

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
 Data File : BF136034.D
 Acq On : 30 Oct 2023 18:27
 Operator : CG\JU
 Sample : PB156520BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB156520BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 31 01:40:28 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	6.822	152	162488	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	655001	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	341007	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	637123	20.000	ng	0.00
76) Chrysene-d12	14.010	240	391046	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	338487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1362488	131.765	ng	0.01
7) Phenol-d6	6.463	99	1695715	131.620	ng	0.00
23) Nitrobenzene-d5	7.392	82	991131	91.218	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	499820	137.320	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1813802	84.790	ng	0.00
79) Terphenyl-d14	12.957	244	2187904	86.948	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	194328	43.159	ng	98
3) Pyridine	3.428	79	435294	35.419	ng	97
4) n-Nitrosodimethylamine	3.393	42	236261	45.978	ng	99
6) Aniline	6.487	93	592059	35.495	ng	100
8) 2-Chlorophenol	6.610	128	532800	48.195	ng	97
10) Phenol	6.475	94	636097m	47.736	ng	
11) bis(2-Chloroethyl)ether	6.563	93	493234	47.281	ng	97
12) 1,3-Dichlorobenzene	6.763	146	551035	47.891	ng	96
13) 1,4-Dichlorobenzene	6.839	146	558733	48.455	ng	97
14) 1,2-Dichlorobenzene	6.992	146	531997	49.341	ng	98
15) Benzyl Alcohol	6.969	79	424255	46.443	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	684608	47.678	ng	99
17) 2-Methylphenol	7.081	107	415045	44.256	ng	98
18) Hexachloroethane	7.334	117	194990	48.112	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	336868	45.762	ng	99
20) 3+4-Methylphenols	7.234	107	498597	43.599	ng	99
22) Acetophenone	7.239	105	689932	47.502	ng	98
24) Nitrobenzene	7.410	77	512713	46.650	ng	98
25) Isophorone	7.645	82	953579	46.487	ng	100
26) 2-Nitrophenol	7.722	139	259271	51.704	ng	98
27) 2,4-Dimethylphenol	7.763	122	457656	48.298	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	582513	46.347	ng	99
29) 2,4-Dichlorophenol	7.963	162	424532	47.524	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	463786	47.592	ng	99
31) Naphthalene	8.128	128	1444538	45.734	ng	99
32) Benzoic acid	7.892	122	340136	45.148	ng	99
33) 4-Chloroaniline	8.175	127	425121	30.734	ng	99
34) Hexachlorobutadiene	8.245	225	262617	46.992	ng	99
35) Caprolactam	8.551	113	147979m	50.945	ng	
36) 4-Chloro-3-methylphenol	8.657	107	449284	47.907	ng	98
37) 2-Methylnaphthalene	8.822	142	933499	44.077	ng	99
38) 1-Methylnaphthalene	8.916	142	888196	45.065	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	440874	45.333	ng	99
41) Hexachlorocyclopentadiene	8.975	237	527663	101.558	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	301893	47.610	ng	99
44) 2,4,5-Trichlorophenol	9.145	196	326741	44.483	ng	98

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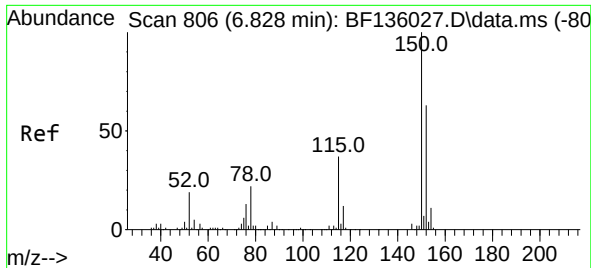
Quant Time: Oct 31 01:40:28 2023
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 QLast Update : Tue Oct 31 01:13:02 2023
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Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.286	154	1180867	45.426	ng	99
47) 2-Chloronaphthalene	9.310	162	897061	46.810	ng	99
48) 2-Nitroaniline	9.404	65	280755	49.503	ng	99
49) Acenaphthylene	9.727	152	1371951	45.891	ng	99
50) Dimethylphthalate	9.592	163	1031796	45.871	ng	99
51) 2,6-Dinitrotoluene	9.651	165	236236	49.105	ng	98
52) Acenaphthene	9.898	154	887318	46.688	ng	98
53) 3-Nitroaniline	9.822	138	220987	39.368	ng	99
54) 2,4-Dinitrophenol	9.927	184	243527	92.064	ng	98
55) Dibenzofuran	10.075	168	1260674	45.491	ng	99
56) 4-Nitrophenol	9.980	139	430670	102.567	ng	87
57) 2,4-Dinitrotoluene	10.057	165	312576	51.353	ng	95
58) Fluorene	10.416	166	933020	44.967	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	281343	48.178	ng	100
60) Diethylphthalate	10.298	149	997350	46.406	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	457785	44.199	ng	100
62) 4-Nitroaniline	10.439	138	262444	48.553	ng	98
63) Azobenzene	10.569	77	954997	46.140	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	169459	48.357	ng	92
66) n-Nitrosodiphenylamine	10.533	169	877887	45.677	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	312585	46.796	ng	99
68) Hexachlorobenzene	10.963	284	350448	49.123	ng	98
69) Atrazine	11.063	200	201833	38.597	ng	100
70) Pentachlorophenol	11.157	266	401279	87.583	ng	98
71) Phenanthrene	11.380	178	1493078	46.543	ng	100
72) Anthracene	11.433	178	1514618	46.077	ng	99
73) Carbazole	11.592	167	1369324	47.937	ng	99
74) Di-n-butylphthalate	11.927	149	1525156	46.726	ng	99
75) Fluoranthene	12.574	202	1552646	47.114	ng	99
77) Benzidine	12.698	184	414338	54.362	ng	99
78) Pyrene	12.804	202	1598614	46.368	ng	100
80) Butylbenzylphthalate	13.439	149	608855	49.336	ng	97
81) Benzo(a)anthracene	14.004	228	1234847	47.699	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	390527	47.263	ng	98
83) Chrysene	14.039	228	1205018	47.264	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	710315	49.403	ng	98
85) Di-n-octyl phthalate	14.627	149	1143998	53.113	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	1095715	49.530	ng	100
88) Benzo(b)fluoranthene	15.062	252	999848	49.920	ng	99
89) Benzo(k)fluoranthene	15.092	252	998839	50.402	ng	99
90) Benzo(a)pyrene	15.433	252	859160	46.167	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	913539	50.413	ng	99
92) Benzo(g,h,i)perylene	17.474	276	925392	45.044	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136034.D
 Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

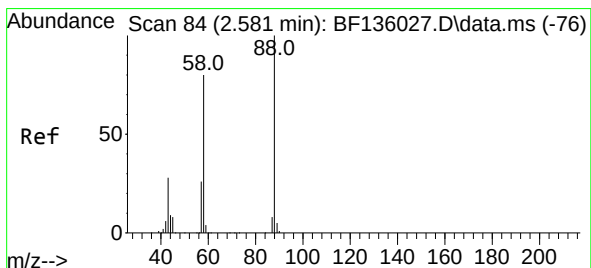
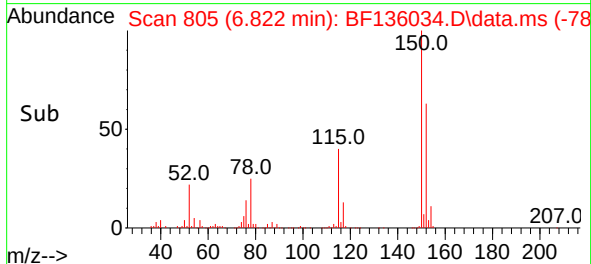
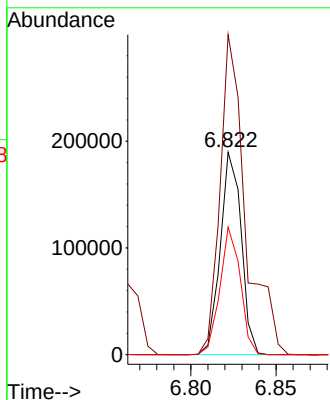
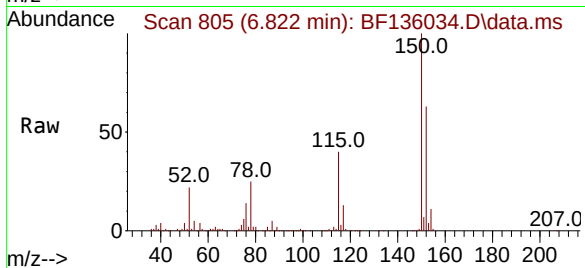
ClientSampleId :

PB156520BS

Tgt Ion:152 Resp: 16248
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.4 189.6
 115 63.0 47.0 70.4

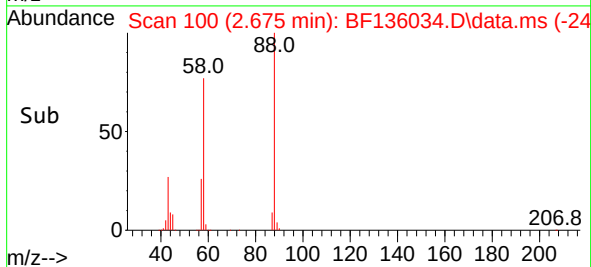
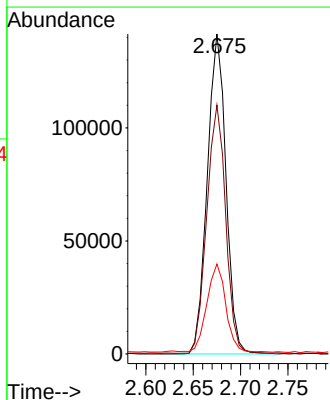
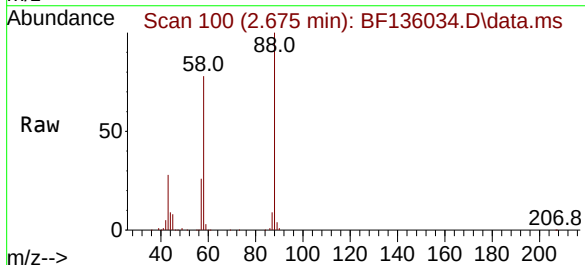
Manual Integrations
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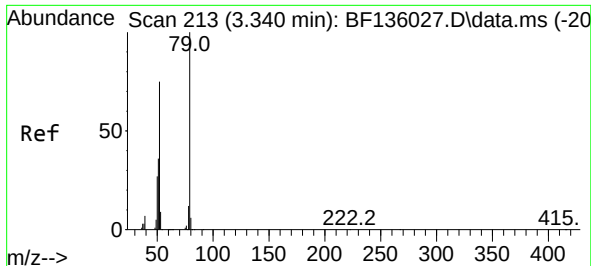
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023



#2
 1,4-Dioxane
 Concen: 43.159 ng
 RT: 2.675 min Scan# 100
 Delta R.T. 0.094 min
 Lab File: BF136034.D
 Acq: 30 Oct 2023 18:27

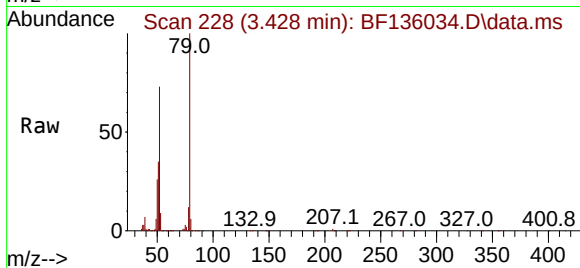
Tgt Ion: 88 Resp: 194328
 Ion Ratio Lower Upper
 88 100
 58 78.4 64.3 96.5
 43 28.0 22.3 33.5





#3
Pyridine
Concen: 35.419 ng
RT: 3.428 min Scan# 213
Delta R.T. 0.088 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

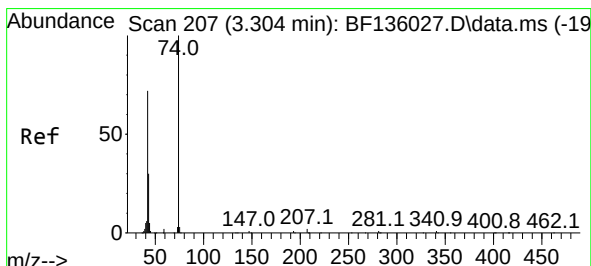
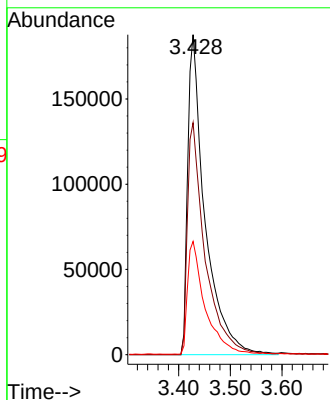
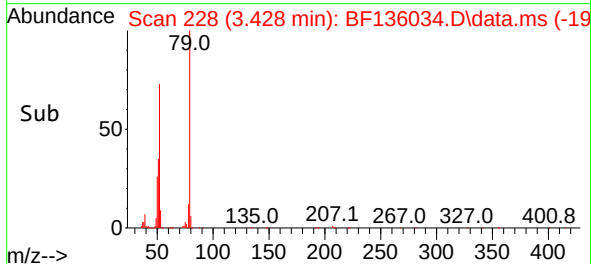
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BNA_F
ClientSampleId :
PB156520BS



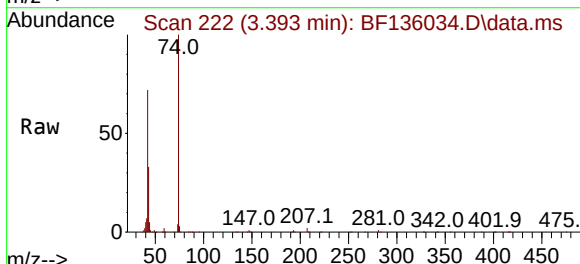
Tgt Ion: 79 Resp: 435294
Ion Ratio Lower Upper
79 100
52 72.5 60.3 90.5
51 35.4 29.3 43.9

Manual Integrations
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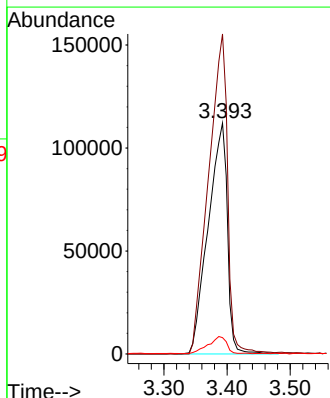
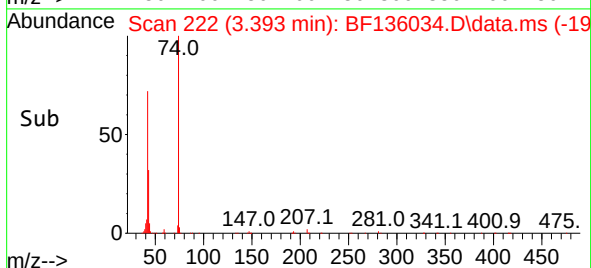
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

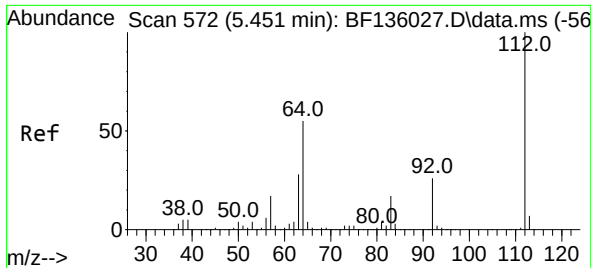


#4
n-Nitrosodimethylamine
Concen: 45.978 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27



Tgt Ion: 42 Resp: 236261
Ion Ratio Lower Upper
42 100
74 138.6 111.8 167.6
44 7.1 6.2 9.4





#5
2-Fluorophenol
Concen: 131.765 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

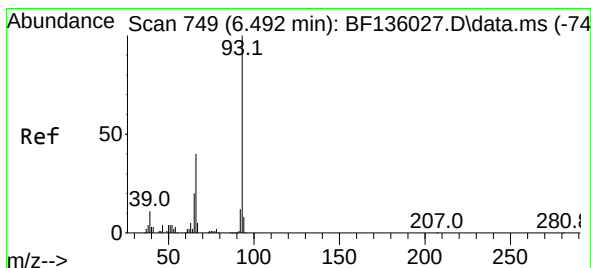
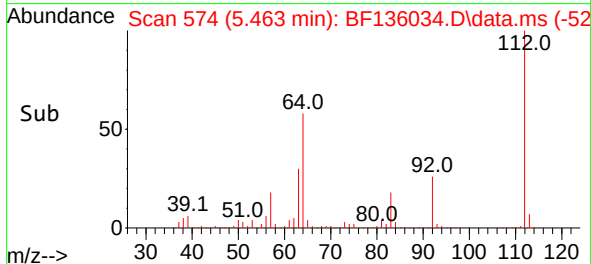
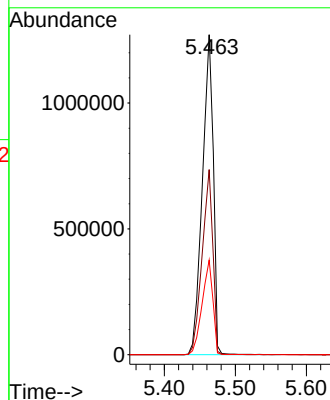
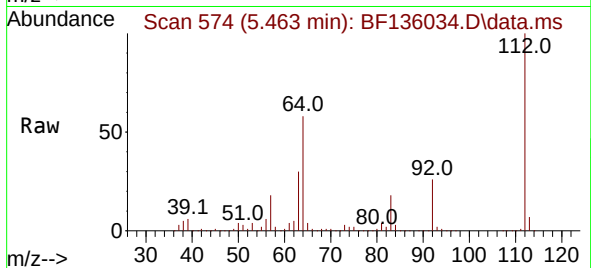
PB156520BS

Tgt Ion:112 Resp: 136248
Ion Ratio Lower Upper
112 100
64 57.9 43.9 65.9
63 29.6 22.4 33.6

Manual Integrations

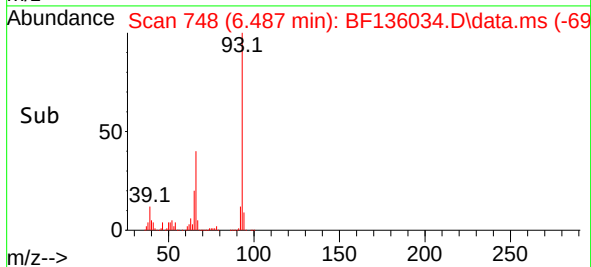
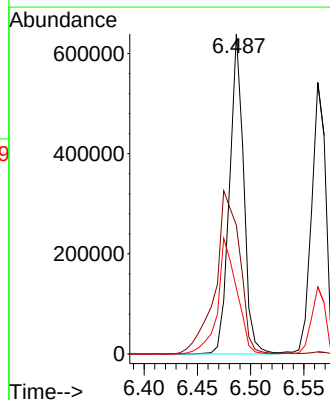
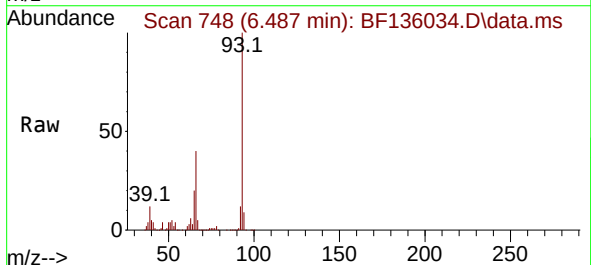
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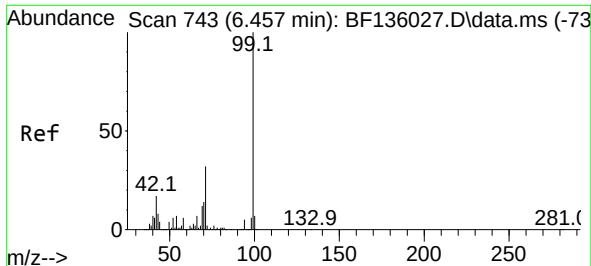
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#6
Aniline
Concen: 35.495 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion: 93 Resp: 592059
Ion Ratio Lower Upper
93 100
66 40.3 32.4 48.6
65 20.5 16.2 24.2





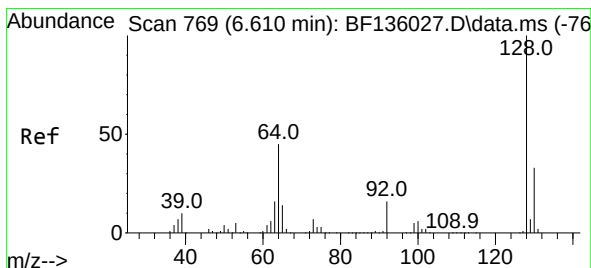
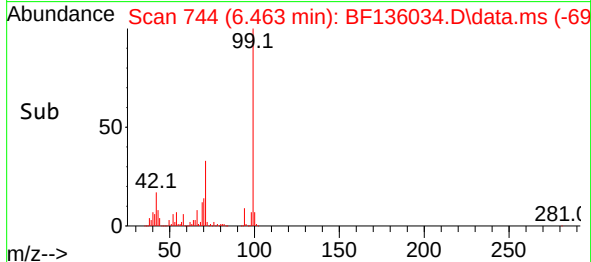
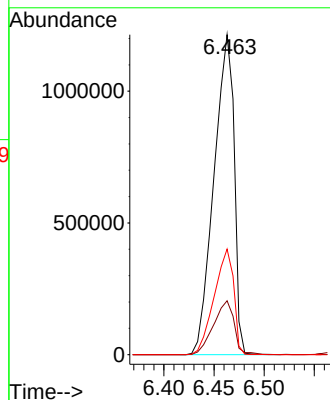
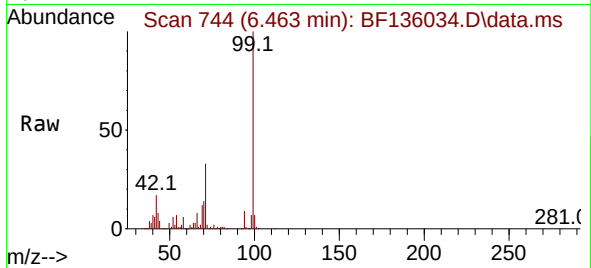
#7
Phenol-d6
Concen: 131.620 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :
BNA_F
ClientSampleId :
PB156520BS

Tgt Ion: 99 Resp: 169571
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 33.0 25.9 38.9

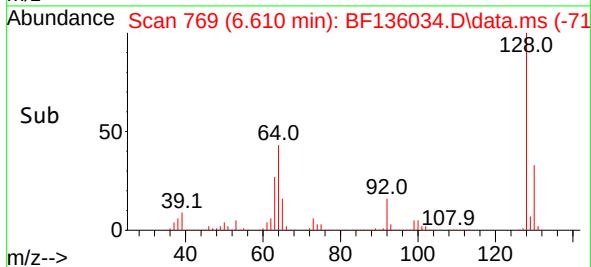
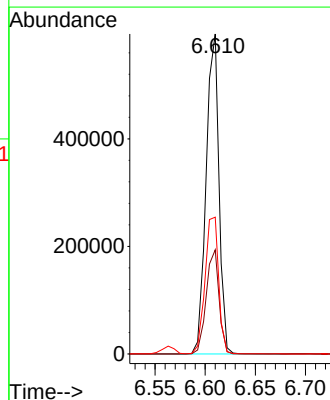
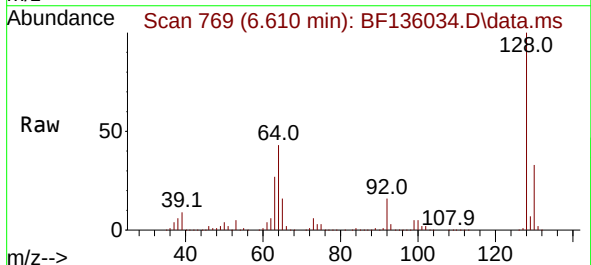
Manual Integrations
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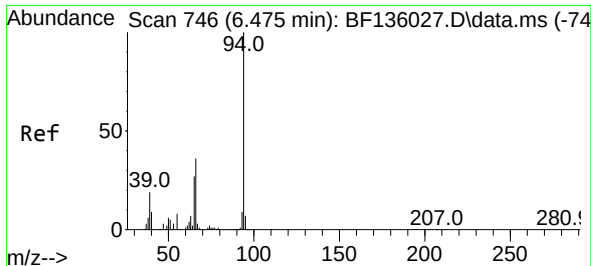
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#8
2-Chlorophenol
Concen: 48.195 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

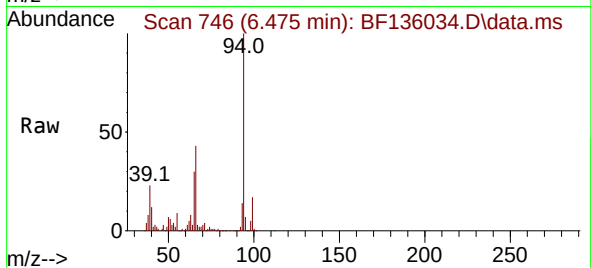
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Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 42.8 25.8 65.8





#10
Phenol
Concen: 47.736 ng m
RT: 6.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

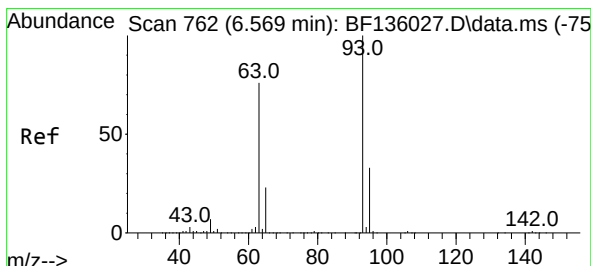
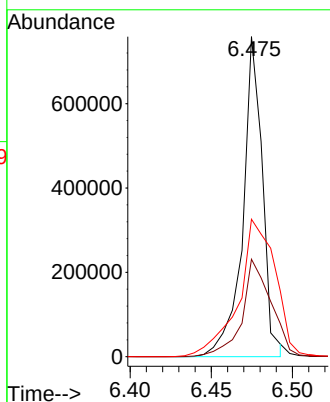
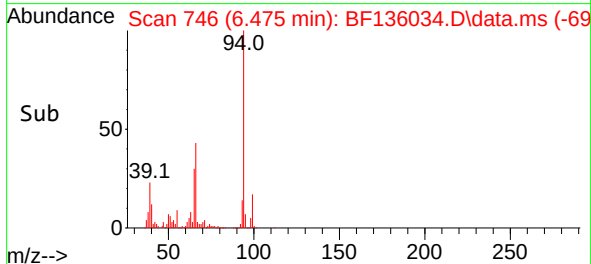
Instrument :
BNA_F
ClientSampleId :
PB156520BS



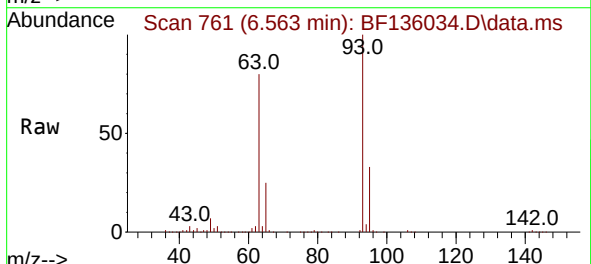
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Ion Ratio Lower Upper
94 100
65 30.5 7.5 47.5
66 42.9 17.1 57.1

Manual Integrations
APPROVED

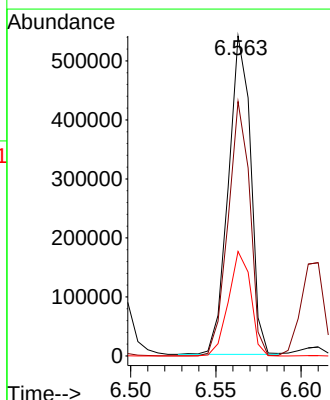
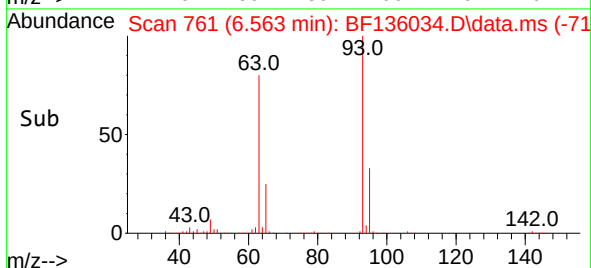
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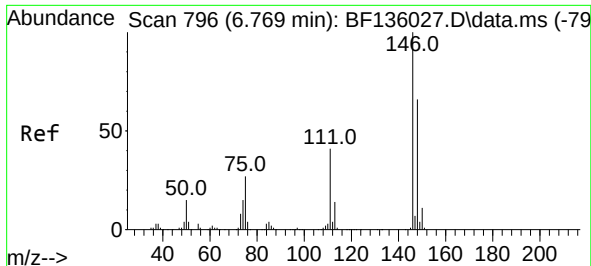


#11
bis(2-Chloroethyl)ether
Concen: 47.281 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27



Tgt Ion: 93 Resp: 493234
Ion Ratio Lower Upper
93 100
63 79.5 55.8 95.8
95 32.6 12.9 52.9





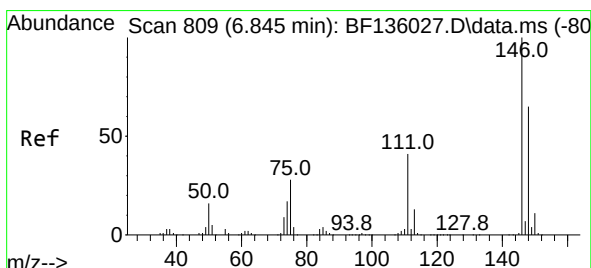
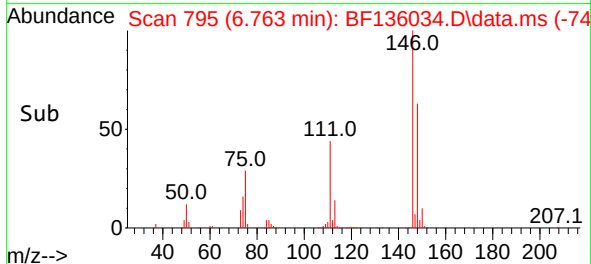
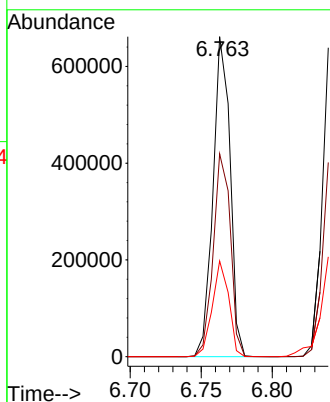
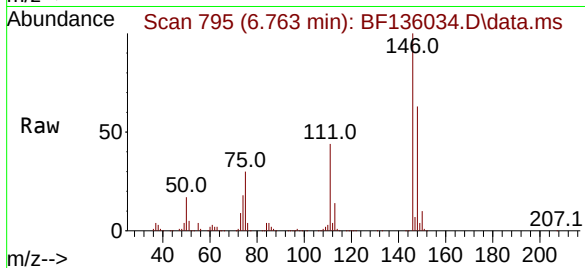
#12
1,3-Dichlorobenzene
Concen: 47.891 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :
BNA_F
ClientSampleId :
PB156520BS

Tgt Ion:146 Resp: 551033
Ion Ratio Lower Upper
146 100
148 63.4 52.6 78.8
75 29.9 21.6 32.4

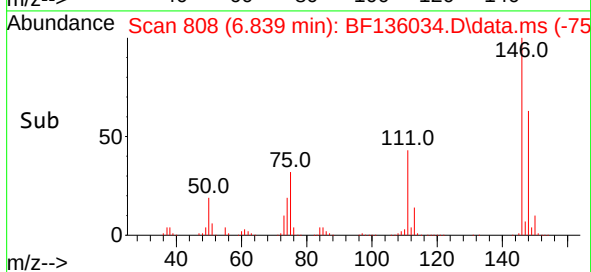
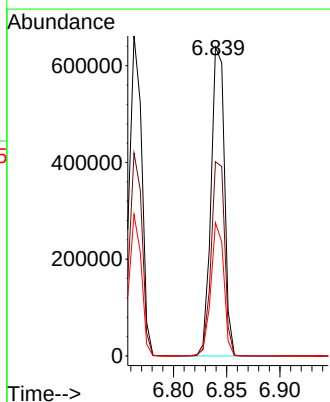
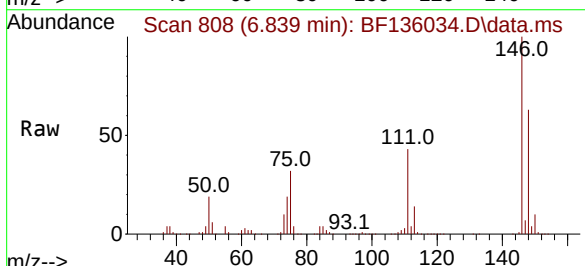
Manual Integrations
APPROVED

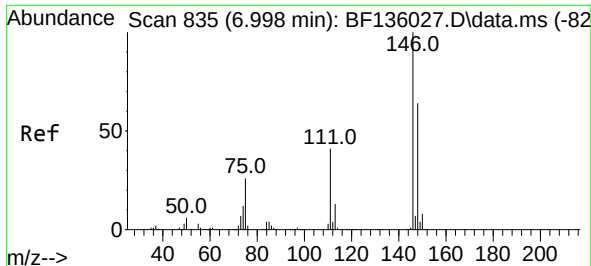
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#13
1,4-Dichlorobenzene
Concen: 48.455 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:146 Resp: 558733
Ion Ratio Lower Upper
146 100
148 62.9 52.1 78.1
111 43.1 32.6 48.8





#14
1,2-Dichlorobenzene
Concen: 49.341 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

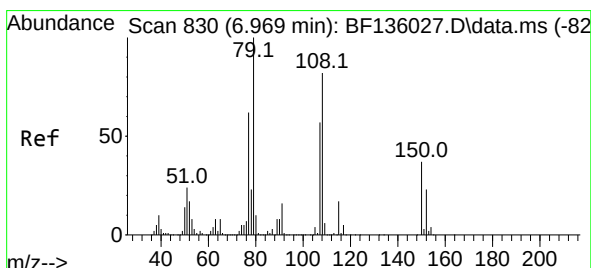
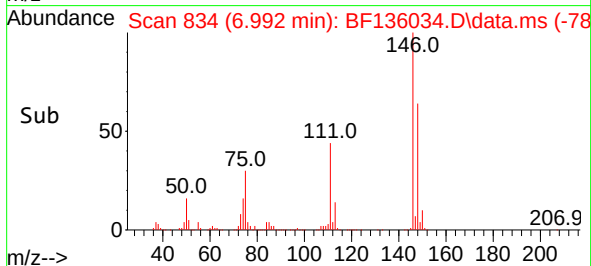
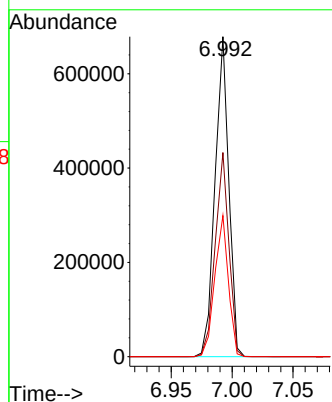
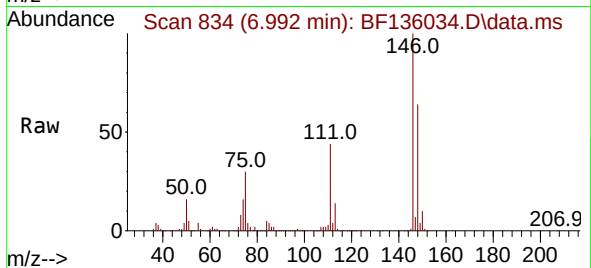
ClientSampleId :

PB156520BS

Tgt Ion:146 Resp: 53199
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 44.1 33.0 49.4

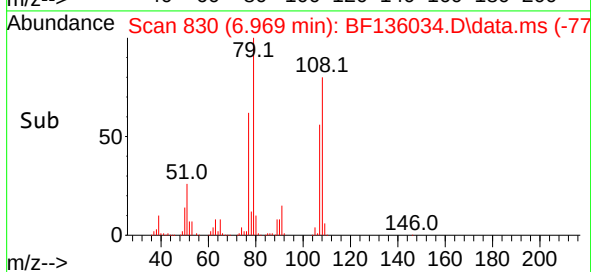
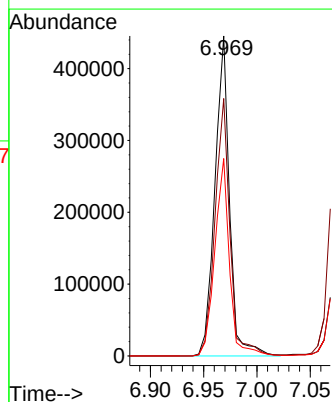
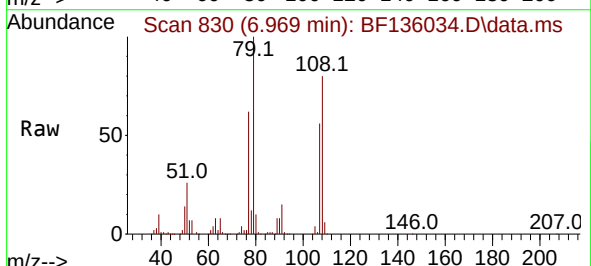
Manual Integrations
APPROVED

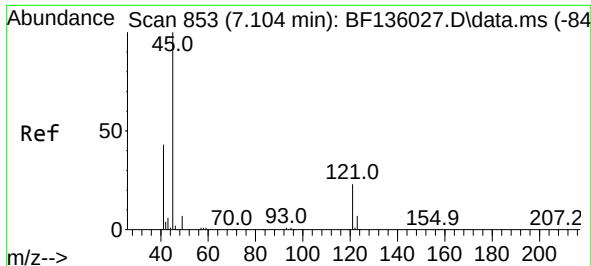
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#15
Benzyl Alcohol
Concen: 46.443 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

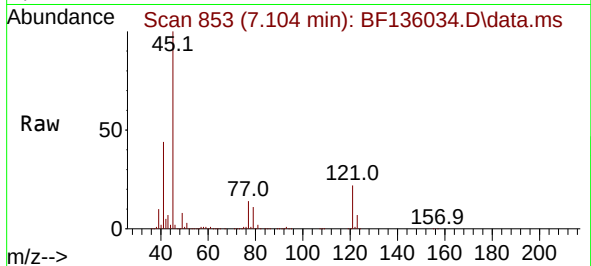
Tgt Ion: 79 Resp: 424255
Ion Ratio Lower Upper
79 100
108 80.5 65.9 98.9
77 61.7 49.4 74.2





#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.678 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

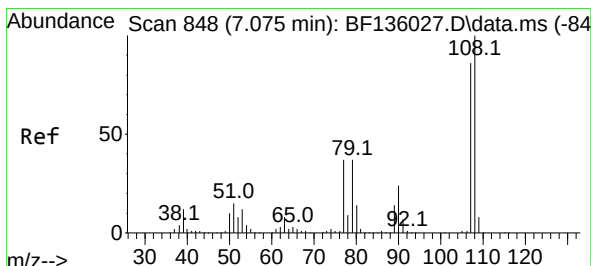
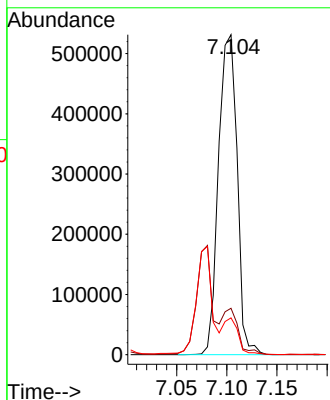
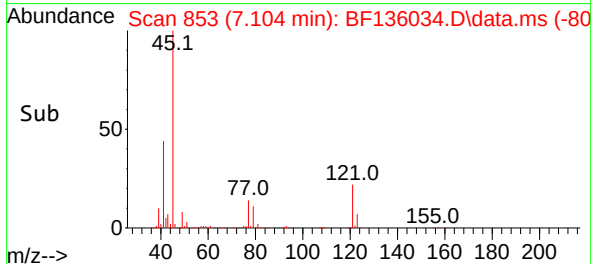
Instrument :
BNA_F
ClientSampleId :
PB156520BS



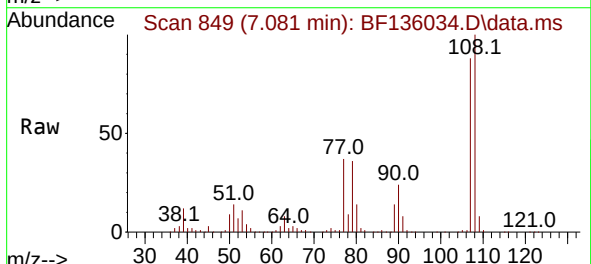
Tgt Ion: 45 Resp: 684608
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.6
79 11.5 0.0 30.6

Manual Integrations
APPROVED

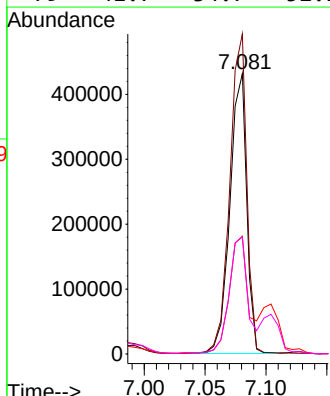
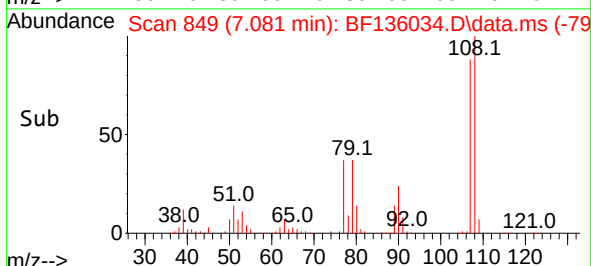
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

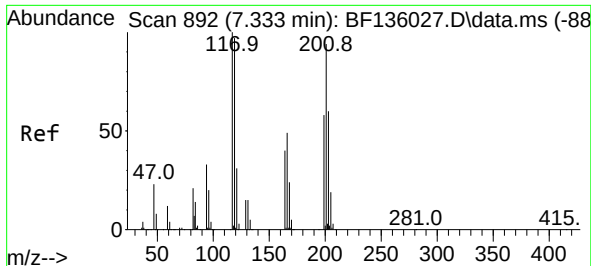


#17
2-Methylphenol
Concen: 44.256 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27



Tgt Ion:107 Resp: 415045
Ion Ratio Lower Upper
107 100
108 114.2 93.4 140.2
77 42.0 34.4 51.6
79 41.7 34.7 52.1





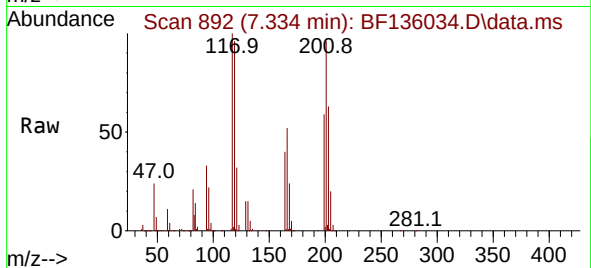
#18
Hexachloroethane
Concen: 48.112 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

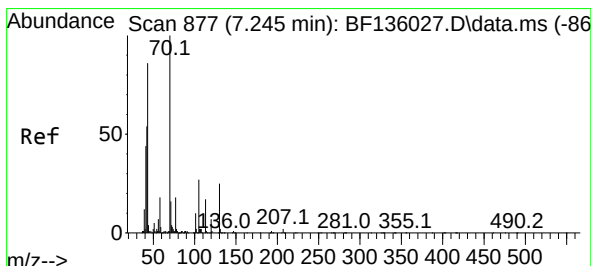
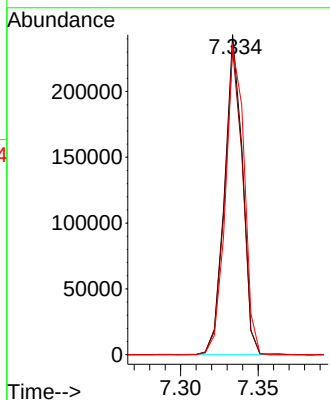
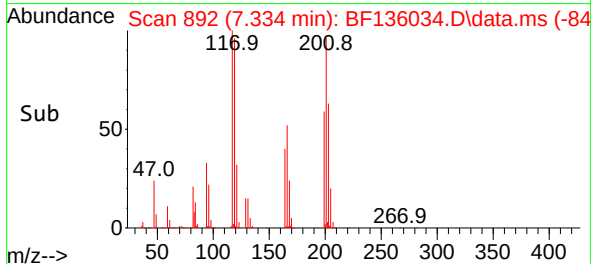


Tgt Ion:117 Resp: 194990
Ion Ratio Lower Upper
117 100
119 95.7 77.7 116.5
201 96.1 75.0 112.6

Manual Integrations

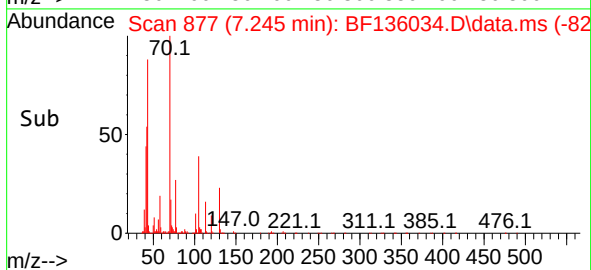
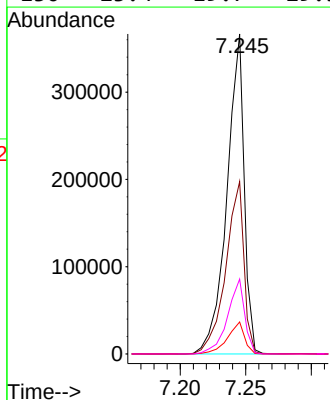
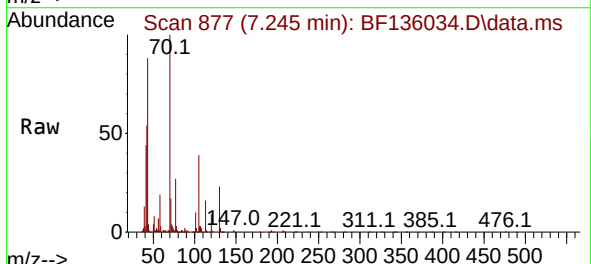
APPROVED

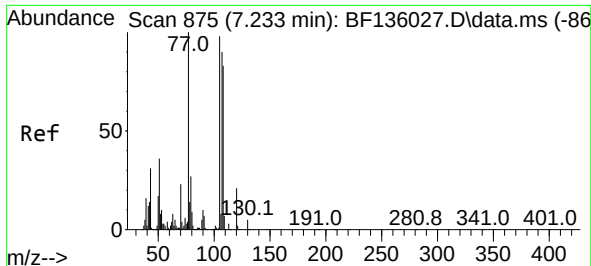
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#19
n-Nitroso-di-n-propylamine
Concen: 45.762 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion: 70 Resp: 336868
Ion Ratio Lower Upper
70 100
42 53.9 43.0 64.4
101 10.0 8.0 12.0
130 23.4 19.7 29.5





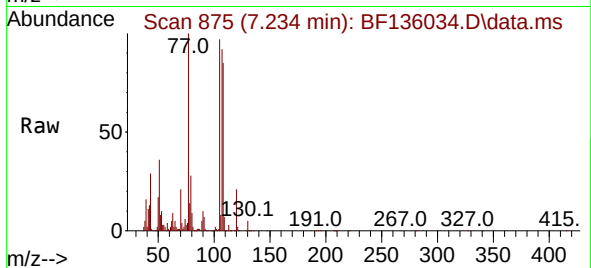
#20
3+4-Methylphenols
Concen: 43.599 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS



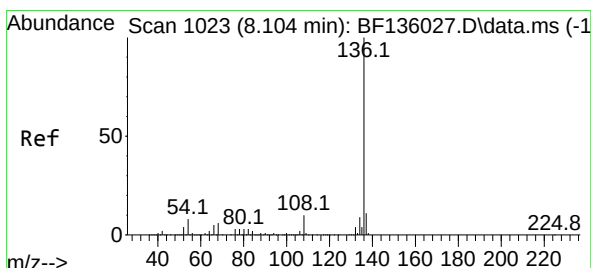
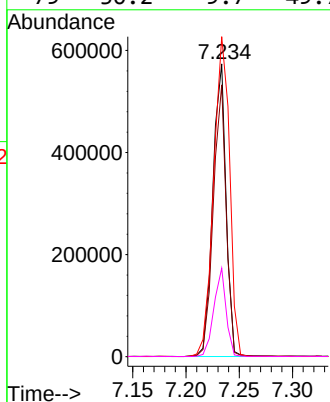
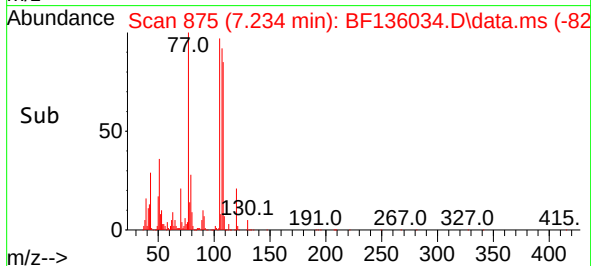
Tgt Ion:107 Resp: 49859
Ion Ratio Lower Upper
107 100
108 92.8 72.3 112.3
77 109.3 91.4 131.4
79 30.2 9.7 49.7

Manual Integrations

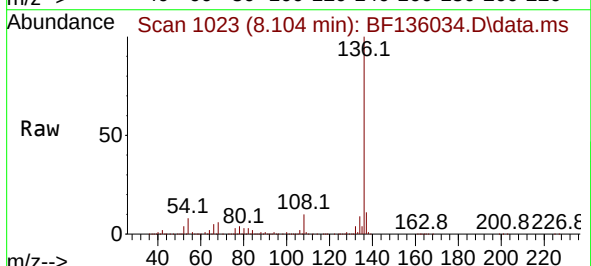
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

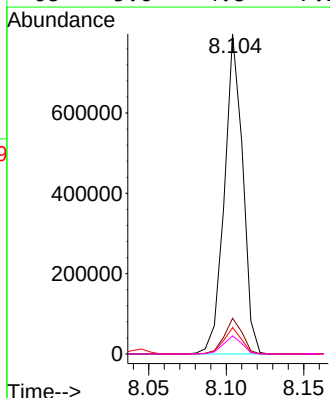
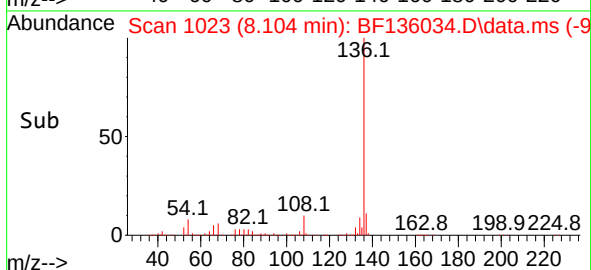
Supervised By :mohammad ahmed 10/31/2023

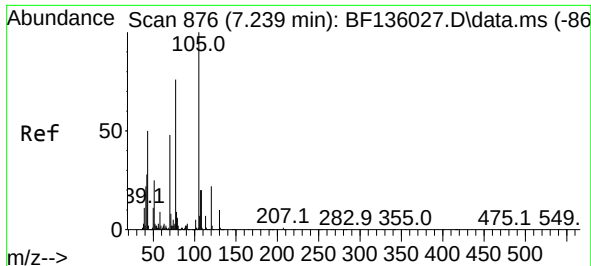


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27



Tgt Ion:136 Resp: 655001
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.3 6.6 9.8
68 5.6 4.8 7.2





#22
Acetophenone
Concen: 47.502 ng
RT: 7.239 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

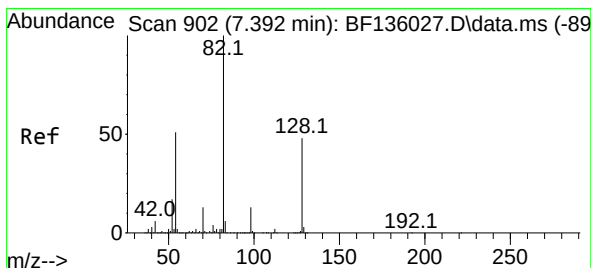
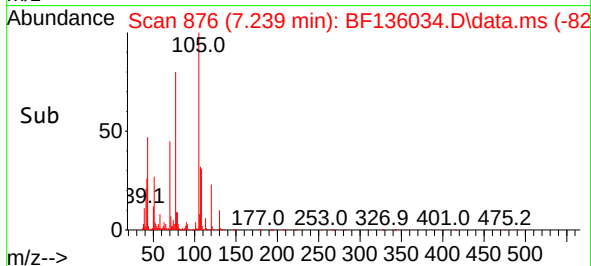
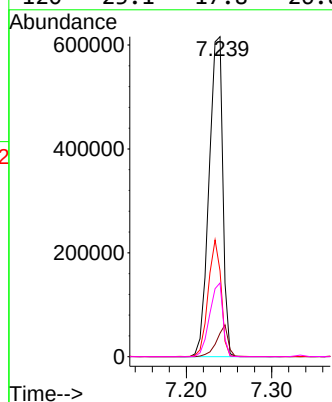
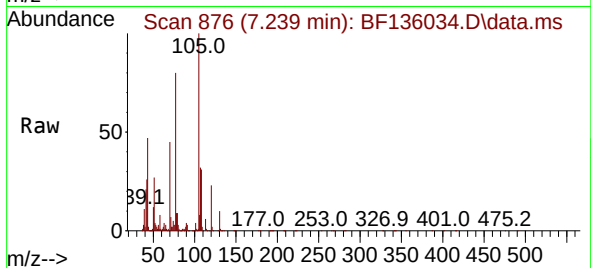
PB156520BS

Tgt Ion:105 Resp: 68993
Ion Ratio Lower Upper
105 100
71 7.3 6.5 9.7
51 26.8 20.3 30.5
120 23.1 17.8 26.8

Manual Integrations

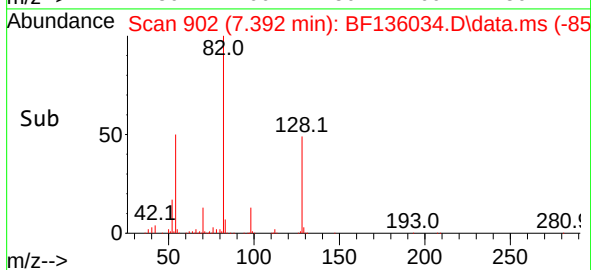
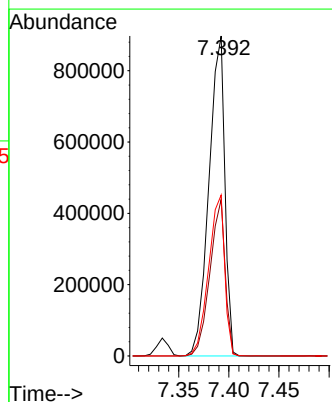
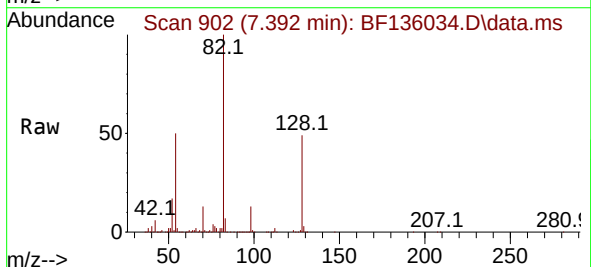
APPROVED

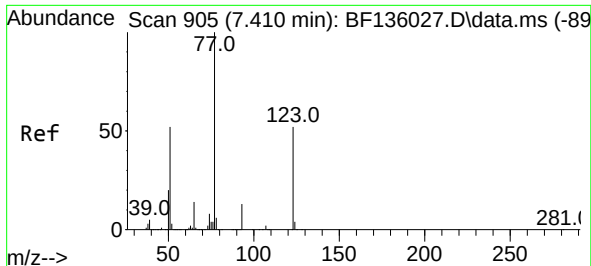
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#23
Nitrobenzene-d5
Concen: 91.218 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion: 82 Resp: 991131
Ion Ratio Lower Upper
82 100
128 48.9 38.6 57.8
54 50.3 40.8 61.2





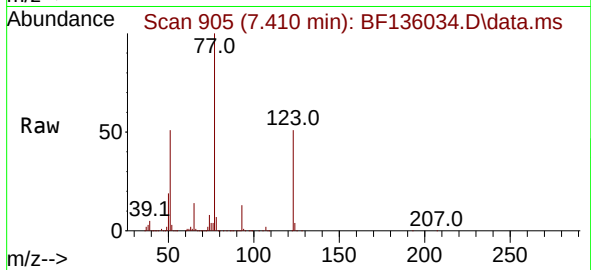
#24
Nitrobenzene
Concen: 46.650 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

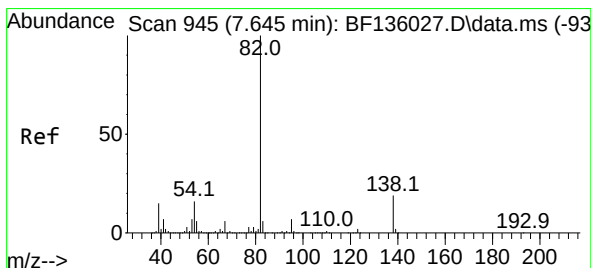
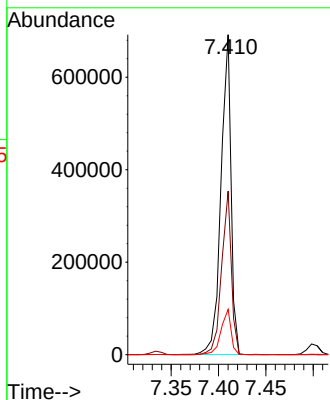
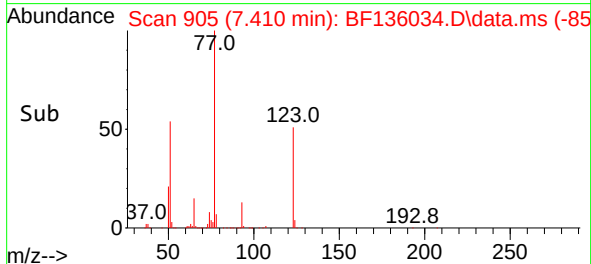


Tgt Ion: 77 Resp: 512711
Ion Ratio Lower Upper
77 100
123 51.1 42.3 63.5
65 14.2 11.0 16.6

Manual Integrations

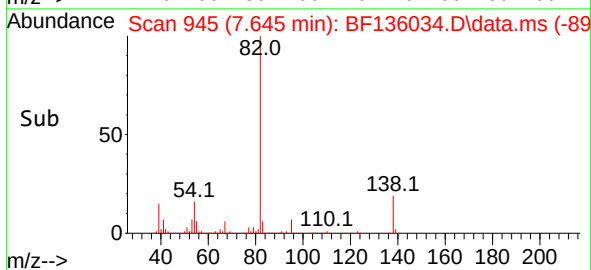
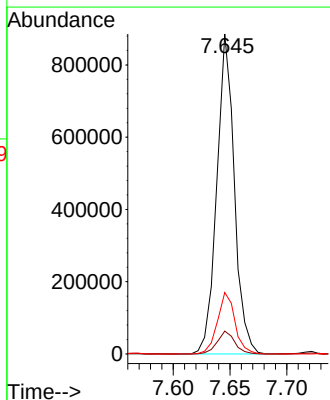
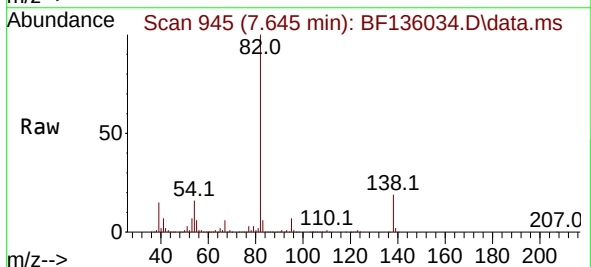
APPROVED

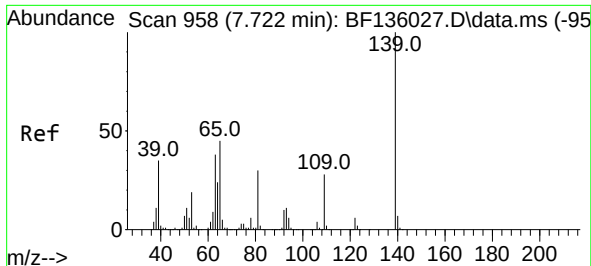
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#25
Isophorone
Concen: 46.487 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion: 82 Resp: 953579
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 19.2 15.3 22.9





#26
2-Nitrophenol
Concen: 51.704 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

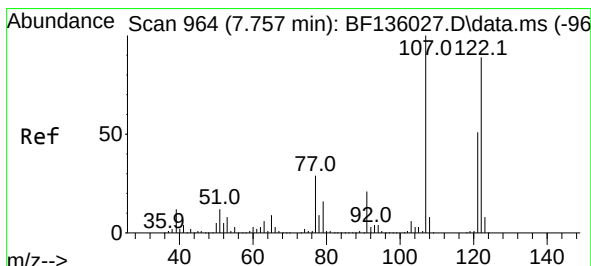
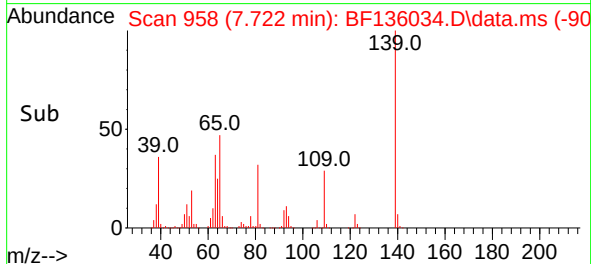
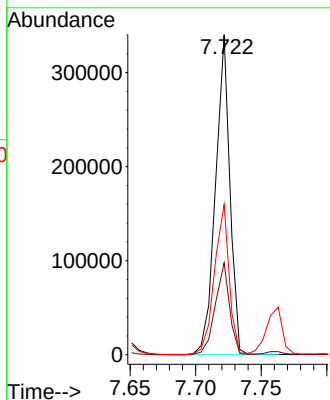
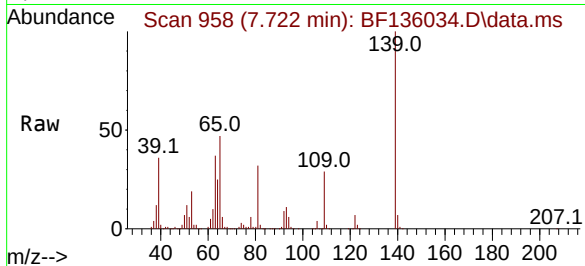
ClientSampleId :

PB156520BS

Tgt Ion:139 Resp: 25927
Ion Ratio Lower Upper
139 100
109 28.7 22.6 34.0
65 46.9 36.3 54.5

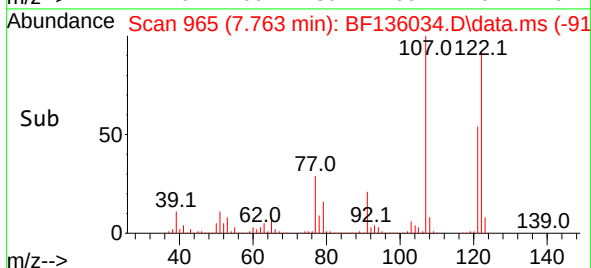
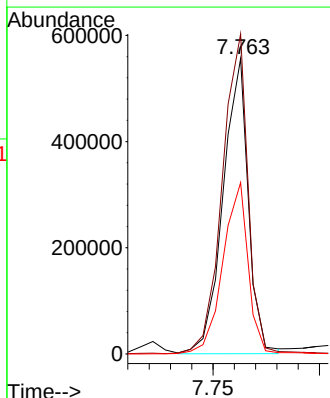
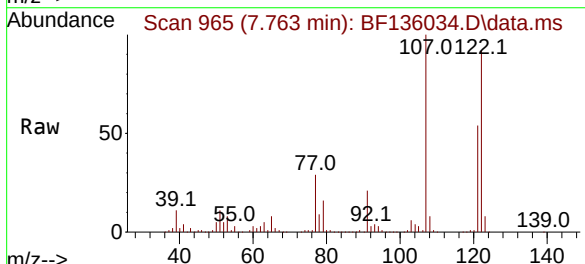
Manual Integrations
APPROVED

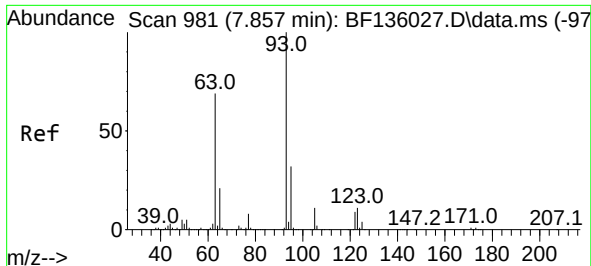
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#27
2,4-Dimethylphenol
Concen: 48.298 ng
RT: 7.763 min Scan# 965
Delta R.T. 0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:122 Resp: 457656
Ion Ratio Lower Upper
122 100
107 108.3 89.6 134.4
121 58.0 46.0 69.0





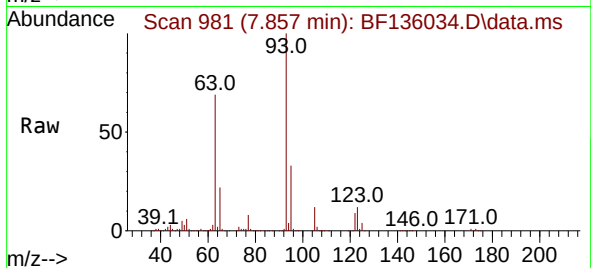
#28
bis(2-Chloroethoxy)methane
Concen: 46.347 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

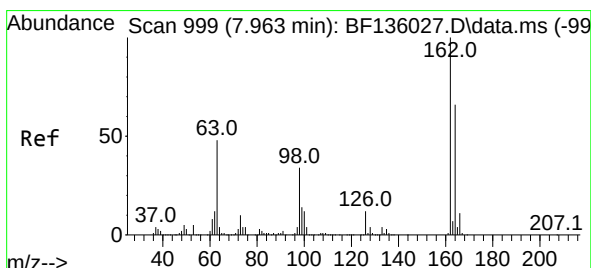
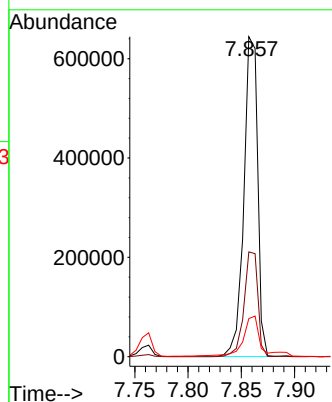
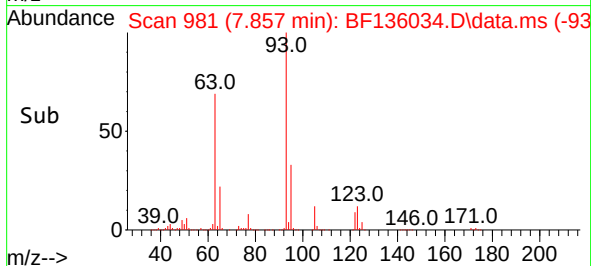


Tgt Ion: 93 Resp: 58251
Ion Ratio Lower Upper
93 100
95 32.7 25.7 38.5
123 11.9 9.1 13.7

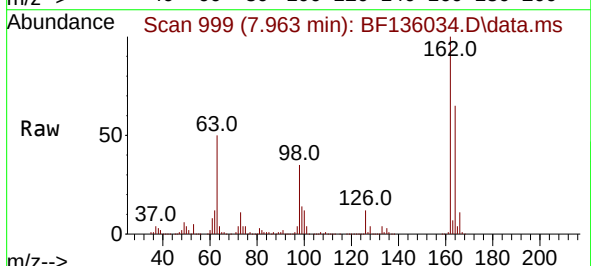
Manual Integrations

APPROVED

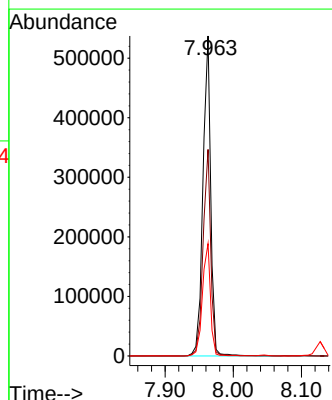
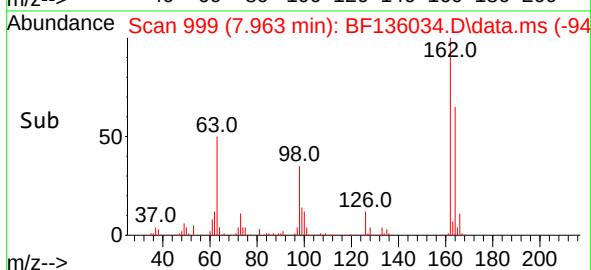
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

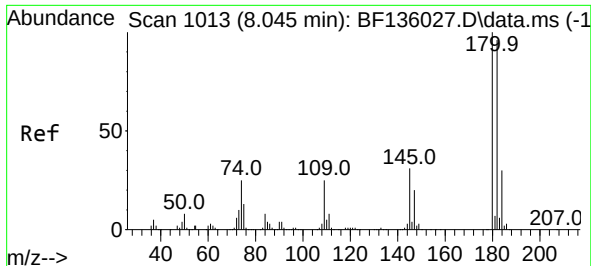


#29
2,4-Dichlorophenol
Concen: 47.524 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27



Tgt Ion:162 Resp: 424532
Ion Ratio Lower Upper
162 100
164 64.5 45.5 85.5
98 35.1 14.4 54.4





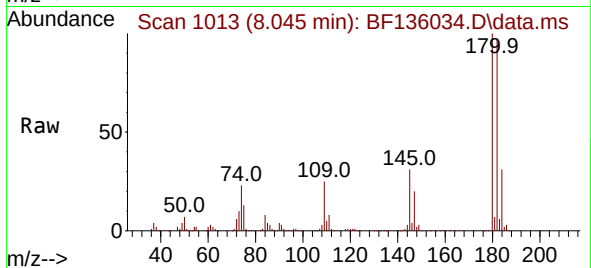
#30
1,2,4-Trichlorobenzene
Concen: 47.592 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

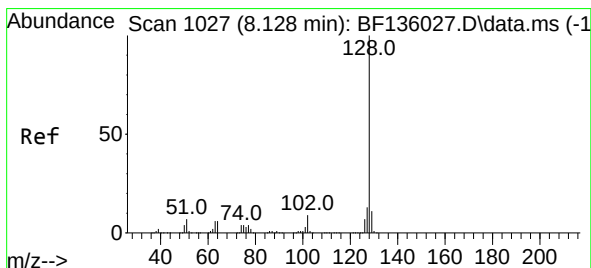
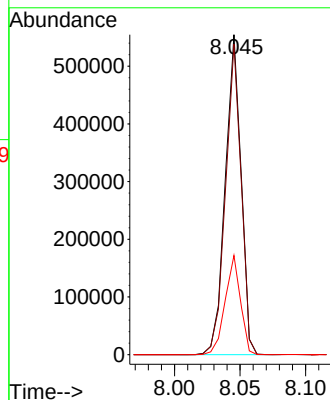
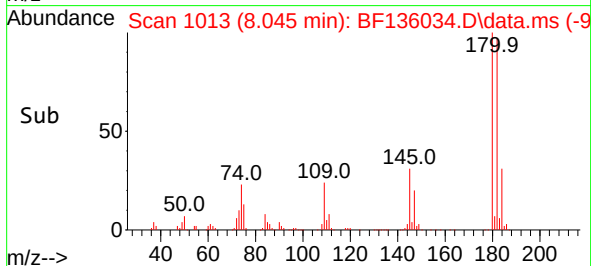


Tgt Ion:180 Resp: 463780
Ion Ratio Lower Upper
180 100
182 97.0 76.9 115.3
145 31.0 24.7 37.1

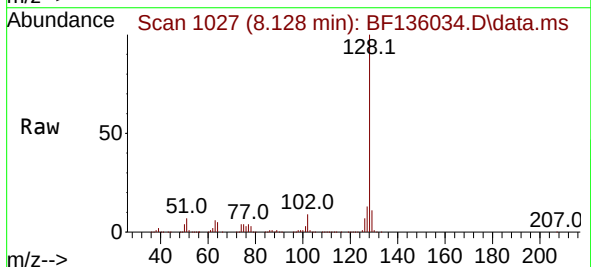
Manual Integrations

APPROVED

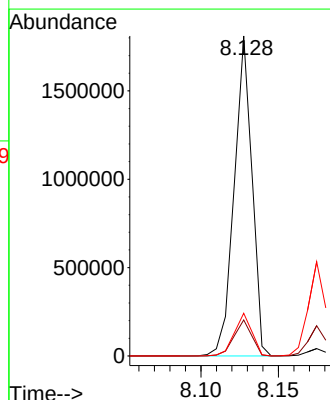
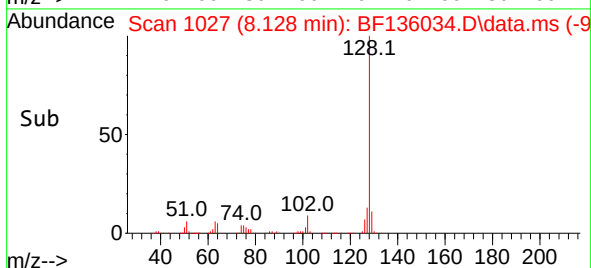
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

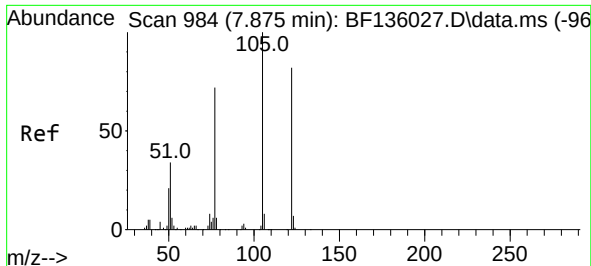


#31
Naphthalene
Concen: 45.734 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27



Tgt Ion:128 Resp: 1444538
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.5 15.7





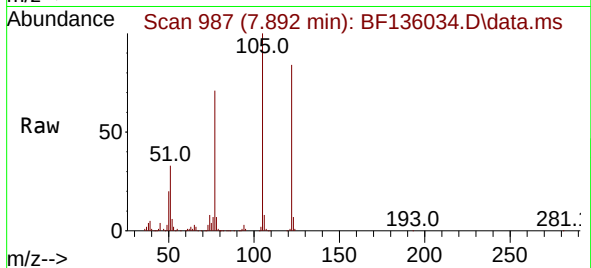
#32
Benzoic acid
Concen: 45.148 ng
RT: 7.892 min Scan# 984
Delta R.T. 0.017 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

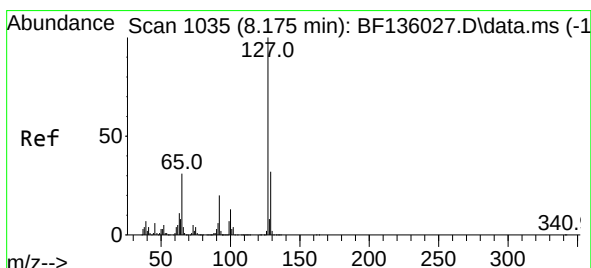
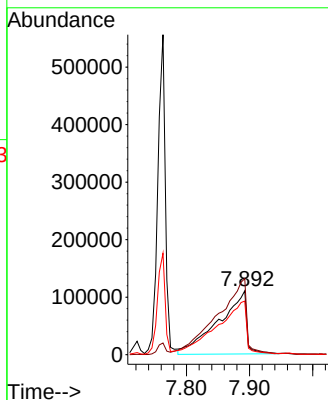
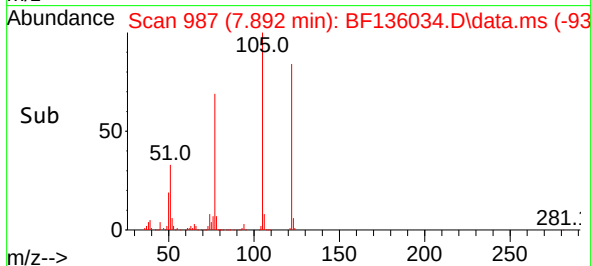


Tgt Ion:122 Resp: 340130
Ion Ratio Lower Upper
122 100
105 119.2 99.5 139.5
77 84.1 66.8 106.8

Manual Integrations

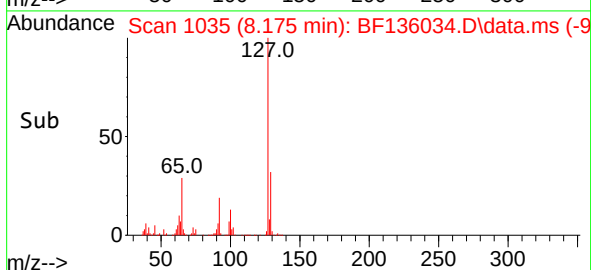
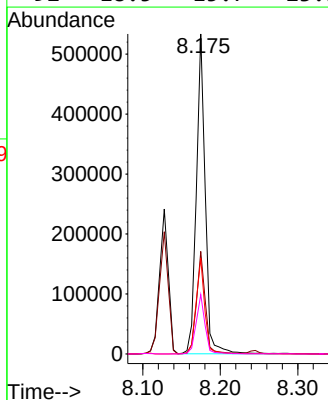
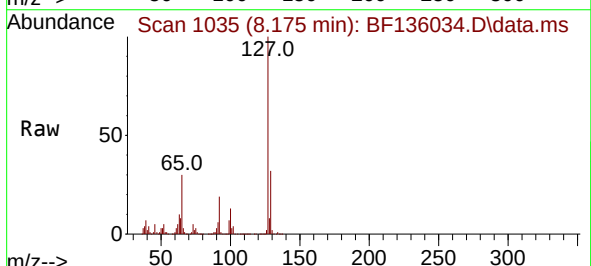
APPROVED

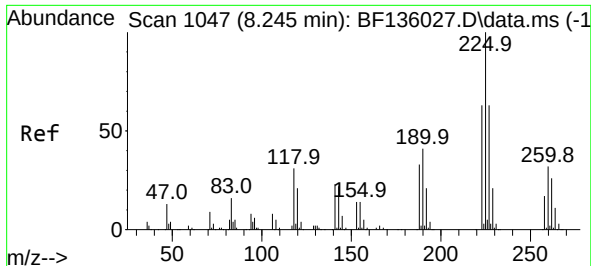
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#33
4-Chloroaniline
Concen: 30.734 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:127 Resp: 425121
Ion Ratio Lower Upper
127 100
129 32.1 25.9 38.9
65 29.9 24.6 37.0
92 18.5 15.7 23.5





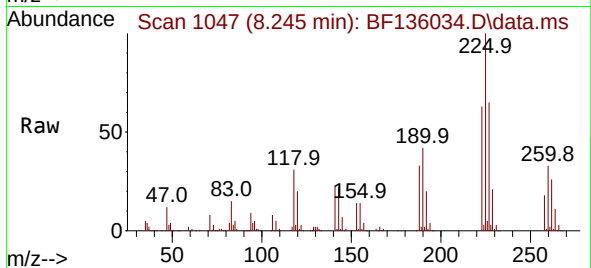
#34
Hexachlorobutadiene
Concen: 46.992 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

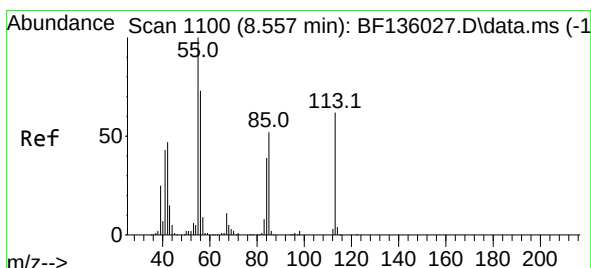
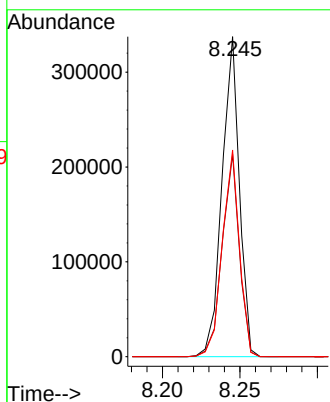
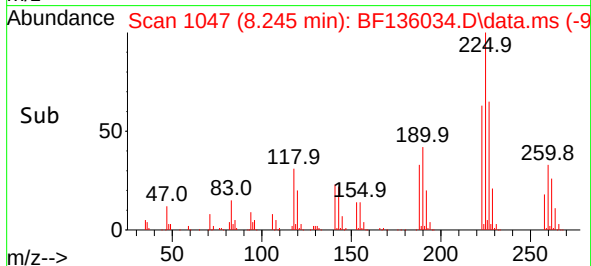


Tgt Ion:225 Resp: 262617
Ion Ratio Lower Upper
225 100
223 63.2 50.3 75.5
227 64.6 50.6 75.8

Manual Integrations

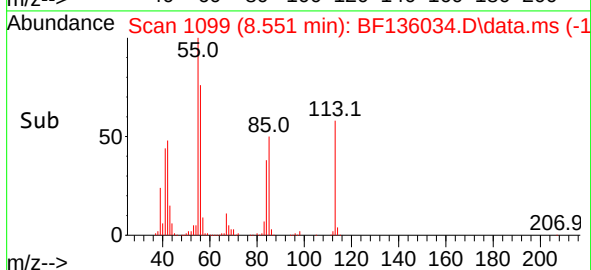
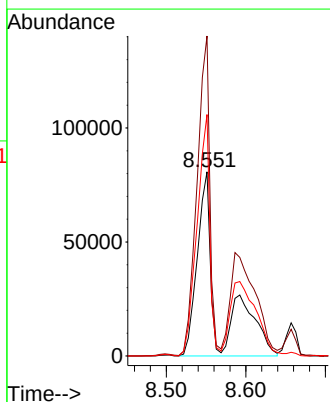
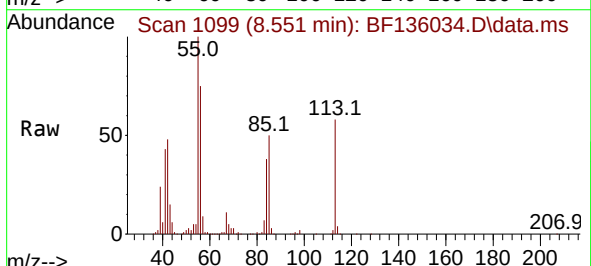
APPROVED

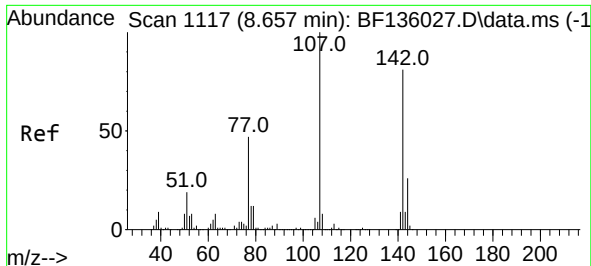
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#35
Caprolactam
Concen: 50.945 ng m
RT: 8.551 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:113 Resp: 147979
Ion Ratio Lower Upper
113 100
55 173.7 142.2 182.2
56 131.0 97.7 137.7





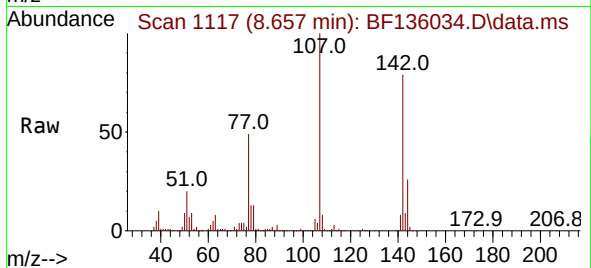
#36
4-Chloro-3-methylphenol
Concen: 47.907 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS



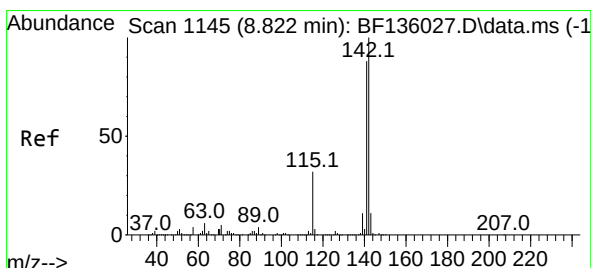
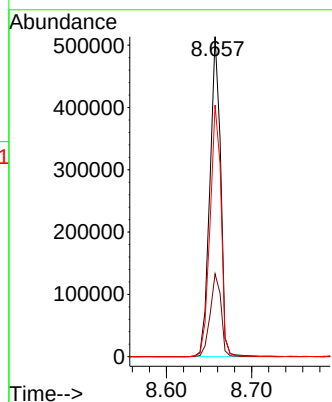
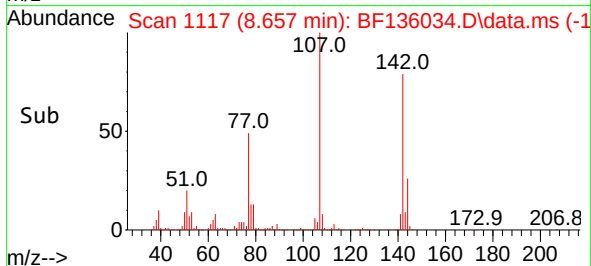
Tgt Ion:107 Resp: 449284
Ion Ratio Lower Upper
107 100
144 25.9 20.6 31.0
142 78.6 64.6 97.0

Manual Integrations

APPROVED

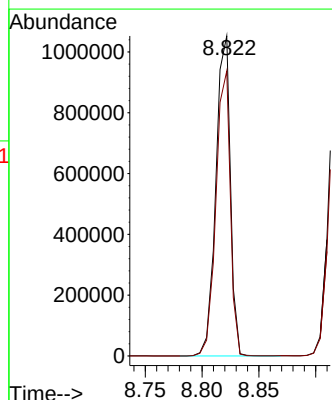
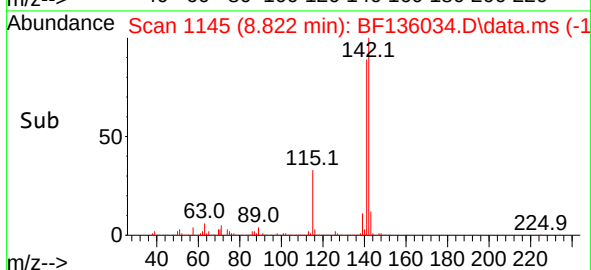
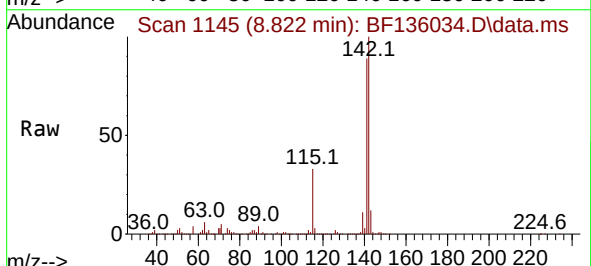
Reviewed By :Yogesh Patel 10/31/2023

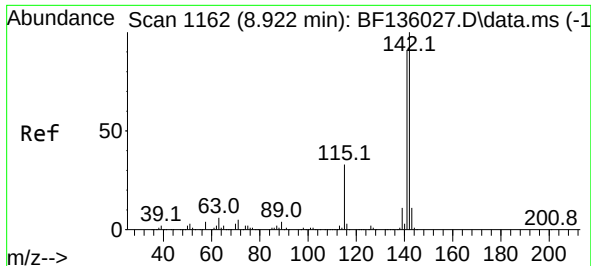
Supervised By :mohammad ahmed 10/31/2023



#37
2-Methylnaphthalene
Concen: 44.077 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:142 Resp: 933499
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6





#38
1-Methylnaphthalene
Concen: 45.065 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

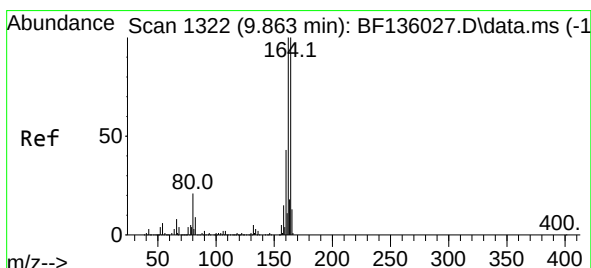
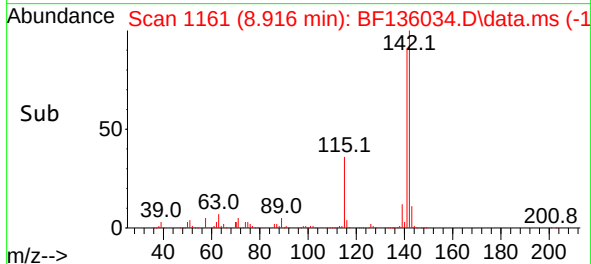
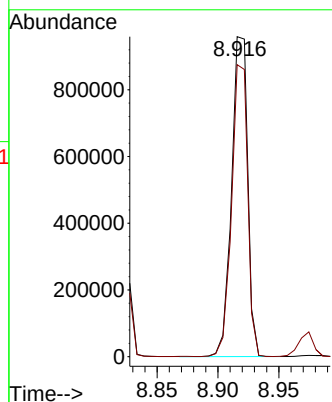
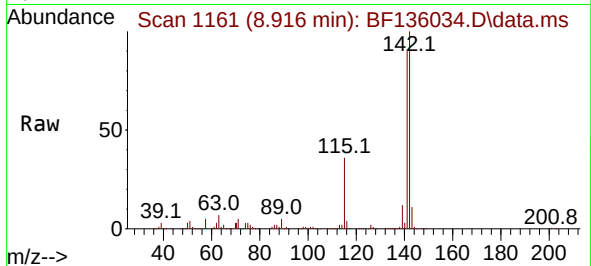
PB156520BS

Tgt Ion:142 Resp: 888190
Ion Ratio Lower Upper
142 100
141 91.3 72.6 109.0

Manual Integrations

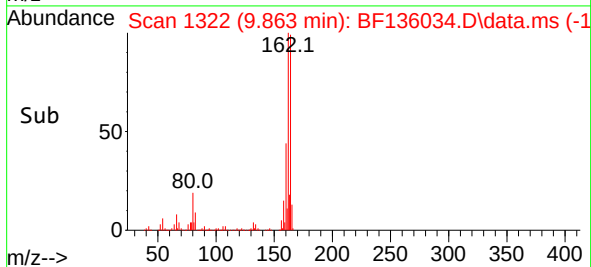
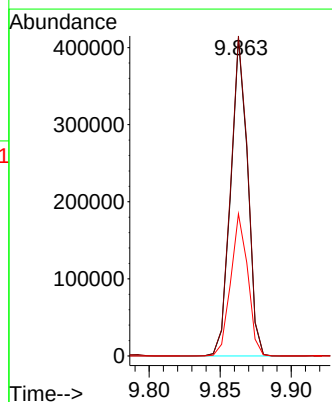
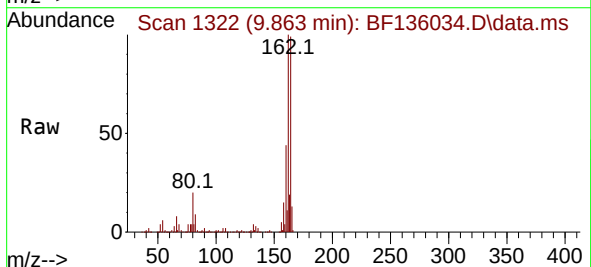
APPROVED

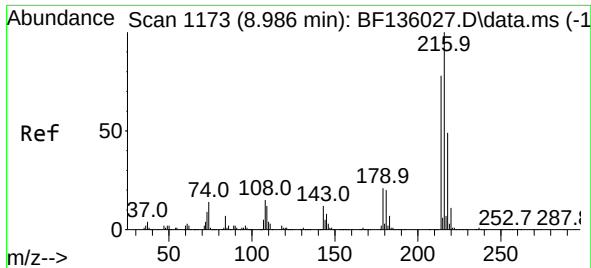
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:164 Resp: 341007
Ion Ratio Lower Upper
164 100
162 100.8 80.1 120.1
160 44.8 34.8 52.2





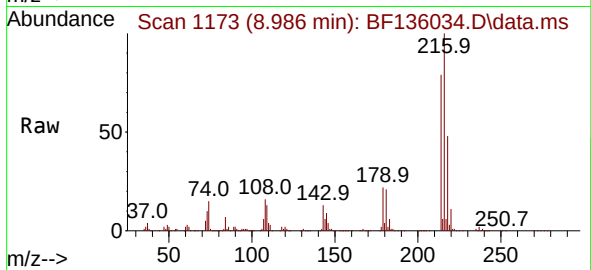
#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.333 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

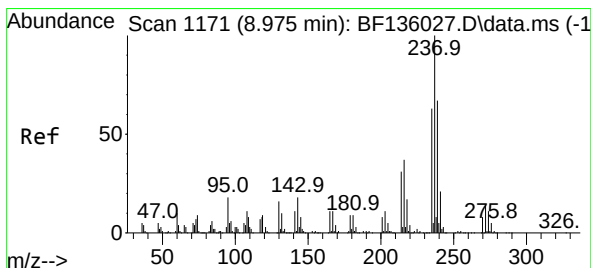
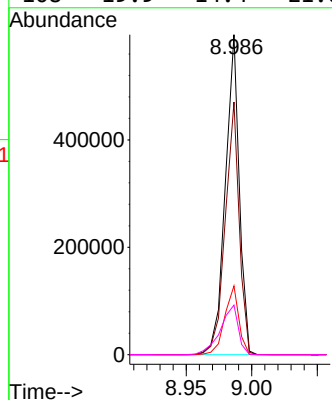
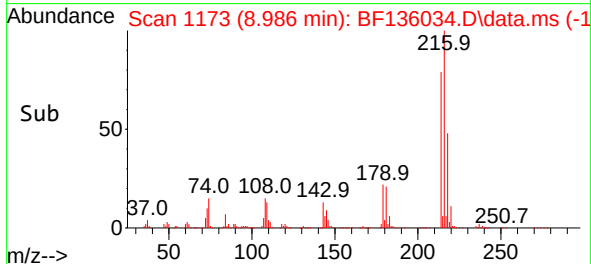


Tgt Ion:216 Resp: 440874
Ion Ratio Lower Upper
216 100
214 78.8 63.8 95.6
179 21.6 17.5 26.3
108 19.9 14.4 21.6

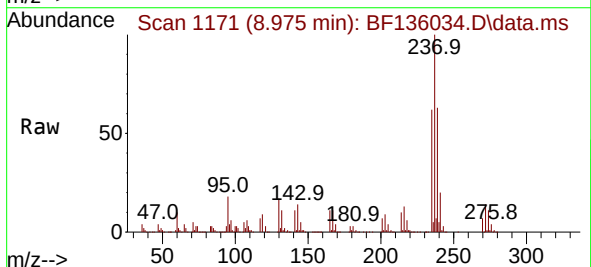
Manual Integrations

APPROVED

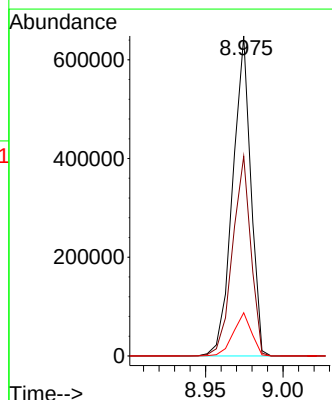
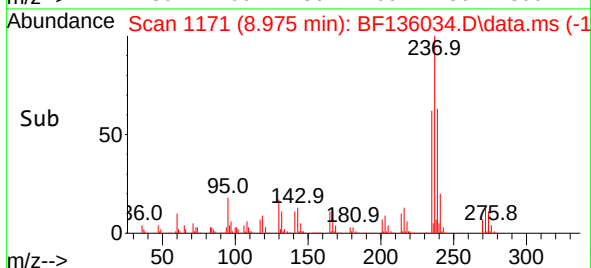
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

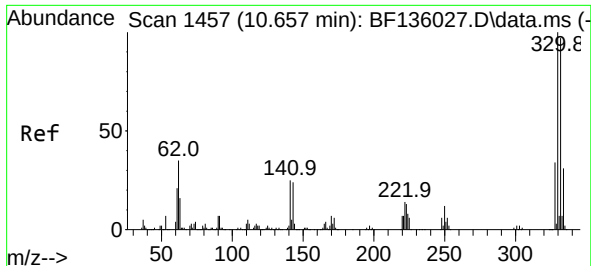


#41
Hexachlorocyclopentadiene
Concen: 101.558 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27



Tgt Ion:237 Resp: 527663
Ion Ratio Lower Upper
237 100
235 62.4 43.3 83.3
272 13.5 0.0 34.2





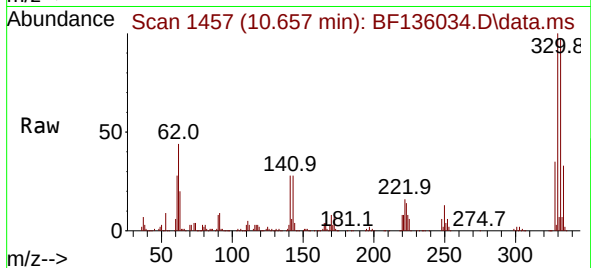
#42
2,4,6-Tribromophenol
Concen: 137.320 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

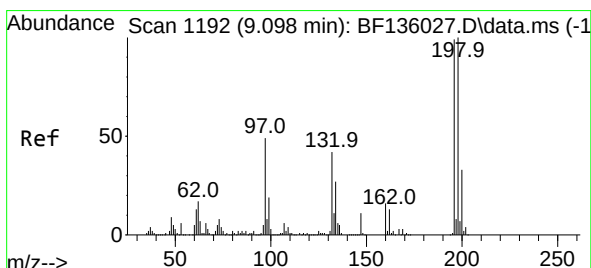
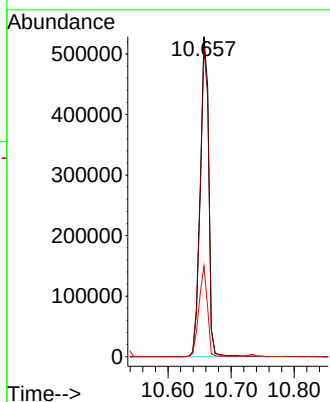
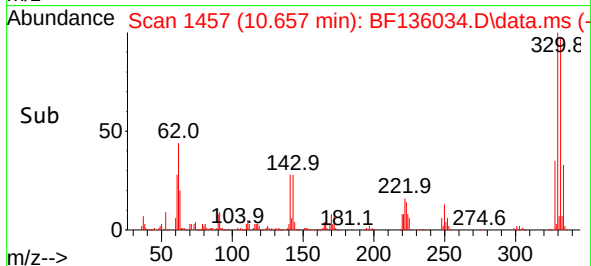


Tgt Ion:330 Resp: 499820
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 27.8 23.2 34.8

Manual Integrations

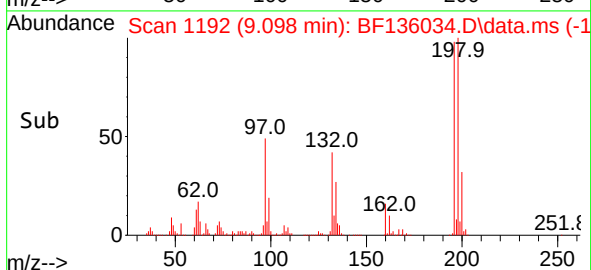
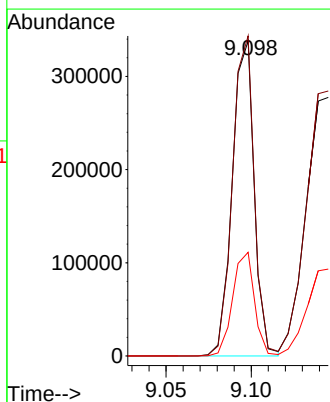
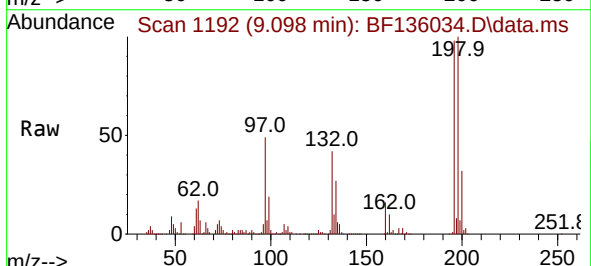
APPROVED

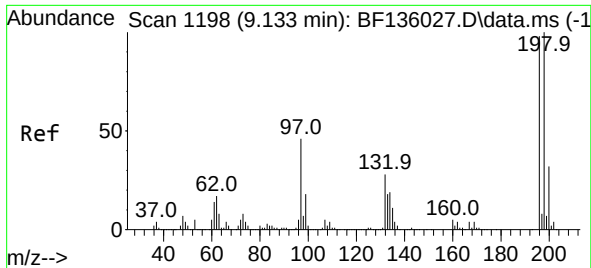
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#43
2,4,6-Trichlorophenol
Concen: 47.610 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:196 Resp: 301893
Ion Ratio Lower Upper
196 100
198 101.6 80.7 121.1
200 32.9 26.8 40.2





#44
2,4,5-Trichlorophenol
Concen: 44.483 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

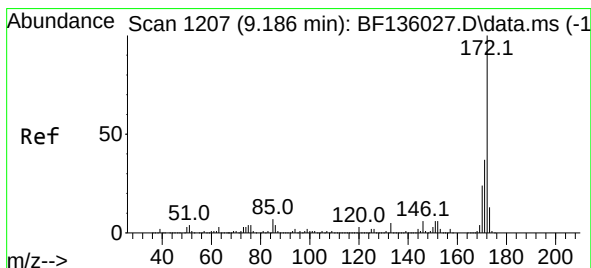
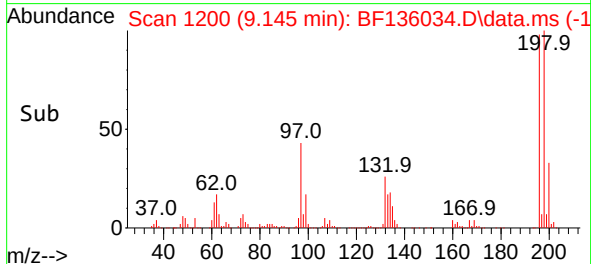
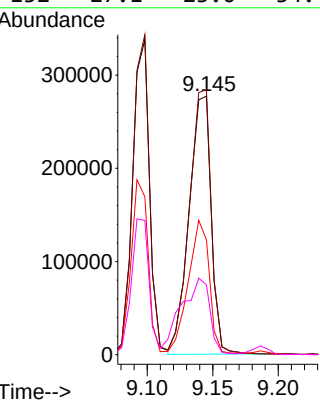
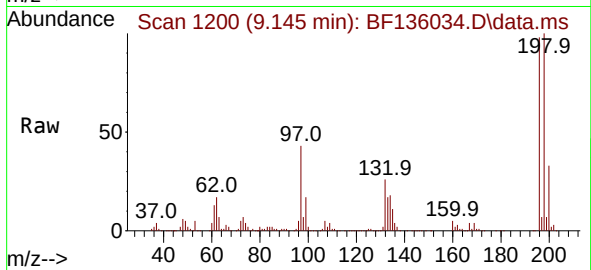
PB156520BS

Tgt Ion:196 Resp: 32674
Ion Ratio Lower Upper
196 100
198 102.5 81.6 122.4
97 44.4 38.2 57.2
132 27.1 23.0 34.4

Manual Integrations

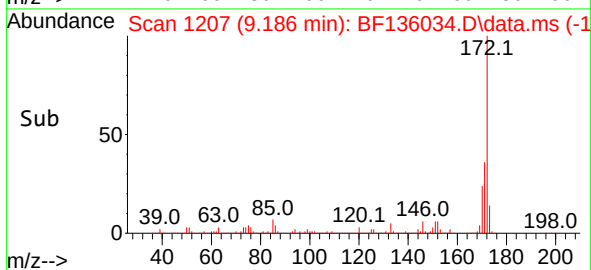
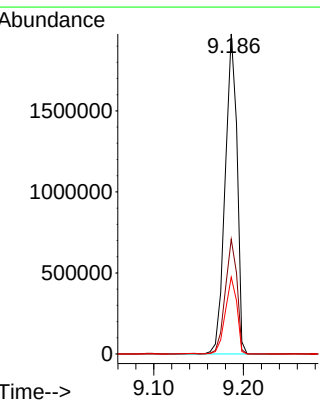
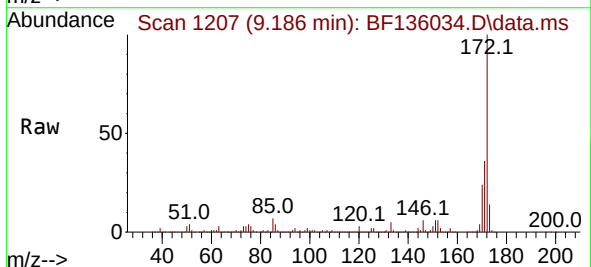
APPROVED

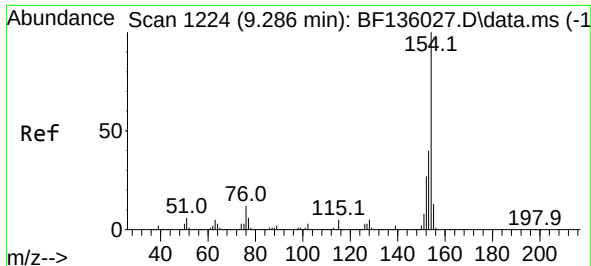
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#45
2-Fluorobiphenyl
Concen: 84.790 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

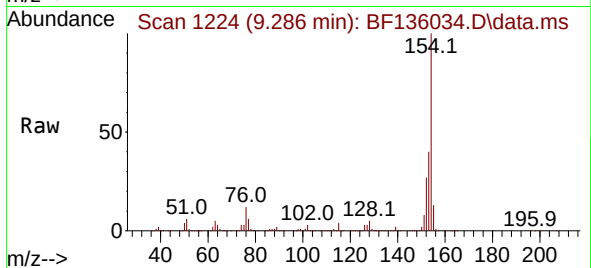
Tgt Ion:172 Resp: 1813802
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.0 19.3 28.9





#46
1,1'-Biphenyl
Concen: 45.426 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

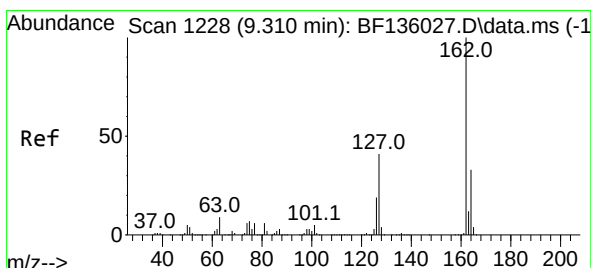
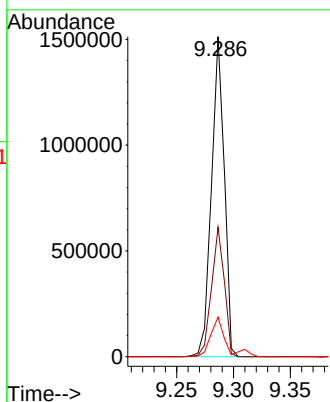
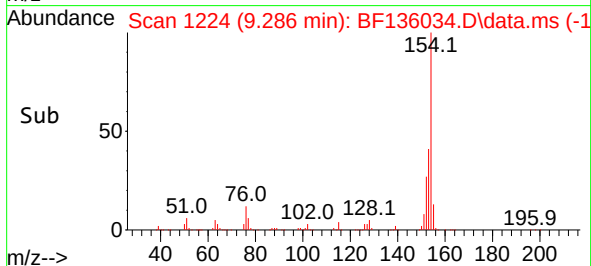
Instrument :
BNA_F
ClientSampleId :
PB156520BS



Tgt Ion:154 Resp: 118086
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 12.3 0.0 32.5

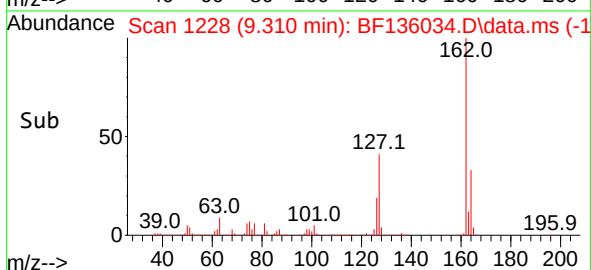
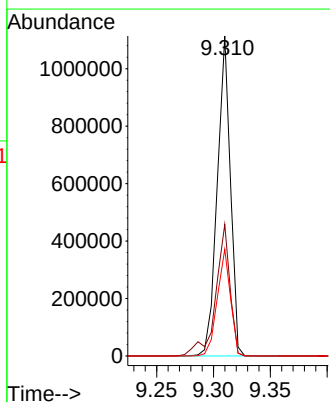
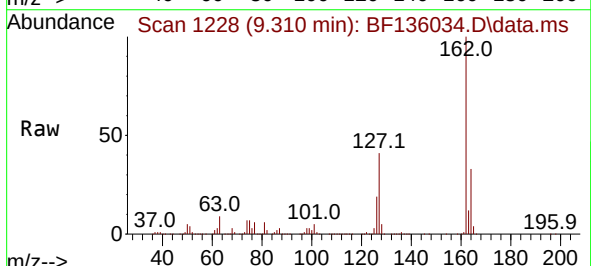
Manual Integrations
APPROVED

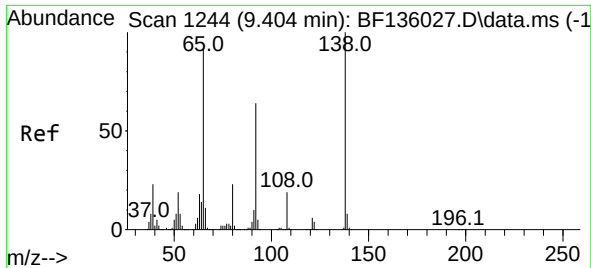
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#47
2-Chloronaphthalene
Concen: 46.810 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:162 Resp: 897061
Ion Ratio Lower Upper
162 100
127 41.1 32.4 48.6
164 33.4 26.7 40.1





#48
2-Nitroaniline
Concen: 49.503 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

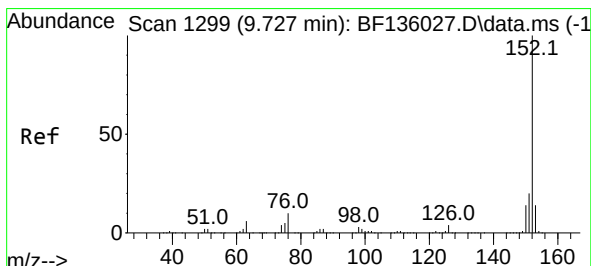
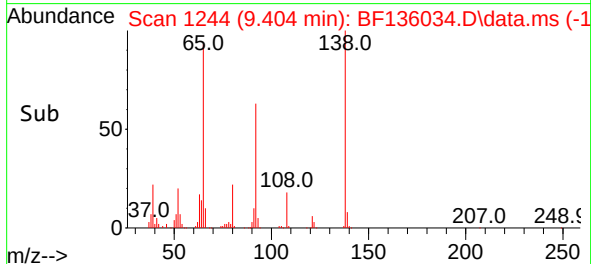
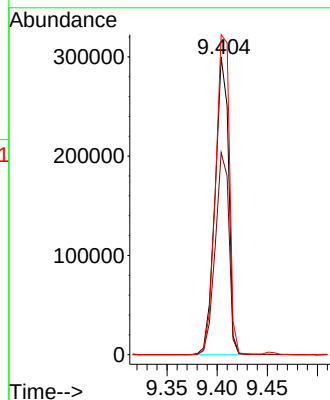
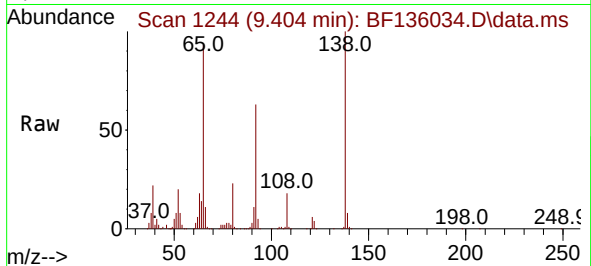
PB156520BS

Tgt Ion: 65 Resp: 28075
Ion Ratio Lower Upper
65 100
92 67.9 55.7 83.5
138 107.5 86.8 130.2

Manual Integrations

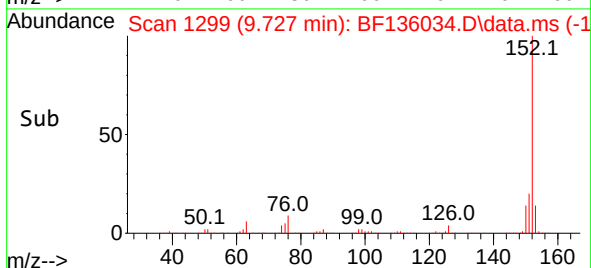
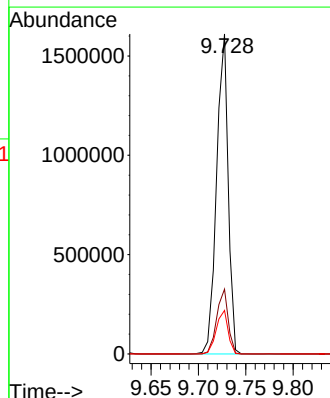
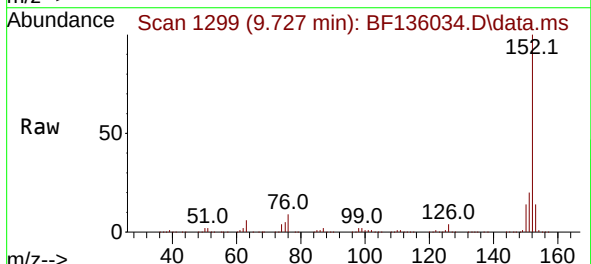
APPROVED

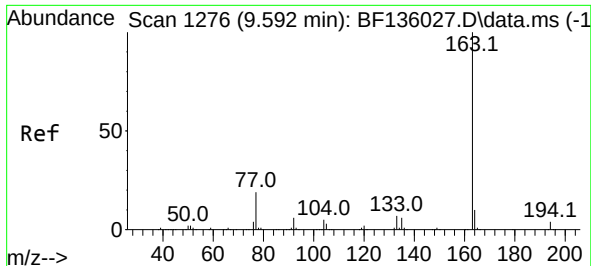
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#49
Acenaphthylene
Concen: 45.891 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:152 Resp: 1371951
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.6 11.4 17.2





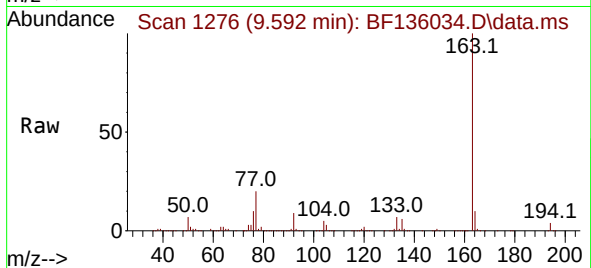
#50
Dimethylphthalate
Concen: 45.871 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS



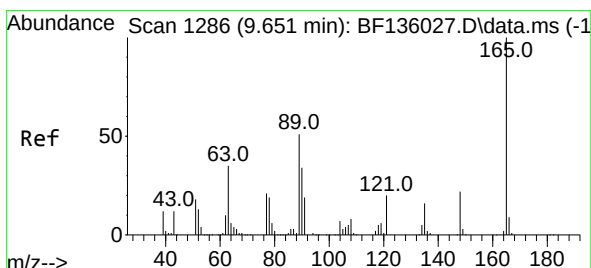
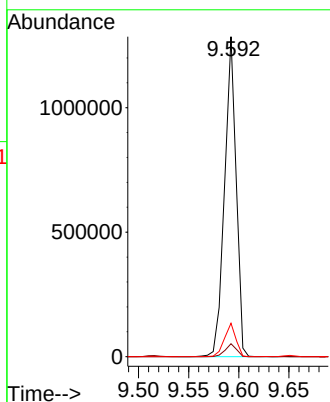
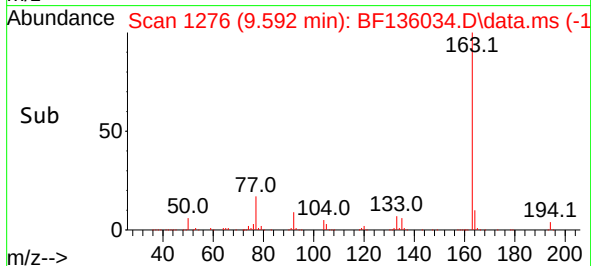
Tgt Ion:163 Resp: 1031790
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.5 8.1 12.1

Manual Integrations

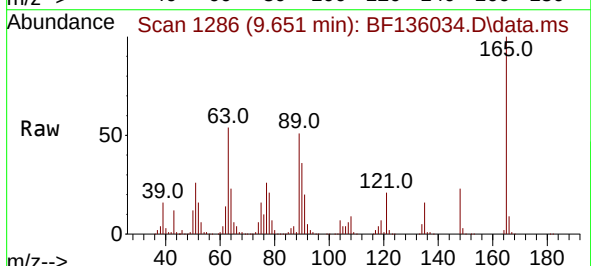
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

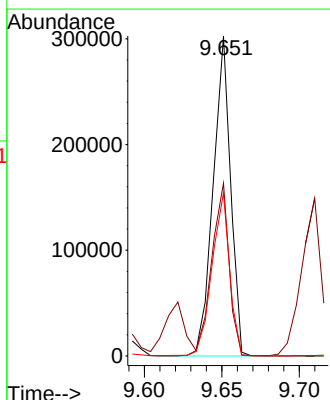
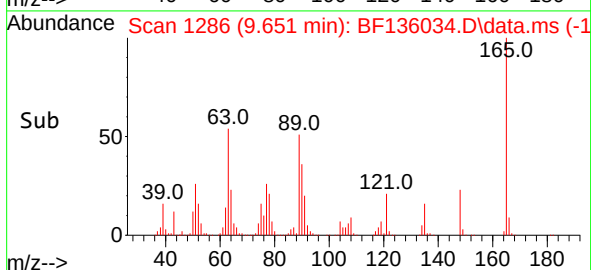
Supervised By :mohammad ahmed 10/31/2023

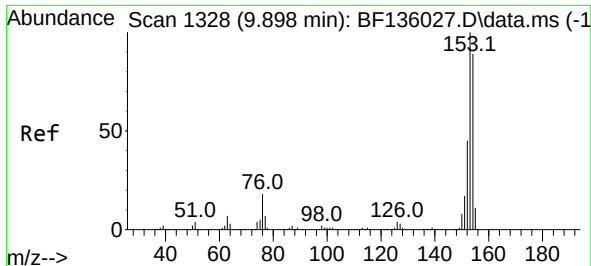


#51
2,6-Dinitrotoluene
Concen: 49.105 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27



Tgt Ion:165 Resp: 236236
Ion Ratio Lower Upper
165 100
63 54.0 40.8 61.2
89 51.0 41.1 61.7





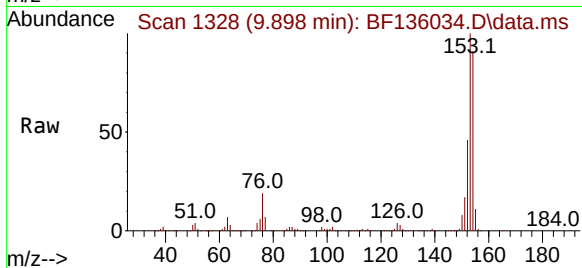
#52
Acenaphthene
Concen: 46.688 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

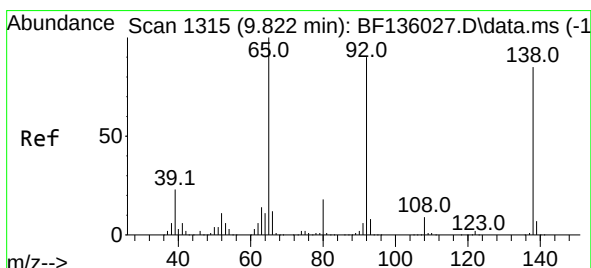
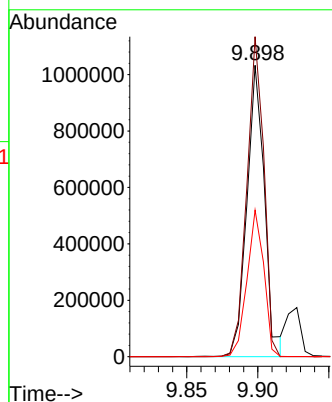
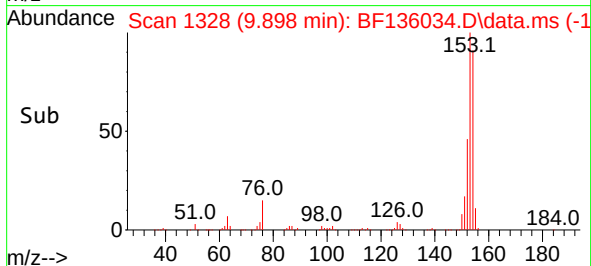


Tgt Ion:154 Resp: 887318
Ion Ratio Lower Upper
154 100
153 109.8 89.9 134.9
152 50.3 40.2 60.2

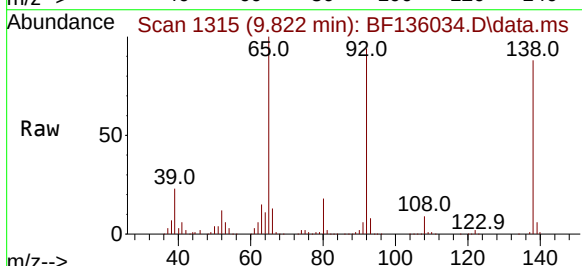
Manual Integrations

APPROVED

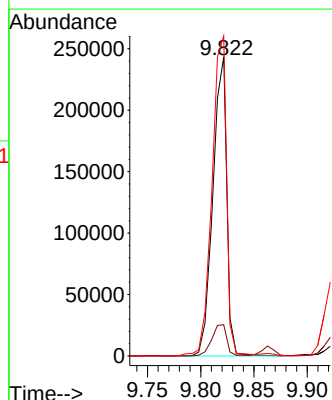
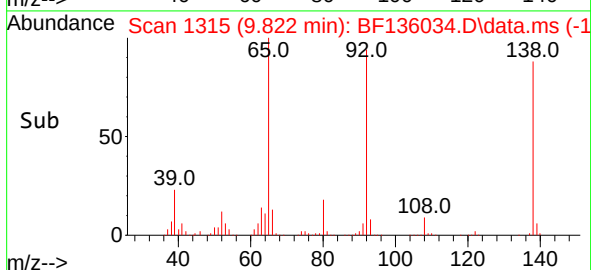
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

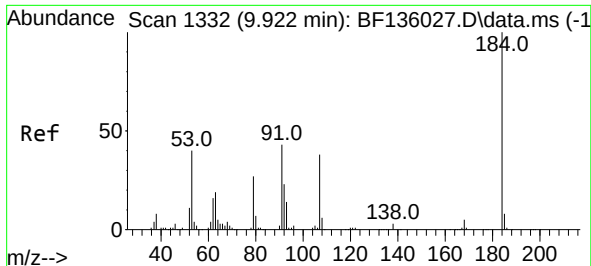


#53
3-Nitroaniline
Concen: 39.368 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27



Tgt Ion:138 Resp: 220987
Ion Ratio Lower Upper
138 100
108 10.4 8.8 13.2
92 106.9 84.6 126.8





#54
2,4-Dinitrophenol
Concen: 92.064 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.005 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

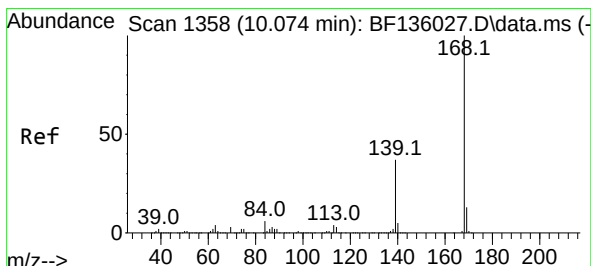
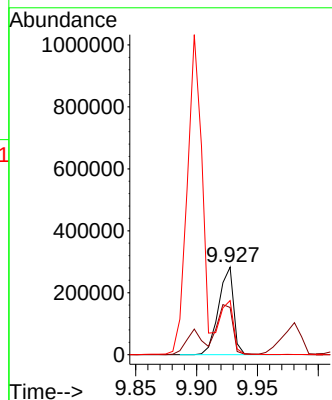
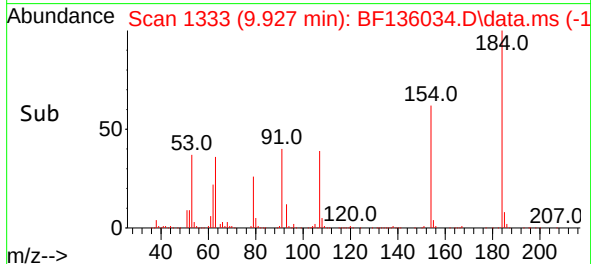
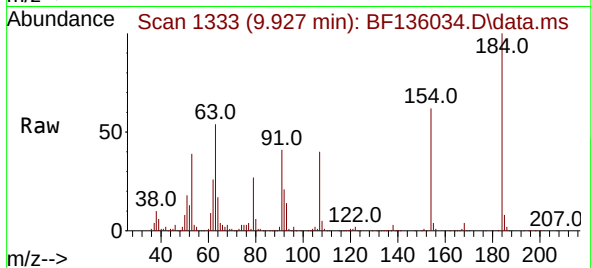
ClientSampleId :

PB156520BS

Tgt Ion:184 Resp: 24352
Ion Ratio Lower Upper
184 100
63 54.0 43.7 65.5
154 61.8 51.2 76.8

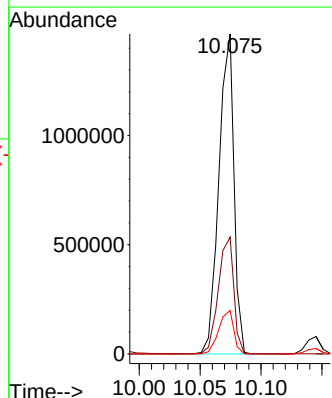
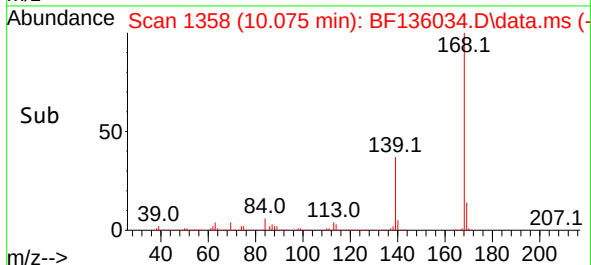
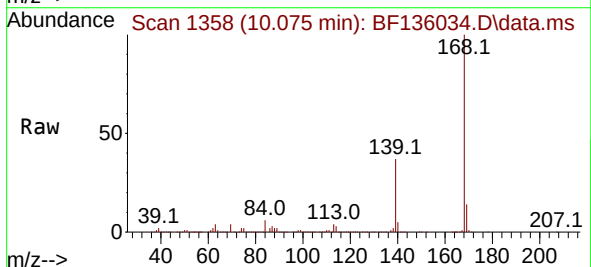
Manual Integrations
APPROVED

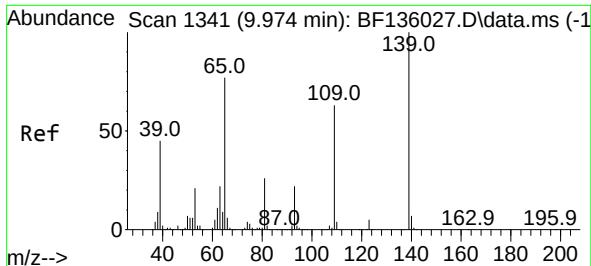
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#55
Dibenzofuran
Concen: 45.491 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:168 Resp: 1260674
Ion Ratio Lower Upper
168 100
139 36.5 29.4 44.0
169 13.6 10.5 15.7





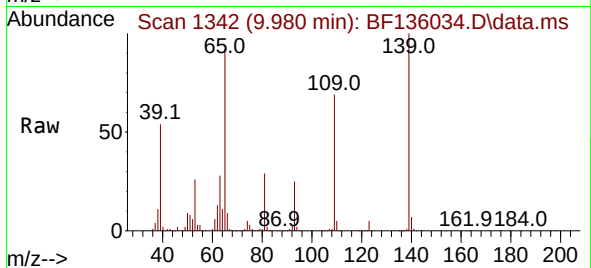
#56
4-Nitrophenol
Concen: 102.567 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

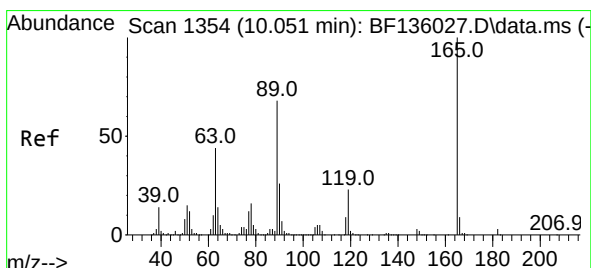
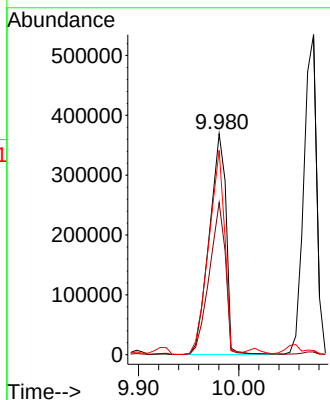
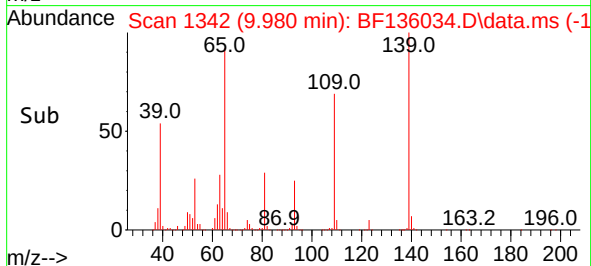


Tgt Ion:139 Resp: 430670
Ion Ratio Lower Upper
139 100
109 68.8 43.2 83.2
65 92.5 57.6 97.6

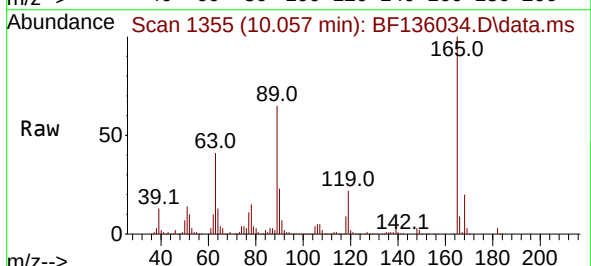
Manual Integrations

APPROVED

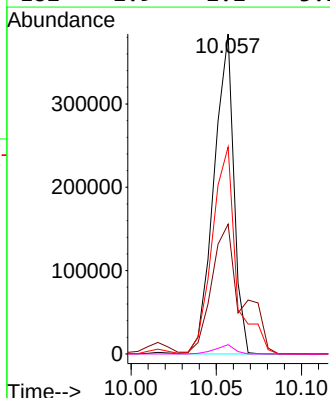
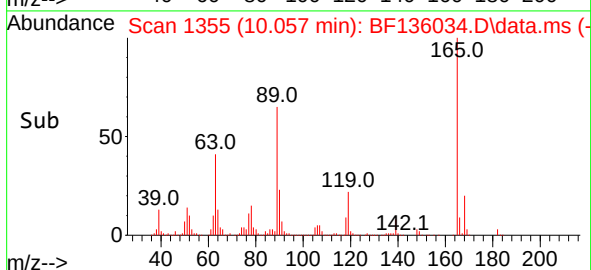
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

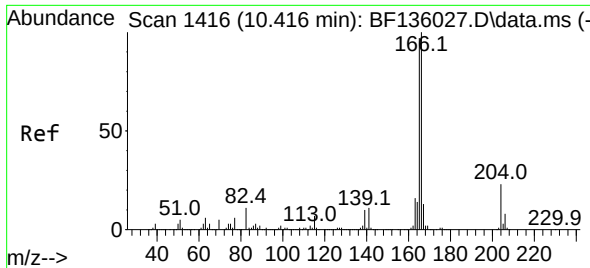


#57
2,4-Dinitrotoluene
Concen: 51.353 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27



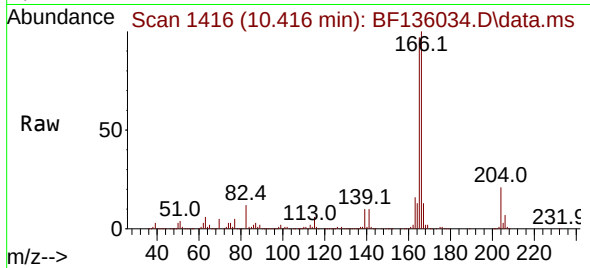
Tgt Ion:165 Resp: 312576
Ion Ratio Lower Upper
165 100
63 40.5 35.2 52.8
89 64.7 54.8 82.2
182 2.9 2.2 3.2





#58
 Fluorene
 Concen: 44.967 ng
 RT: 10.416 min Scan# 1416
 Delta R.T. 0.000 min
 Lab File: BF136034.D
 Acq: 30 Oct 2023 18:27

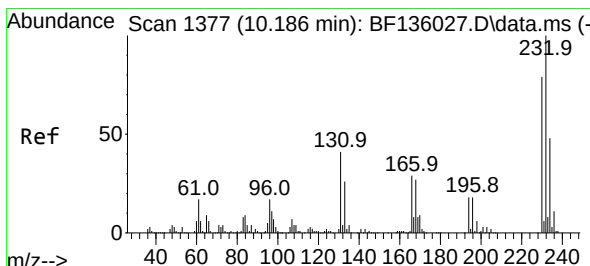
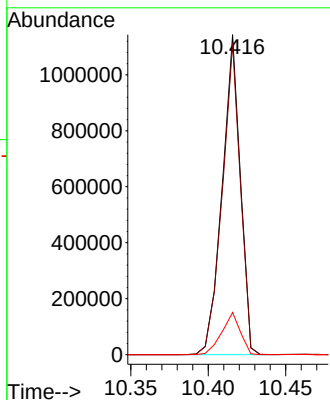
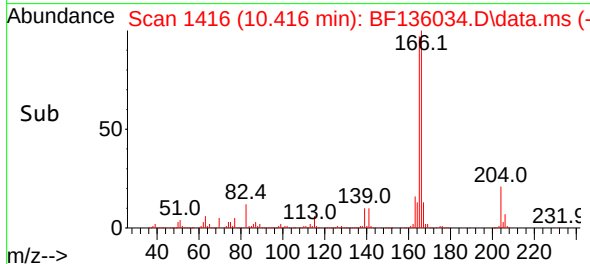
Instrument :
 BNA_F
 ClientSampleId :
 PB156520BS



Tgt Ion:166 Resp: 933020
 Ion Ratio Lower Upper
 166 100
 165 97.3 77.7 116.5
 167 13.2 10.6 16.0

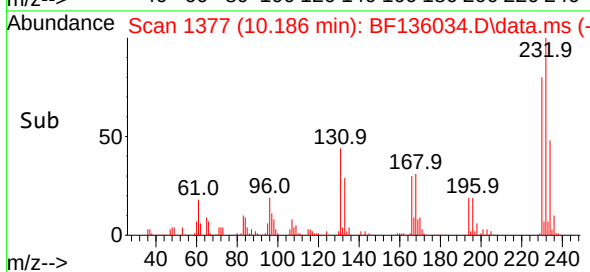
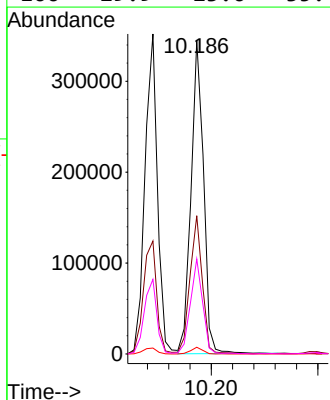
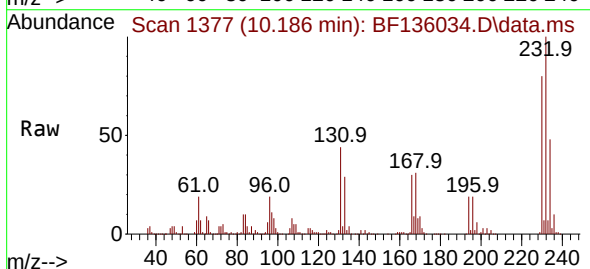
Manual Integrations
 APPROVED

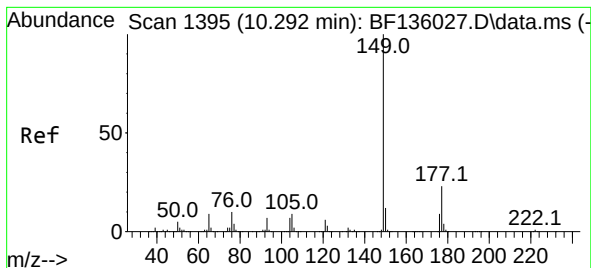
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.178 ng
 RT: 10.186 min Scan# 1377
 Delta R.T. 0.000 min
 Lab File: BF136034.D
 Acq: 30 Oct 2023 18:27

Tgt Ion:232 Resp: 281343
 Ion Ratio Lower Upper
 232 100
 131 43.4 34.6 52.0
 130 2.0 1.6 2.4
 166 29.9 23.6 35.4





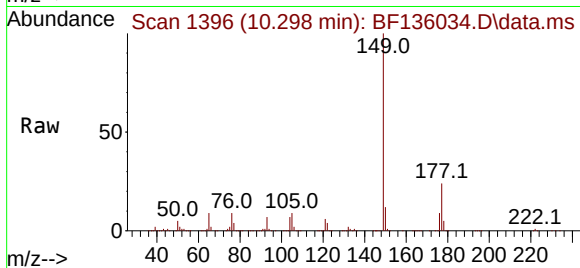
#60
Diethylphthalate
Concen: 46.406 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

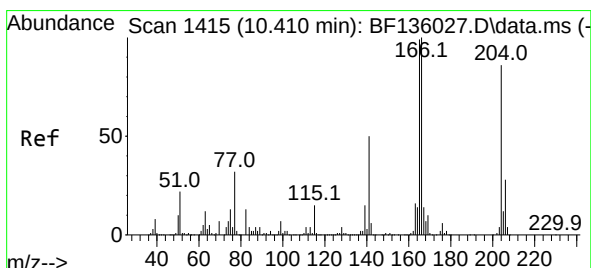
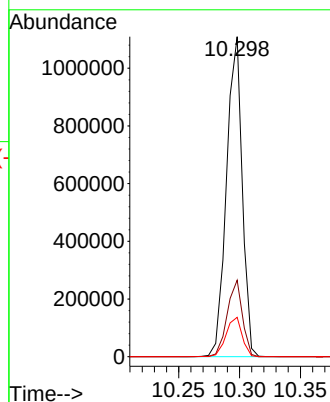
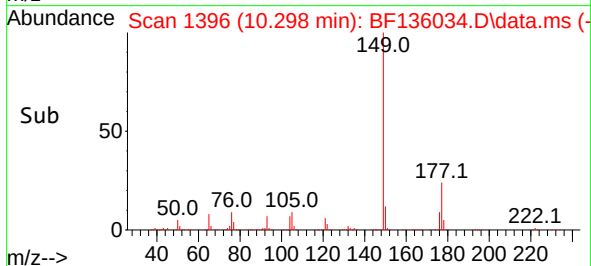


Tgt Ion:149 Resp: 997350
Ion Ratio Lower Upper
149 100
177 23.9 18.2 27.4
150 12.3 9.9 14.9

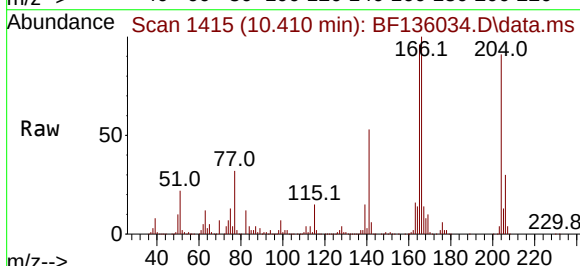
Manual Integrations

APPROVED

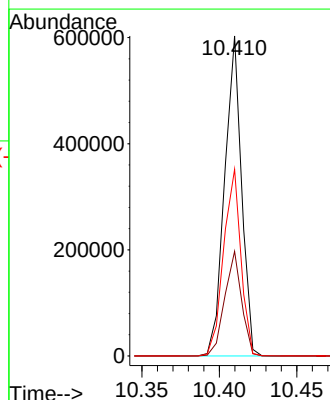
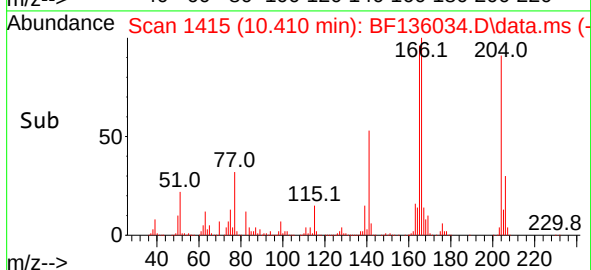
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

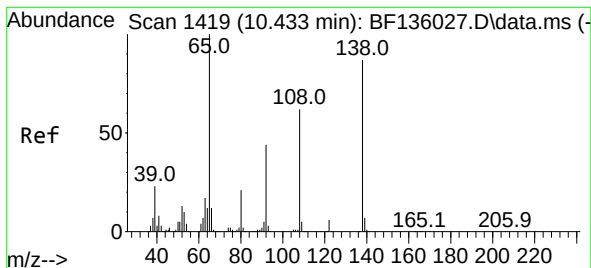


#61
4-Chlorophenyl-phenylether
Concen: 44.199 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27



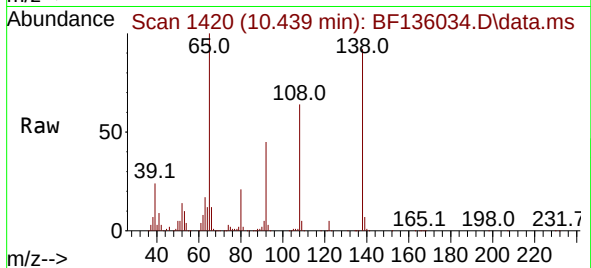
Tgt Ion:204 Resp: 457785
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 58.4 46.8 70.2





#62
4-Nitroaniline
Concen: 48.553 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

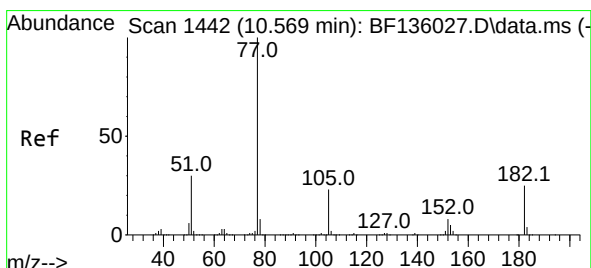
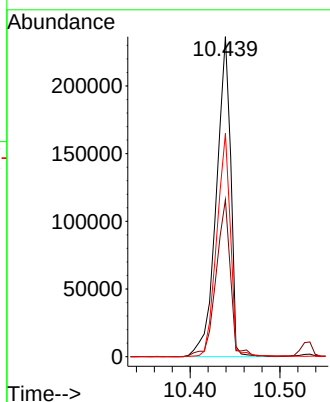
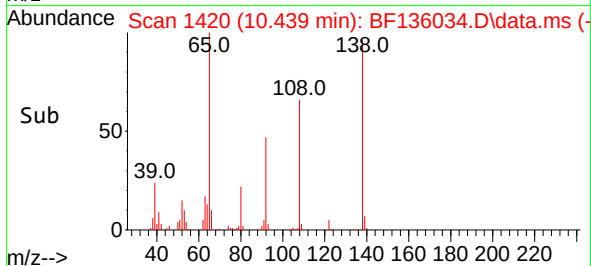
Instrument :
BNA_F
ClientSampleId :
PB156520BS



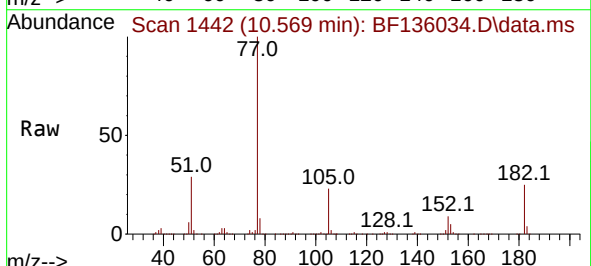
Tgt Ion:138 Resp: 262444
Ion Ratio Lower Upper
138 100
92 49.0 30.6 70.6
108 69.7 51.5 91.5

Manual Integrations
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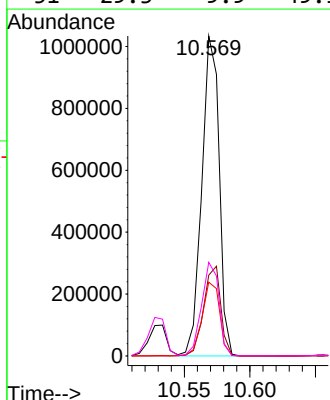
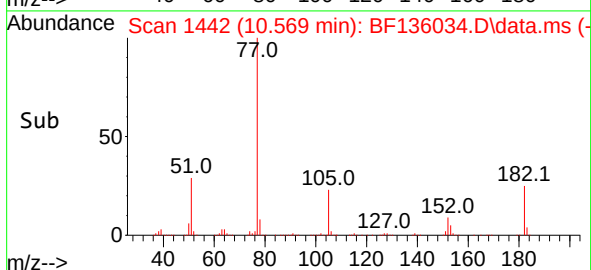
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

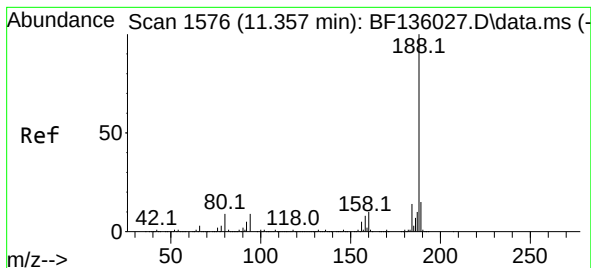


#63
Azobenzene
Concen: 46.140 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27



Tgt Ion: 77 Resp: 954997
Ion Ratio Lower Upper
77 100
182 25.3 5.0 45.0
105 23.0 2.6 42.6
51 29.3 9.9 49.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

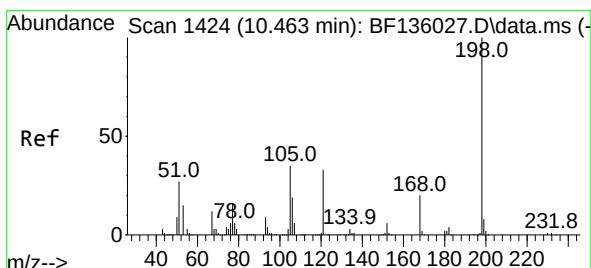
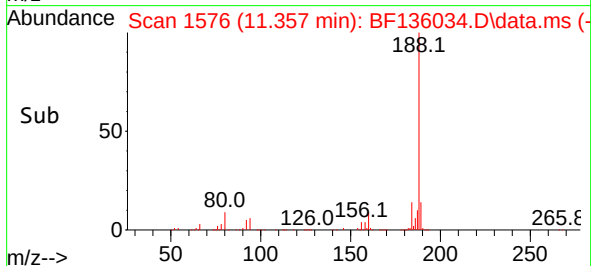
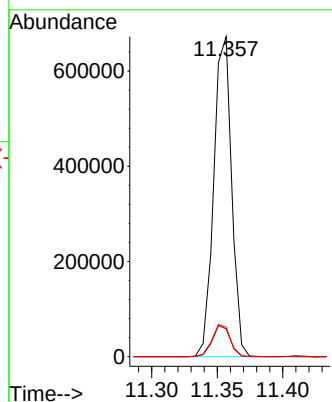
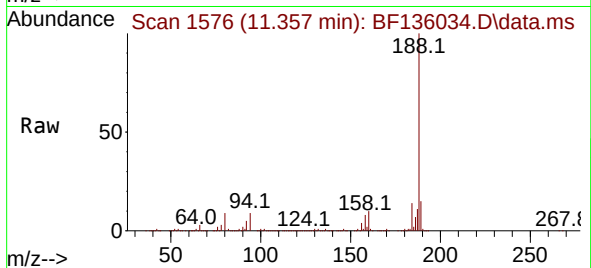
PB156520BS

Tgt Ion:188 Resp: 63712
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.2 7.4 11.0

Manual Integrations

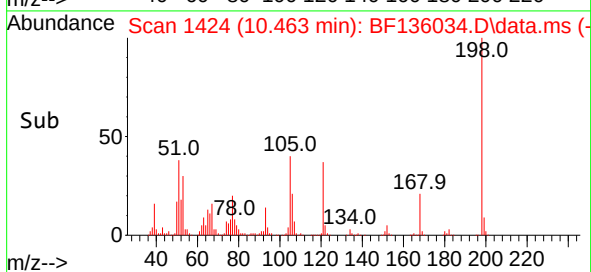
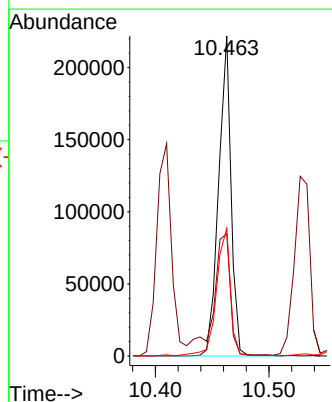
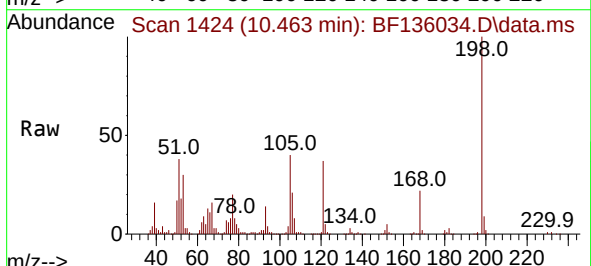
APPROVED

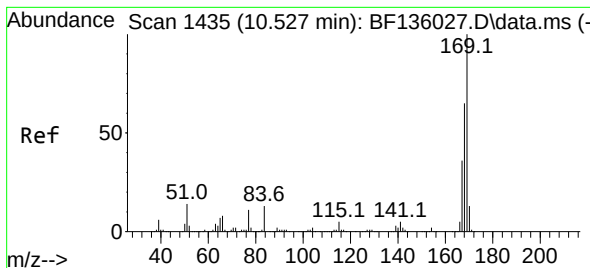
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 48.357 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:198 Resp: 169459
Ion Ratio Lower Upper
198 100
51 38.2 12.9 52.9
105 39.9 16.0 56.0





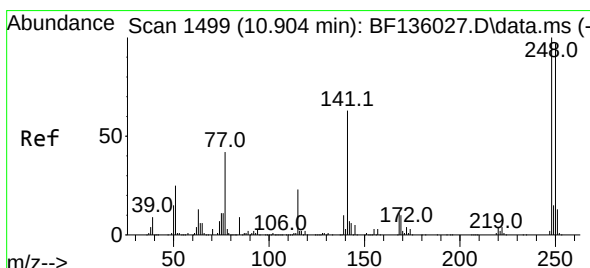
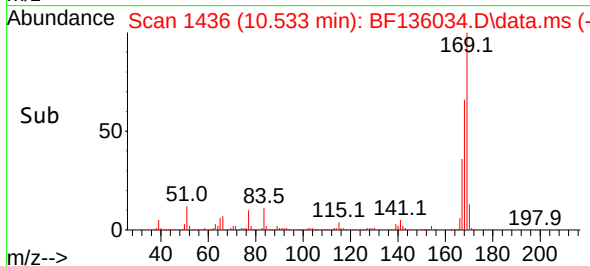
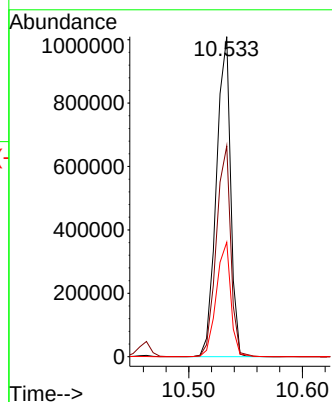
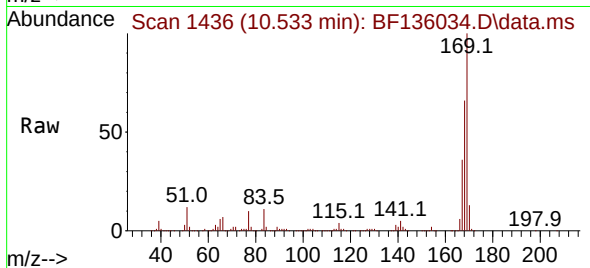
#66
n-Nitrosodiphenylamine
Concen: 45.677 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :
BNA_F
ClientSampleId :
PB156520BS

Tgt Ion:169 Resp: 87788
Ion Ratio Lower Upper
169 100
168 65.9 52.2 78.2
167 35.8 28.7 43.1

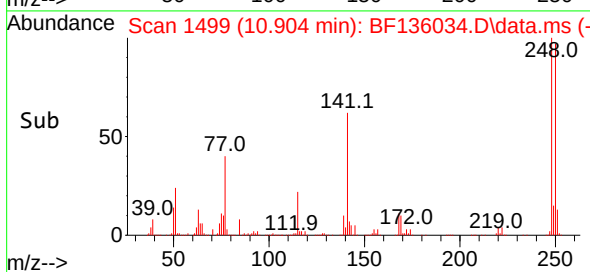
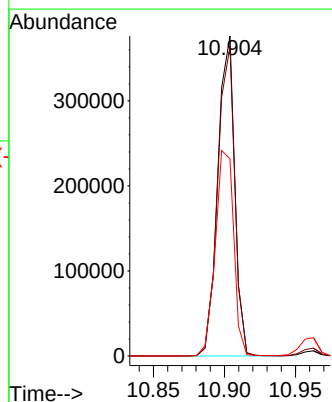
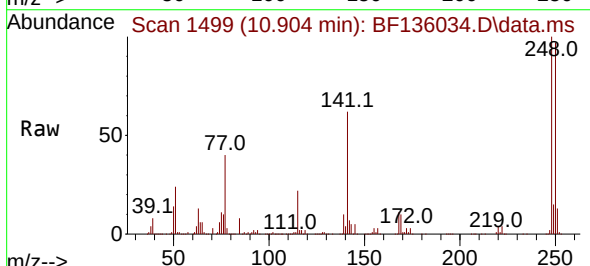
Manual Integrations
APPROVED

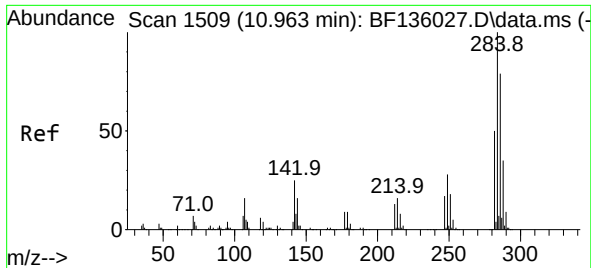
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#67
4-Bromophenyl-phenylether
Concen: 46.796 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:248 Resp: 312585
Ion Ratio Lower Upper
248 100
250 96.7 77.6 116.4
141 61.6 50.4 75.6





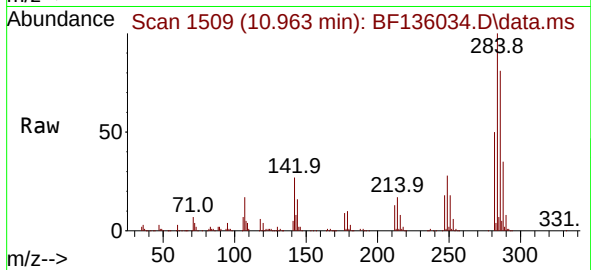
#68
Hexachlorobenzene
Concen: 49.123 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

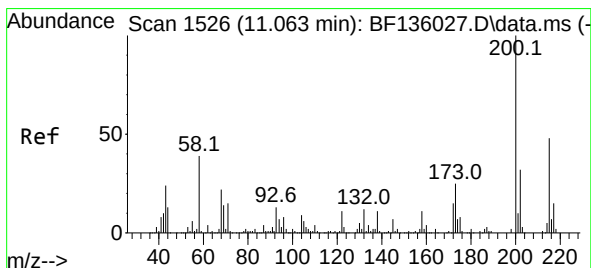
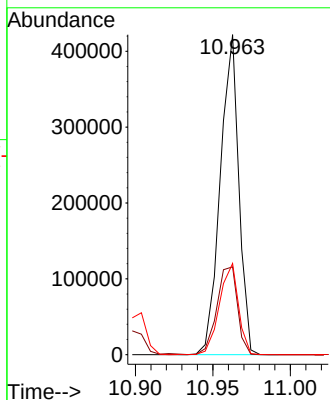
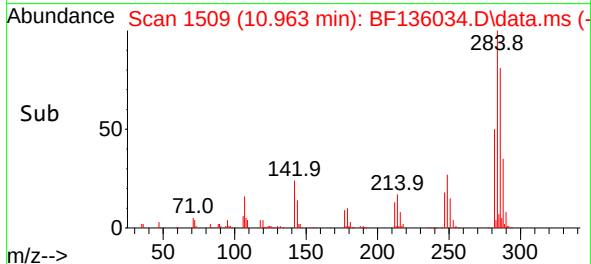


Tgt Ion:284 Resp: 350448
Ion Ratio Lower Upper
284 100
142 27.5 20.2 30.4
249 28.5 22.6 33.8

Manual Integrations

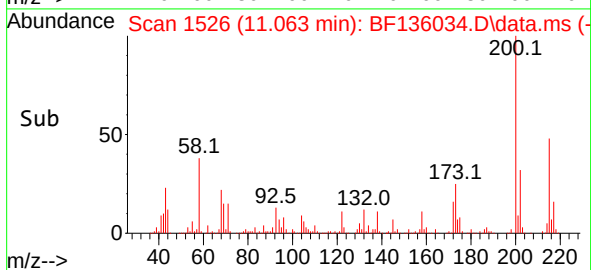
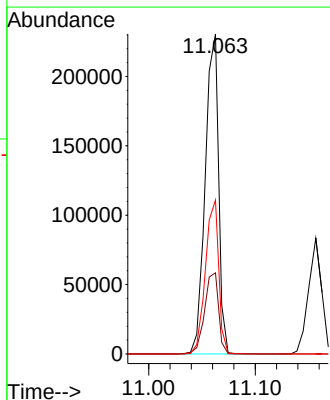
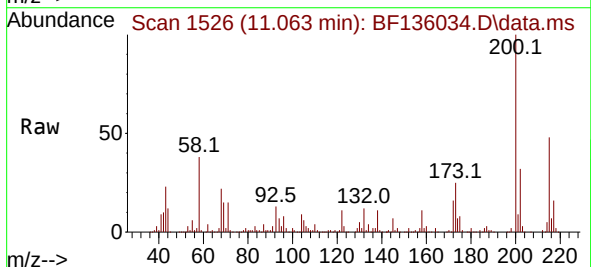
APPROVED

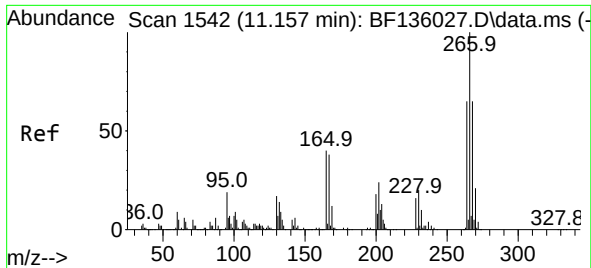
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#69
Atrazine
Concen: 38.597 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

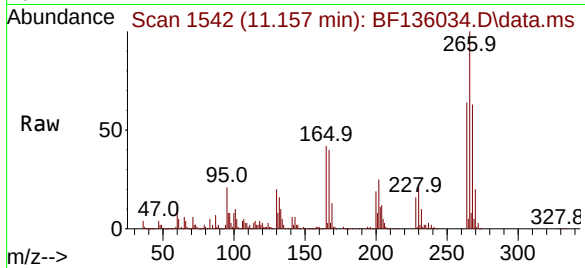
Tgt Ion:200 Resp: 201833
Ion Ratio Lower Upper
200 100
173 25.4 5.2 45.2
215 48.1 28.4 68.4





#70
Pentachlorophenol
Concen: 87.583 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

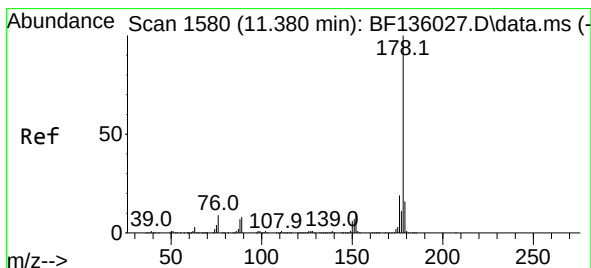
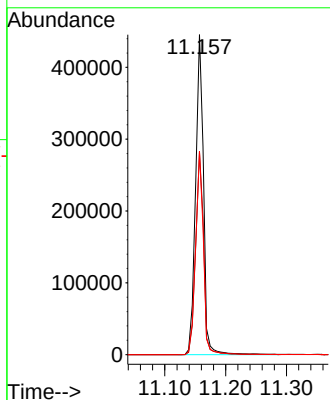
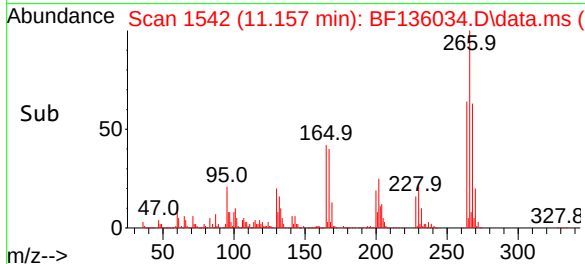
Instrument :
BNA_F
ClientSampleId :
PB156520BS



Tgt Ion:266 Resp: 401279
Ion Ratio Lower Upper
266 100
268 63.4 52.2 78.4
264 63.6 52.2 78.4

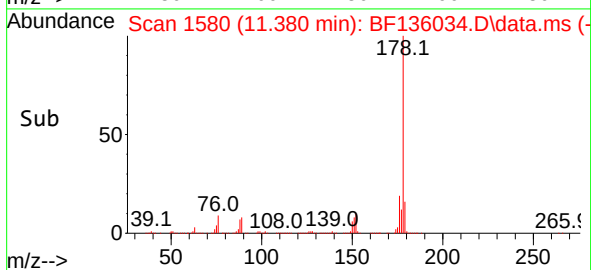
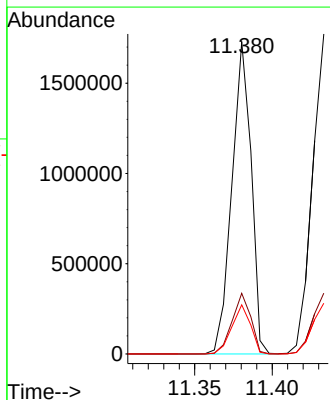
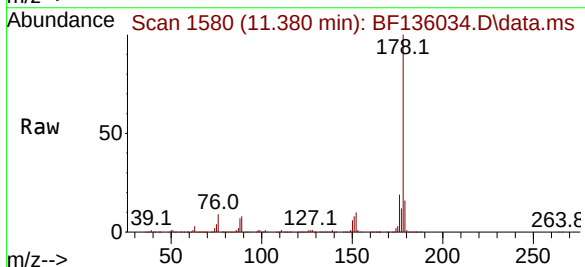
Manual Integrations
APPROVED

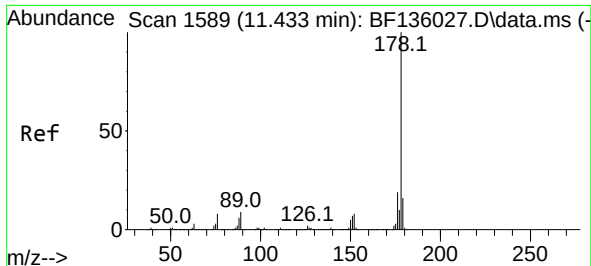
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#71
Phenanthrene
Concen: 46.543 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

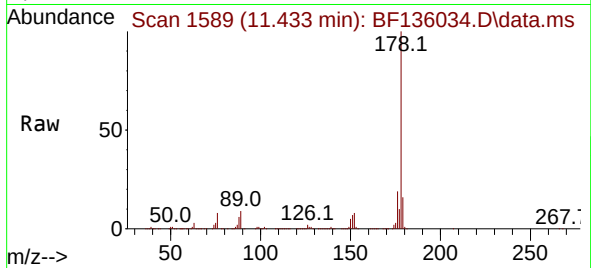
Tgt Ion:178 Resp: 1493078
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.9 19.3





#72
 Anthracene
 Concen: 46.077 ng
 RT: 11.433 min Scan# 1589
 Delta R.T. 0.000 min
 Lab File: BF136034.D
 Acq: 30 Oct 2023 18:27

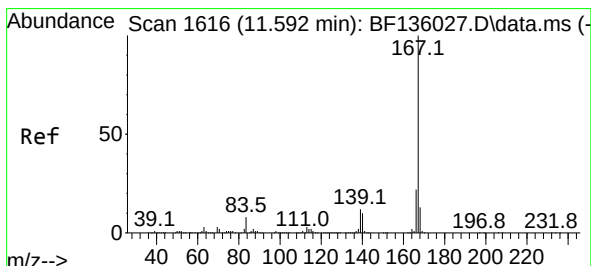
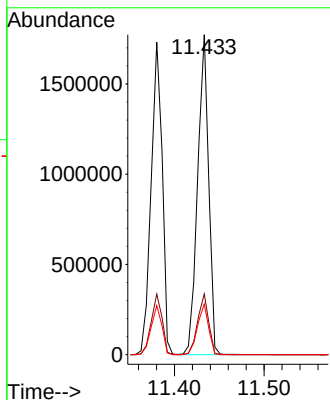
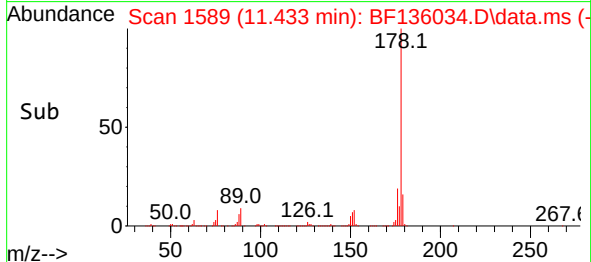
Instrument :
 BNA_F
 ClientSampleId :
 PB156520BS



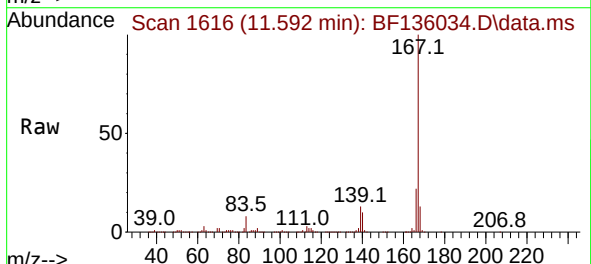
Tgt Ion:178 Resp: 1514618
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.0 22.4
 179 15.9 12.6 18.8

Manual Integrations
 APPROVED

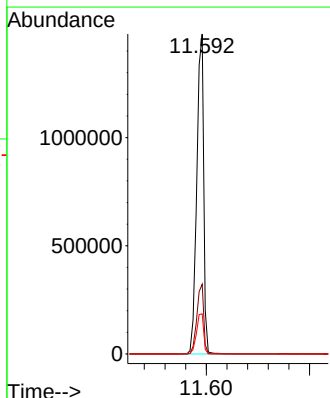
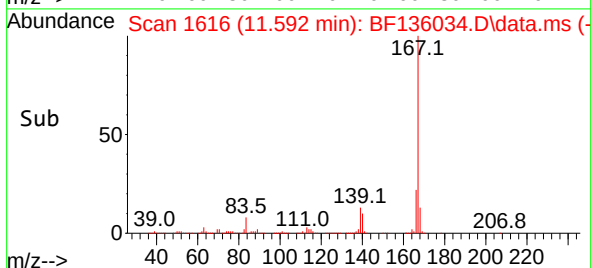
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

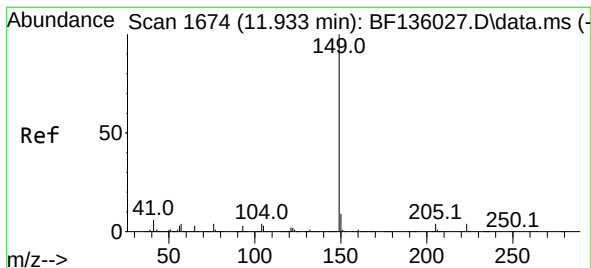


#73
 Carbazole
 Concen: 47.937 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF136034.D
 Acq: 30 Oct 2023 18:27



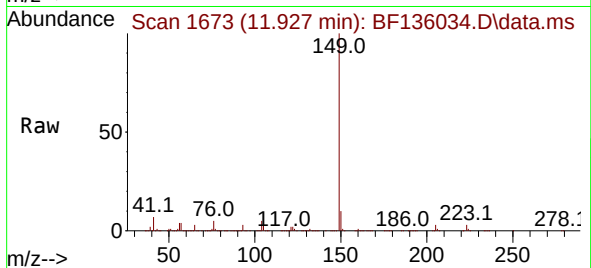
Tgt Ion:167 Resp: 1369324
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.5 9.9 14.9





#74
Di-n-butylphthalate
Concen: 46.726 ng
RT: 11.927 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

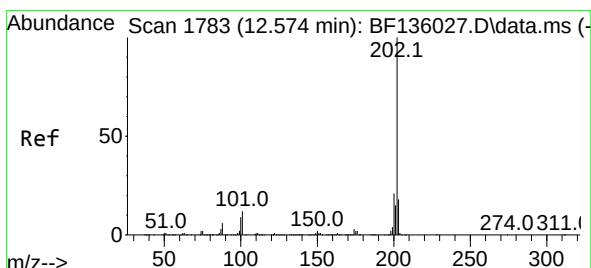
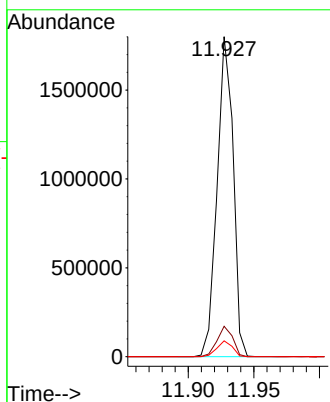
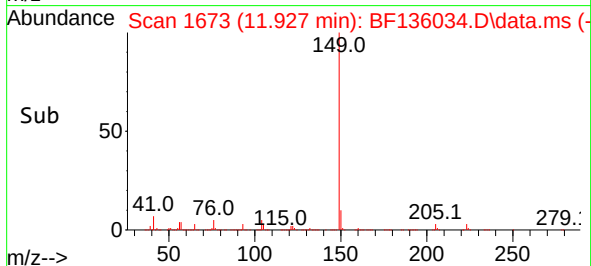
Instrument :
BNA_F
ClientSampleId :
PB156520BS



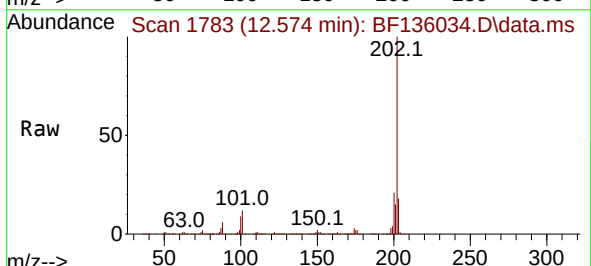
Tgt Ion:149 Resp: 1525150
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 5.0 3.6 5.4

Manual Integrations
APPROVED

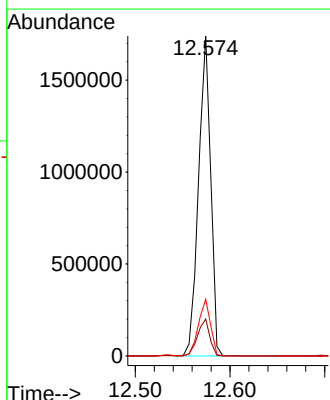
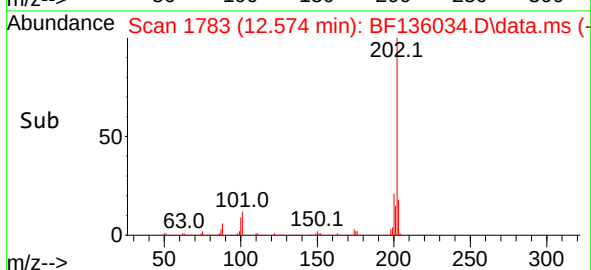
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

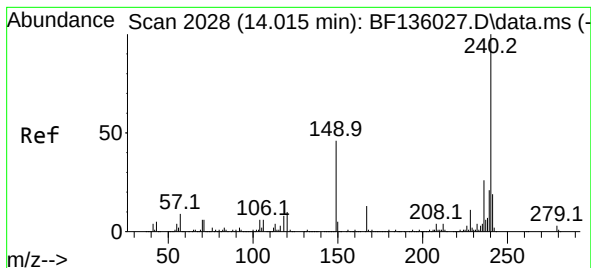


#75
Fluoranthene
Concen: 47.114 ng
RT: 12.574 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27



Tgt Ion:202 Resp: 1552646
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.8
203 17.7 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF136034.D

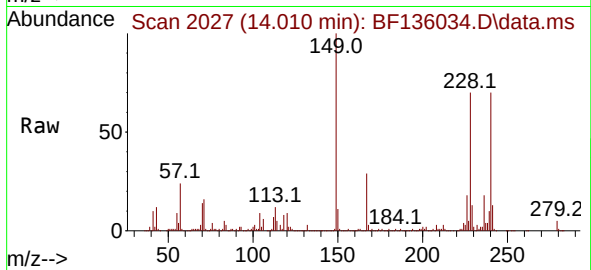
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS



Tgt Ion:240 Resp: 391040

Ion Ratio Lower Upper

240 100

120 12.8 7.6 11.4

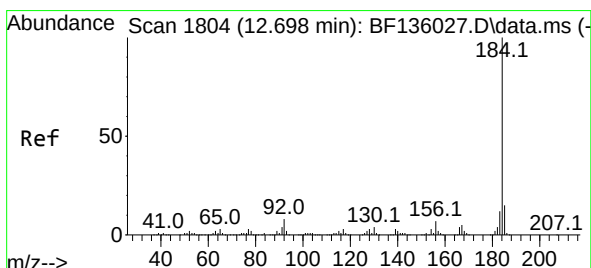
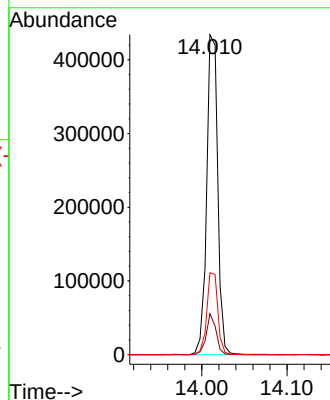
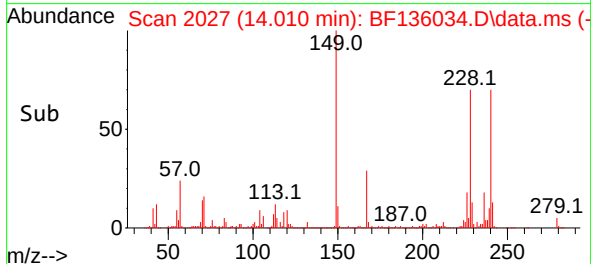
236 25.6 20.6 31.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#77

Benzidine

Concen: 54.362 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF136034.D

Acq: 30 Oct 2023 18:27

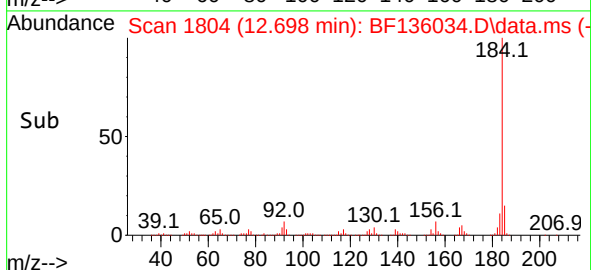
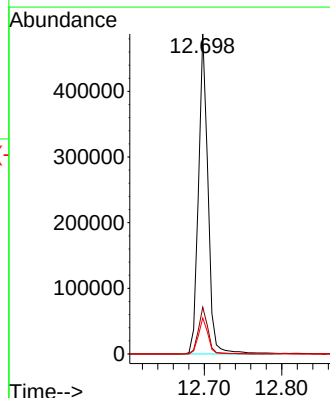
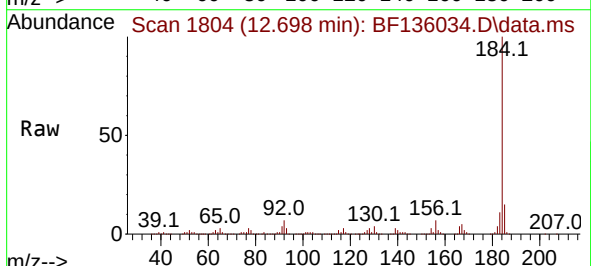
Tgt Ion:184 Resp: 414338

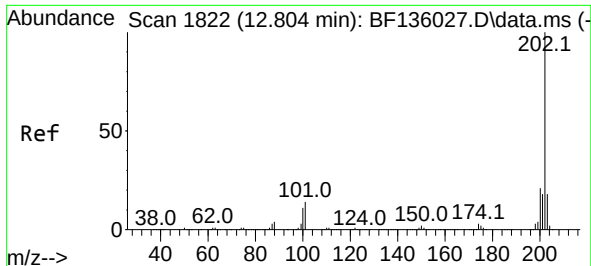
Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.8

183 11.2 9.5 14.3





#78
Pyrene
Concen: 46.368 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

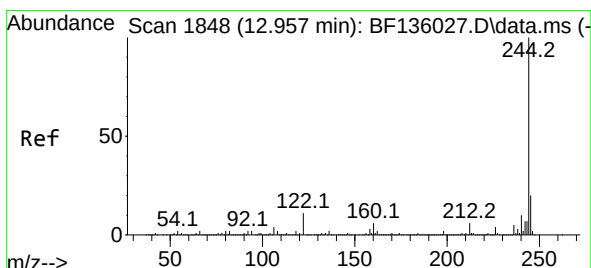
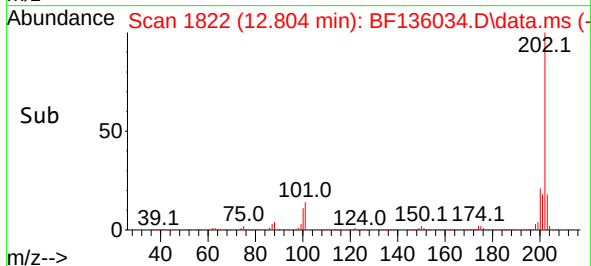
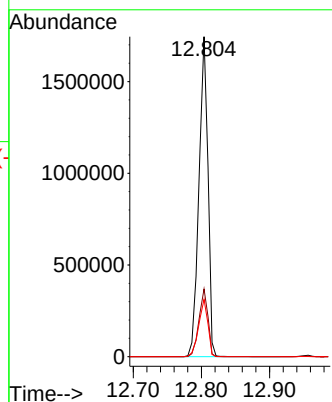
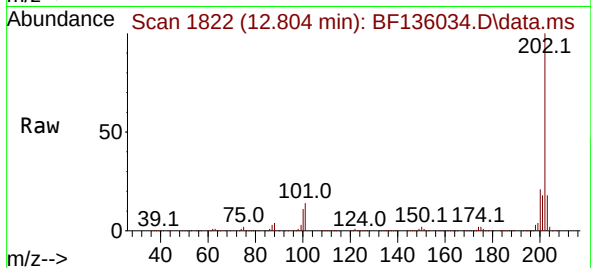
PB156520BS

Tgt Ion:202 Resp: 1598614
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.9 14.4 21.6

Manual Integrations

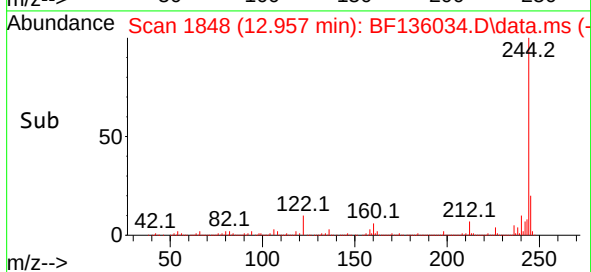
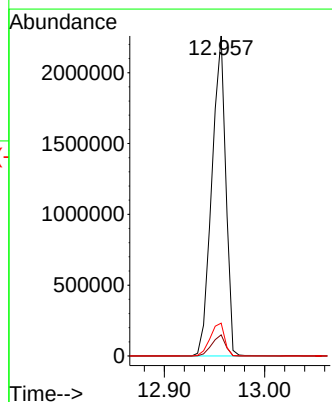
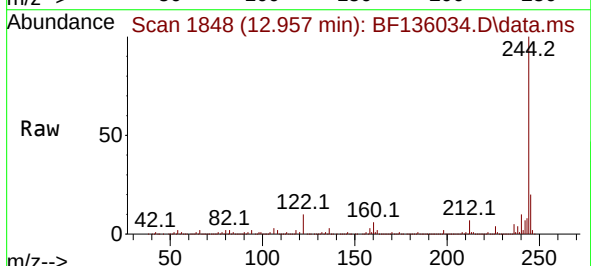
APPROVED

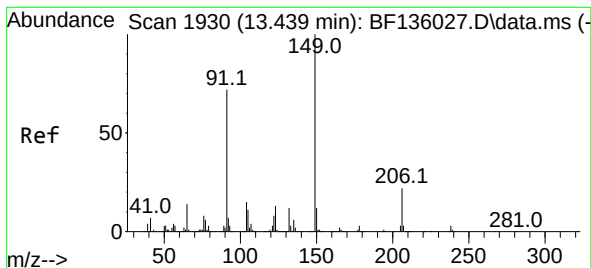
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#79
Terphenyl-d14
Concen: 86.948 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:244 Resp: 2187904
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 10.3 8.6 12.8





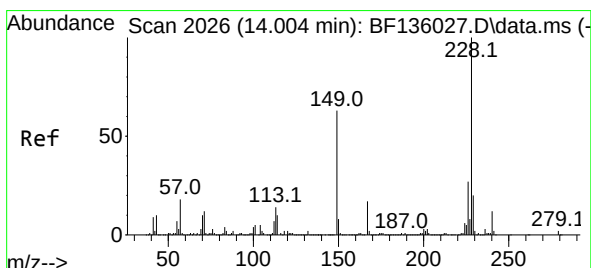
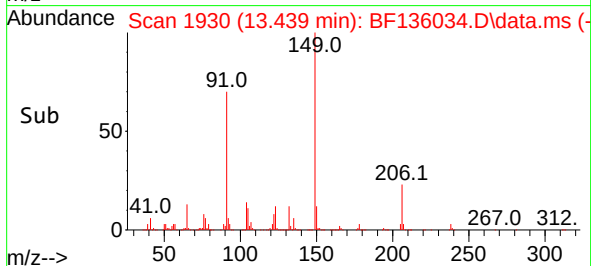
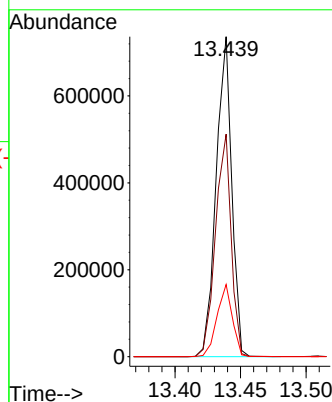
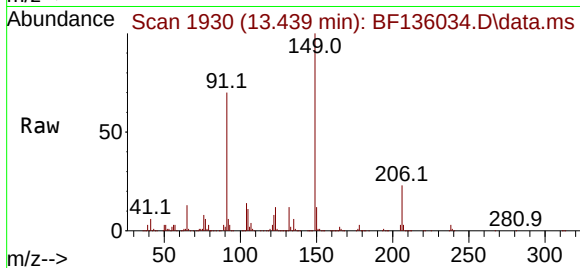
#80
Butylbenzylphthalate
Concen: 49.336 ng
RT: 13.439 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :
BNA_F
ClientSampleId :
PB156520BS

Tgt Ion:149 Resp: 60885
Ion Ratio Lower Upper
149 100
91 69.6 57.6 86.4
206 22.5 17.4 26.0

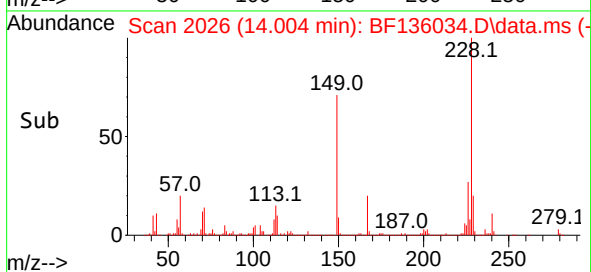
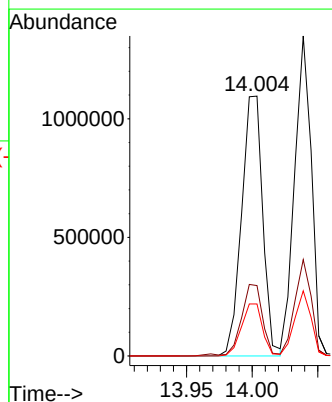
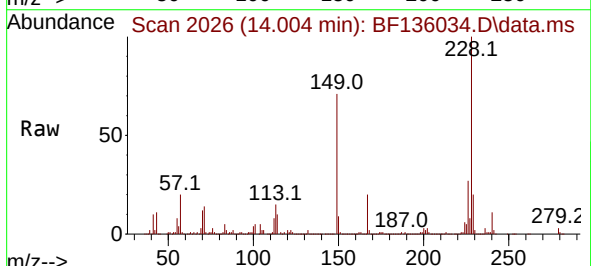
Manual Integrations
APPROVED

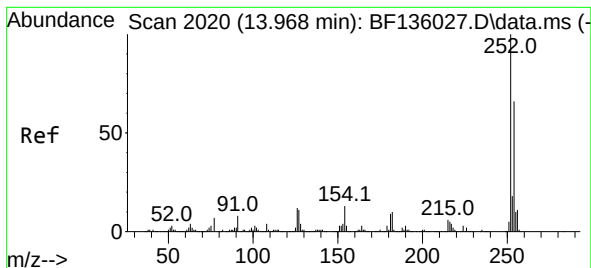
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#81
Benzo(a)anthracene
Concen: 47.699 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:228 Resp: 1234847
Ion Ratio Lower Upper
228 100
226 27.1 21.5 32.3
229 20.0 15.8 23.6





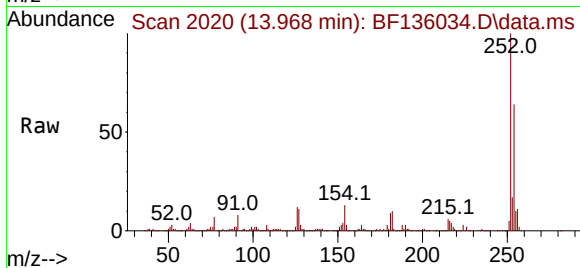
#82
3,3'-Dichlorobenzidine
Concen: 47.263 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

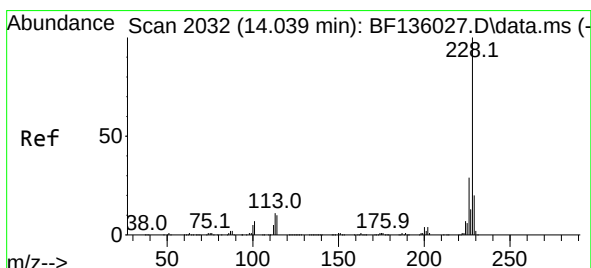
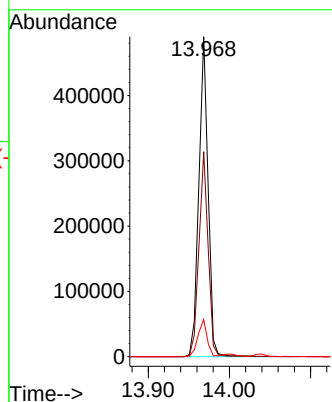
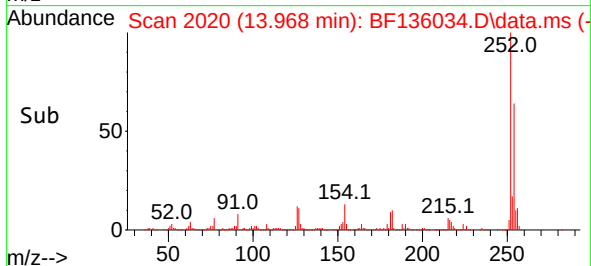


Tgt Ion:252 Resp: 390521
Ion Ratio Lower Upper
252 100
254 64.1 52.5 78.7
126 11.6 9.4 14.2

Manual Integrations

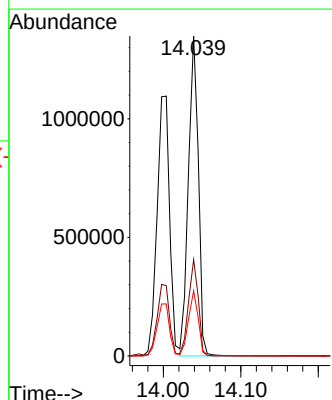
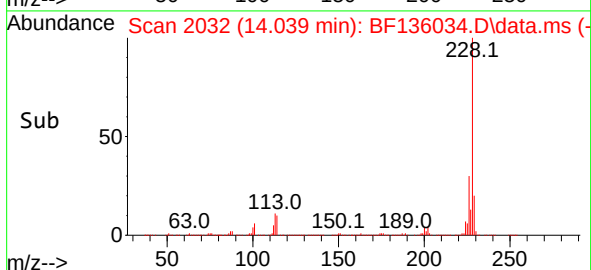
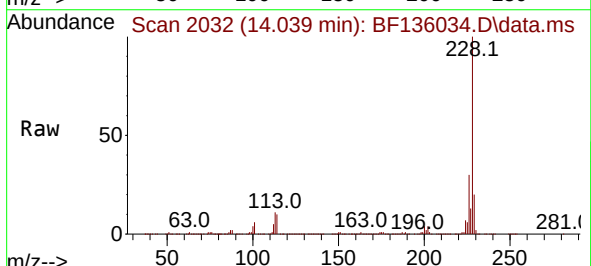
APPROVED

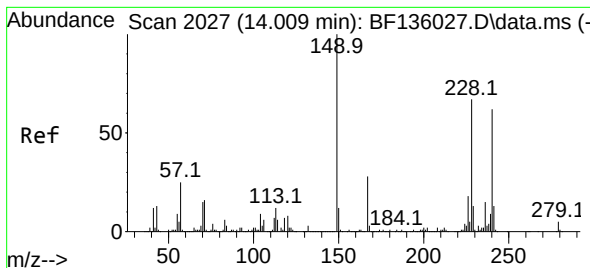
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#83
Chrysene
Concen: 47.264 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Tgt Ion:228 Resp: 1205018
Ion Ratio Lower Upper
228 100
226 30.1 23.5 35.3
229 20.4 16.0 24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 49.403 ng

RT: 14.004 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF136034.D

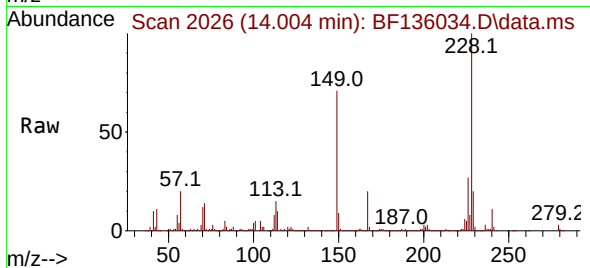
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS



Tgt Ion:149 Resp: 71031

Ion Ratio Lower Upper

149 100

167 27.4 22.6 33.8

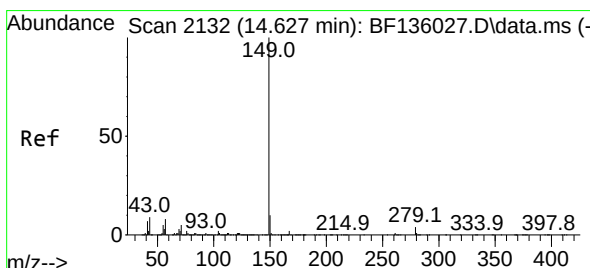
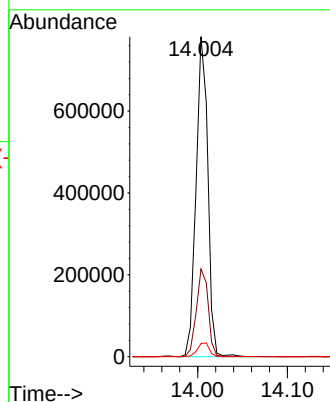
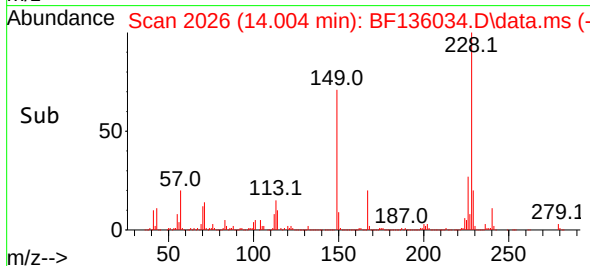
279 4.1 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#85

Di-n-octyl phthalate

Concen: 53.113 ng

RT: 14.627 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF136034.D

Acq: 30 Oct 2023 18:27

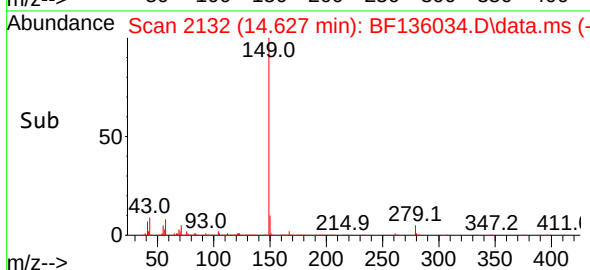
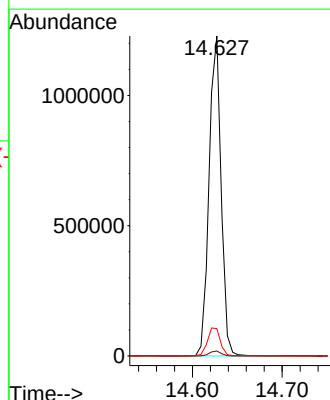
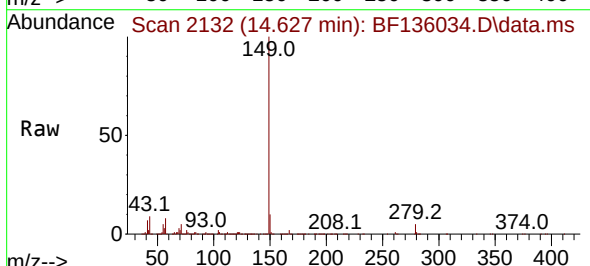
Tgt Ion:149 Resp: 1143998

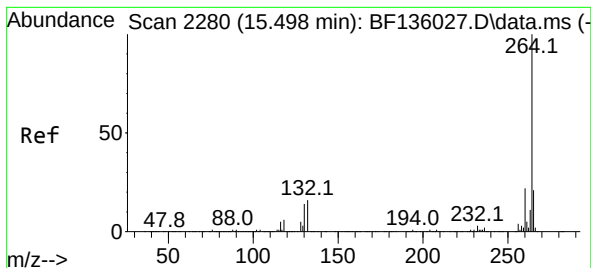
Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.4 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136034.D

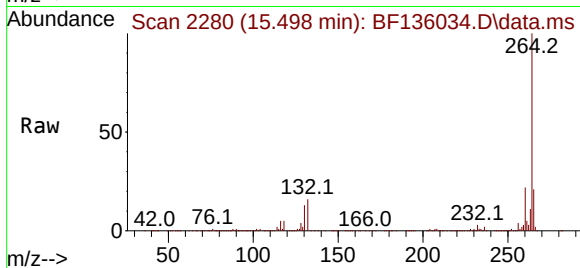
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS



Tgt Ion:264 Resp: 33848

Ion Ratio Lower Upper

264 100

260 22.3 17.9 26.9

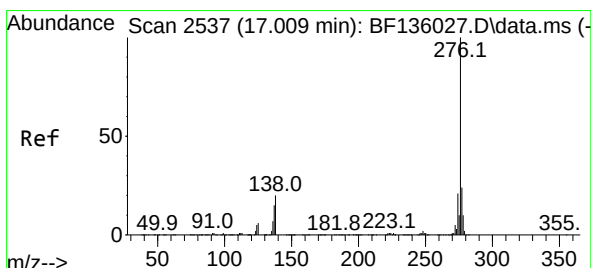
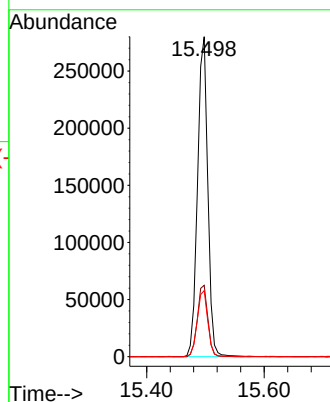
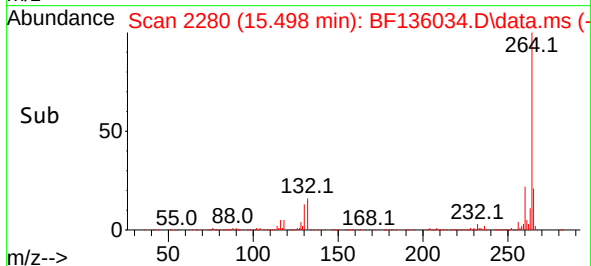
265 20.7 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 49.530 ng

RT: 17.009 min Scan# 2537

Delta R.T. 0.000 min

Lab File: BF136034.D

Acq: 30 Oct 2023 18:27

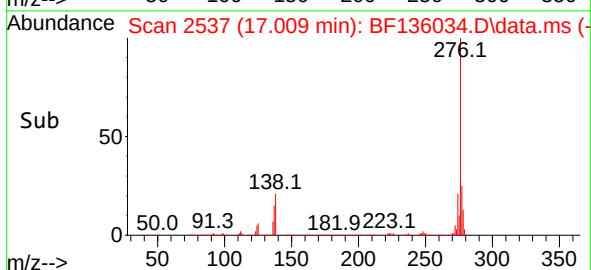
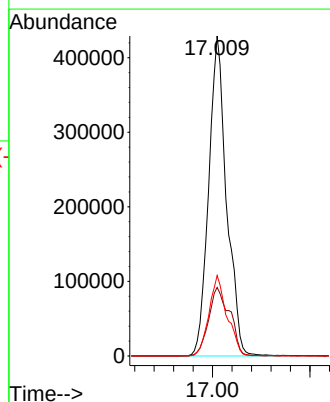
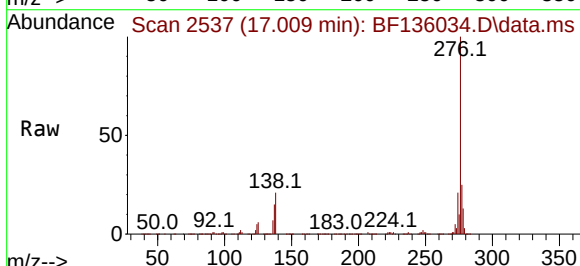
Tgt Ion:276 Resp: 1095715

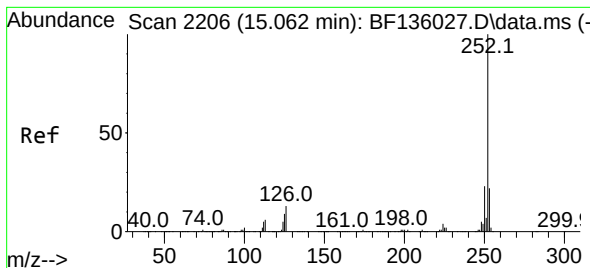
Ion Ratio Lower Upper

276 100

138 25.2 20.4 30.6

277 25.3 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 49.920 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF136034.D

Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

Tgt Ion:252 Resp: 99984

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

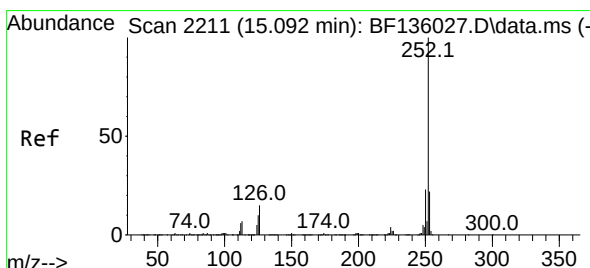
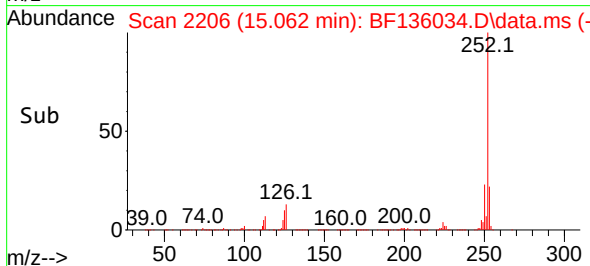
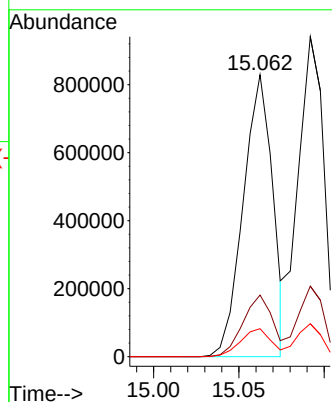
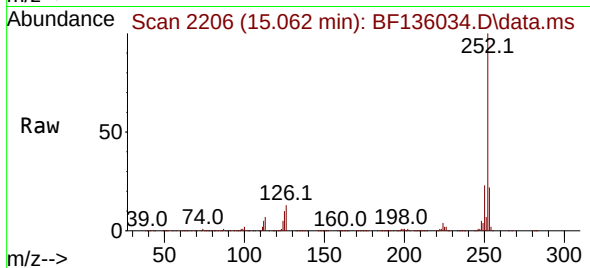
125 9.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#89

Benzo(k)fluoranthene

Concen: 50.402 ng

RT: 15.092 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF136034.D

Acq: 30 Oct 2023 18:27

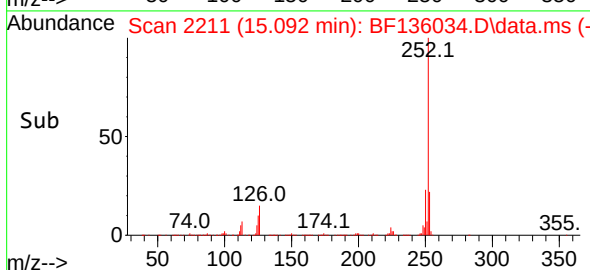
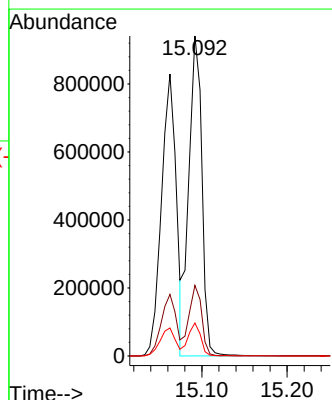
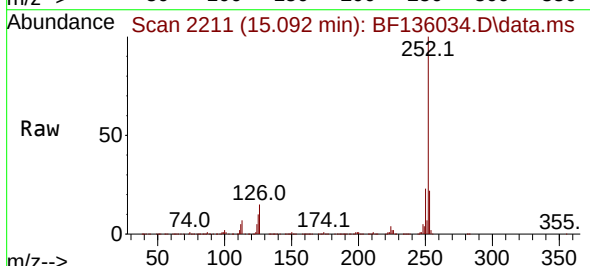
Tgt Ion:252 Resp: 998839

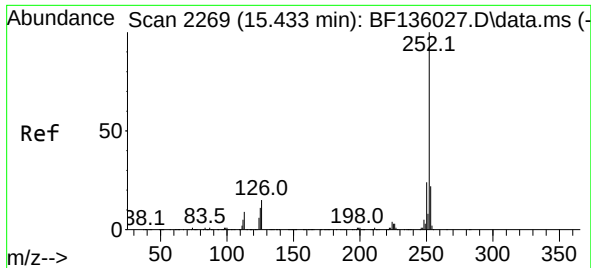
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.3 8.0 12.0





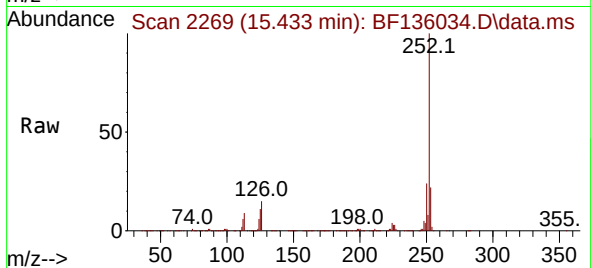
#90
Benzo(a)pyrene
Concen: 46.167 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :

BNA_F

ClientSampleId :

PB156520BS

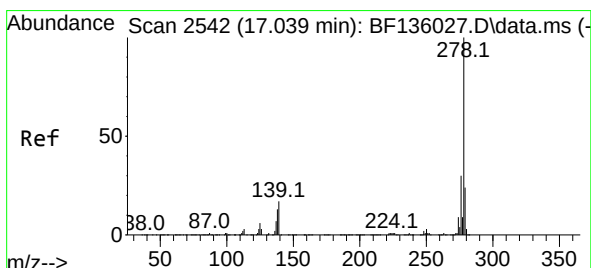
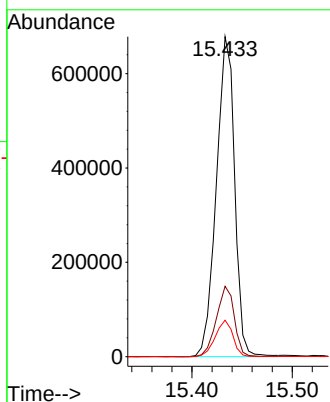
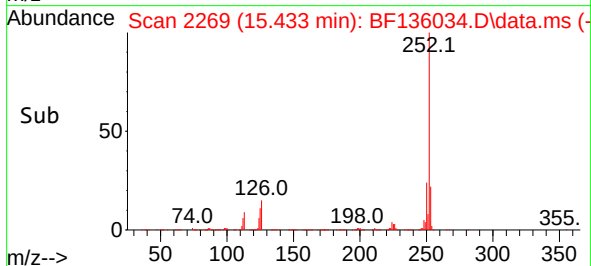


Tgt Ion:252 Resp: 859160
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.4 9.0 13.6

Manual Integrations

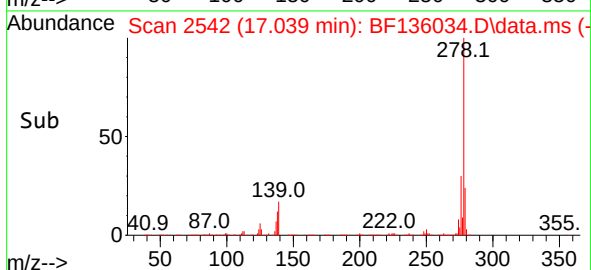
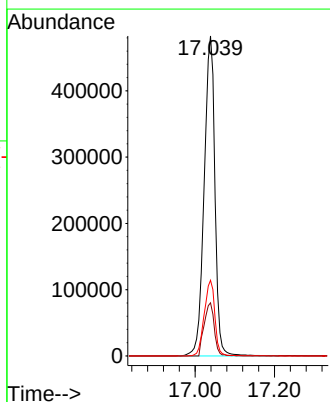
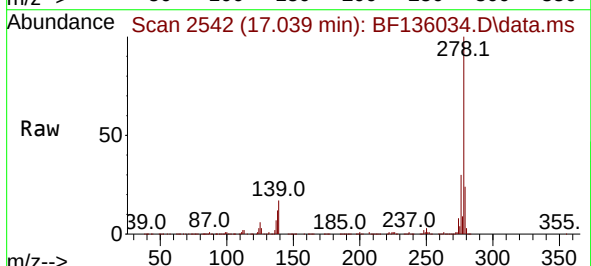
APPROVED

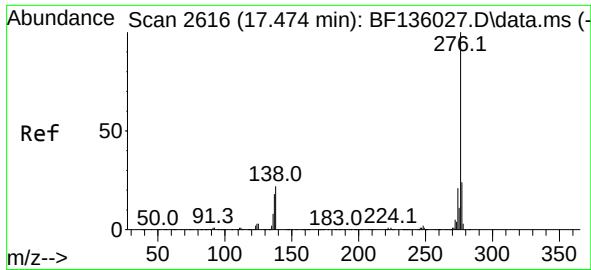
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#91
Dibenzo(a,h)anthracene
Concen: 50.413 ng
RT: 17.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

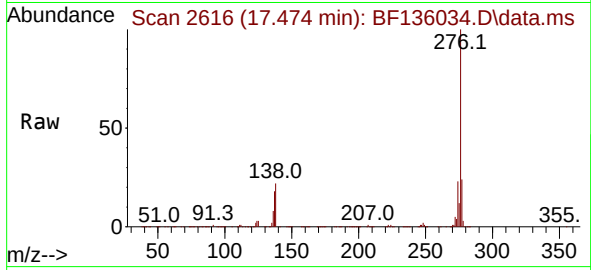
Tgt Ion:278 Resp: 913539
Ion Ratio Lower Upper
278 100
139 16.6 13.7 20.5
279 23.7 19.0 28.6





#92
Benzo(g,h,i)perylene
Concen: 45.044 ng
RT: 17.474 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF136034.D
Acq: 30 Oct 2023 18:27

Instrument :
BNA_F
ClientSampleId :
PB156520BS



Tgt Ion:276 Resp: 92539
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 22.0 17.4 26.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

