

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136070.D
 Acq On : 01 Nov 2023 11:51
 Operator : CG\JU
 Sample : PB156691BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156691BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 22:37:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	143089	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	591757	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	309384	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	565792	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	290118	20.000	ng	0.00
86) Perylene-d12	15.510	264	274421	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1187640	130.427	ng	0.02
7) Phenol-d6	6.469	99	1492827	131.581	ng	0.01
23) Nitrobenzene-d5	7.393	82	904725	92.165	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	460010	139.300	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1655354	85.292	ng	0.00
79) Terphenyl-d14	12.963	244	1868875	100.107	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	163300	41.184	ng	99
3) Pyridine	3.422	79	365010	33.726	ng	99
4) n-Nitrosodimethylamine	3.393	42	201994	44.639	ng	97
6) Aniline	6.493	93	522947	35.602	ng	98
8) 2-Chlorophenol	6.610	128	478670	49.169	ng	99
9) Benzaldehyde	6.375	77	137602	21.751	ng	96
10) Phenol	6.481	94	556734m	47.444	ng	
11) bis(2-Chloroethyl)ether	6.569	93	438814	47.767	ng	99
12) 1,3-Dichlorobenzene	6.769	146	484964	47.863	ng	98
13) 1,4-Dichlorobenzene	6.845	146	490986	48.353	ng	98
14) 1,2-Dichlorobenzene	6.998	146	470115	49.513	ng	99
15) Benzyl Alcohol	6.969	79	388931	48.348	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	611848	48.388	ng	99
17) 2-Methylphenol	7.081	107	373825	45.265	ng	97
18) Hexachloroethane	7.340	117	175236	49.100	ng	92
19) n-Nitroso-di-n-propyla...	7.245	70	302961	46.736	ng	97
20) 3+4-Methylphenols	7.234	107	444836	44.172	ng	93
22) Acetophenone	7.240	105	607743	46.315	ng	# 91
24) Nitrobenzene	7.410	77	456085	45.932	ng	95
25) Isophorone	7.651	82	865885	46.723	ng	99
26) 2-Nitrophenol	7.728	139	239988	52.974	ng	96
27) 2,4-Dimethylphenol	7.763	122	410371	47.936	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	532131	46.864	ng	99
29) 2,4-Dichlorophenol	7.969	162	387437	48.007	ng	98
30) 1,2,4-Trichlorobenzene	8.051	180	417306	47.400	ng	99
31) Naphthalene	8.134	128	1315098	46.086	ng	99
32) Benzoic acid	7.892	122	324638	47.408	ng	97
33) 4-Chloroaniline	8.181	127	394543	31.572	ng	97
34) Hexachlorobutadiene	8.245	225	241709	47.873	ng	99
35) Caprolactam	8.557	113	134240m	51.154	ng	
36) 4-Chloro-3-methylphenol	8.663	107	406134	47.934	ng	99
37) 2-Methylnaphthalene	8.822	142	862477	45.076	ng	99
38) 1-Methylnaphthalene	8.922	142	802672	45.079	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	405066	45.908	ng	99
41) Hexachlorocyclopentadiene	8.975	237	480913	102.021	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	278462	48.403	ng	97

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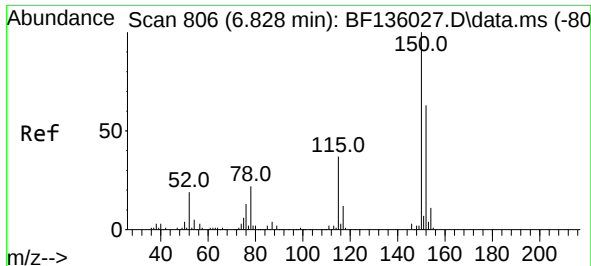
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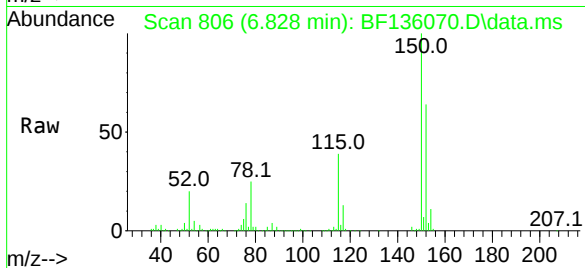
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	303008	45.469	ng	98
46) 1,1'-Biphenyl	9.292	154	1079382	45.766	ng	99
47) 2-Chloronaphthalene	9.316	162	813896	46.811	ng	99
48) 2-Nitroaniline	9.410	65	249429	48.475	ng	97
49) Acenaphthylene	9.734	152	1248463	46.028	ng	99
50) Dimethylphthalate	9.598	163	952993	46.698	ng	100
51) 2,6-Dinitrotoluene	9.657	165	217748	49.888	ng	97
52) Acenaphthene	9.904	154	786912	45.637	ng	100
53) 3-Nitroaniline	9.822	138	203012	39.862	ng	93
54) 2,4-Dinitrophenol	9.934	184	225781	93.905	ng	96
55) Dibenzofuran	10.075	168	1144169	45.507	ng	97
56) 4-Nitrophenol	9.986	139	365917	96.053	ng	87
57) 2,4-Dinitrotoluene	10.063	165	282931	51.233	ng	94
58) Fluorene	10.422	166	853000	45.312	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	256267	48.369	ng	100
60) Diethylphthalate	10.298	149	913017	46.824	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	422377	44.949	ng	98
62) 4-Nitroaniline	10.445	138	222950	45.463	ng	97
63) Azobenzene	10.575	77	865083	46.068	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	155017	49.639	ng	81
66) n-Nitrosodiphenylamine	10.533	169	800889	46.924	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	283319	47.762	ng	# 92
68) Hexachlorobenzene	10.969	284	320333	50.562	ng	95
69) Atrazine	11.063	200	181068	38.991	ng	97
70) Pentachlorophenol	11.163	266	352187	86.559	ng	99
71) Phenanthrene	11.386	178	1318090	46.269	ng	99
72) Anthracene	11.439	178	1354516	46.401	ng	100
73) Carbazole	11.592	167	1177849	46.432	ng	99
74) Di-n-butylphthalate	11.933	149	1362182	46.995	ng	99
75) Fluoranthene	12.580	202	1310021	44.763	ng	99
77) Benzidine	12.704	184	358392	63.380	ng	98
78) Pyrene	12.810	202	1314221	51.380	ng	100
80) Butylbenzylphthalate	13.439	149	466275	50.927	ng	99
81) Benzo(a)anthracene	14.010	228	900609	46.890	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	288122	47.000	ng	98
83) Chrysene	14.045	228	873113	46.159	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	532049	49.878	ng	98
85) Di-n-octyl phthalate	14.627	149	829334	51.899	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	998694	55.684	ng	99
88) Benzo(b)fluoranthene	15.068	252	816233	50.267	ng	99
89) Benzo(k)fluoranthene	15.104	252	729312	45.393	ng	99
90) Benzo(a)pyrene	15.445	252	698222	46.278	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	823402	56.047	ng	98
92) Benzo(g,h,i)perylene	17.498	276	840738	50.129	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF136070.D
 Acq: 01 Nov 2023 11:51

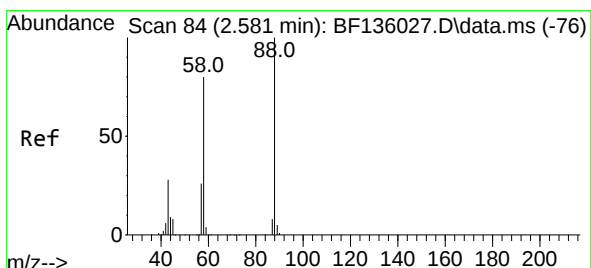
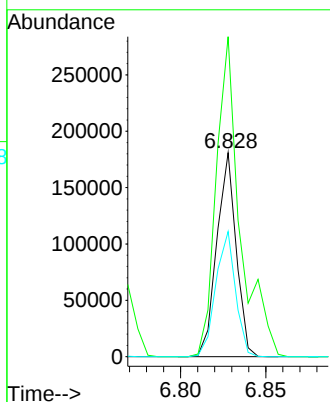
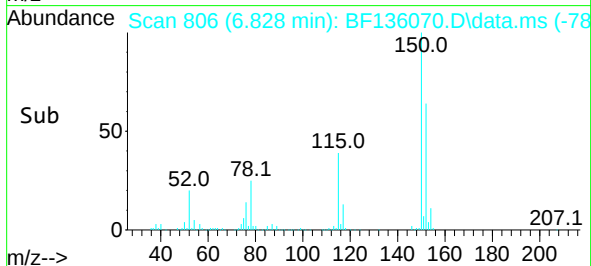
Instrument :
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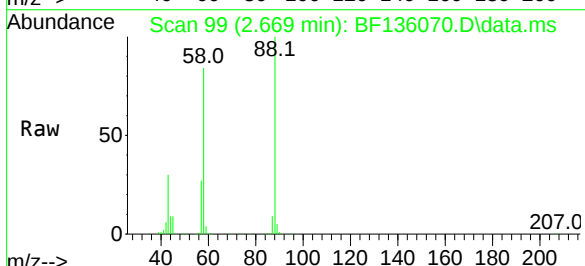
Tgt Ion:152 Resp: 143089
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.4 189.6
 115 61.3 47.0 70.4

Manual Integrations
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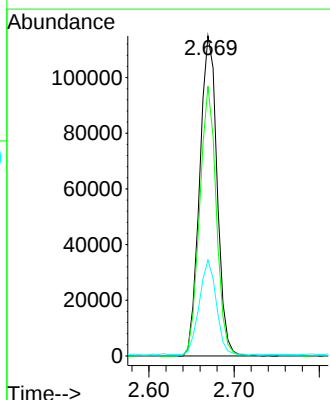
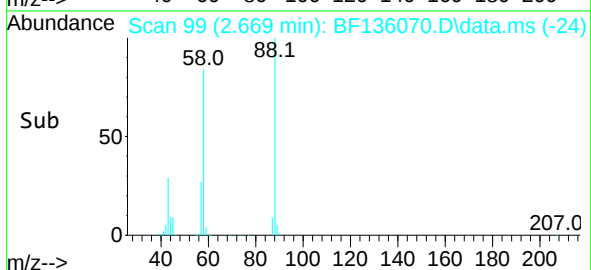
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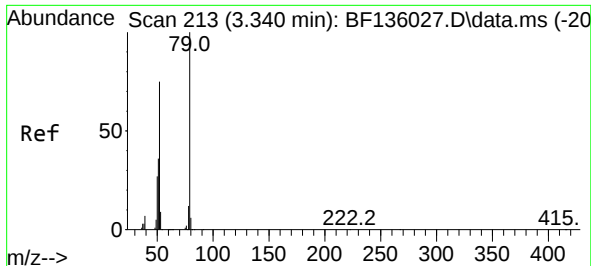


#2
 1,4-Dioxane
 Concen: 41.184 ng
 RT: 2.669 min Scan# 99
 Delta R.T. 0.088 min
 Lab File: BF136070.D
 Acq: 01 Nov 2023 11:51



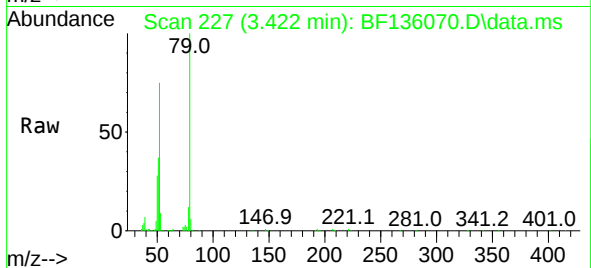
Tgt Ion: 88 Resp: 163300
 Ion Ratio Lower Upper
 88 100
 58 80.5 64.3 96.5
 43 29.1 22.3 33.5





#3
Pyridine
Concen: 33.726 ng
RT: 3.422 min Scan# 213
Delta R.T. 0.083 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

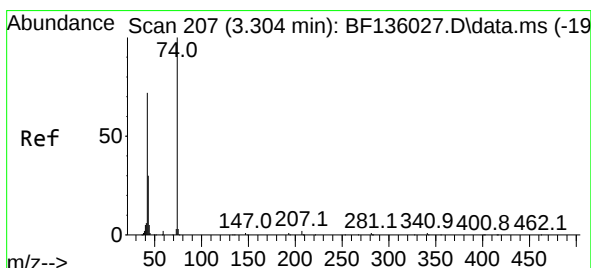
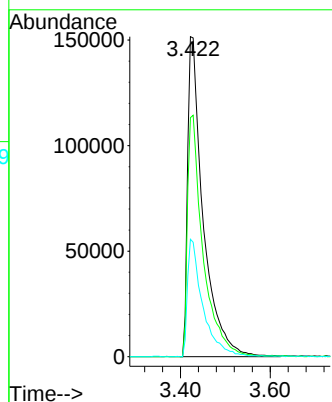
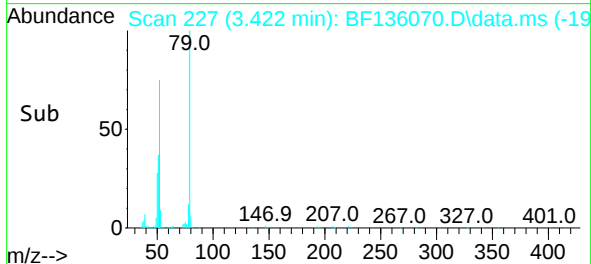
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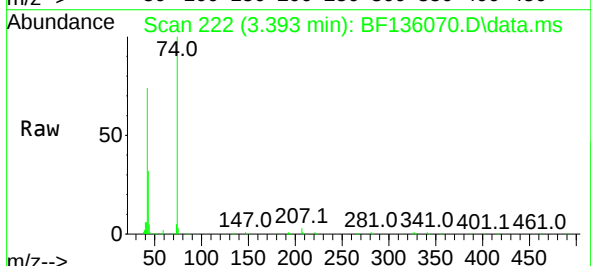
Tgt Ion: 79 Resp: 365010
Ion Ratio Lower Upper
79 100
52 74.7 60.3 90.5
51 36.7 29.3 43.9

Manual Integrations
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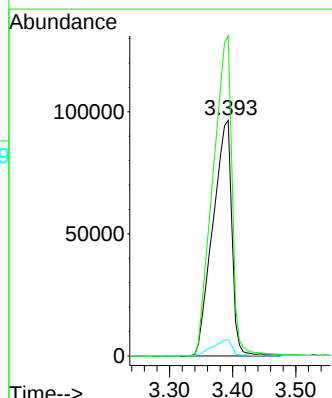
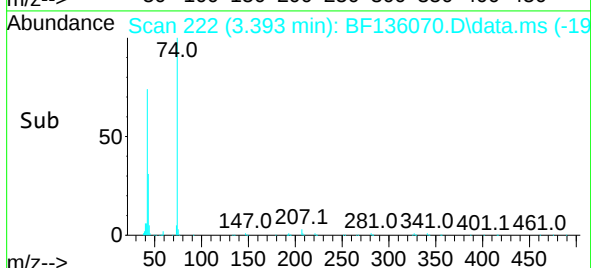
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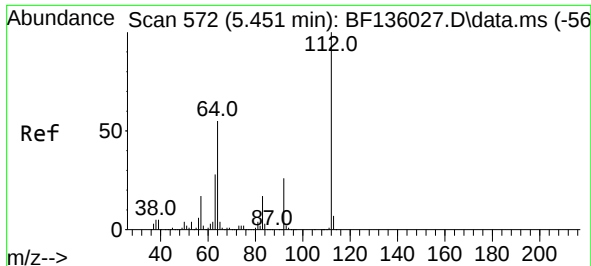


#4
n-Nitrosodimethylamine
Concen: 44.639 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



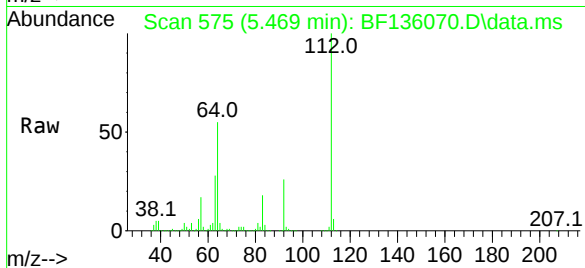
Tgt Ion: 42 Resp: 201994
Ion Ratio Lower Upper
42 100
74 135.8 111.8 167.6
44 6.7 6.2 9.4





#5
2-Fluorophenol
Concen: 130.427 ng
RT: 5.469 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

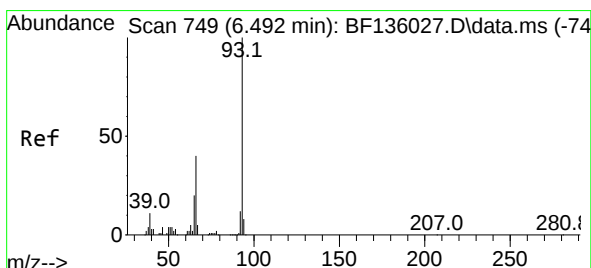
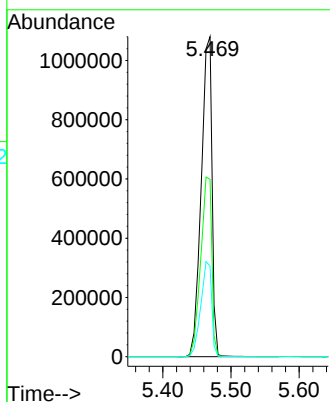
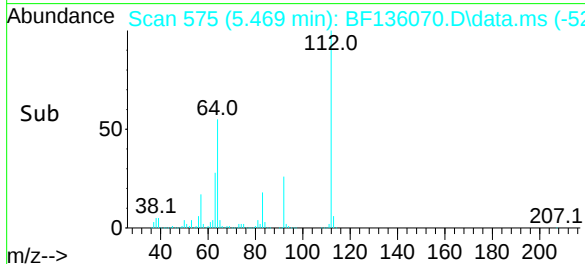
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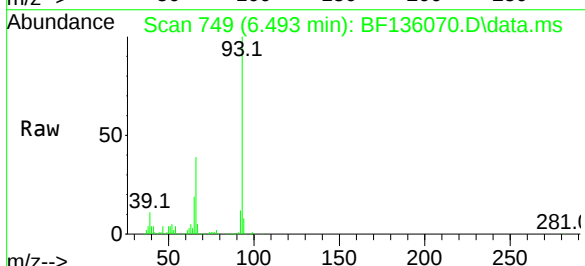
Tgt Ion:112 Resp: 1187640
Ion Ratio Lower Upper
112 100
64 55.4 43.9 65.9
63 28.3 22.4 33.6

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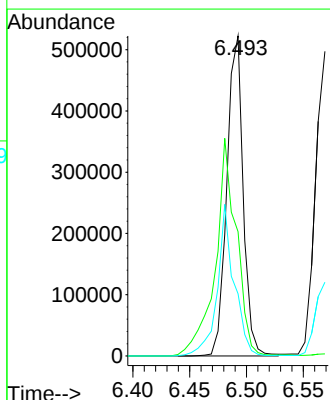
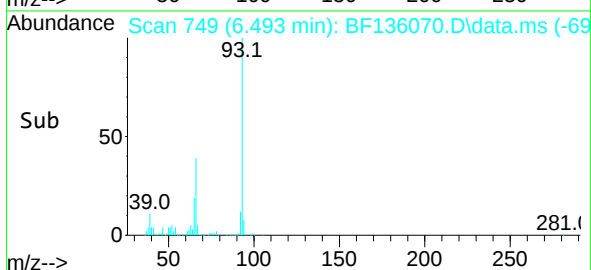
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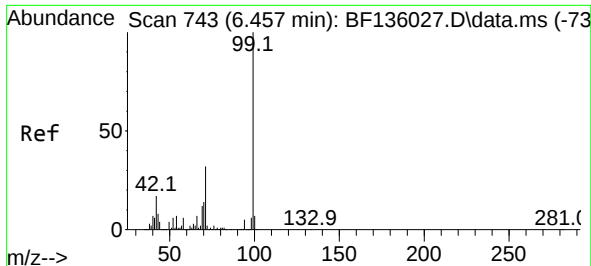


#6
Aniline
Concen: 35.602 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



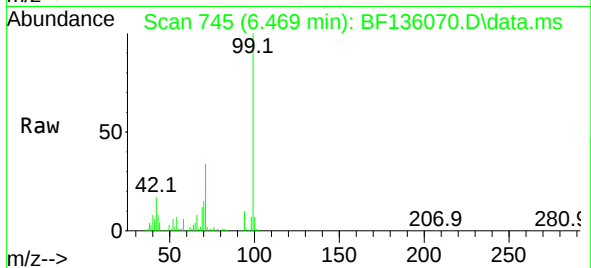
Tgt Ion: 93 Resp: 522947
Ion Ratio Lower Upper
93 100
66 38.8 32.4 48.6
65 19.4 16.2 24.2





#7
Phenol-d6
Concen: 131.581 ng
RT: 6.469 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

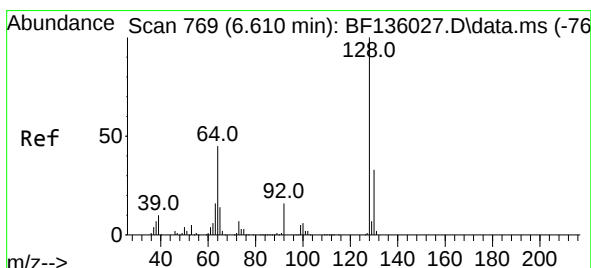
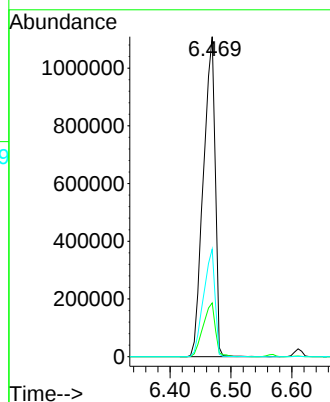
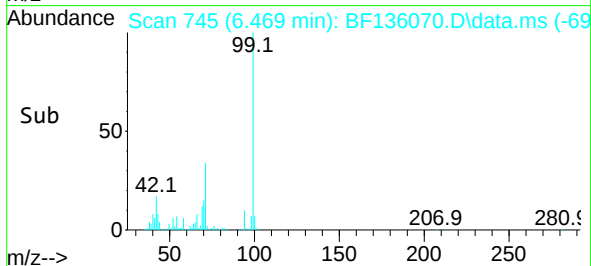
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 149282
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 33.6 25.9 38.9

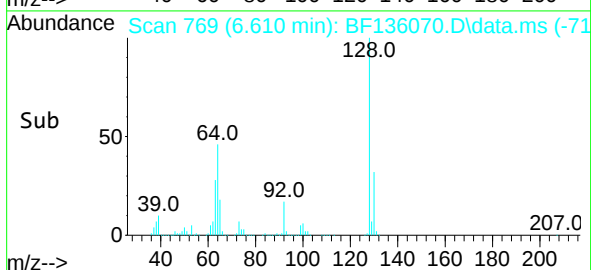
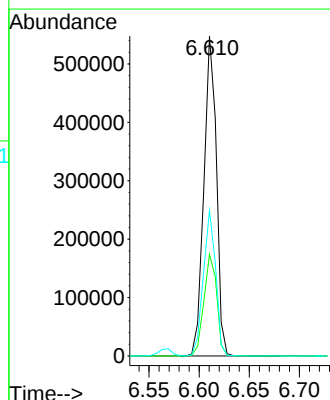
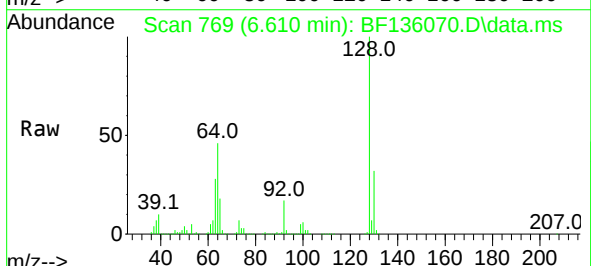
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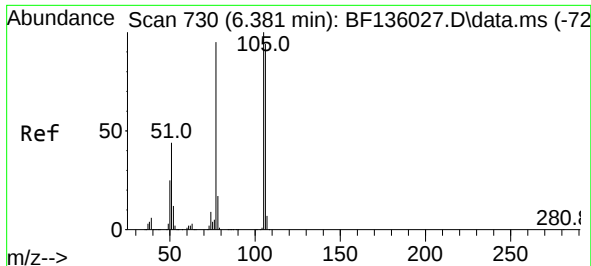
Reviewed By :Yogesh Patel 11/02/2023
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#8
2-Chlorophenol
Concen: 49.169 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

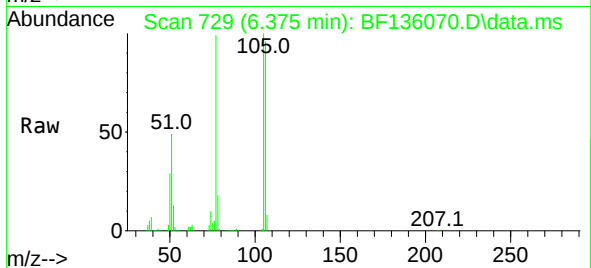
Tgt Ion:128 Resp: 478670
Ion Ratio Lower Upper
128 100
130 31.8 12.8 52.8
64 45.5 25.8 65.8





#9
Benzaldehyde
Concen: 21.751 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

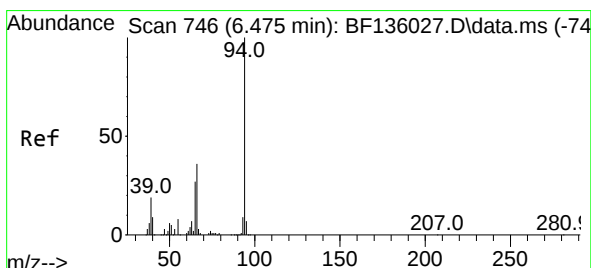
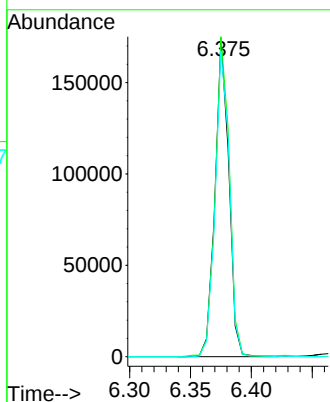
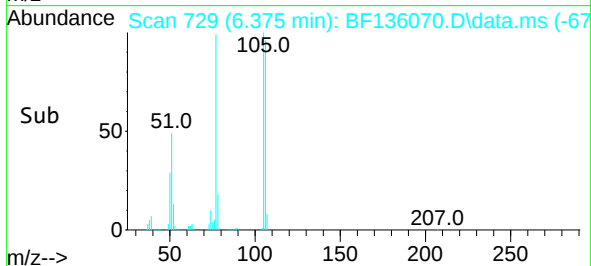
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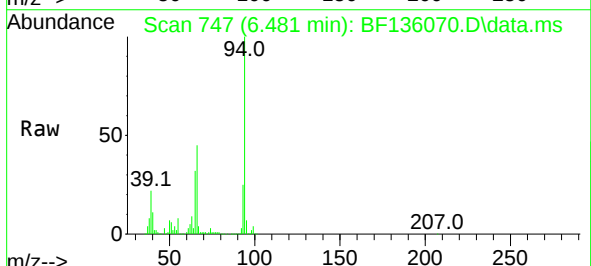
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Ion Ratio Lower Upper
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106 96.5 79.8 119.8

Manual Integrations
APPROVED

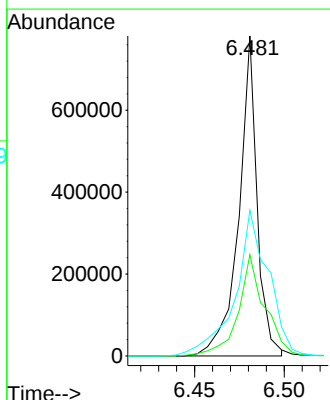
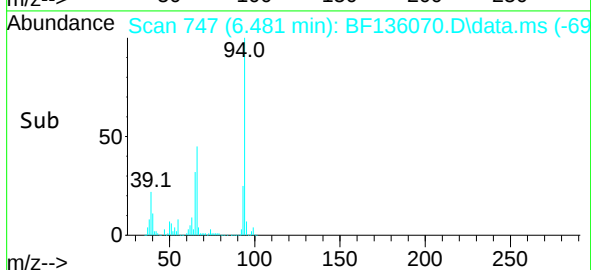
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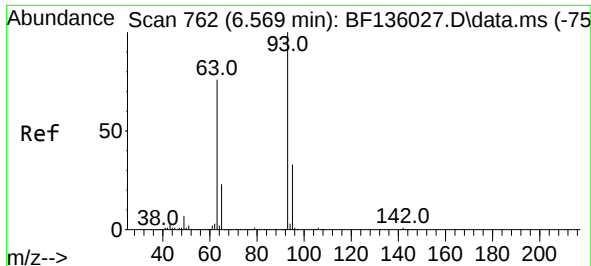


#10
Phenol
Concen: 47.444 ng m
RT: 6.481 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



Tgt Ion: 94 Resp: 556734
Ion Ratio Lower Upper
94 100
65 31.6 7.5 47.5
66 45.5 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 47.767 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

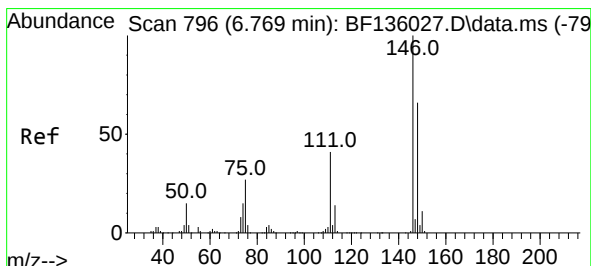
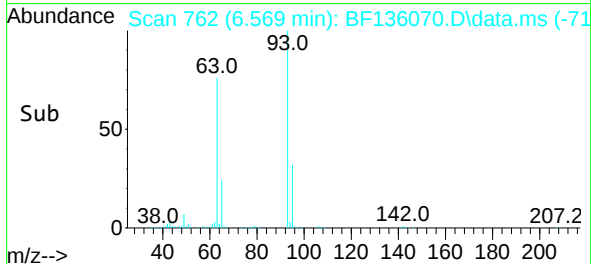
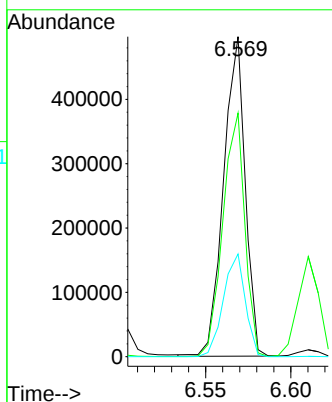
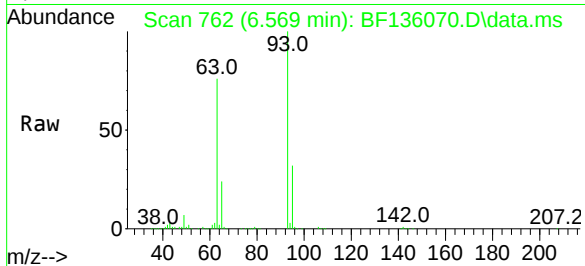
ClientSampleId :

PB156691BS

Tgt Ion: 93 Resp: 438814
Ion Ratio Lower Upper
93 100
63 76.1 55.8 95.8
95 32.1 12.9 52.9

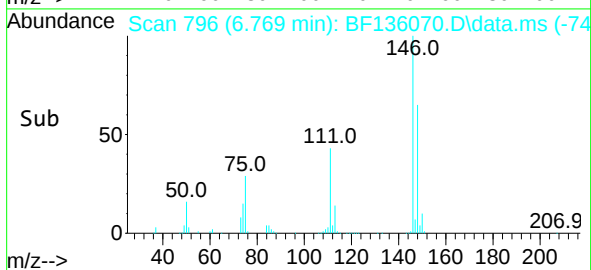
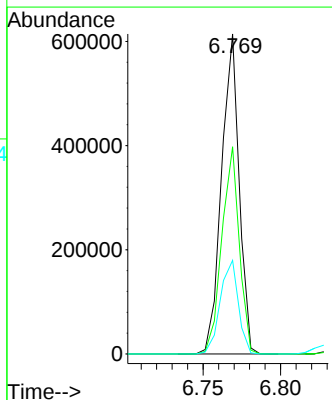
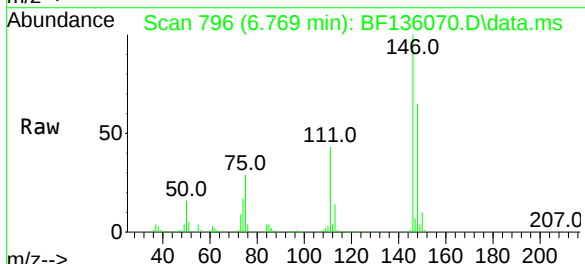
Manual Integrations
APPROVED

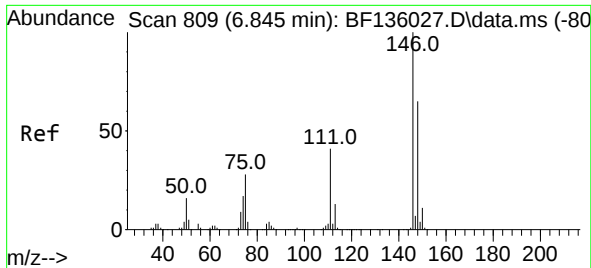
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#12
1,3-Dichlorobenzene
Concen: 47.863 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Tgt Ion:146 Resp: 484964
Ion Ratio Lower Upper
146 100
148 64.7 52.6 78.8
75 29.3 21.6 32.4





#13
1,4-Dichlorobenzene
Concen: 48.353 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

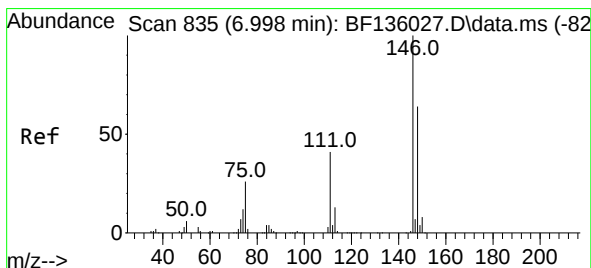
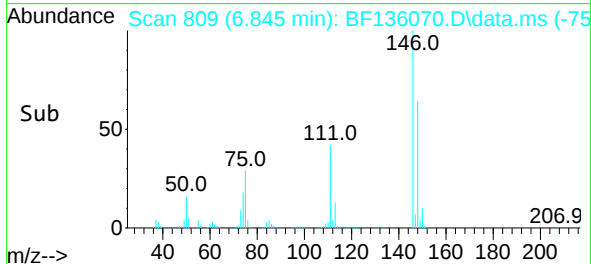
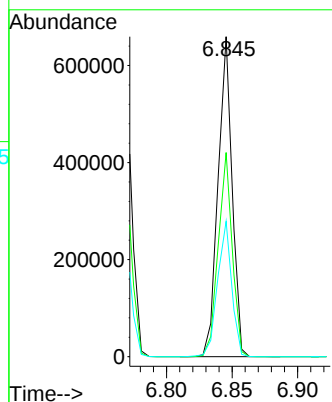
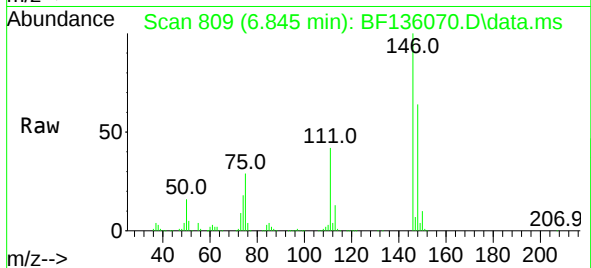
ClientSampleId :

PB156691BS

Tgt Ion:146 Resp: 490980
Ion Ratio Lower Upper
146 100
148 63.8 52.1 78.1
111 42.3 32.6 48.8

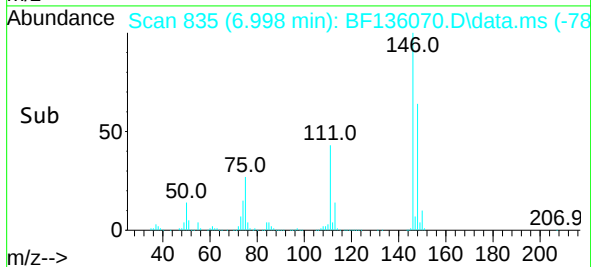
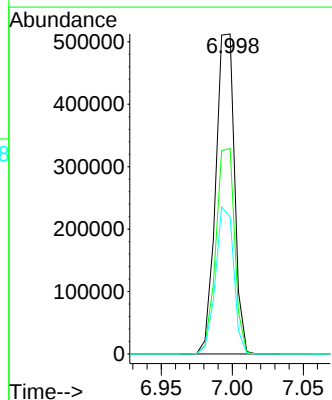
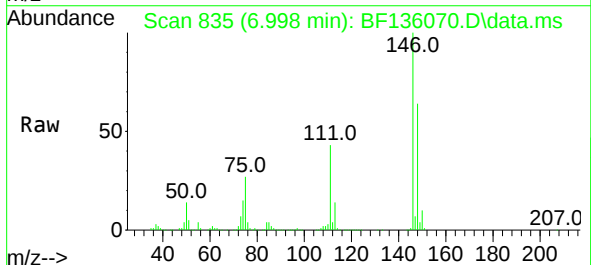
Manual Integrations
APPROVED

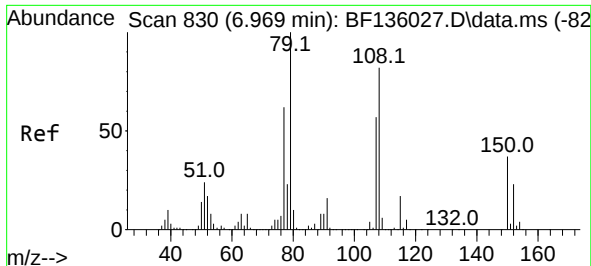
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#14
1,2-Dichlorobenzene
Concen: 49.513 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Tgt Ion:146 Resp: 470115
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 42.8 33.0 49.4





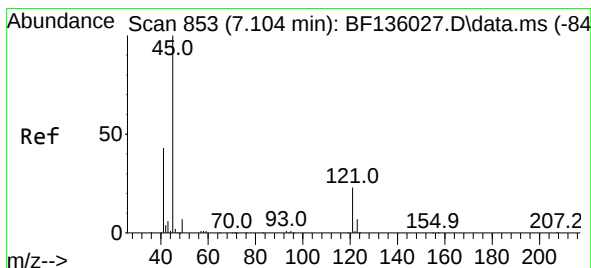
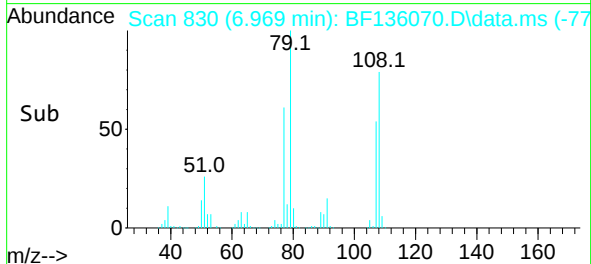
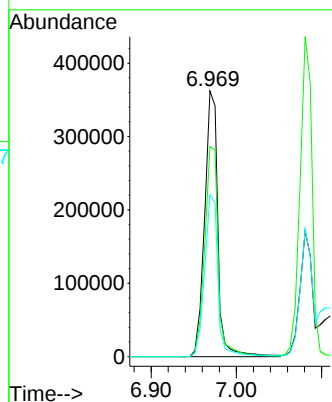
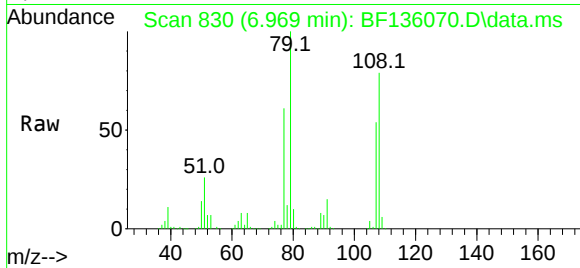
#15
Benzyl Alcohol
Concen: 48.348 ng
RT: 6.969 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :
BNA_F
ClientSampleId :
PB156691BS

Tgt Ion: 79 Resp: 38893
Ion Ratio Lower Upper
79 100
108 79.1 65.9 98.9
77 61.0 49.4 74.2

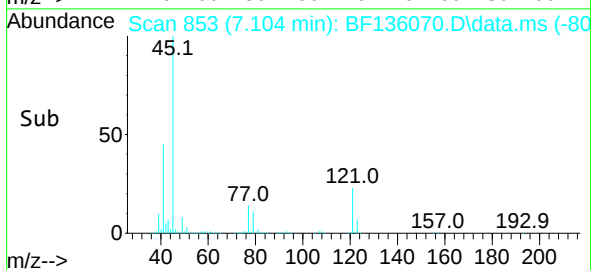
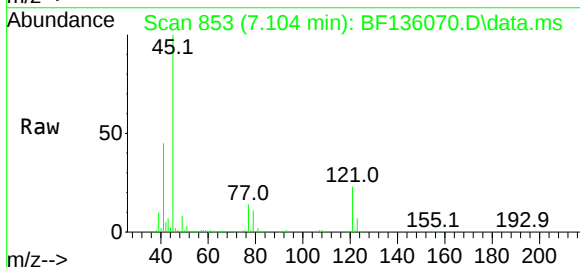
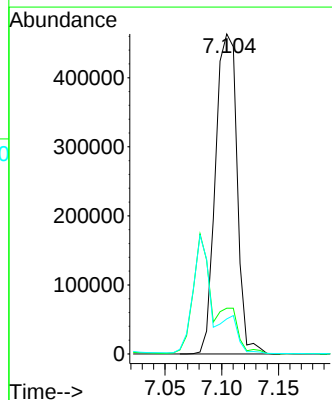
Manual Integrations
APPROVED

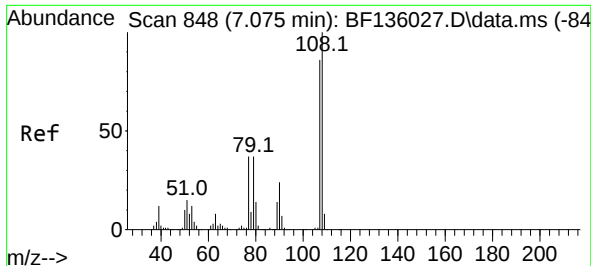
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.388 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Tgt Ion: 45 Resp: 611848
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.6
79 10.9 0.0 30.6





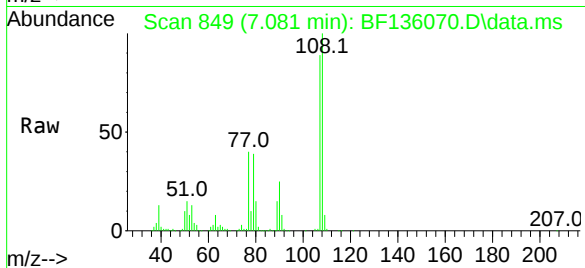
#17
2-Methylphenol
Concen: 45.265 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

PB156691BS

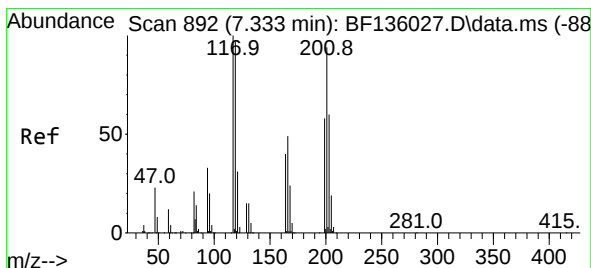
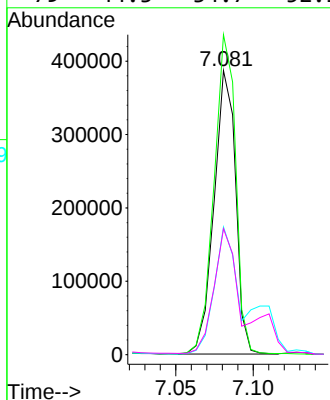
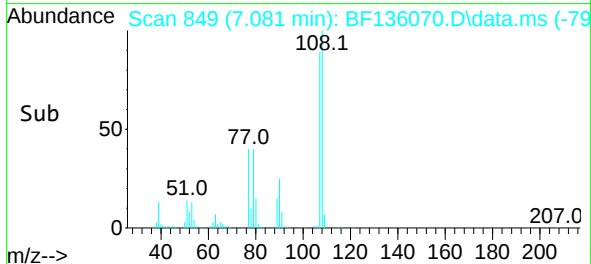


Tgt Ion:107 Resp: 373825
Ion Ratio Lower Upper
107 100
108 112.6 93.4 140.2
77 44.9 34.4 51.6
79 44.3 34.7 52.1

Manual Integrations

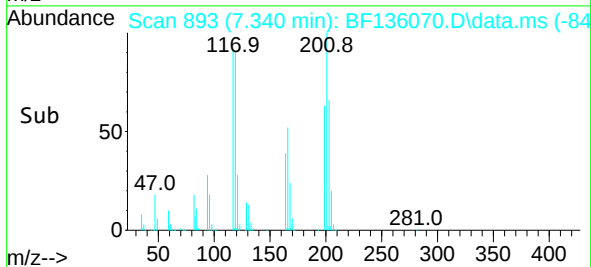
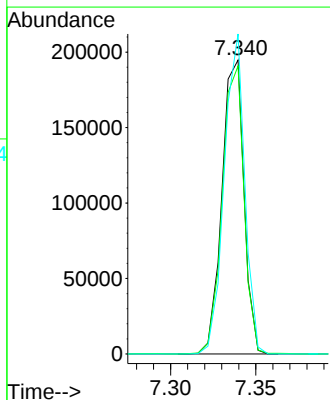
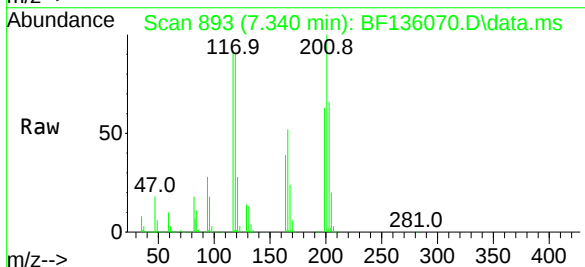
APPROVED

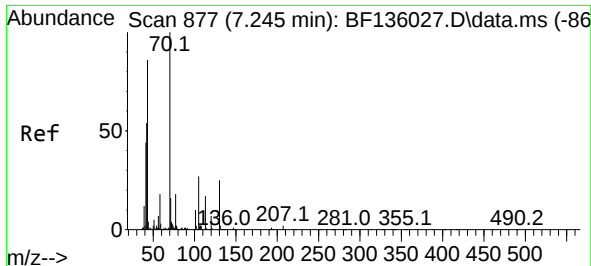
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#18
Hexachloroethane
Concen: 49.100 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

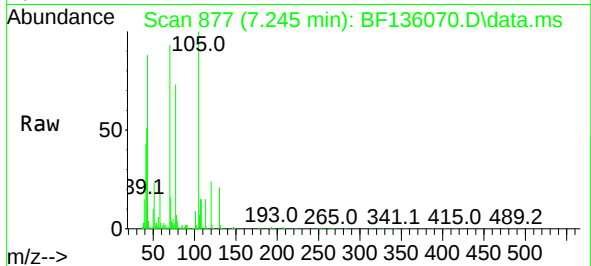
Tgt Ion:117 Resp: 175236
Ion Ratio Lower Upper
117 100
119 98.0 77.7 116.5
201 108.9 75.0 112.6





#19
n-Nitroso-di-n-propylamine
Concen: 46.736 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

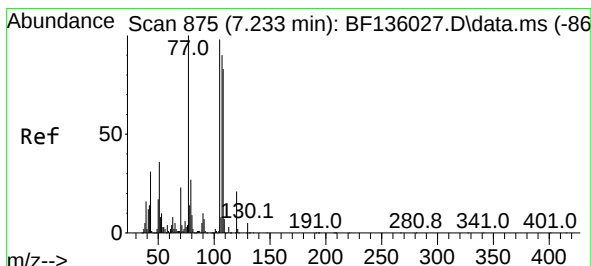
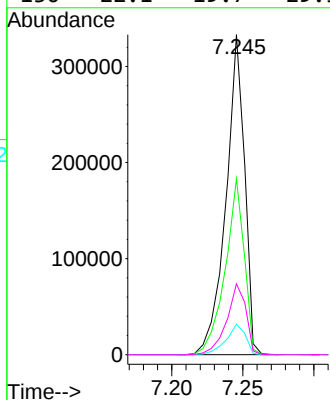
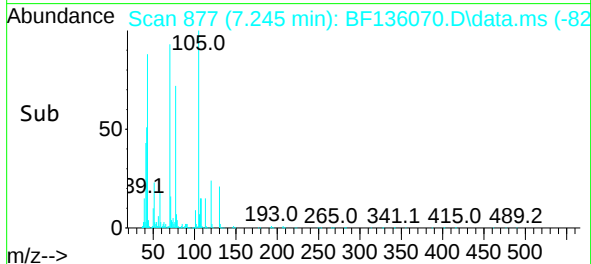
Instrument :
BNA_F
ClientSampleId :
PB156691BS



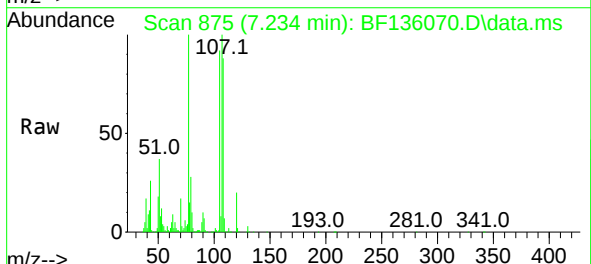
Tgt Ion: 70 Resp: 30296
Ion Ratio Lower Upper
70 100
42 55.0 43.0 64.4
101 9.5 8.0 12.0
130 22.1 19.7 29.5

Manual Integrations
APPROVED

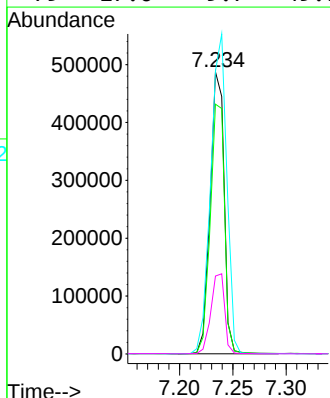
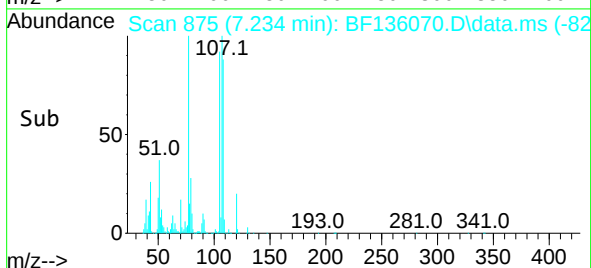
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

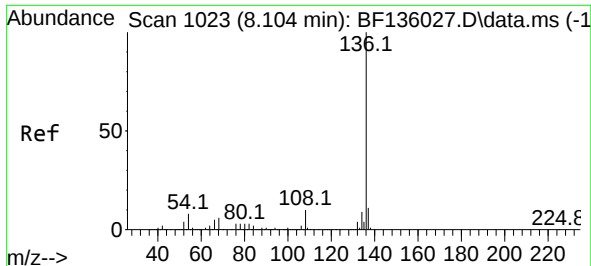


#20
3+4-Methylphenols
Concen: 44.172 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



Tgt Ion:107 Resp: 444836
Ion Ratio Lower Upper
107 100
108 88.5 72.3 112.3
77 100.3 91.4 131.4
79 27.6 9.7 49.7





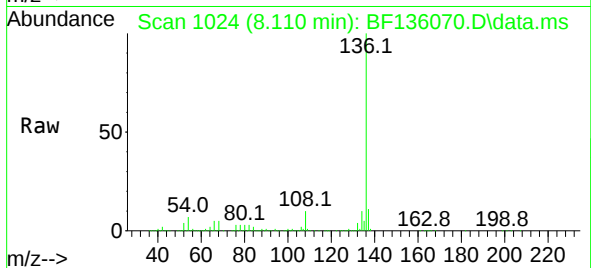
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

PB156691BS

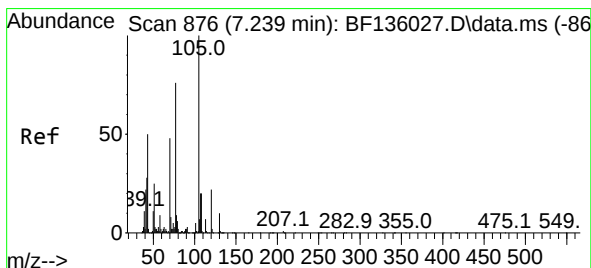
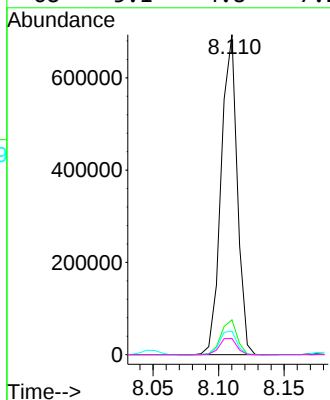
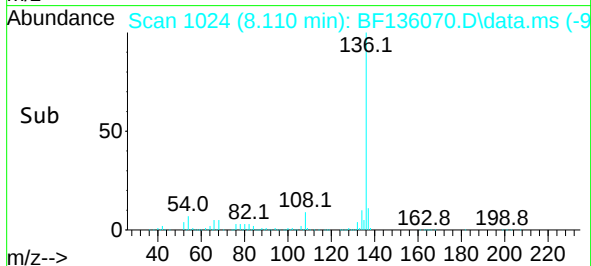


Tgt Ion:136 Resp: 59175
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.3 6.6 9.8
68 5.1 4.8 7.2

Manual Integrations

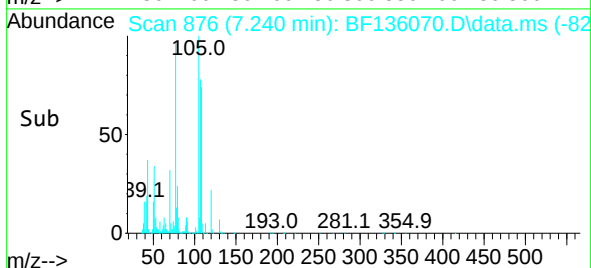
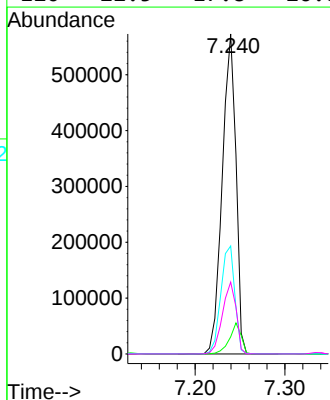
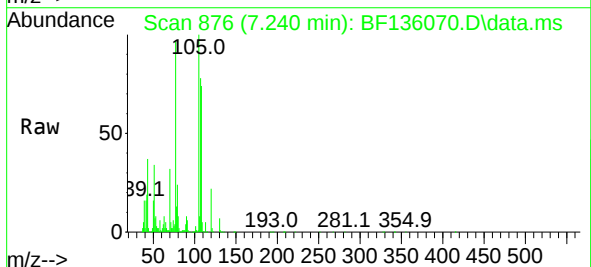
APPROVED

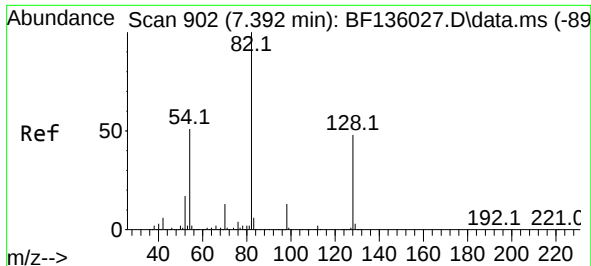
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#22
Acetophenone
Concen: 46.315 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Tgt Ion:105 Resp: 607743
Ion Ratio Lower Upper
105 100
71 5.4 6.5 9.7#
51 33.8 20.3 30.5#
120 22.5 17.8 26.8





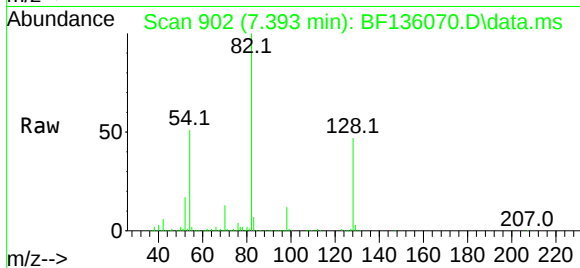
#23
Nitrobenzene-d5
Concen: 92.165 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

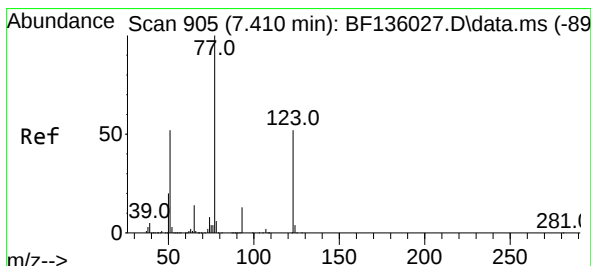
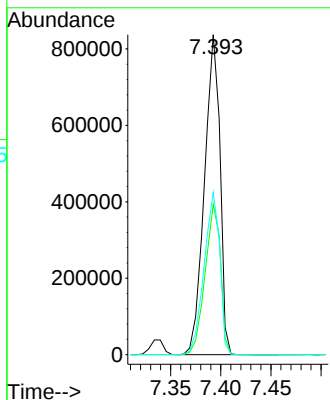
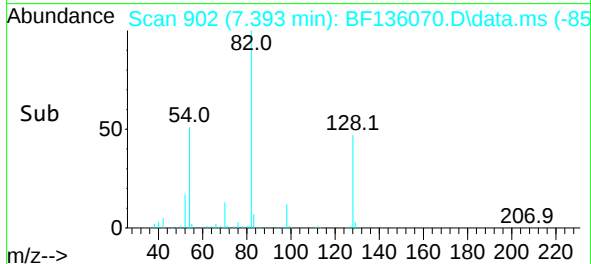
PB156691BS



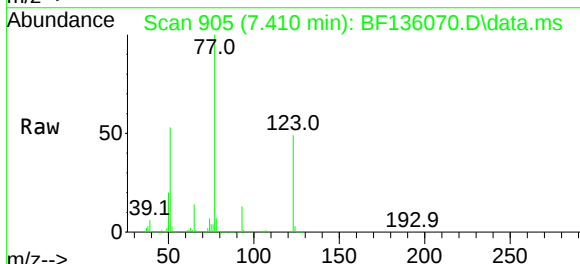
Tgt Ion: 82 Resp: 904725
Ion Ratio Lower Upper
82 100
128 46.9 38.6 57.8
54 50.7 40.8 61.2

Manual Integrations
APPROVED

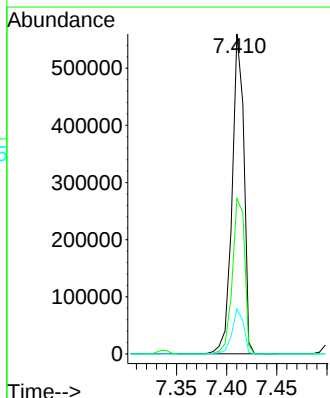
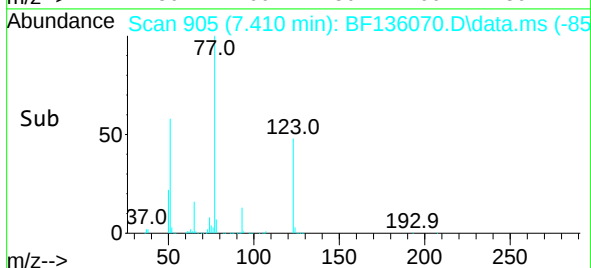
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

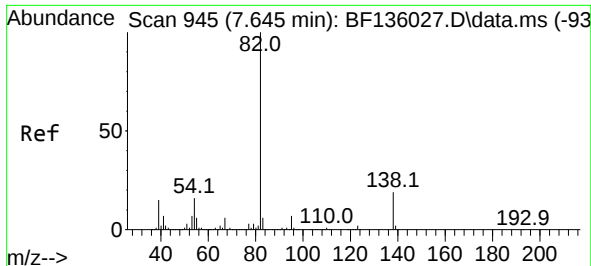


#24
Nitrobenzene
Concen: 45.932 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



Tgt Ion: 77 Resp: 456085
Ion Ratio Lower Upper
77 100
123 48.6 42.3 63.5
65 14.1 11.0 16.6





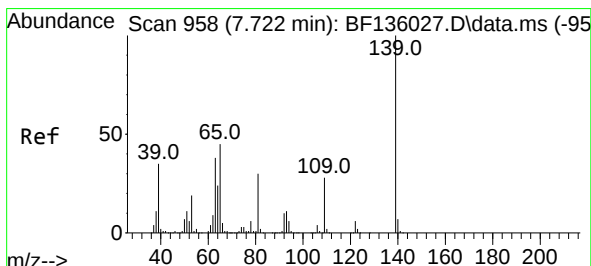
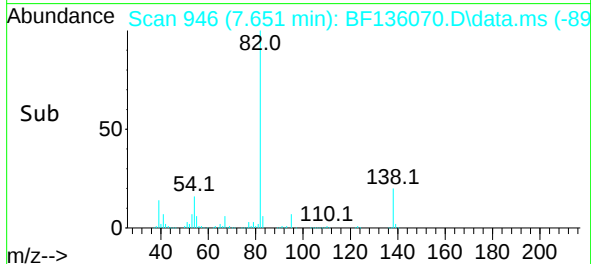
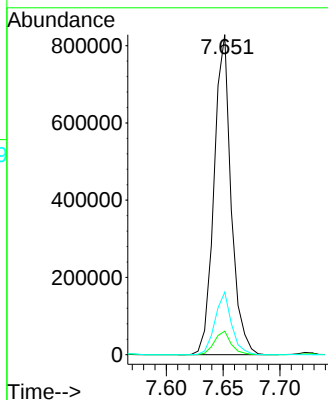
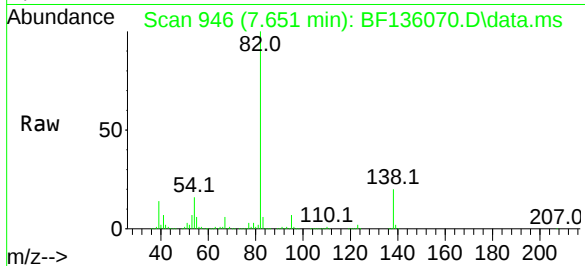
#25
Isophorone
Concen: 46.723 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :
BNA_F
ClientSampleId :
PB156691BS

Tgt Ion: 82 Resp: 86588
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 19.5 15.3 22.9

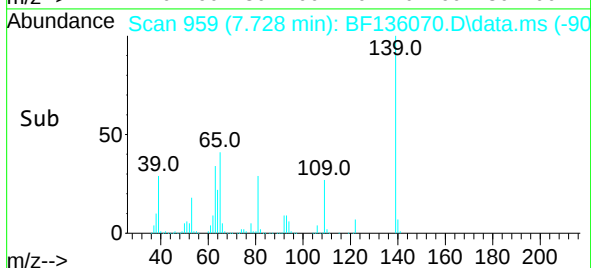
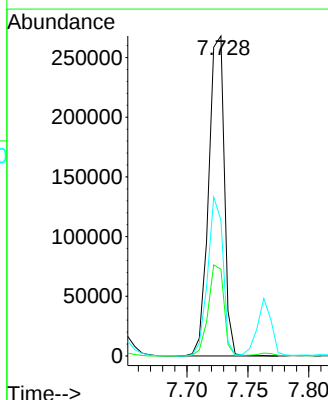
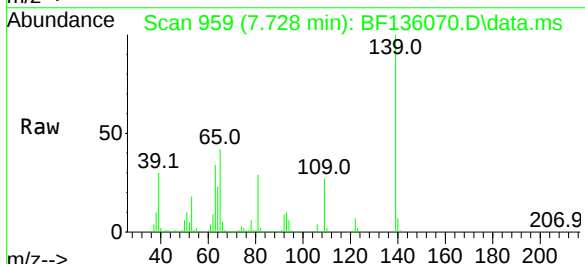
Manual Integrations
APPROVED

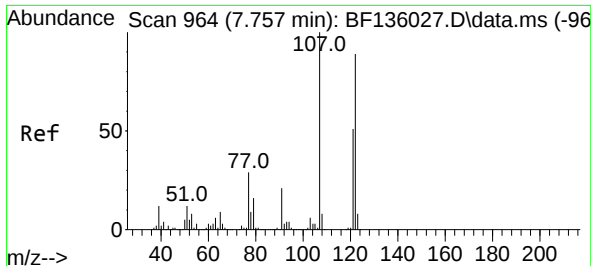
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#26
2-Nitrophenol
Concen: 52.974 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Tgt Ion:139 Resp: 239988
Ion Ratio Lower Upper
139 100
109 27.1 22.6 34.0
65 42.5 36.3 54.5





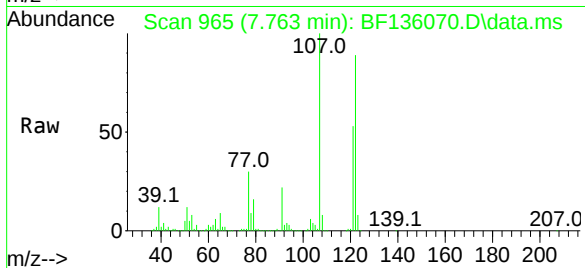
#27
2,4-Dimethylphenol
Concen: 47.936 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

PB156691BS

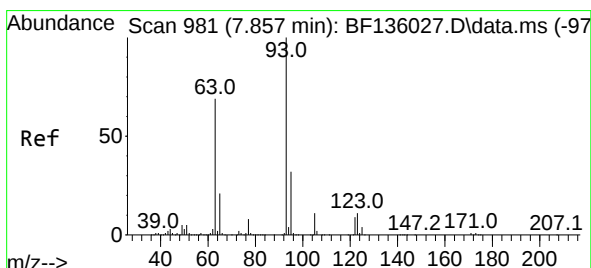
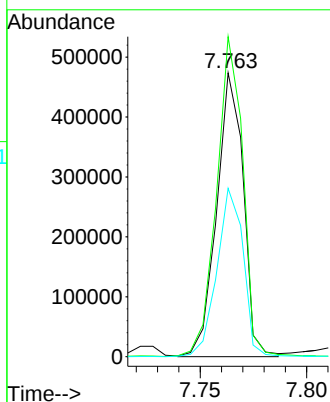
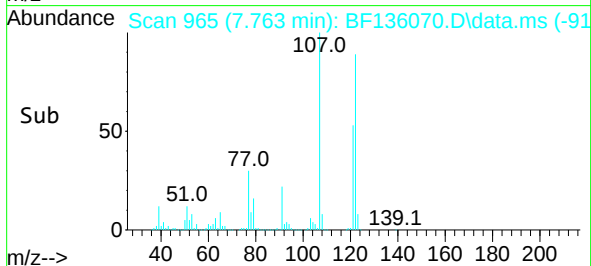


Tgt Ion:122 Resp: 41037
Ion Ratio Lower Upper
122 100
107 112.7 89.6 134.4
121 59.3 46.0 69.0

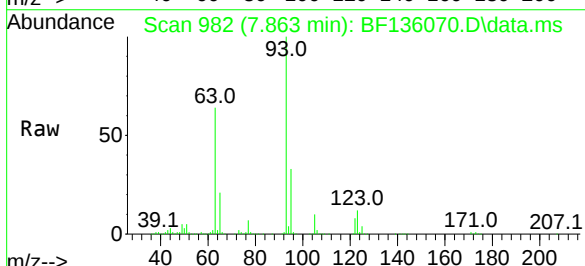
Manual Integrations

APPROVED

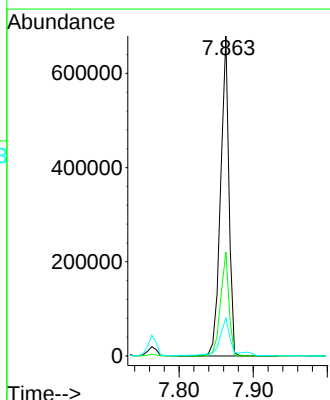
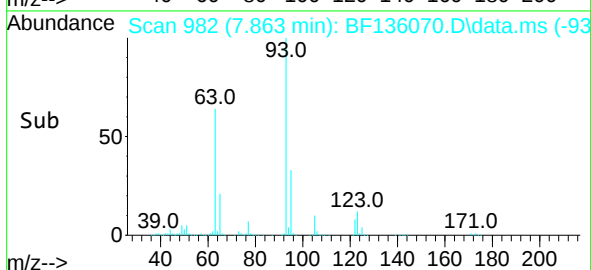
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

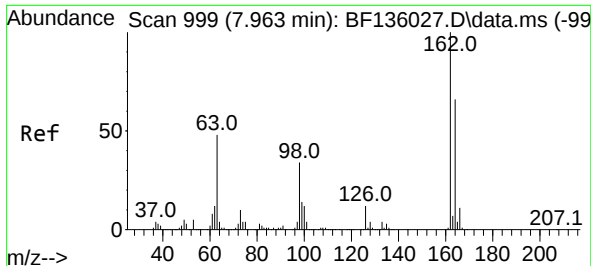


#28
bis(2-Chloroethoxy)methane
Concen: 46.864 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



Tgt Ion: 93 Resp: 532131
Ion Ratio Lower Upper
93 100
95 32.5 25.7 38.5
123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.007 ng

RT: 7.969 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BF136070.D

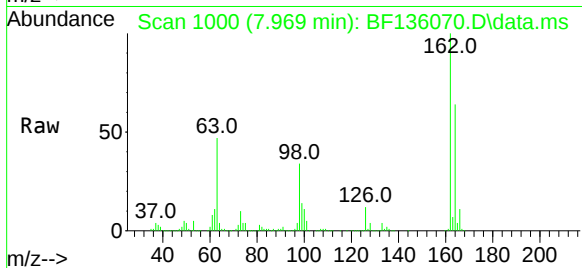
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

PB156691BS



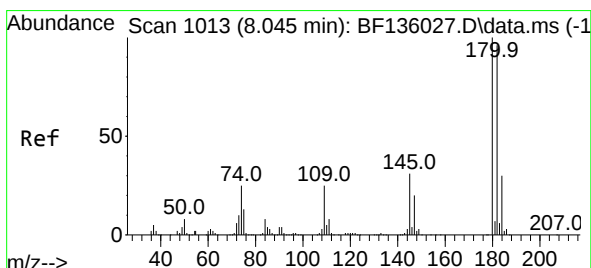
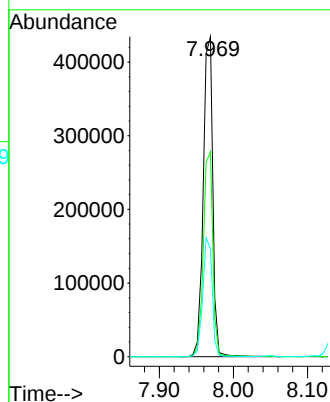
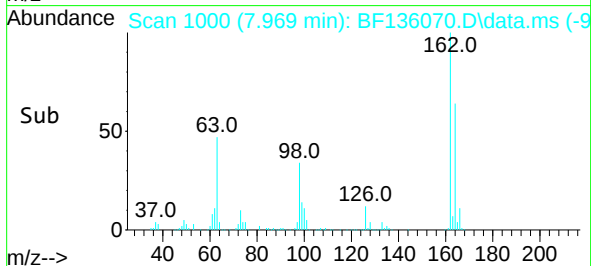
Tgt Ion:	162	Resp:	38743
Ion Ratio	Lower	Upper	
162	100		
164	64.1	45.5	85.5
98	33.7	14.4	54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.400 ng

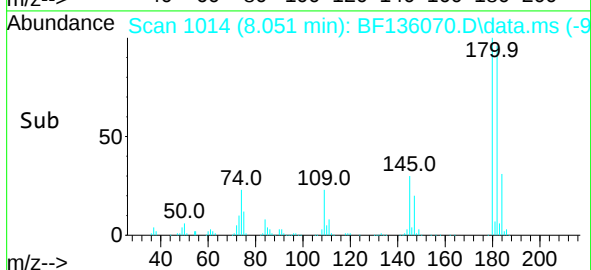
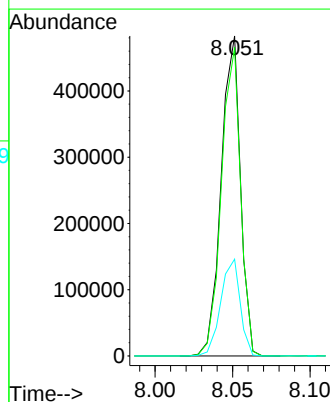
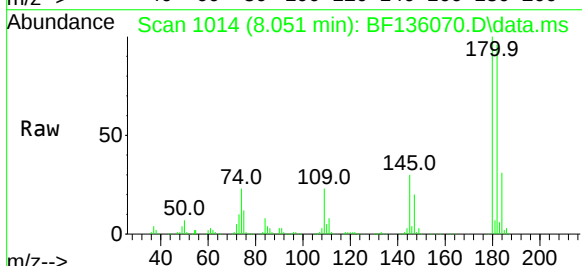
RT: 8.051 min Scan# 1014

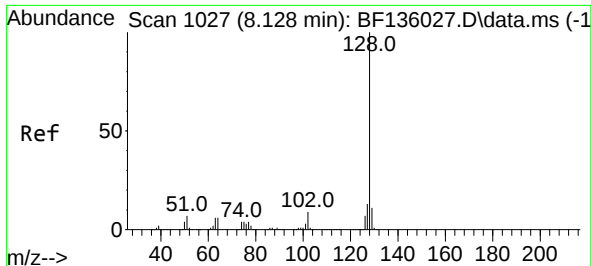
Delta R.T. 0.006 min

Lab File: BF136070.D

Acq: 01 Nov 2023 11:51

Tgt Ion:	180	Resp:	417306
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.9	115.3
145	30.3	24.7	37.1





#31
Naphthalene
Concen: 46.086 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

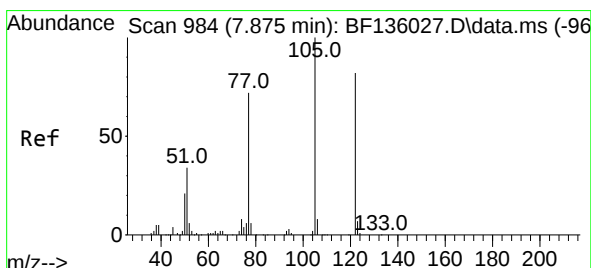
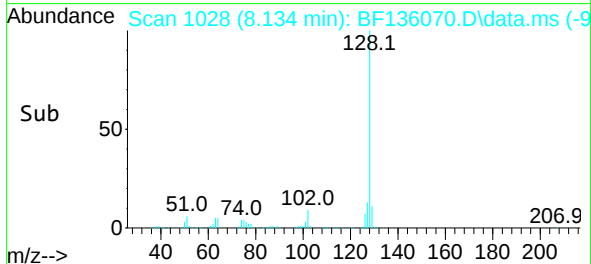
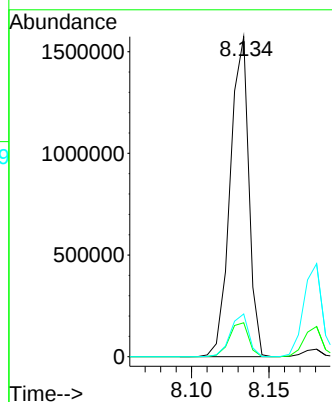
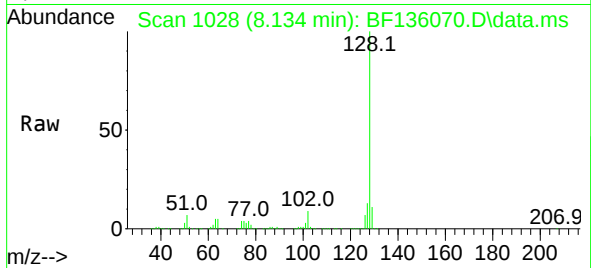
PB156691BS

Tgt Ion:128 Resp: 1315098
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.4 10.5 15.7

Manual Integrations

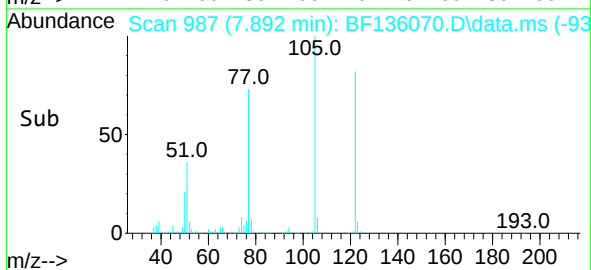
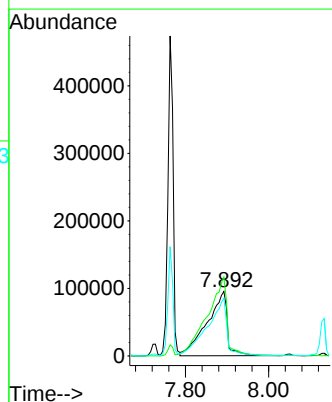
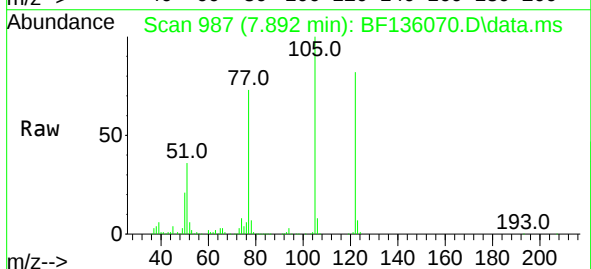
APPROVED

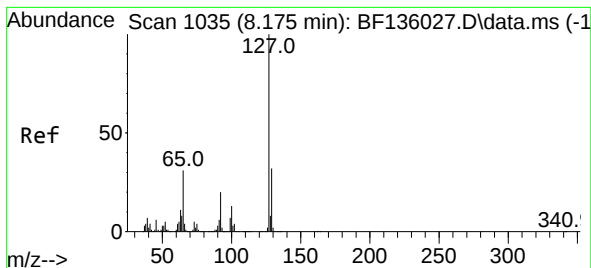
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#32
Benzoic acid
Concen: 47.408 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.017 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Tgt Ion:122 Resp: 324638
Ion Ratio Lower Upper
122 100
105 122.2 99.5 139.5
77 89.3 66.8 106.8





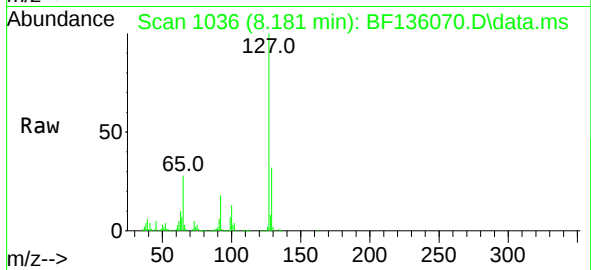
#33
4-Chloroaniline
Concen: 31.572 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

PB156691BS

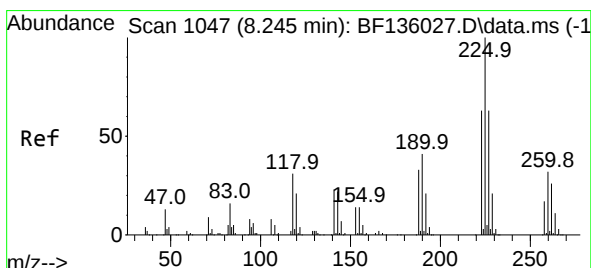
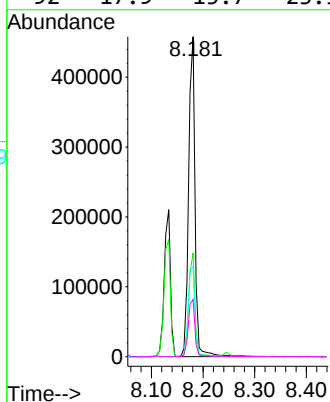
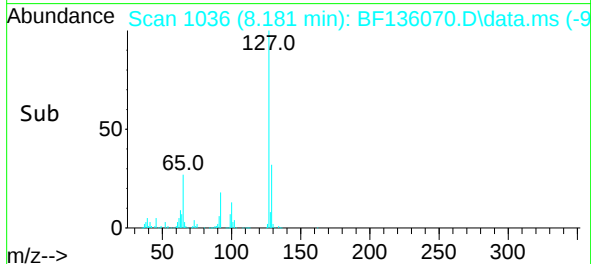


Tgt Ion:127 Resp: 39454
Ion Ratio Lower Upper
127 100
129 32.4 25.9 38.9
65 28.1 24.6 37.0
92 17.9 15.7 23.5

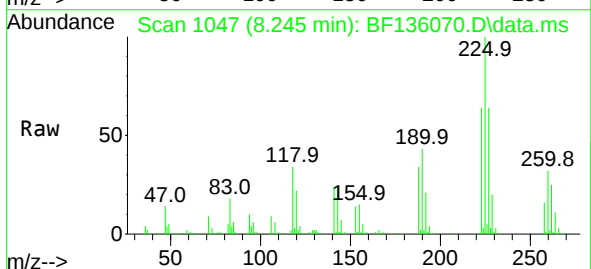
Manual Integrations

APPROVED

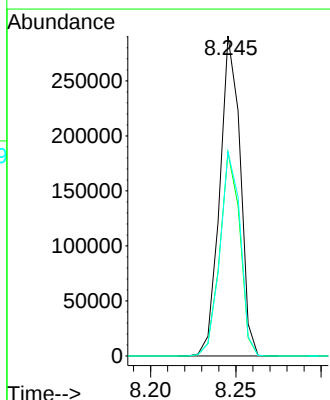
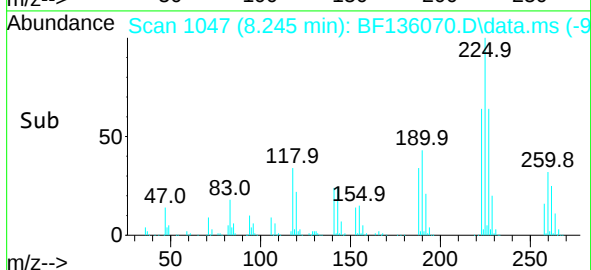
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

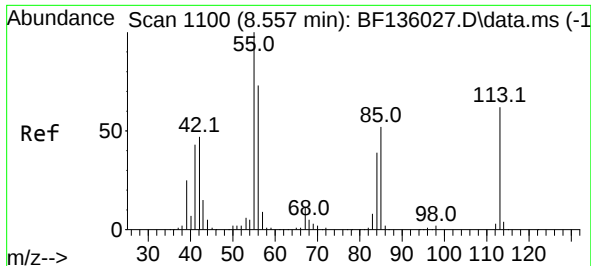


#34
Hexachlorobutadiene
Concen: 47.873 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



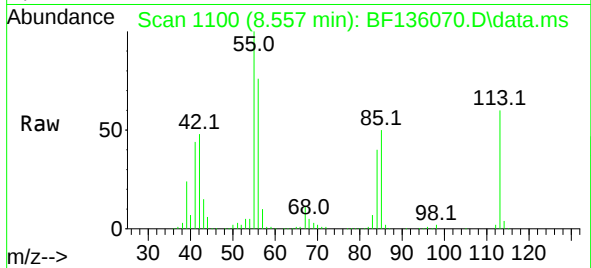
Tgt Ion:225 Resp: 241709
Ion Ratio Lower Upper
225 100
223 63.6 50.3 75.5
227 63.8 50.6 75.8





#35
Caprolactam
Concen: 51.154 ng m
RT: 8.557 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

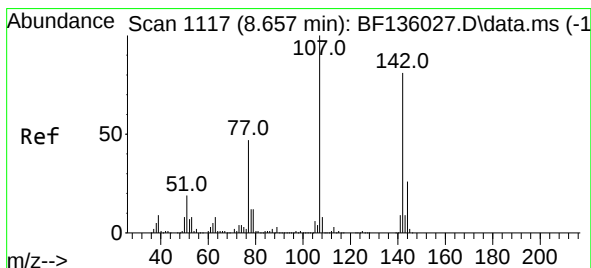
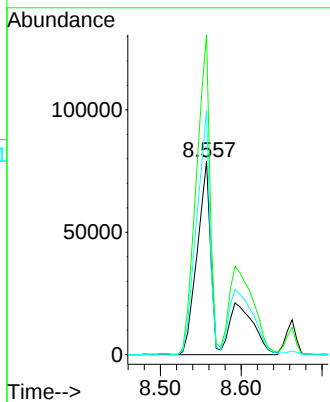
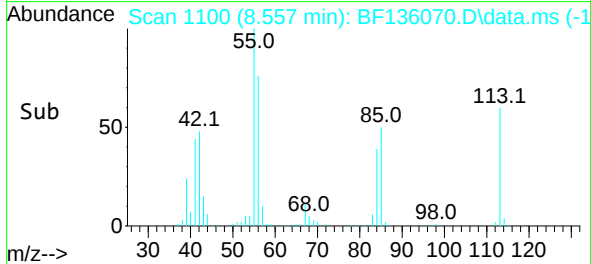
Instrument :
BNA_F
ClientSampleId :
PB156691BS



Tgt Ion:113 Resp: 134240
Ion Ratio Lower Upper
113 100
55 165.6 142.2 182.2
56 126.4 97.7 137.7

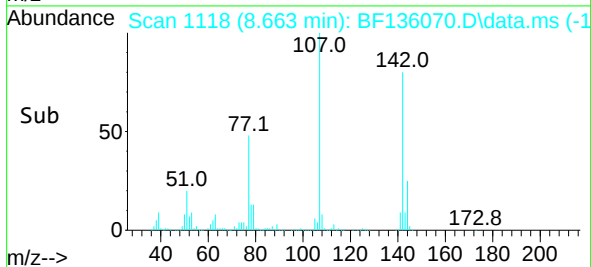
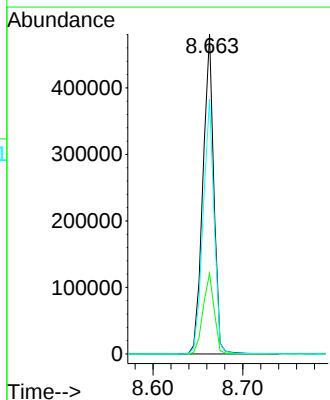
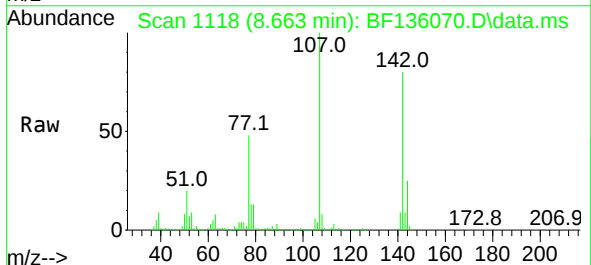
Manual Integrations
APPROVED

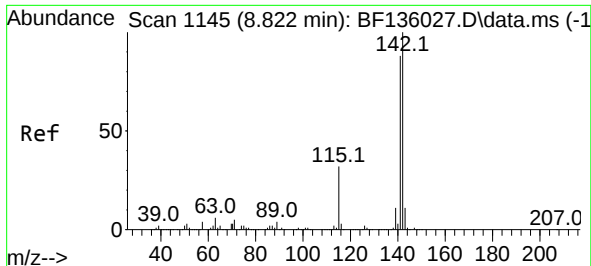
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#36
4-Chloro-3-methylphenol
Concen: 47.934 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Tgt Ion:107 Resp: 406134
Ion Ratio Lower Upper
107 100
144 25.2 20.6 31.0
142 79.7 64.6 97.0





#37
2-Methylnaphthalene
Concen: 45.076 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

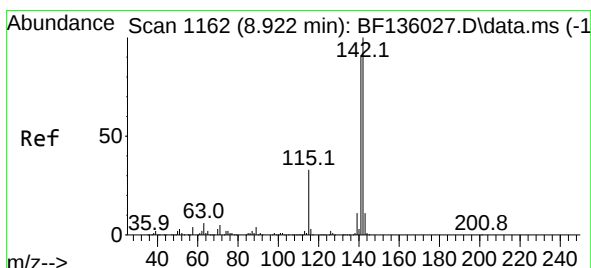
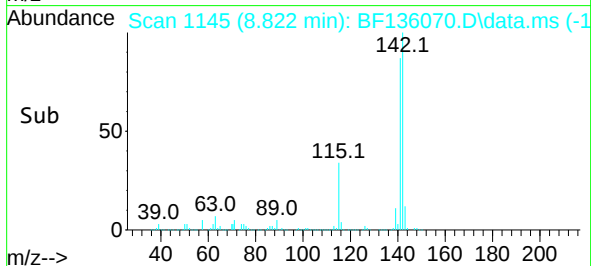
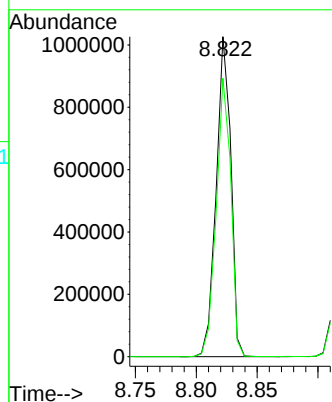
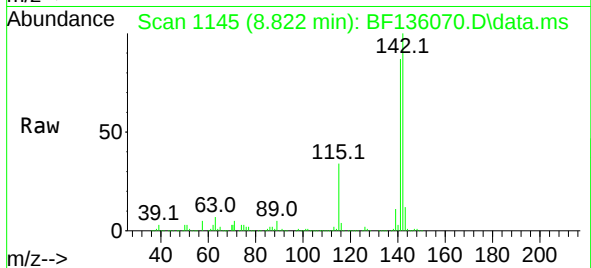
ClientSampleId :

PB156691BS

Tgt Ion:142 Resp: 862472
Ion Ratio Lower Upper
142 100
141 87.0 70.4 105.6

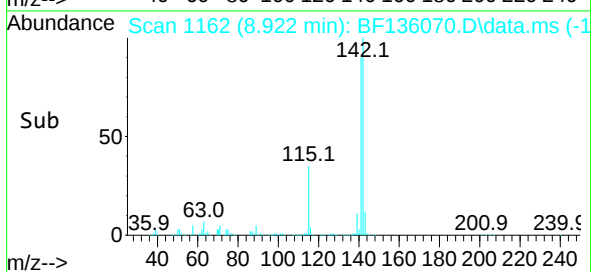
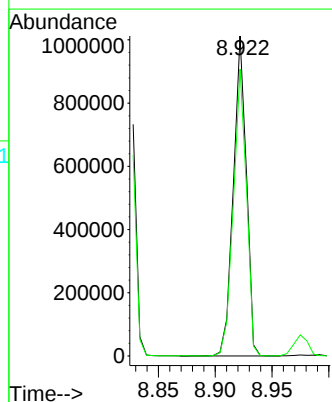
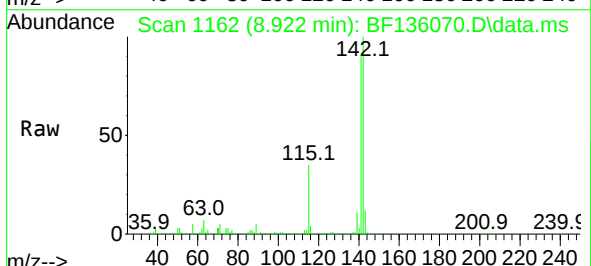
Manual Integrations
APPROVED

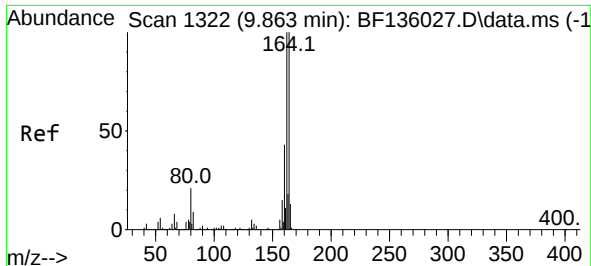
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#38
1-Methylnaphthalene
Concen: 45.079 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Tgt Ion:142 Resp: 802672
Ion Ratio Lower Upper
142 100
141 89.7 72.6 109.0





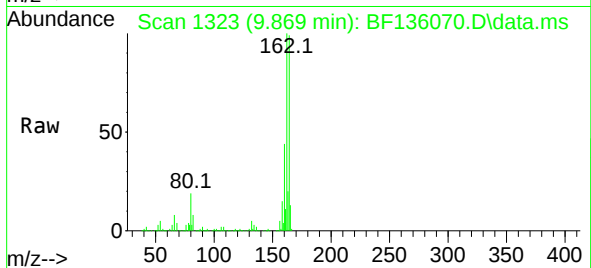
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

PB156691BS

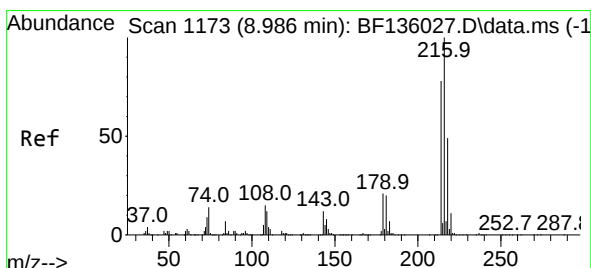
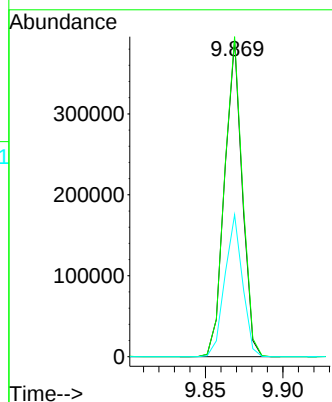
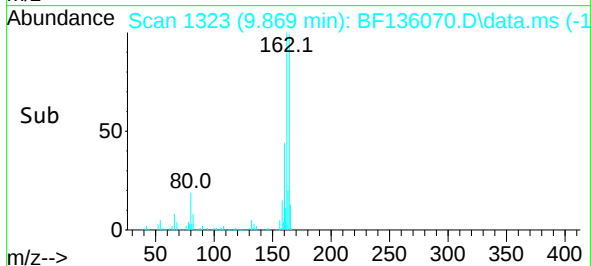


Tgt Ion:164 Resp: 309384
Ion Ratio Lower Upper
164 100
162 101.0 80.1 120.1
160 44.8 34.8 52.2

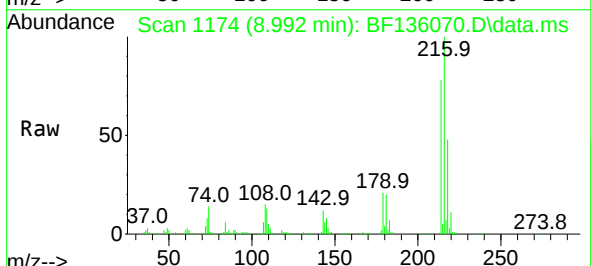
Manual Integrations

APPROVED

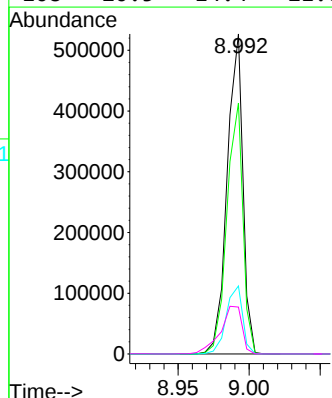
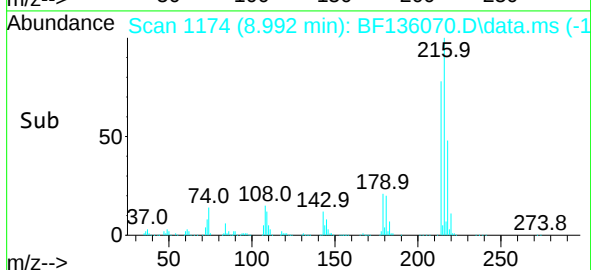
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

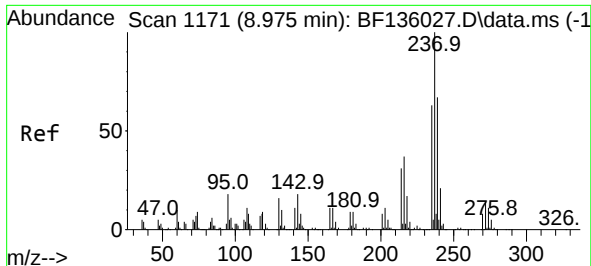


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.908 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



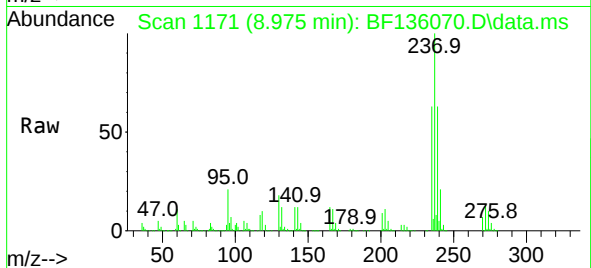
Tgt Ion:216 Resp: 405066
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.6
179 22.0 17.5 26.3
108 20.5 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 102.021 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

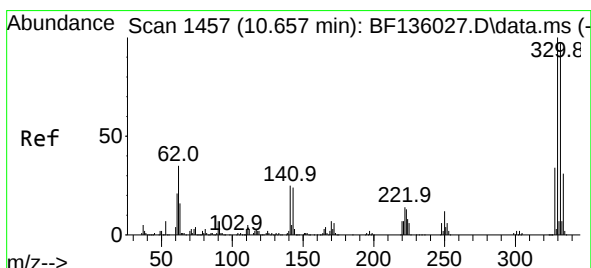
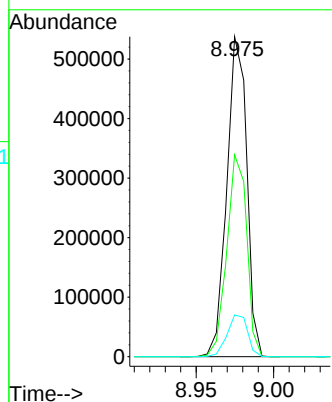
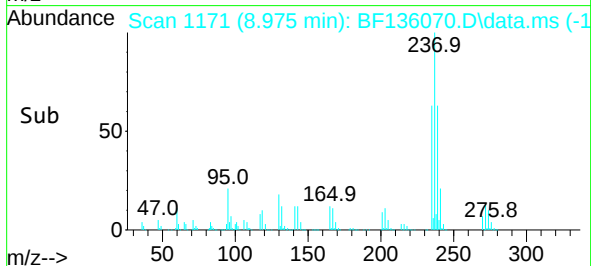
Instrument :
BNA_F
ClientSampleId :
PB156691BS



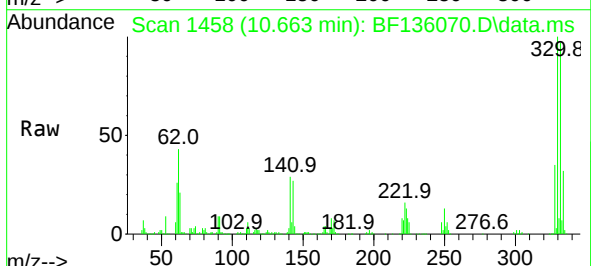
Tgt Ion:237 Resp: 48091
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 13.1 0.0 34.2

Manual Integrations
APPROVED

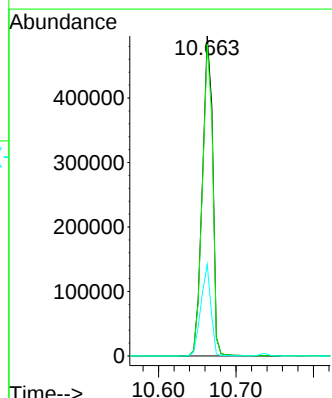
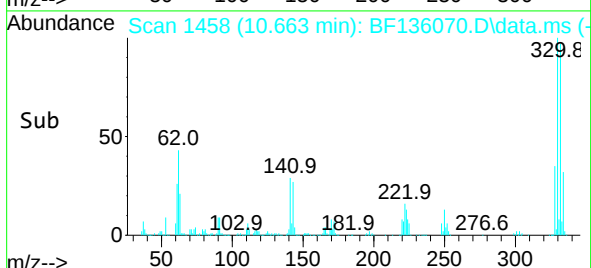
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

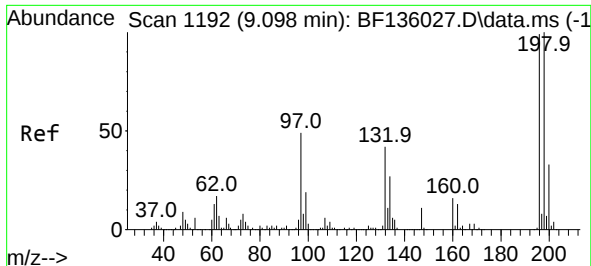


#42
2,4,6-Tribromophenol
Concen: 139.300 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



Tgt Ion:330 Resp: 460010
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 27.7 23.2 34.8





#43

2,4,6-Trichlorophenol

Concen: 48.403 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF136070.D

Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

PB156691BS

Tgt Ion:196 Resp: 278462

Ion Ratio Lower Upper

196 100

198 98.8 80.7 121.1

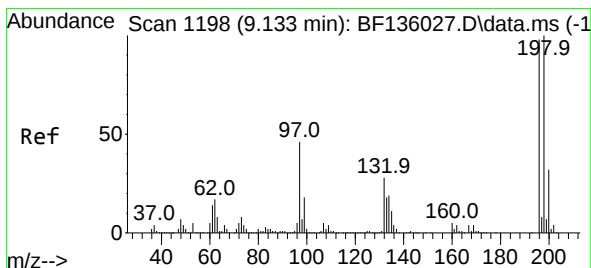
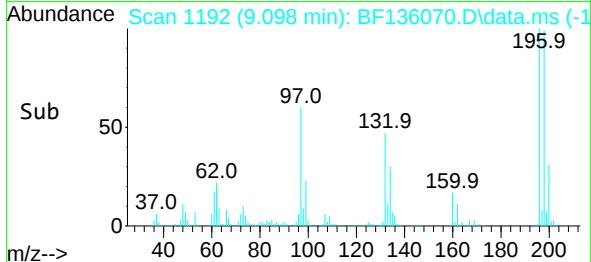
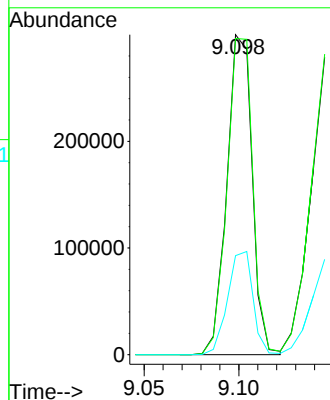
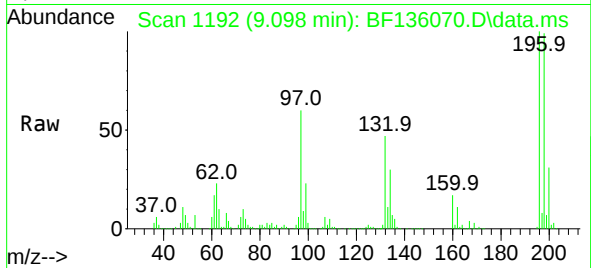
200 30.9 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#44

2,4,5-Trichlorophenol

Concen: 45.469 ng

RT: 9.145 min Scan# 1200

Delta R.T. 0.012 min

Lab File: BF136070.D

Acq: 01 Nov 2023 11:51

Tgt Ion:196 Resp: 303008

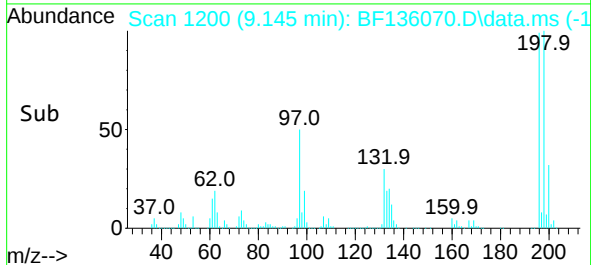
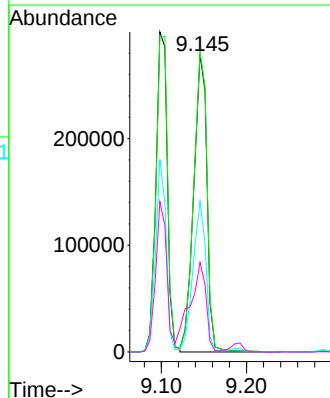
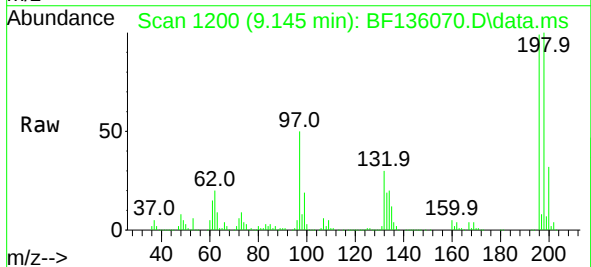
Ion Ratio Lower Upper

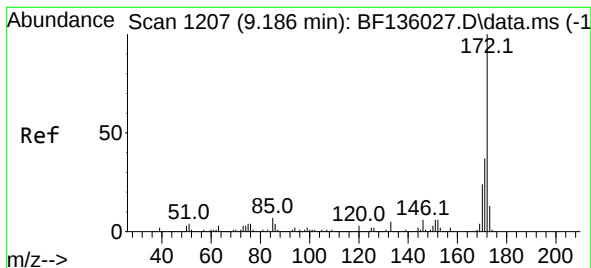
196 100

198 101.1 81.6 122.4

97 50.7 38.2 57.2

132 30.0 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 85.292 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF136070.D

Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

PB156691BS

Tgt Ion:172 Resp: 1655354

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

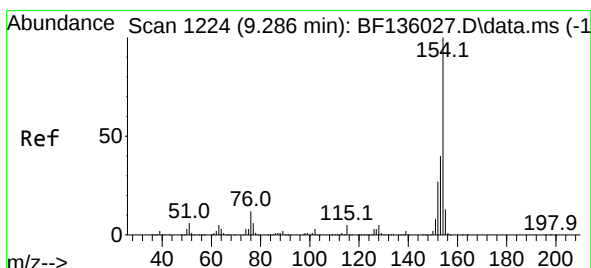
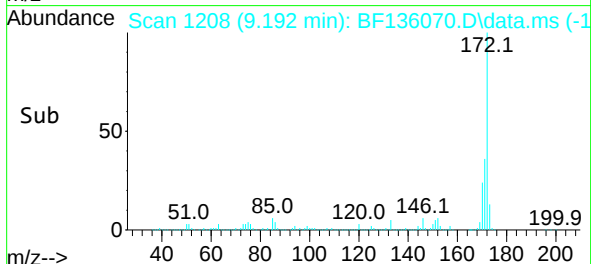
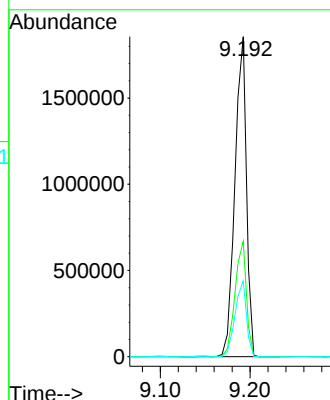
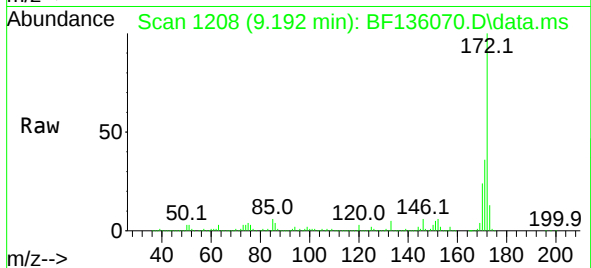
170 23.7 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#46

1,1'-Biphenyl

Concen: 45.766 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.006 min

Lab File: BF136070.D

Acq: 01 Nov 2023 11:51

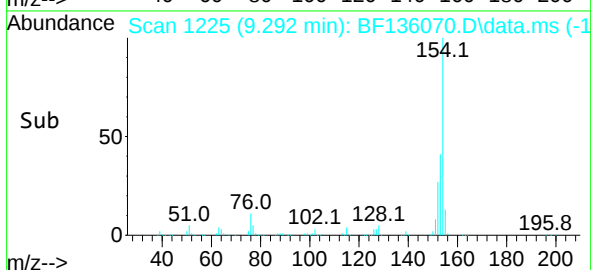
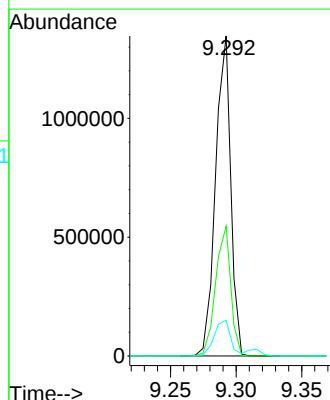
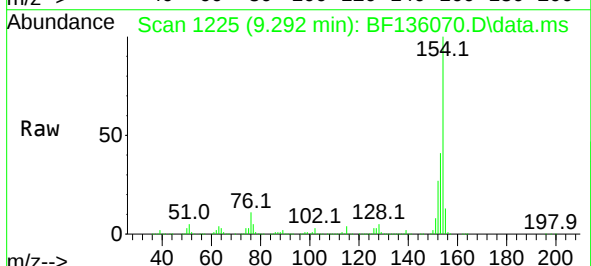
Tgt Ion:154 Resp: 1079382

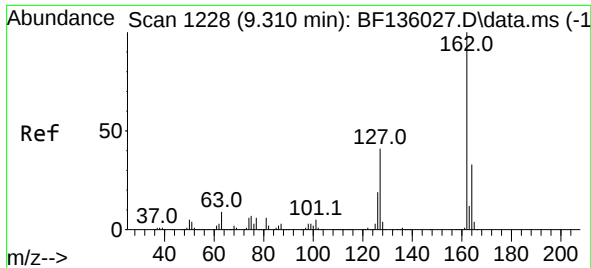
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 11.2 0.0 32.5





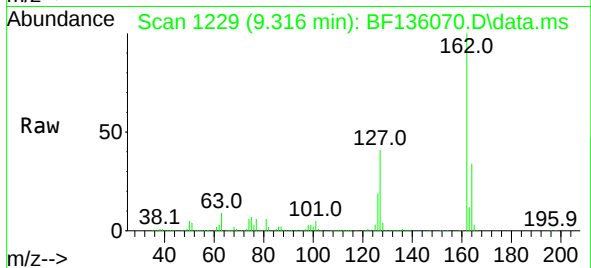
#47
2-Chloronaphthalene
Concen: 46.811 ng
RT: 9.316 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

PB156691BS

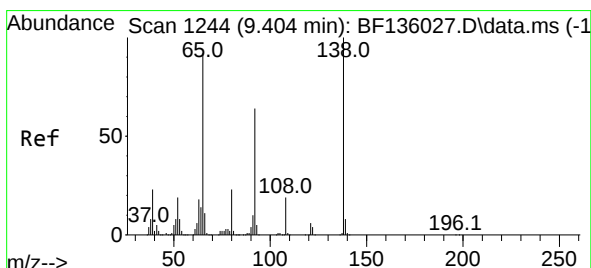
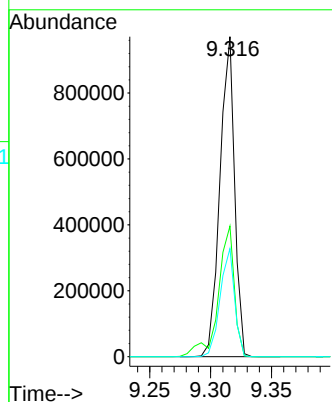
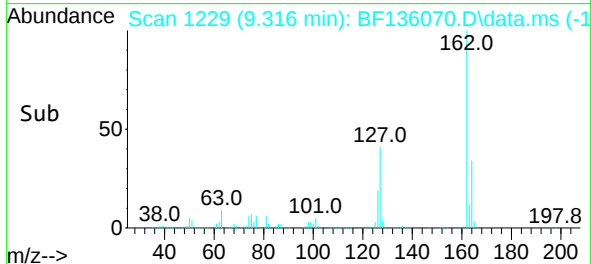


Tgt Ion:162 Resp: 813890
Ion Ratio Lower Upper
162 100
127 40.8 32.4 48.6
164 33.8 26.7 40.1

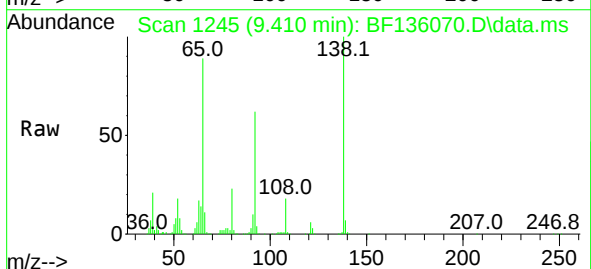
Manual Integrations

APPROVED

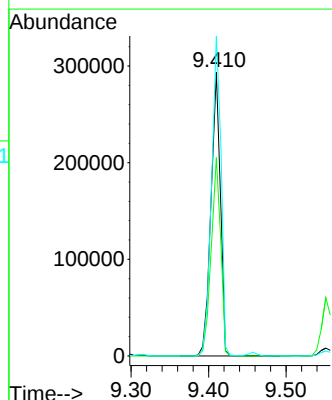
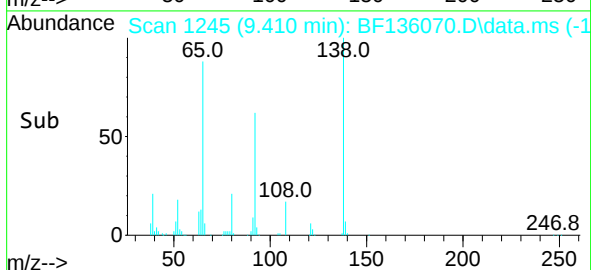
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

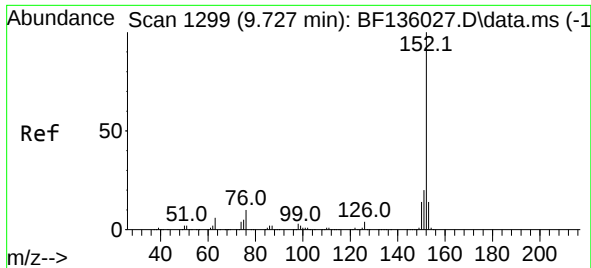


#48
2-Nitroaniline
Concen: 48.475 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



Tgt Ion: 65 Resp: 249429
Ion Ratio Lower Upper
65 100
92 70.0 55.7 83.5
138 112.8 86.8 130.2





#49
Acenaphthylene
Concen: 46.028 ng
RT: 9.734 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

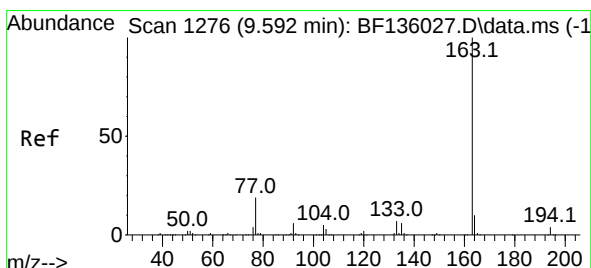
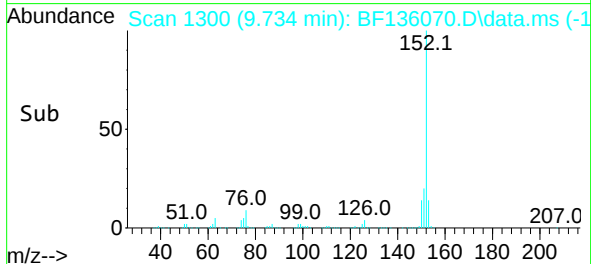
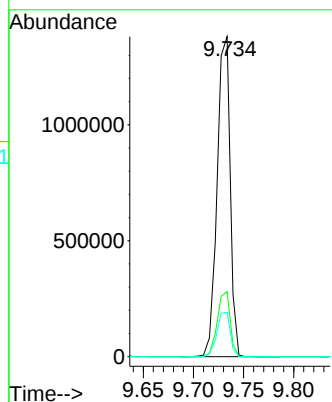
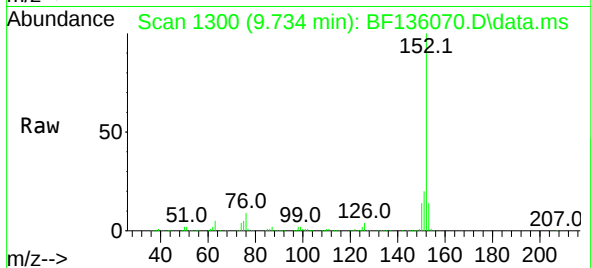
PB156691BS

Tgt Ion:152 Resp: 124846
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.9 11.4 17.2

Manual Integrations

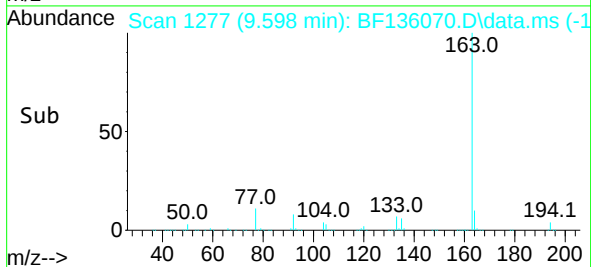
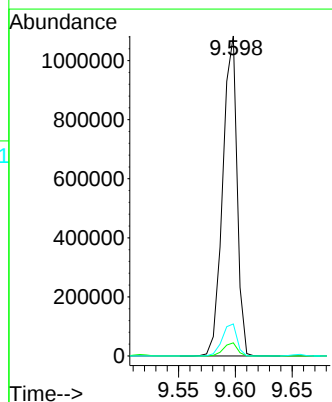
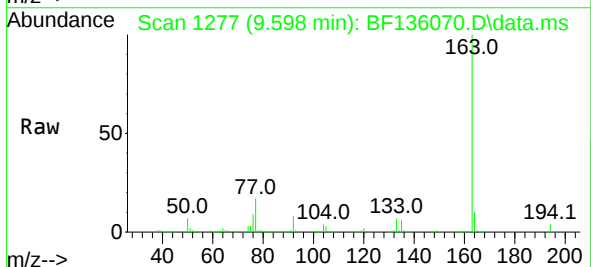
APPROVED

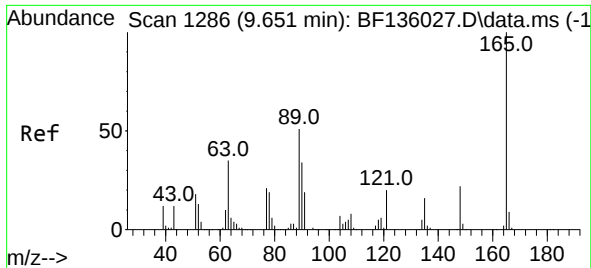
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#50
Dimethylphthalate
Concen: 46.698 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Tgt Ion:163 Resp: 952993
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.888 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

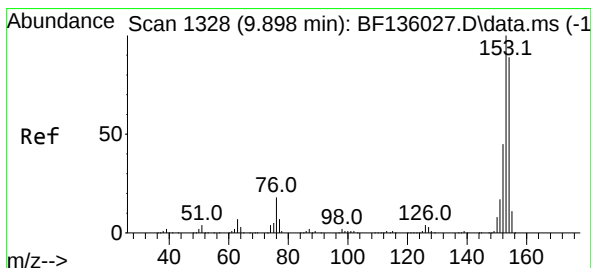
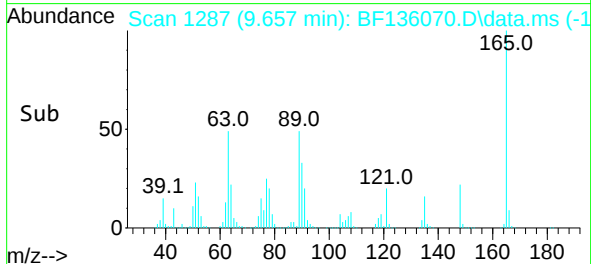
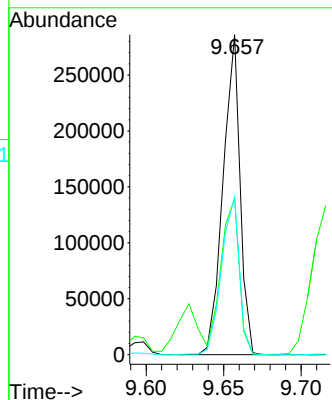
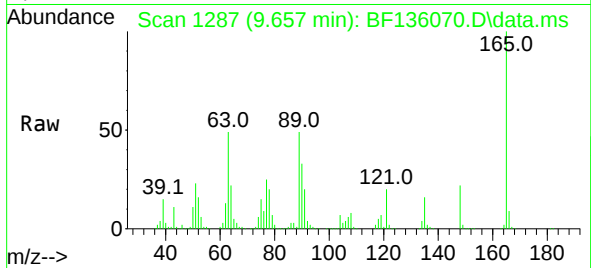
PB156691BS

Tgt Ion:165 Resp: 217748
Ion Ratio Lower Upper
165 100
63 48.8 40.8 61.2
89 49.2 41.1 61.7

Manual Integrations

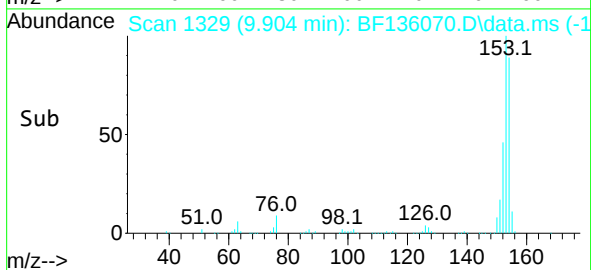
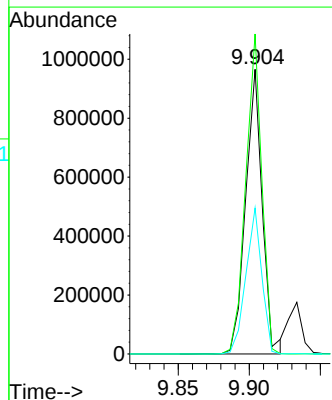
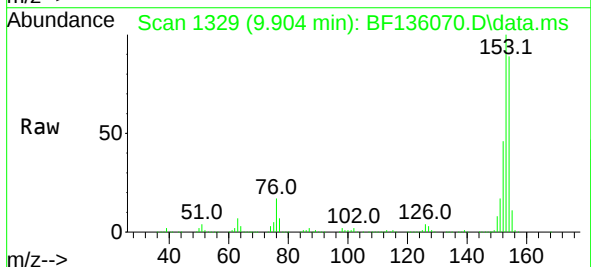
APPROVED

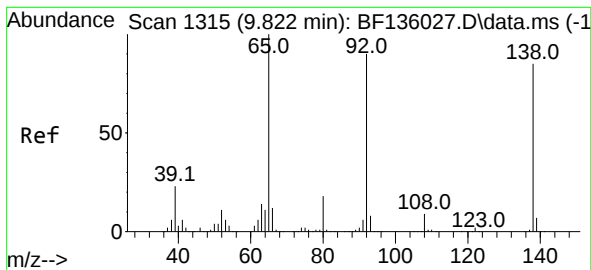
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#52
Acenaphthene
Concen: 45.637 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Tgt Ion:154 Resp: 786912
Ion Ratio Lower Upper
154 100
153 112.4 89.9 134.9
152 51.3 40.2 60.2





#53
3-Nitroaniline
Concen: 39.862 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

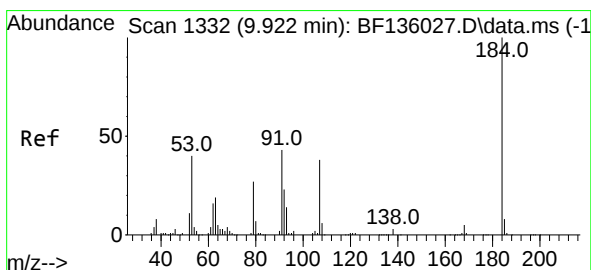
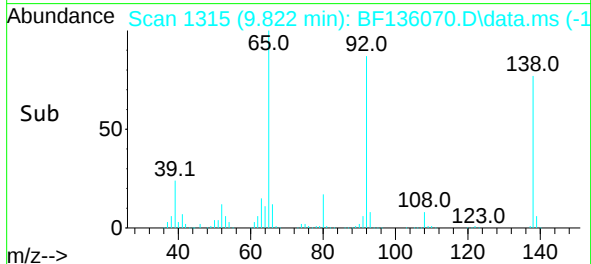
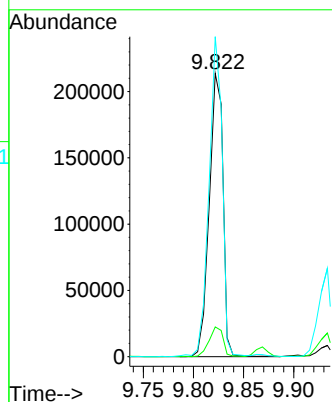
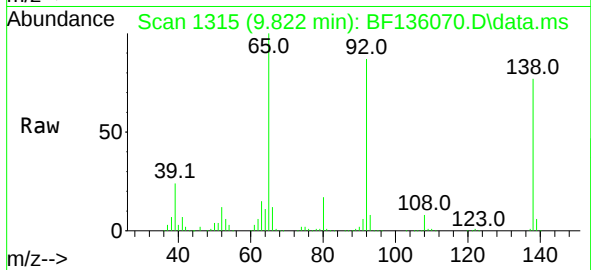
ClientSampleId :

PB156691BS

Tgt Ion:138 Resp: 203012
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 113.0 84.6 126.8

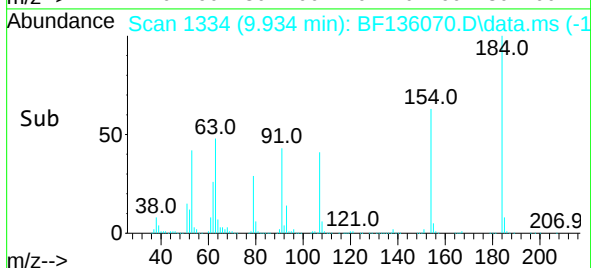
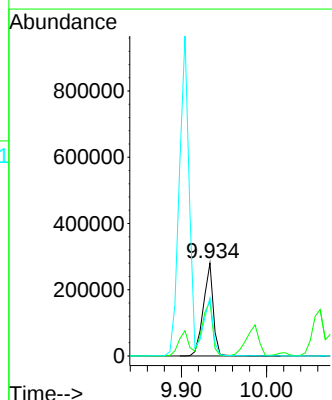
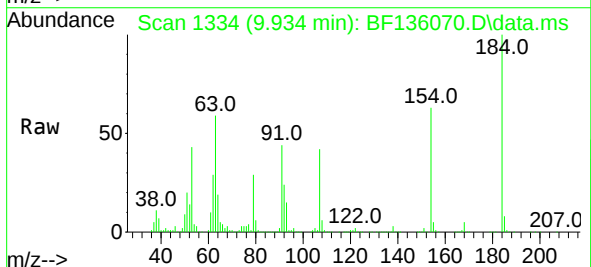
Manual Integrations
APPROVED

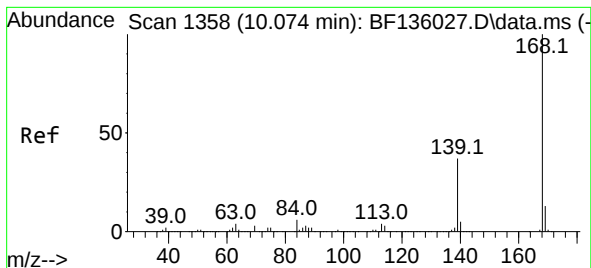
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#54
2,4-Dinitrophenol
Concen: 93.905 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.012 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

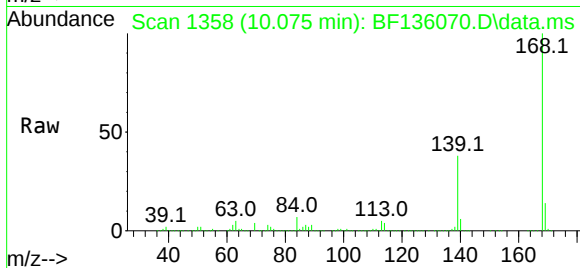
Tgt Ion:184 Resp: 225781
Ion Ratio Lower Upper
184 100
63 59.0 43.7 65.5
154 62.6 51.2 76.8





#55
Dibenzenofuran
Concen: 45.507 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

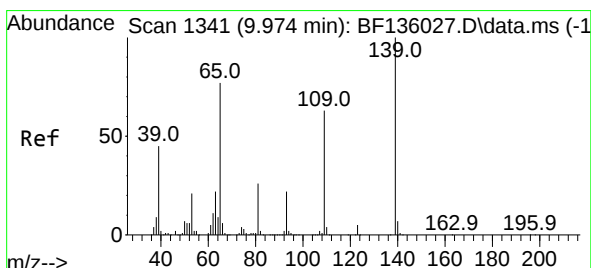
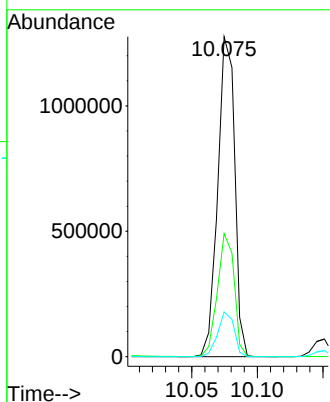
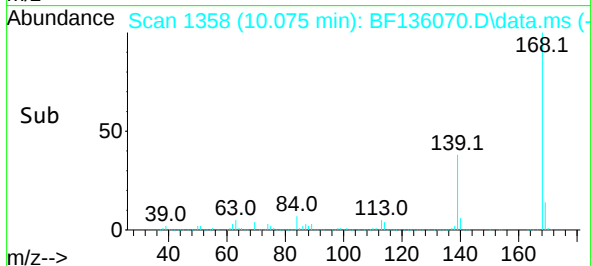
Instrument :
BNA_F
ClientSampleId :
PB156691BS



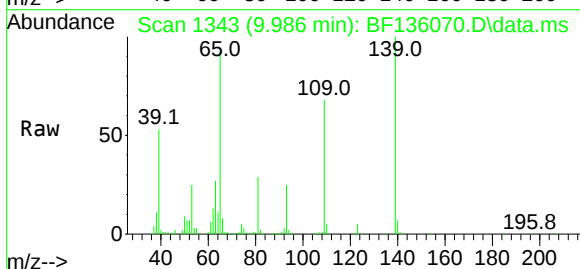
Tgt Ion:168 Resp: 1144169
Ion Ratio Lower Upper
168 100
139 38.5 29.4 44.0
169 14.0 10.5 15.7

Manual Integrations
APPROVED

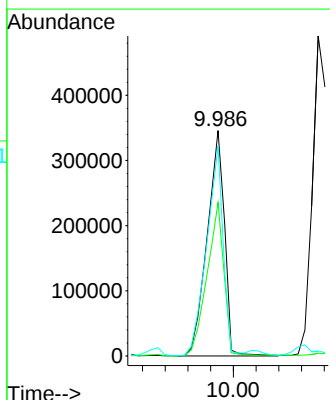
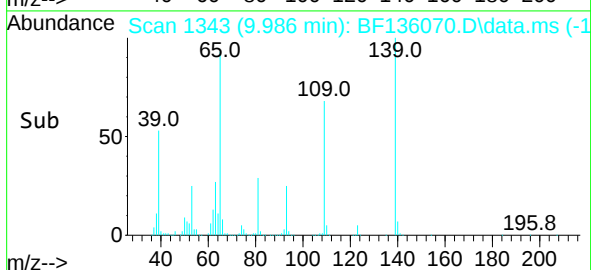
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

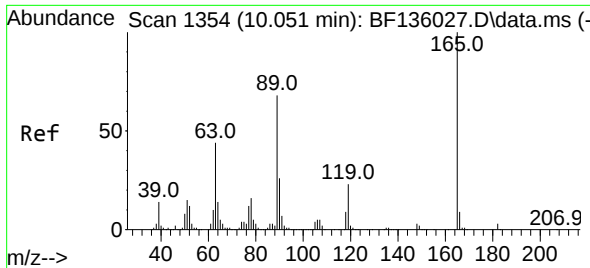


#56
4-Nitrophenol
Concen: 96.053 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



Tgt Ion:139 Resp: 365917
Ion Ratio Lower Upper
139 100
109 68.1 43.2 83.2
65 93.1 57.6 97.6





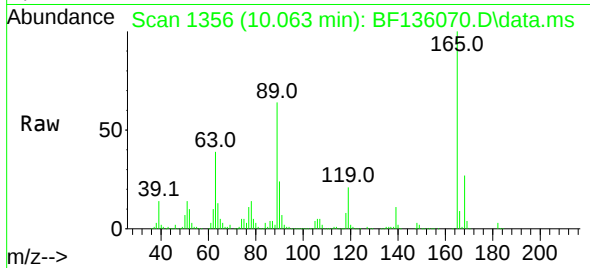
#57
2,4-Dinitrotoluene
Concen: 51.233 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

PB156691BS

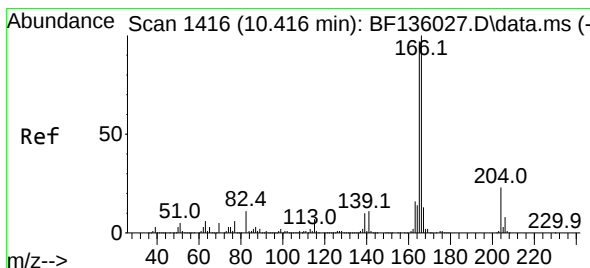
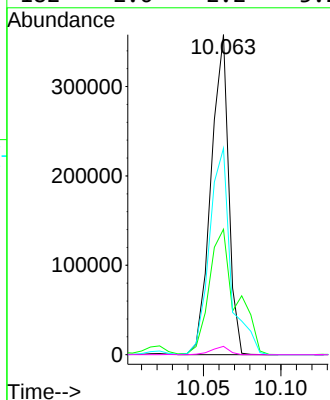
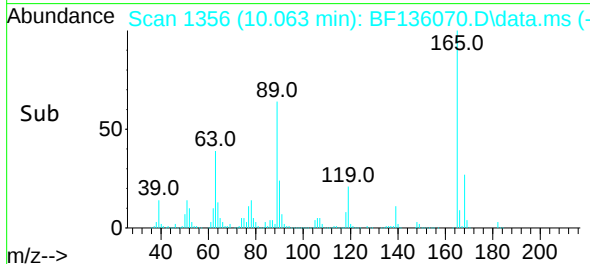


Tgt Ion:165 Resp: 28293
Ion Ratio Lower Upper
165 100
63 39.2 35.2 52.8
89 64.5 54.8 82.2
182 2.6 2.2 3.2

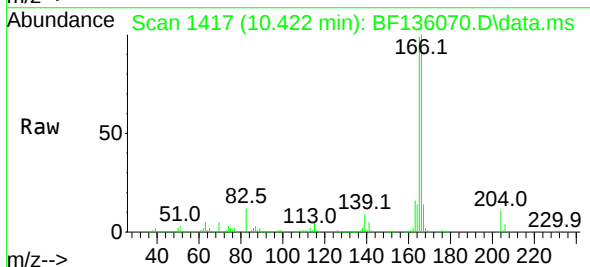
Manual Integrations

APPROVED

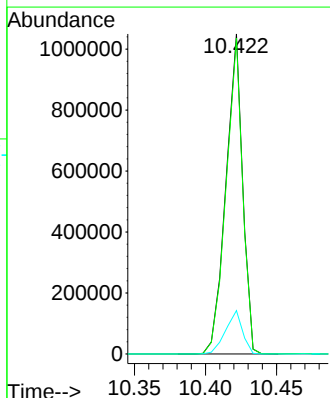
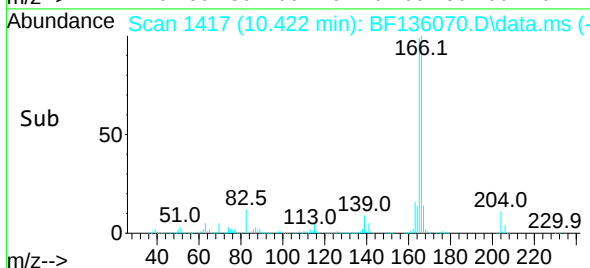
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

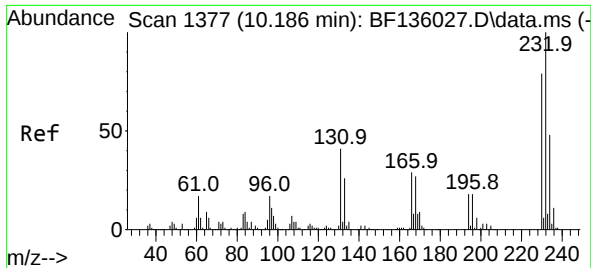


#58
Fluorene
Concen: 45.312 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



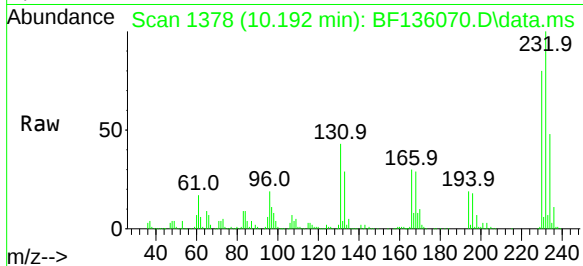
Tgt Ion:166 Resp: 853000
Ion Ratio Lower Upper
166 100
165 98.7 77.7 116.5
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.369 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

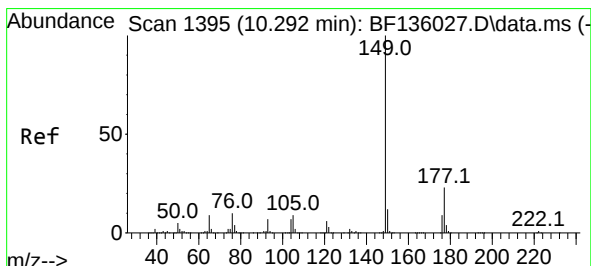
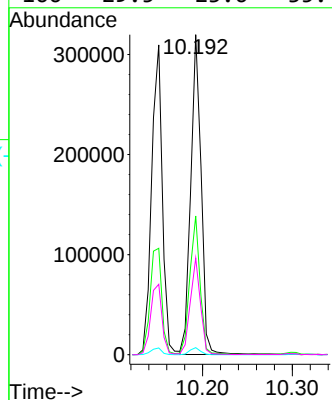
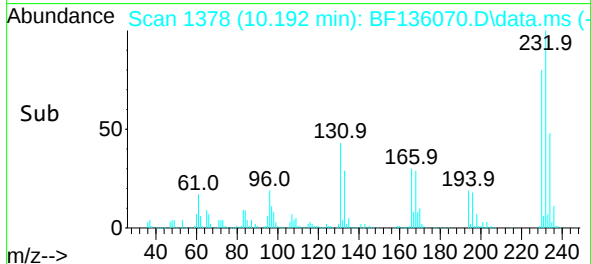
Instrument :
BNA_F
ClientSampleId :
PB156691BS



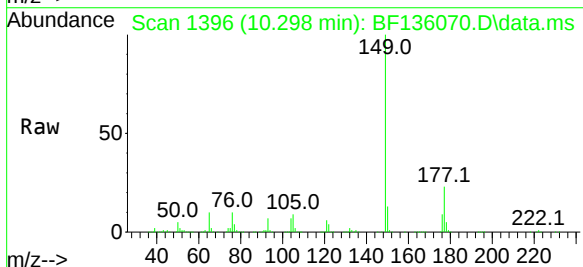
Tgt Ion:232 Resp: 256261
Ion Ratio Lower Upper
232 100
131 43.0 34.6 52.0
130 2.2 1.6 2.4
166 29.5 23.6 35.4

Manual Integrations
APPROVED

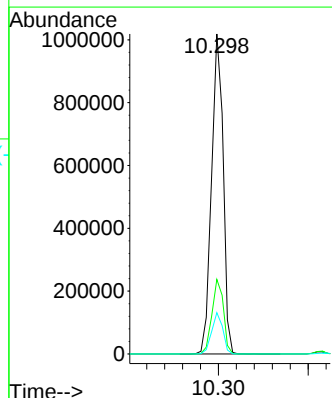
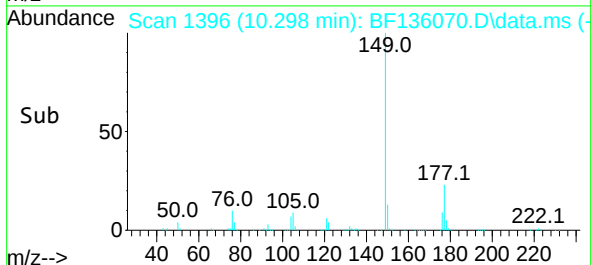
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

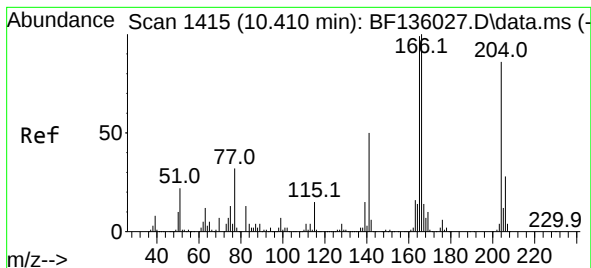


#60
Diethylphthalate
Concen: 46.824 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



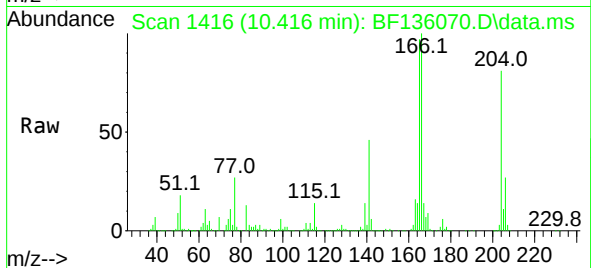
Tgt Ion:149 Resp: 913017
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.949 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

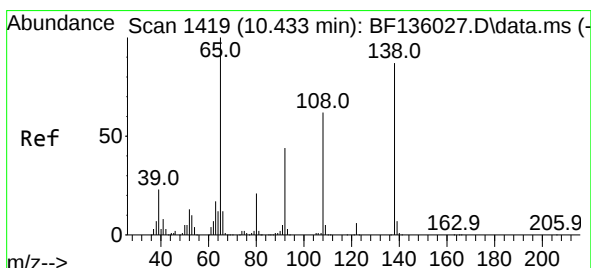
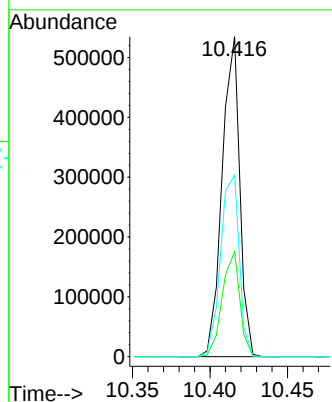
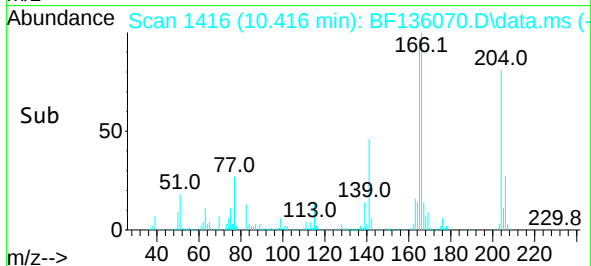
Instrument :
BNA_F
ClientSampleId :
PB156691BS



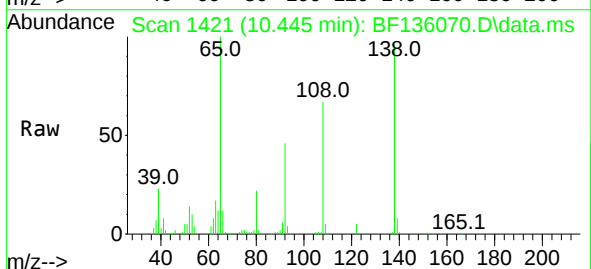
Tgt Ion:204 Resp: 42237
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 56.7 46.8 70.2

Manual Integrations
APPROVED

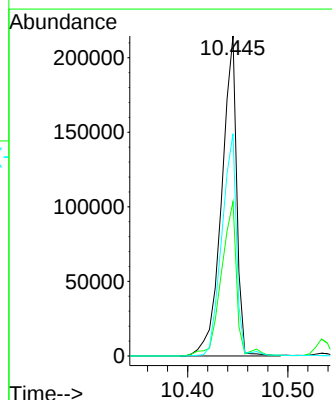
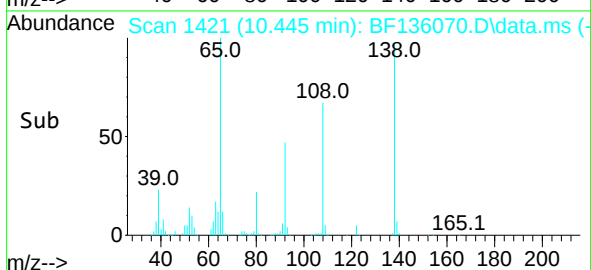
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

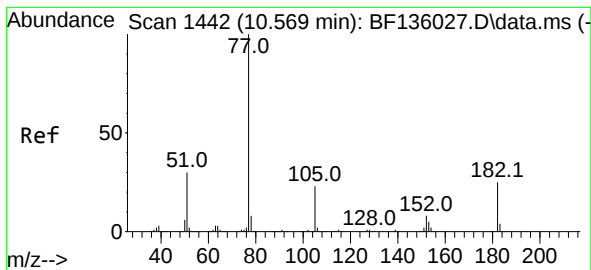


#62
4-Nitroaniline
Concen: 45.463 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.012 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



Tgt Ion:138 Resp: 222950
Ion Ratio Lower Upper
138 100
92 48.2 30.6 70.6
108 69.5 51.5 91.5





#63
Azobenzene
Concen: 46.068 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

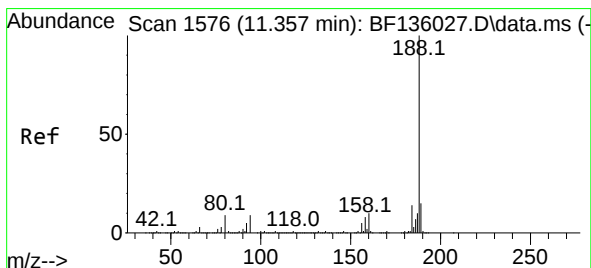
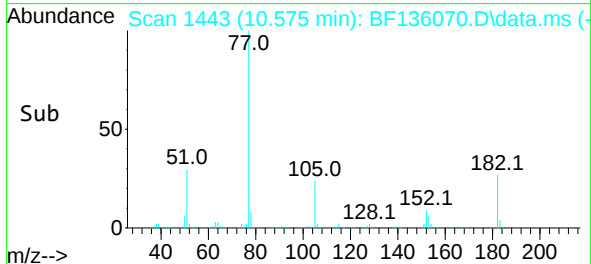
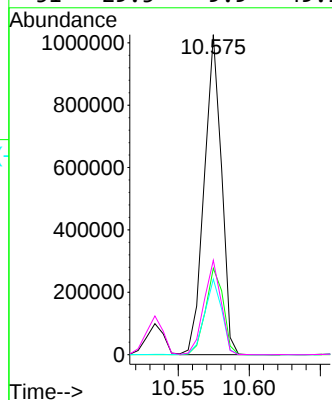
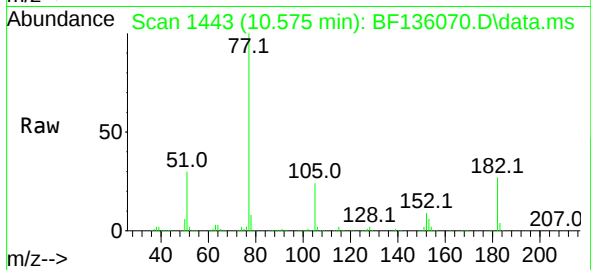
PB156691BS

Tgt Ion: 77 Resp: 86508
Ion Ratio Lower Upper
77 100
182 27.0 5.0 45.0
105 23.6 2.6 42.6
51 29.5 9.9 49.9

Manual Integrations

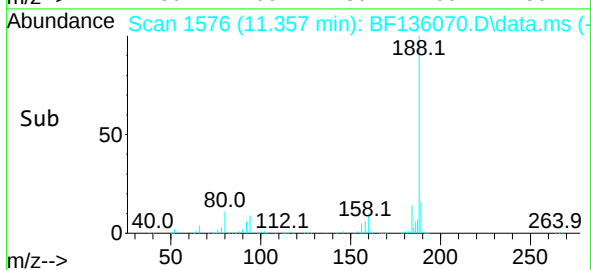
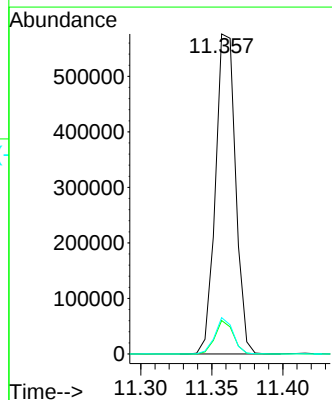
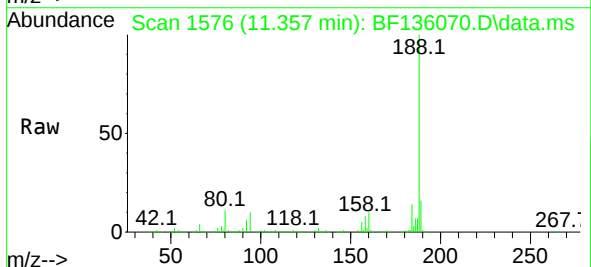
APPROVED

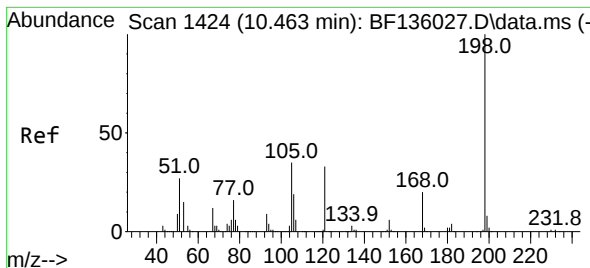
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Tgt Ion:188 Resp: 565792
Ion Ratio Lower Upper
188 100
94 10.4 7.2 10.8
80 11.3 7.4 11.0#





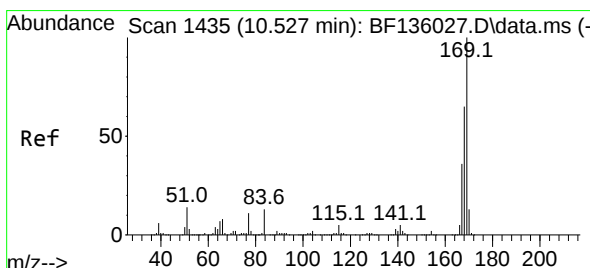
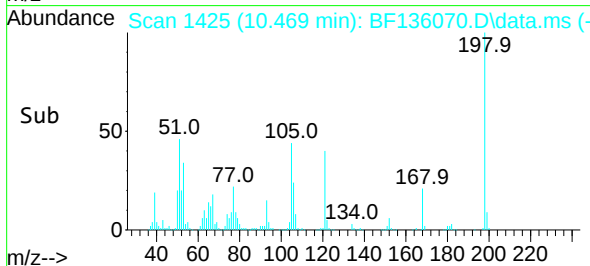
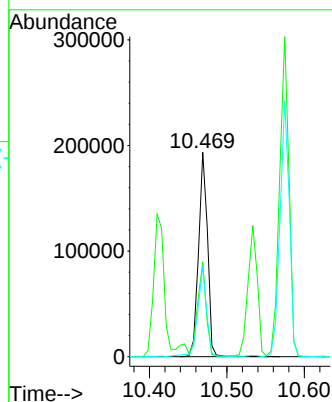
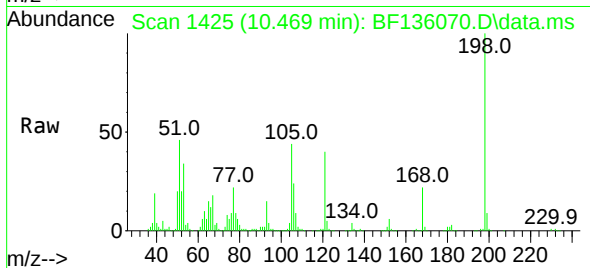
#65
4,6-Dinitro-2-methylphenol
Concen: 49.639 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :
BNA_F
ClientSampleId :
PB156691BS

Tgt Ion:198 Resp: 155017
Ion Ratio Lower Upper
198 100
51 46.4 12.9 52.9
105 44.2 16.0 56.0

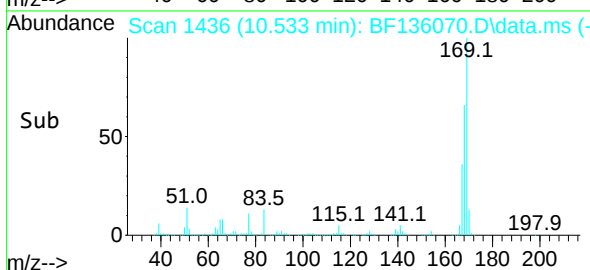
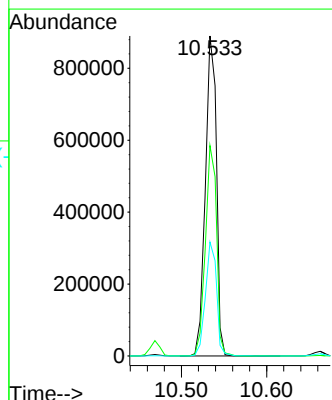
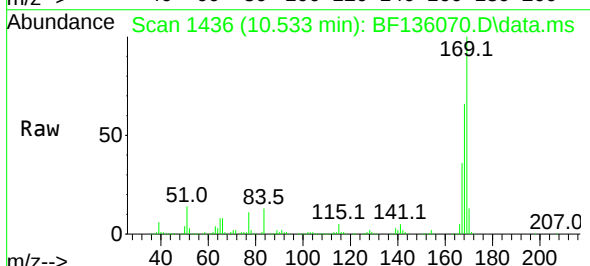
Manual Integrations
APPROVED

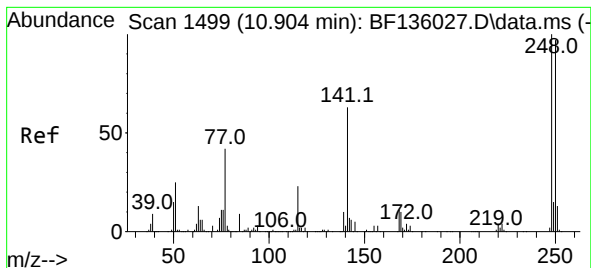
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#66
n-Nitrosodiphenylamine
Concen: 46.924 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

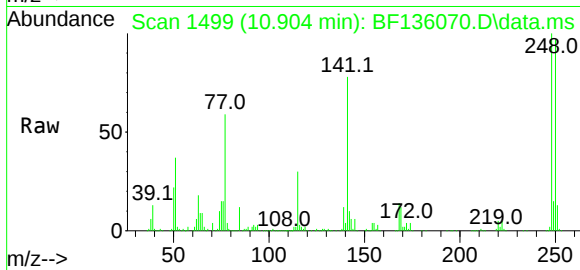
Tgt Ion:169 Resp: 800889
Ion Ratio Lower Upper
169 100
168 65.8 52.2 78.2
167 35.6 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 47.762 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

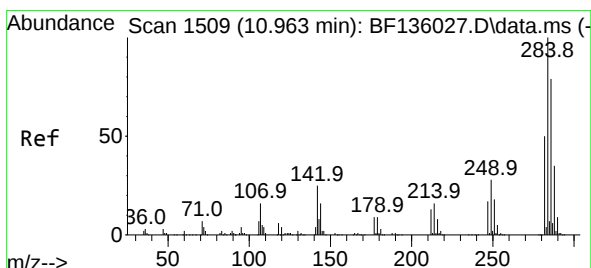
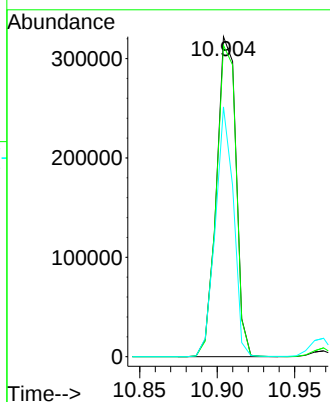
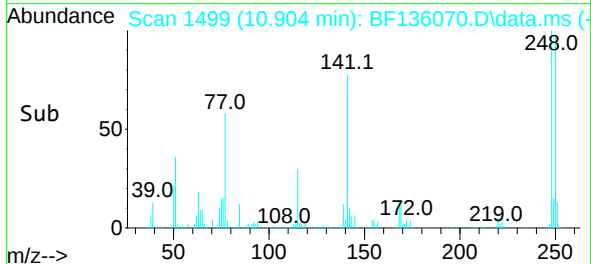
Instrument :
BNA_F
ClientSampleId :
PB156691BS



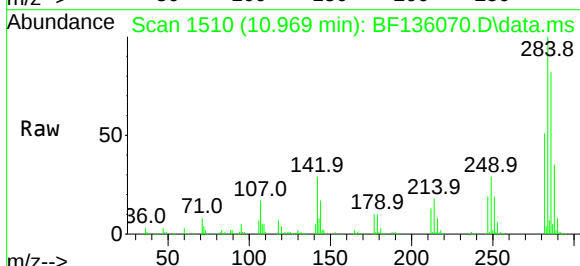
Tgt Ion:248 Resp: 283319
Ion Ratio Lower Upper
248 100
250 97.3 77.6 116.4
141 78.1 50.4 75.6

Manual Integrations
APPROVED

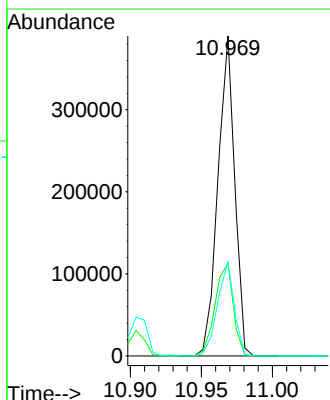
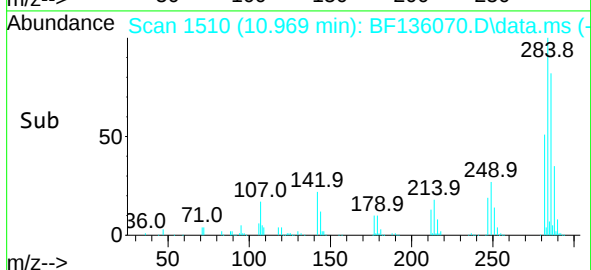
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

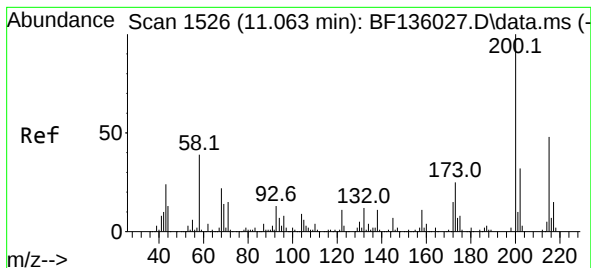


#68
Hexachlorobenzene
Concen: 50.562 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



Tgt Ion:284 Resp: 320333
Ion Ratio Lower Upper
284 100
142 29.0 20.2 30.4
249 29.3 22.6 33.8





#69

Atrazine

Concen: 38.991 ng

RT: 11.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136070.D

Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

PB156691BS

Tgt Ion:200 Resp: 181068

Ion Ratio Lower Upper

200 100

173 25.8 5.2 45.2

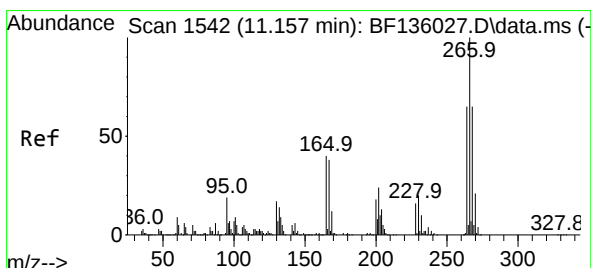
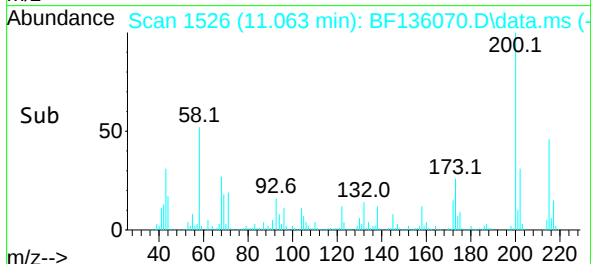
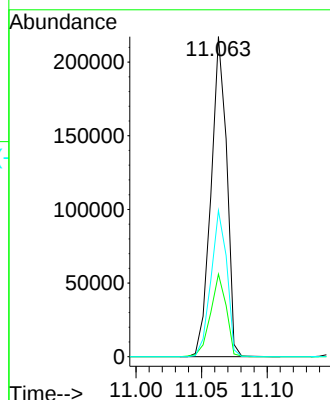
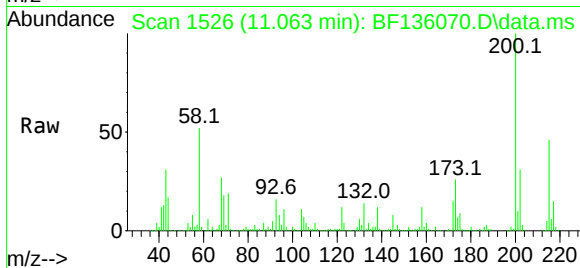
215 45.7 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#70

Pentachlorophenol

Concen: 86.559 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.006 min

Lab File: BF136070.D

Acq: 01 Nov 2023 11:51

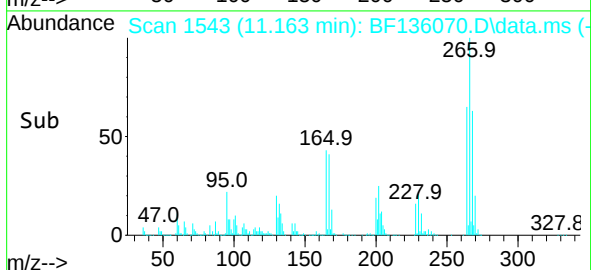
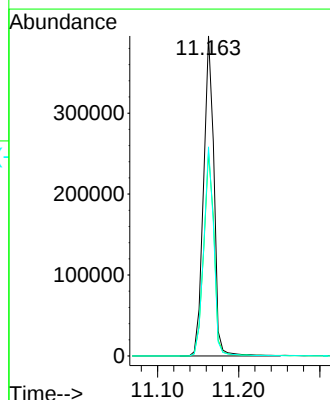
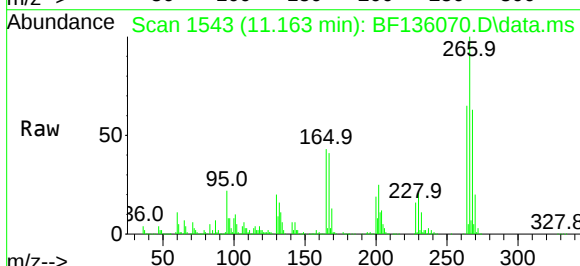
Tgt Ion:266 Resp: 352187

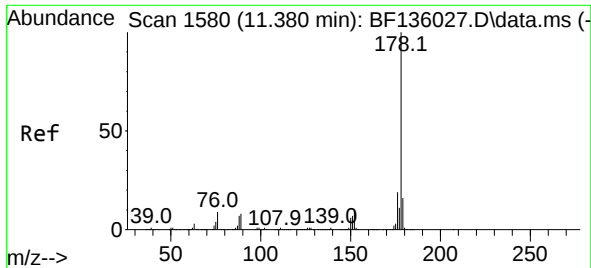
Ion Ratio Lower Upper

266 100

268 63.5 52.2 78.4

264 65.3 52.2 78.4





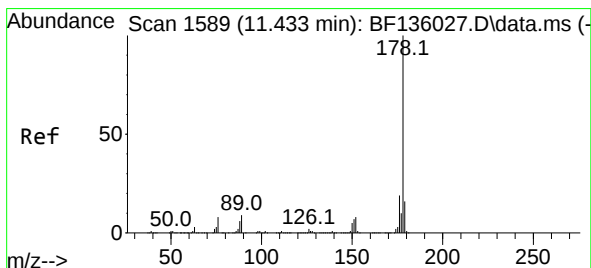
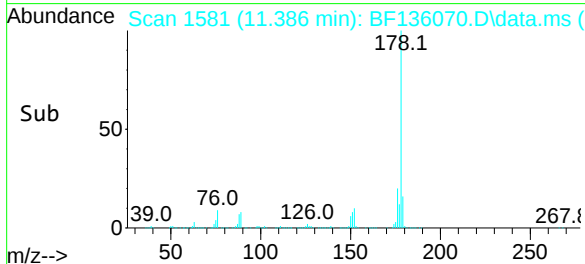
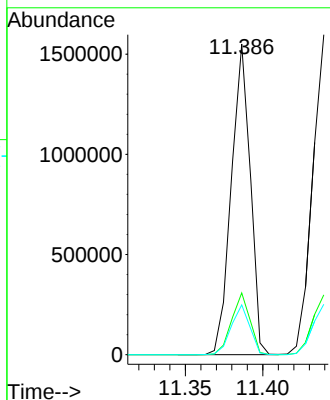
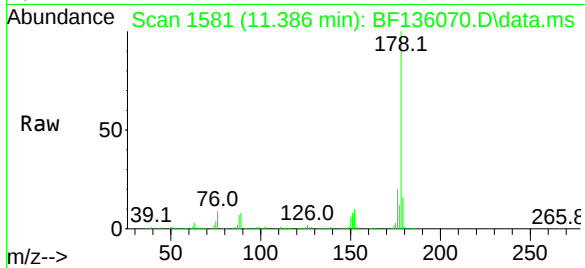
#71
Phenanthrene
Concen: 46.269 ng
RT: 11.386 min Scan# 11380
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :
BNA_F
ClientSampleId :
PB156691BS

Tgt Ion:178 Resp: 1318090
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.0 12.9 19.3

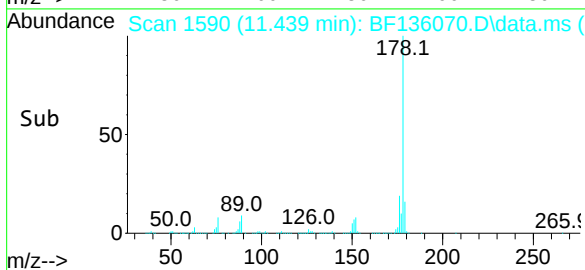
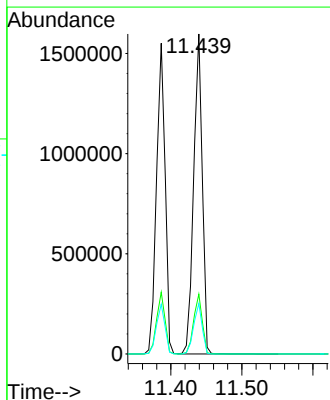
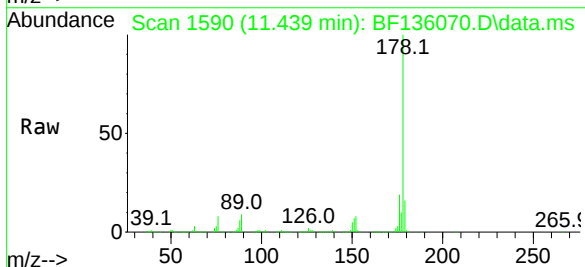
Manual Integrations
APPROVED

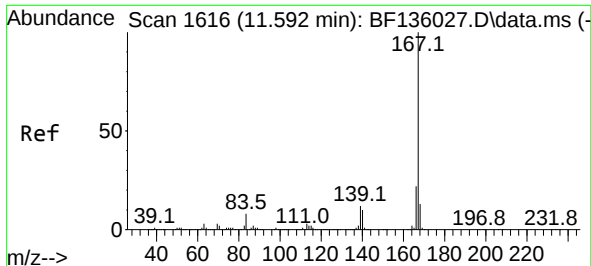
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#72
Anthracene
Concen: 46.401 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

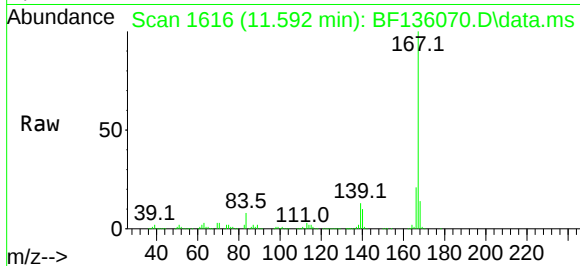
Tgt Ion:178 Resp: 1354516
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.8 12.6 18.8





#73
 Carbazole
 Concen: 46.432 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF136070.D
 Acq: 01 Nov 2023 11:51

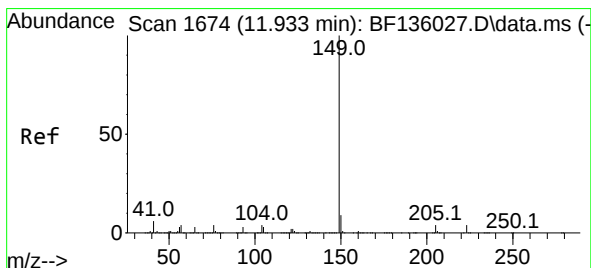
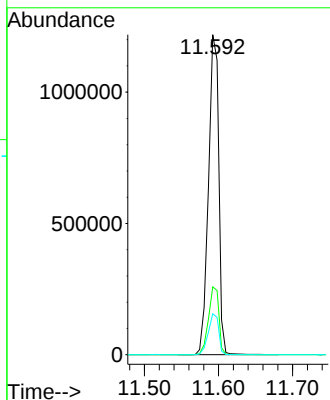
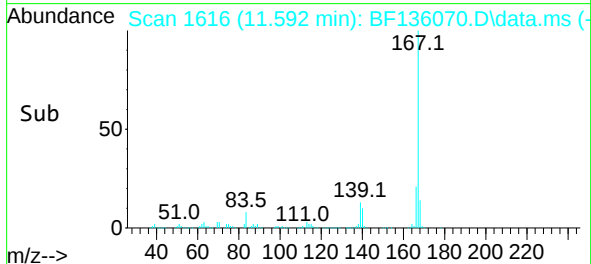
Instrument :
 BNA_F
 ClientSampleId :
 PB156691BS



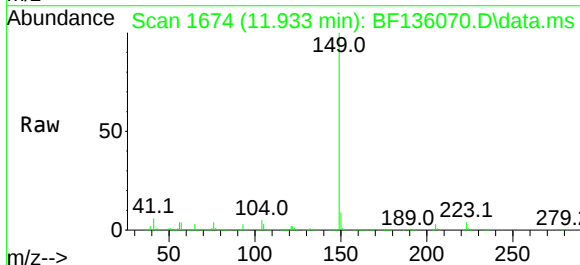
Tgt Ion:167 Resp: 1177849
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.8 9.9 14.9

Manual Integrations
 APPROVED

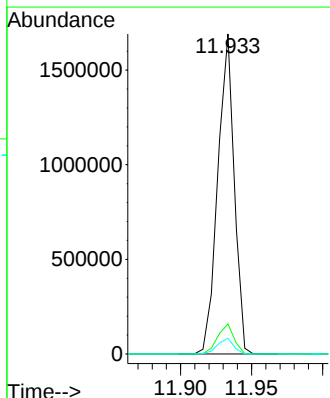
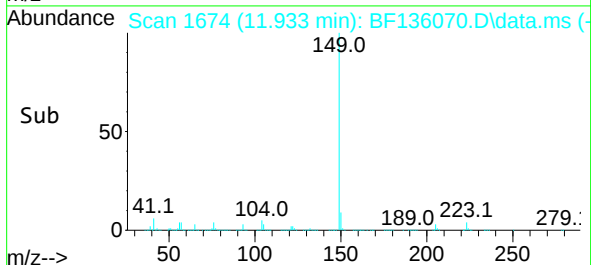
Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

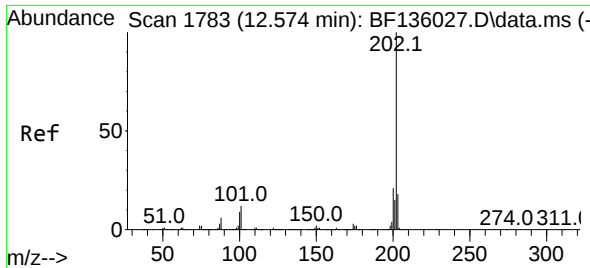


#74
 Di-n-butylphthalate
 Concen: 46.995 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF136070.D
 Acq: 01 Nov 2023 11:51



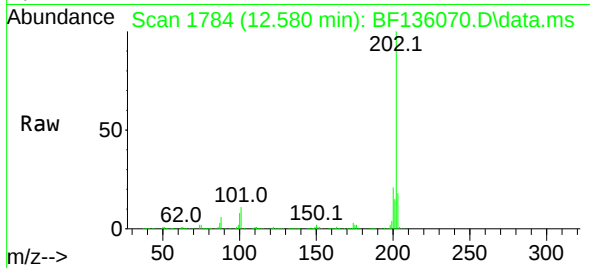
Tgt Ion:149 Resp: 1362182
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 4.9 3.6 5.4





#75
Fluoranthene
Concen: 44.763 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

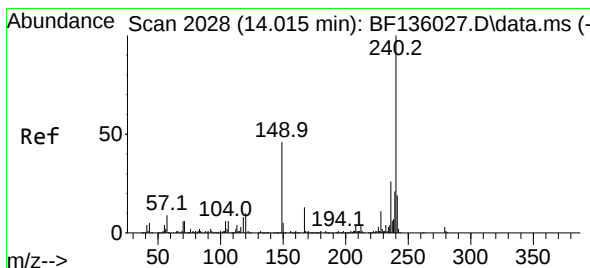
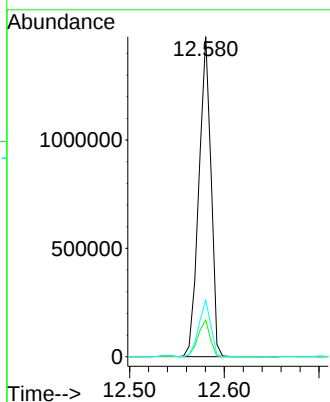
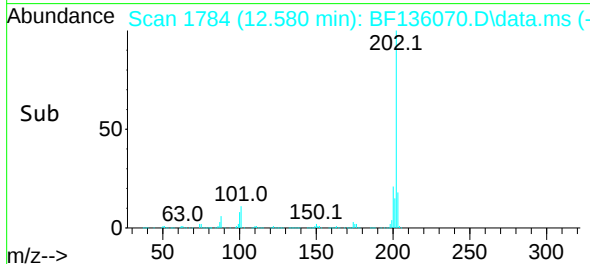
Instrument :
BNA_F
ClientSampleId :
PB156691BS



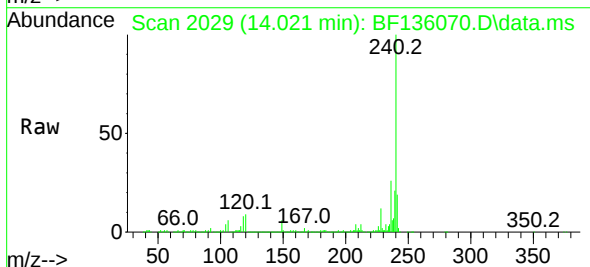
Tgt Ion:202 Resp: 131002
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.8
203 17.6 0.0 37.9

Manual Integrations
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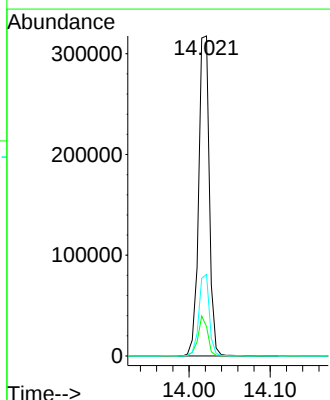
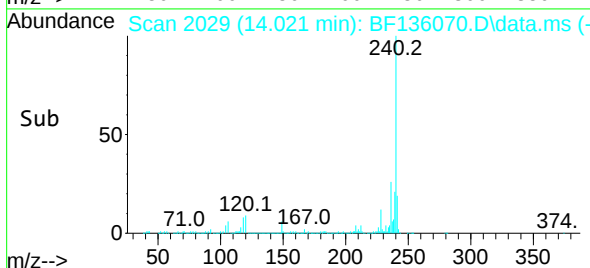
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

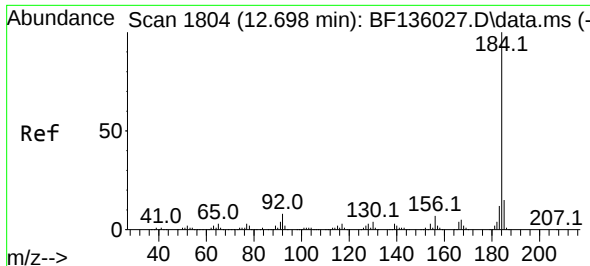


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



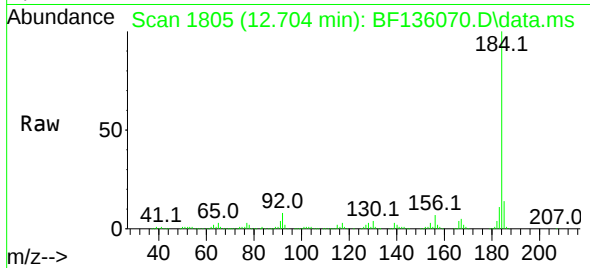
Tgt Ion:240 Resp: 290118
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 25.5 20.6 31.0





#77
Benzidine
Concen: 63.380 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

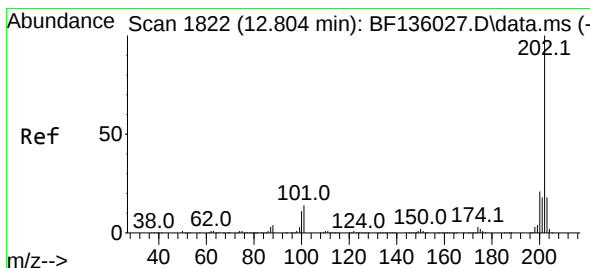
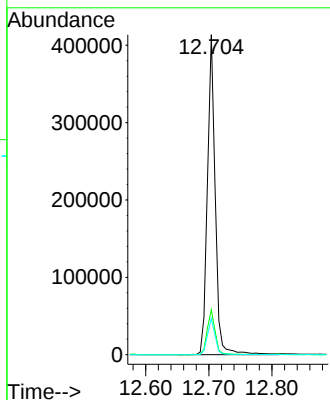
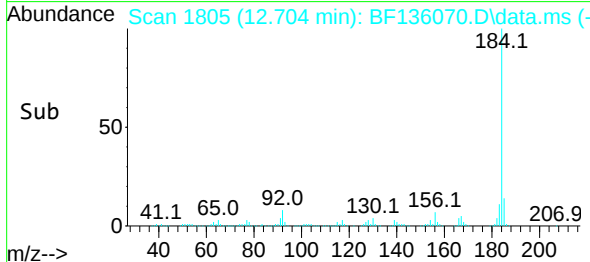
Instrument :
BNA_F
ClientSampleId :
PB156691BS



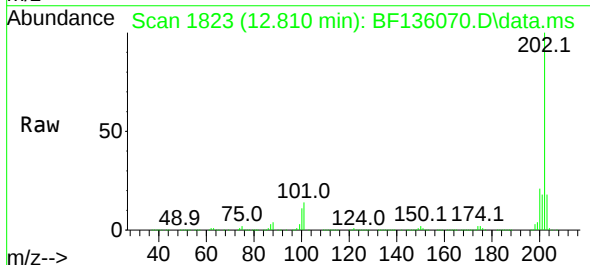
Tgt Ion:184 Resp: 358392
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 11.3 9.5 14.3

Manual Integrations
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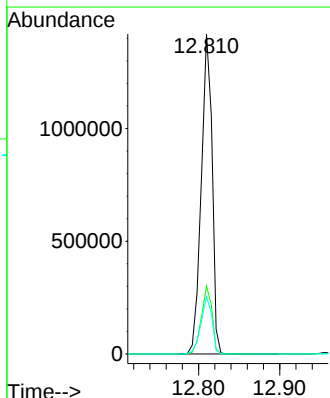
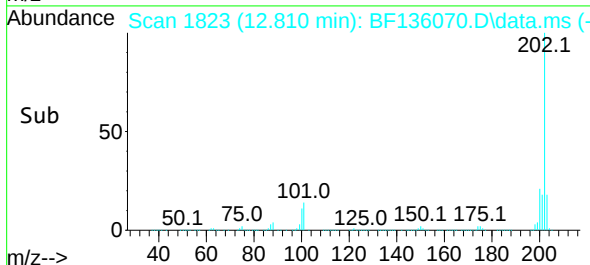
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

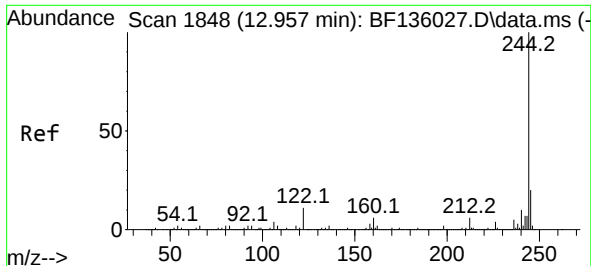


#78
Pyrene
Concen: 51.380 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



Tgt Ion:202 Resp: 1314221
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 18.0 14.4 21.6





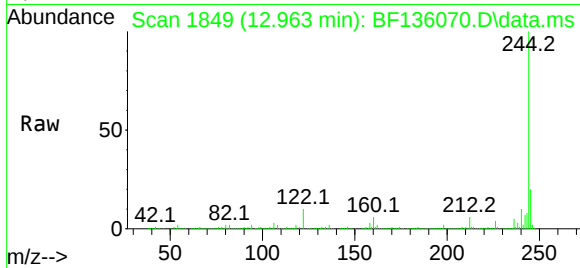
#79
 Terphenyl-d14
 Concen: 100.107 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF136070.D
 Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

PB156691BS

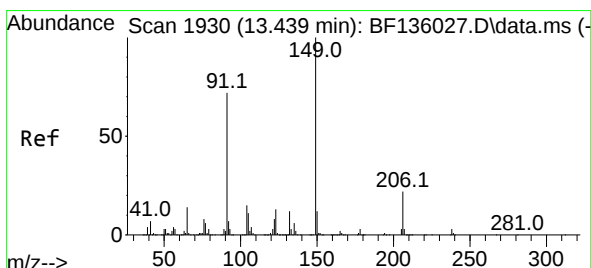
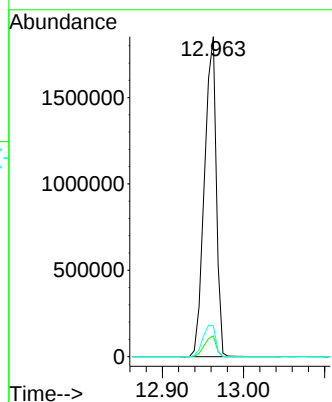
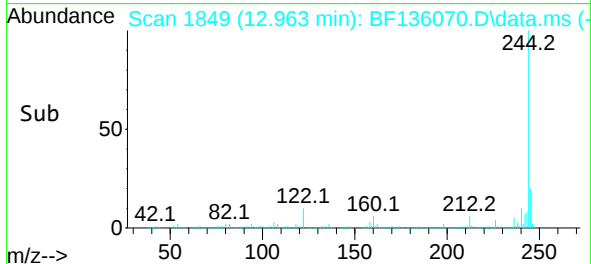


Tgt Ion:244 Resp: 1868875
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 9.7 8.6 12.8

Manual Integrations

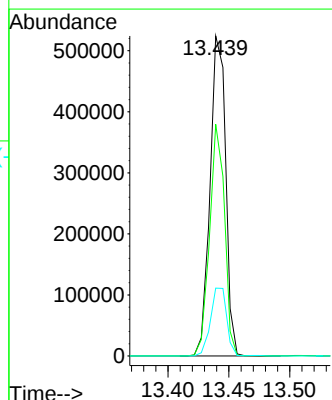
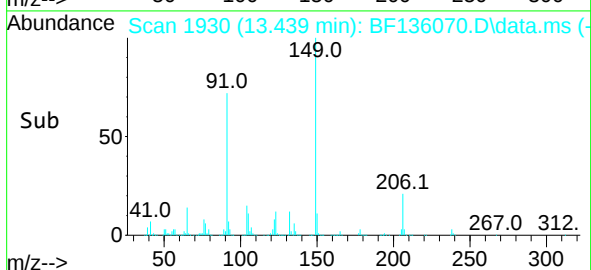
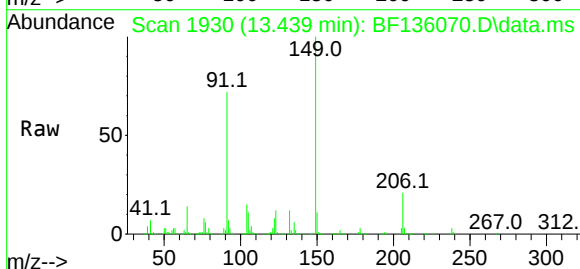
APPROVED

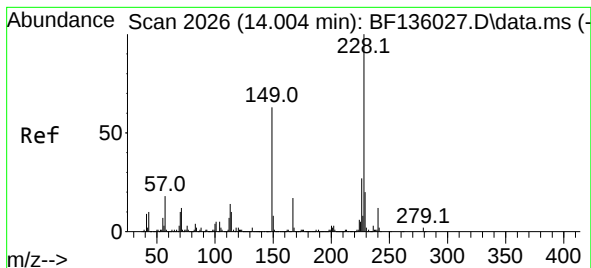
Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023



#80
 Butylbenzylphthalate
 Concen: 50.927 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF136070.D
 Acq: 01 Nov 2023 11:51

Tgt Ion:149 Resp: 466275
 Ion Ratio Lower Upper
 149 100
 91 72.4 57.6 86.4
 206 21.2 17.4 26.0





#81

Benzo(a)anthracene

Concen: 46.890 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF136070.D

Acq: 01 Nov 2023 11:51

Instrument :

BNF

ClientSampleId :

PB156691BS

Tgt Ion:228 Resp: 900609

Ion Ratio Lower Upper

228 100

226 26.6 21.5 32.3

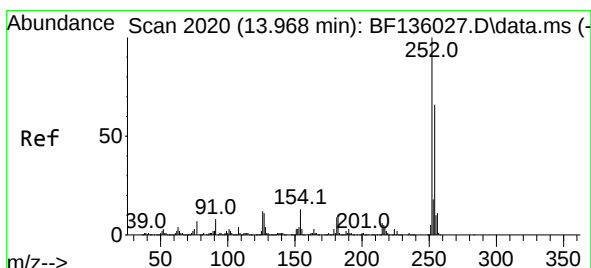
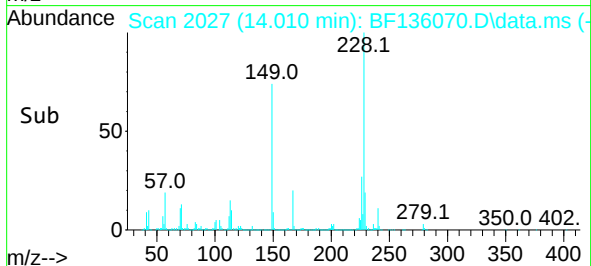
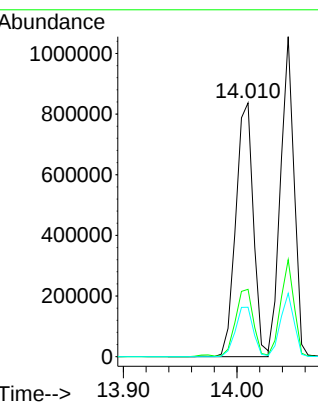
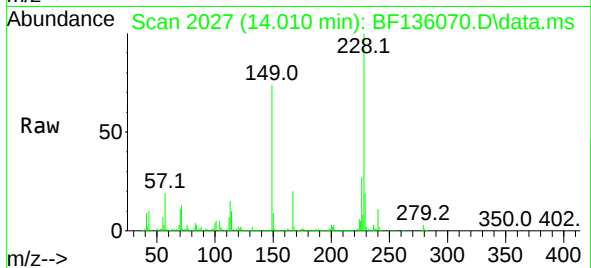
229 19.5 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#82

3,3'-Dichlorobenzidine

Concen: 47.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136070.D

Acq: 01 Nov 2023 11:51

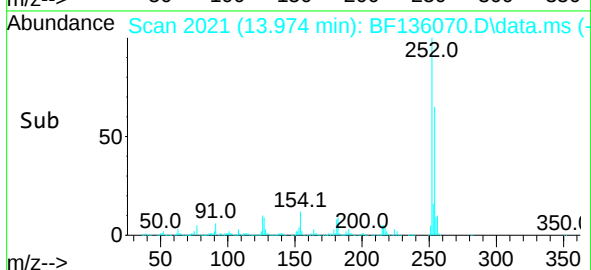
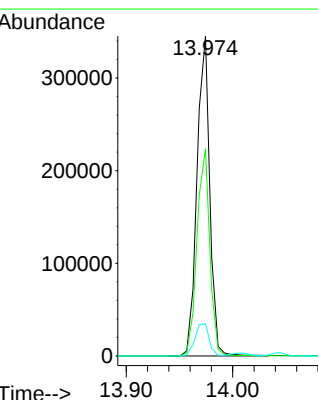
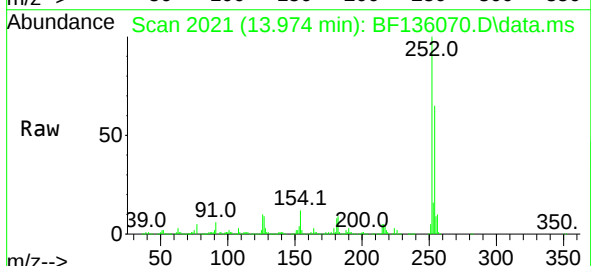
Tgt Ion:252 Resp: 288122

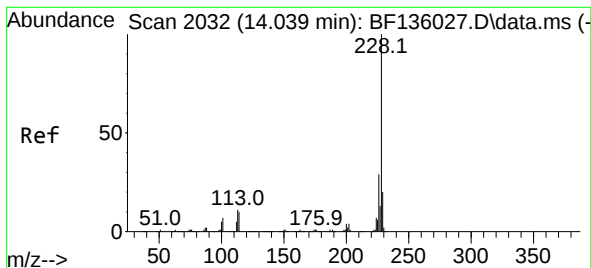
Ion Ratio Lower Upper

252 100

254 64.8 52.5 78.7

126 10.0 9.4 14.2





#83

Chrysene

Concen: 46.159 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF136070.D

Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

PB156691BS

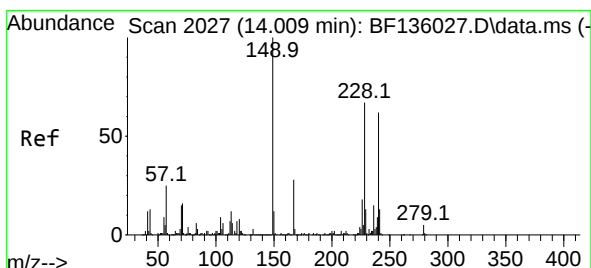
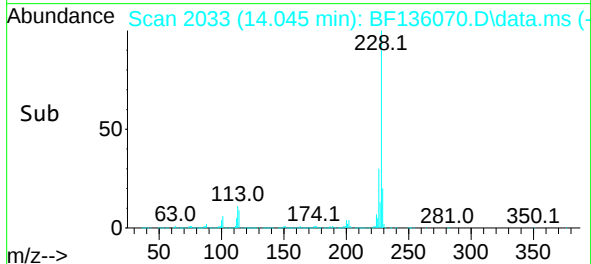
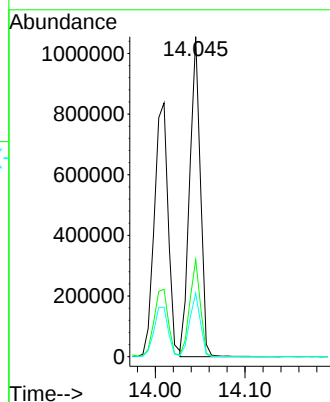
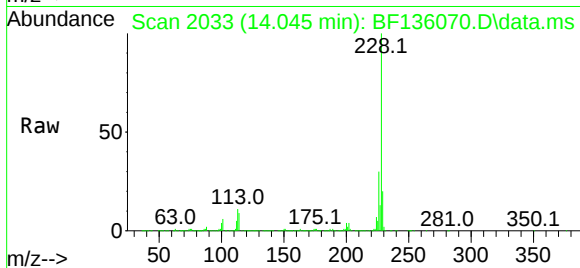
Tgt Ion:228 Resp: 873111
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.5 35.3
 229 19.8 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.878 ng

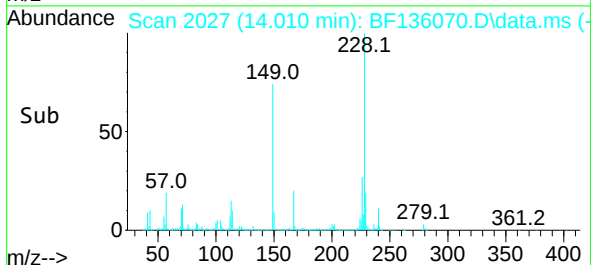
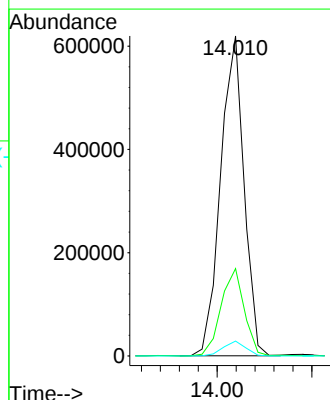
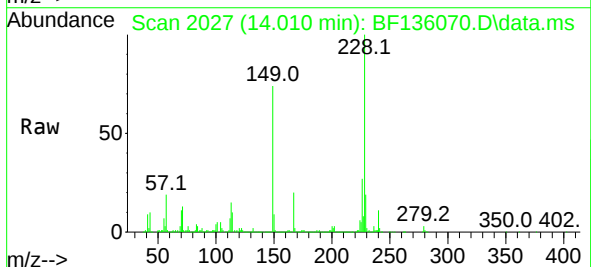
RT: 14.010 min Scan# 2027

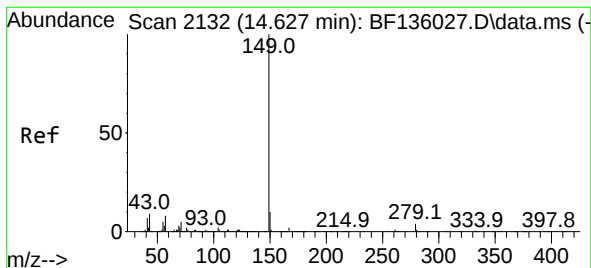
Delta R.T. 0.000 min

Lab File: BF136070.D

Acq: 01 Nov 2023 11:51

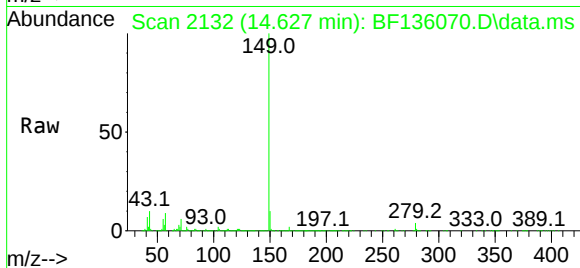
Tgt Ion:149 Resp: 532049
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.6 33.8
 279 4.7 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 51.899 ng
RT: 14.627 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

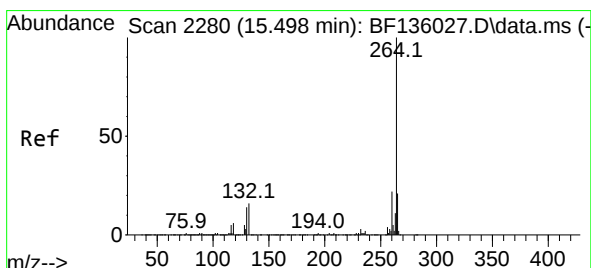
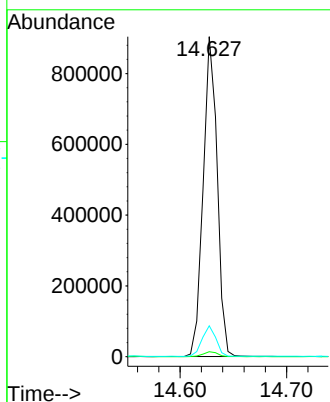
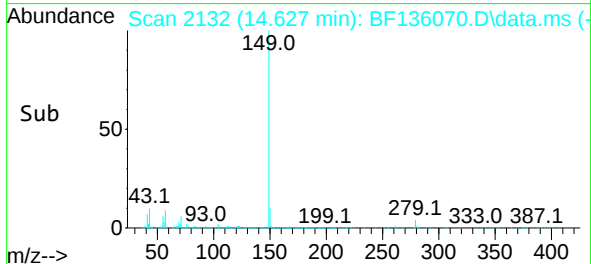
Instrument :
BNA_F
ClientSampleId :
PB156691BS



Tgt Ion:149 Resp: 829334
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.6 7.6 11.4

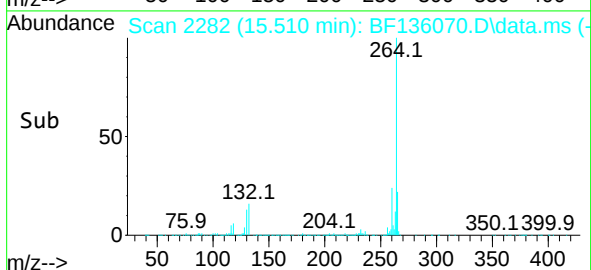
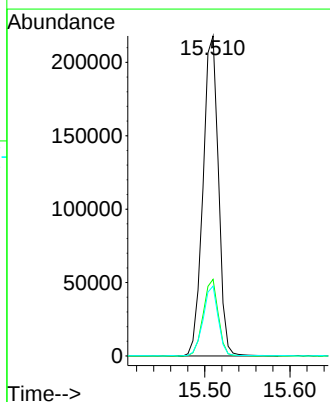
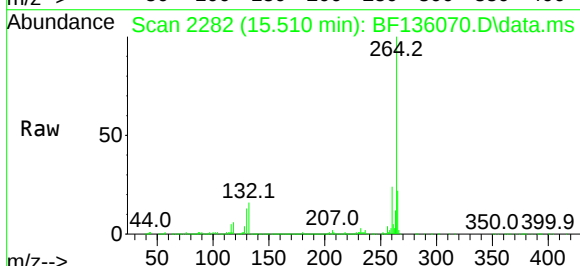
Manual Integrations
APPROVED

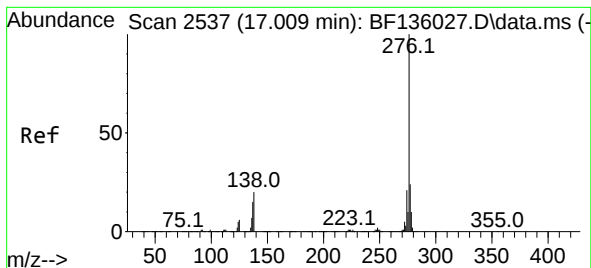
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.012 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Tgt Ion:264 Resp: 274421
Ion Ratio Lower Upper
264 100
260 24.0 17.9 26.9
265 21.9 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.684 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF136070.D

Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

PB156691BS

Tgt Ion:276 Resp: 998694

Ion Ratio Lower Upper

276 100

138 24.5 20.4 30.6

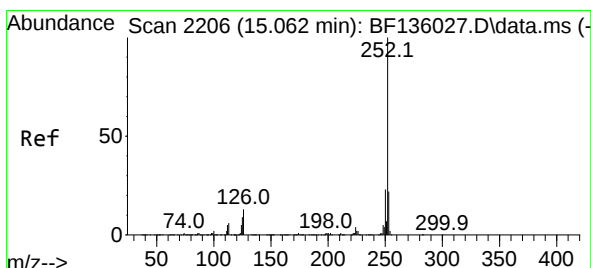
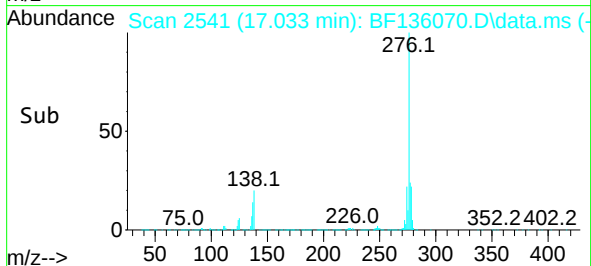
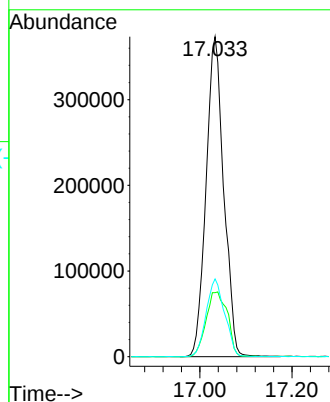
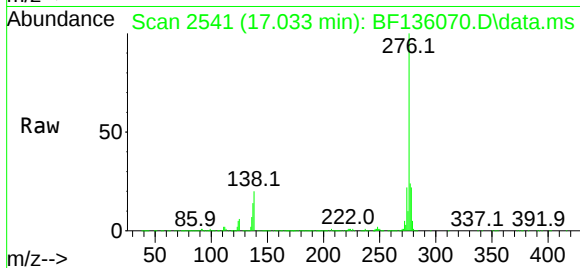
277 25.4 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#88

Benzo(b)fluoranthene

Concen: 50.267 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF136070.D

Acq: 01 Nov 2023 11:51

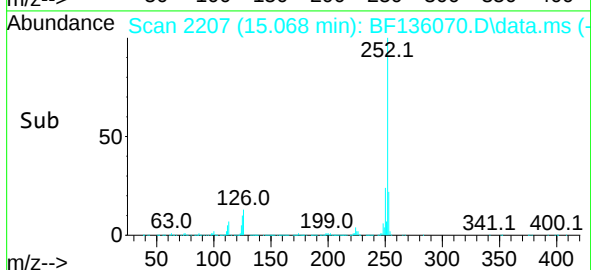
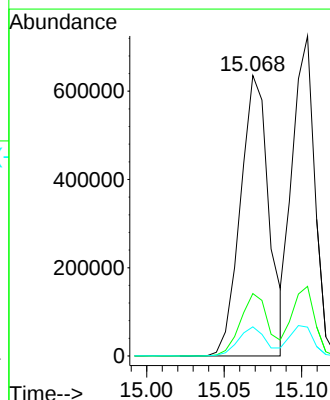
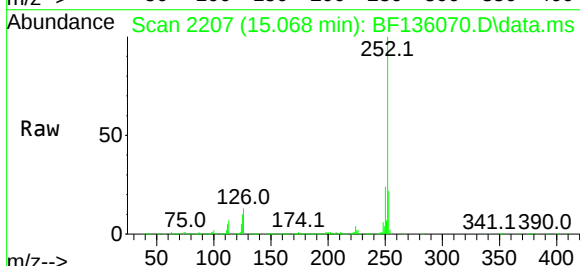
Tgt Ion:252 Resp: 816233

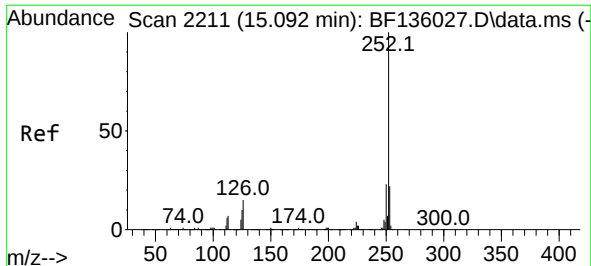
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.4 7.5 11.3





#89
Benzo(k)fluoranthene
Concen: 45.393 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

Instrument :

BNA_F

ClientSampleId :

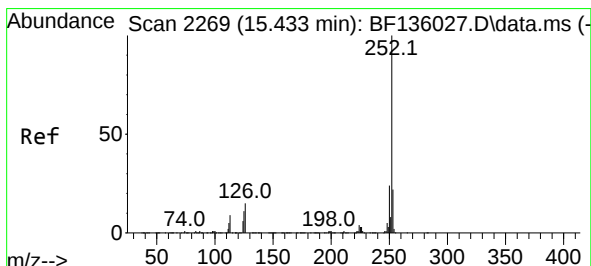
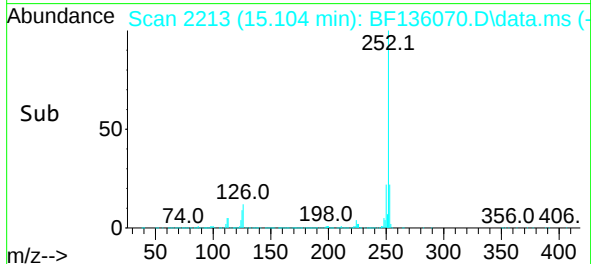
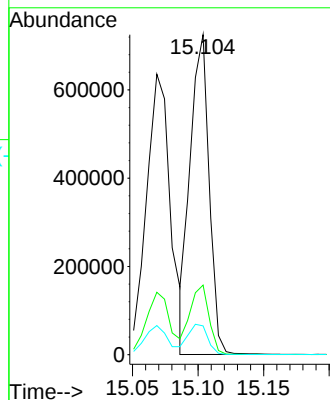
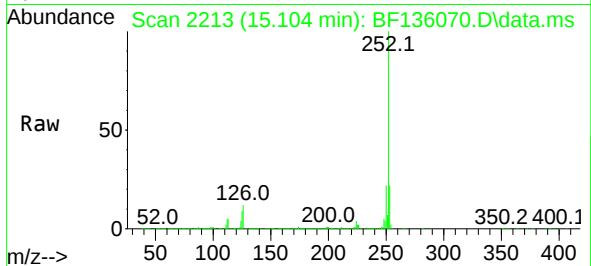
PB156691BS

Tgt Ion:252 Resp: 729312
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.0 8.0 12.0

Manual Integrations

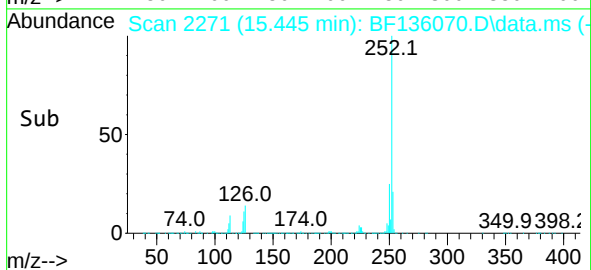
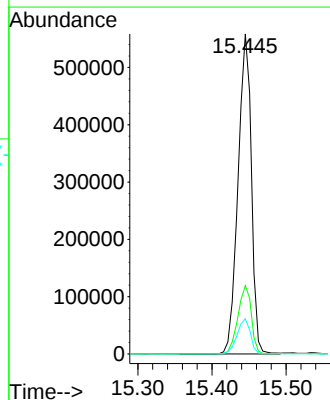
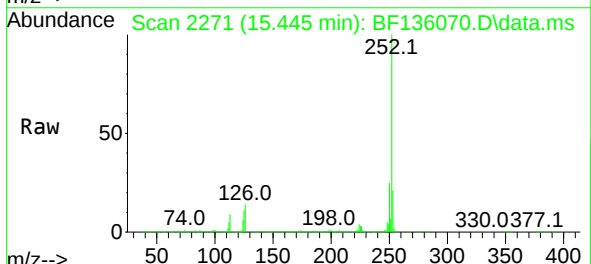
APPROVED

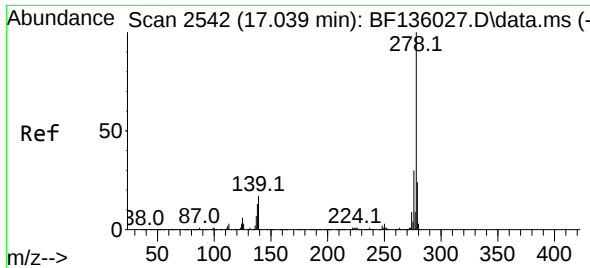
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#90
Benzo(a)pyrene
Concen: 46.278 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

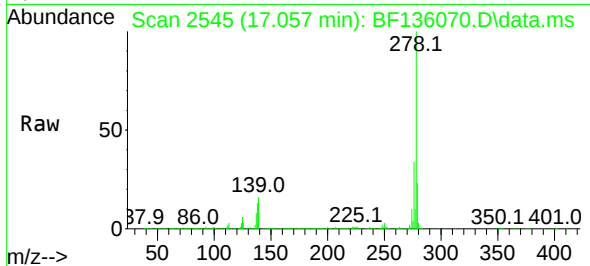
Tgt Ion:252 Resp: 698222
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 11.0 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 56.047 ng
RT: 17.057 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51

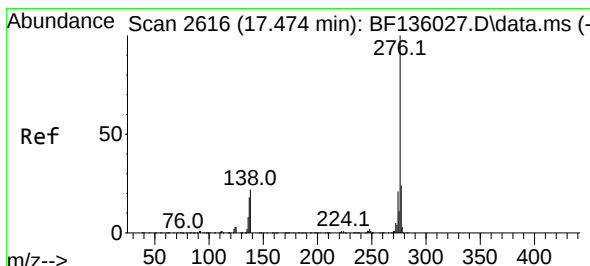
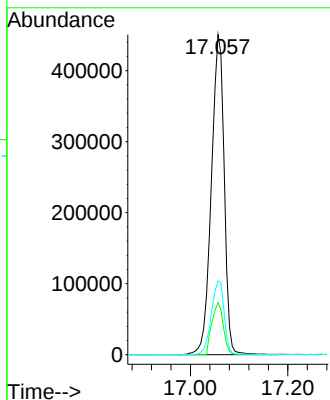
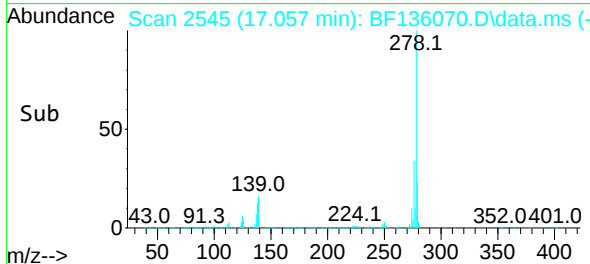
Instrument :
BNA_F
ClientSampleId :
PB156691BS



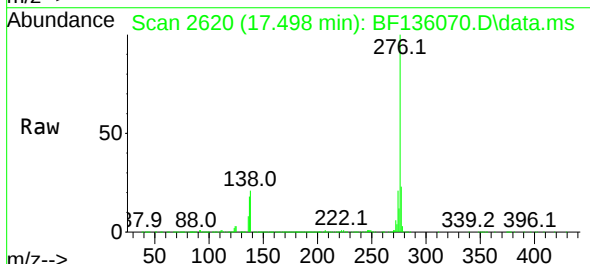
Tgt Ion:278 Resp: 82340
Ion Ratio Lower Upper
278 100
139 16.3 13.7 20.5
279 23.0 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#92
Benzo(g,h,i)perylene
Concen: 50.129 ng
RT: 17.498 min Scan# 2620
Delta R.T. 0.024 min
Lab File: BF136070.D
Acq: 01 Nov 2023 11:51



Tgt Ion:276 Resp: 840738
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 20.8 17.4 26.2

