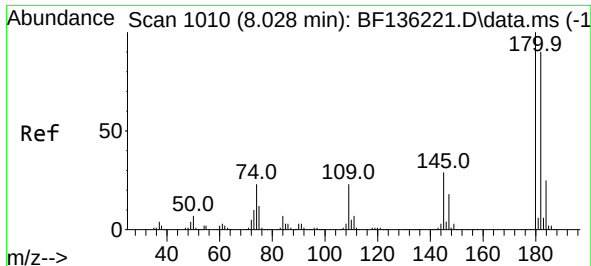


#29
2,4-Dichlorophenol
Concen: 43.345 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



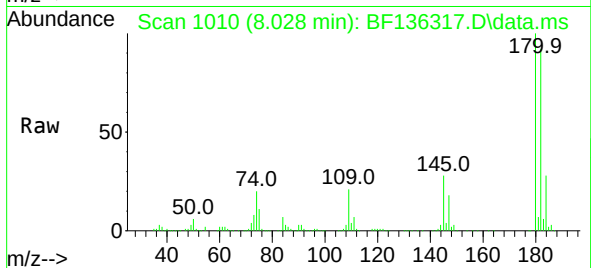
Tgt Ion:162 Resp: 376034
Ion Ratio Lower Upper
162 100
164 61.6 40.3 80.3
98 34.7 13.0 53.0





#30
1,2,4-Trichlorobenzene
Concen: 39.440 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

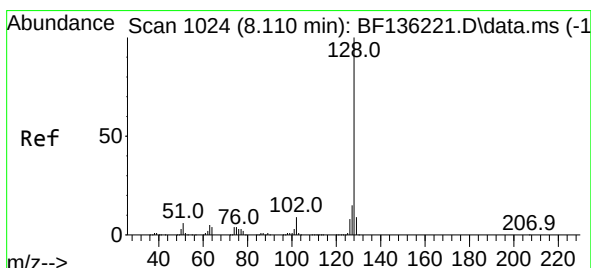
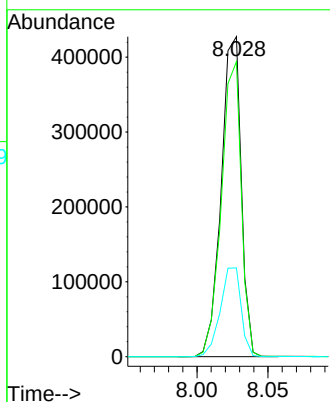
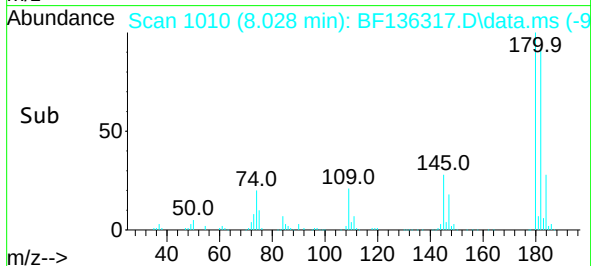
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



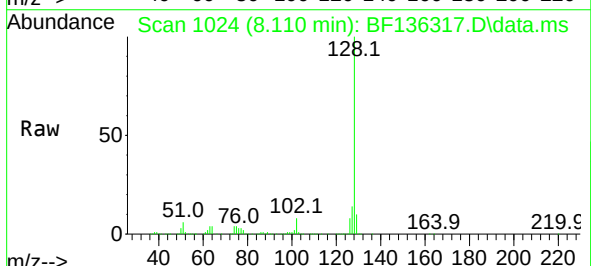
Tgt Ion:180 Resp: 418919
Ion Ratio Lower Upper
180 100
182 92.2 71.6 107.4
145 27.8 23.0 34.4

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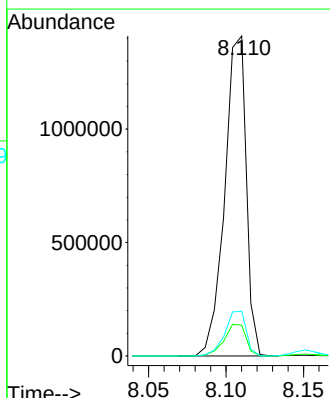
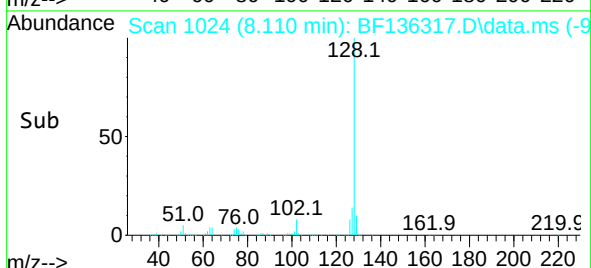
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

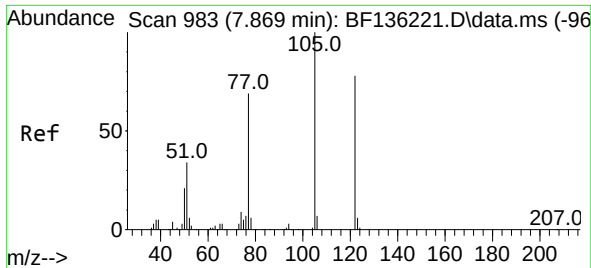


#31
Naphthalene
Concen: 40.537 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



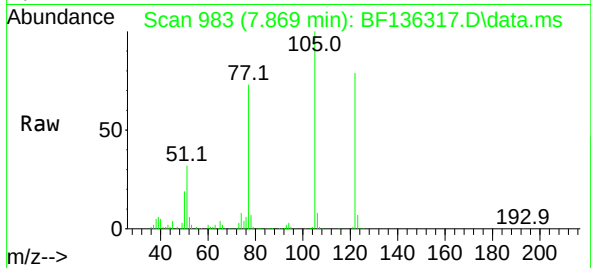
Tgt Ion:128 Resp: 1362672
Ion Ratio Lower Upper
128 100
129 9.6 7.3 10.9
127 14.0 11.8 17.6





#32
Benzoic acid
Concen: 40.064 ng
RT: 7.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

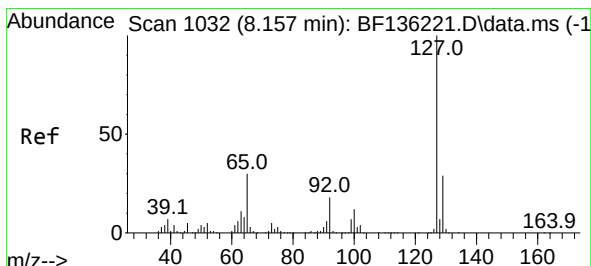
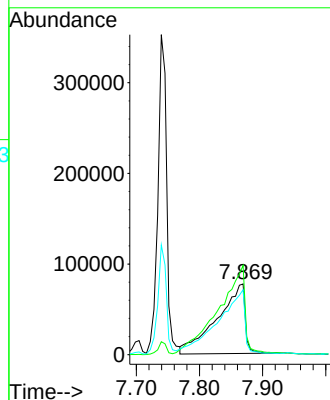
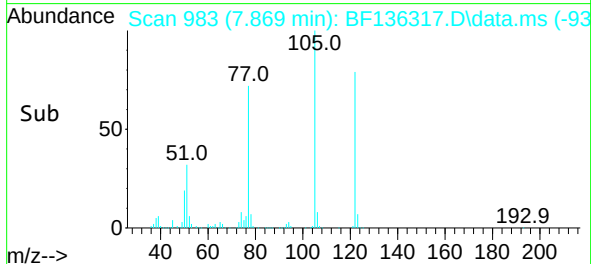
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



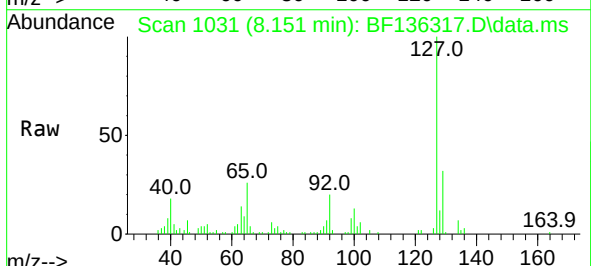
Tgt Ion:122 Resp: 234849
Ion Ratio Lower Upper
122 100
105 126.2 103.7 143.7
77 91.8 66.8 106.8

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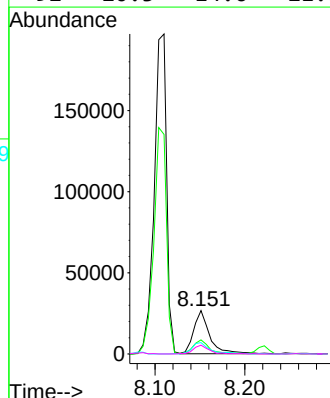
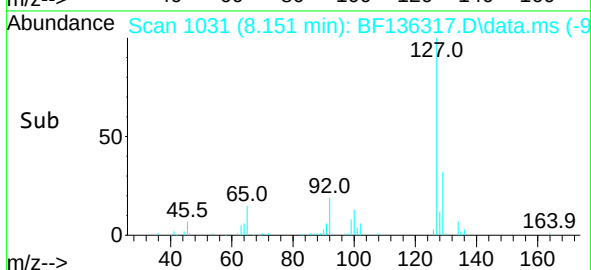
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

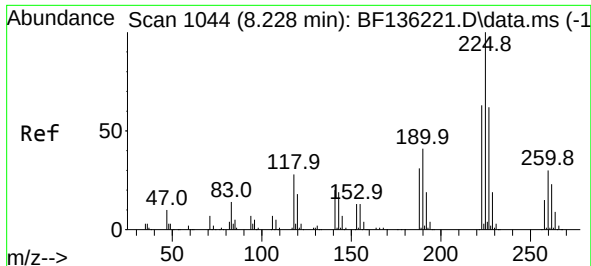


#33
4-Chloroaniline
Concen: 2.858 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



Tgt Ion:127 Resp: 32658
Ion Ratio Lower Upper
127 100
129 32.3 23.4 35.2
65 26.1 23.8 35.6
92 20.3 14.6 21.8





#34
Hexachlorobutadiene
Concen: 37.674 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Instrument :

BNA_F

ClientSampleId :

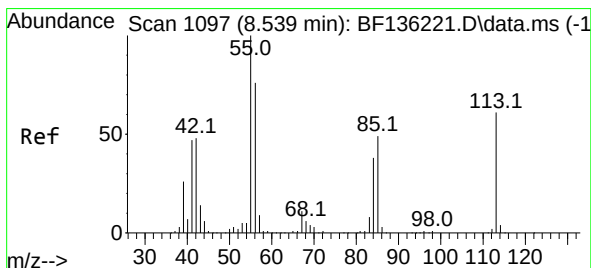
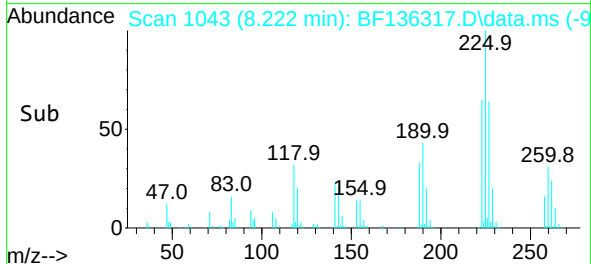
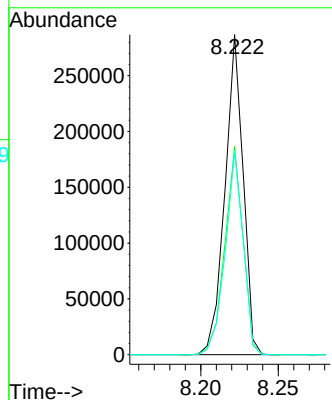
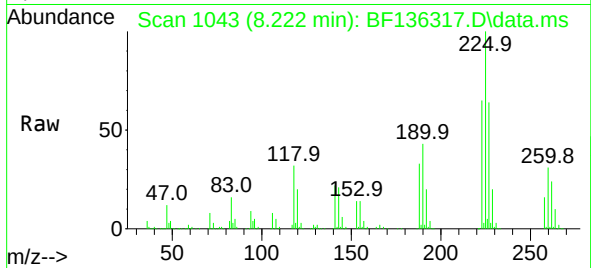
TP-1MSD

Tgt Ion:225 Resp: 23410
Ion Ratio Lower Upper
225 100
223 65.0 50.6 75.8
227 63.7 49.6 74.4

Manual Integrations

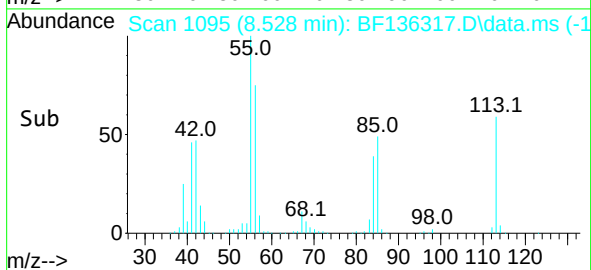
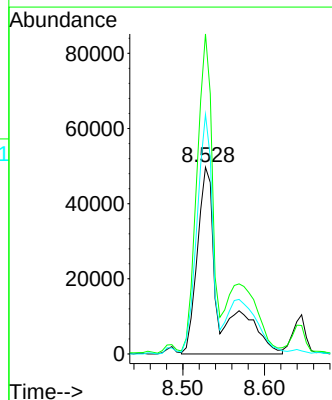
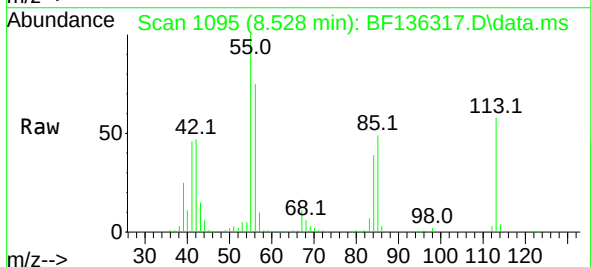
APPROVED

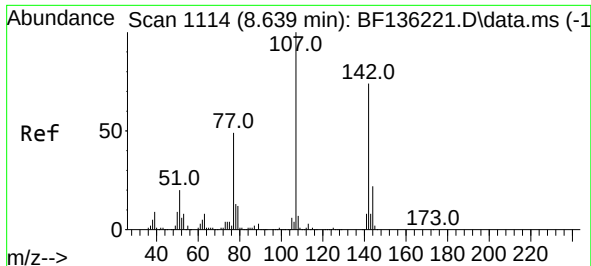
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#35
Caprolactam
Concen: 39.529 ng m
RT: 8.528 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

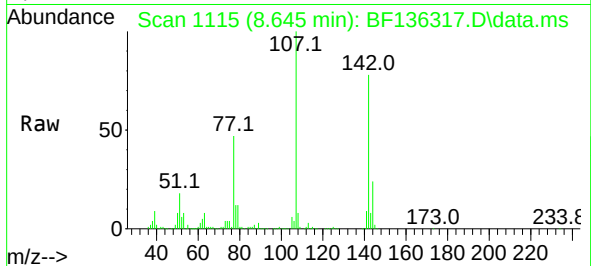
Tgt Ion:113 Resp: 95868
Ion Ratio Lower Upper
113 100
55 171.4 143.1 183.1
56 128.3 103.6 143.6





#36
4-Chloro-3-methylphenol
Concen: 41.605 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

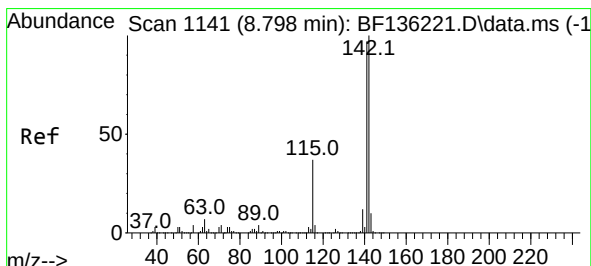
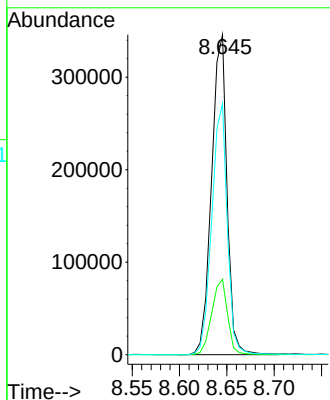
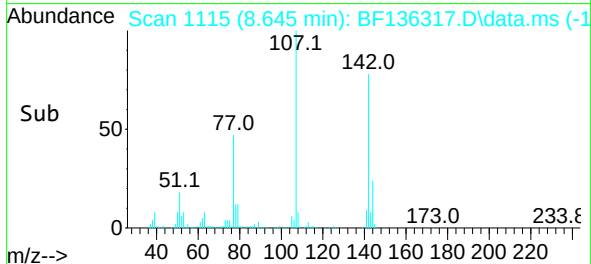
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:107 Resp: 391460
Ion Ratio Lower Upper
107 100
144 23.6 17.8 26.8
142 78.4 59.4 89.0

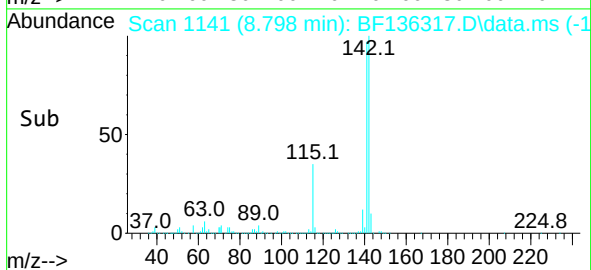
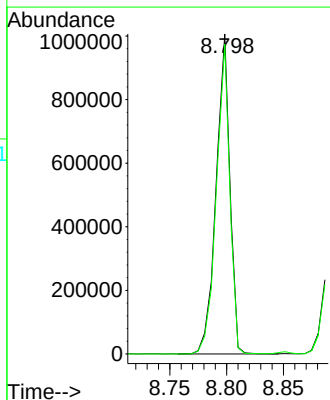
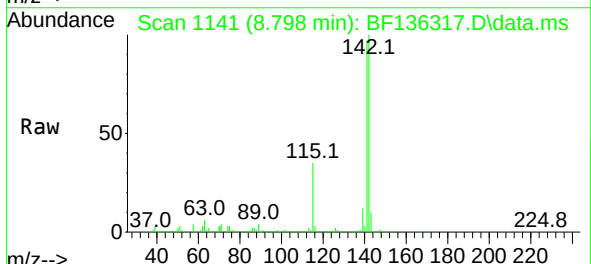
Manual Integrations
APPROVED

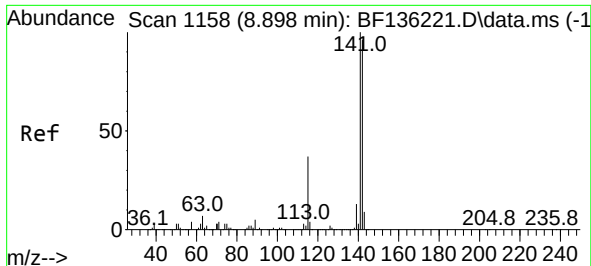
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#37
2-Methylnaphthalene
Concen: 40.304 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Tgt Ion:142 Resp: 849865
Ion Ratio Lower Upper
142 100
141 96.8 77.8 116.8





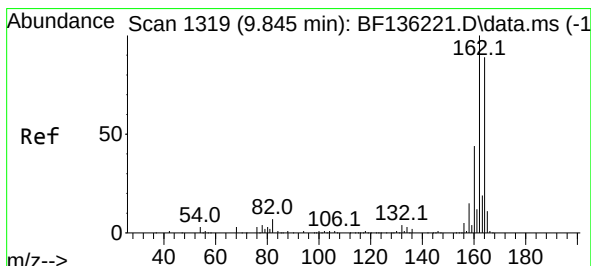
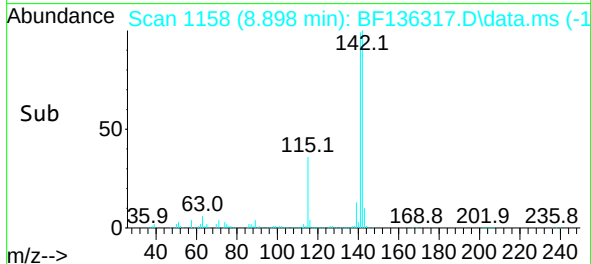
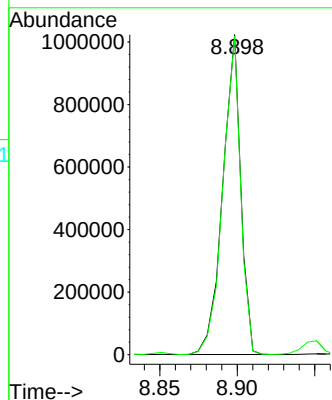
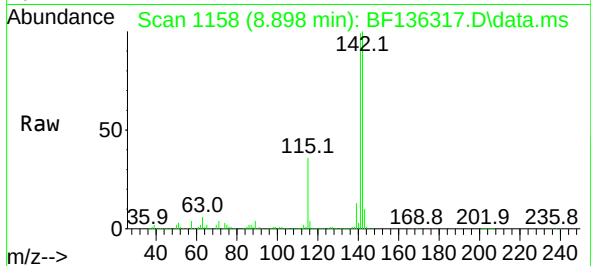
#38
1-Methylnaphthalene
Concen: 40.036 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:142 Resp: 82356
Ion Ratio Lower Upper
142 100
141 99.5 83.8 125.6

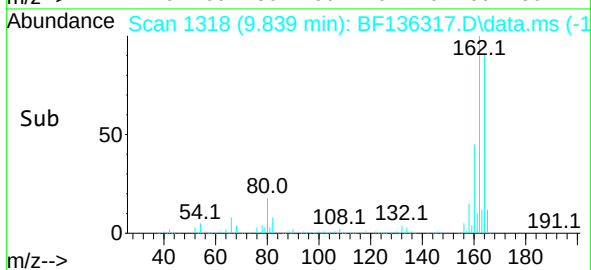
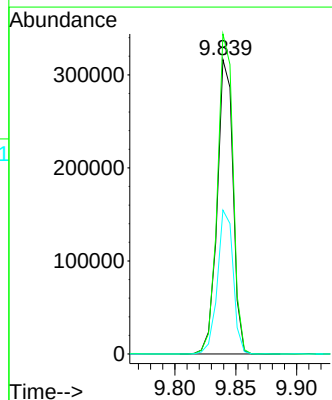
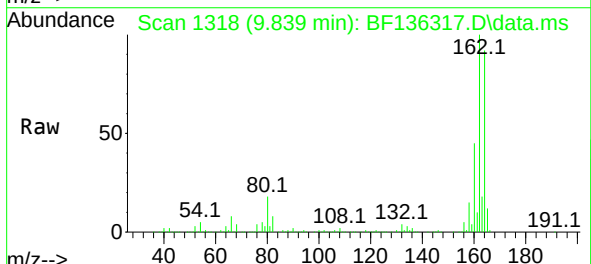
Manual Integrations
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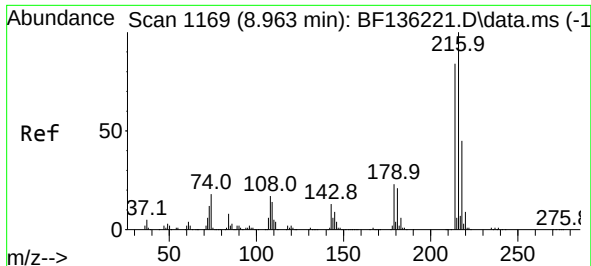
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

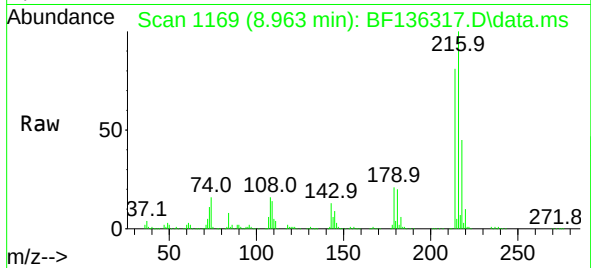
Tgt Ion:164 Resp: 286789
Ion Ratio Lower Upper
164 100
162 108.7 89.5 134.3
160 48.9 39.6 59.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.075 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

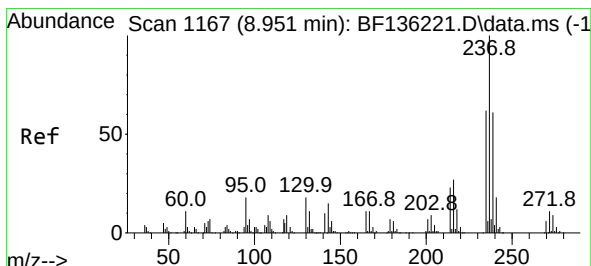
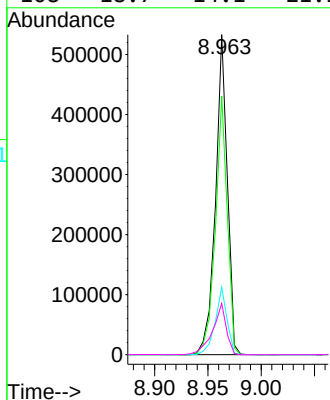
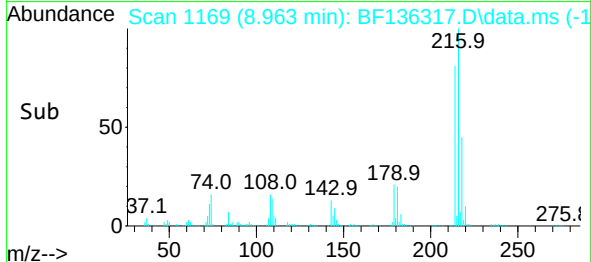
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



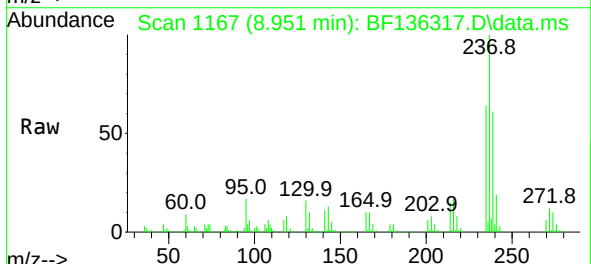
Tgt Ion:216 Resp: 411400
Ion Ratio Lower Upper
216 100
214 81.2 65.8 98.8
179 21.0 17.4 26.0
108 18.7 14.1 21.1

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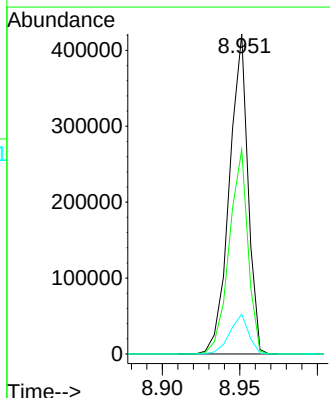
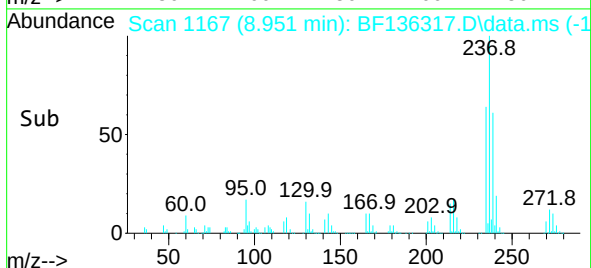
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

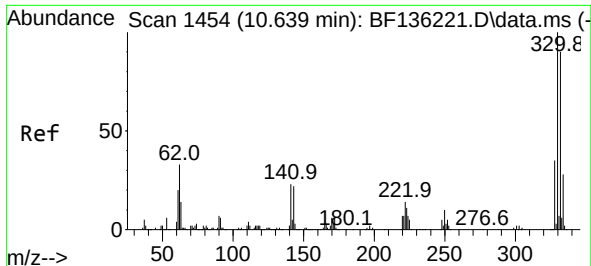


#41
Hexachlorocyclopentadiene
Concen: 100.255 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



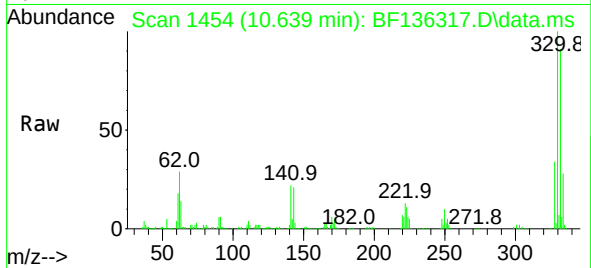
Tgt Ion:237 Resp: 352090
Ion Ratio Lower Upper
237 100
235 63.9 42.1 82.1
272 12.4 0.0 31.0





#42
2,4,6-Tribromophenol
Concen: 123.067 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

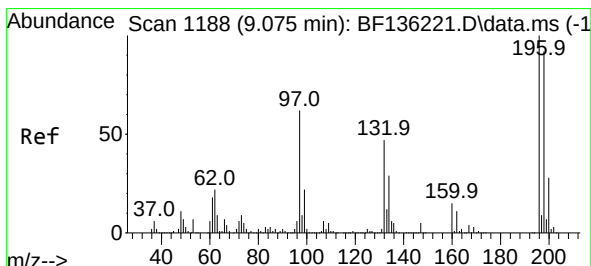
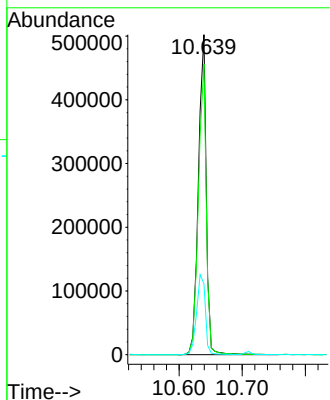
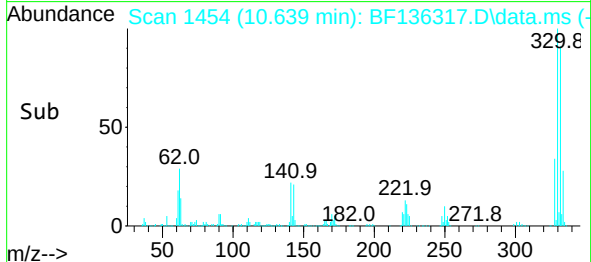
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



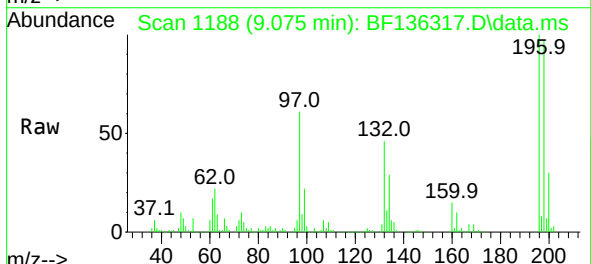
Tgt Ion:330 Resp: 431502
Ion Ratio Lower Upper
330 100
332 91.4 73.0 109.6
141 27.9 24.2 36.2

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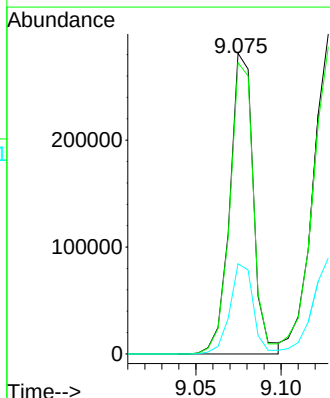
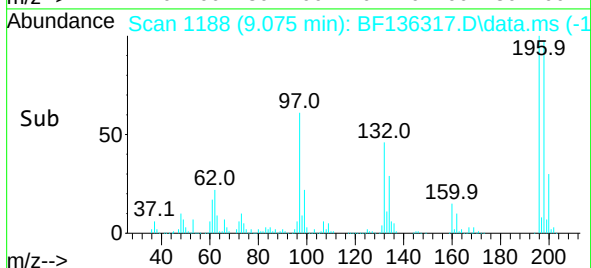
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

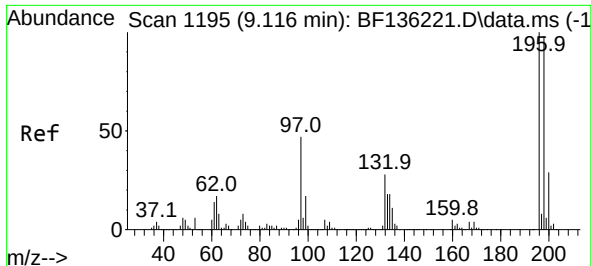


#43
2,4,6-Trichlorophenol
Concen: 45.660 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



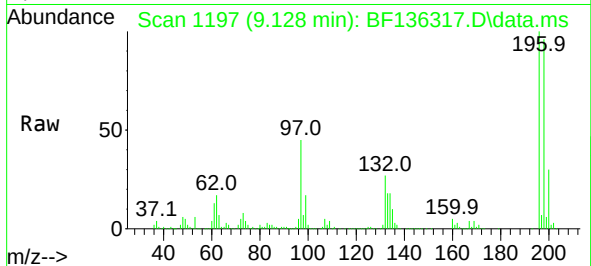
Tgt Ion:196 Resp: 270497
Ion Ratio Lower Upper
196 100
198 96.9 73.2 109.8
200 30.0 22.4 33.6





#44
2,4,5-Trichlorophenol
Concen: 43.243 ng
RT: 9.128 min Scan# 1195
Delta R.T. 0.012 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

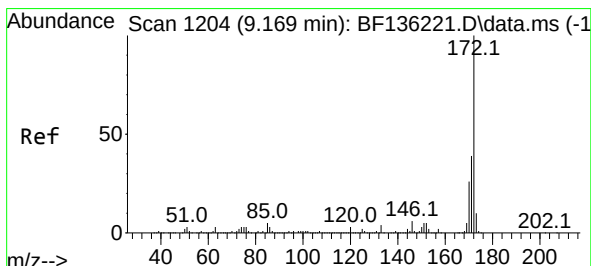
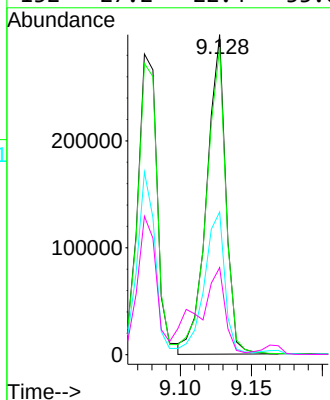
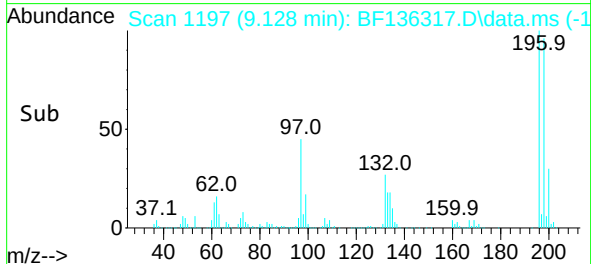
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



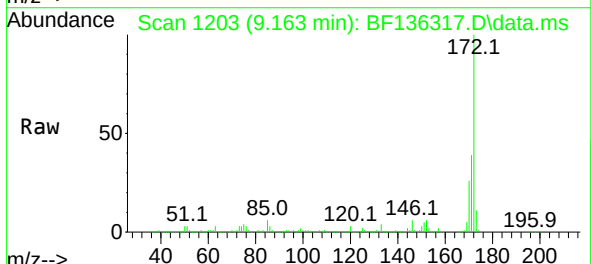
Tgt Ion:196 Resp: 27956
Ion Ratio Lower Upper
196 100
198 96.0 78.8 118.2
97 44.6 37.8 56.8
132 27.2 22.4 33.6

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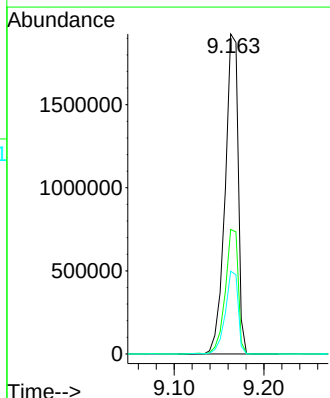
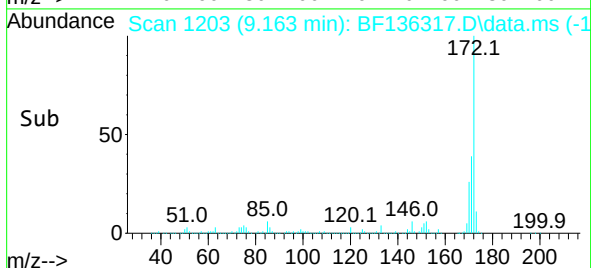
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

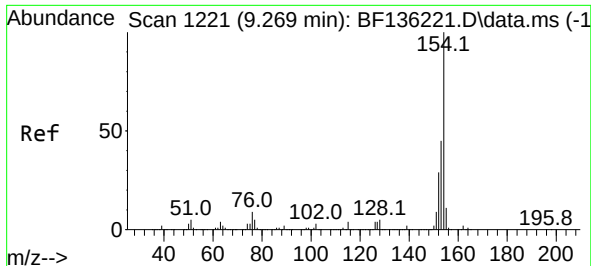


#45
2-Fluorobiphenyl
Concen: 86.660 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



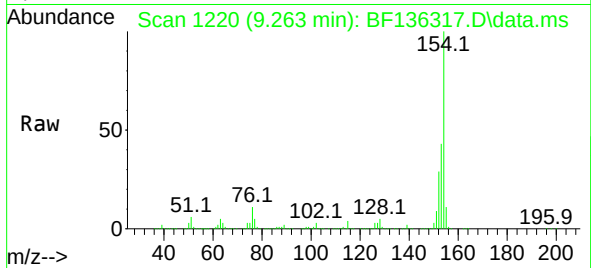
Tgt Ion:172 Resp: 1945756
Ion Ratio Lower Upper
172 100
171 38.9 31.5 47.3
170 25.8 20.8 31.2





#46
1,1'-Biphenyl
Concen: 45.029 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

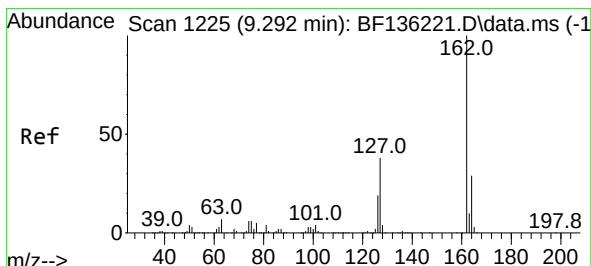
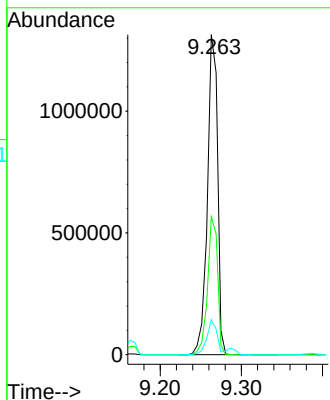
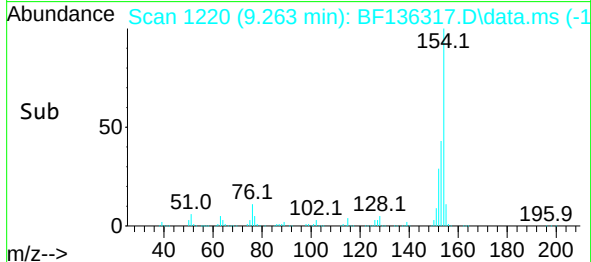
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



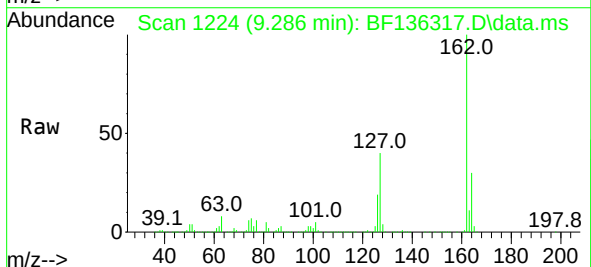
Tgt Ion:154 Resp: 1138814
Ion Ratio Lower Upper
154 100
153 43.1 24.6 64.6
76 11.0 0.0 29.4

Manual Integrations
APPROVED

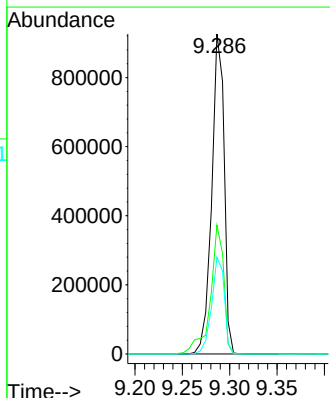
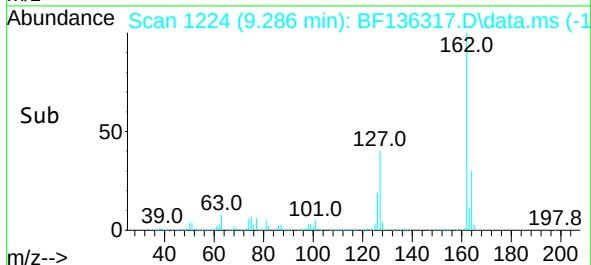
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

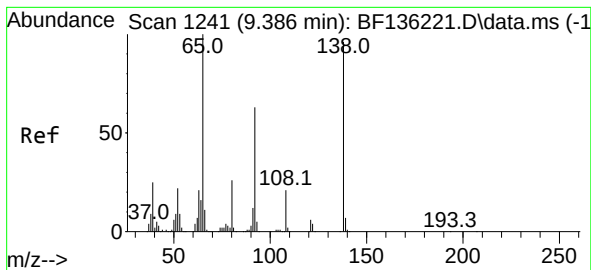


#47
2-Chloronaphthalene
Concen: 42.887 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



Tgt Ion:162 Resp: 842309
Ion Ratio Lower Upper
162 100
127 40.3 30.2 45.2
164 30.2 22.8 34.2





#48

2-Nitroaniline

Concen: 43.823 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136317.D

Acq: 30 Nov 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 65 Resp: 22471

Ion Ratio Lower Upper

65 100

92 67.4 50.6 75.8

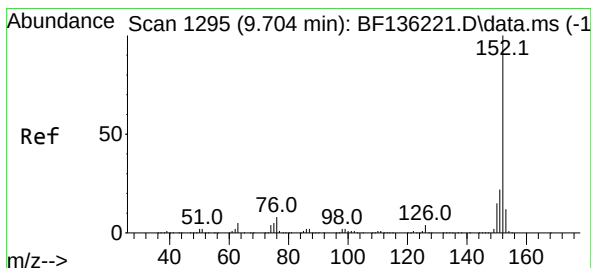
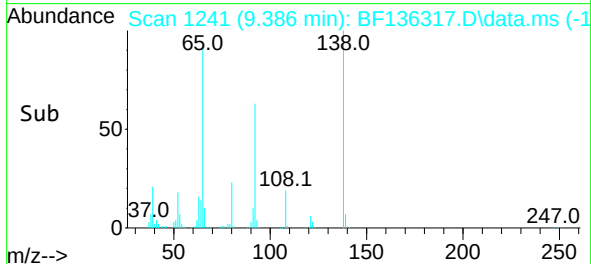
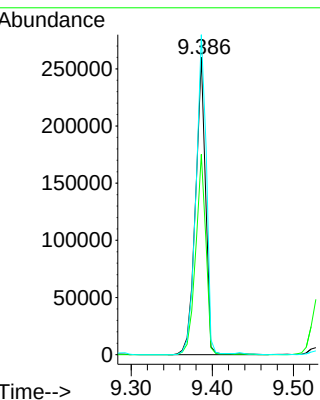
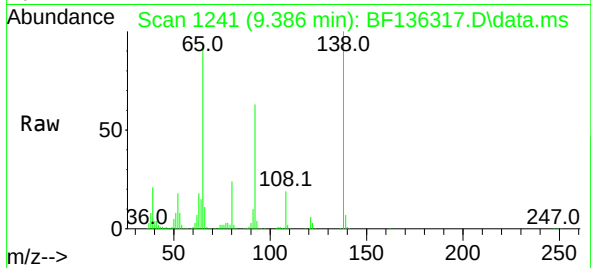
138 107.7 76.7 115.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#49

Acenaphthylene

Concen: 46.437 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF136317.D

Acq: 30 Nov 2023 17:00

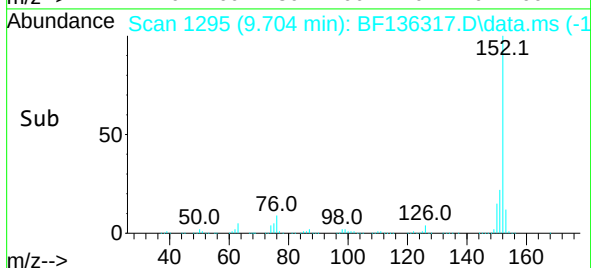
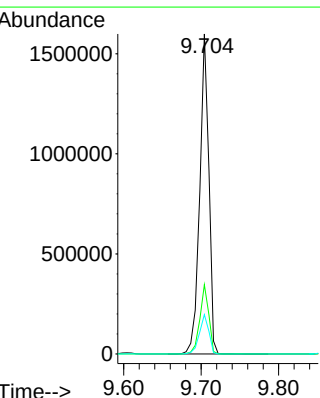
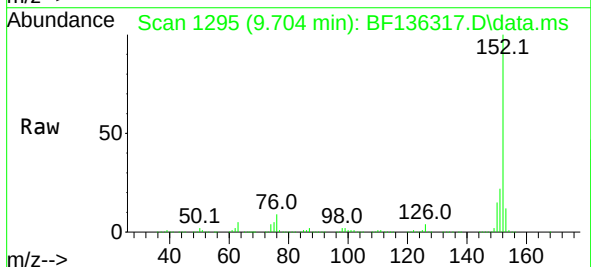
Tgt Ion:152 Resp: 1301533

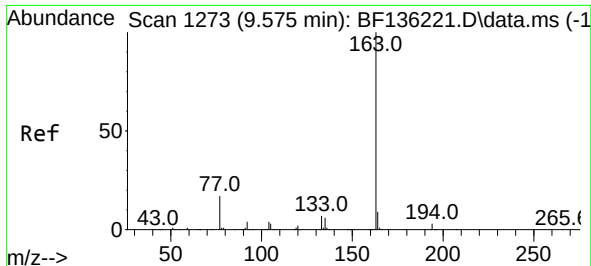
Ion Ratio Lower Upper

152 100

151 21.6 17.5 26.3

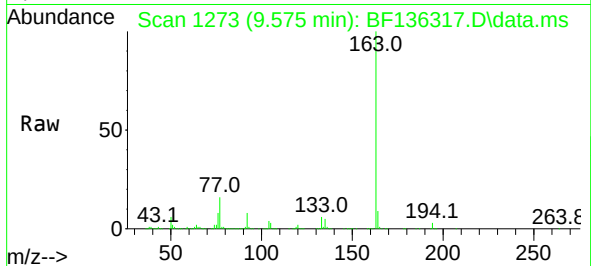
153 12.3 9.6 14.4





#50
Dimethylphthalate
Concen: 46.066 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

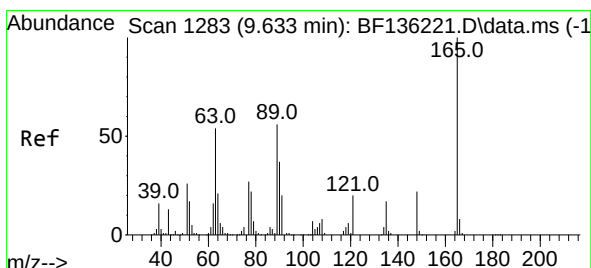
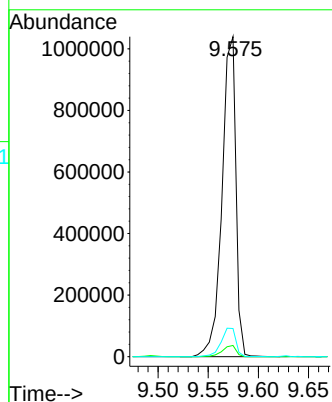
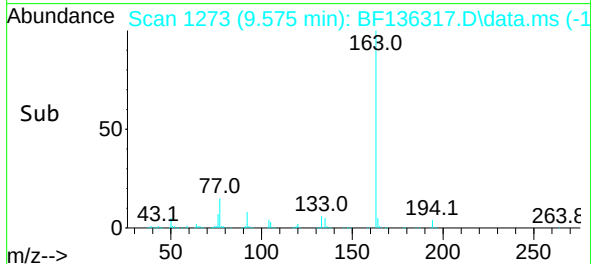
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



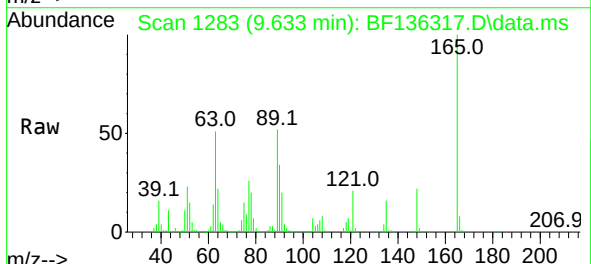
Tgt Ion:163 Resp: 998534
Ion Ratio Lower Upper
163 100
194 3.5 2.5 3.7
164 8.8 7.0 10.6

Manual Integrations
APPROVED

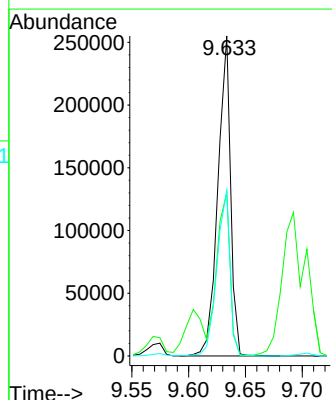
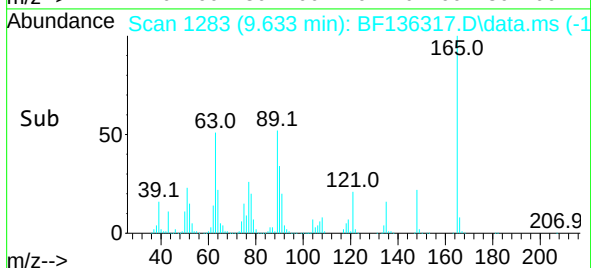
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

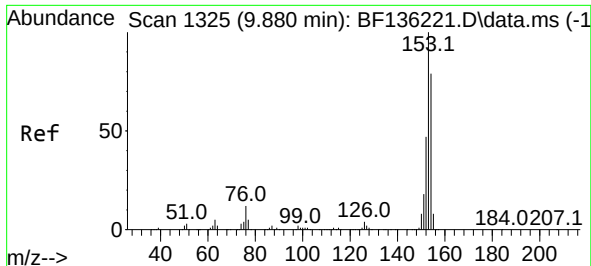


#51
2,6-Dinitrotoluene
Concen: 44.963 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



Tgt Ion:165 Resp: 199109
Ion Ratio Lower Upper
165 100
63 51.1 46.2 69.2
89 51.6 44.9 67.3





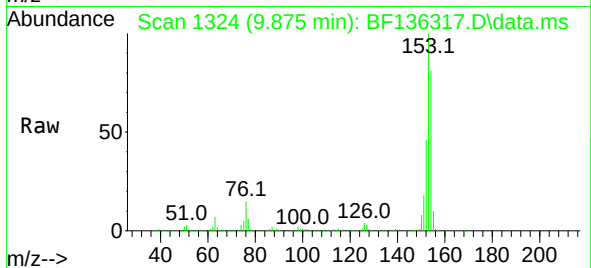
#52
Acenaphthene
Concen: 42.784 ng
RT: 9.875 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Instrument :

BNA_F

ClientSampleId :

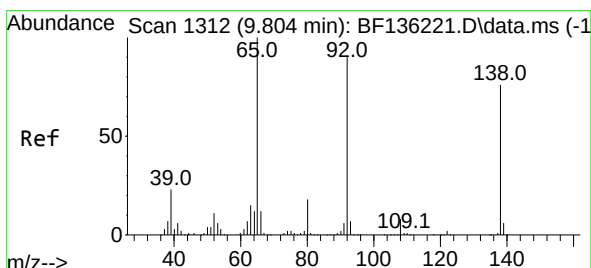
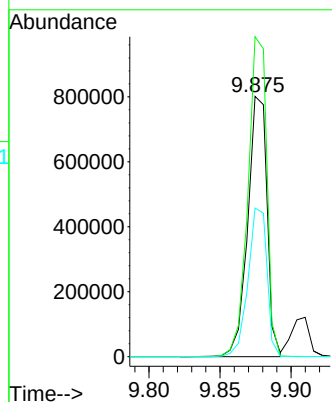
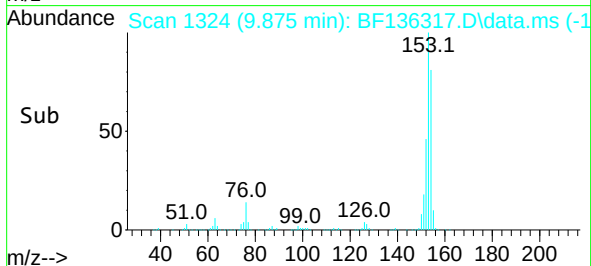
TP-1MSD



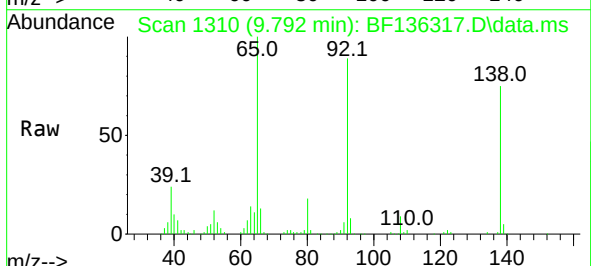
Tgt Ion:154 Resp: 75780
Ion Ratio Lower Upper
154 100
153 123.0 100.8 151.2
152 57.1 47.0 70.6

Manual Integrations
APPROVED

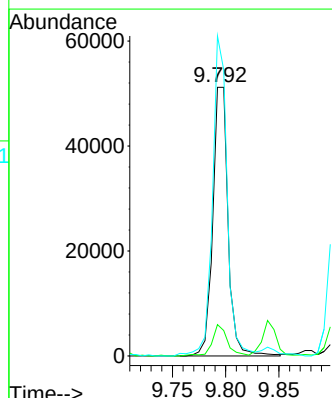
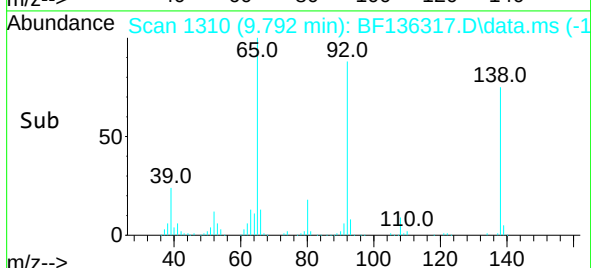
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

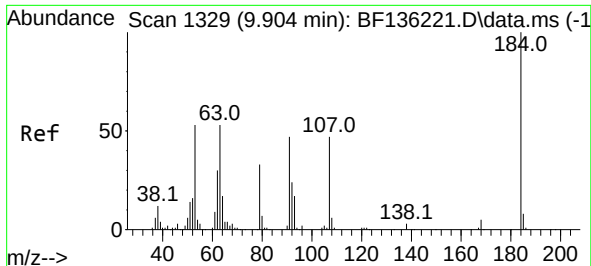


#53
3-Nitroaniline
Concen: 11.647 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



Tgt Ion:138 Resp: 51174
Ion Ratio Lower Upper
138 100
108 11.7 8.7 13.1
92 119.1 94.2 141.4





#54
2,4-Dinitrophenol
Concen: 85.135 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Instrument :

BNA_F

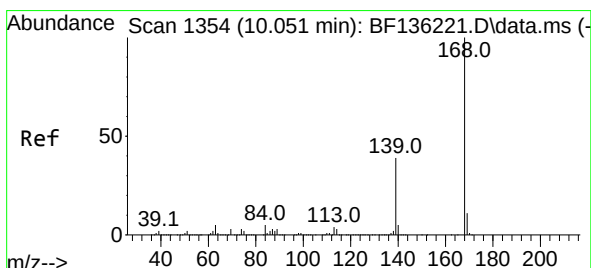
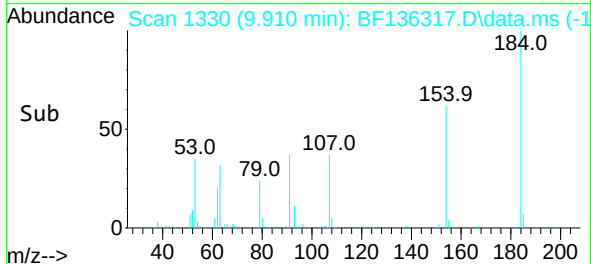
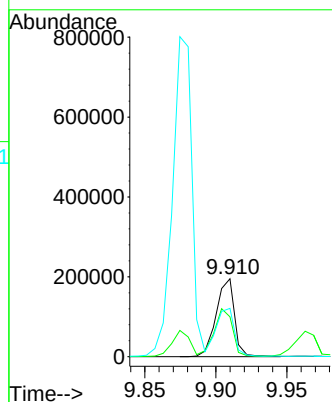
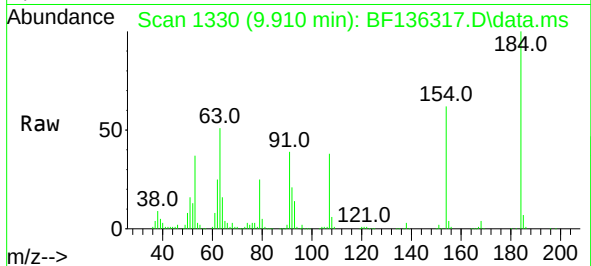
ClientSampleId :

TP-1MSD

Tgt Ion:184 Resp: 17533
Ion Ratio Lower Upper
184 100
63 51.0 55.0 82.4
154 62.0 54.9 82.3

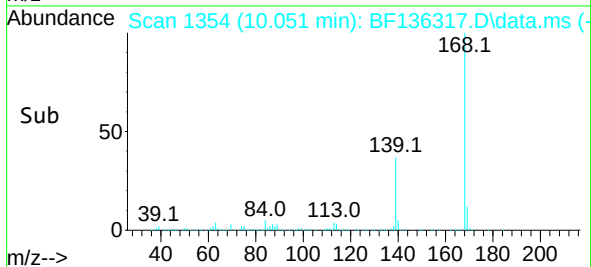
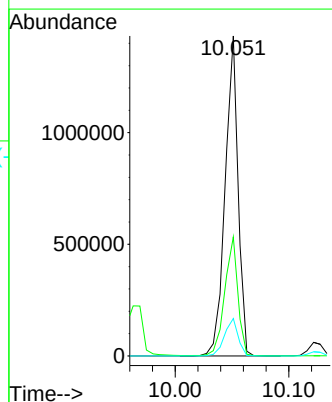
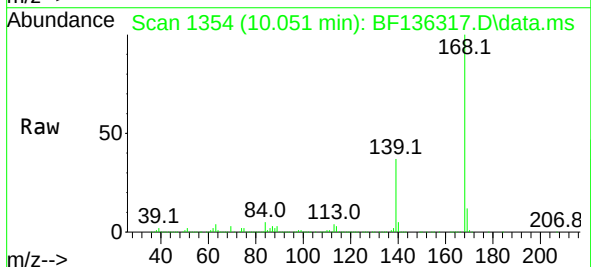
Manual Integrations
APPROVED

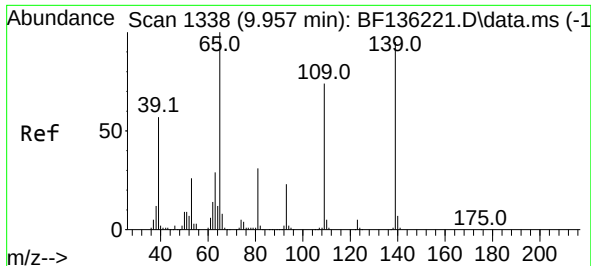
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#55
Dibenzofuran
Concen: 43.257 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

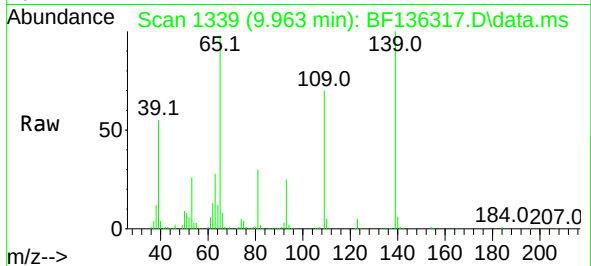
Tgt Ion:168 Resp: 1140103
Ion Ratio Lower Upper
168 100
139 37.2 30.9 46.3
169 11.7 9.1 13.7





#56
4-Nitrophenol
Concen: 74.330 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

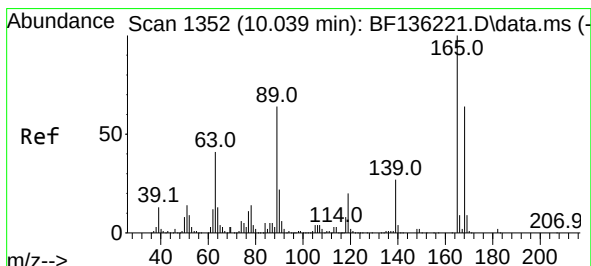
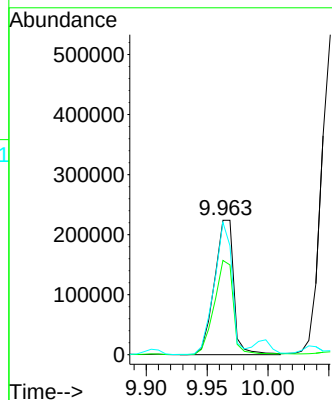
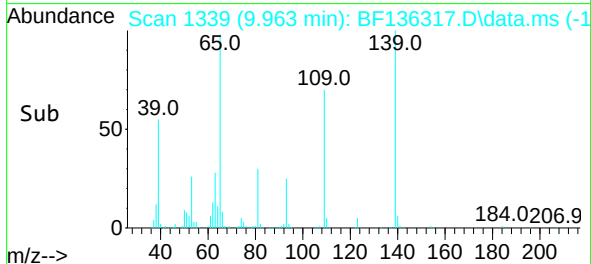
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:139 Resp: 24805
Ion Ratio Lower Upper
139 100
109 70.1 57.8 97.8
65 98.4 86.0 126.0

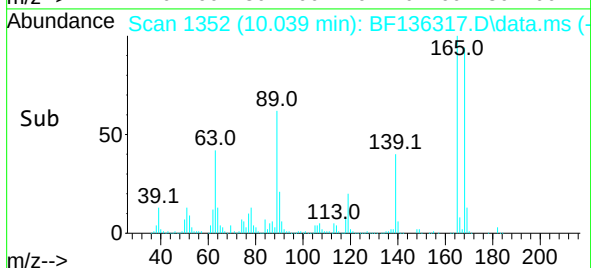
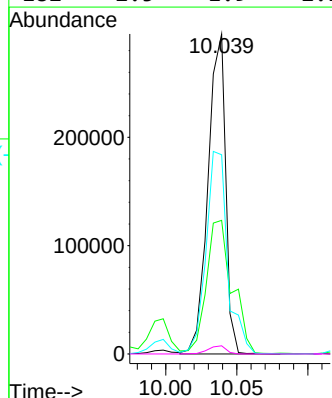
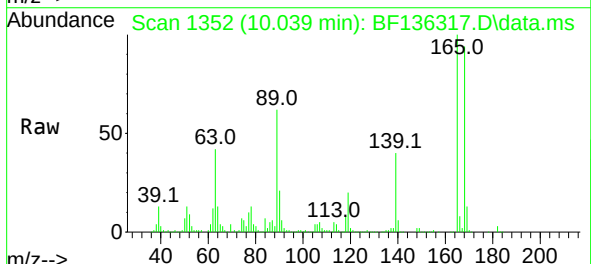
Manual Integrations
APPROVED

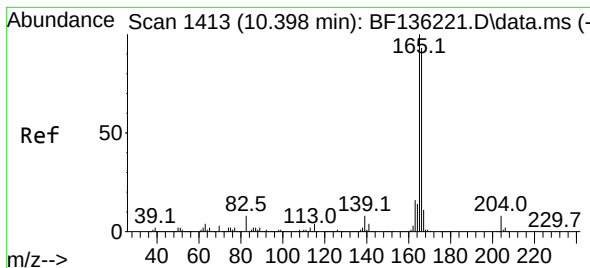
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#57
2,4-Dinitrotoluene
Concen: 43.216 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

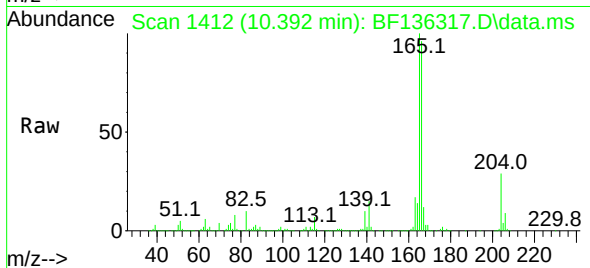
Tgt Ion:165 Resp: 255630
Ion Ratio Lower Upper
165 100
63 41.8 33.0 49.4
89 62.2 51.5 77.3
182 2.5 1.9 2.9





#58
Fluorene
Concen: 41.787 ng
RT: 10.392 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

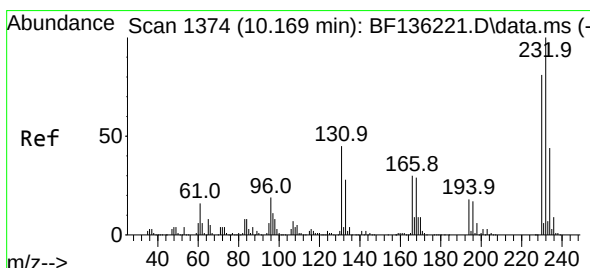
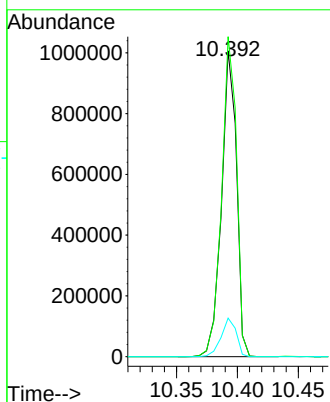
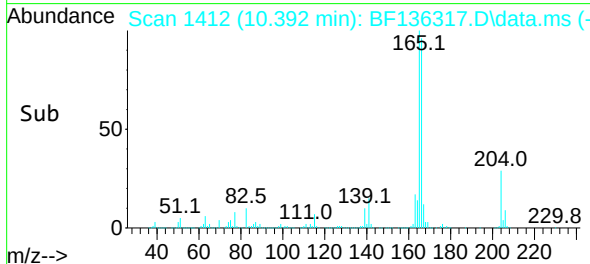
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



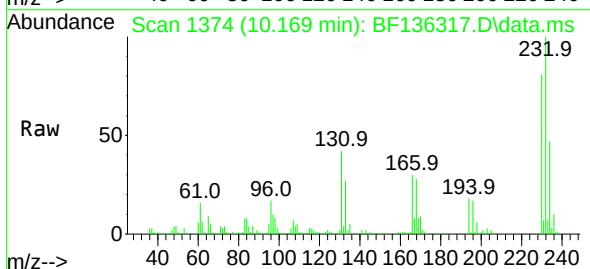
Tgt Ion:166 Resp: 863889
Ion Ratio Lower Upper
166 100
165 104.6 86.2 129.4
167 12.6 9.1 13.7

Manual Integrations
APPROVED

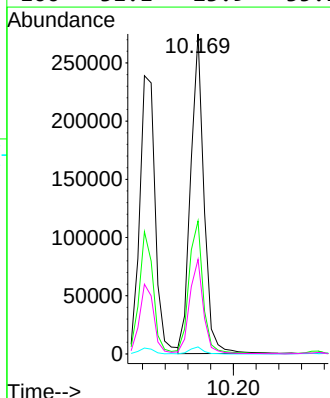
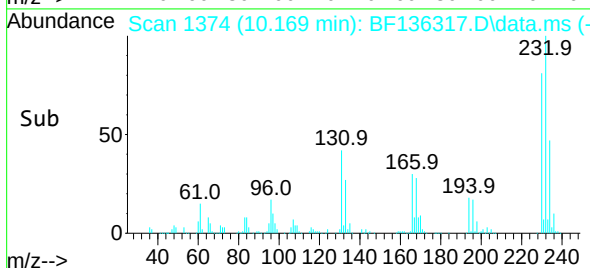
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

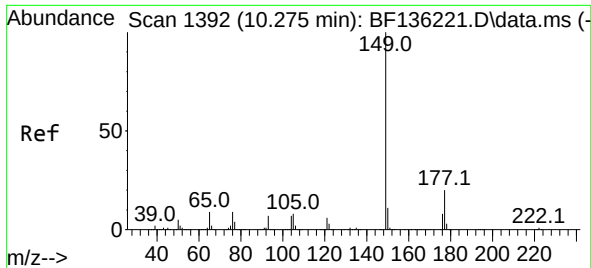


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.520 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



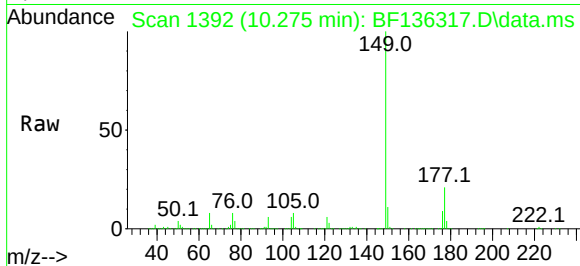
Tgt Ion:232 Resp: 223859
Ion Ratio Lower Upper
232 100
131 44.8 36.4 54.6
130 2.2 1.9 2.9
166 31.1 23.9 35.9





#60
Diethylphthalate
Concen: 43.318 ng
RT: 10.275 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

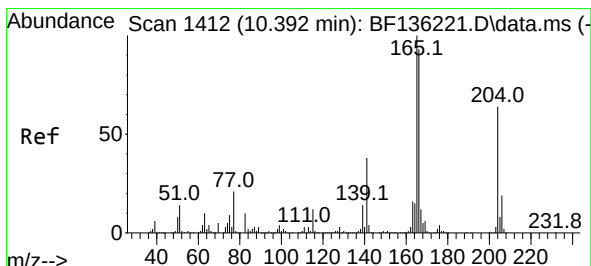
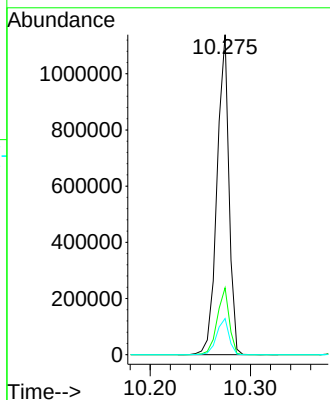
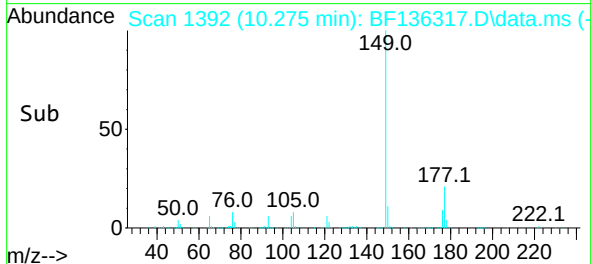
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



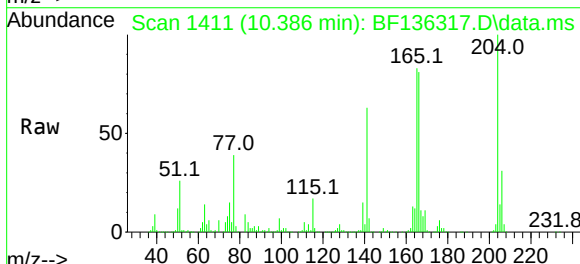
Tgt Ion:149 Resp: 93925
Ion Ratio Lower Upper
149 100
177 20.9 15.8 23.6
150 11.3 8.8 13.2

Manual Integrations
APPROVED

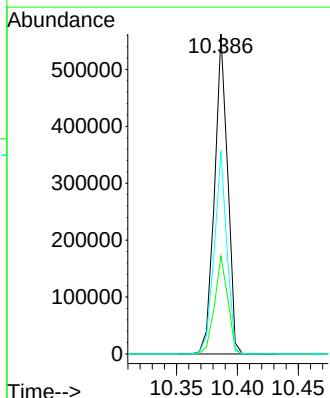
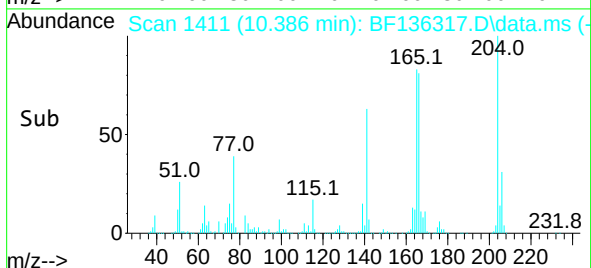
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

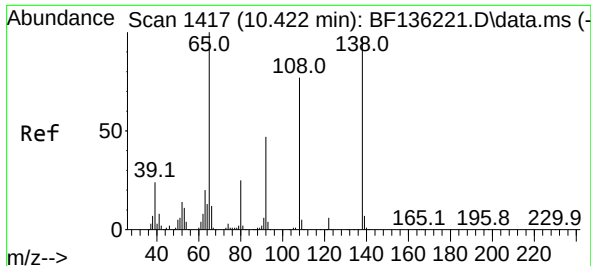


#61
4-Chlorophenyl-phenylether
Concen: 41.693 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



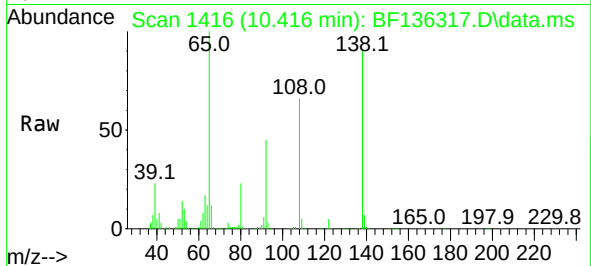
Tgt Ion:204 Resp: 418595
Ion Ratio Lower Upper
204 100
206 30.6 23.4 35.0
141 63.4 47.6 71.4





#62
4-Nitroaniline
Concen: 37.829 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

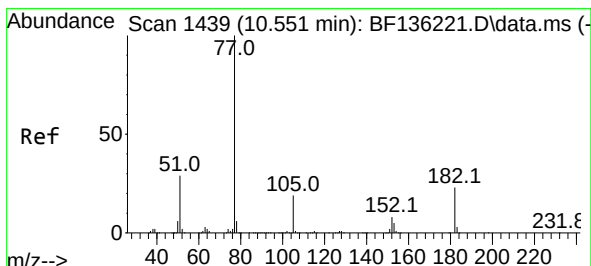
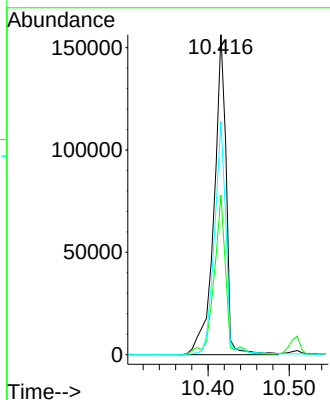
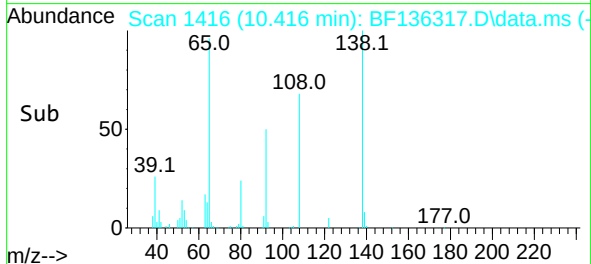
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:138 Resp: 162698
Ion Ratio Lower Upper
138 100
92 49.9 28.5 68.5
108 72.9 59.8 99.8

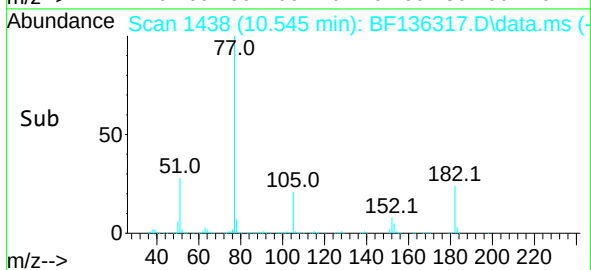
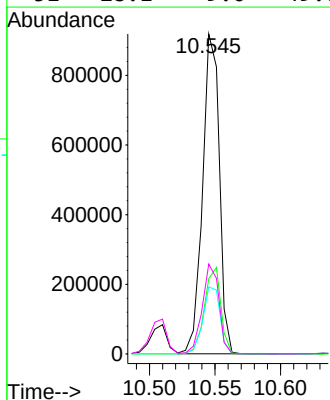
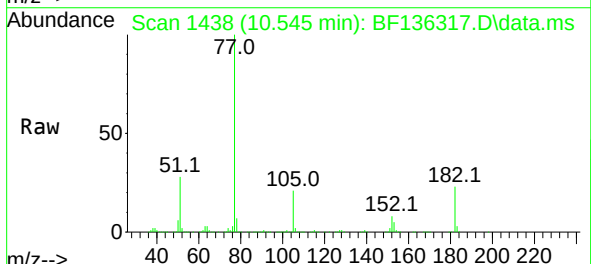
Manual Integrations
APPROVED

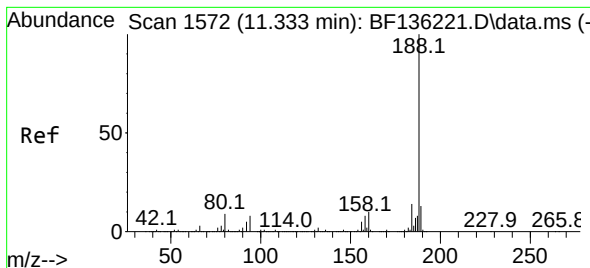
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#63
Azobenzene
Concen: 40.738 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

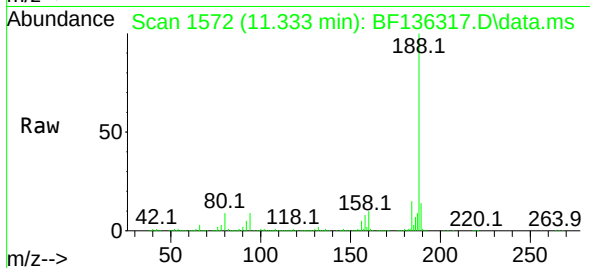
Tgt Ion: 77 Resp: 818898
Ion Ratio Lower Upper
77 100
182 23.5 3.3 43.3
105 21.0 0.0 39.5
51 28.1 9.0 49.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

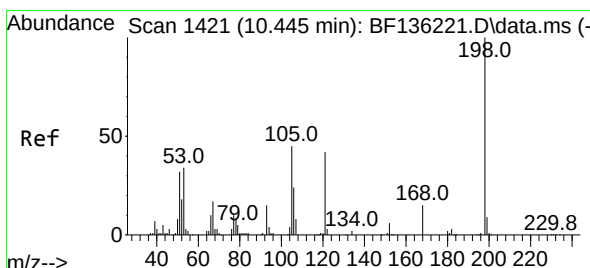
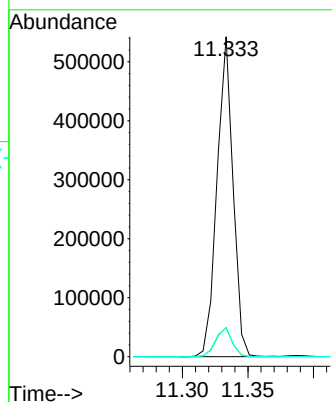
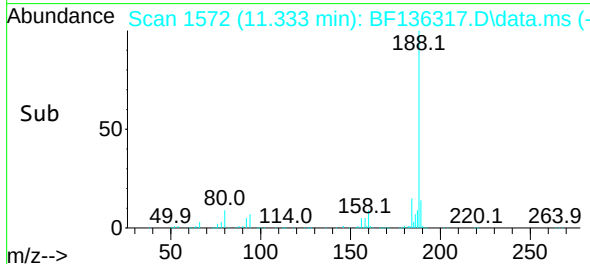
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



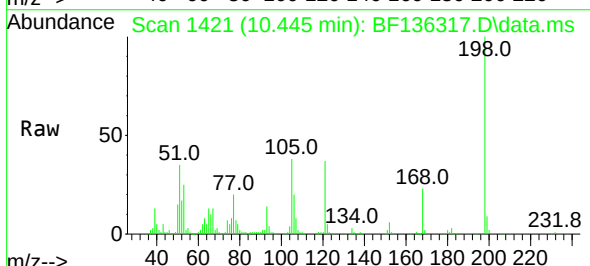
Tgt Ion:188 Resp: 459952
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 8.9 7.2 10.8

Manual Integrations
APPROVED

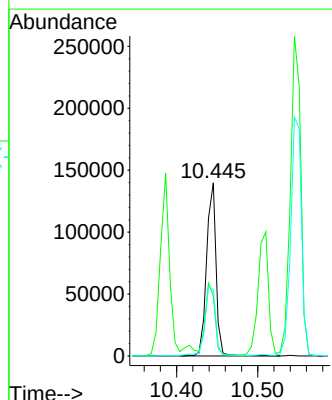
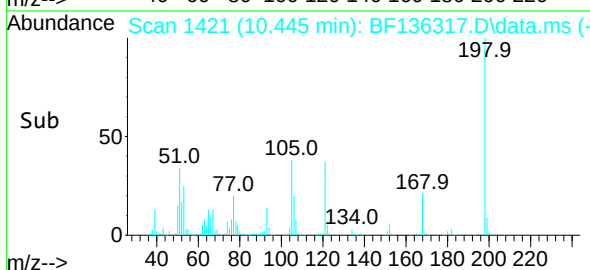
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

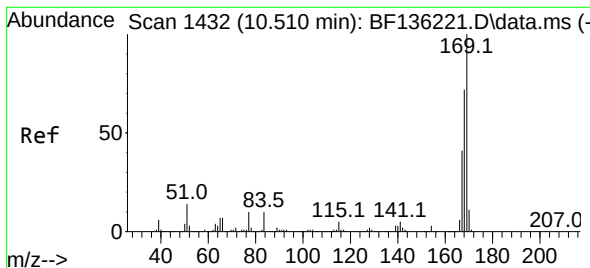


#65
4,6-Dinitro-2-methylphenol
Concen: 44.806 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



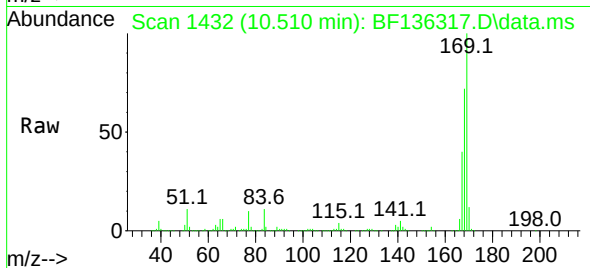
Tgt Ion:198 Resp: 112698
Ion Ratio Lower Upper
198 100
51 34.6 28.2 68.2
105 38.2 25.7 65.7





#66
n-Nitrosodiphenylamine
Concen: 50.015 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

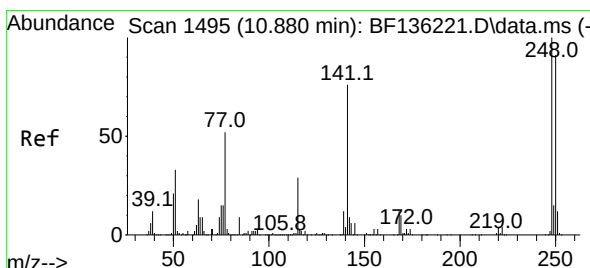
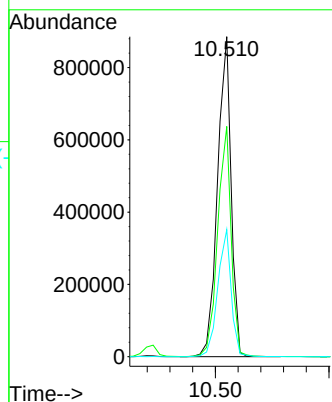
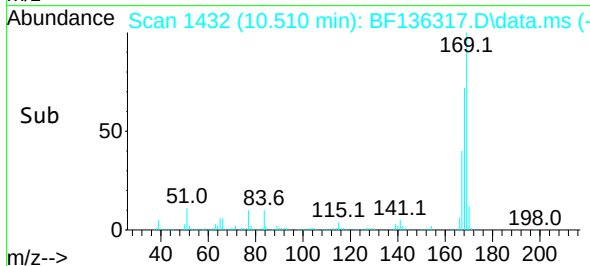
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



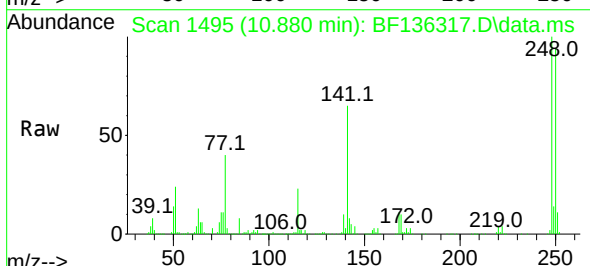
Tgt Ion:169 Resp: 737205
Ion Ratio Lower Upper
169 100
168 71.9 57.8 86.6
167 39.7 32.7 49.1

Manual Integrations
APPROVED

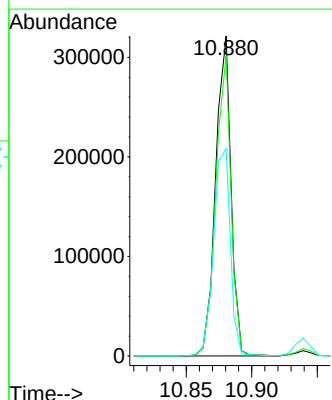
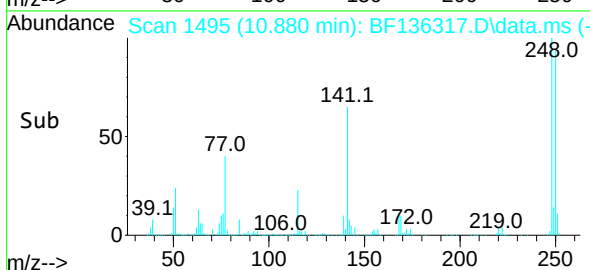
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

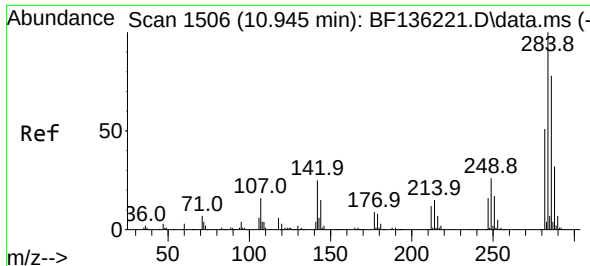


#67
4-Bromophenyl-phenylether
Concen: 48.854 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



Tgt Ion:248 Resp: 262155
Ion Ratio Lower Upper
248 100
250 93.9 72.5 108.7
141 64.8 60.8 91.2





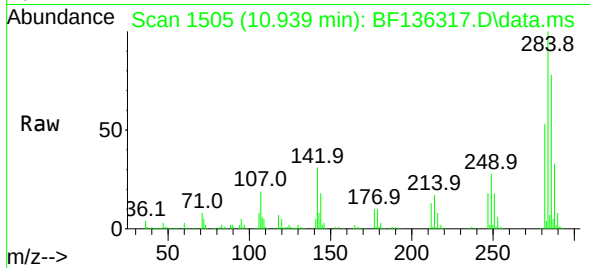
#68
Hexachlorobenzene
Concen: 45.615 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

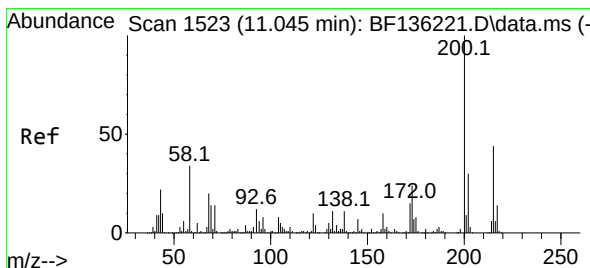
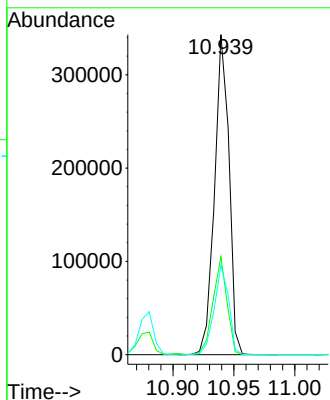
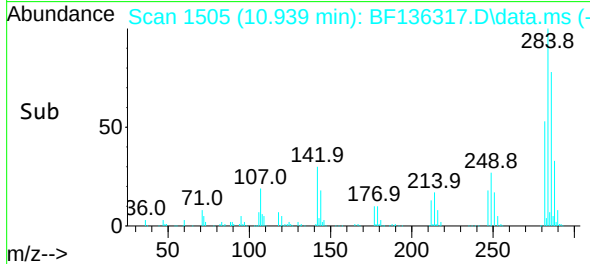


Tgt Ion:284 Resp: 283292
Ion Ratio Lower Upper
284 100
142 30.7 19.8 29.8
249 27.9 21.0 31.4

Manual Integrations

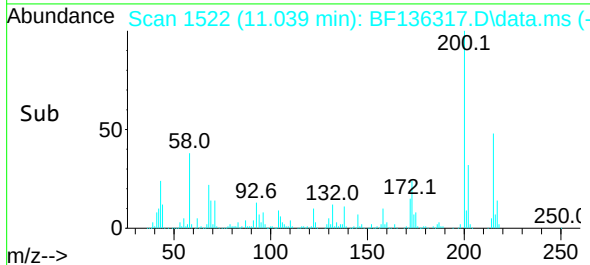
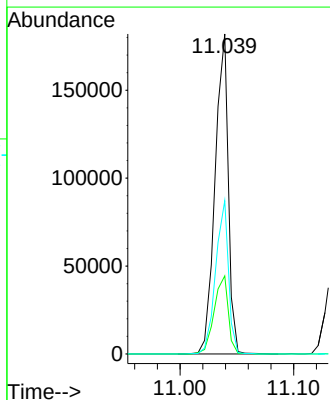
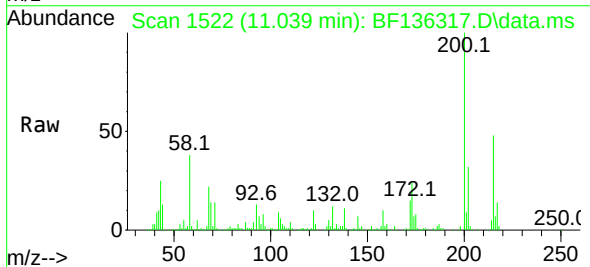
APPROVED

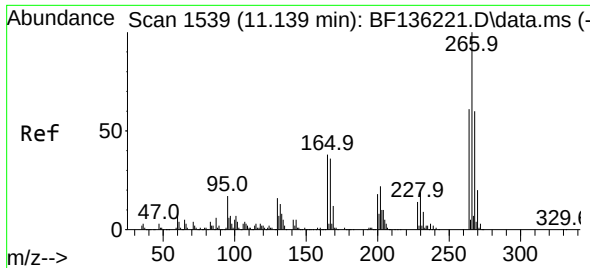
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#69
Atrazine
Concen: 33.686 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

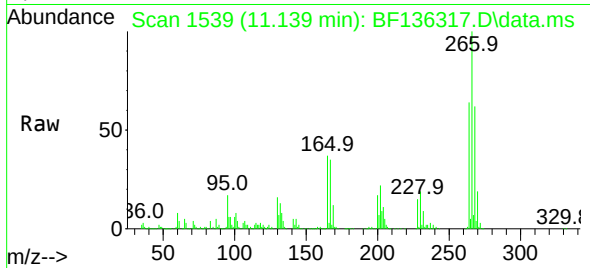
Tgt Ion:200 Resp: 147290
Ion Ratio Lower Upper
200 100
173 24.4 4.3 44.3
215 47.9 23.8 63.8





#70
Pentachlorophenol
Concen: 83.955 ng
RT: 11.139 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

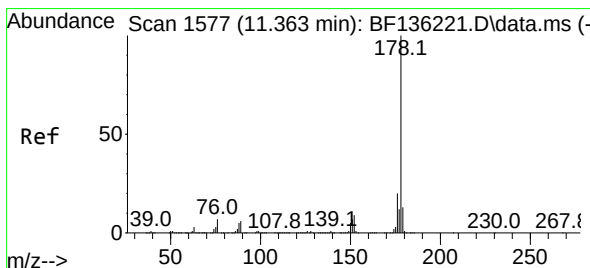
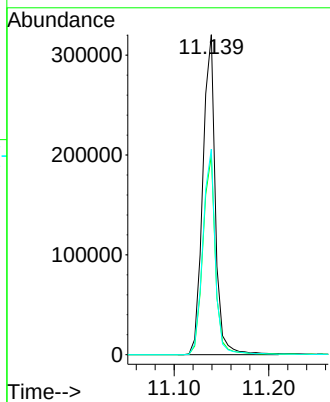
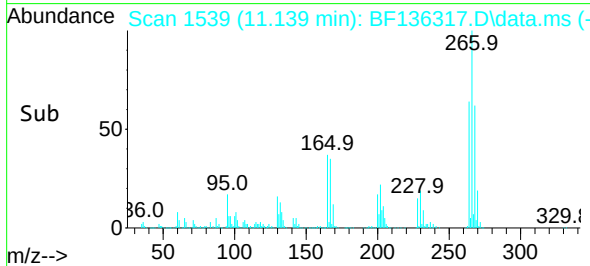
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



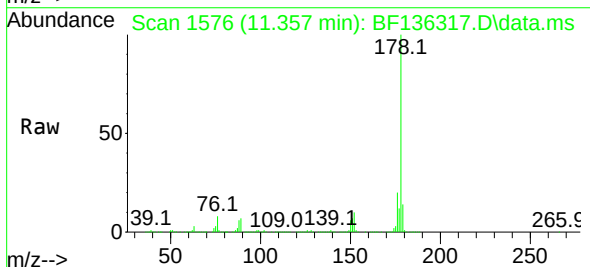
Tgt Ion:266 Resp: 294729
Ion Ratio Lower Upper
266 100
268 62.3 47.9 71.9
264 64.3 49.1 73.7

Manual Integrations
APPROVED

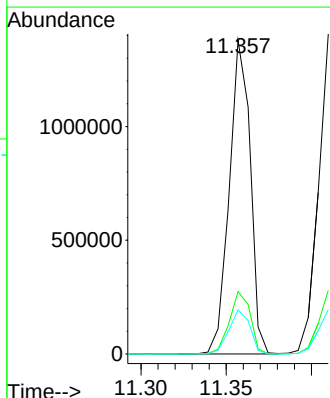
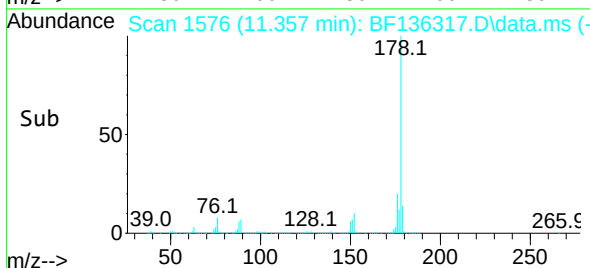
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

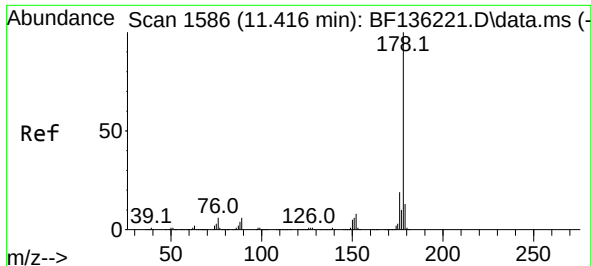


#71
Phenanthrene
Concen: 45.599 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



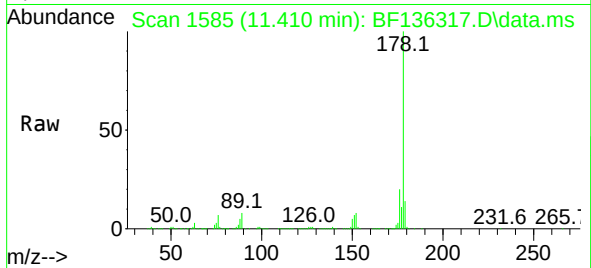
Tgt Ion:178 Resp: 1178794
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 14.0 10.3 15.5





#72
 Anthracene
 Concen: 45.688 ng
 RT: 11.410 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136317.D
 Acq: 30 Nov 2023 17:00

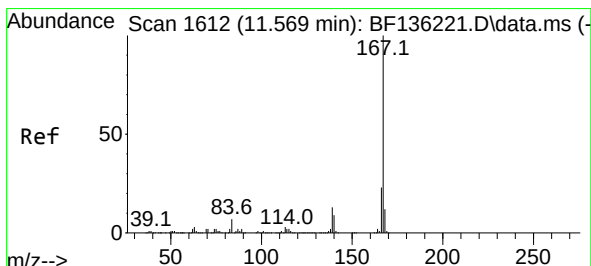
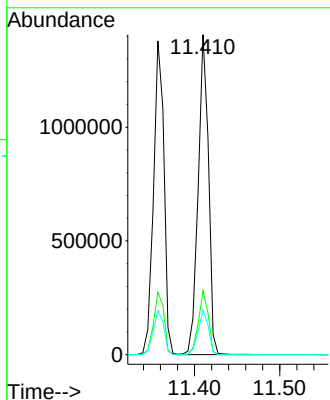
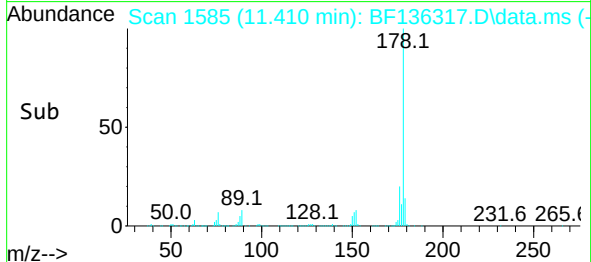
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD



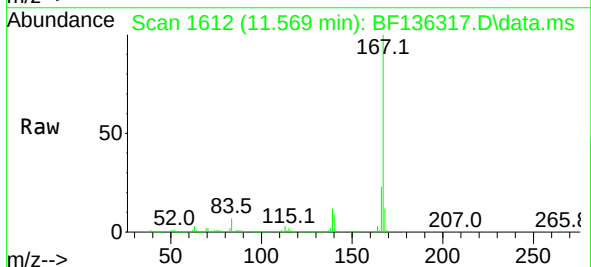
Tgt Ion:178 Resp: 1184434
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.5 23.3
 179 13.9 10.5 15.7

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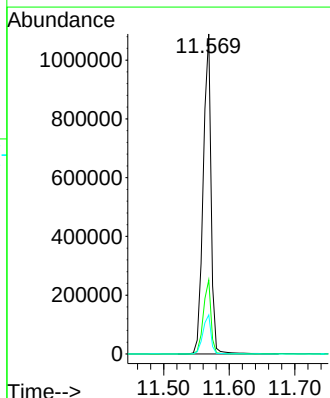
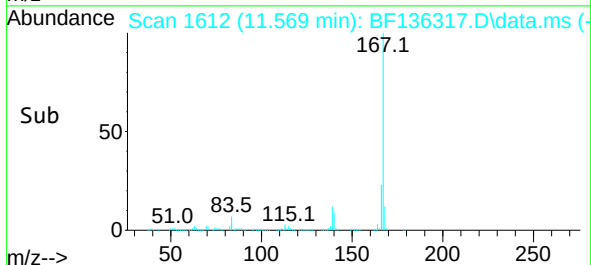
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

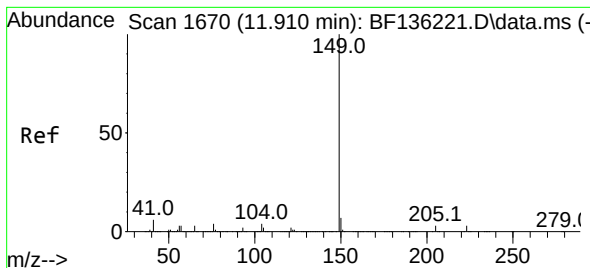


#73
 Carbazole
 Concen: 41.302 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136317.D
 Acq: 30 Nov 2023 17:00



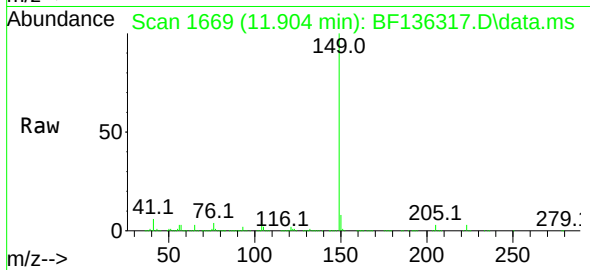
Tgt Ion:167 Resp: 910659
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.4 27.6
 139 12.2 10.5 15.7





#74
Di-n-butylphthalate
Concen: 47.882 ng
RT: 11.904 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

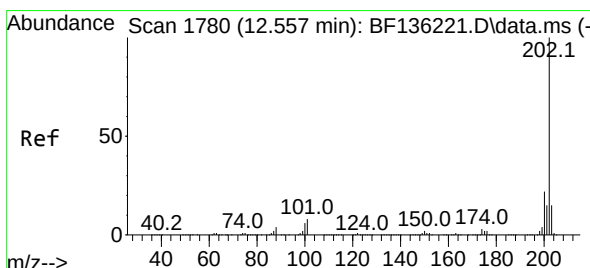
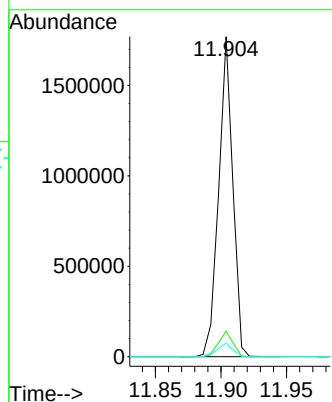
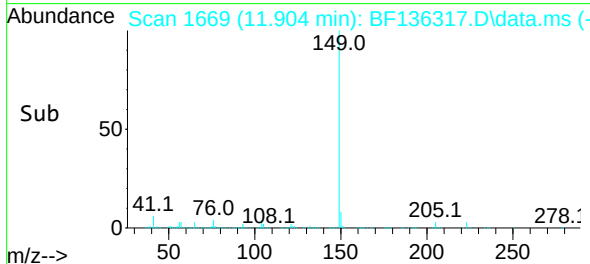
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



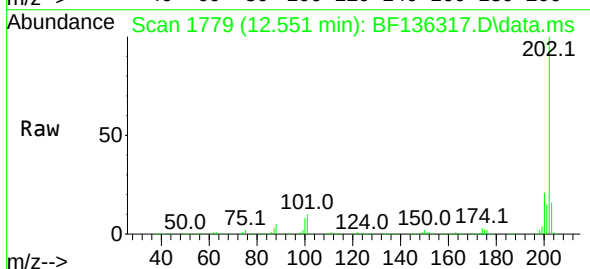
Tgt Ion:149 Resp: 1320960
Ion Ratio Lower Upper
149 100
150 8.0 6.0 9.0
104 4.2 3.5 5.3

Manual Integrations
APPROVED

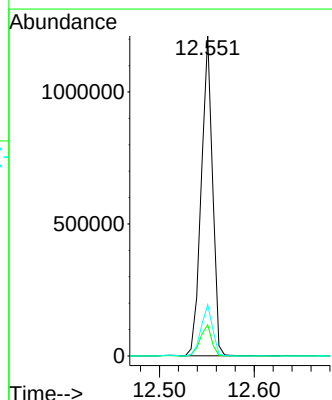
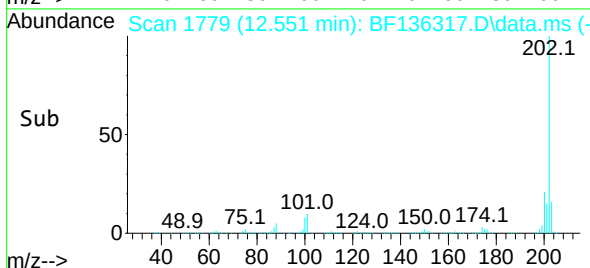
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

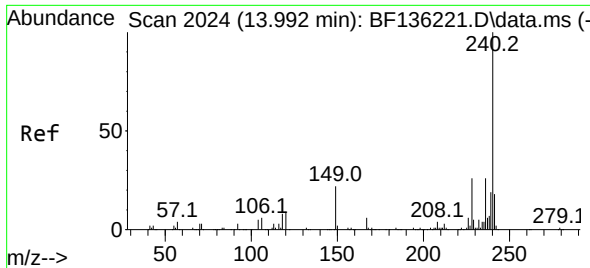


#75
Fluoranthene
Concen: 38.338 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



Tgt Ion:202 Resp: 1006112
Ion Ratio Lower Upper
202 100
101 9.7 0.0 27.8
203 16.0 0.0 34.5





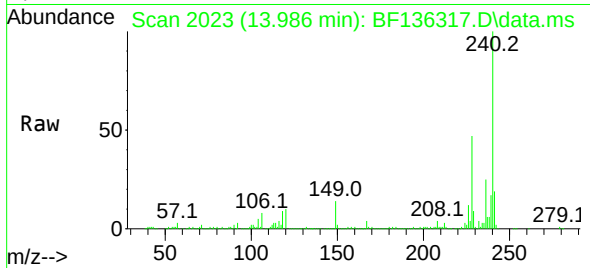
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

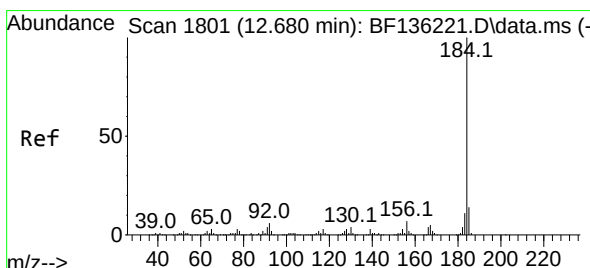
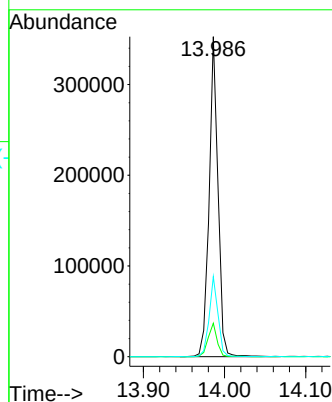
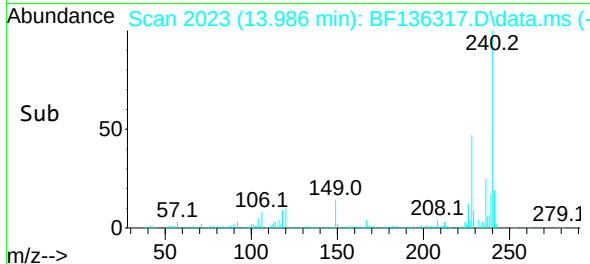


Tgt Ion:240 Resp: 267369
Ion Ratio Lower Upper
240 100
120 10.5 7.4 11.2
236 25.0 21.1 31.7

Manual Integrations

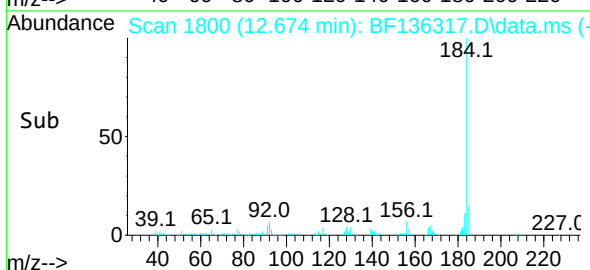
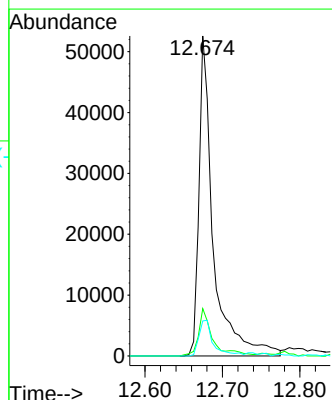
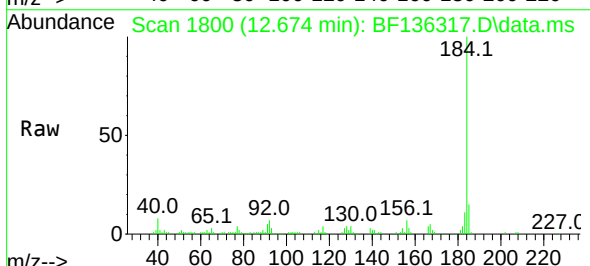
APPROVED

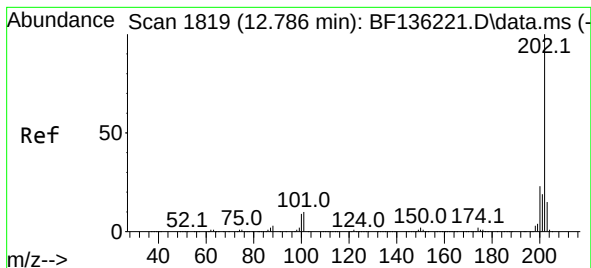
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#77
Benzidine
Concen: 15.350 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Tgt Ion:184 Resp: 67466
Ion Ratio Lower Upper
184 100
185 14.8 11.0 16.6
183 11.0 9.0 13.4





#78

Pyrene

Concen: 34.222 ng

RT: 12.780 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF136317.D

Acq: 30 Nov 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:202 Resp: 100206

Ion Ratio Lower Upper

202 100

200 22.3 18.4 27.6

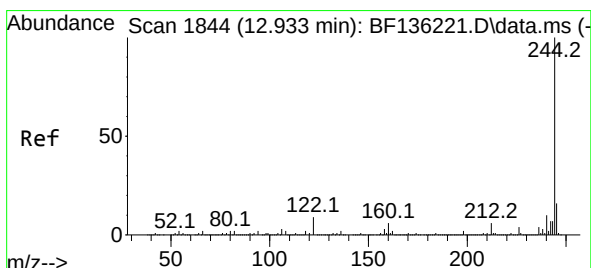
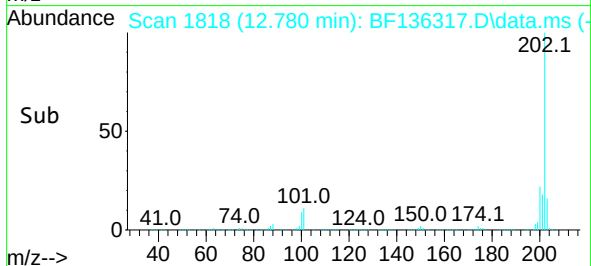
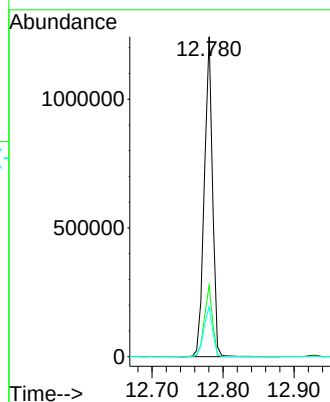
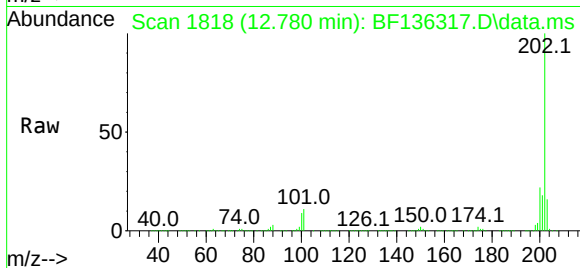
203 15.6 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#79

Terphenyl-d14

Concen: 70.534 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136317.D

Acq: 30 Nov 2023 17:00

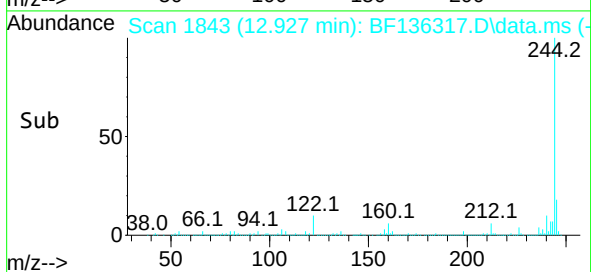
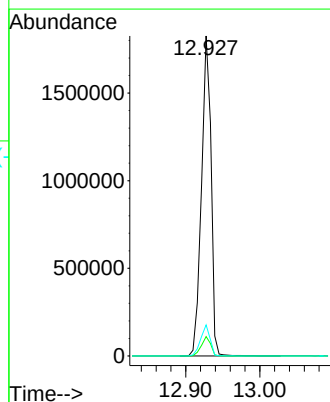
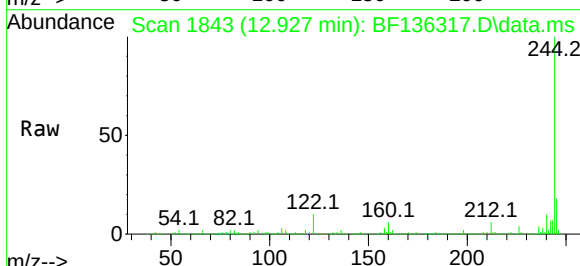
Tgt Ion:244 Resp: 1634911

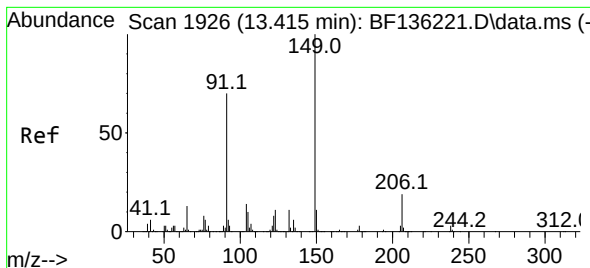
Ion Ratio Lower Upper

244 100

212 6.0 4.6 7.0

122 9.7 7.3 10.9





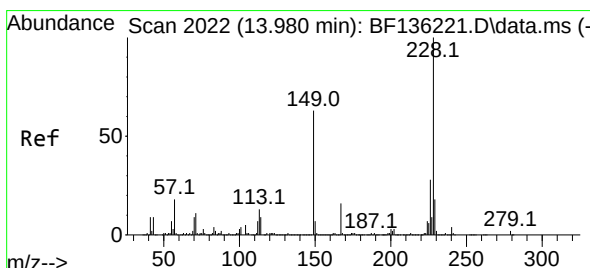
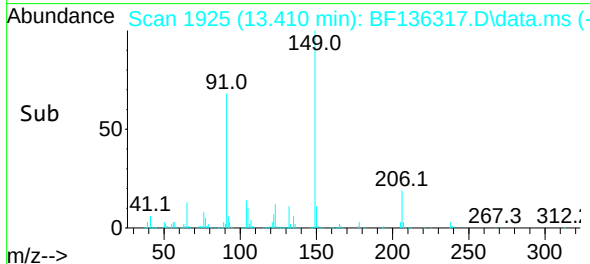
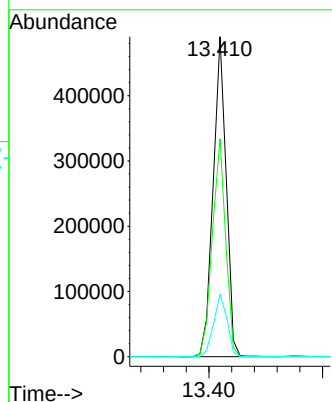
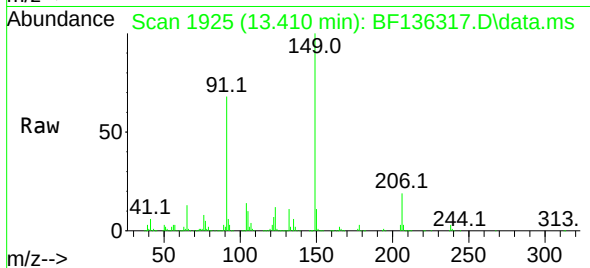
#80
Butylbenzylphthalate
Concen: 42.892 ng
RT: 13.410 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:149 Resp: 390880
Ion Ratio Lower Upper
149 100
91 68.1 56.4 84.6
206 19.4 14.8 22.2

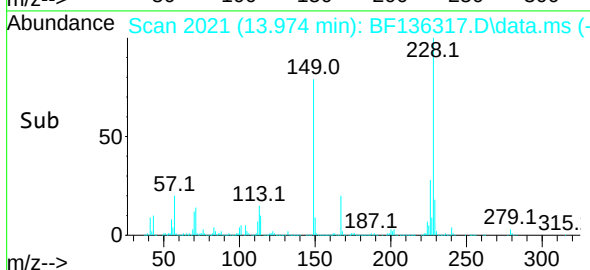
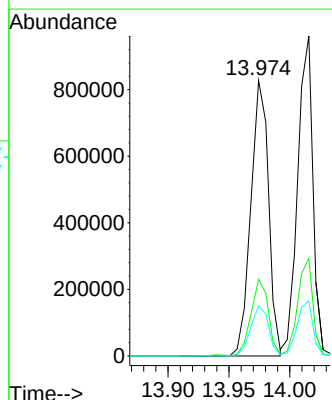
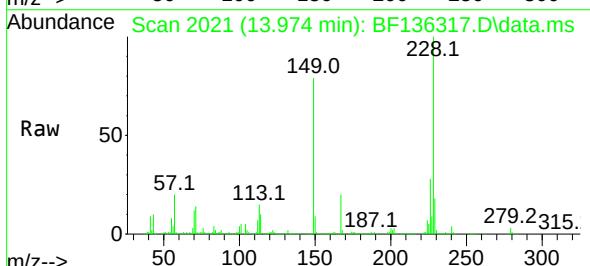
Manual Integrations
APPROVED

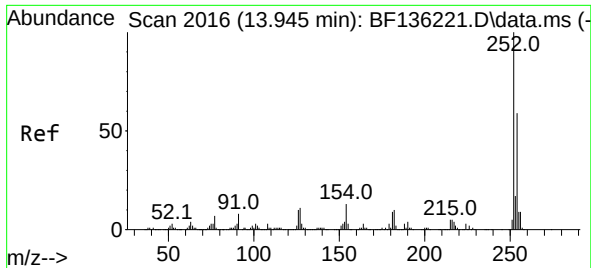
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#81
Benzo(a)anthracene
Concen: 42.135 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

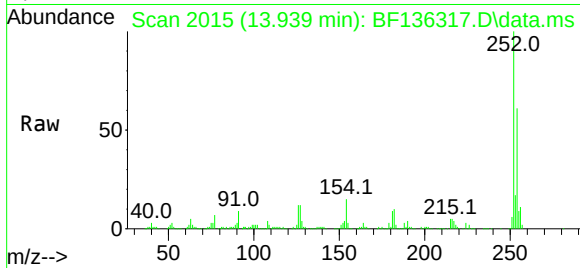
Tgt Ion:228 Resp: 836775
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 18.2 14.0 21.0





#82
3,3'-Dichlorobenzidine
Concen: 28.170 ng
RT: 13.939 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

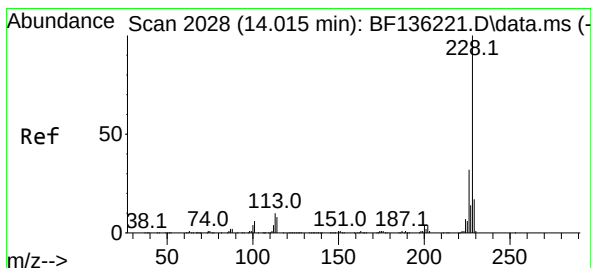
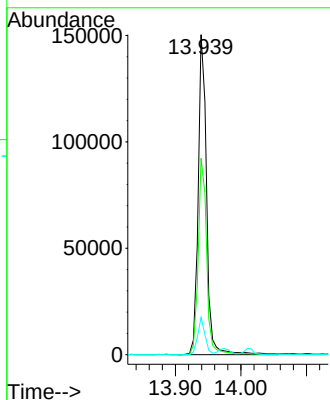
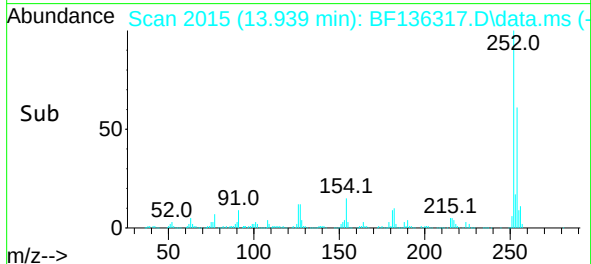
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:252 Resp: 134664
Ion Ratio Lower Upper
252 100
254 61.4 47.4 71.2
126 11.6 8.3 12.5

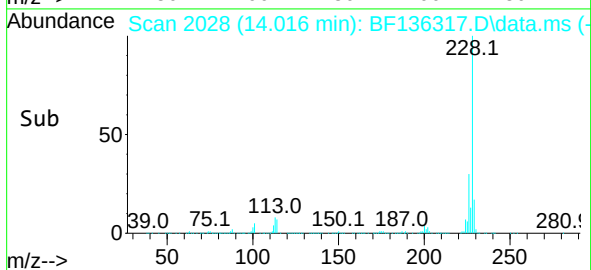
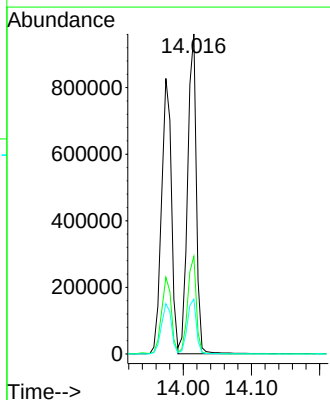
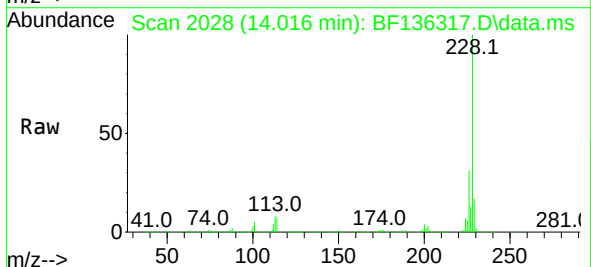
Manual Integrations
APPROVED

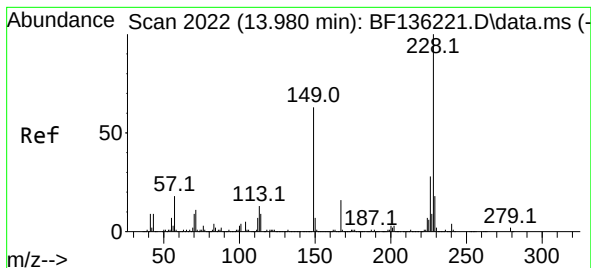
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#83
Chrysene
Concen: 44.118 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Tgt Ion:228 Resp: 845963
Ion Ratio Lower Upper
228 100
226 30.5 25.5 38.3
229 17.2 13.9 20.9





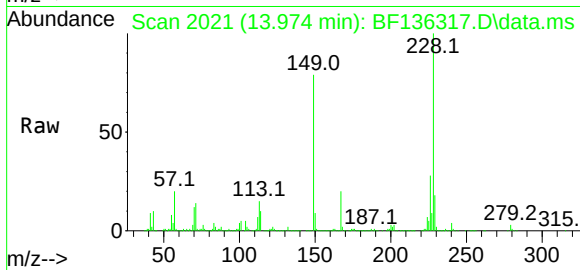
#84
Bis(2-ethylhexyl)phthalate
Concen: 48.927 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

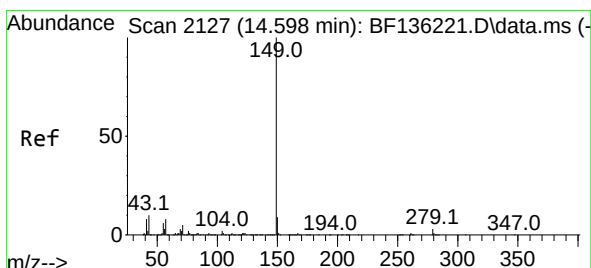
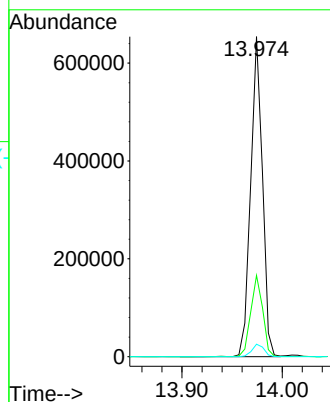
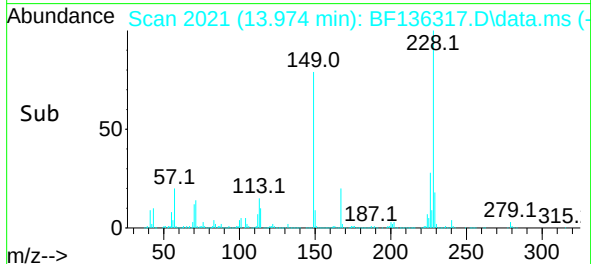


Tgt Ion:149 Resp: 535107
Ion Ratio Lower Upper
149 100
167 25.4 20.2 30.2
279 3.9 2.4 3.6

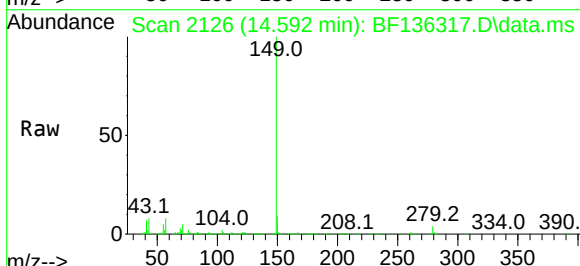
Manual Integrations

APPROVED

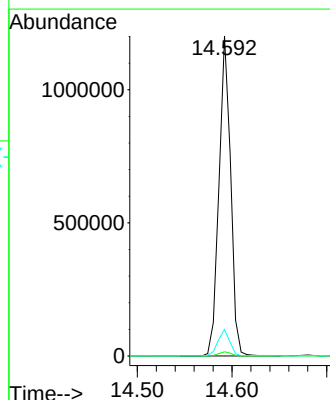
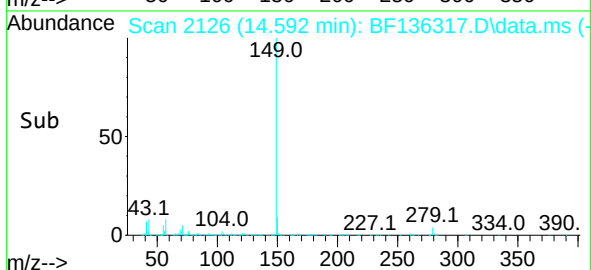
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

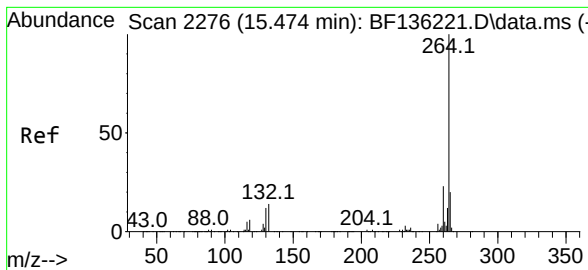


#85
Di-n-octyl phthalate
Concen: 56.601 ng
RT: 14.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



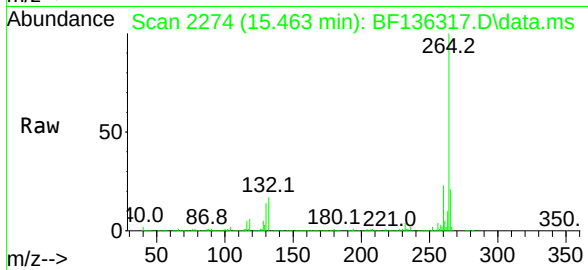
Tgt Ion:149 Resp: 1023806
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 8.4 7.2 10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

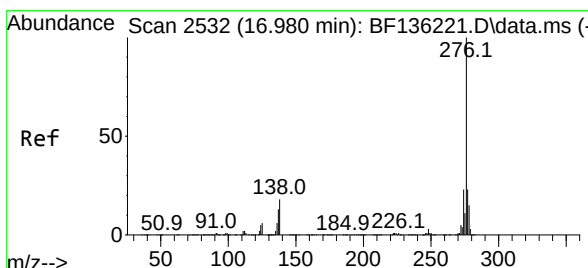
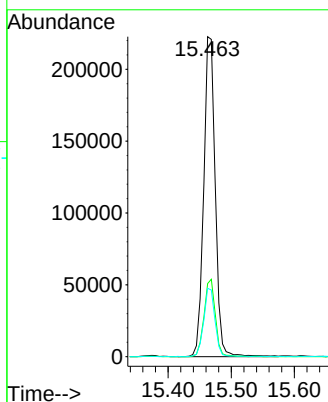
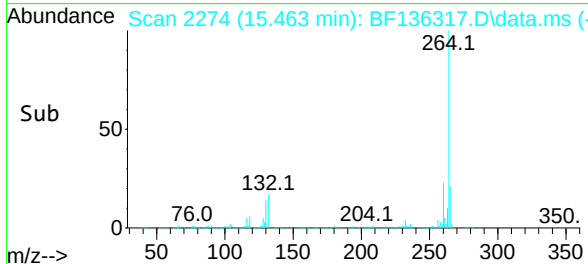
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



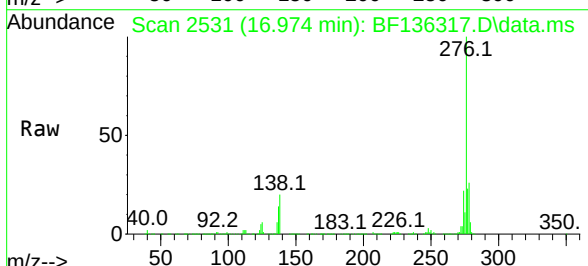
Tgt Ion:264 Resp: 283584
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 21.4 15.7 23.5

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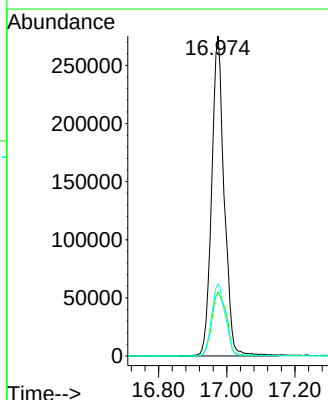
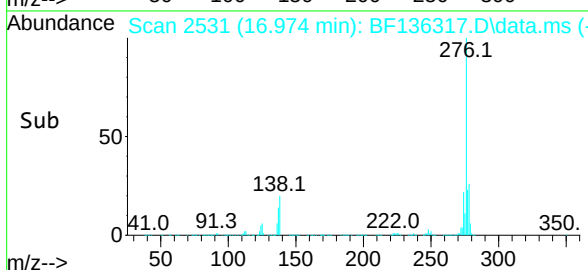
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

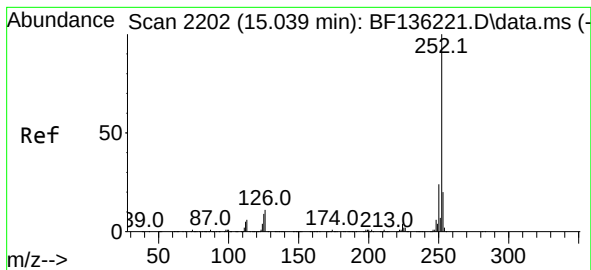


#87
Indeno(1,2,3-cd)pyrene
Concen: 34.016 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



Tgt Ion:276 Resp: 703534
Ion Ratio Lower Upper
276 100
138 23.4 17.7 26.5
277 24.7 19.6 29.4





#88

Benzo(b)fluoranthene

Concen: 47.418 ng

RT: 15.033 min Scan# 2202

Delta R.T. -0.006 min

Lab File: BF136317.D

Acq: 30 Nov 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:252 Resp: 943420

Ion Ratio Lower Upper

252 100

253 20.3 16.2 24.2

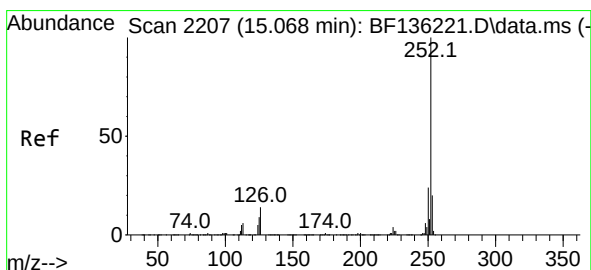
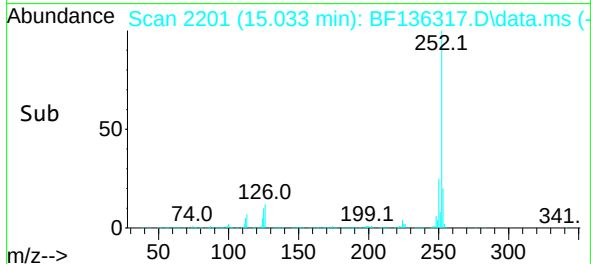
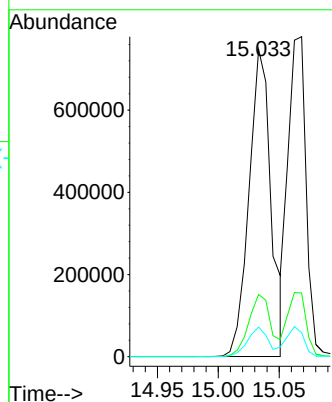
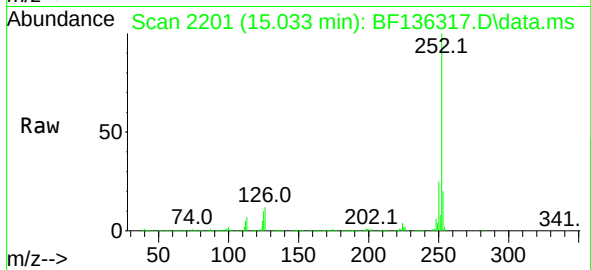
125 9.6 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#89

Benzo(k)fluoranthene

Concen: 42.817 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF136317.D

Acq: 30 Nov 2023 17:00

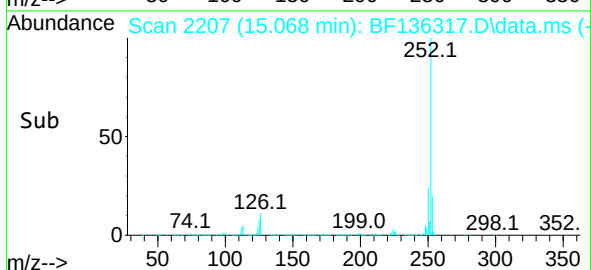
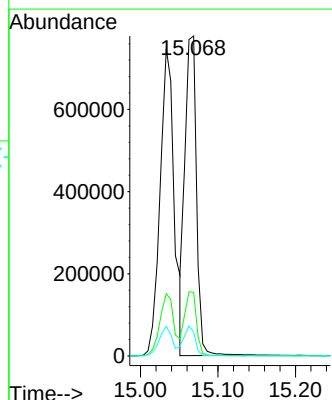
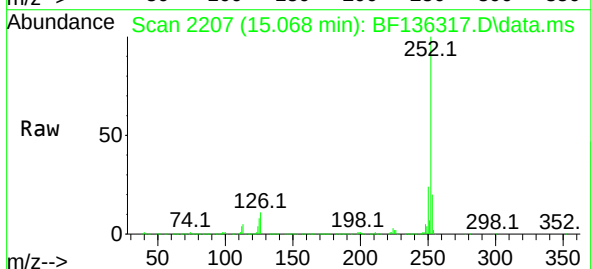
Tgt Ion:252 Resp: 809087

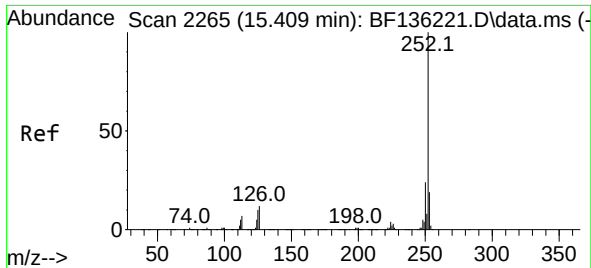
Ion Ratio Lower Upper

252 100

253 19.9 15.6 23.4

125 7.5 7.0 10.4





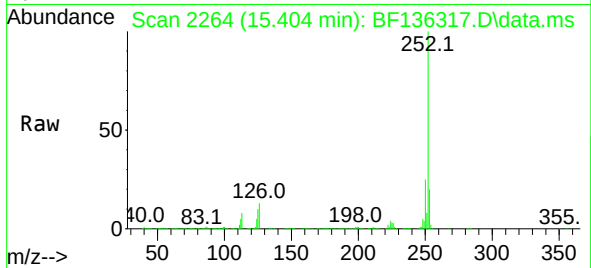
#90
Benzo(a)pyrene
Concen: 45.807 ng
RT: 15.404 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

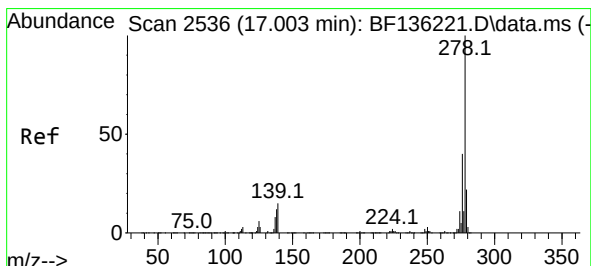
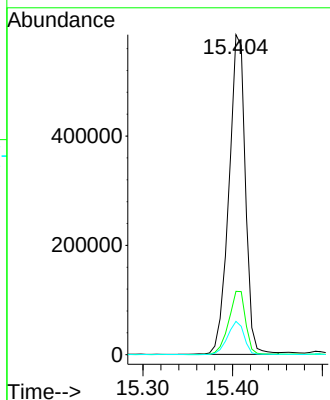
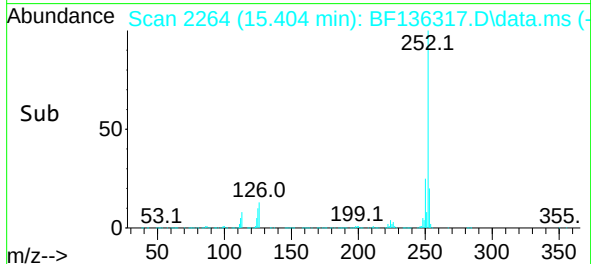


Tgt Ion:252 Resp: 745028
Ion Ratio Lower Upper
252 100
253 19.8 15.5 23.3
125 10.4 7.9 11.9

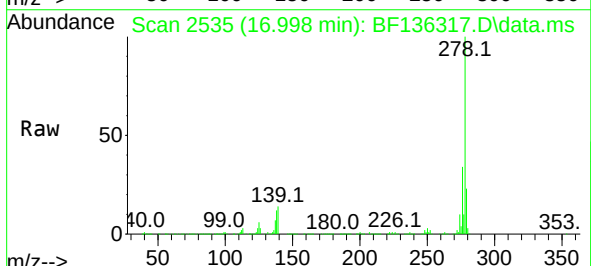
Manual Integrations

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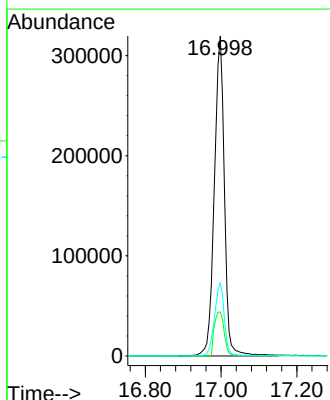
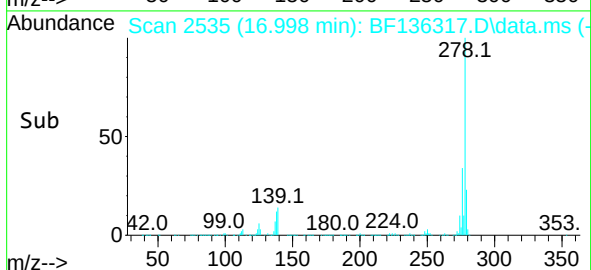
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

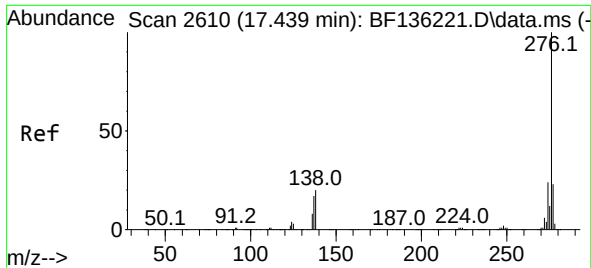


#91
Dibenzo(a,h)anthracene
Concen: 35.421 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BF136317.D
Acq: 30 Nov 2023 17:00



Tgt Ion:278 Resp: 589790
Ion Ratio Lower Upper
278 100
139 13.8 11.7 17.5
279 22.8 17.8 26.8





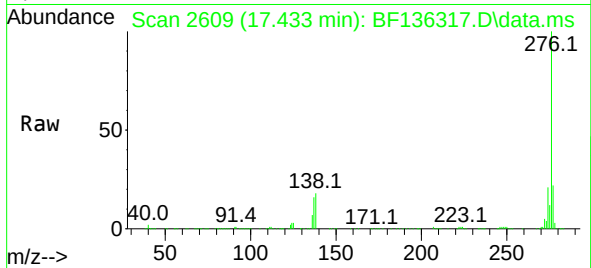
#92
 Benzo(g,h,i)perylene
 Concen: 30.310 ng
 RT: 17.433 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF136317.D
 Acq: 30 Nov 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TP-1MSD



Tgt Ion:276 Resp: 50500
 Ion Ratio Lower Upper
 276 100
 277 21.9 18.6 27.8
 138 18.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023

