

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
 Data File : BF136142.D
 Acq On : 04 Nov 2023 12:04
 Operator : CG\JU
 Sample : PB156895BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156895BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023

Quant Time: Nov 06 00:59:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	105934	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	434384	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	230446	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	432341	20.000	ng	0.00
76) Chrysene-d12	14.010	240	227074	20.000	ng	0.00
86) Perylene-d12	15.492	264	213487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	799643	118.618	ng	0.01
7) Phenol-d6	6.457	99	991434	118.037	ng	0.00
23) Nitrobenzene-d5	7.387	82	597416	82.908	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	311976	126.834	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1145554	79.243	ng	0.00
79) Terphenyl-d14	12.951	244	1332052	91.162	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	93004	31.682	ng	99
3) Pyridine	3.410	79	232736	29.047	ng	99
4) n-Nitrosodimethylamine	3.375	42	135362	40.406	ng	90
6) Aniline	6.481	93	306861	28.218	ng	98
8) 2-Chlorophenol	6.604	128	318635	44.210	ng	99
9) Benzaldehyde	6.369	77	36724	7.841	ng	98
10) Phenol	6.475	94	375907	43.270	ng	83
11) bis(2-Chloroethyl)ether	6.563	93	287115	42.216	ng	99
12) 1,3-Dichlorobenzene	6.763	146	323843	43.172	ng	99
13) 1,4-Dichlorobenzene	6.840	146	330934	44.022	ng	99
14) 1,2-Dichlorobenzene	6.987	146	313314	44.573	ng	97
15) Benzyl Alcohol	6.963	79	255877	42.964	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	385093	41.137	ng	99
17) 2-Methylphenol	7.075	107	244612	40.007	ng	97
18) Hexachloroethane	7.328	117	118623	44.895	ng	98
19) n-Nitroso-di-n-propyla...	7.240	70	200234	41.723	ng	98
20) 3+4-Methylphenols	7.228	107	299526	40.175	ng	97
22) Acetophenone	7.234	105	412867	42.863	ng	96
24) Nitrobenzene	7.404	77	311218	42.698	ng	96
25) Isophorone	7.640	82	568575	41.795	ng	99
26) 2-Nitrophenol	7.716	139	161646	48.608	ng	91
27) 2,4-Dimethylphenol	7.757	122	254515	40.501	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	340868	40.895	ng	98
29) 2,4-Dichlorophenol	7.957	162	258576	43.647	ng	97
30) 1,2,4-Trichlorobenzene	8.039	180	282124	43.654	ng	100
31) Naphthalene	8.122	128	879518	41.988	ng	99
32) Benzoic acid	7.881	122	201309	40.842	ng	96
33) 4-Chloroaniline	8.169	127	192243	20.957	ng	99
34) Hexachlorobutadiene	8.239	225	164120	44.282	ng	100
35) Caprolactam	8.545	113	84806m	44.025	ng	
36) 4-Chloro-3-methylphenol	8.657	107	280825	45.152	ng	99
37) 2-Methylnaphthalene	8.816	142	569911	40.577	ng	100
38) 1-Methylnaphthalene	8.916	142	544814	41.682	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	266915	40.613	ng	99
41) Hexachlorocyclopentadiene	8.969	237	297222	84.651	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	182910	42.685	ng	99

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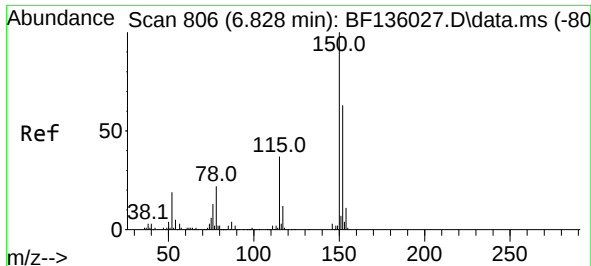
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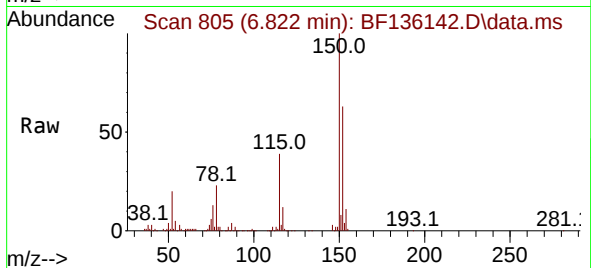
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	201236	40.541	ng	99
46) 1,1'-Biphenyl	9.281	154	723030	41.158	ng	99
47) 2-Chloronaphthalene	9.304	162	552896	42.693	ng	97
48) 2-Nitroaniline	9.404	65	174297	45.477	ng	96
49) Acenaphthylene	9.722	152	868127	42.970	ng	99
50) Dimethylphthalate	9.586	163	649626	42.737	ng	99
51) 2,6-Dinitrotoluene	9.645	165	148296	45.614	ng	89
52) Acenaphthene	9.898	154	536173	41.747	ng	99
53) 3-Nitroaniline	9.816	138	127230	33.540	ng	97
54) 2,4-Dinitrophenol	9.922	184	155691	87.527	ng #	88
55) Dibenzofuran	10.069	168	782802	41.799	ng	97
56) 4-Nitrophenol	9.981	139	246332	86.812	ng	83
57) 2,4-Dinitrotoluene	10.051	165	197565	48.030	ng	98
58) Fluorene	10.410	166	600917	42.856	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	175015	44.348	ng	97
60) Diethylphthalate	10.292	149	677329	46.636	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	292230	41.751	ng	95
62) 4-Nitroaniline	10.433	138	150911	41.314	ng	95
63) Azobenzene	10.569	77	584609	41.796	ng	97
65) 4,6-Dinitro-2-methylph...	10.457	198	104162	44.348	ng	75
66) n-Nitrosodiphenylamine	10.528	169	544722	41.766	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	191750	42.303	ng	93
68) Hexachlorobenzene	10.957	284	219074	45.253	ng #	91
69) Atrazine	11.057	200	181663	51.194	ng	97
70) Pentachlorophenol	11.157	266	225675	72.586	ng	98
71) Phenanthrene	11.380	178	942414	43.293	ng	99
72) Anthracene	11.427	178	955826	42.850	ng	100
73) Carbazole	11.586	167	831112	42.877	ng	99
74) Di-n-butylphthalate	11.922	149	974229	43.985	ng	98
75) Fluoranthene	12.574	202	964763	43.141	ng	95
77) Benzidine	12.698	184	154823	34.981	ng	98
78) Pyrene	12.804	202	962157	48.060	ng	99
80) Butylbenzylphthalate	13.433	149	324920	45.340	ng	99
81) Benzo(a)anthracene	13.998	228	647732	43.087	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	176148	36.712	ng	98
83) Chrysene	14.033	228	629621	42.528	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	362118	43.373	ng #	97
85) Di-n-octyl phthalate	14.621	149	522234	41.754	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	738780	52.949	ng	98
88) Benzo(b)fluoranthene	15.057	252	591452	46.820	ng	99
89) Benzo(k)fluoranthene	15.092	252	525755	42.064	ng	98
90) Benzo(a)pyrene	15.433	252	514355	43.822	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	619537	54.207	ng #	96
92) Benzo(g,h,i)perylene	17.474	276	617078	47.458	ng	98

(#) = 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. -0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

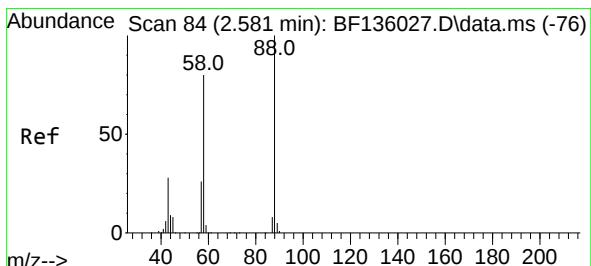
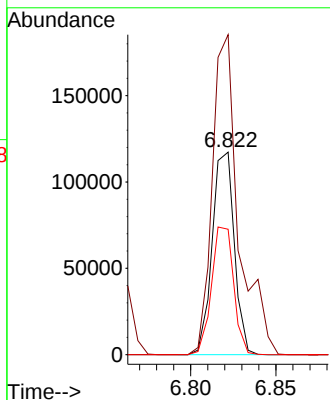
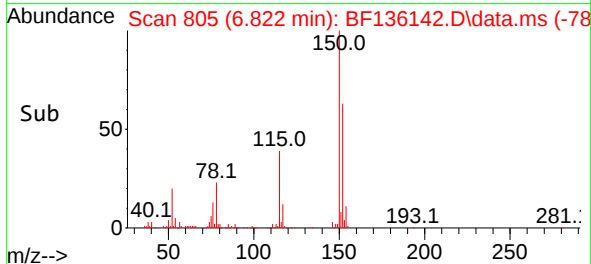
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Tgt Ion:152 Resp: 105934
Ion Ratio Lower Upper
152 100
150 157.9 126.4 189.6
115 61.9 47.0 70.4

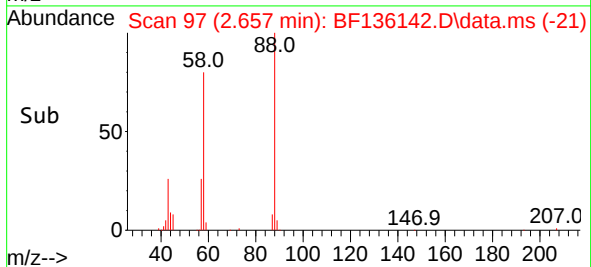
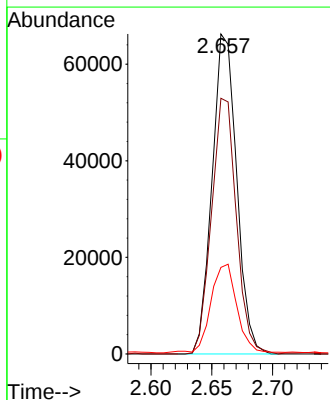
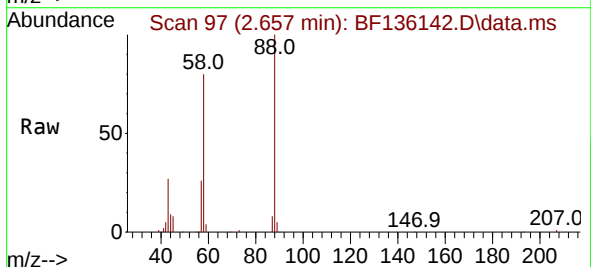
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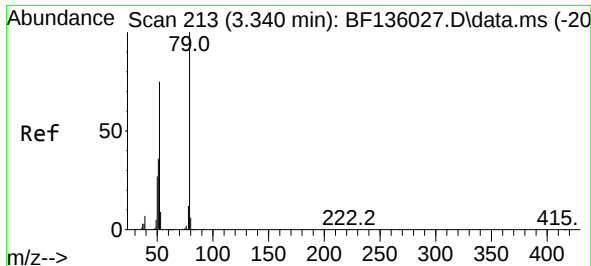
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#2
1,4-Dioxane
Concen: 31.682 ng
RT: 2.657 min Scan# 97
Delta R.T. 0.094 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

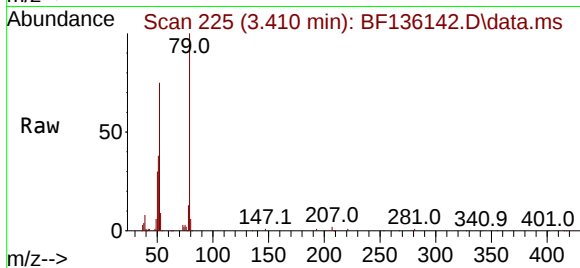
Tgt Ion: 88 Resp: 93004
Ion Ratio Lower Upper
88 100
58 80.6 64.3 96.5
43 30.0 22.3 33.5





#3
Pyridine
Concen: 29.047 ng
RT: 3.410 min Scan# 213
Delta R.T. 0.088 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

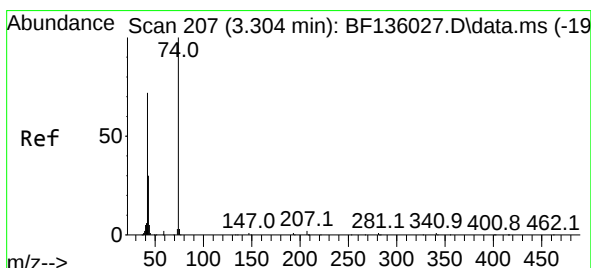
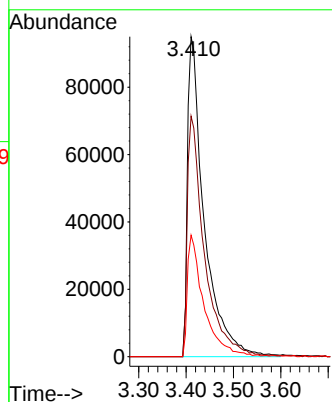
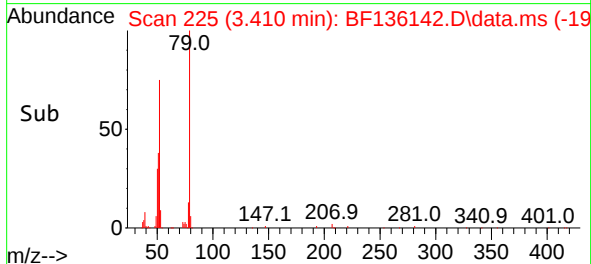
Instrument :
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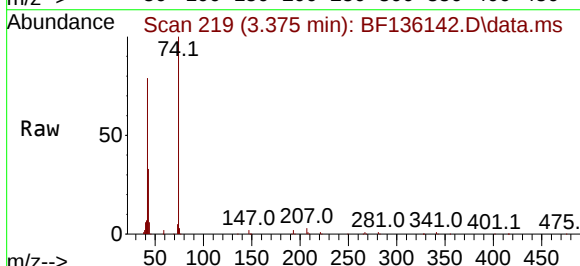
Tgt Ion: 79 Resp: 232730
Ion Ratio Lower Upper
79 100
52 75.1 60.3 90.5
51 38.0 29.3 43.9

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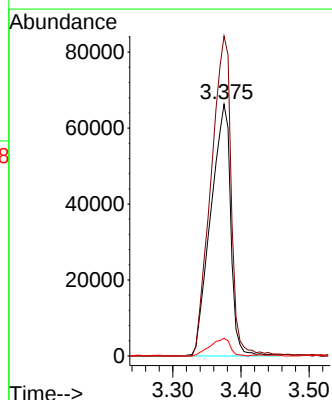
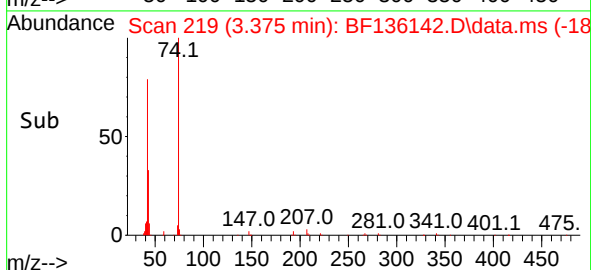
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

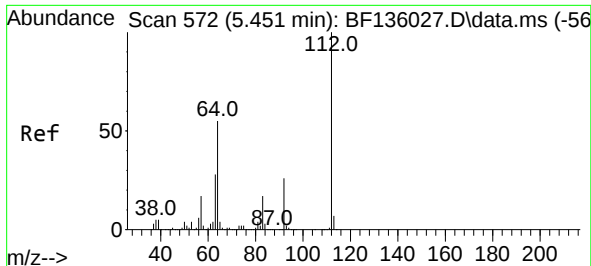


#4
n-Nitrosodimethylamine
Concen: 40.406 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.083 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



Tgt Ion: 42 Resp: 135362
Ion Ratio Lower Upper
42 100
74 127.2 111.8 167.6
44 7.1 6.2 9.4





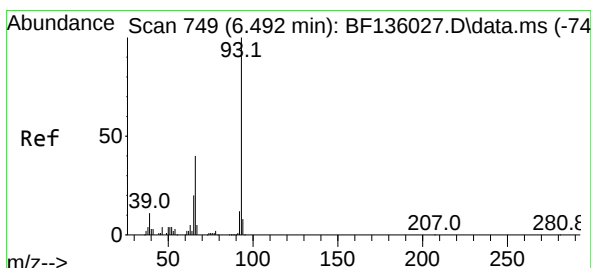
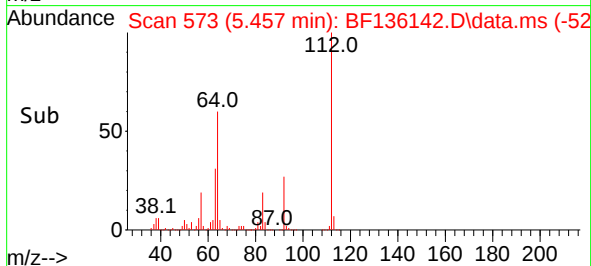
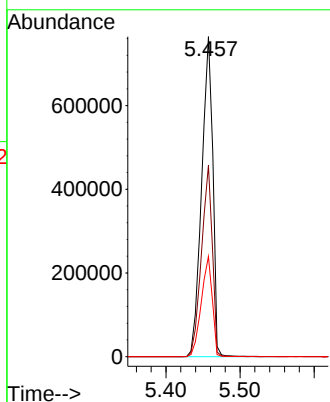
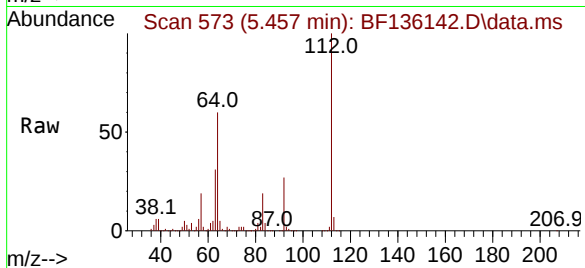
#5
2-Fluorophenol
Concen: 118.618 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

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Tgt Ion:112 Resp: 79964
Ion Ratio Lower Upper
112 100
64 59.8 43.9 65.9
63 31.3 22.4 33.6

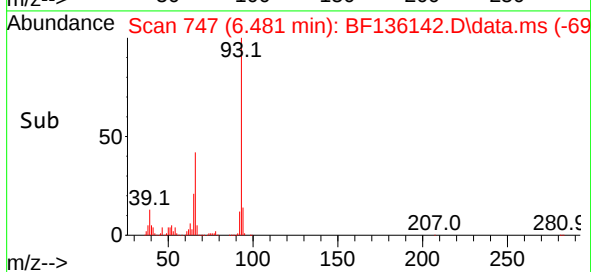
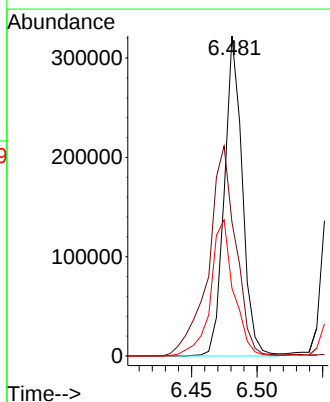
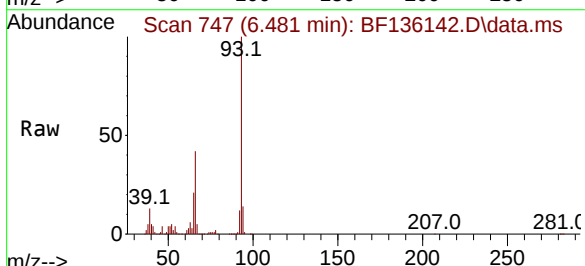
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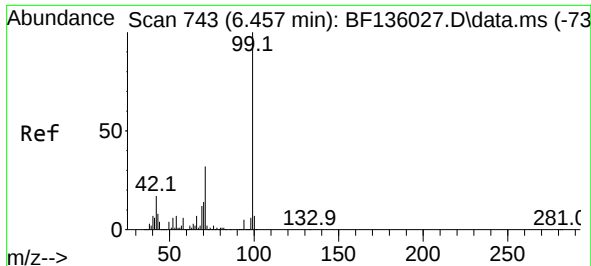
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#6
Aniline
Concen: 28.218 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Tgt Ion: 93 Resp: 306861
Ion Ratio Lower Upper
93 100
66 41.8 32.4 48.6
65 21.2 16.2 24.2





#7

Phenol-d6

Concen: 118.037 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF136142.D

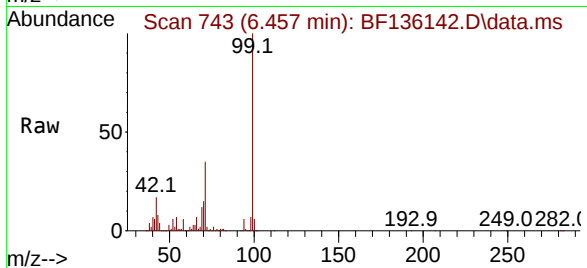
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Instrument :

BNA_F

ClientSampleId :

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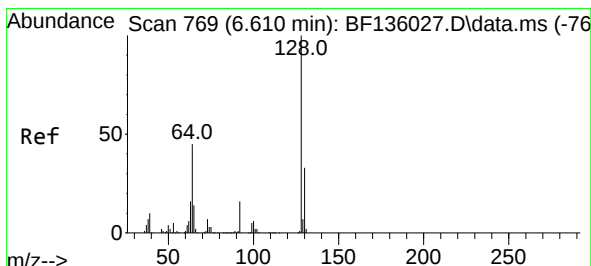
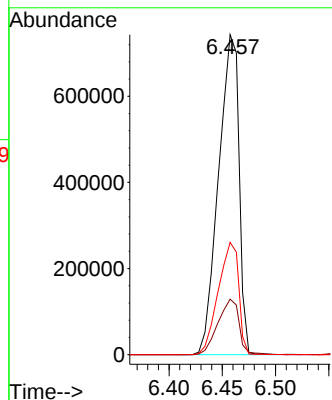
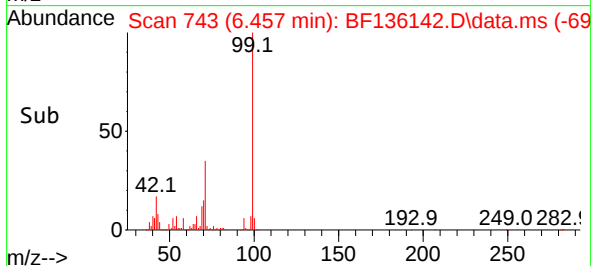
Tgt Ion:	99	Resp:	991434
Ion Ratio	100	Lower	Upper
99	100		
42	17.4	13.7	20.5
71	35.1	25.9	38.9

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.210 ng

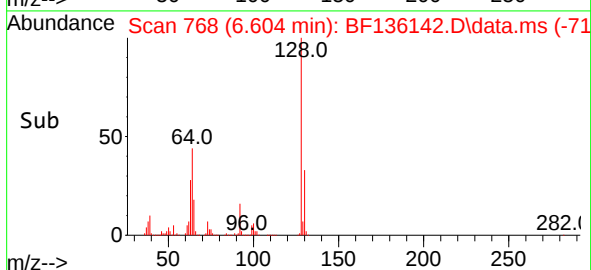
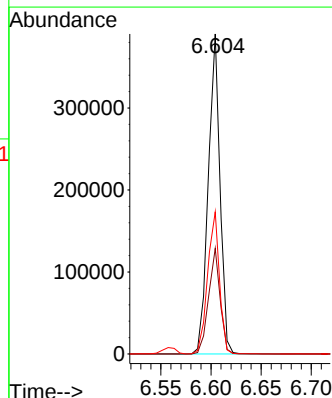
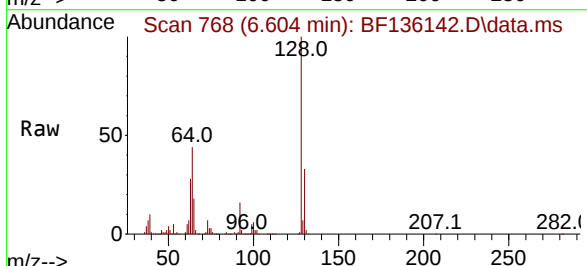
RT: 6.604 min Scan# 768

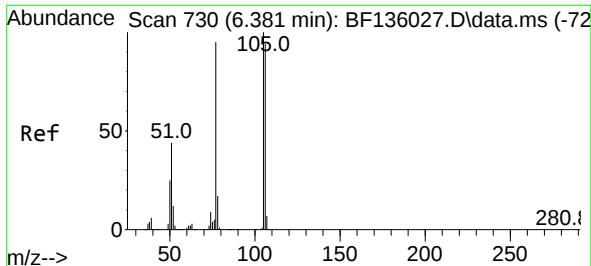
Delta R.T. 0.000 min

Lab File: BF136142.D

Acq: 04 Nov 2023 12:04

Tgt Ion:	128	Resp:	318635
Ion Ratio	100	Lower	Upper
128	100		
130	33.0	12.8	52.8
64	44.4	25.8	65.8





#9

Benzaldehyde

Concen: 7.841 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136142.D

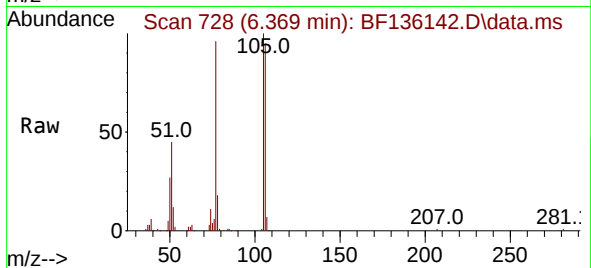
Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

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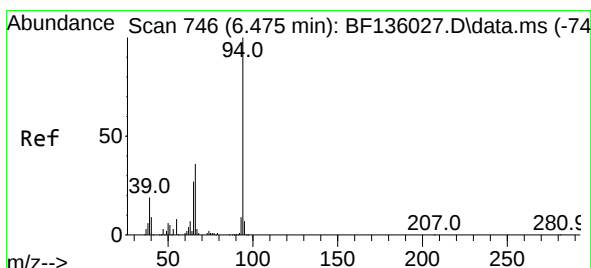
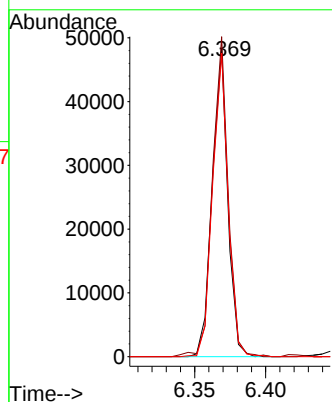
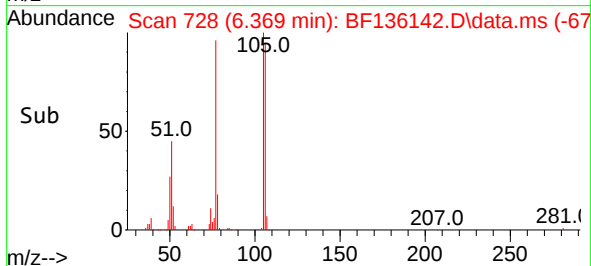
Tgt Ion: 77	Resp: 36724
Ion Ratio	Lower Upper
77 100	
105 103.7	85.7 125.7
106 98.3	79.8 119.8

Manual Integrations

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#10

Phenol

Concen: 43.270 ng

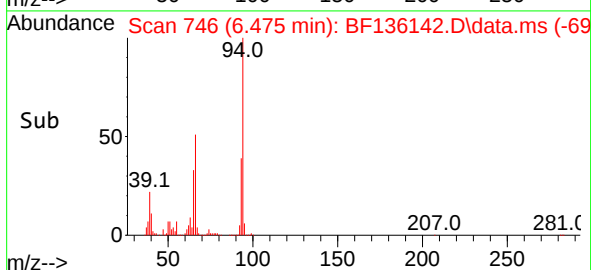
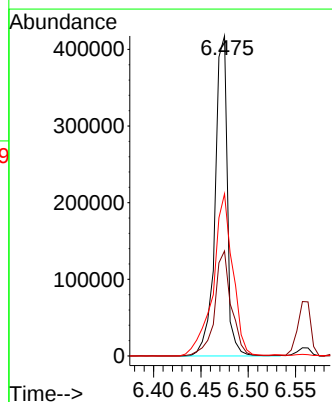
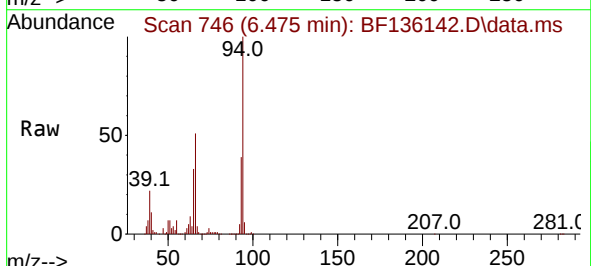
RT: 6.475 min Scan# 746

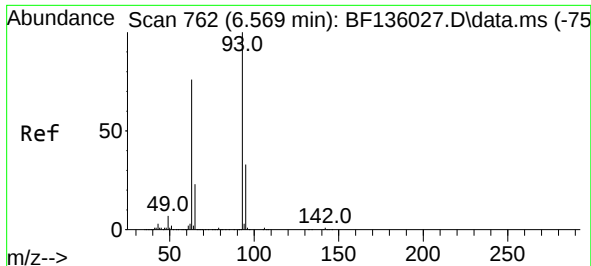
Delta R.T. 0.006 min

Lab File: BF136142.D

Acq: 04 Nov 2023 12:04

Tgt Ion: 94	Resp: 375907
Ion Ratio	Lower Upper
94 100	
65 32.8	7.5 47.5
66 50.7	17.1 57.1





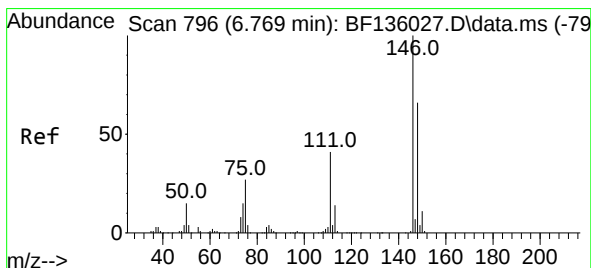
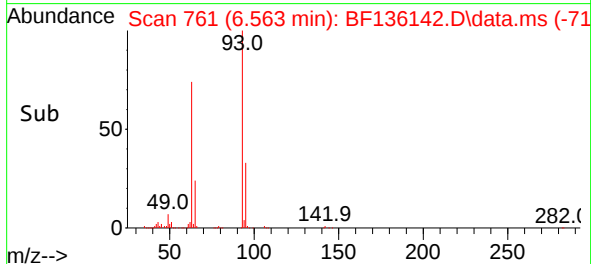
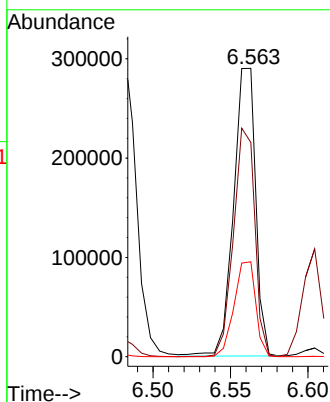
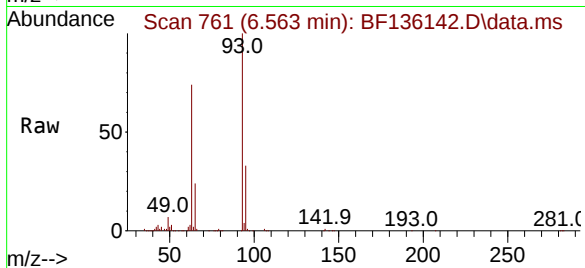
#11
bis(2-Chloroethyl)ether
Concen: 42.216 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :
BNA_F
ClientSampleId :
PB156895BSD

Tgt Ion: 93 Resp: 287115
Ion Ratio Lower Upper
93 100
63 74.3 55.8 95.8
95 32.9 12.9 52.9

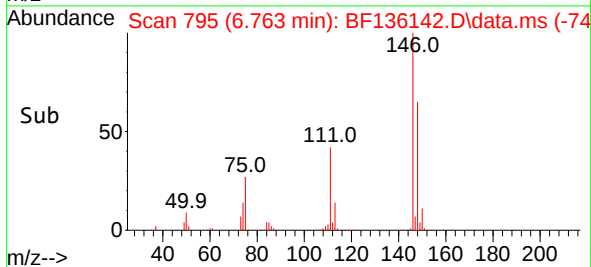
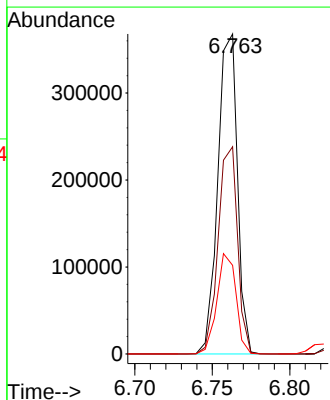
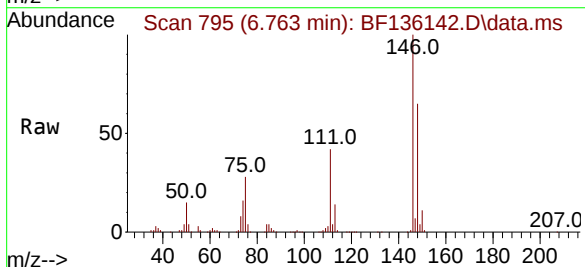
Manual Integrations
APPROVED

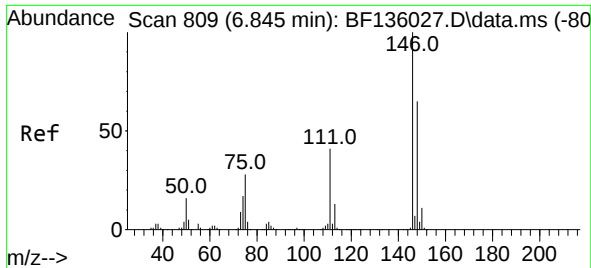
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#12
1,3-Dichlorobenzene
Concen: 43.172 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Tgt Ion:146 Resp: 323843
Ion Ratio Lower Upper
146 100
148 64.7 52.6 78.8
75 27.7 21.6 32.4





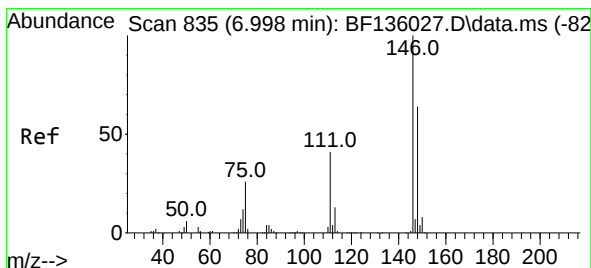
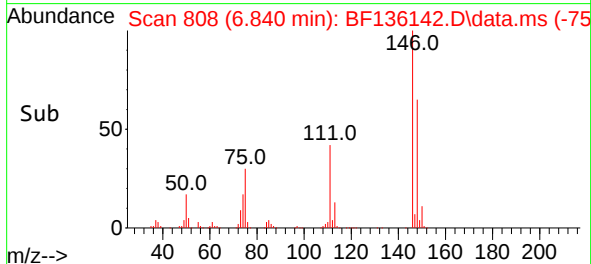
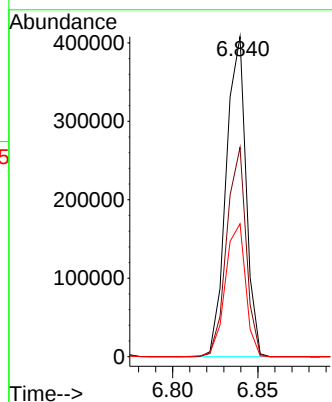
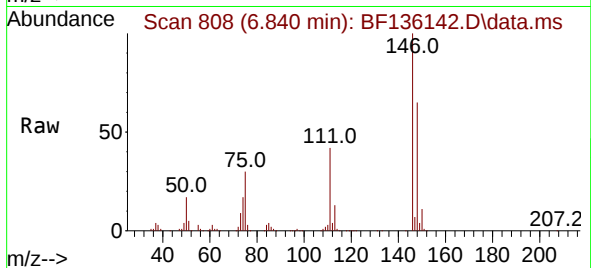
#13
1,4-Dichlorobenzene
Concen: 44.022 ng
RT: 6.840 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :
BNA_F
ClientSampleId :
PB156895BSD

Tgt Ion:146 Resp: 330934
Ion Ratio Lower Upper
146 100
148 65.4 52.1 78.1
111 41.6 32.6 48.8

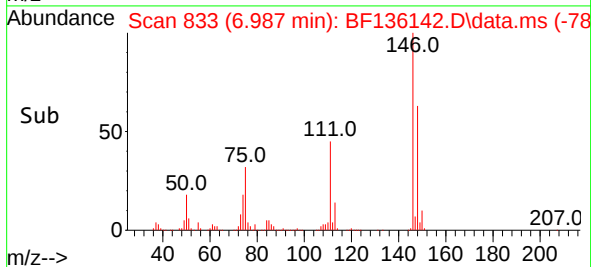
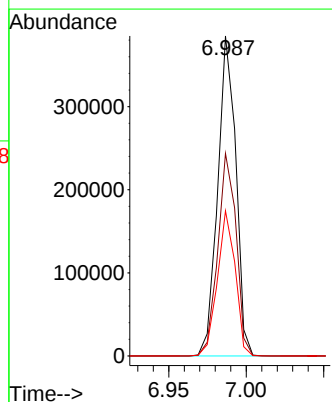
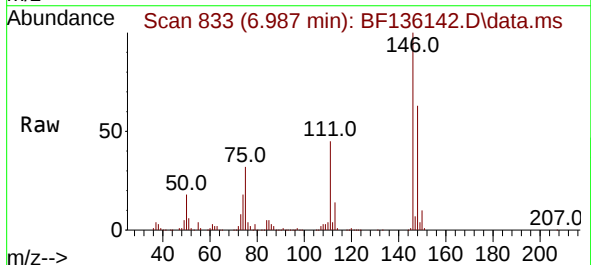
Manual Integrations
APPROVED

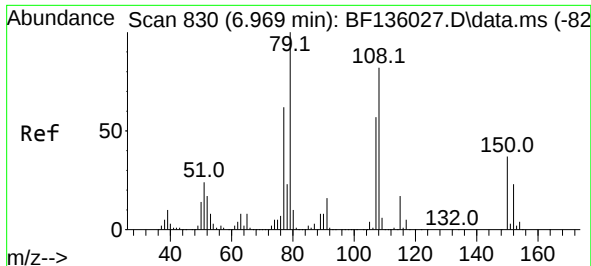
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#14
1,2-Dichlorobenzene
Concen: 44.573 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Tgt Ion:146 Resp: 313314
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
111 45.3 33.0 49.4





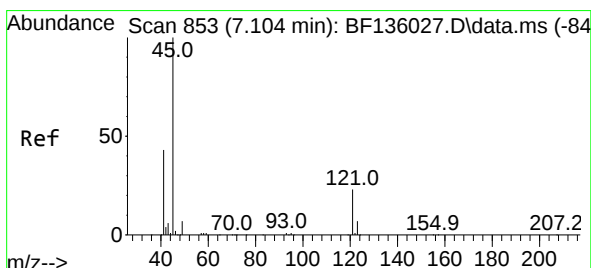
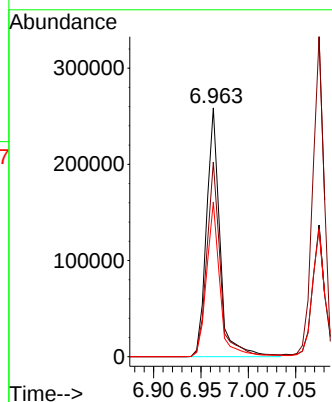
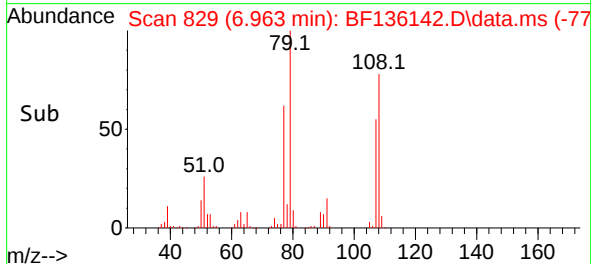
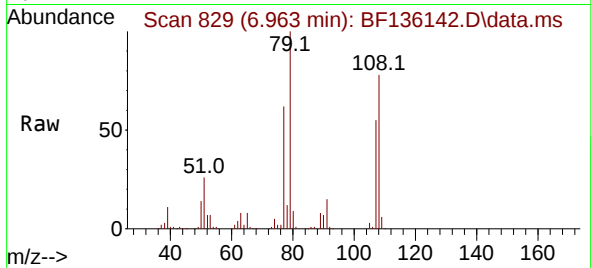
#15
Benzyl Alcohol
Concen: 42.964 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :
BNA_F
ClientSampleId :
PB156895BSD

Tgt Ion: 79 Resp: 25587
Ion Ratio Lower Upper
79 100
108 78.3 65.9 98.9
77 62.1 49.4 74.2

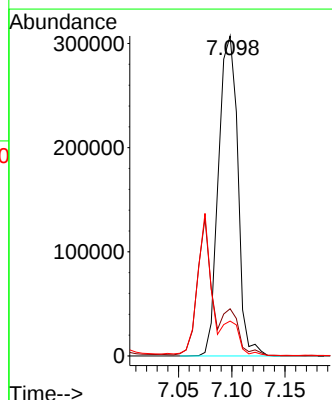
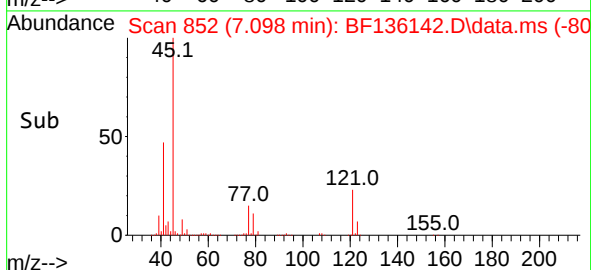
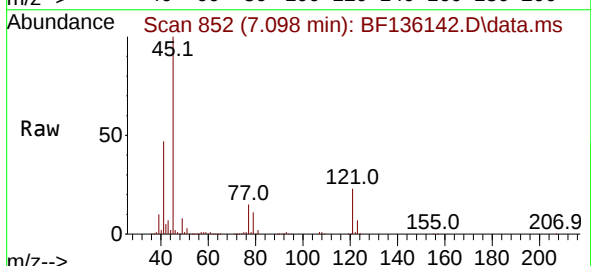
Manual Integrations
APPROVED

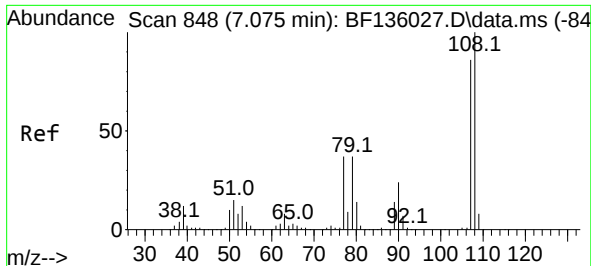
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.137 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Tgt Ion: 45 Resp: 385093
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.6
79 10.9 0.0 30.6





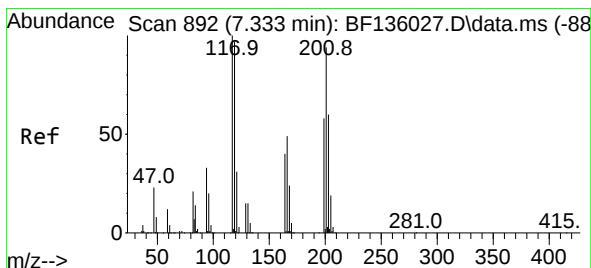
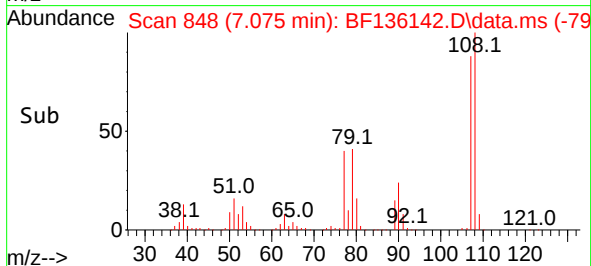
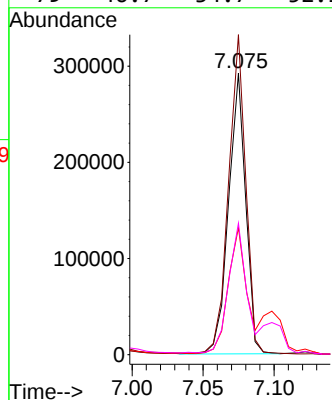
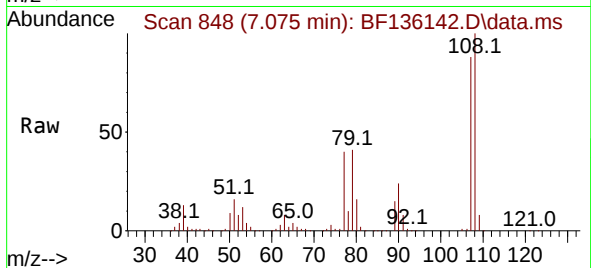
#17
2-Methylphenol
Concen: 40.007 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :
BNA_F
ClientSampleId :
PB156895BSD

Tgt Ion:107 Resp: 244612
Ion Ratio Lower Upper
107 100
108 113.6 93.4 140.2
77 45.1 34.4 51.6
79 46.7 34.7 52.1

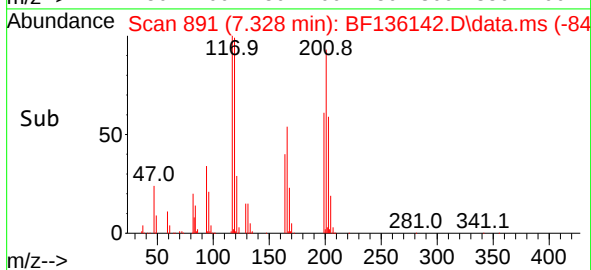
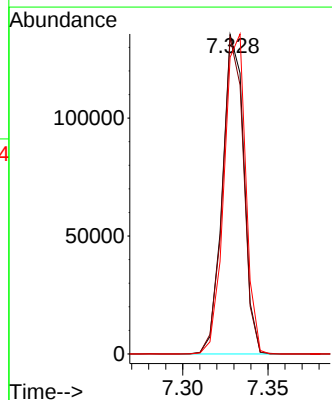
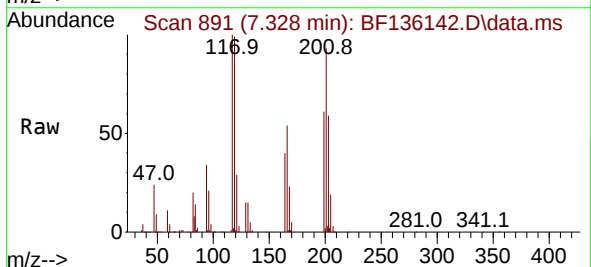
Manual Integrations
APPROVED

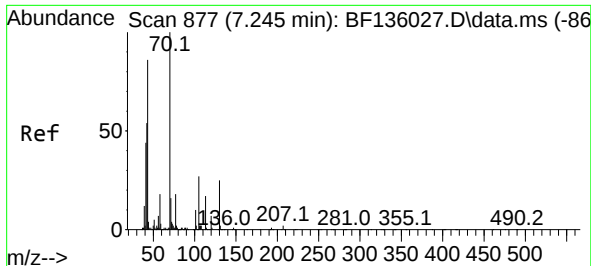
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#18
Hexachloroethane
Concen: 44.895 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Tgt Ion:117 Resp: 118623
Ion Ratio Lower Upper
117 100
119 99.2 77.7 116.5
201 92.9 75.0 112.6





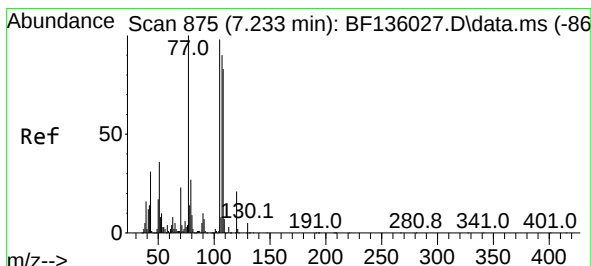
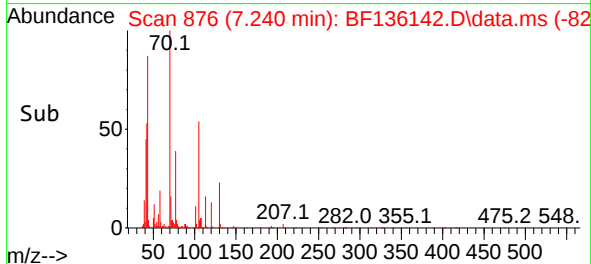
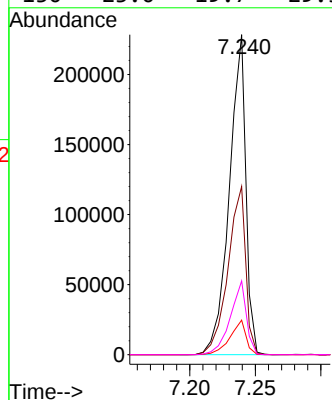
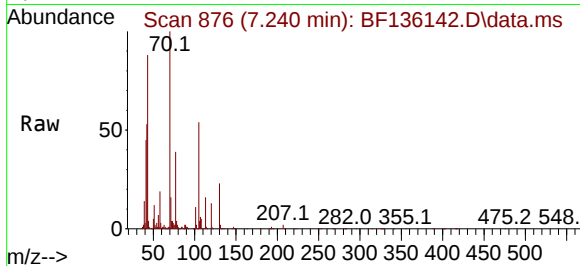
#19
n-Nitroso-di-n-propylamine
Concen: 41.723 ng
RT: 7.240 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :
BNA_F
ClientSampleId :
PB156895BSD

Tgt Ion: 70 Resp: 200234
Ion Ratio Lower Upper
70 100
42 52.6 43.0 64.4
101 10.8 8.0 12.0
130 23.0 19.7 29.5

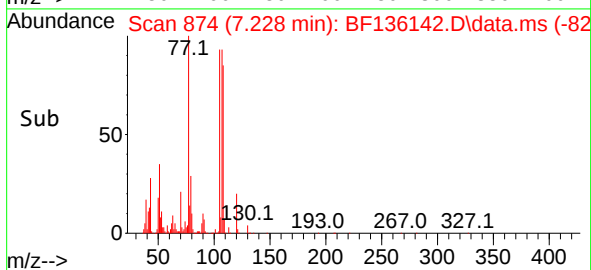
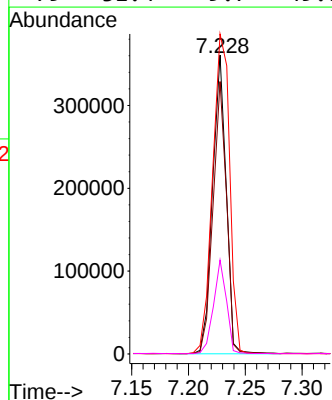
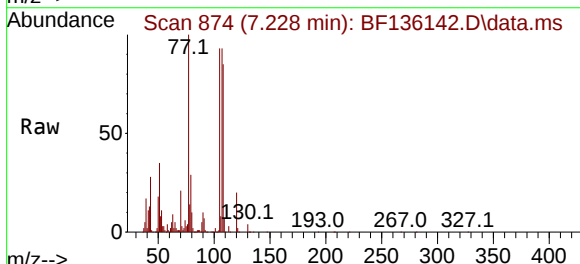
Manual Integrations
APPROVED

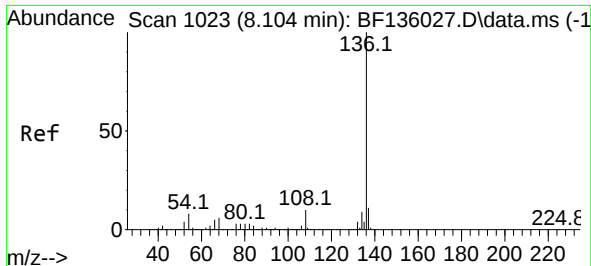
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#20
3+4-Methylphenols
Concen: 40.175 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Tgt Ion:107 Resp: 299526
Ion Ratio Lower Upper
107 100
108 91.1 72.3 112.3
77 107.0 91.4 131.4
79 31.4 9.7 49.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

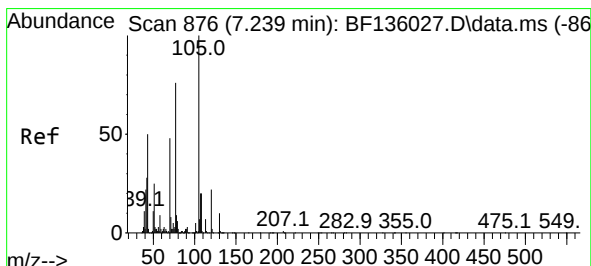
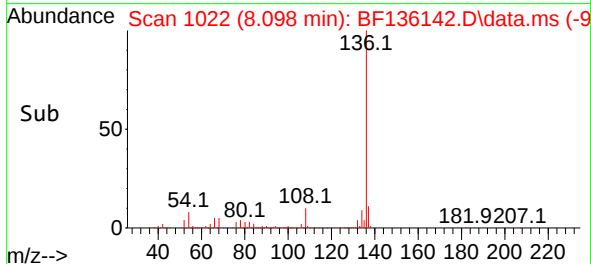
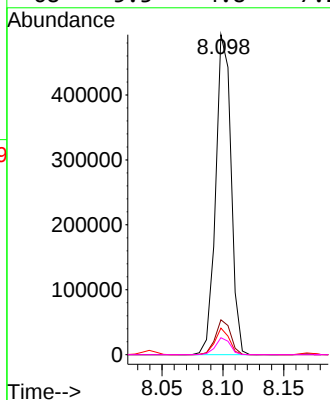
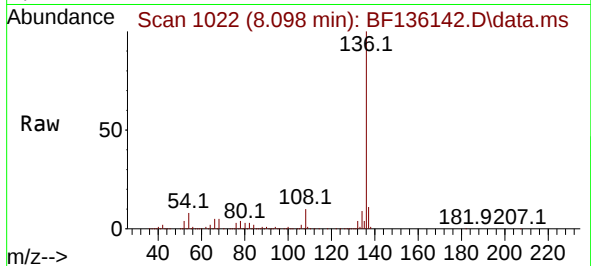
ClientSampleId :

PB156895BSD

Tgt Ion:136 Resp: 434384
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 6.6 9.8
68 5.3 4.8 7.2

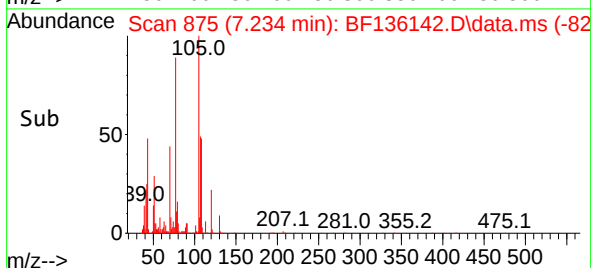
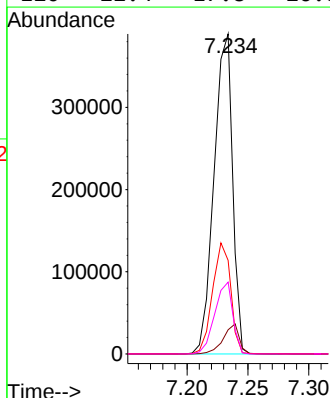
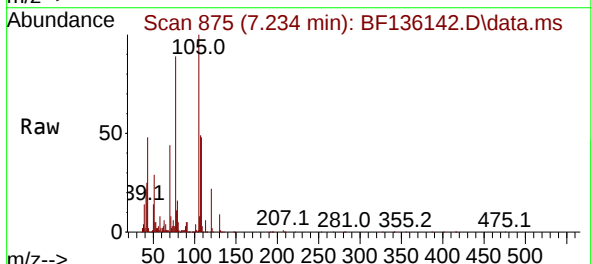
Manual Integrations
APPROVED

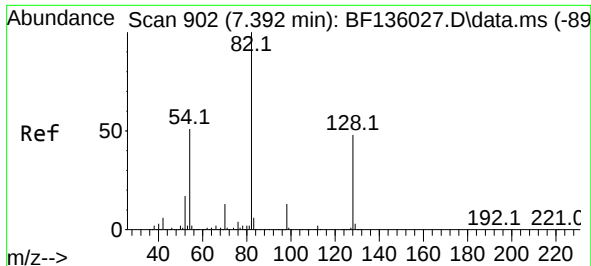
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#22
Acetophenone
Concen: 42.863 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Tgt Ion:105 Resp: 412867
Ion Ratio Lower Upper
105 100
71 7.5 6.5 9.7
51 29.2 20.3 30.5
120 22.4 17.8 26.8





#23

Nitrobenzene-d5

Concen: 82.908 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF136142.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB156895BSD

Tgt Ion: 82 Resp: 597410

Ion Ratio Lower Upper

82 100

128 46.6 38.6 57.8

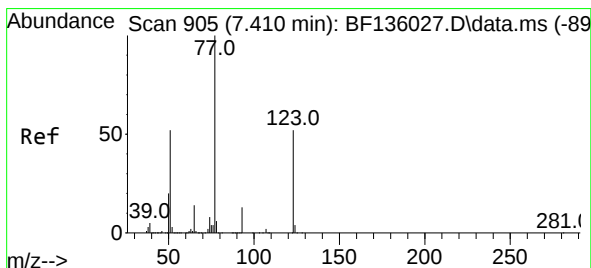
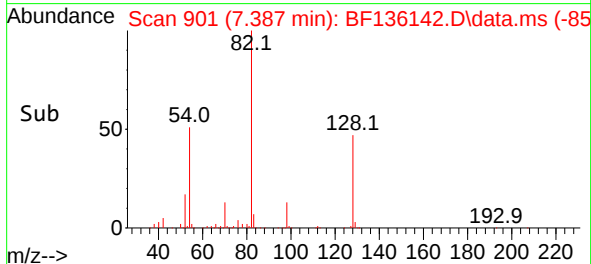
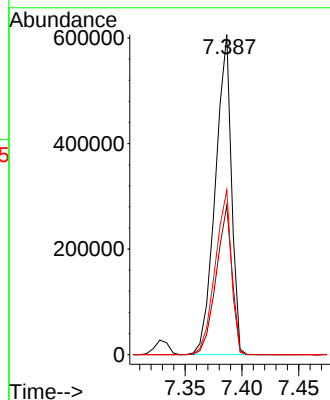
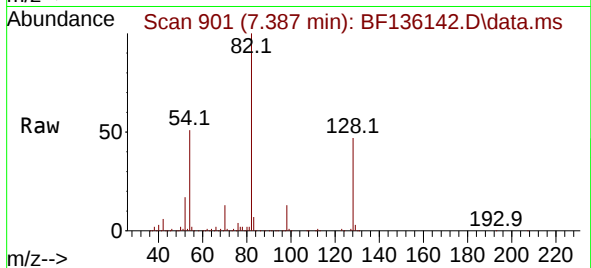
54 51.4 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#24

Nitrobenzene

Concen: 42.698 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF136142.D

Acq: 04 Nov 2023 12:04

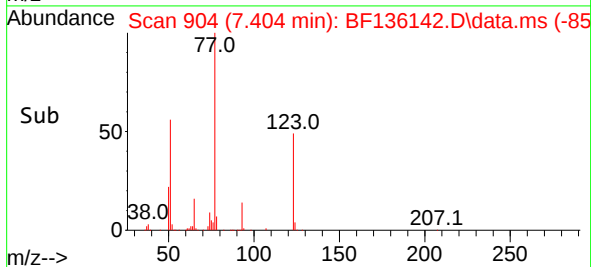
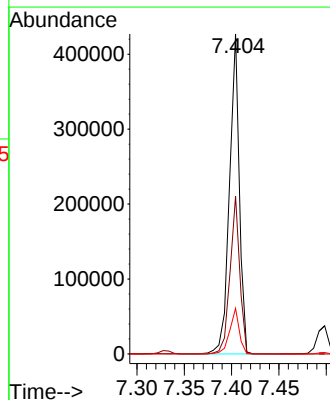
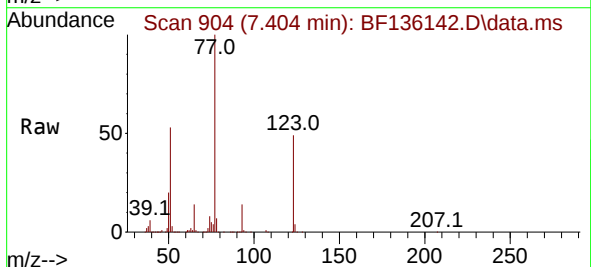
Tgt Ion: 77 Resp: 311218

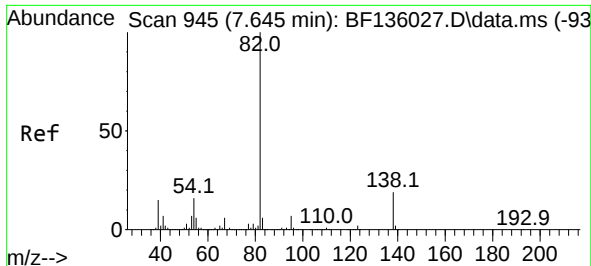
Ion Ratio Lower Upper

77 100

123 49.3 42.3 63.5

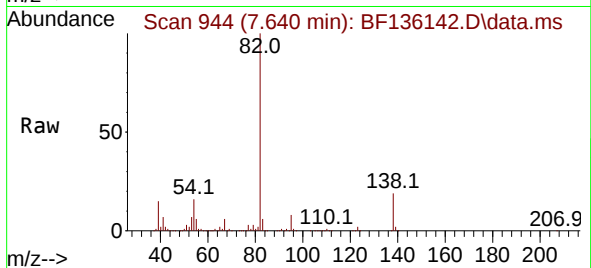
65 14.3 11.0 16.6





#25
Isophorone
Concen: 41.795 ng
RT: 7.640 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

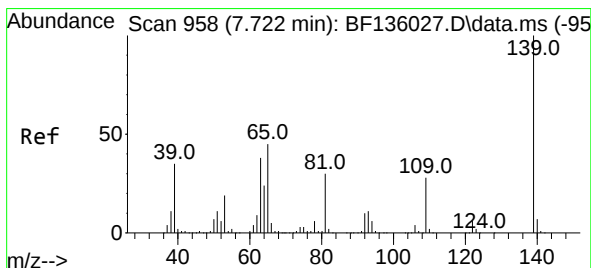
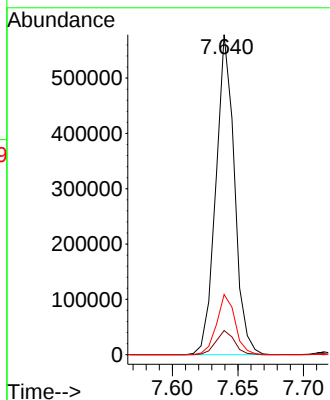
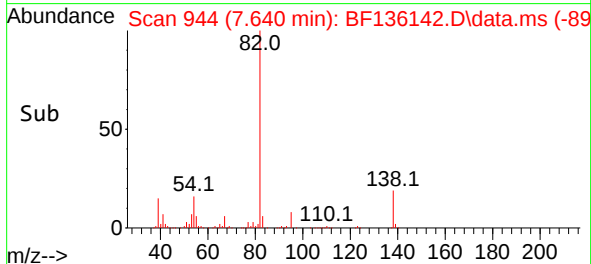
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



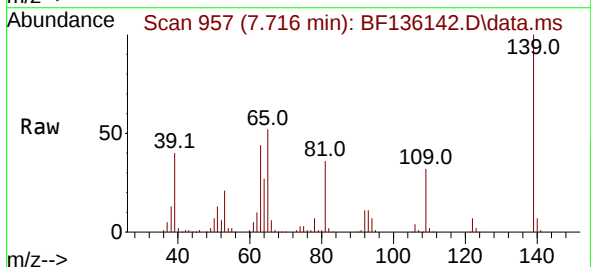
Tgt Ion: 82 Resp: 56857
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.8 15.3 22.9

Manual Integrations
APPROVED

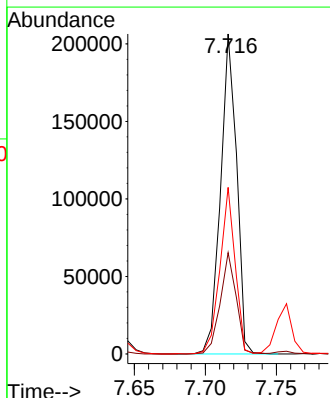
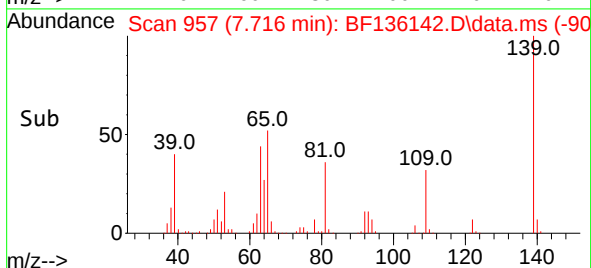
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

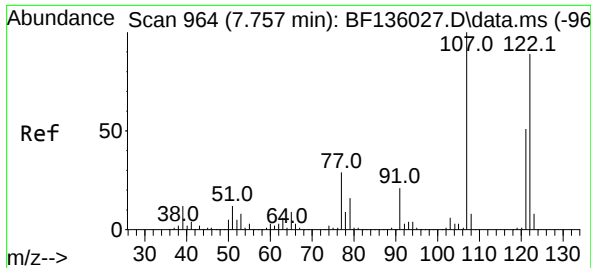


#26
2-Nitrophenol
Concen: 48.608 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



Tgt Ion:139 Resp: 161646
Ion Ratio Lower Upper
139 100
109 31.7 22.6 34.0
65 52.0 36.3 54.5





#27
2,4-Dimethylphenol
Concen: 40.501 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

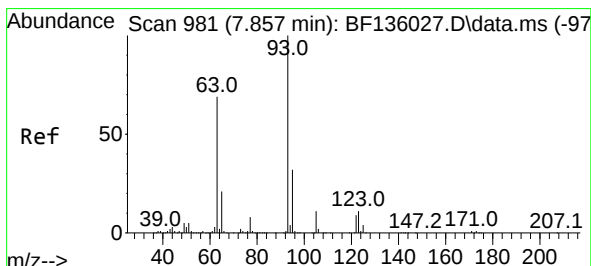
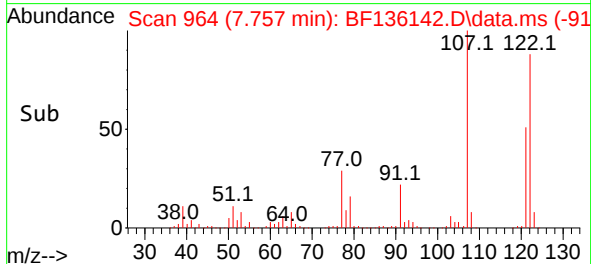
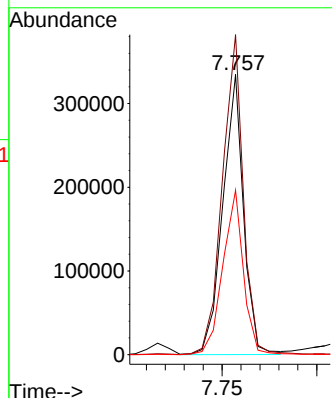
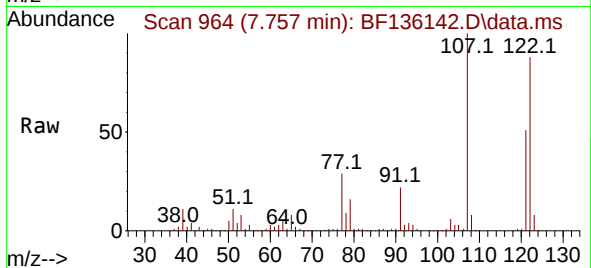
PB156895BSD

Tgt Ion:122 Resp: 25451
Ion Ratio Lower Upper
122 100
107 114.2 89.6 134.4
121 58.7 46.0 69.0

Manual Integrations

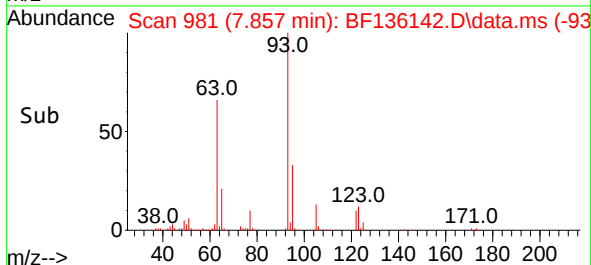
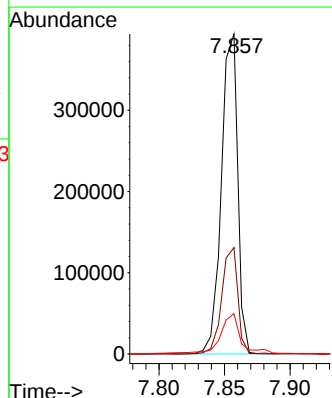
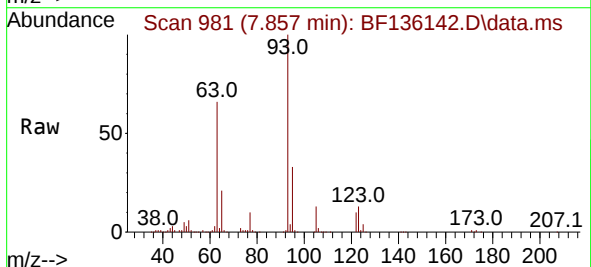
APPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.895 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Tgt Ion: 93 Resp: 340868
Ion Ratio Lower Upper
93 100
95 33.3 25.7 38.5
123 12.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.647 ng

RT: 7.957 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF136142.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

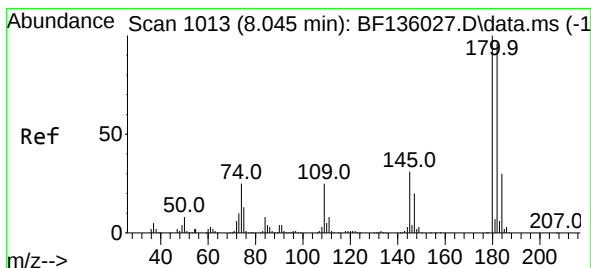
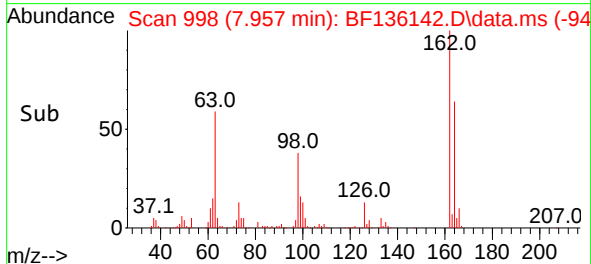
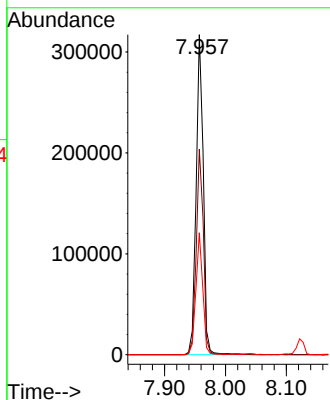
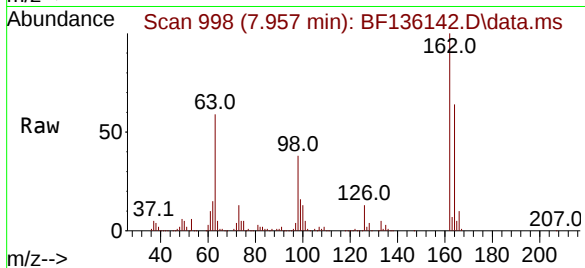
PB156895BSD

Tgt Ion:162 Resp: 258570
 Ion Ratio Lower Upper
 162 100
 164 64.2 45.5 85.5
 98 38.1 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.654 ng

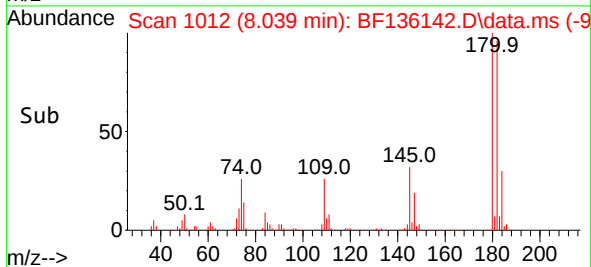
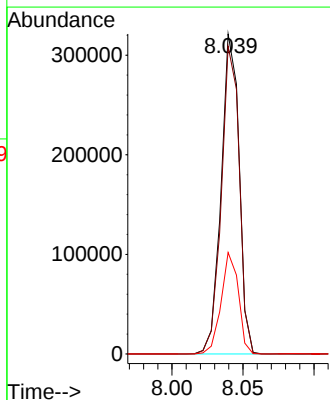
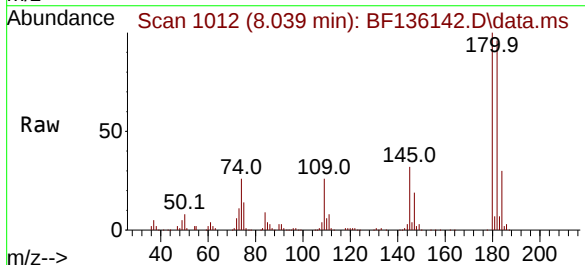
RT: 8.039 min Scan# 1012

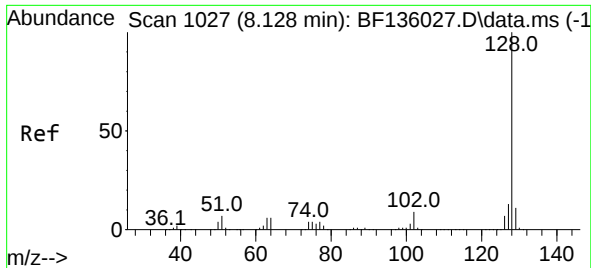
Delta R.T. 0.000 min

Lab File: BF136142.D

Acq: 04 Nov 2023 12:04

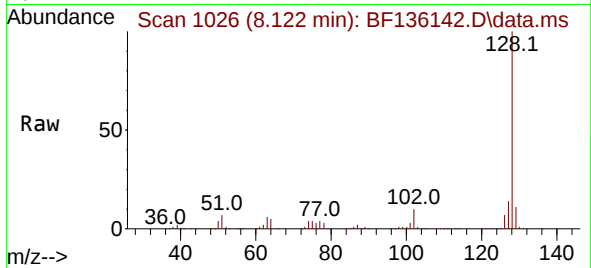
Tgt Ion:180 Resp: 282124
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.9 115.3
 145 31.7 24.7 37.1





#31
Naphthalene
Concen: 41.988 ng
RT: 8.122 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

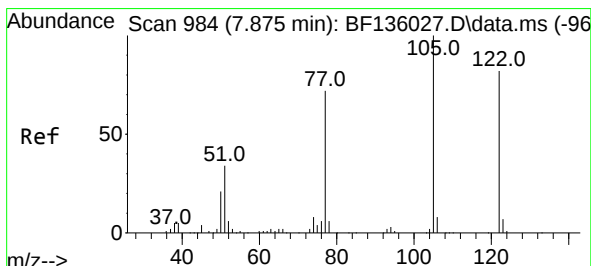
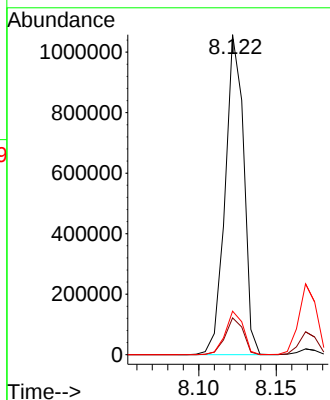
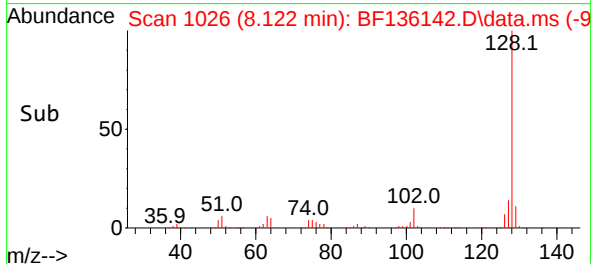
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



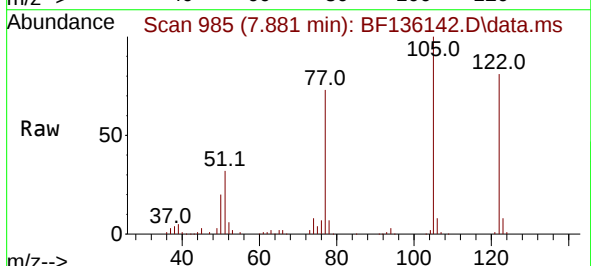
Tgt Ion:128 Resp: 879518
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.6 10.5 15.7

Manual Integrations
APPROVED

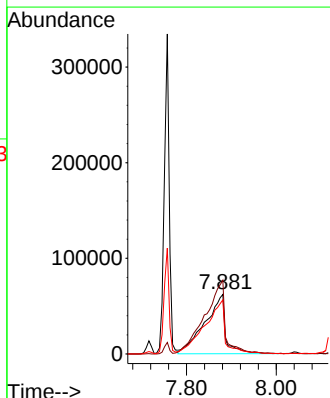
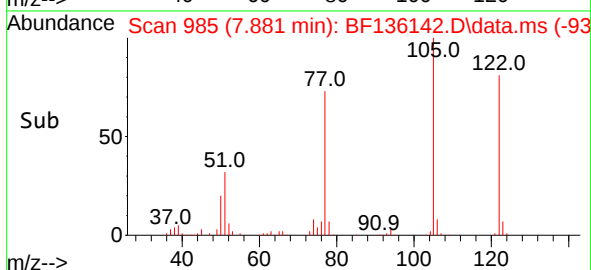
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#32
Benzoic acid
Concen: 40.842 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



Tgt Ion:122 Resp: 201309
Ion Ratio Lower Upper
122 100
105 124.0 99.5 139.5
77 90.7 66.8 106.8





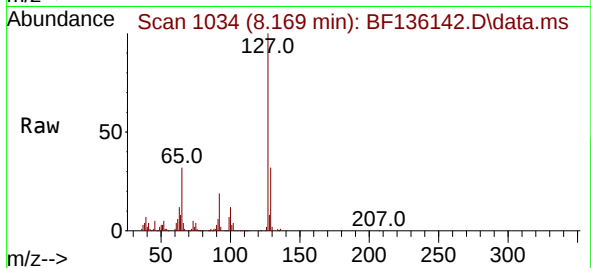
#33
4-Chloroaniline
Concen: 20.957 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB156895BSD

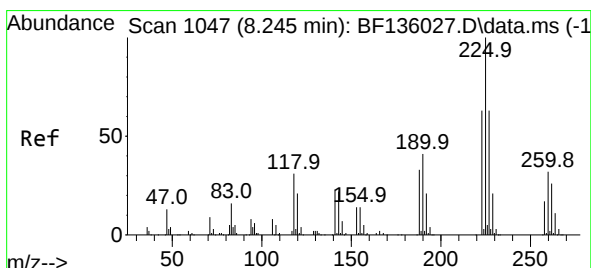
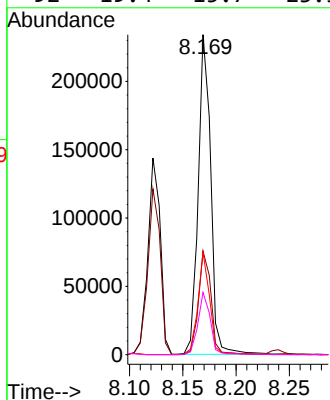
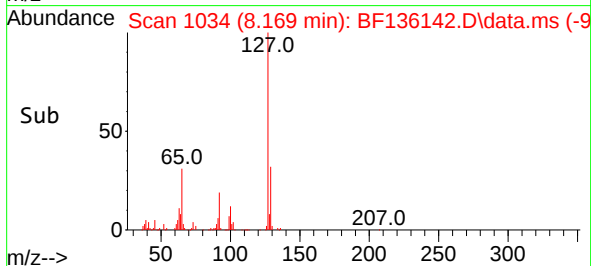


Tgt Ion:127 Resp: 19224
Ion Ratio Lower Upper
127 100
129 32.4 25.9 38.9
65 32.0 24.6 37.0
92 19.4 15.7 23.5

Manual Integrations

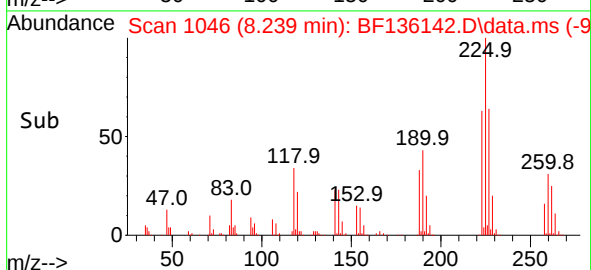
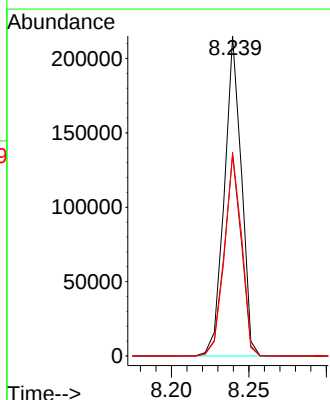
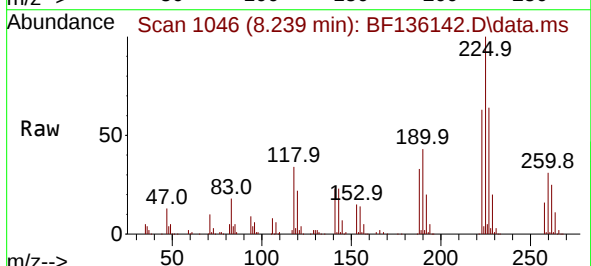
APPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#34
Hexachlorobutadiene
Concen: 44.282 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

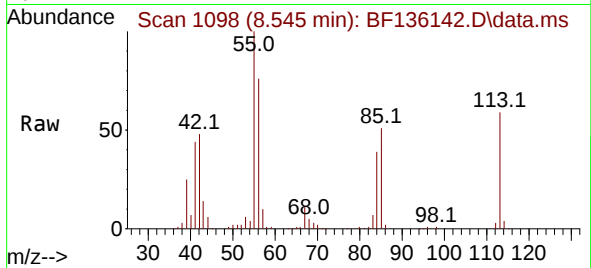
Tgt Ion:225 Resp: 164120
Ion Ratio Lower Upper
225 100
223 62.9 50.3 75.5
227 63.6 50.6 75.8





#35
Caprolactam
Concen: 44.025 ng m
RT: 8.545 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

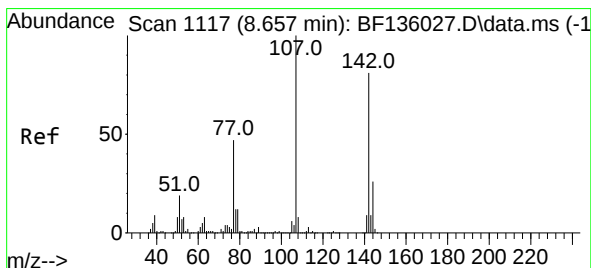
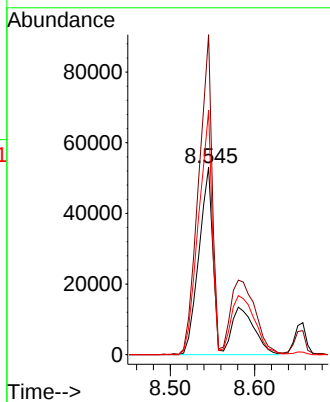
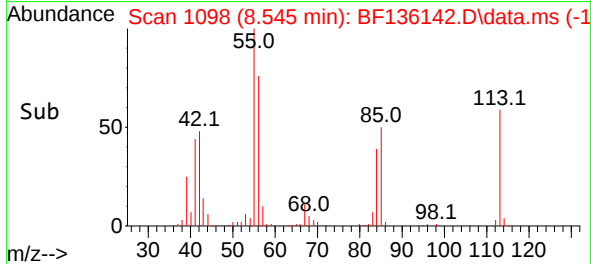
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



Tgt Ion:113 Resp: 84800
Ion Ratio Lower Upper
113 100
55 170.9 142.2 182.2
56 130.4 97.7 137.7

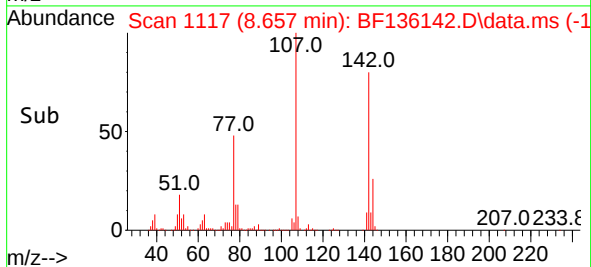
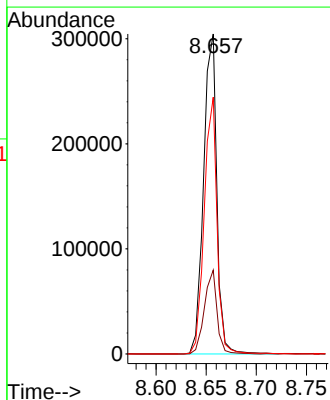
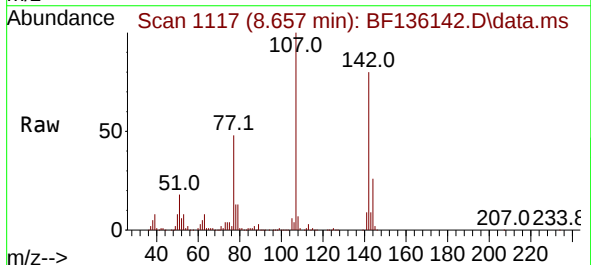
Manual Integrations
APPROVED

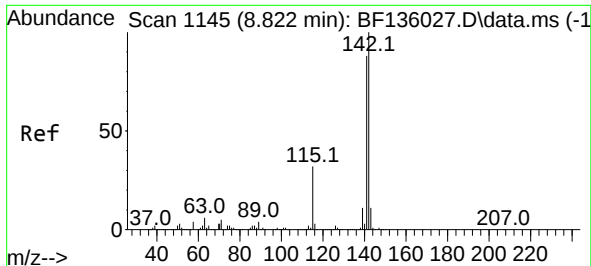
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#36
4-Chloro-3-methylphenol
Concen: 45.152 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Tgt Ion:107 Resp: 280825
Ion Ratio Lower Upper
107 100
144 26.2 20.6 31.0
142 80.3 64.6 97.0





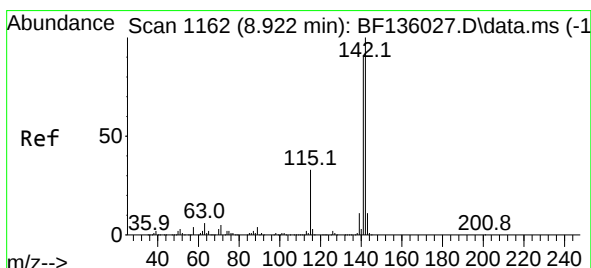
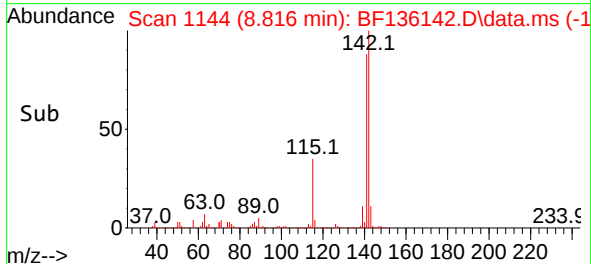
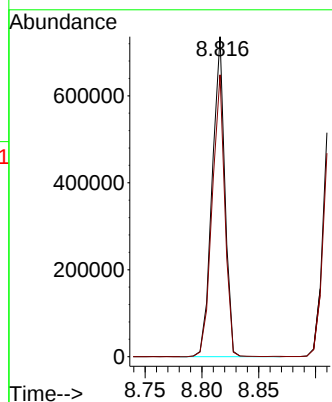
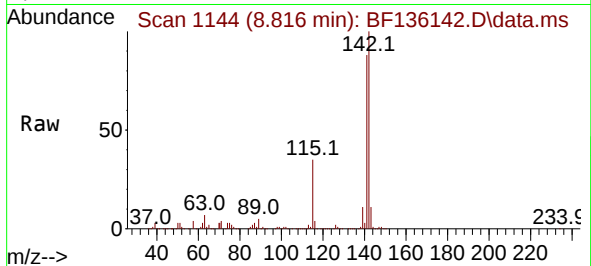
#37
2-Methylnaphthalene
Concen: 40.577 ng
RT: 8.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :
BNA_F
ClientSampleId :
PB156895BSD

Tgt Ion:142 Resp: 56991
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6

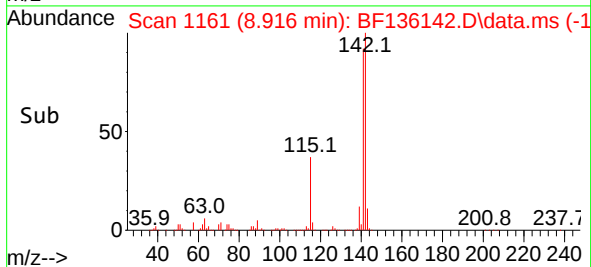
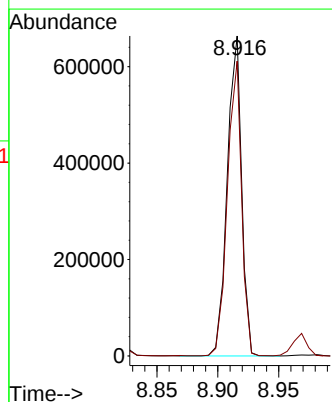
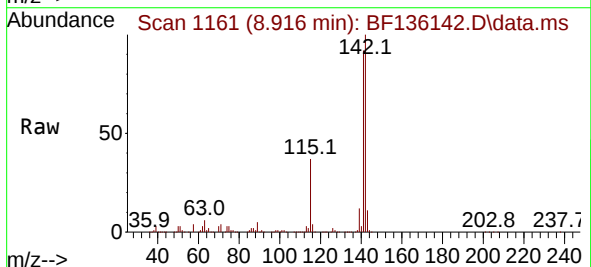
Manual Integrations
APPROVED

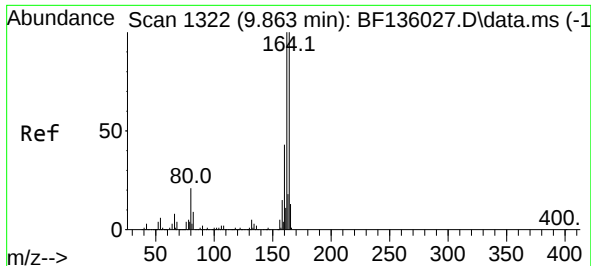
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#38
1-Methylnaphthalene
Concen: 41.682 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Tgt Ion:142 Resp: 544814
Ion Ratio Lower Upper
142 100
141 92.1 72.6 109.0





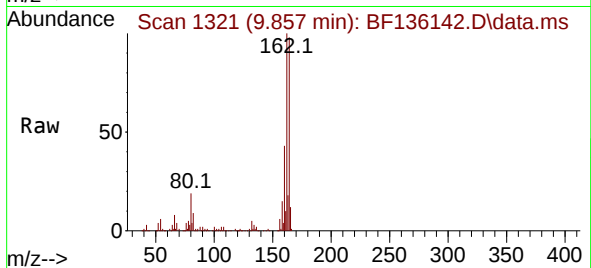
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB156895BSD

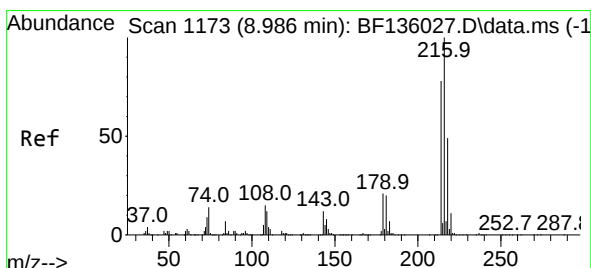
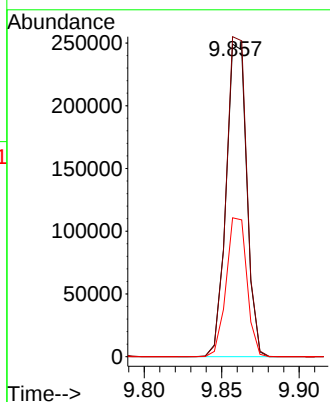
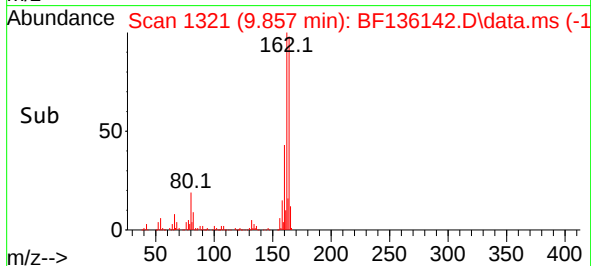


Tgt Ion:164 Resp: 230440
Ion Ratio Lower Upper
164 100
162 102.4 80.1 120.1
160 44.5 34.8 52.2

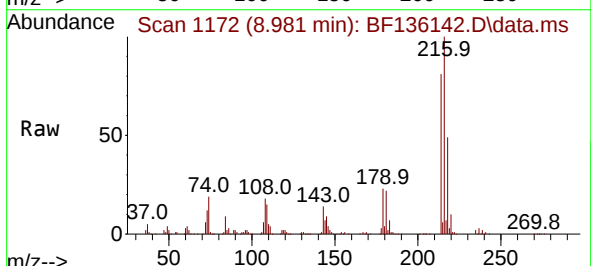
Manual Integrations

APPROVED

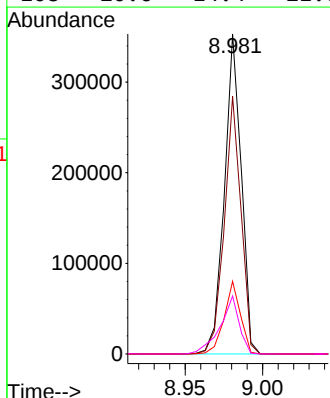
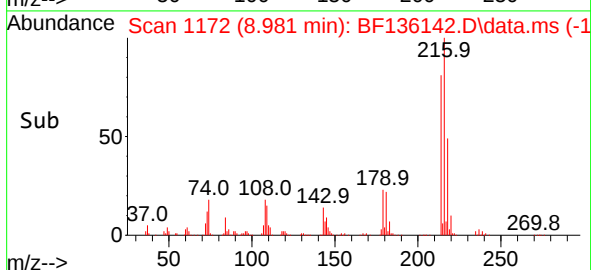
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.613 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



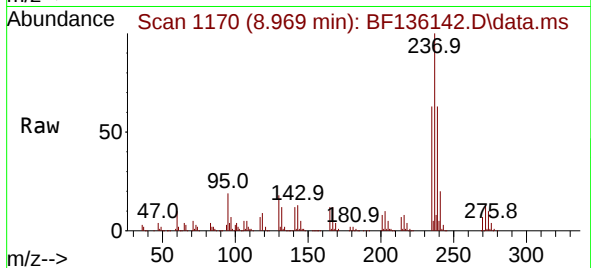
Tgt Ion:216 Resp: 266915
Ion Ratio Lower Upper
216 100
214 79.8 63.8 95.6
179 21.9 17.5 26.3
108 20.6 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 84.651 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

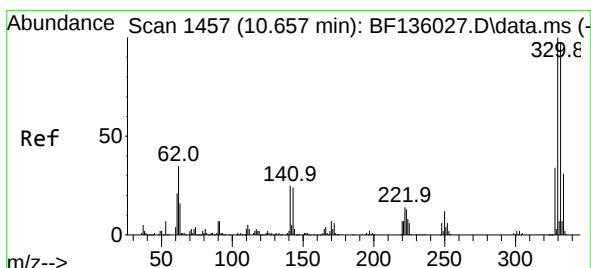
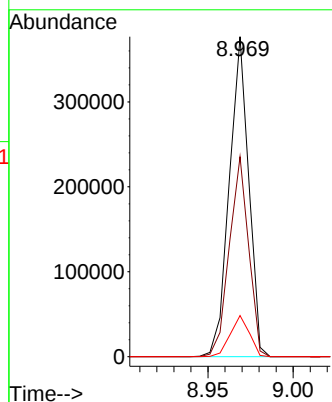
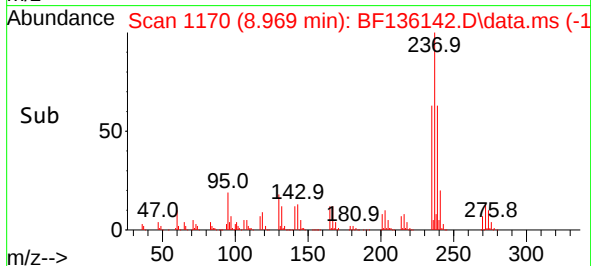
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



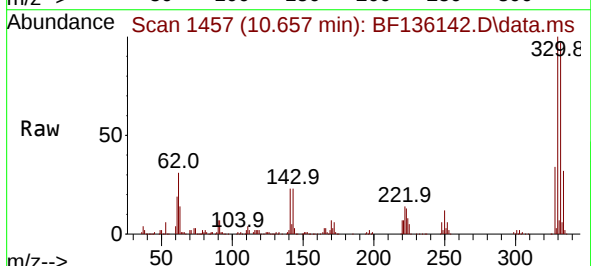
Tgt Ion:237 Resp: 29722
Ion Ratio Lower Upper
237 100
235 62.5 43.3 83.3
272 12.8 0.0 34.2

Manual Integrations
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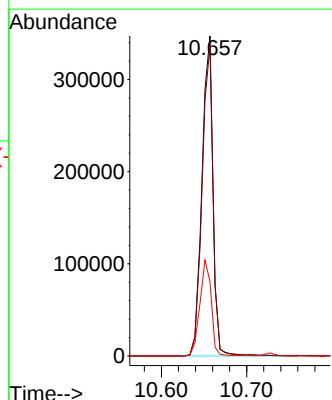
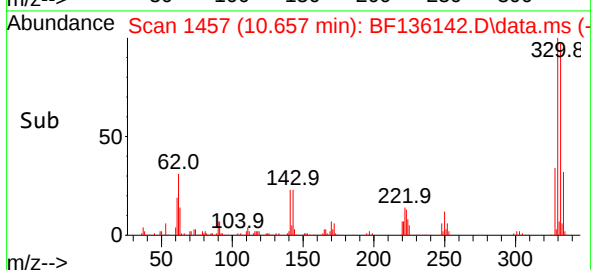
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

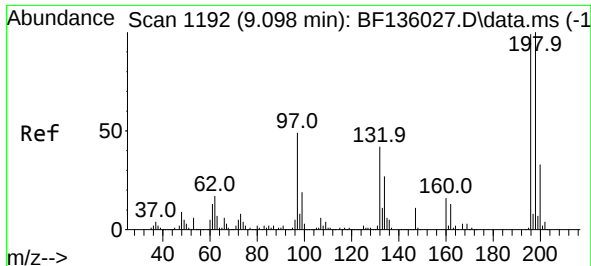


#42
2,4,6-Tribromophenol
Concen: 126.834 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



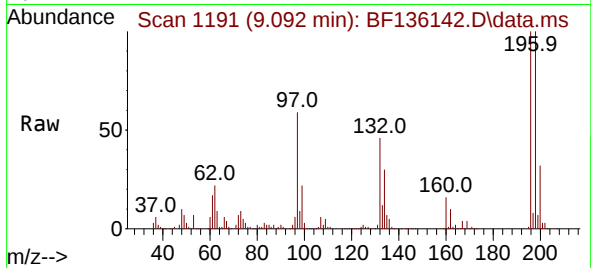
Tgt Ion:330 Resp: 311976
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 30.9 23.2 34.8





#43
2,4,6-Trichlorophenol
Concen: 42.685 ng
RT: 9.092 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

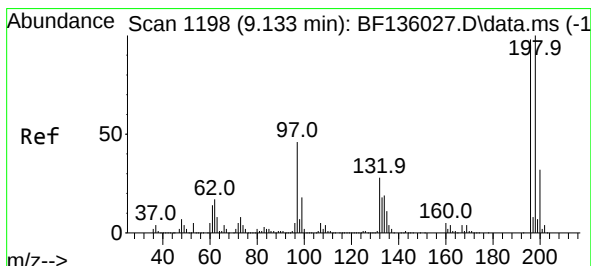
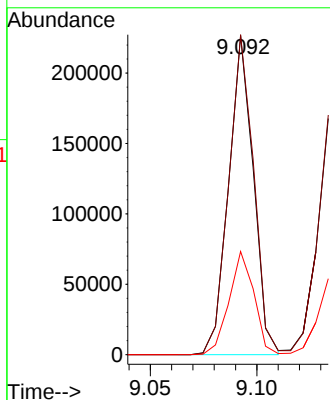
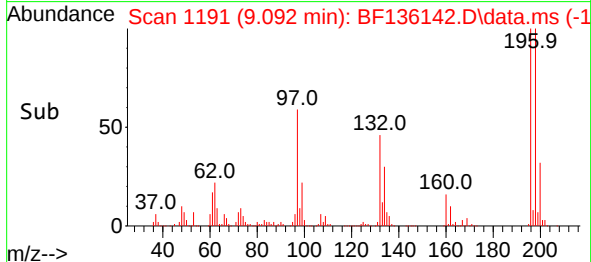
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



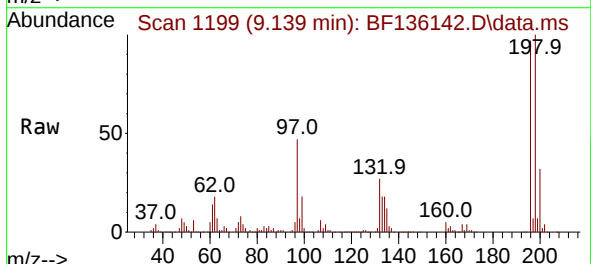
Tgt Ion:196 Resp: 182910
Ion Ratio Lower Upper
196 100
198 100.3 80.7 121.1
200 32.3 26.8 40.2

Manual Integrations
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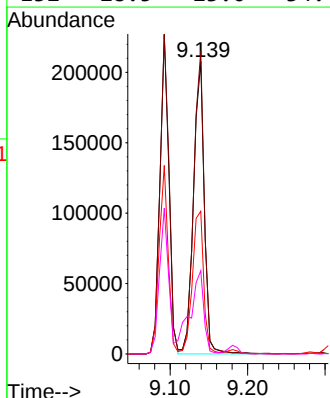
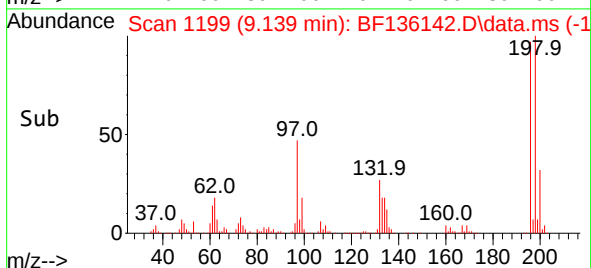
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

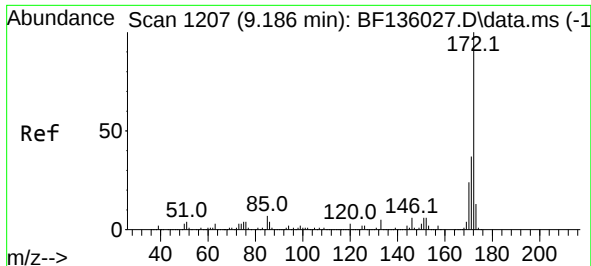


#44
2,4,5-Trichlorophenol
Concen: 40.541 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



Tgt Ion:196 Resp: 201236
Ion Ratio Lower Upper
196 100
198 103.6 81.6 122.4
97 48.8 38.2 57.2
132 28.5 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 79.243 ng
RT: 9.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

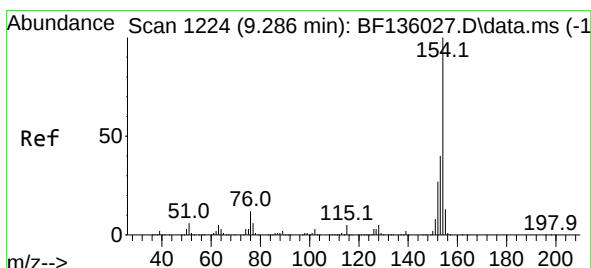
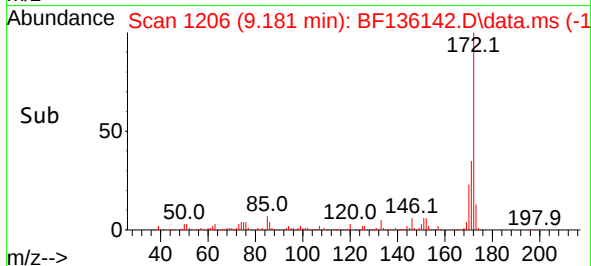
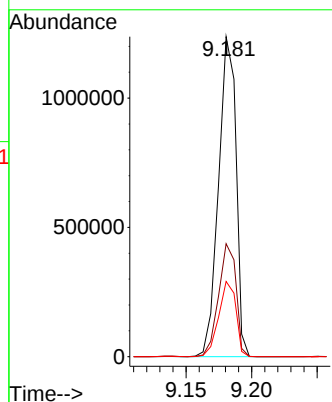
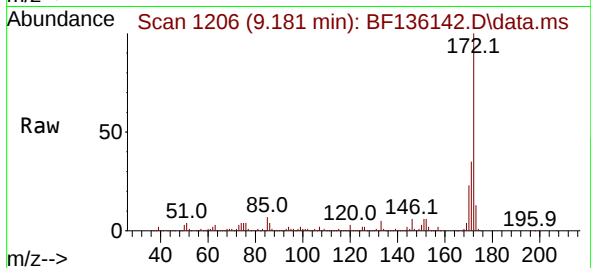
PB156895BSD

Tgt Ion:172 Resp: 1145554
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 23.5 19.3 28.9

Manual Integrations

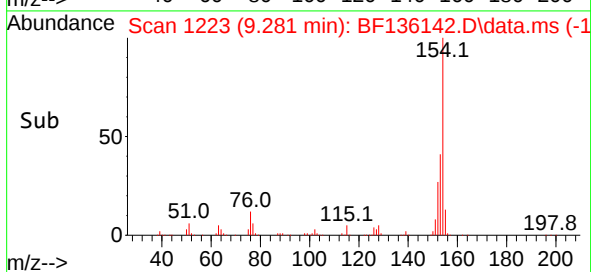
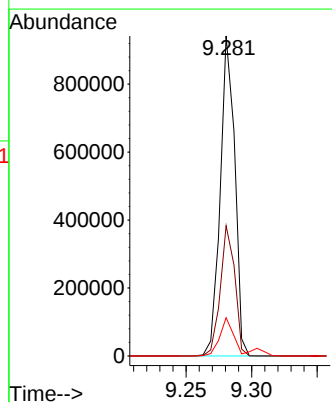
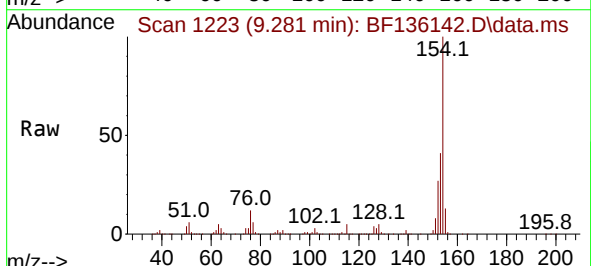
APPROVED

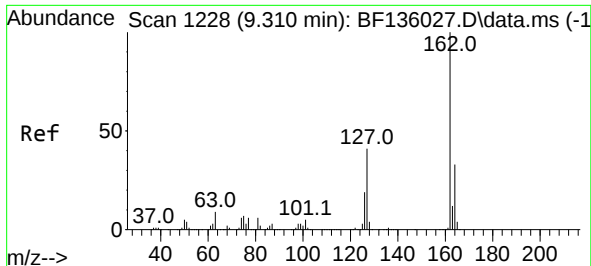
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#46
1,1'-Biphenyl
Concen: 41.158 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

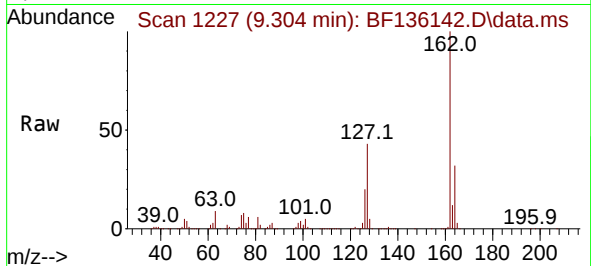
Tgt Ion:154 Resp: 723030
Ion Ratio Lower Upper
154 100
153 40.7 20.1 60.1
76 11.9 0.0 32.5





#47
2-Chloronaphthalene
Concen: 42.693 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

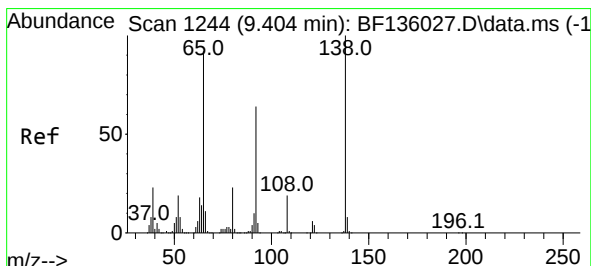
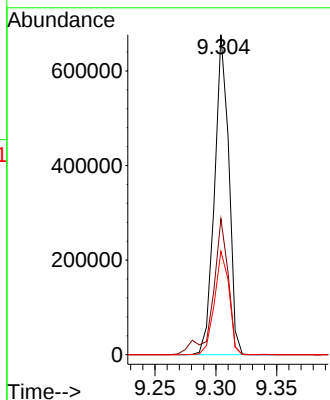
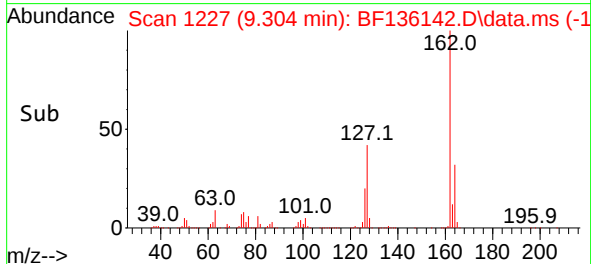
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



Tgt Ion:162 Resp: 552890
Ion Ratio Lower Upper
162 100
127 42.5 32.4 48.6
164 32.3 26.7 40.1

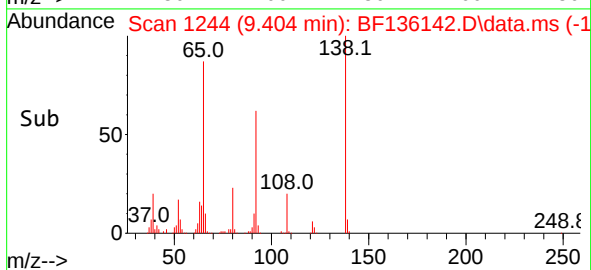
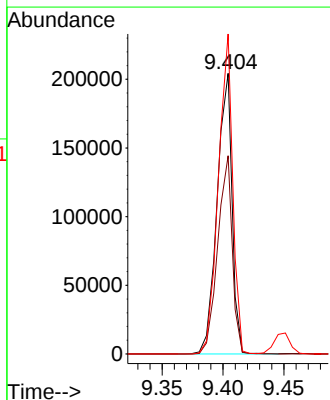
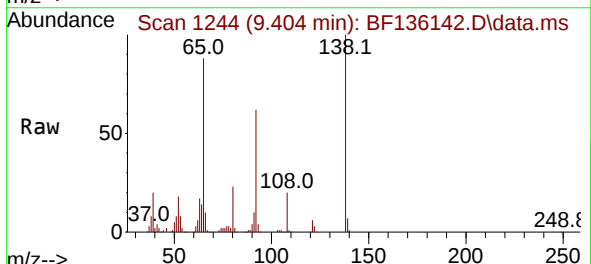
Manual Integrations
APPROVED

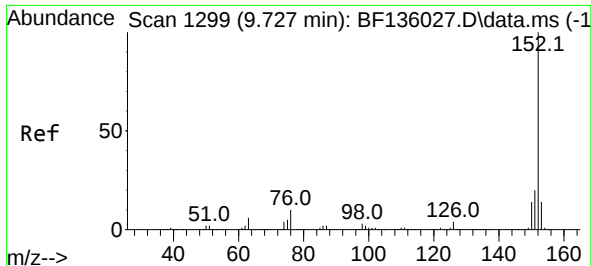
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#48
2-Nitroaniline
Concen: 45.477 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Tgt Ion: 65 Resp: 174297
Ion Ratio Lower Upper
65 100
92 70.7 55.7 83.5
138 114.0 86.8 130.2





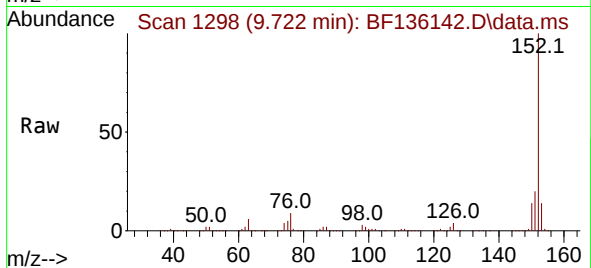
#49
Acenaphthylene
Concen: 42.970 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB156895BSD



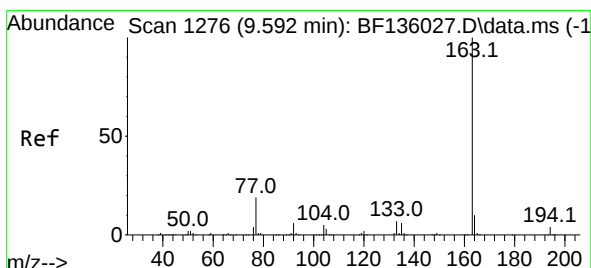
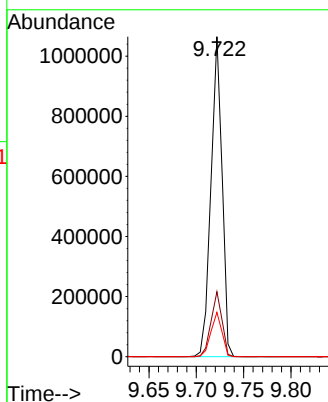
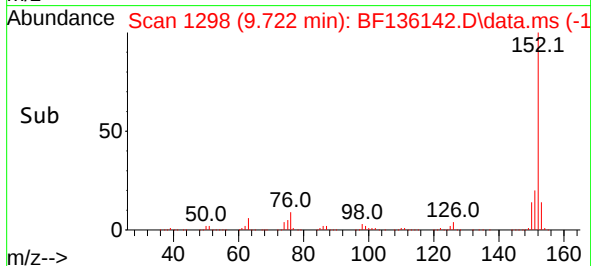
Tgt Ion:152 Resp: 86812
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.9 11.4 17.2

Manual Integrations

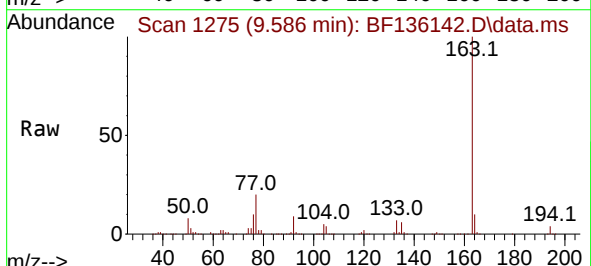
APPROVED

Reviewed By :Yogesh Patel 11/06/2023

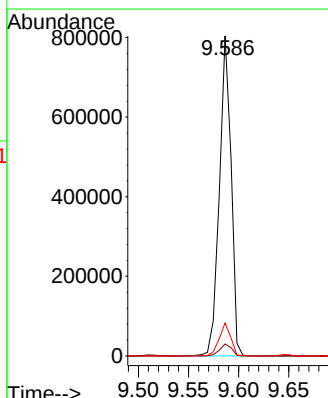
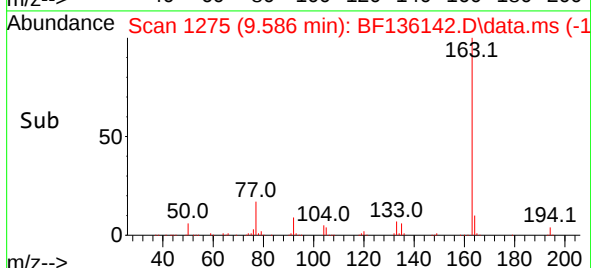
Supervised By :mohammad ahmed 11/07/2023

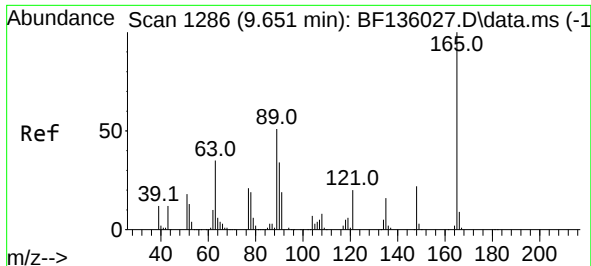


#50
Dimethylphthalate
Concen: 42.737 ng
RT: 9.586 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



Tgt Ion:163 Resp: 649626
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.3 8.1 12.1





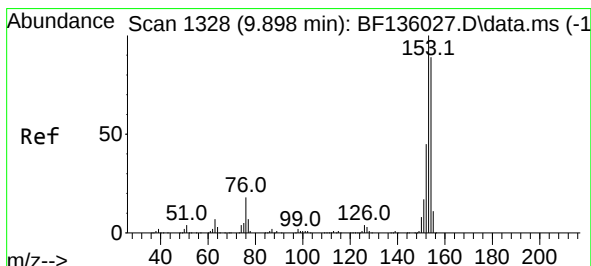
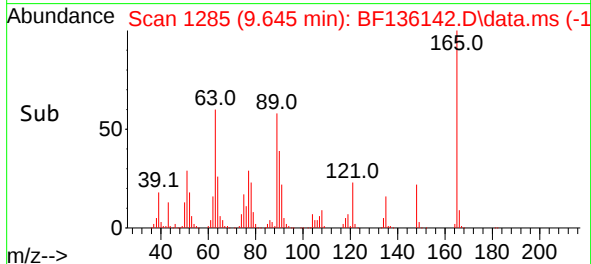
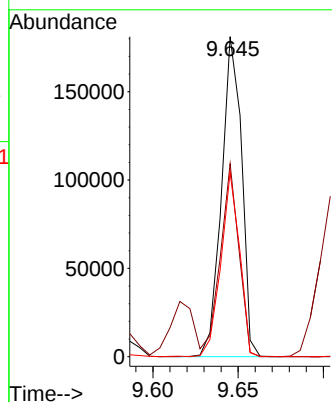
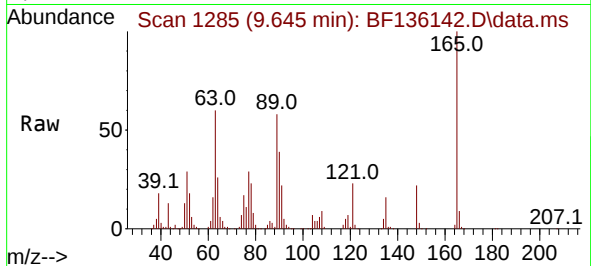
#51
2,6-Dinitrotoluene
Concen: 45.614 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :
BNA_F
ClientSampleId :
PB156895BSD

Tgt Ion:165 Resp: 148290
Ion Ratio Lower Upper
165 100
63 60.3 40.8 61.2
89 57.6 41.1 61.7

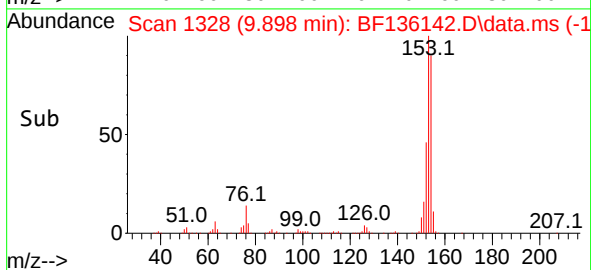
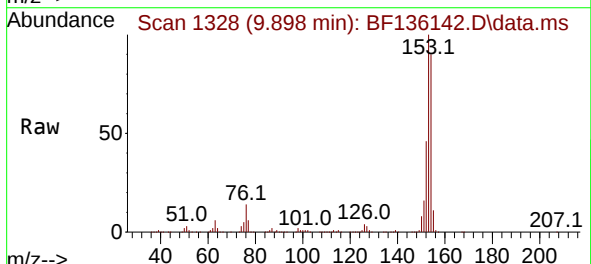
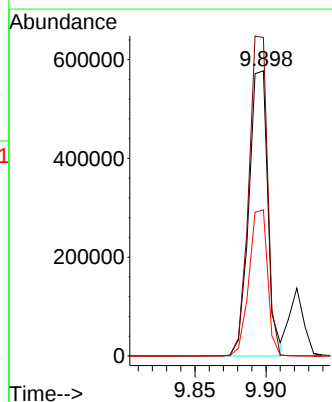
Manual Integrations
APPROVED

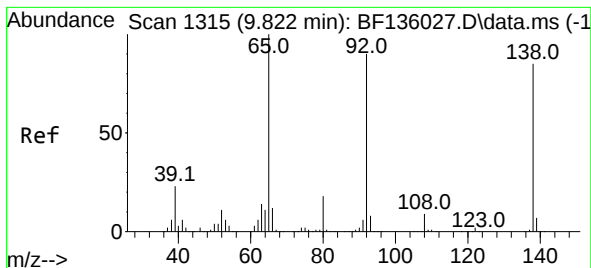
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#52
Acenaphthene
Concen: 41.747 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Tgt Ion:154 Resp: 536173
Ion Ratio Lower Upper
154 100
153 111.7 89.9 134.9
152 51.2 40.2 60.2





#53
3-Nitroaniline
Concen: 33.540 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

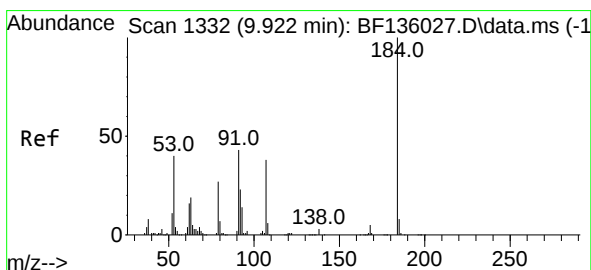
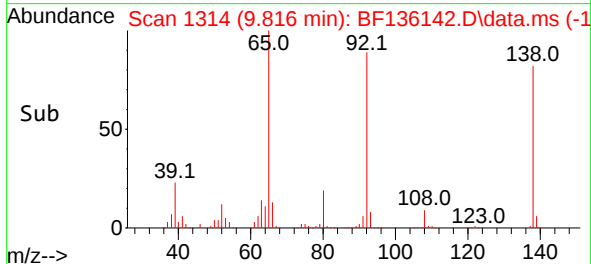
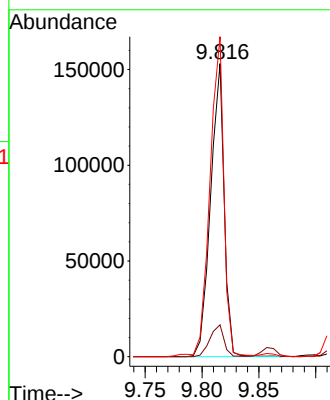
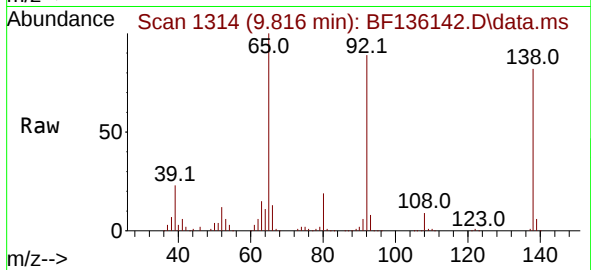
PB156895BSD

Tgt Ion:138 Resp: 127230
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 109.2 84.6 126.8

Manual Integrations

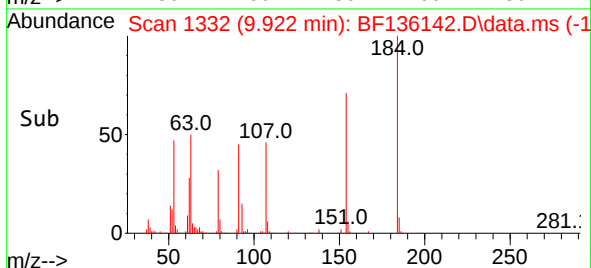
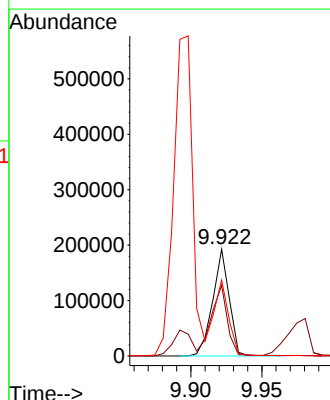
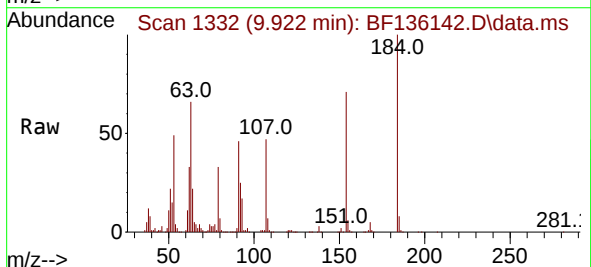
APPROVED

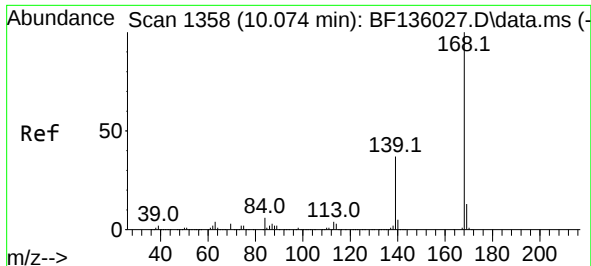
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#54
2,4-Dinitrophenol
Concen: 87.527 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

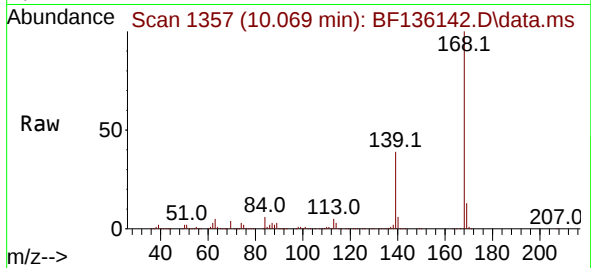
Tgt Ion:184 Resp: 155691
Ion Ratio Lower Upper
184 100
63 66.1 43.7 65.5#
154 71.3 51.2 76.8





#55
Dibenzofuran
Concen: 41.799 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

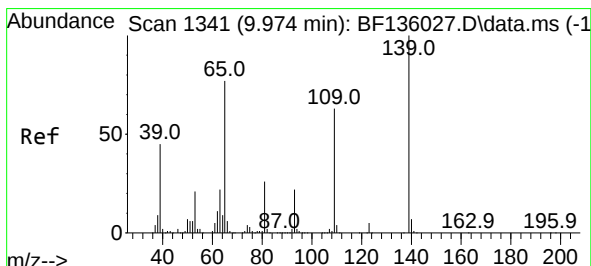
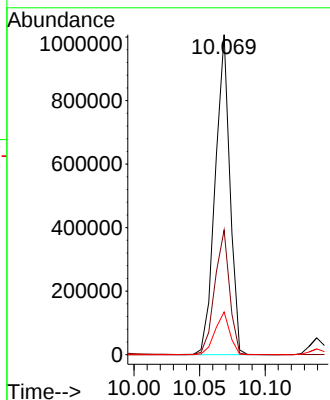
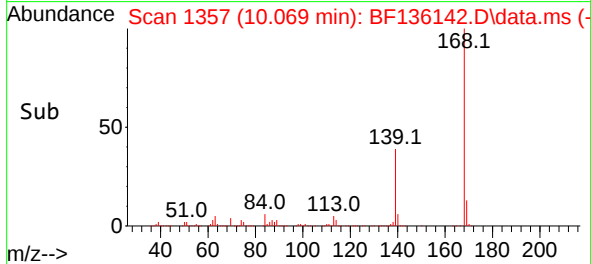
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



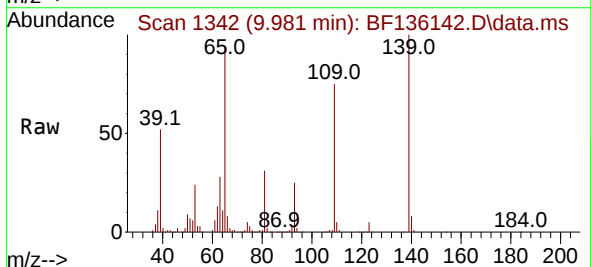
Tgt Ion:168 Resp: 78280
Ion Ratio Lower Upper
168 100
139 39.0 29.4 44.0
169 13.4 10.5 15.7

Manual Integrations
APPROVED

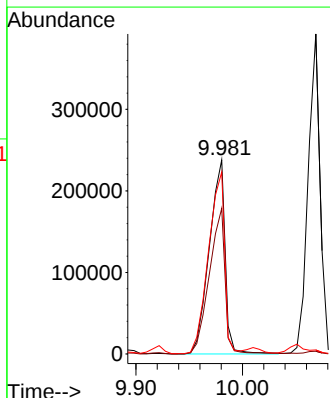
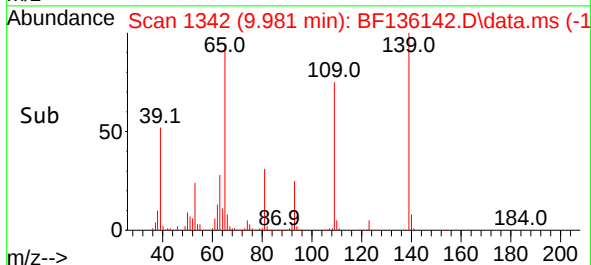
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

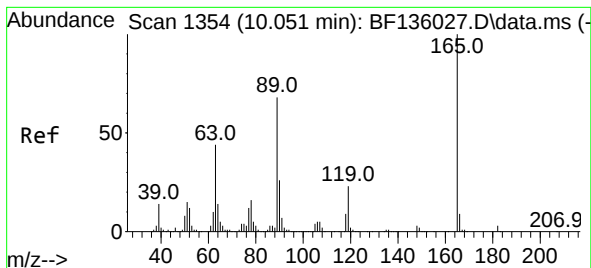


#56
4-Nitrophenol
Concen: 86.812 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



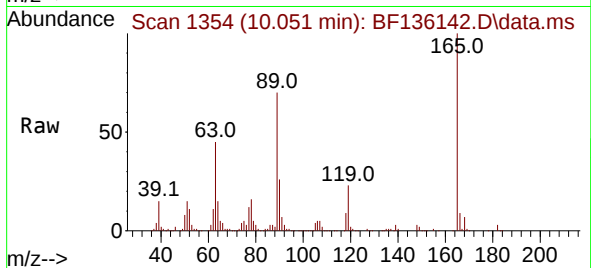
Tgt Ion:139 Resp: 246332
Ion Ratio Lower Upper
139 100
109 75.0 43.2 83.2
65 93.7 57.6 97.6





#57
2,4-Dinitrotoluene
Concen: 48.030 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

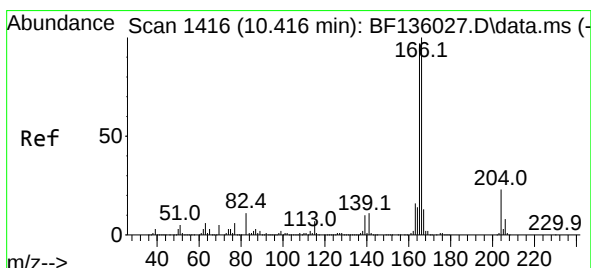
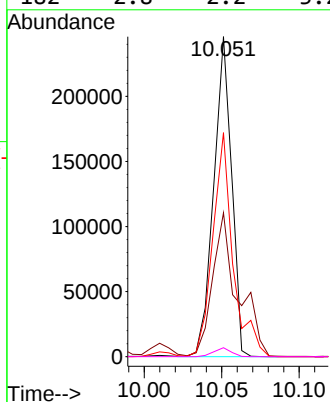
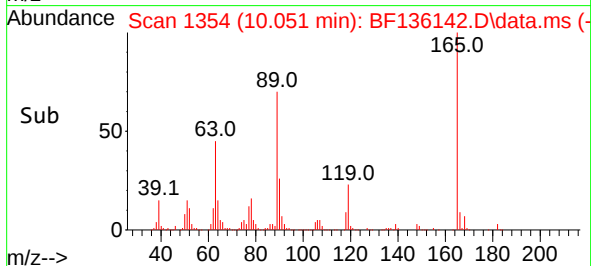
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



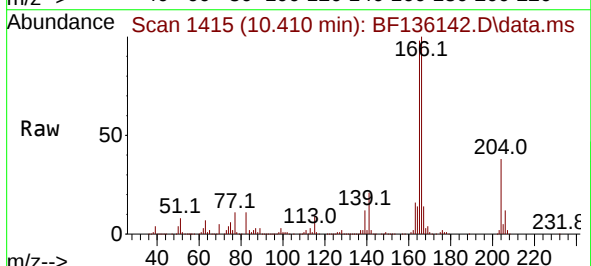
Tgt Ion:165 Resp: 19756
Ion Ratio Lower Upper
165 100
63 44.9 35.2 52.8
89 70.0 54.8 82.2
182 2.8 2.2 3.2

Manual Integrations
APPROVED

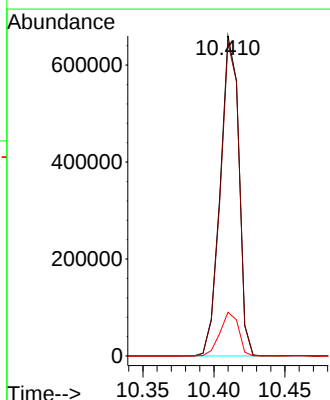
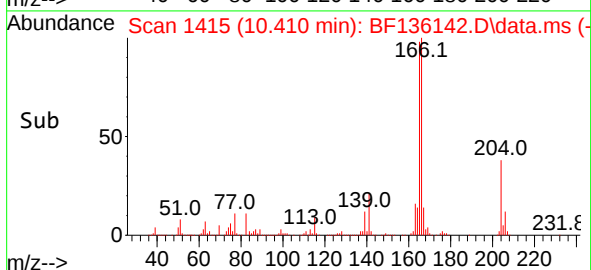
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

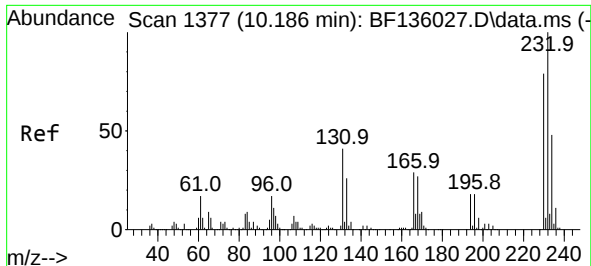


#58
Fluorene
Concen: 42.856 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



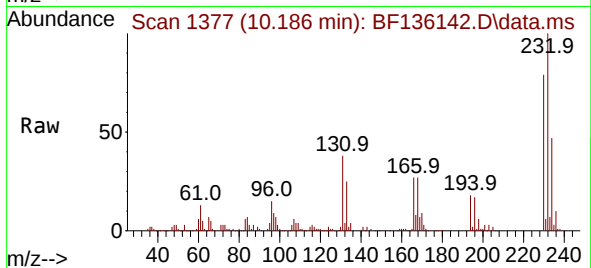
Tgt Ion:166 Resp: 600917
Ion Ratio Lower Upper
166 100
165 97.9 77.7 116.5
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.348 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

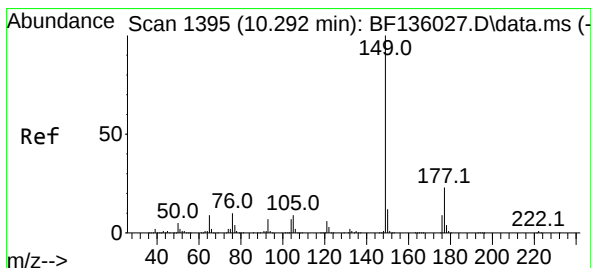
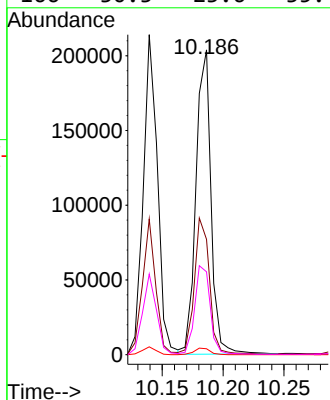
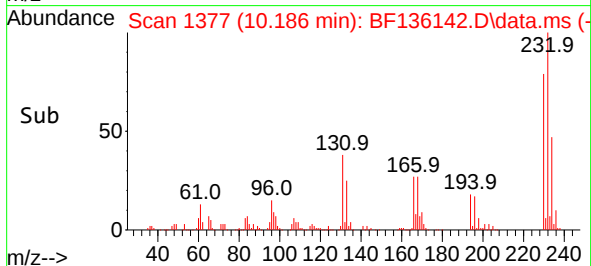
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



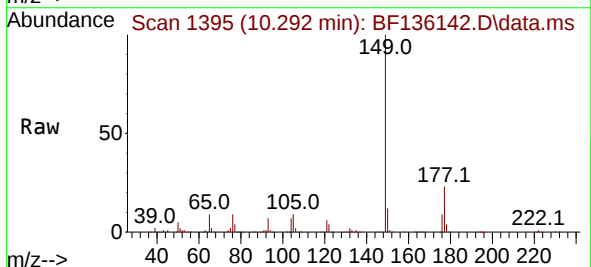
Tgt Ion:232 Resp: 175015
Ion Ratio Lower Upper
232 100
131 45.8 34.6 52.0
130 2.3 1.6 2.4
166 30.3 23.6 35.4

Manual Integrations
APPROVED

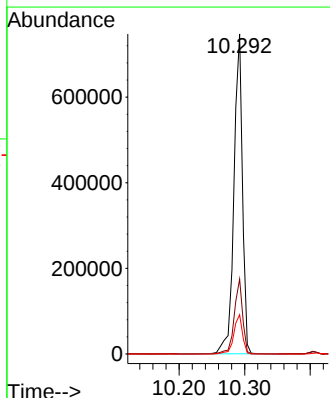
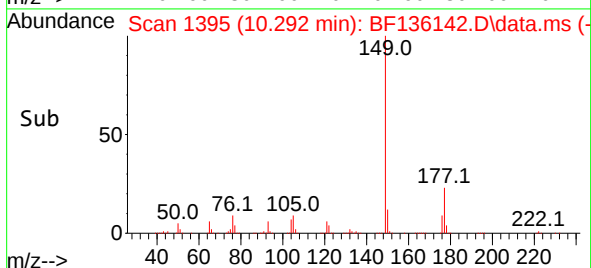
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

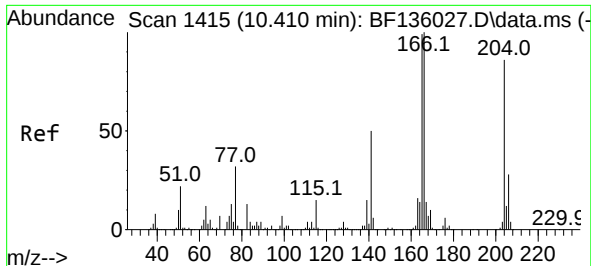


#60
Diethylphthalate
Concen: 46.636 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



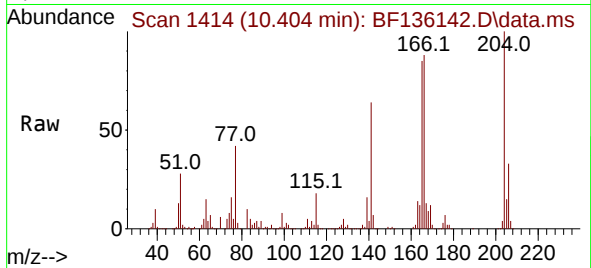
Tgt Ion:149 Resp: 677329
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.751 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

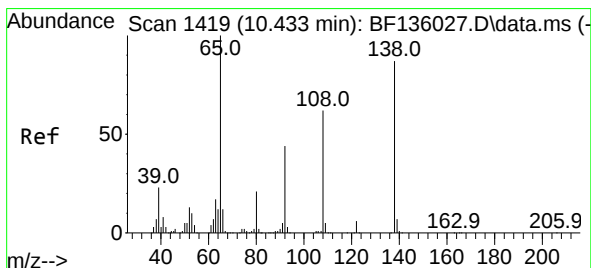
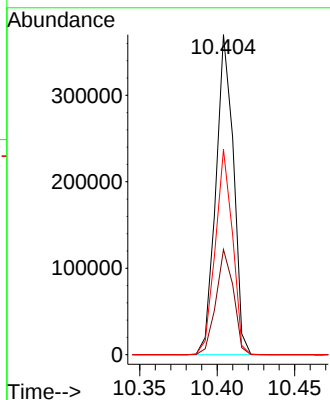
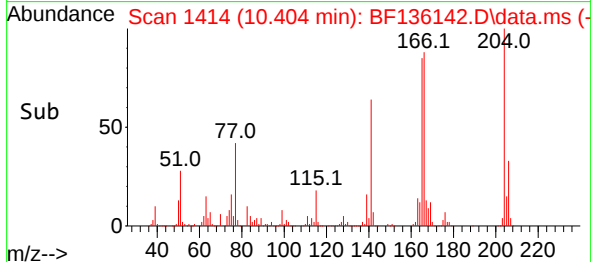
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



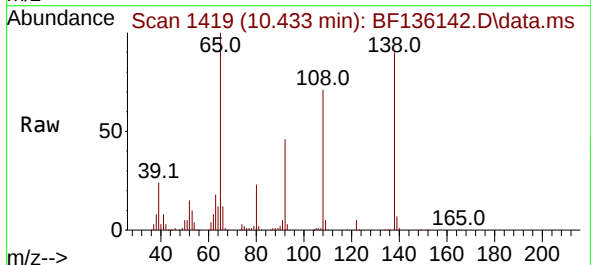
Tgt Ion:204 Resp: 292230
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 64.1 46.8 70.2

Manual Integrations
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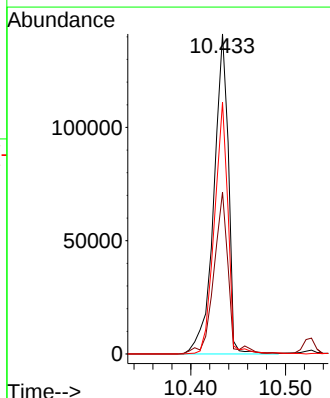
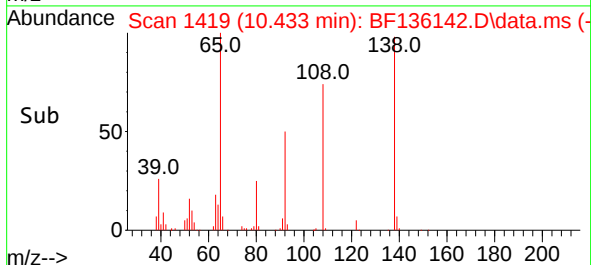
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

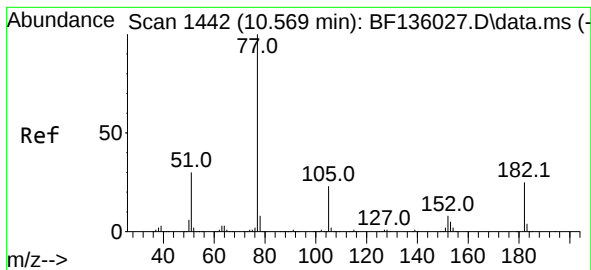


#62
4-Nitroaniline
Concen: 41.314 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



Tgt Ion:138 Resp: 150911
Ion Ratio Lower Upper
138 100
92 50.6 30.6 70.6
108 78.7 51.5 91.5





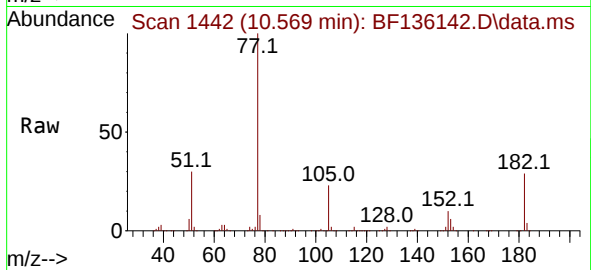
#63
Azobenzene
Concen: 41.796 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB156895BSD

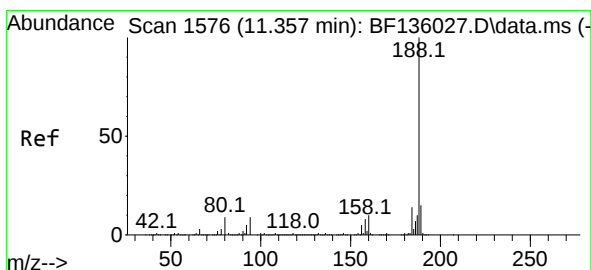
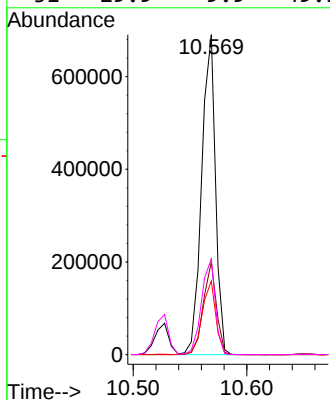
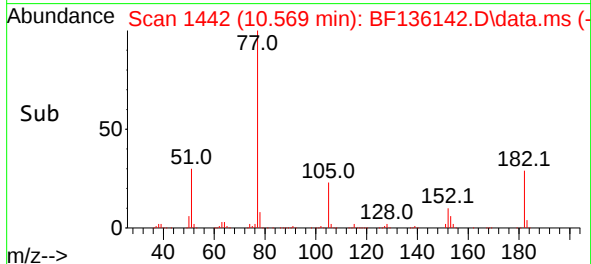


Tgt Ion: 77 Resp: 584609
Ion Ratio Lower Upper
77 100
182 29.0 5.0 45.0
105 23.1 2.6 42.6
51 29.9 9.9 49.9

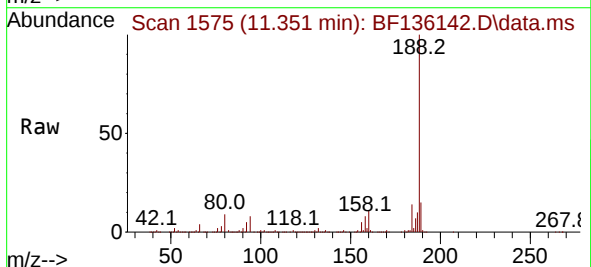
Manual Integrations

APPROVED

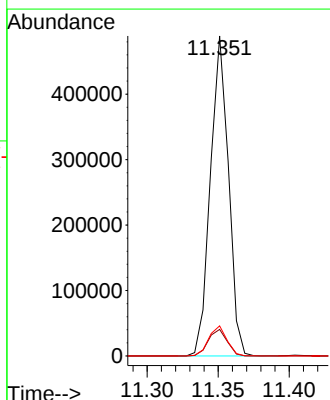
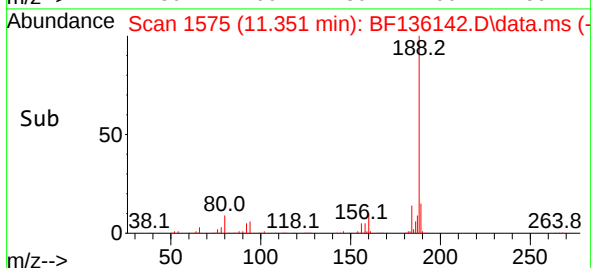
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

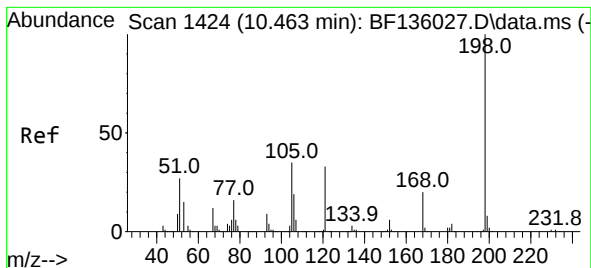


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



Tgt Ion:188 Resp: 432341
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.4 7.4 11.0





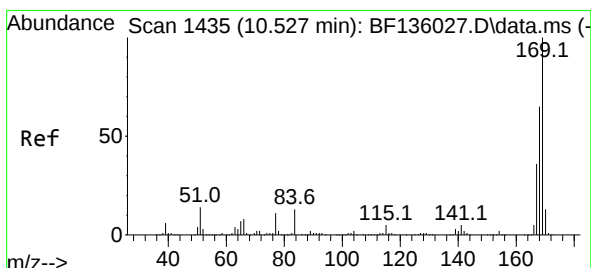
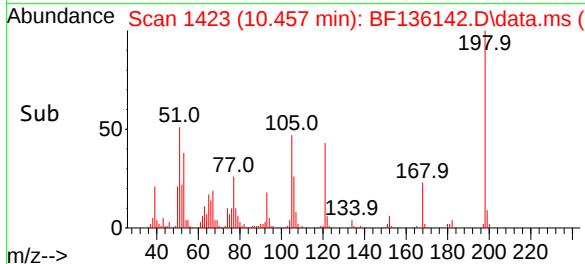
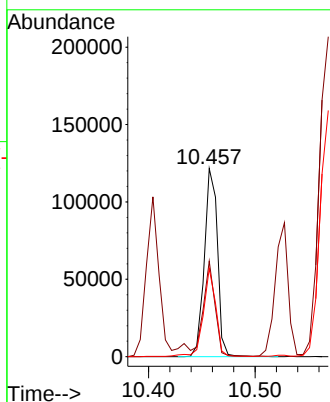
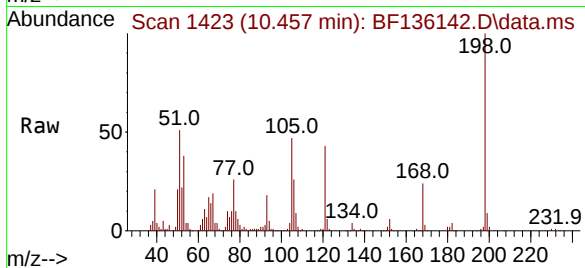
#65
4,6-Dinitro-2-methylphenol
Concen: 44.348 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :
BNA_F
ClientSampleId :
PB156895BSD

Tgt Ion:198 Resp: 104162
Ion Ratio Lower Upper
198 100
51 50.8 12.9 52.9
105 46.9 16.0 56.0

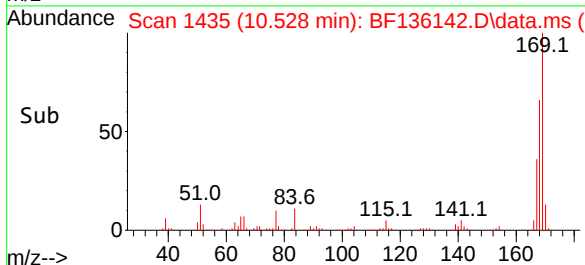
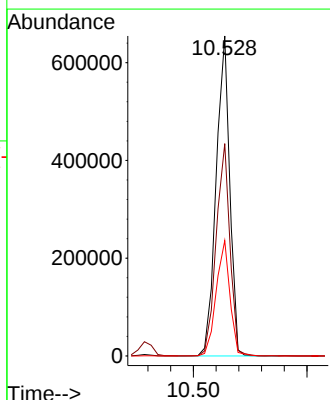
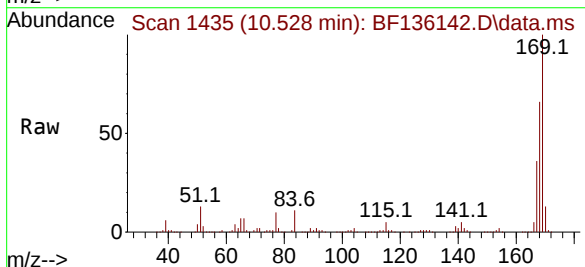
Manual Integrations
APPROVED

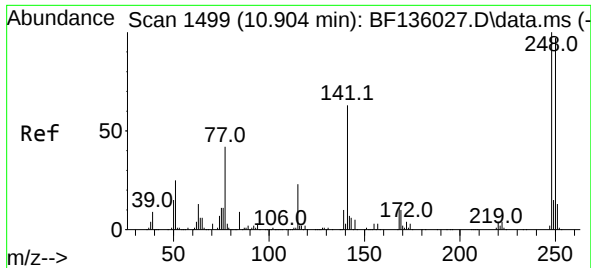
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#66
n-Nitrosodiphenylamine
Concen: 41.766 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

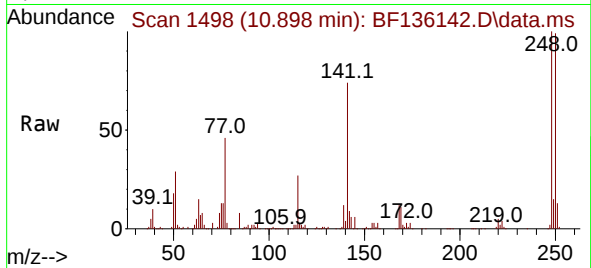
Tgt Ion:169 Resp: 544722
Ion Ratio Lower Upper
169 100
168 66.3 52.2 78.2
167 36.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 42.303 ng
RT: 10.898 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

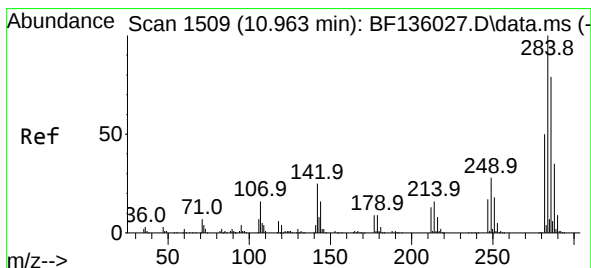
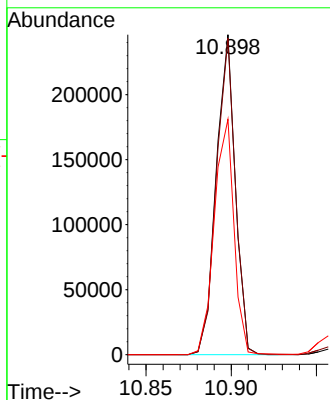
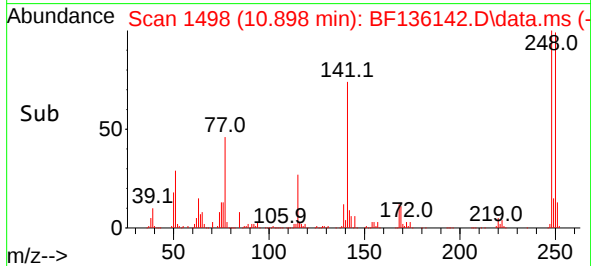
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



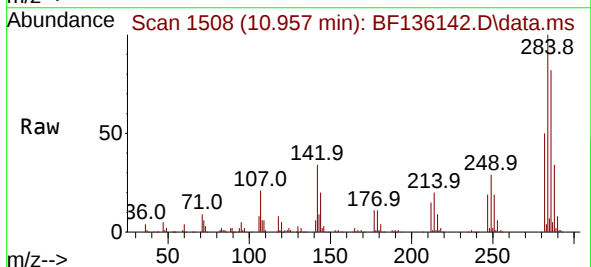
Tgt Ion:248 Resp: 191750
Ion Ratio Lower Upper
248 100
250 98.9 77.6 116.4
141 73.6 50.4 75.6

Manual Integrations
APPROVED

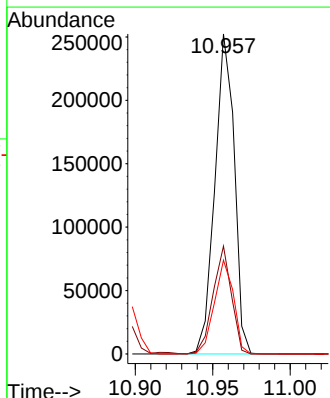
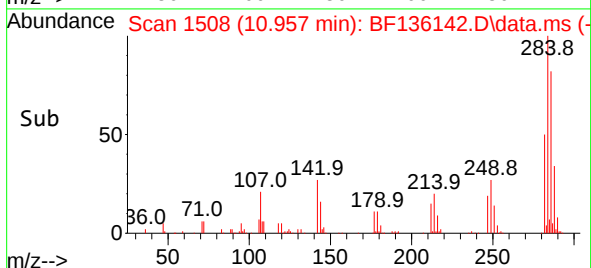
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

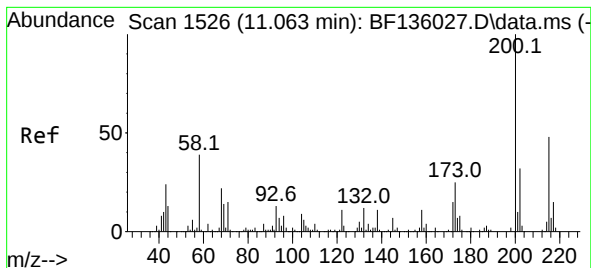


#68
Hexachlorobenzene
Concen: 45.253 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



Tgt Ion:284 Resp: 219074
Ion Ratio Lower Upper
284 100
142 33.7 20.2 30.4#
249 29.3 22.6 33.8





#69

Atrazine

Concen: 51.194 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF136142.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB156895BSD

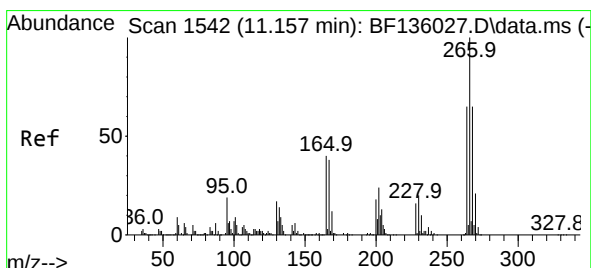
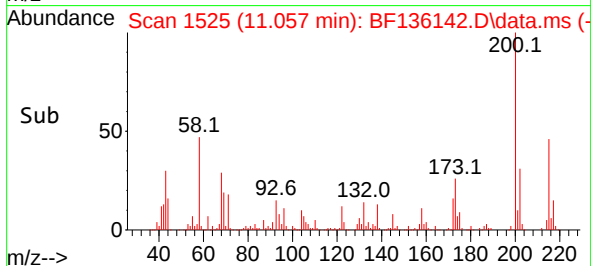
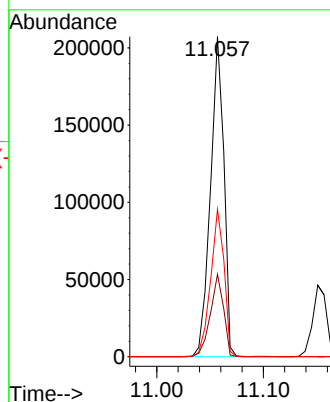
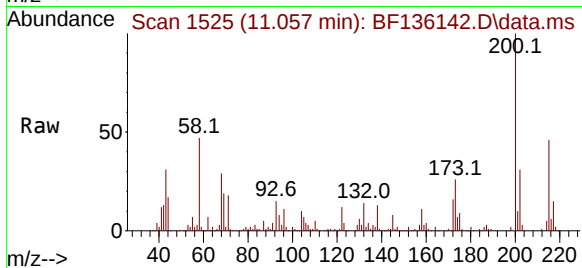
Tgt Ion:200 Resp: 18166
 Ion Ratio Lower Upper
 200 100
 173 25.7 5.2 45.2
 215 46.0 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#70

Pentachlorophenol

Concen: 72.586 ng

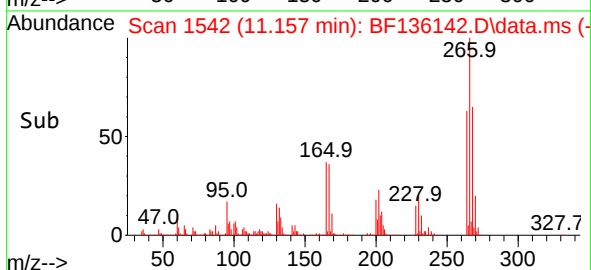
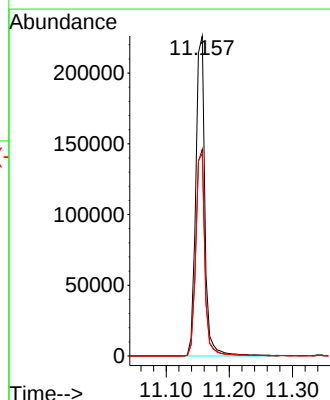
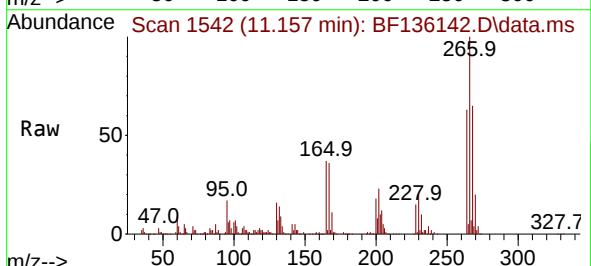
RT: 11.157 min Scan# 1542

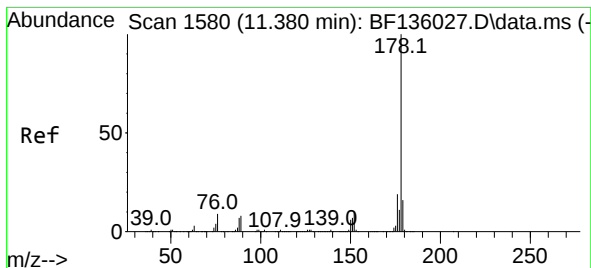
Delta R.T. 0.006 min

Lab File: BF136142.D

Acq: 04 Nov 2023 12:04

Tgt Ion:266 Resp: 225675
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.2 78.4
 264 63.2 52.2 78.4





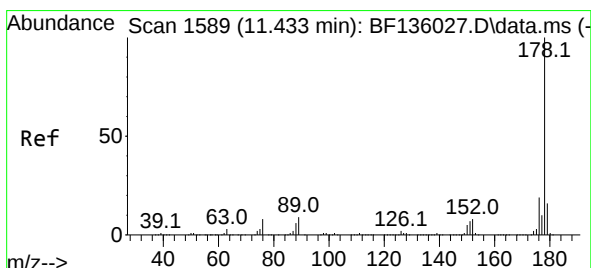
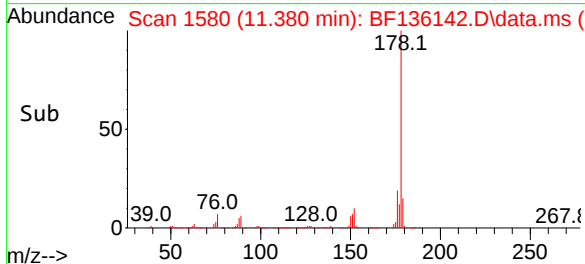
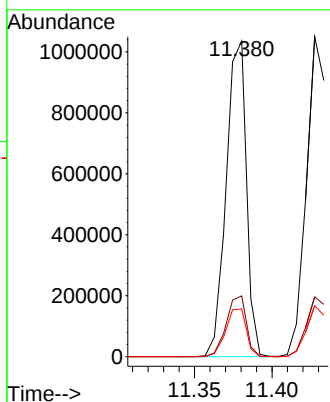
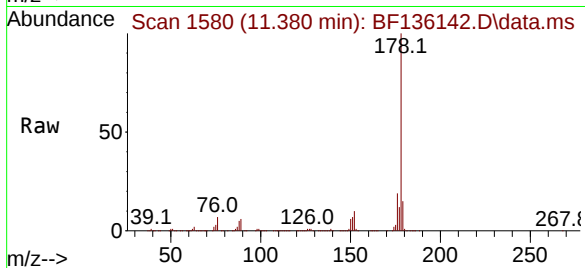
#71
Phenanthrene
Concen: 43.293 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :
BNA_F
ClientSampleId :
PB156895BSD

Tgt Ion:178 Resp: 942414
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.1 12.9 19.3

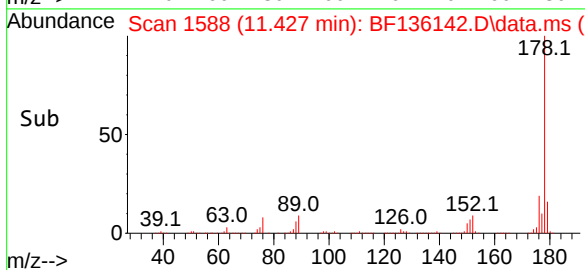
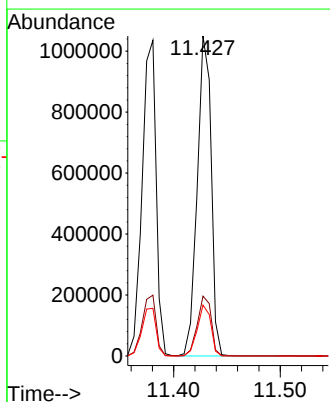
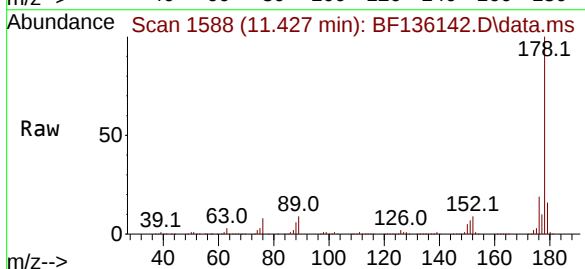
Manual Integrations
APPROVED

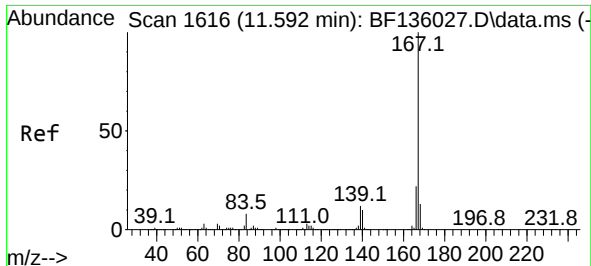
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#72
Anthracene
Concen: 42.850 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

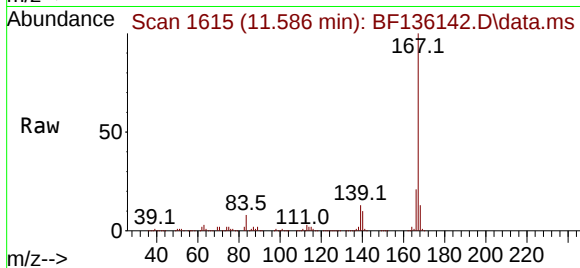
Tgt Ion:178 Resp: 955826
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.9 12.6 18.8





#73
Carbazole
Concen: 42.877 ng
RT: 11.586 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

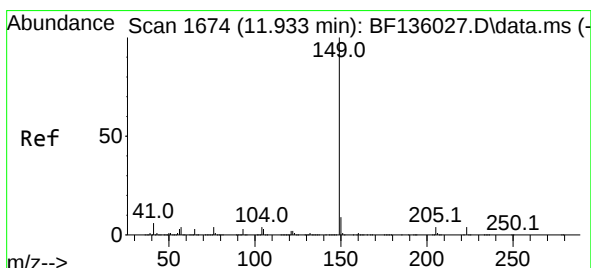
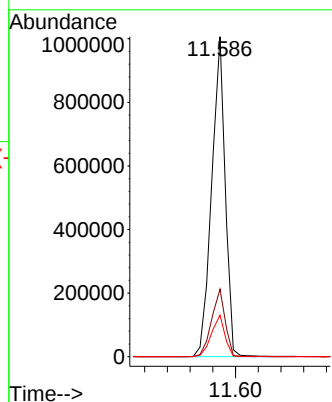
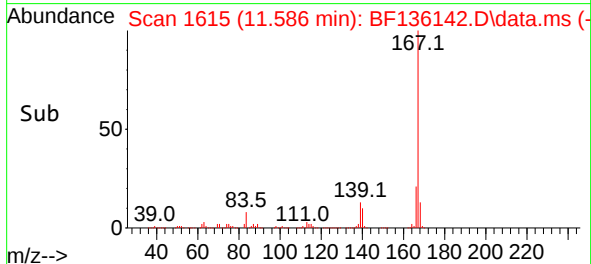
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



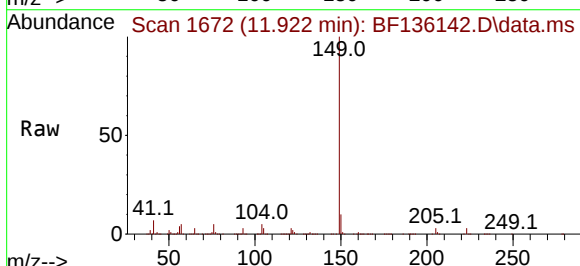
Tgt Ion:167 Resp: 831111
Ion Ratio Lower Upper
167 100
166 21.1 17.2 25.8
139 12.9 9.9 14.9

Manual Integrations
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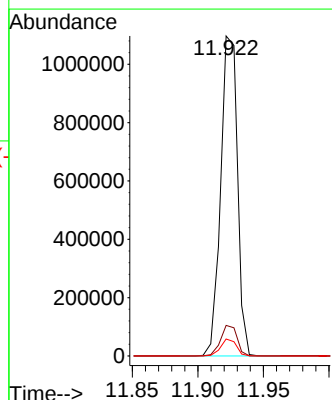
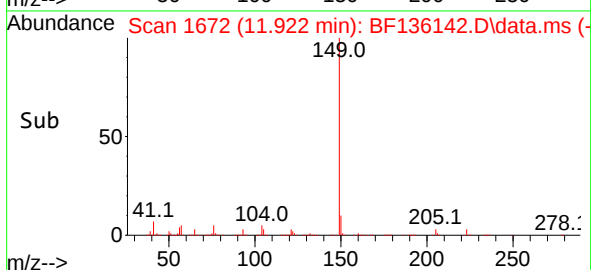
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

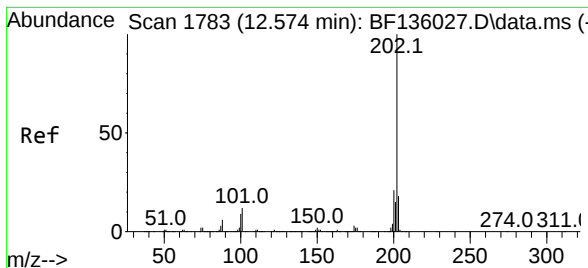


#74
Di-n-butylphthalate
Concen: 43.985 ng
RT: 11.922 min Scan# 1672
Delta R.T. -0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



Tgt Ion:149 Resp: 974229
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 5.3 3.6 5.4





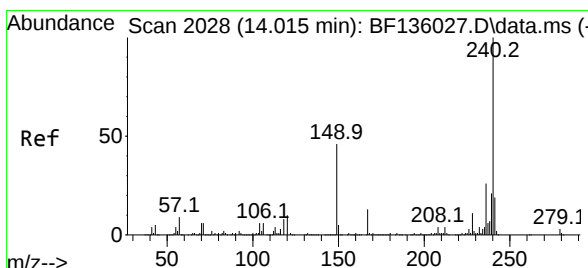
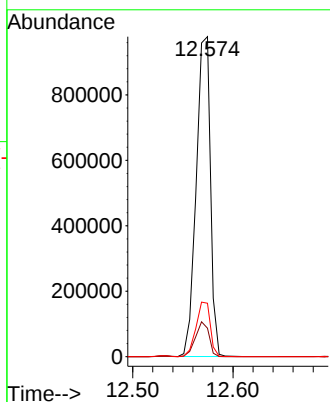
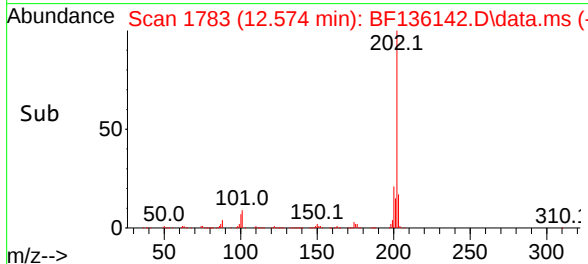
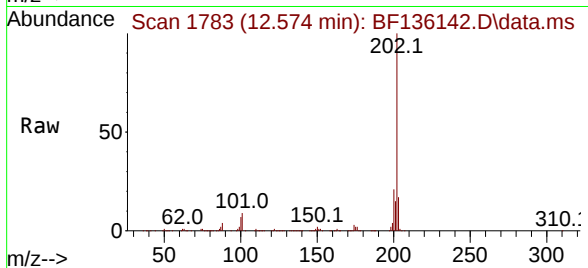
#75
Fluoranthene
Concen: 43.141 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :
BNA_F
ClientSampleId :
PB156895BSD

Tgt Ion:202 Resp: 96476
Ion Ratio Lower Upper
202 100
101 8.9 0.0 31.8
203 16.7 0.0 37.9

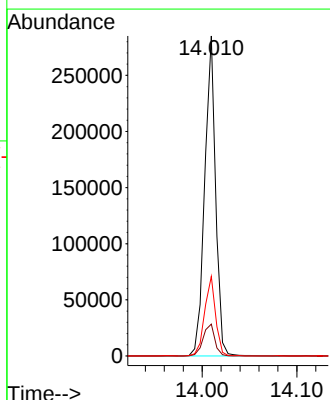
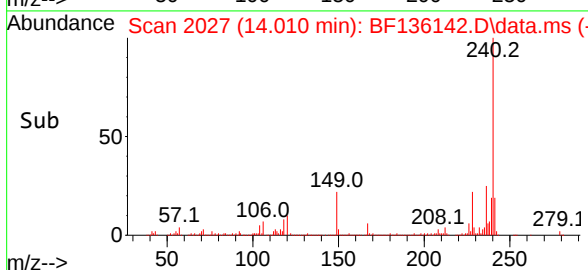
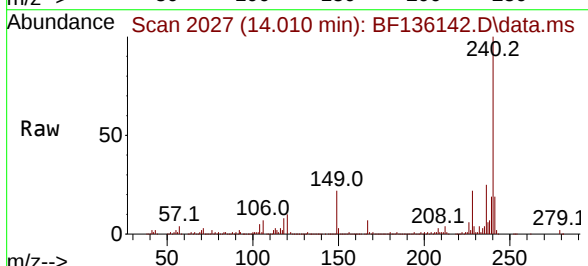
Manual Integrations
APPROVED

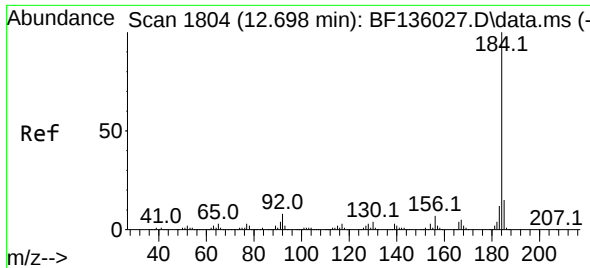
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

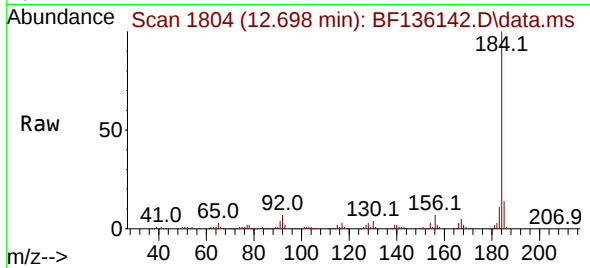
Tgt Ion:240 Resp: 227074
Ion Ratio Lower Upper
240 100
120 9.9 7.6 11.4
236 24.9 20.6 31.0





#77
Benzidine
Concen: 34.981 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

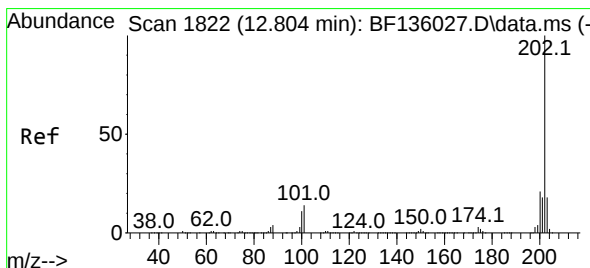
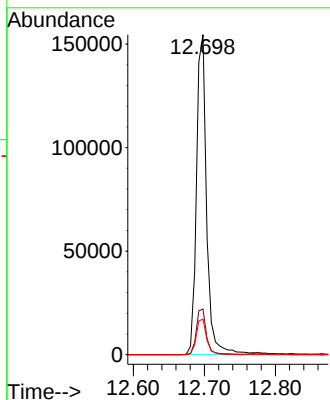
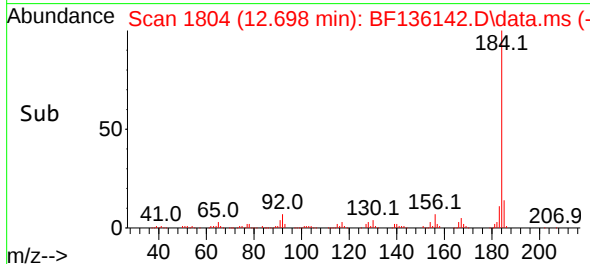
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



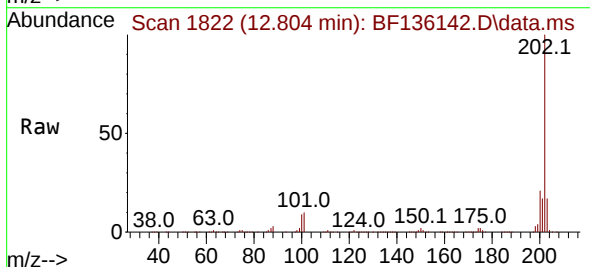
Tgt Ion:184 Resp: 15482
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 11.1 9.5 14.3

Manual Integrations
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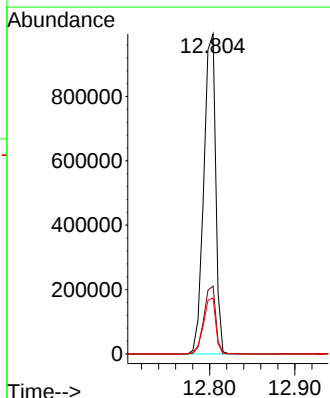
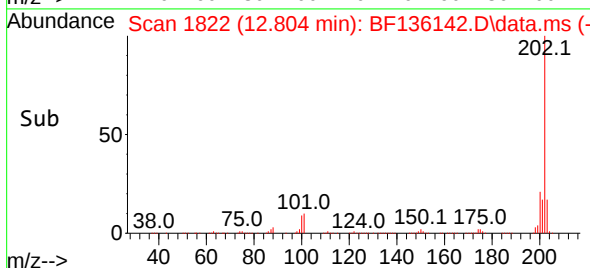
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

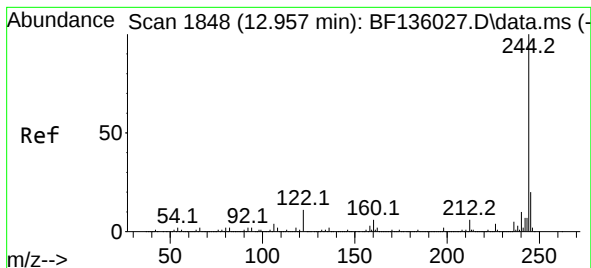


#78
Pyrene
Concen: 48.060 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.006 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



Tgt Ion:202 Resp: 962157
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 91.162 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF136142.D

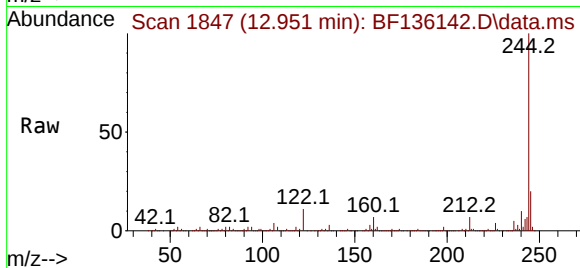
Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB156895BSD



Tgt Ion:244 Resp: 133205

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

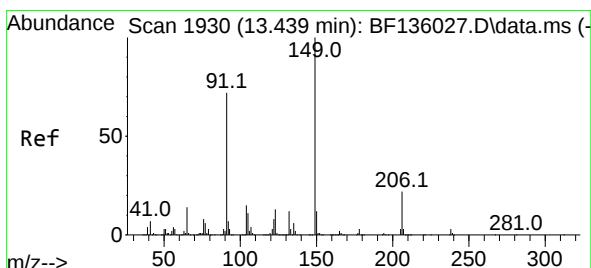
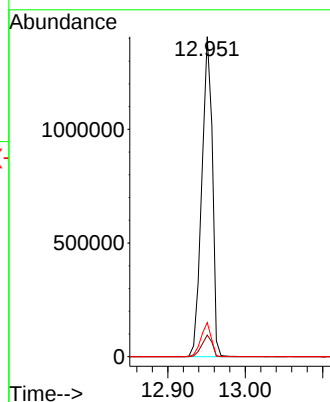
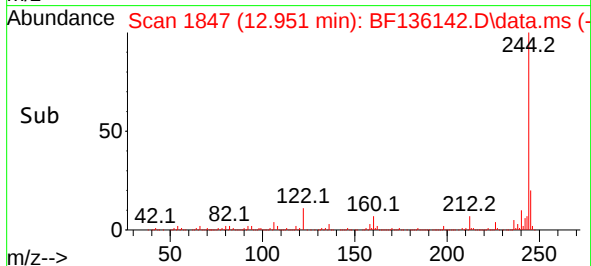
122 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#80

Butylbenzylphthalate

Concen: 45.340 ng

RT: 13.433 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF136142.D

Acq: 04 Nov 2023 12:04

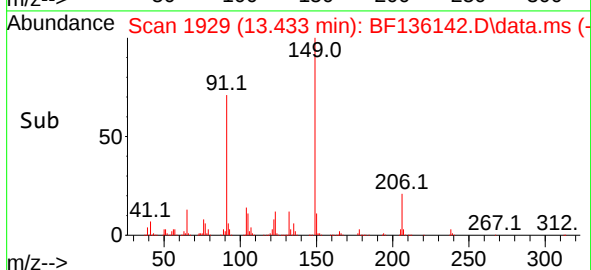
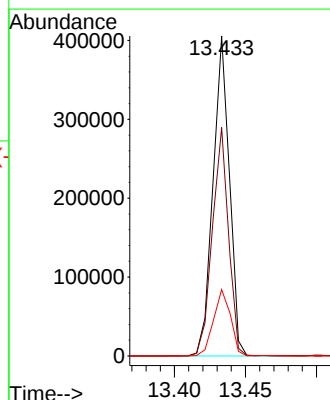
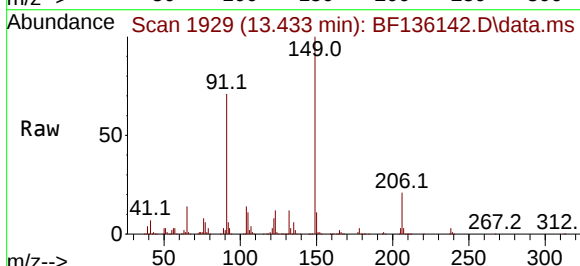
Tgt Ion:149 Resp: 324920

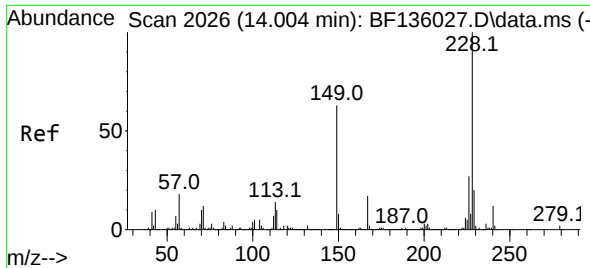
Ion Ratio Lower Upper

149 100

91 71.4 57.6 86.4

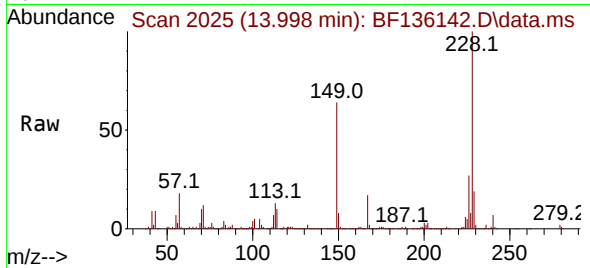
206 20.7 17.4 26.0





#81
Benzo(a)anthracene
Concen: 43.087 ng
RT: 13.998 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

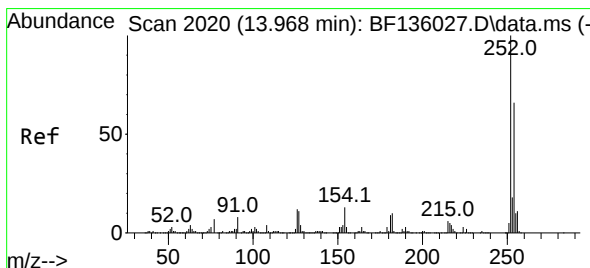
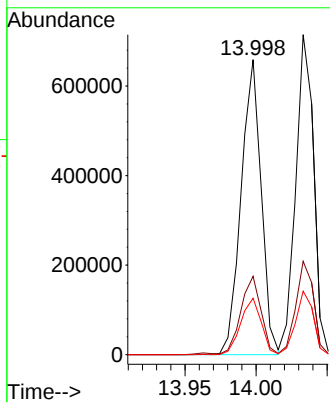
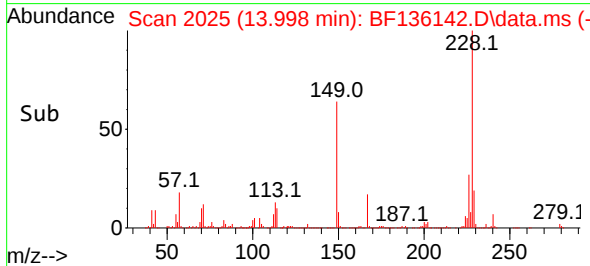
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



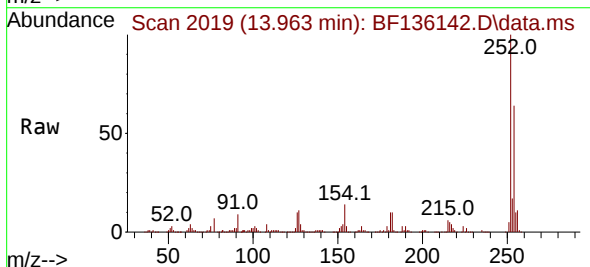
Tgt Ion:228 Resp: 64773
Ion Ratio Lower Upper
228 100
226 26.6 21.5 32.3
229 19.1 15.8 23.6

Manual Integrations
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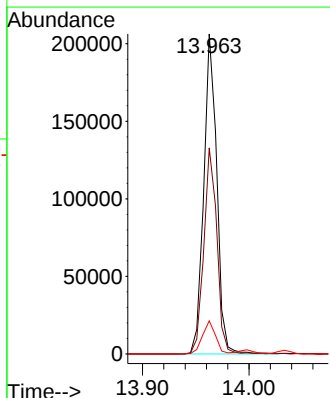
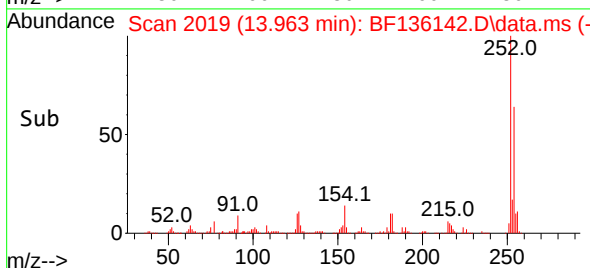
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

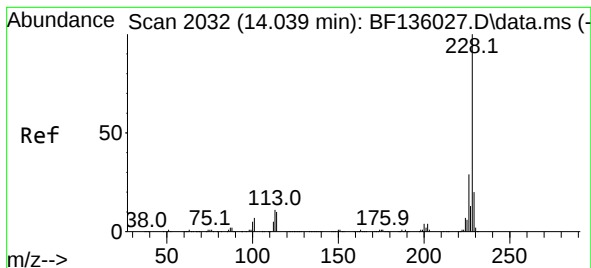


#82
3,3'-Dichlorobenzidine
Concen: 36.712 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



Tgt Ion:252 Resp: 176148
Ion Ratio Lower Upper
252 100
254 64.4 52.5 78.7
126 10.3 9.4 14.2





#83

Chrysene

Concen: 42.528 ng

RT: 14.033 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF136142.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB156895BSD

Tgt Ion:228 Resp: 62962

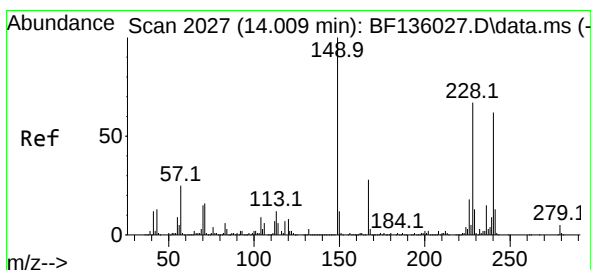
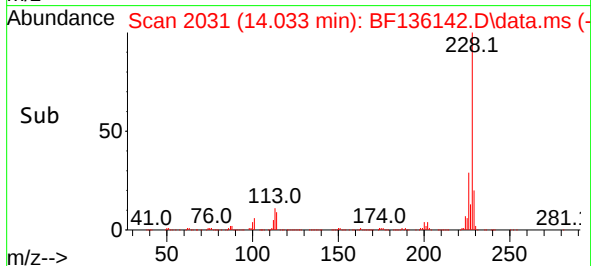
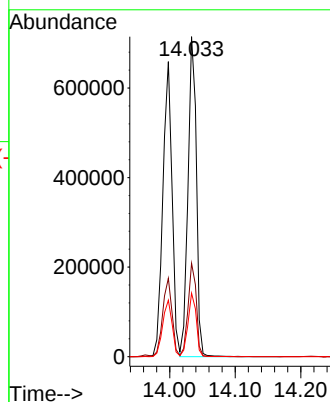
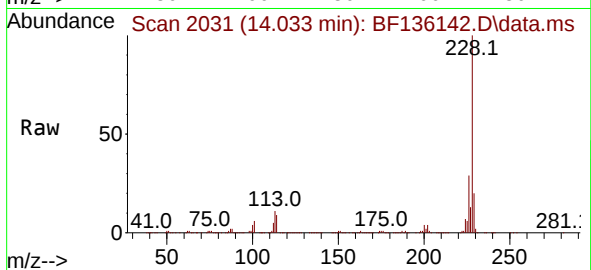
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.5	35.3
229	19.9	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.373 ng

RT: 13.998 min Scan# 2025

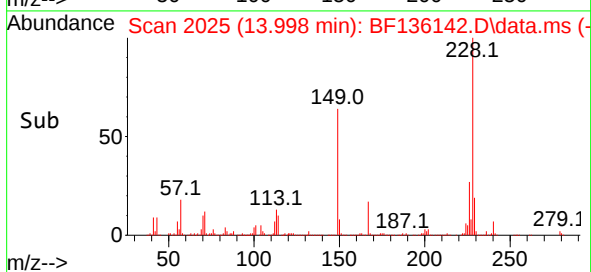
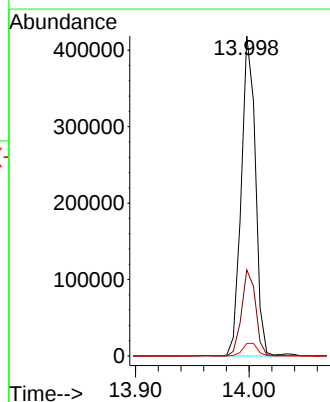
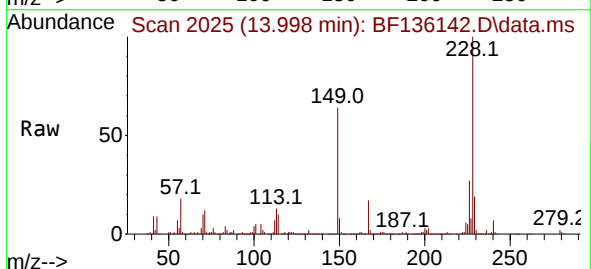
Delta R.T. 0.000 min

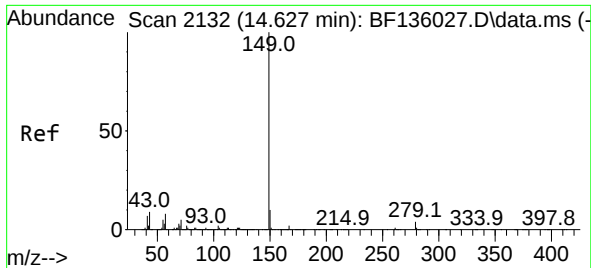
Lab File: BF136142.D

Acq: 04 Nov 2023 12:04

Tgt Ion:149 Resp: 362118

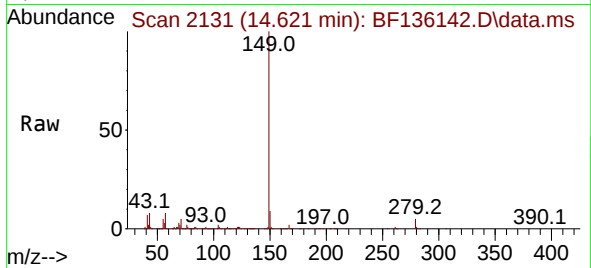
Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.6	33.8
279	3.9	4.1	6.1





#85
Di-n-octyl phthalate
Concen: 41.754 ng
RT: 14.621 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

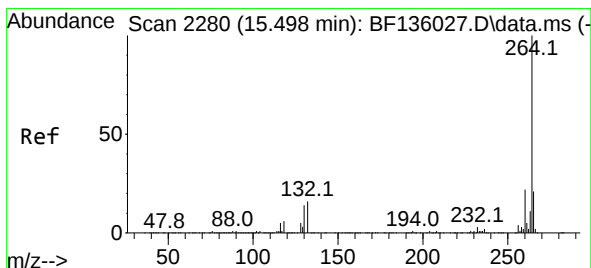
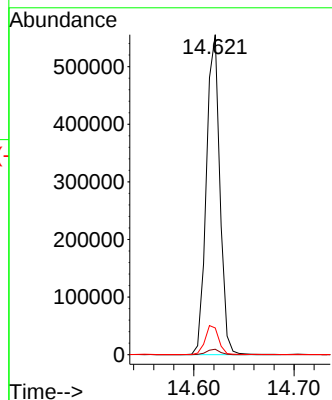
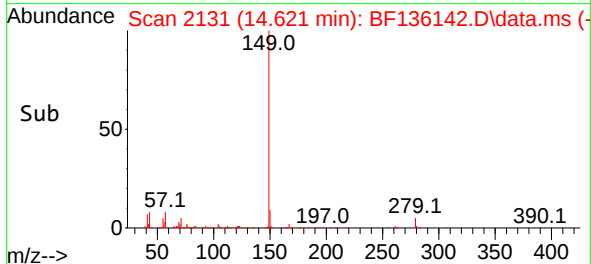
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



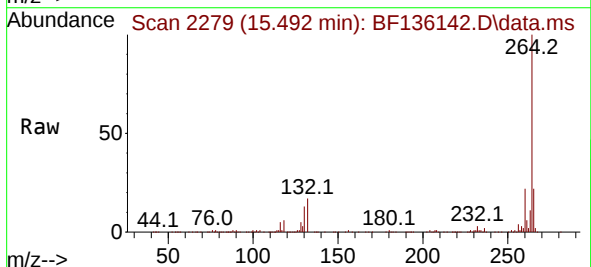
Tgt Ion:149 Resp: 522234
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.1 7.6 11.4

Manual Integrations
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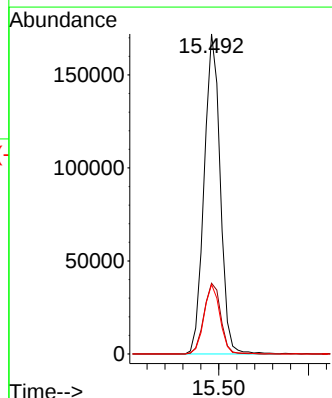
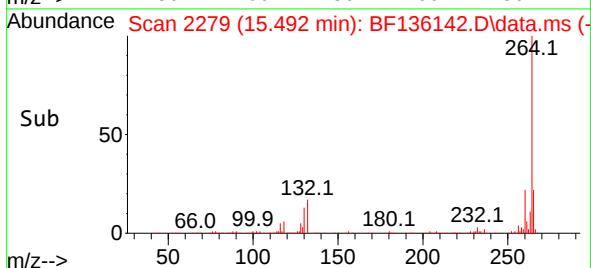
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

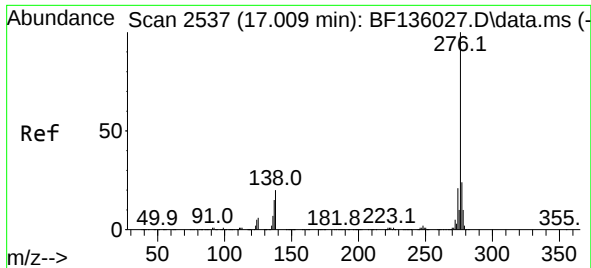


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



Tgt Ion:264 Resp: 213487
Ion Ratio Lower Upper
264 100
260 22.1 17.9 26.9
265 21.7 16.8 25.2





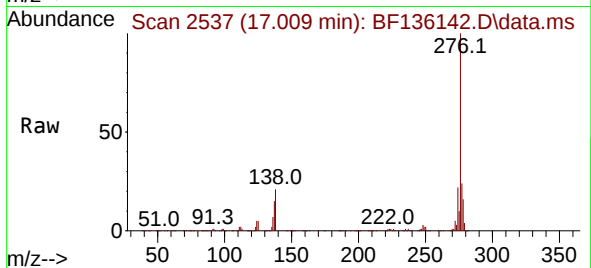
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.949 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB156895BSD

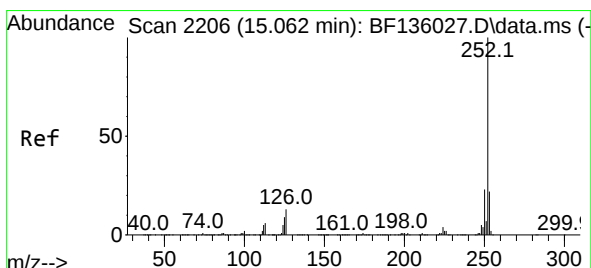
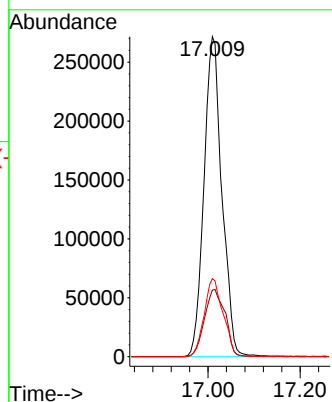
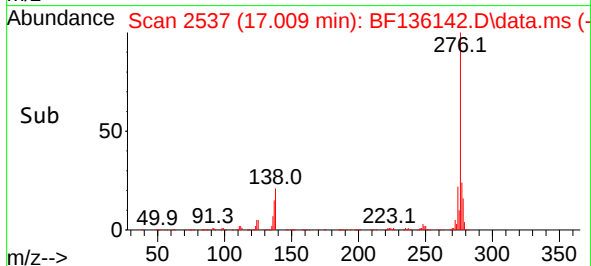


Tgt Ion:276 Resp: 738780
Ion Ratio Lower Upper
276 100
138 24.1 20.4 30.6
277 25.6 20.2 30.2

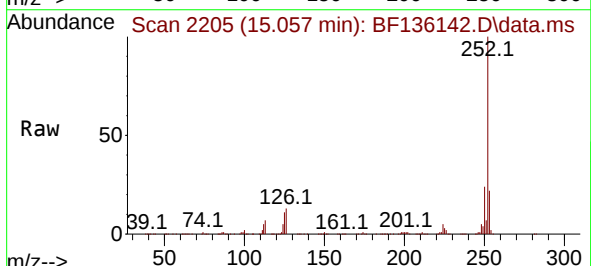
Manual Integrations

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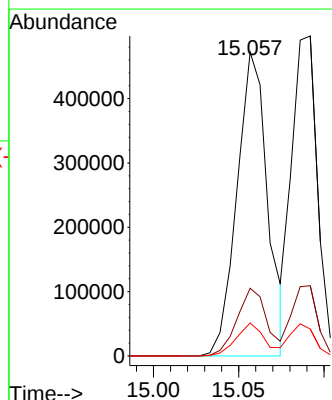
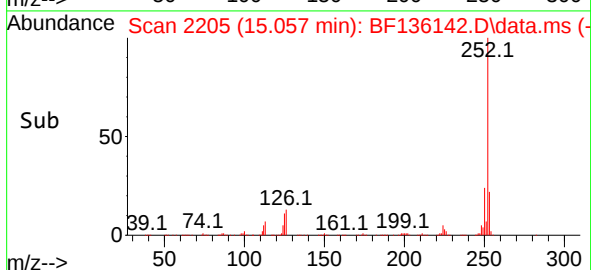
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

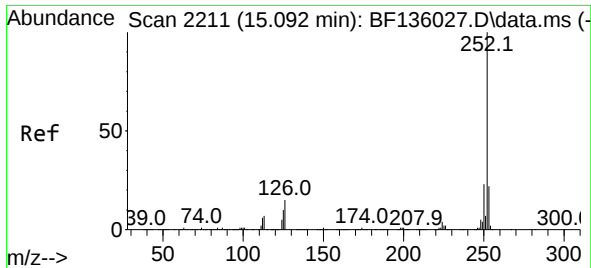


#88
Benzo(b)fluoranthene
Concen: 46.820 ng
RT: 15.057 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



Tgt Ion:252 Resp: 591452
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.8 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 42.064 ng

RT: 15.092 min Scan# 2211

Delta R.T. 0.006 min

Lab File: BF136142.D

Acq: 04 Nov 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB156895BSD

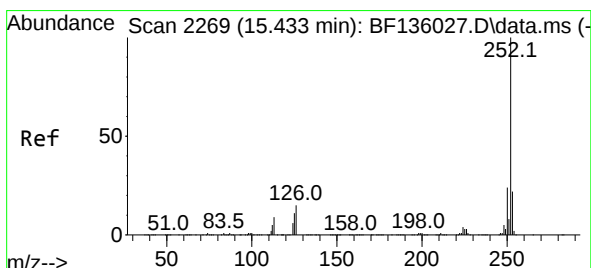
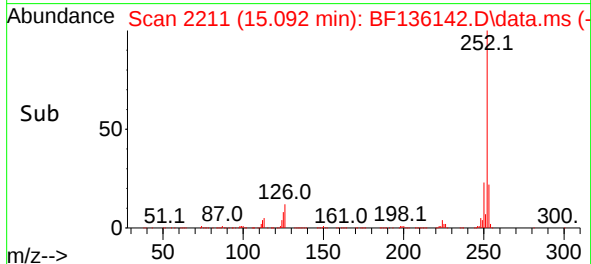
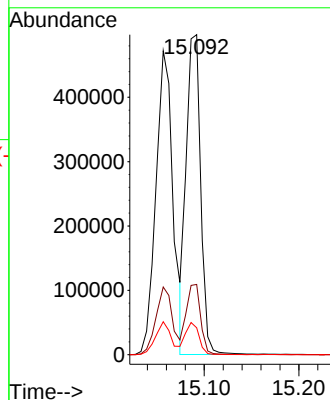
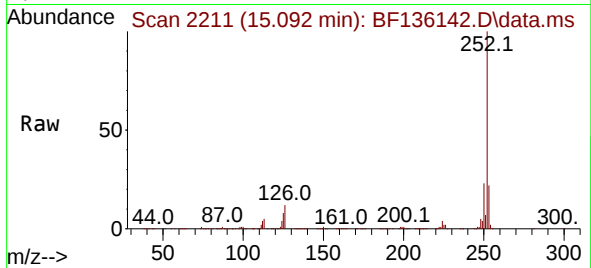
Tgt Ion:252 Resp: 52575
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.0
 125 8.4 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#90

Benzo(a)pyrene

Concen: 43.822 ng

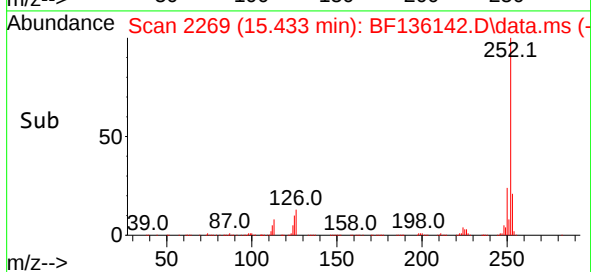
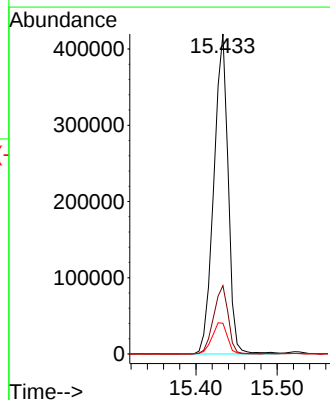
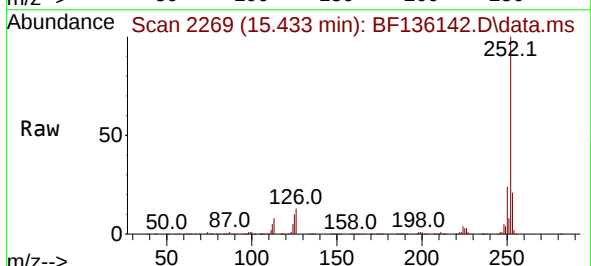
RT: 15.433 min Scan# 2269

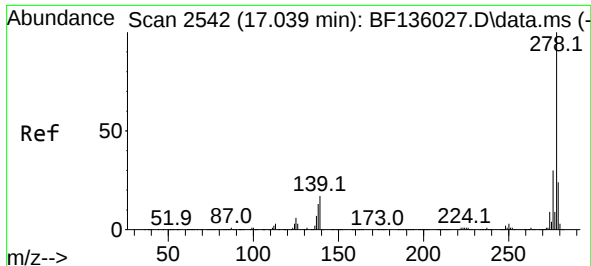
Delta R.T. 0.000 min

Lab File: BF136142.D

Acq: 04 Nov 2023 12:04

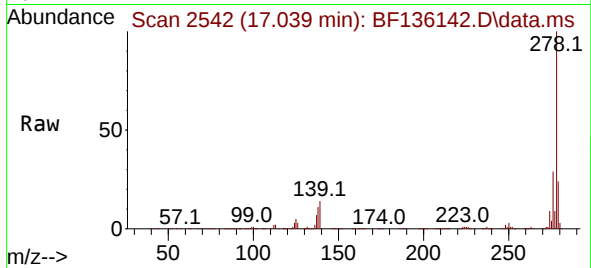
Tgt Ion:252 Resp: 514355
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.3 25.9
 125 9.6 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 54.207 ng
RT: 17.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04

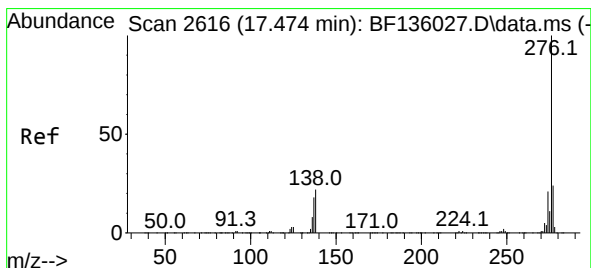
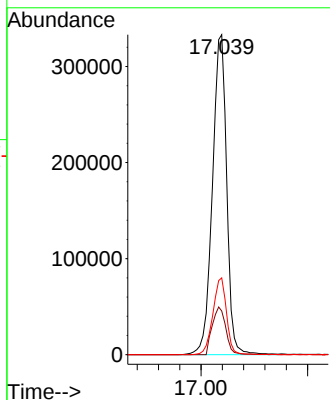
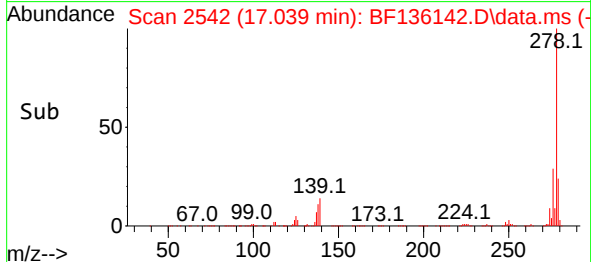
Instrument :
BNA_F
ClientSampleId :
PB156895BSD



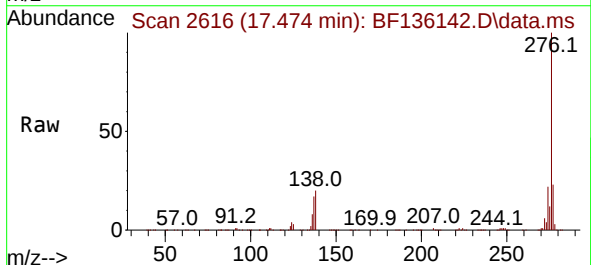
Tgt Ion:278 Resp: 61953
Ion Ratio Lower Upper
278 100
139 13.7 13.7 20.5
279 24.0 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#92
Benzo(g,h,i)perylene
Concen: 47.458 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF136142.D
Acq: 04 Nov 2023 12:04



Tgt Ion:276 Resp: 617078
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 20.3 17.4 26.2

