

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136119.D
 Acq On : 03 Nov 2023 12:27
 Operator : CG\JU
 Sample : PB156798BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156798BSD

Quant Time: Nov 04 00:06:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	120194	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	507536	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	282593	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	477539	20.000	ng	0.00
76) Chrysene-d12	14.010	240	300670	20.000	ng	0.00
86) Perylene-d12	15.492	264	241959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	897247	117.306	ng	0.01
7) Phenol-d6	6.463	99	1124151	117.960	ng	0.00
23) Nitrobenzene-d5	7.386	82	683433	81.175	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	345703	114.610	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1343697	75.798	ng	0.00
79) Terphenyl-d14	12.951	244	1513572	78.230	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	103148	30.969	ng	96
3) Pyridine	3.422	79	269050	29.595	ng	99
4) n-Nitrosodimethylamine	3.387	42	155774	40.982	ng	# 92
6) Aniline	6.481	93	357376	28.965	ng	# 86
8) 2-Chlorophenol	6.604	128	358877	43.886	ng	99
9) Benzaldehyde	6.369	77	43660	8.216	ng	96
10) Phenol	6.475	94	417342m	42.340	ng	
11) bis(2-Chloroethyl)ether	6.563	93	326381	42.296	ng	99
12) 1,3-Dichlorobenzene	6.763	146	371231	43.617	ng	97
13) 1,4-Dichlorobenzene	6.839	146	374883	43.951	ng	98
14) 1,2-Dichlorobenzene	6.986	146	358931	45.004	ng	97
15) Benzyl Alcohol	6.963	79	294915	43.644	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	443173	41.724	ng	99
17) 2-Methylphenol	7.075	107	277656	40.024	ng	96
18) Hexachloroethane	7.328	117	135706	45.267	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	230599	42.349	ng	97
20) 3+4-Methylphenols	7.228	107	340033	40.197	ng	93
22) Acetophenone	7.233	105	466432	41.445	ng	# 90
24) Nitrobenzene	7.404	77	355278	41.717	ng	94
25) Isophorone	7.645	82	660082	41.528	ng	99
26) 2-Nitrophenol	7.716	139	185709	47.795	ng	90
27) 2,4-Dimethylphenol	7.757	122	290532	39.569	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	395409	40.601	ng	99
29) 2,4-Dichlorophenol	7.957	162	300193	43.369	ng	94
30) 1,2,4-Trichlorobenzene	8.045	180	325066	43.049	ng	99
31) Naphthalene	8.122	128	1023950	41.838	ng	99
32) Benzoic acid	7.886	122	229505	39.976	ng	97
33) 4-Chloroaniline	8.169	127	229059	21.371	ng	100
34) Hexachlorobutadiene	8.239	225	191108	44.132	ng	100
35) Caprolactam	8.551	113	107074m	47.573	ng	
36) 4-Chloro-3-methylphenol	8.657	107	331638	45.637	ng	98
37) 2-Methylnaphthalene	8.816	142	704272	42.916	ng	99
38) 1-Methylnaphthalene	8.916	142	660900	43.276	ng	99
40) 1,2,4,5-Tetrachloroben...	8.980	216	324292	40.238	ng	99
41) Hexachlorocyclopentadiene	8.969	237	351252	81.579	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	224424	42.708	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	240110	39.446	ng	97
46) 1,1'-Biphenyl	9.286	154	827920	38.432	ng	99
47) 2-Chloronaphthalene	9.310	162	637338	40.132	ng	99
48) 2-Nitroaniline	9.404	65	201181	42.805	ng	99
49) Acenaphthylene	9.722	152	1011160	40.814	ng	100
50) Dimethylphthalate	9.592	163	756350	40.576	ng	99
51) 2,6-Dinitrotoluene	9.651	165	180926	45.382	ng	96
52) Acenaphthene	9.898	154	635773	40.367	ng	99
53) 3-Nitroaniline	9.816	138	153351	32.966	ng	95
54) 2,4-Dinitrophenol	9.922	184	175422	81.068	ng	# 86
55) Dibenzofuran	10.069	168	862250	37.546	ng	96
56) 4-Nitrophenol	9.980	139	279038	80.192	ng	# 79
57) 2,4-Dinitrotoluene	10.057	165	222436	44.097	ng	92
58) Fluorene	10.416	166	660369	38.405	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.186	232	193126	39.907	ng	96
60) Diethylphthalate	10.292	149	696798	39.123	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	319679	37.245	ng	92
62) 4-Nitroaniline	10.439	138	167512	37.396	ng	95
63) Azobenzene	10.569	77	650873	37.947	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	114224	44.071	ng	89
66) n-Nitrosodiphenylamine	10.527	169	606825	42.124	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	211953	42.334	ng	# 93
68) Hexachlorobenzene	10.957	284	240930	45.057	ng	# 90
69) Atrazine	11.063	200	200275	51.097	ng	97
70) Pentachlorophenol	11.157	266	248414	72.338	ng	98
71) Phenanthrene	11.380	178	1024564	42.612	ng	99
72) Anthracene	11.433	178	1041543	42.274	ng	99
73) Carbazole	11.586	167	915178	42.745	ng	99
74) Di-n-butylphthalate	11.927	149	1061372	43.384	ng	99
75) Fluoranthene	12.574	202	1060271	42.925	ng	97
77) Benzidine	12.698	184	170441	29.084	ng	98
78) Pyrene	12.804	202	1073331	40.490	ng	99
80) Butylbenzylphthalate	13.433	149	406559	42.846	ng	99
81) Benzo(a)anthracene	13.998	228	834283	41.913	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	221603	34.881	ng	95
83) Chrysene	14.039	228	803110	40.969	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	490319	44.353	ng	100
85) Di-n-octyl phthalate	14.621	149	684796	41.350	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	798624	50.503	ng	98
88) Benzo(b)fluoranthene	15.057	252	681554	47.604	ng	99
89) Benzo(k)fluoranthene	15.092	252	635344	44.850	ng	99
90) Benzo(a)pyrene	15.433	252	544226	40.911	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	660600	50.998	ng	97
92) Benzo(g,h,i)perylene	17.474	276	657029	44.760	ng	99

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

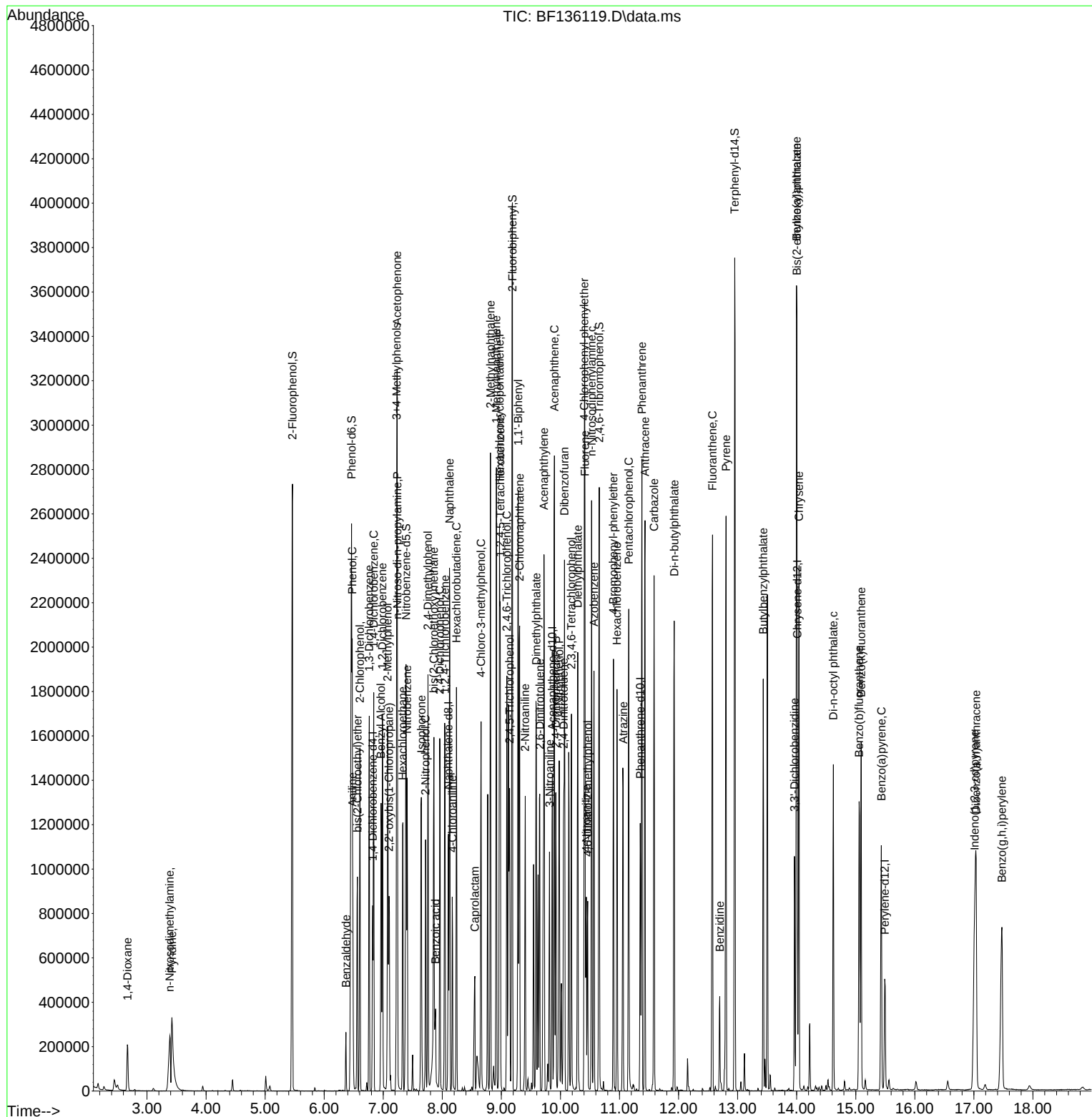
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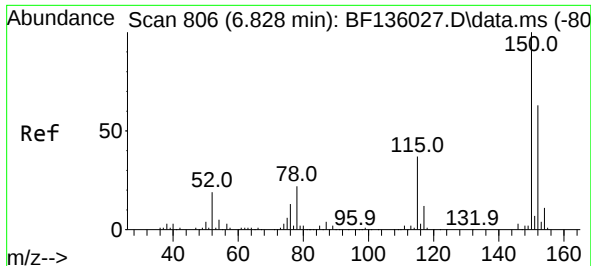
Instrument :
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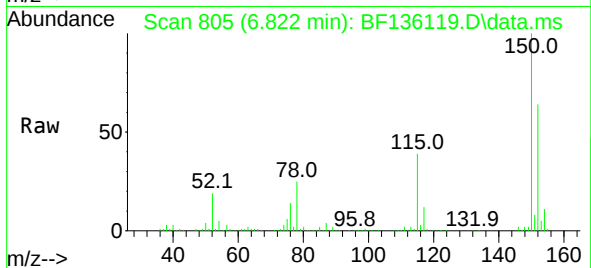
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

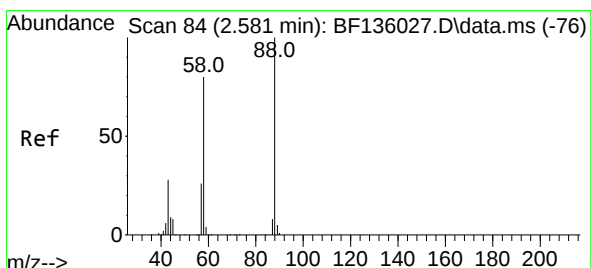
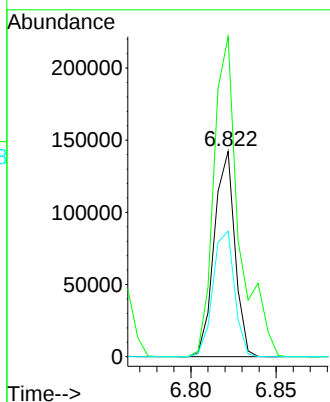
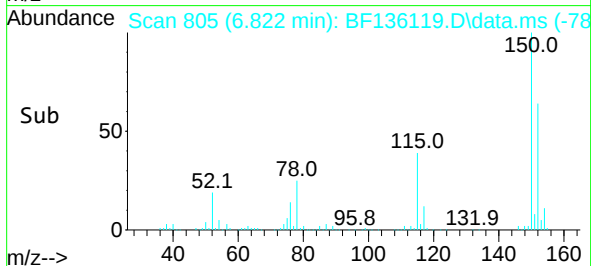
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



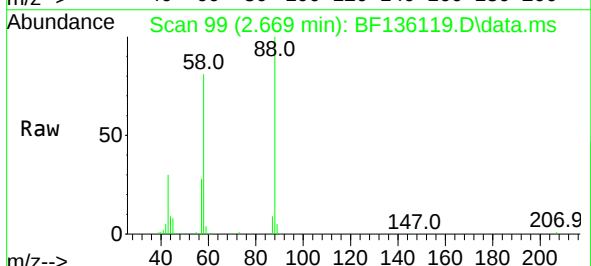
Tgt Ion:152 Resp: 120194
Ion Ratio Lower Upper
152 100
150 155.9 126.4 189.6
115 61.2 47.0 70.4

Manual Integrations
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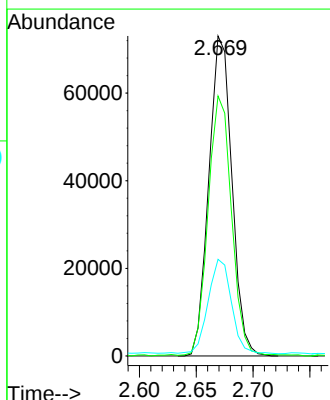
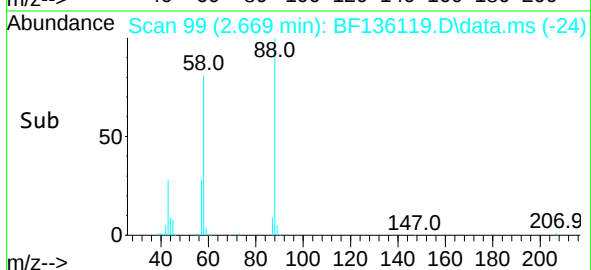
Reviewed By :Yogesh Patel 11/04/2023
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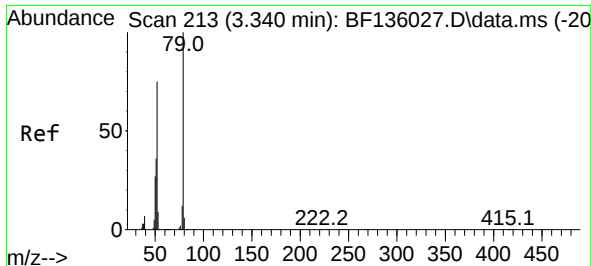


#2
1,4-Dioxane
Concen: 30.969 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.088 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



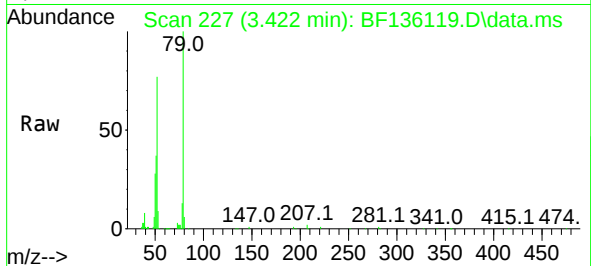
Tgt Ion: 88 Resp: 103148
Ion Ratio Lower Upper
88 100
58 83.5 64.3 96.5
43 29.8 22.3 33.5





#3
Pyridine
Concen: 29.595 ng
RT: 3.422 min Scan# 213
Delta R.T. 0.082 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

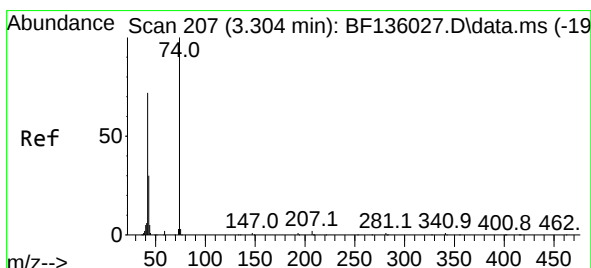
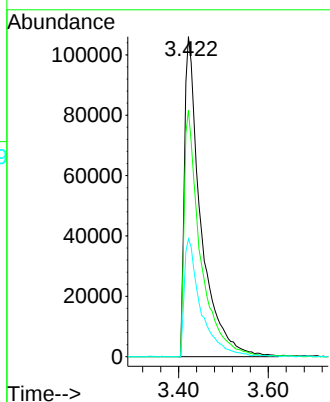
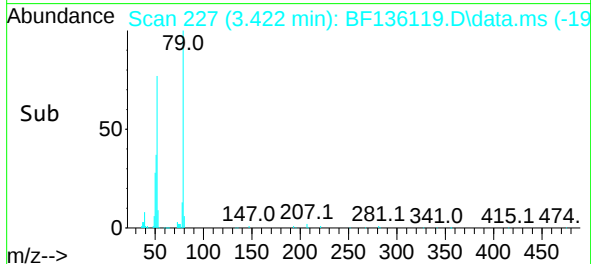
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



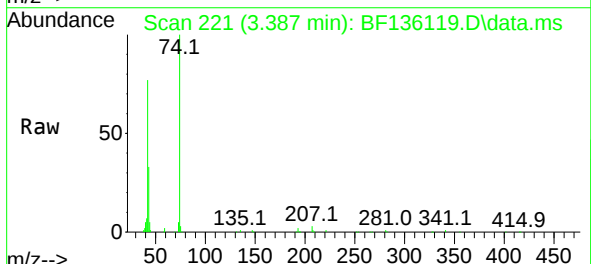
Tgt Ion: 79 Resp: 269050
Ion Ratio Lower Upper
79 100
52 77.0 60.3 90.5
51 36.9 29.3 43.9

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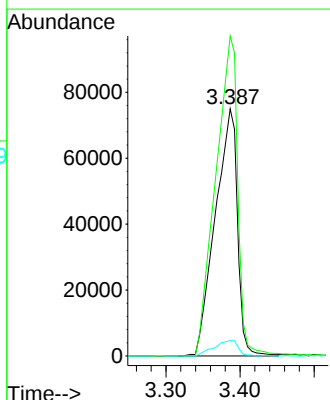
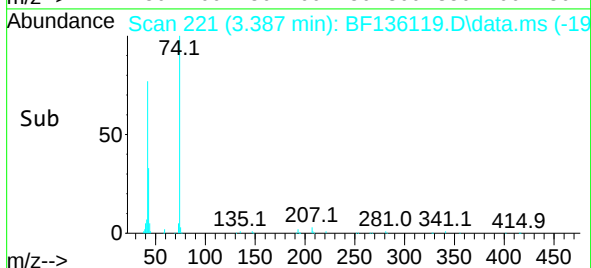
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

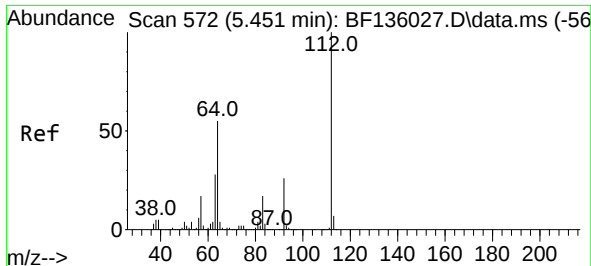


#4
n-Nitrosodimethylamine
Concen: 40.982 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.082 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



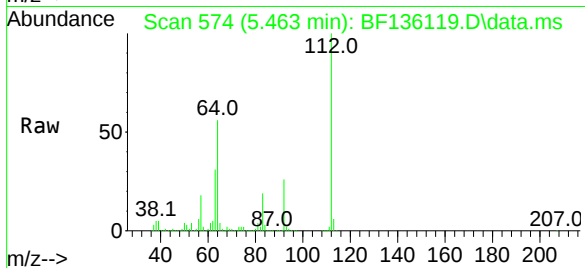
Tgt Ion: 42 Resp: 155774
Ion Ratio Lower Upper
42 100
74 129.5 111.8 167.6
44 6.2 6.2 9.4





#5
2-Fluorophenol
Concen: 117.306 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

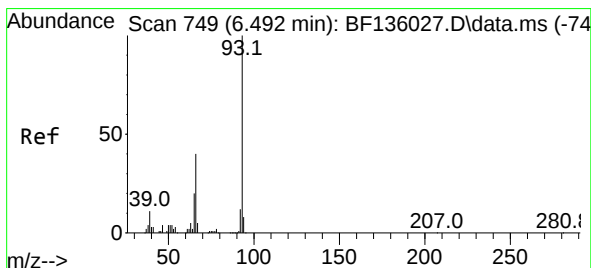
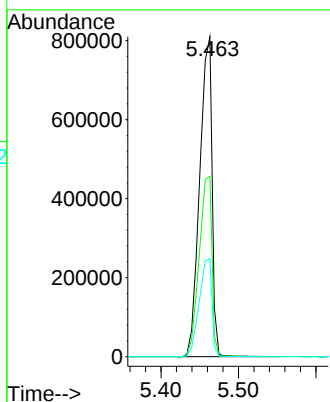
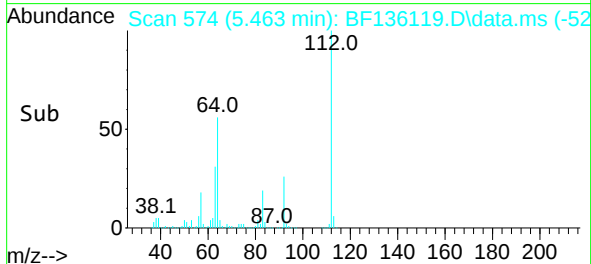
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 112 Resp: 89724
Ion Ratio Lower Upper
112 100
64 56.4 43.9 65.9
63 30.6 22.4 33.6

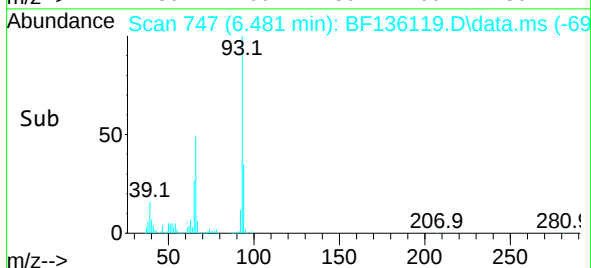
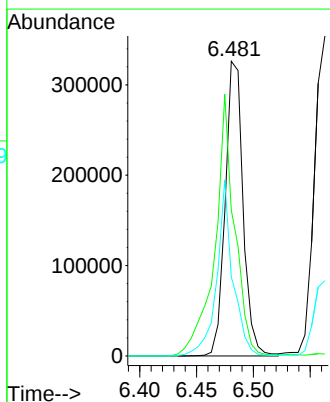
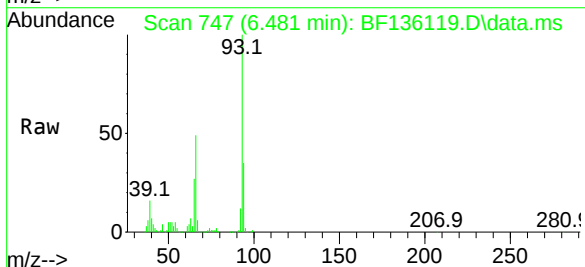
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#6
Aniline
Concen: 28.965 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Tgt Ion: 93 Resp: 357376
Ion Ratio Lower Upper
93 100
66 49.4 32.4 48.6#
65 26.8 16.2 24.2#





#7

Phenol-d6

Concen: 117.960 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD

Tgt Ion: 99 Resp: 112415

Ion Ratio Lower Upper

99 100

42 17.1 13.7 20.5

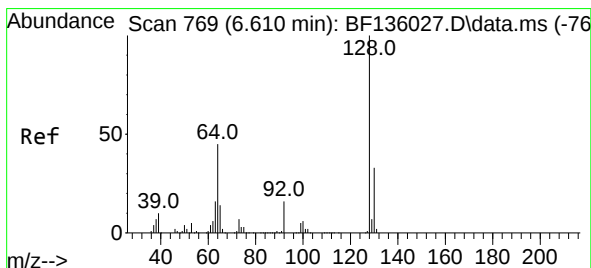
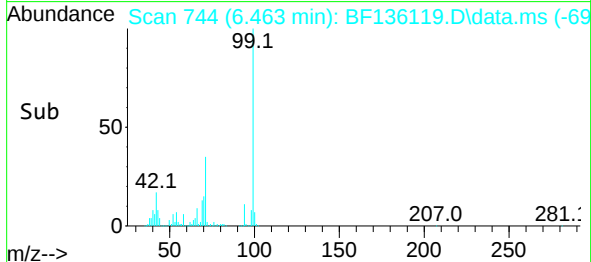
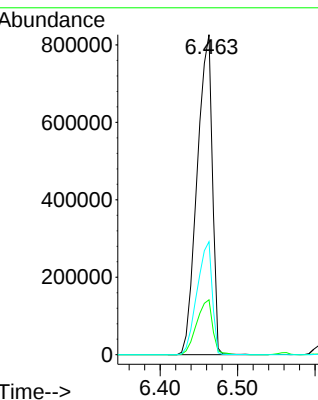
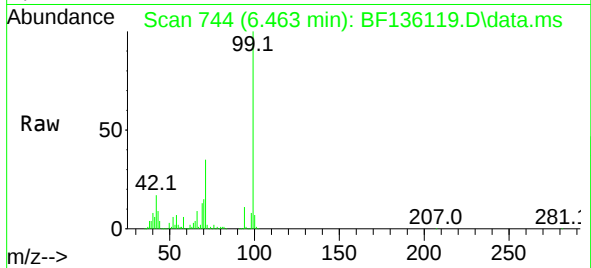
71 35.3 25.9 38.9

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#8

2-Chlorophenol

Concen: 43.886 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

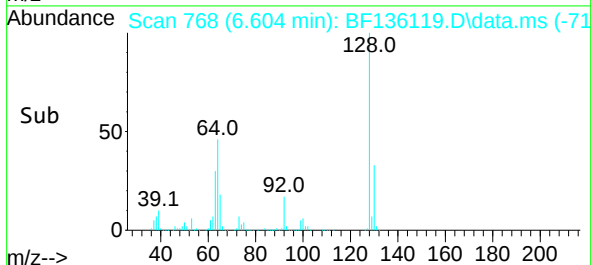
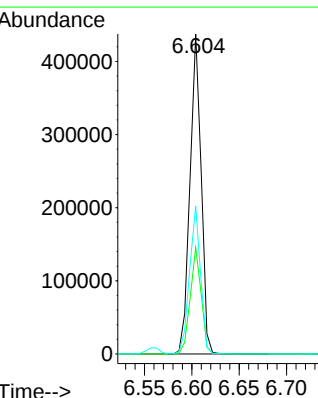
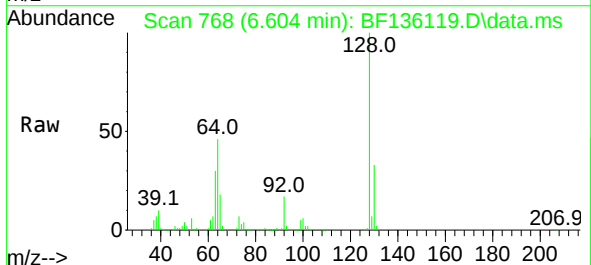
Tgt Ion:128 Resp: 358877

Ion Ratio Lower Upper

128 100

130 33.3 12.8 52.8

64 46.2 25.8 65.8





#9

Benzaldehyde

Concen: 8.216 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136119.D

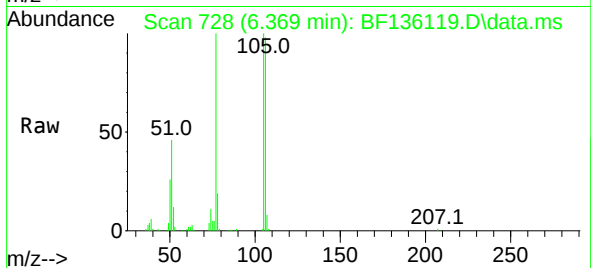
Acq: 03 Nov 2023 12:27

Instrument :

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Tgt Ion: 77 Resp: 4366

Ion Ratio Lower Upper

77 100

105 100.3 85.7 125.7

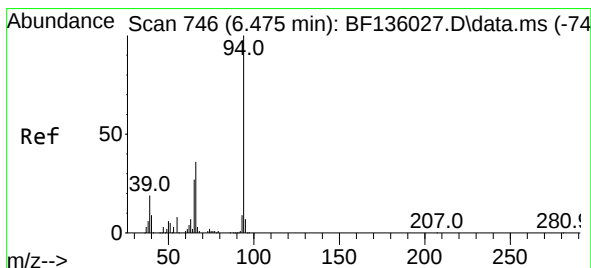
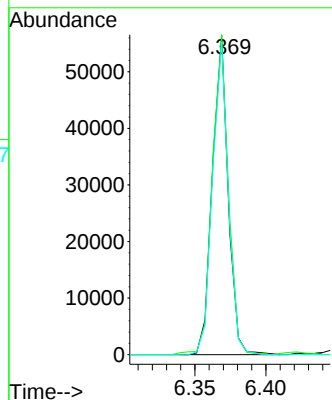
106 97.9 79.8 119.8

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#10

Phenol

Concen: 42.340 ng m

RT: 6.475 min Scan# 746

Delta R.T. 0.000 min

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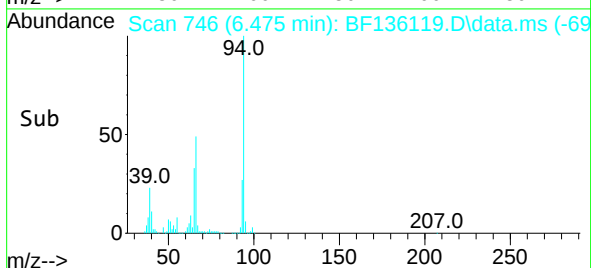
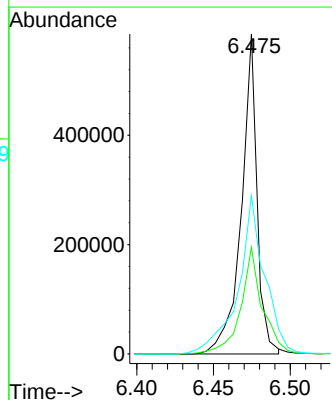
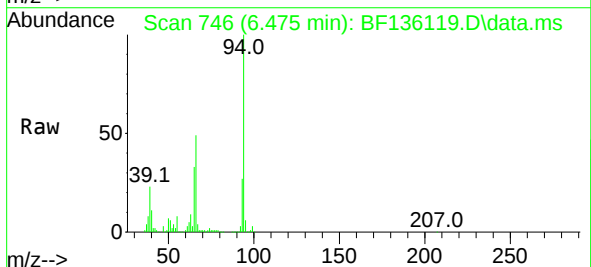
Tgt Ion: 94 Resp: 417342

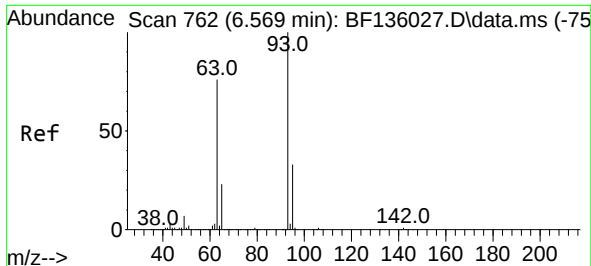
Ion Ratio Lower Upper

94 100

65 33.3 7.5 47.5

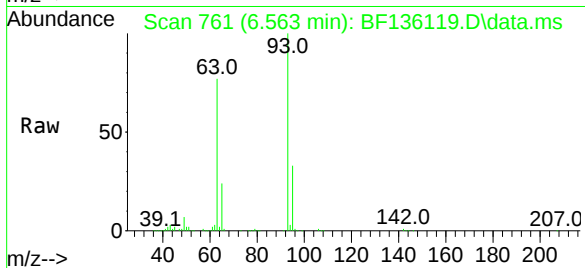
66 49.5 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 42.296 ng
RT: 6.563 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

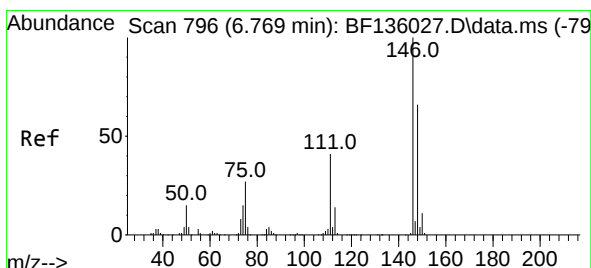
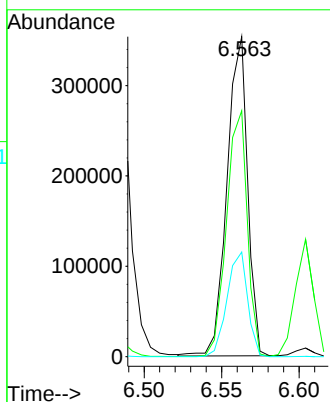
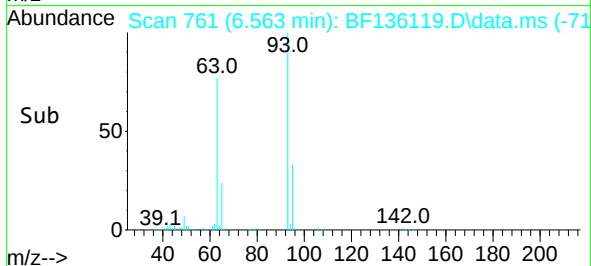
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



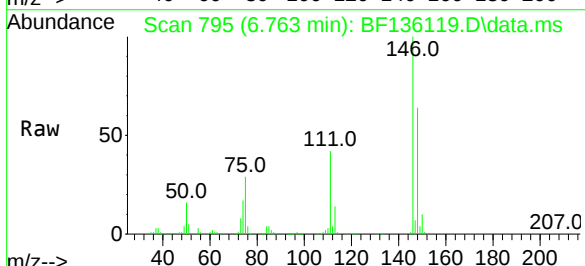
Tgt Ion: 93 Resp: 32638
Ion Ratio Lower Upper
93 100
63 76.8 55.8 95.8
95 32.7 12.9 52.9

Manual Integrations
APPROVED

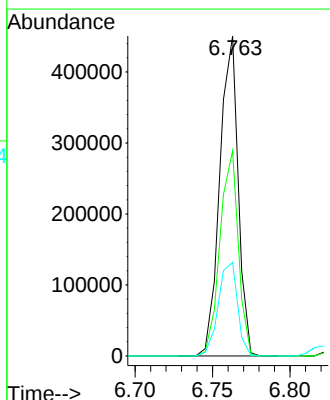
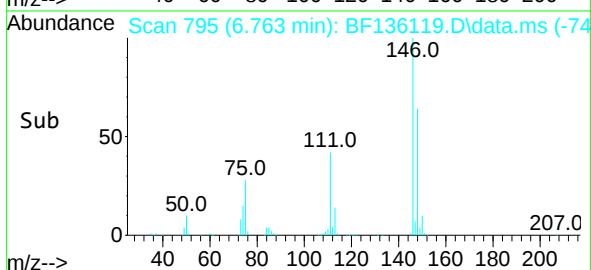
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#12
1,3-Dichlorobenzene
Concen: 43.617 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



Tgt Ion:146 Resp: 371231
Ion Ratio Lower Upper
146 100
148 64.1 52.6 78.8
75 29.2 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 43.951 ng

RT: 6.839 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD

Tgt Ion:146 Resp: 37488

Ion Ratio Lower Upper

146 100

148 64.1 52.1 78.1

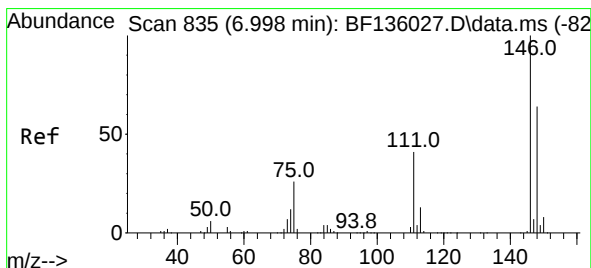
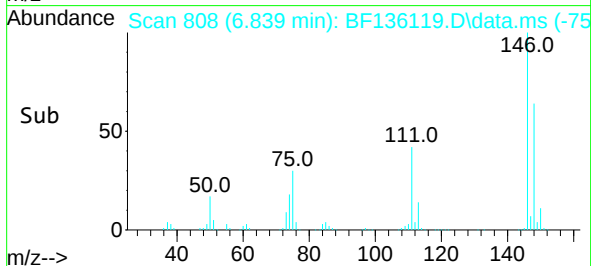
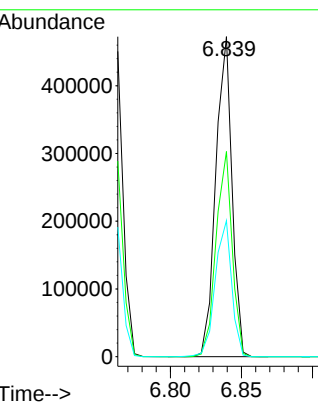
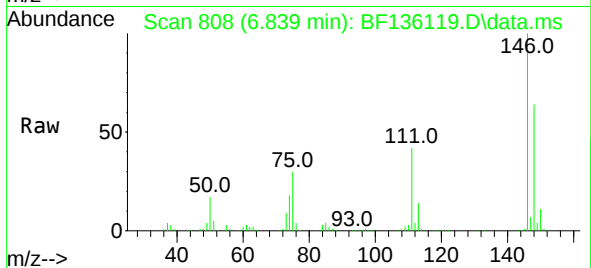
111 42.5 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#14

1,2-Dichlorobenzene

Concen: 45.004 ng

RT: 6.986 min Scan# 833

Delta R.T. -0.012 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

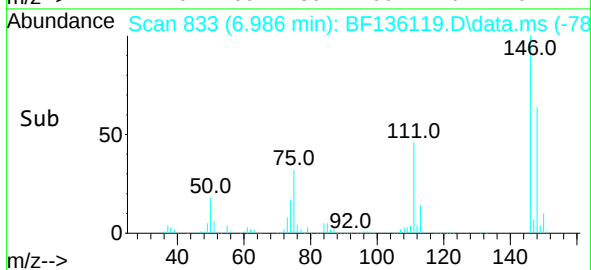
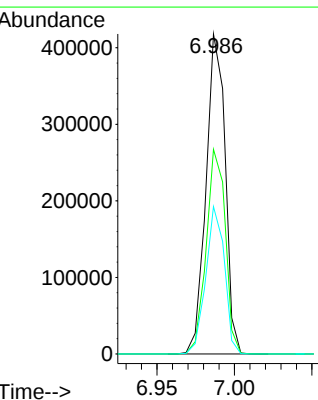
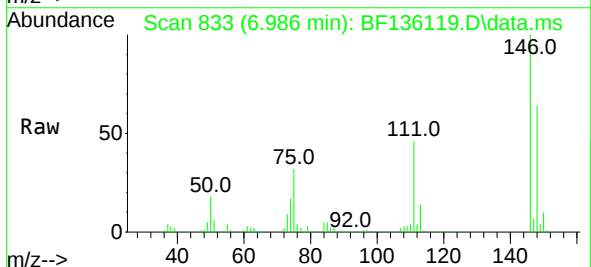
Tgt Ion:146 Resp: 358931

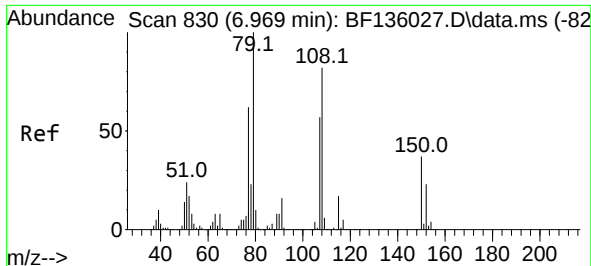
Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

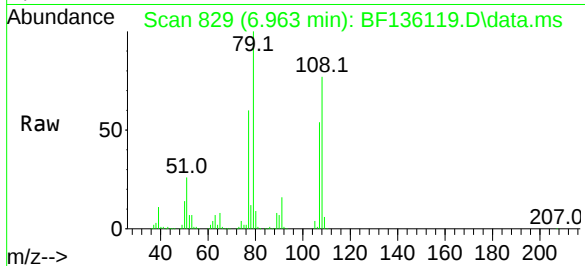
111 46.0 33.0 49.4





#15
Benzyl Alcohol
Concen: 43.644 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

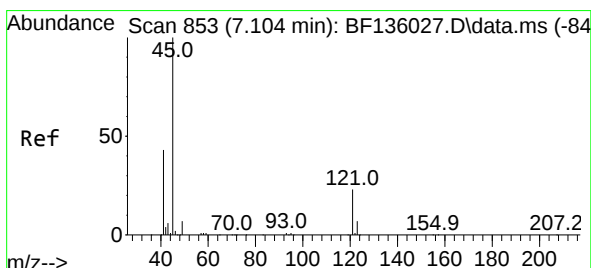
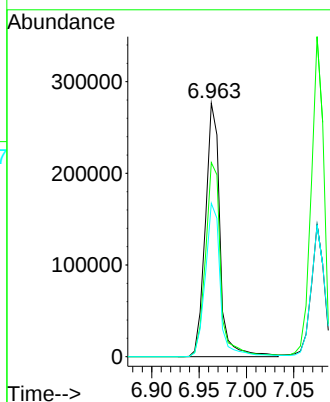
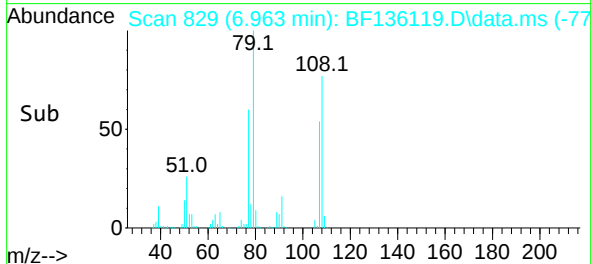
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



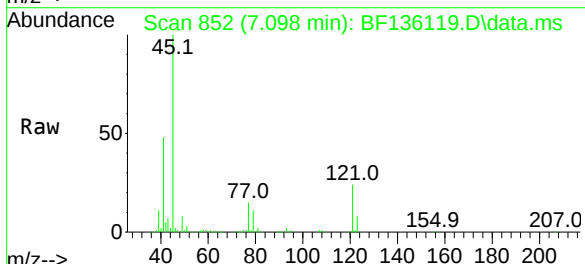
Tgt Ion: 79 Resp: 294915
Ion Ratio Lower Upper
79 100
108 76.5 65.9 98.9
77 60.5 49.4 74.2

Manual Integrations
APPROVED

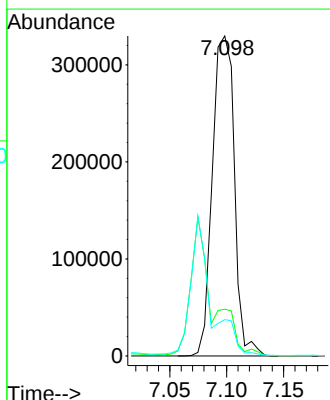
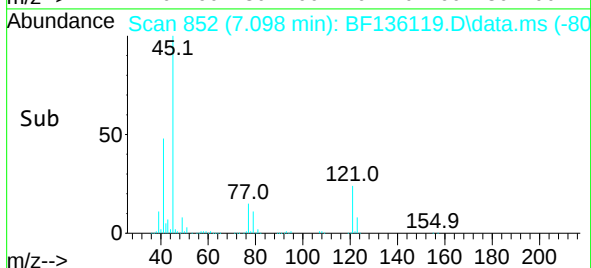
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

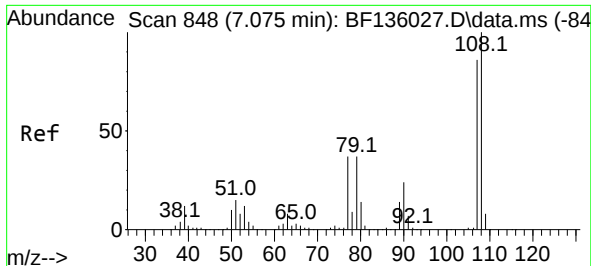


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.724 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



Tgt Ion: 45 Resp: 443173
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.6
79 11.3 0.0 30.6





#17

2-Methylphenol

Concen: 40.024 ng

RT: 7.075 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD

Tgt Ion:107 Resp: 277650

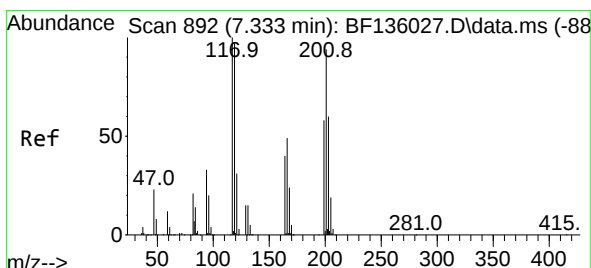
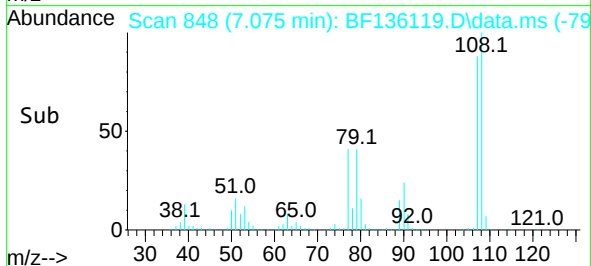
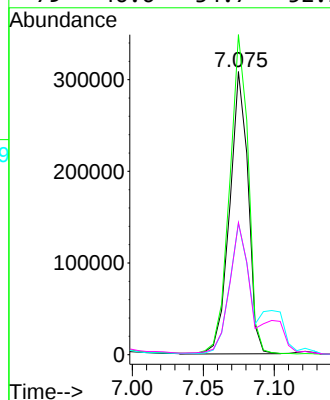
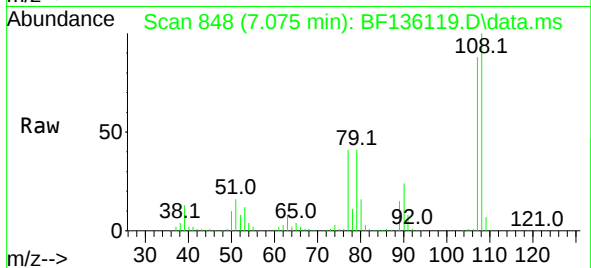
Ion	Ratio	Lower	Upper
107	100		
108	113.0	93.4	140.2
77	46.4	34.4	51.6
79	46.6	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#18

Hexachloroethane

Concen: 45.267 ng

RT: 7.328 min Scan# 891

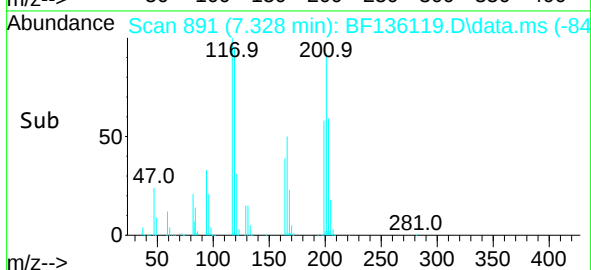
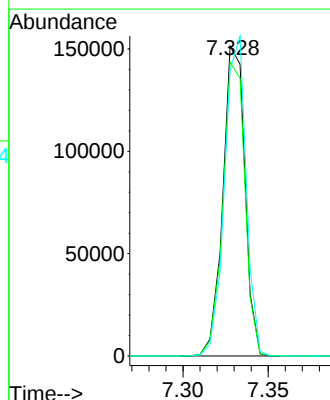
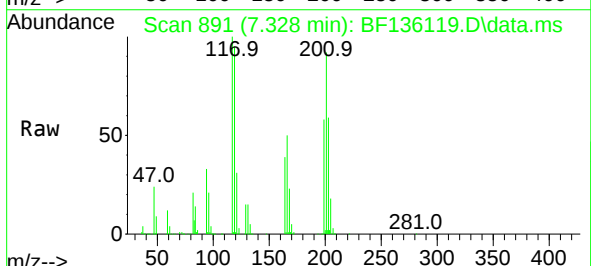
Delta R.T. -0.006 min

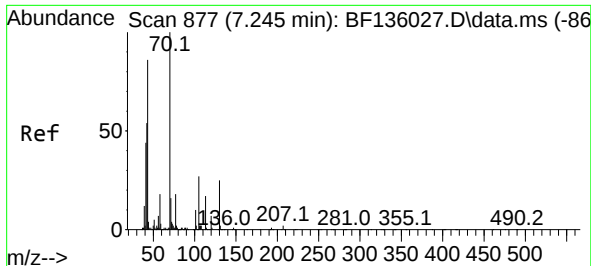
Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

Tgt Ion:117 Resp: 135706

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.7	116.5
201	92.3	75.0	112.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.349 ng

RT: 7.239 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136119.D

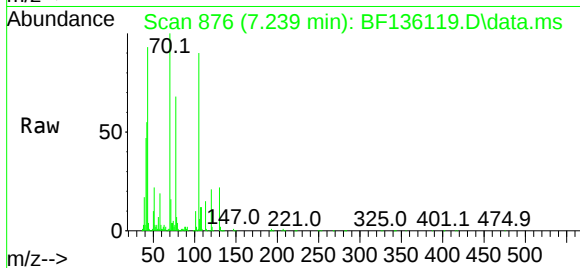
Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD



Tgt Ion: 70 Resp: 230599

Ion Ratio Lower Upper

70 100

42 55.3 43.0 64.4

101 10.3 8.0 12.0

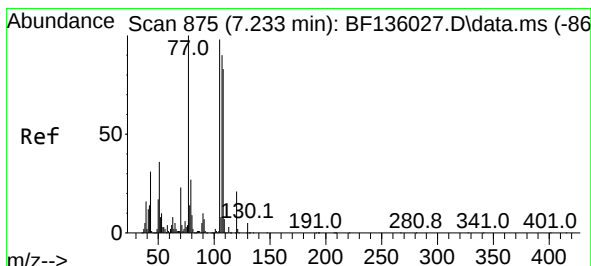
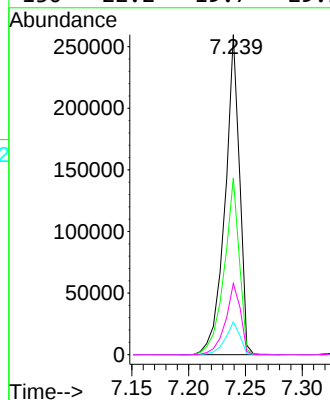
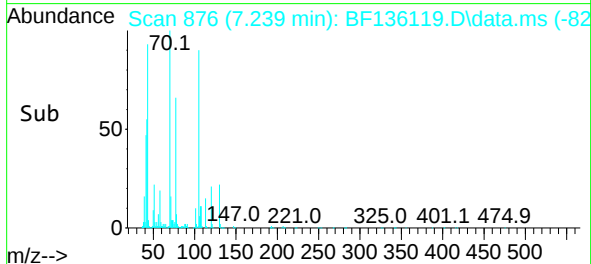
130 22.2 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#20

3+4-Methylphenols

Concen: 40.197 ng

RT: 7.228 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

Tgt Ion:107 Resp: 340033

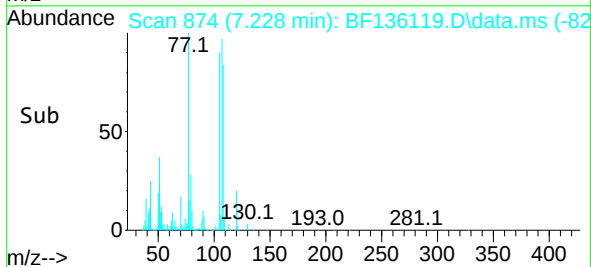
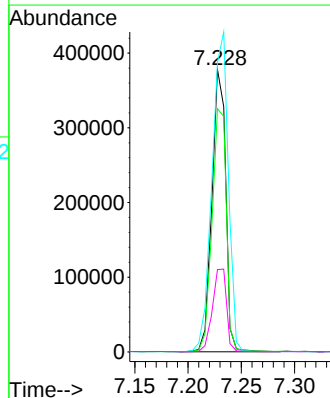
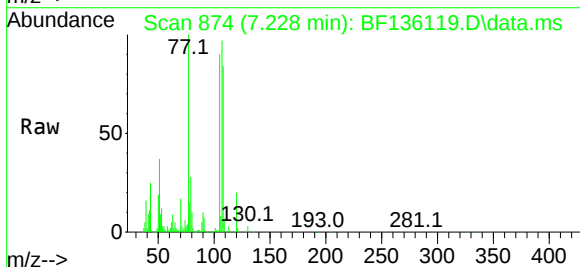
Ion Ratio Lower Upper

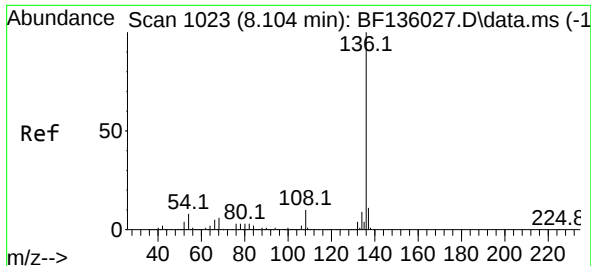
107 100

108 86.1 72.3 112.3

77 102.6 91.4 131.4

79 29.2 9.7 49.7





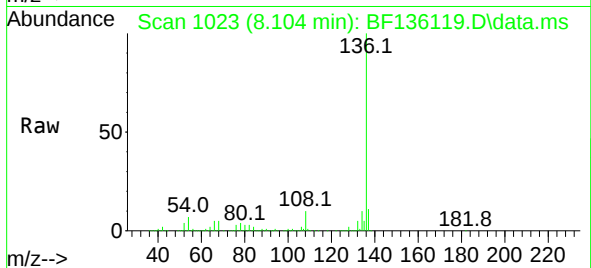
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD

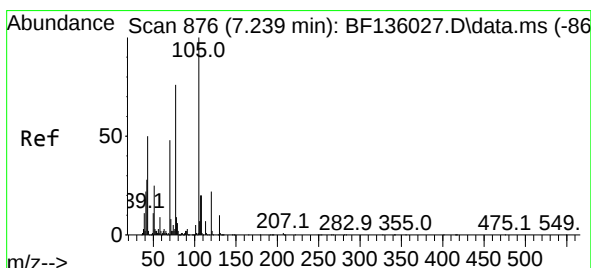
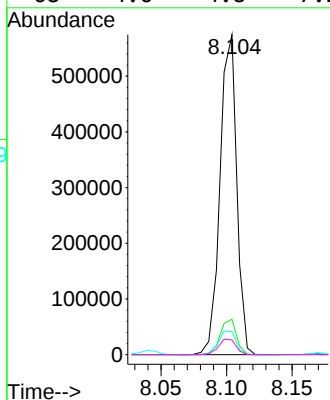
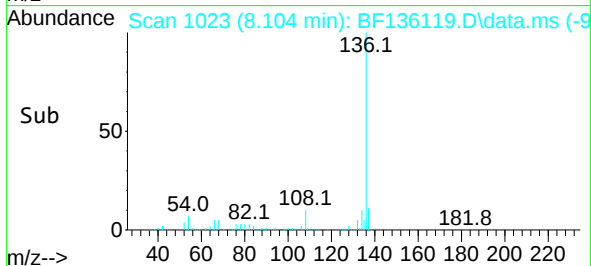


Tgt Ion:136 Resp: 507530
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.3 6.6 9.8
68 4.6 4.8 7.2#

Manual Integrations

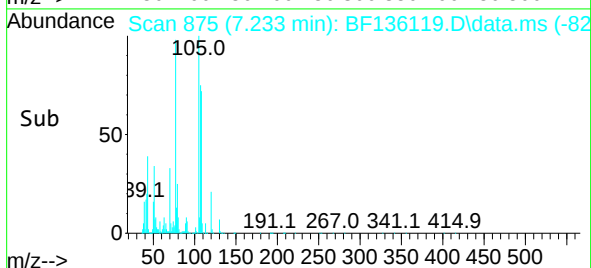
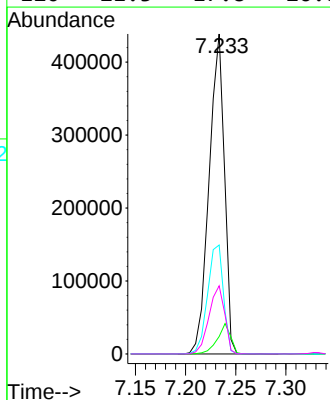
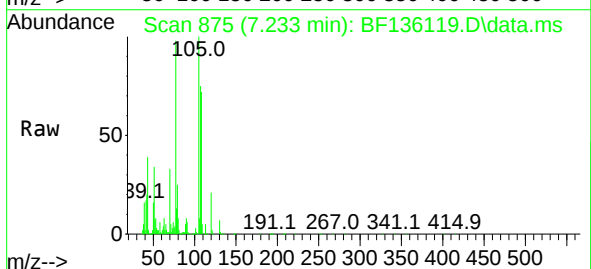
APPROVED

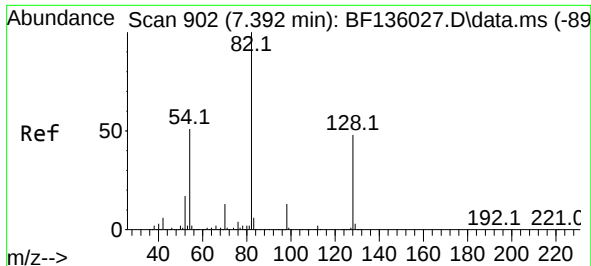
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#22
Acetophenone
Concen: 41.445 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Tgt Ion:105 Resp: 466432
Ion Ratio Lower Upper
105 100
71 5.5 6.5 9.7#
51 34.0 20.3 30.5#
120 21.3 17.8 26.8





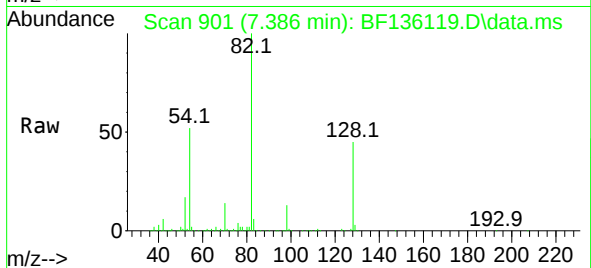
#23
Nitrobenzene-d5
Concen: 81.175 ng
RT: 7.386 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

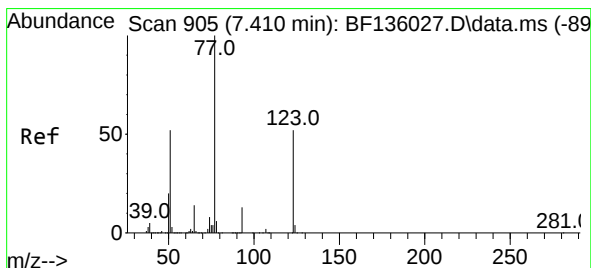
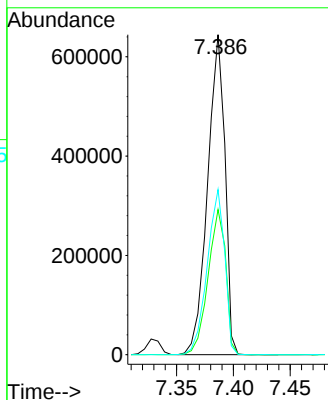
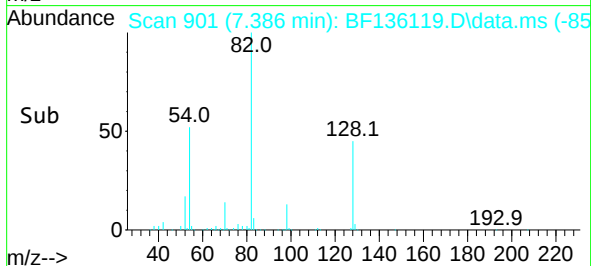
PB156798BSD



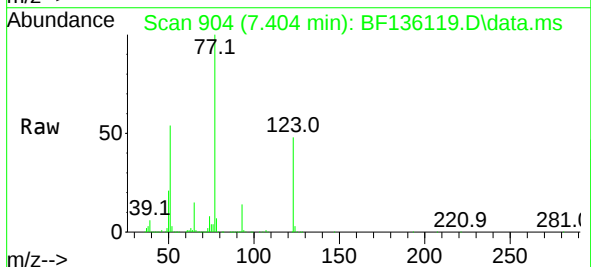
Tgt Ion: 82 Resp: 68343
Ion Ratio Lower Upper
82 100
128 45.3 38.6 57.8
54 51.6 40.8 61.2

Manual Integrations
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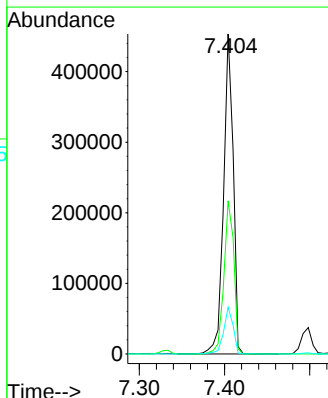
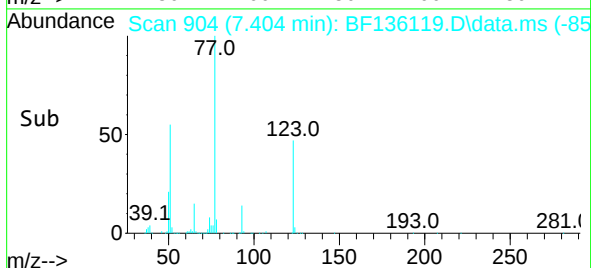
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

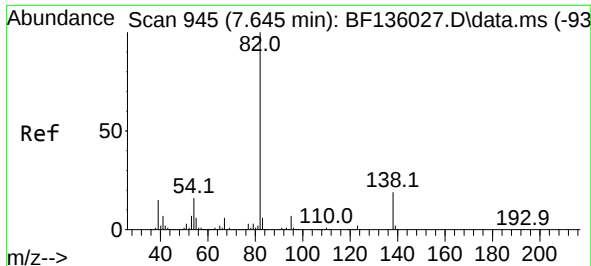


#24
Nitrobenzene
Concen: 41.717 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



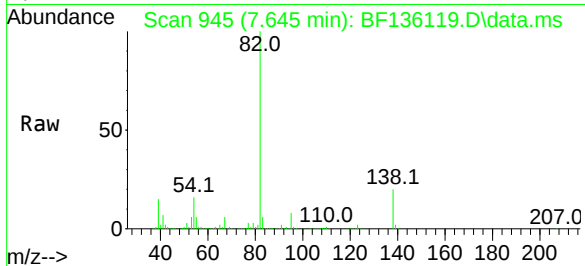
Tgt Ion: 77 Resp: 355278
Ion Ratio Lower Upper
77 100
123 47.8 42.3 63.5
65 14.6 11.0 16.6





#25
Isophorone
Concen: 41.528 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

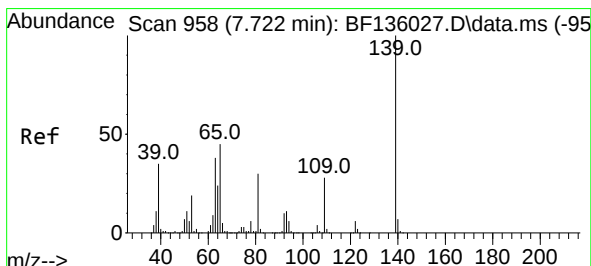
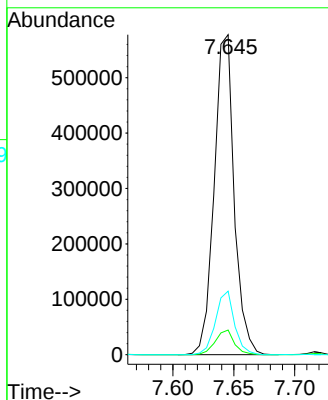
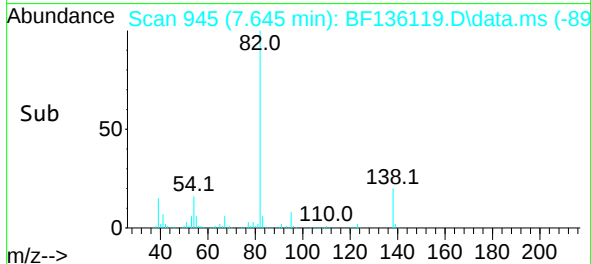
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



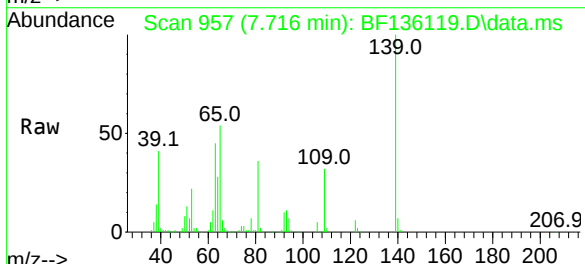
Tgt Ion: 82 Resp: 660082
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 19.8 15.3 22.9

Manual Integrations
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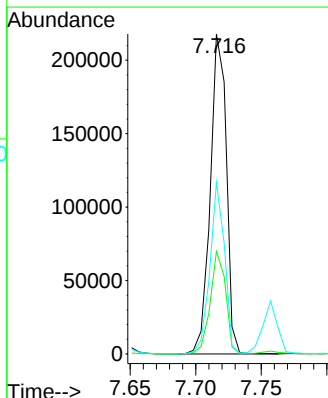
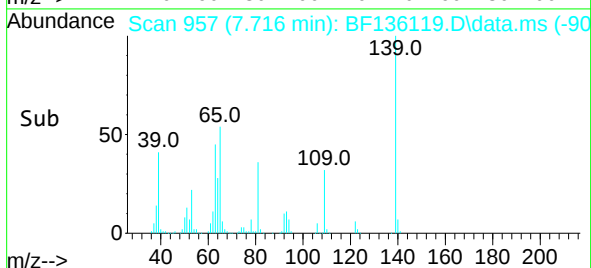
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

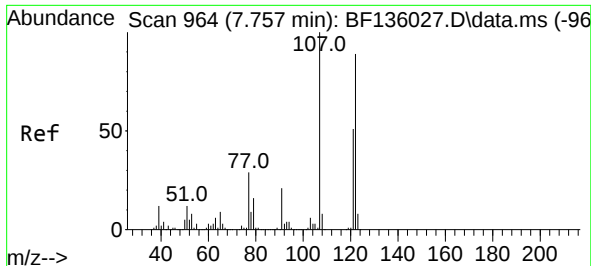


#26
2-Nitrophenol
Concen: 47.795 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



Tgt Ion:139 Resp: 185709
Ion Ratio Lower Upper
139 100
109 32.1 22.6 34.0
65 53.5 36.3 54.5





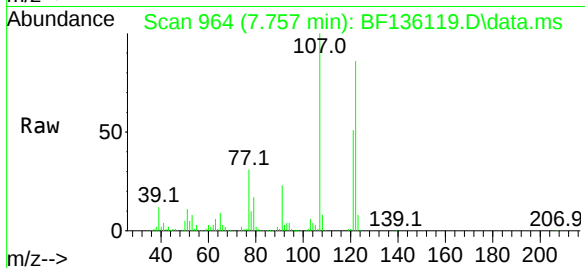
#27
2,4-Dimethylphenol
Concen: 39.569 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD

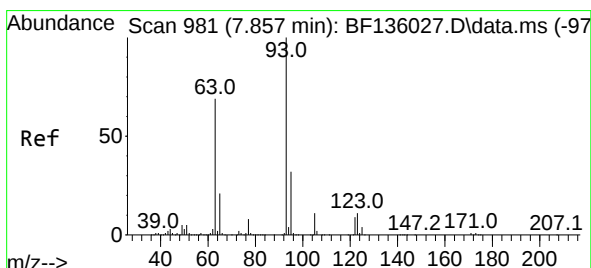
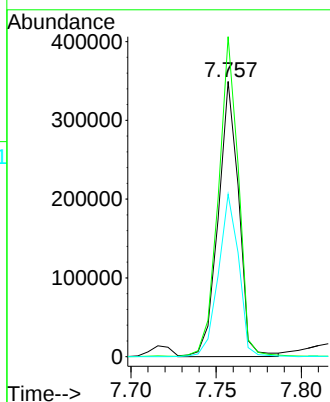
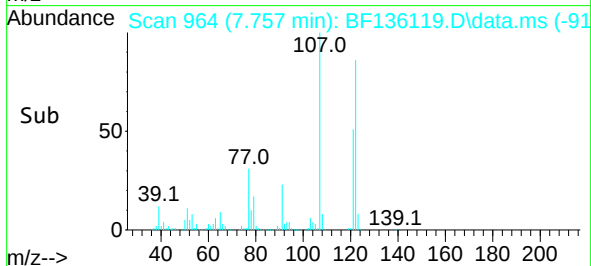


Tgt Ion:122 Resp: 290532
Ion Ratio Lower Upper
122 100
107 116.2 89.6 134.4
121 59.0 46.0 69.0

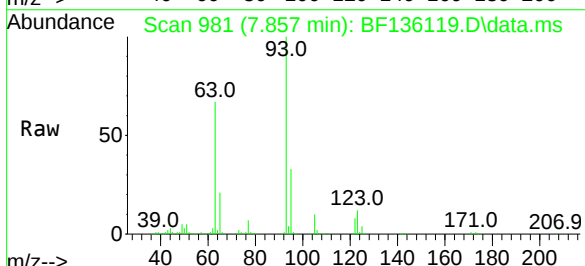
Manual Integrations

APPROVED

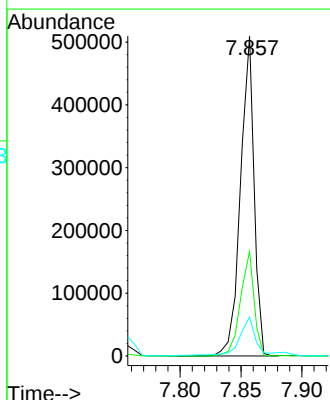
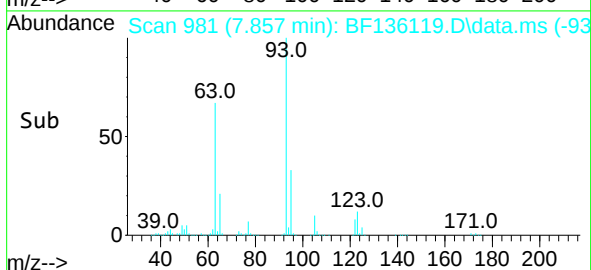
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.601 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



Tgt Ion: 93 Resp: 395409
Ion Ratio Lower Upper
93 100
95 32.7 25.7 38.5
123 12.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.369 ng

RT: 7.957 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD

Tgt Ion:162 Resp: 30019

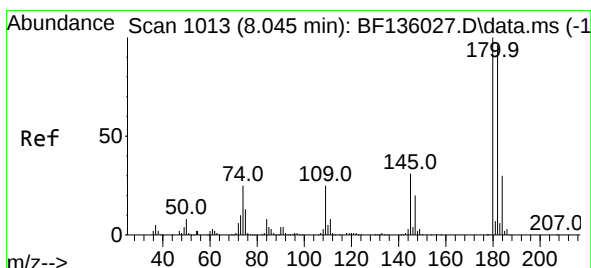
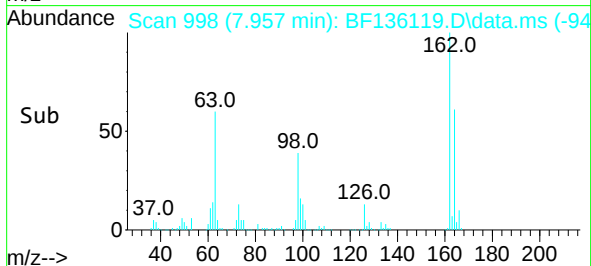
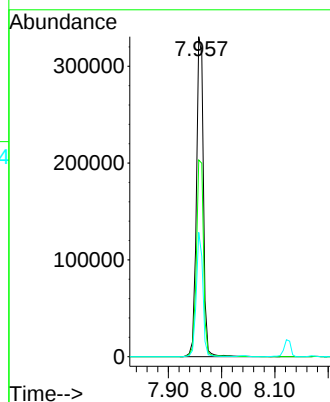
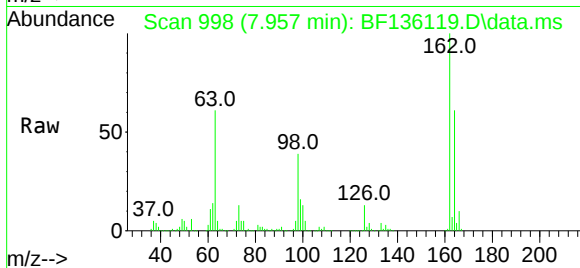
Ion	Ratio	Lower	Upper
162	100		
164	61.5	45.5	85.5
98	38.9	14.4	54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.049 ng

RT: 8.045 min Scan# 1013

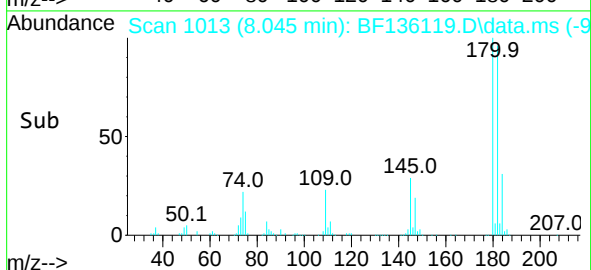
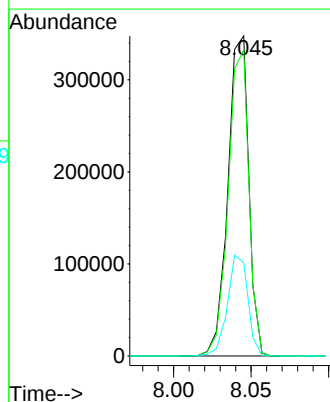
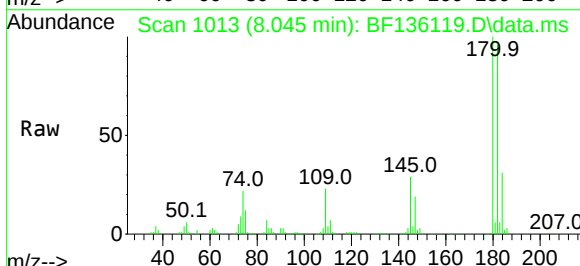
Delta R.T. 0.000 min

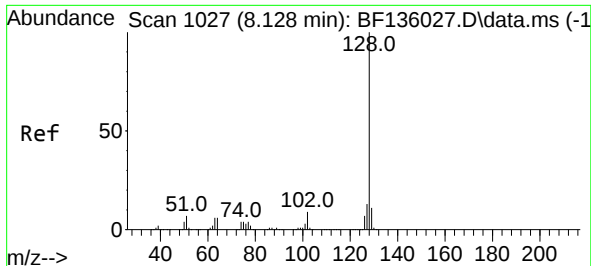
Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

Tgt Ion:180 Resp: 325066

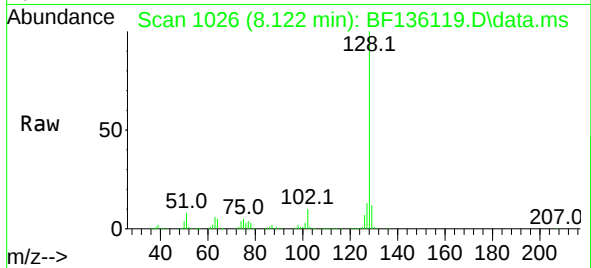
Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.9	115.3
145	29.2	24.7	37.1





#31
Naphthalene
Concen: 41.838 ng
RT: 8.122 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

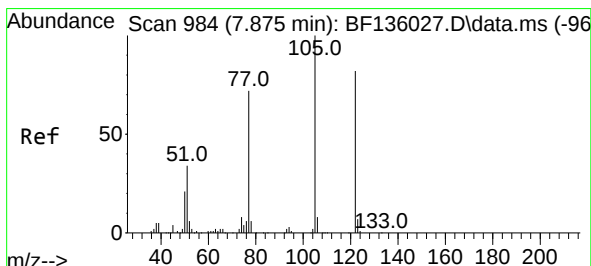
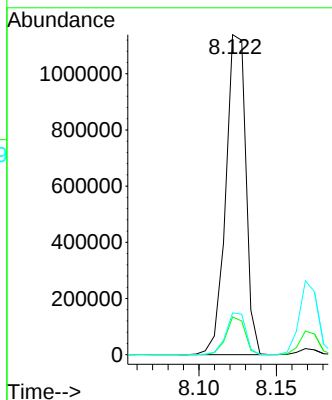
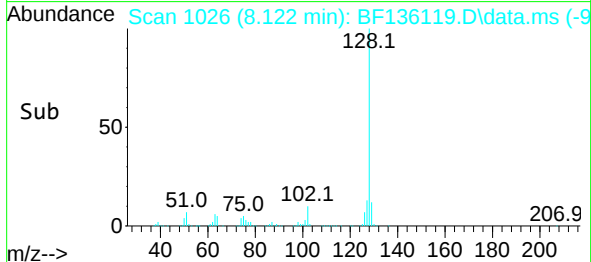
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



Tgt Ion:128 Resp: 1023950
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 13.0 10.5 15.7

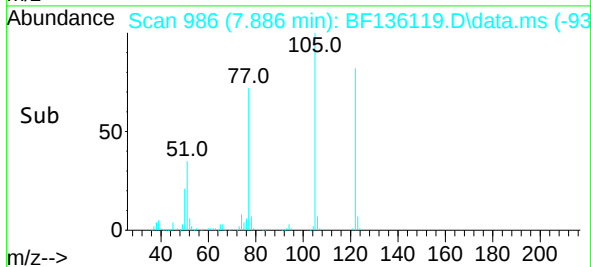
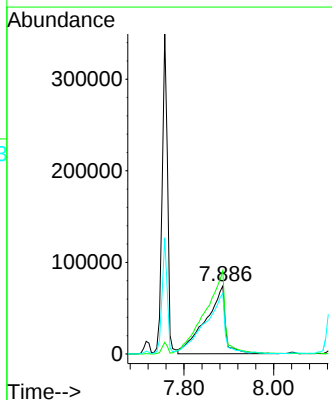
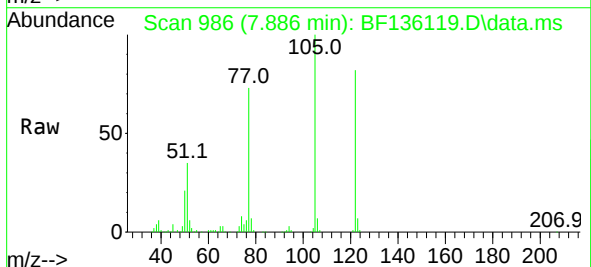
Manual Integrations
APPROVED

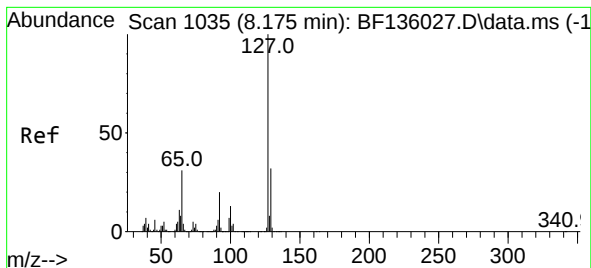
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#32
Benzoic acid
Concen: 39.976 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.011 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Tgt Ion:122 Resp: 229505
Ion Ratio Lower Upper
122 100
105 122.3 99.5 139.5
77 89.1 66.8 106.8





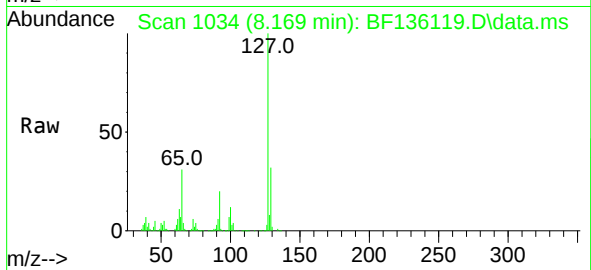
#33
4-Chloroaniline
Concen: 21.371 ng
RT: 8.169 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD

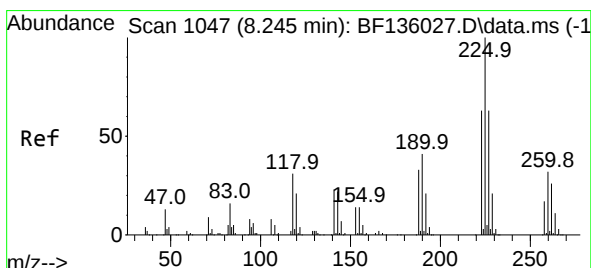
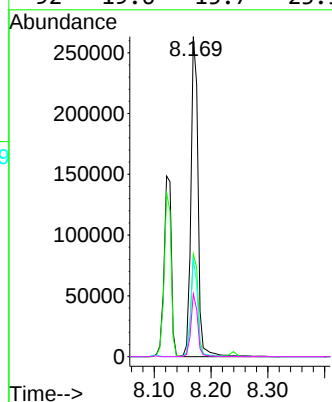
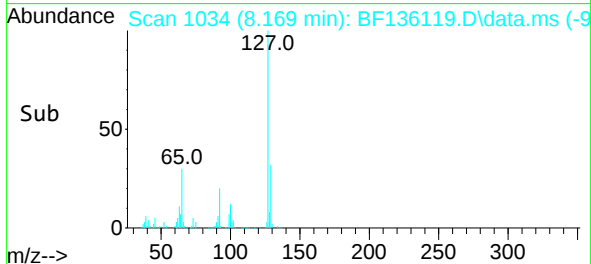


Tgt Ion:127 Resp: 229059
Ion Ratio Lower Upper
127 100
129 32.1 25.9 38.9
65 30.6 24.6 37.0
92 19.6 15.7 23.5

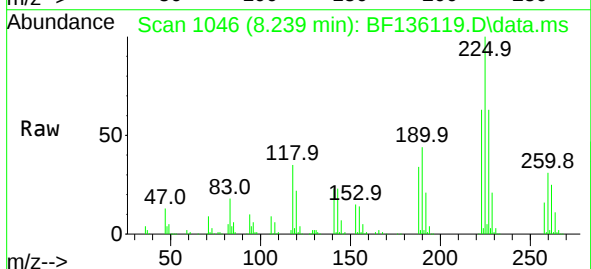
Manual Integrations

APPROVED

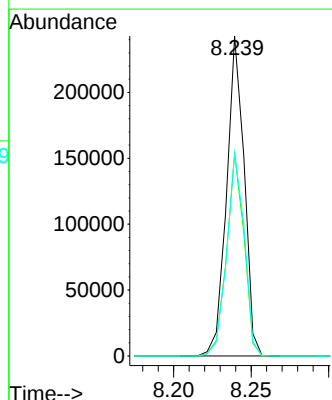
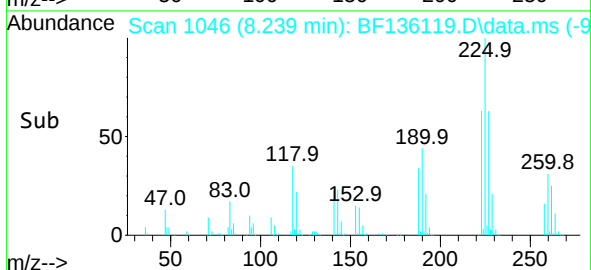
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

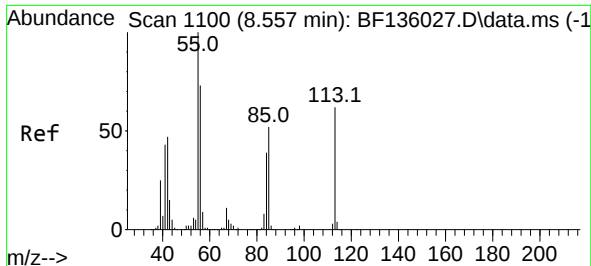


#34
Hexachlorobutadiene
Concen: 44.132 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



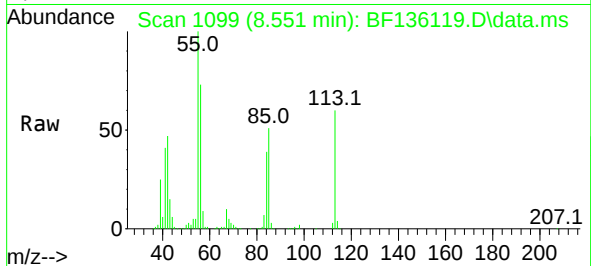
Tgt Ion:225 Resp: 191108
Ion Ratio Lower Upper
225 100
223 63.2 50.3 75.5
227 63.5 50.6 75.8





#35
 Caprolactam
 Concen: 47.573 ng m
 RT: 8.551 min Scan# 1099
 Delta R.T. -0.006 min
 Lab File: BF136119.D
 Acq: 03 Nov 2023 12:27

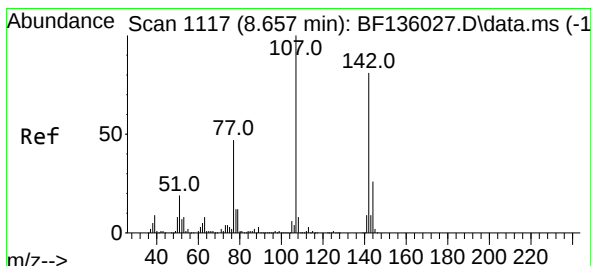
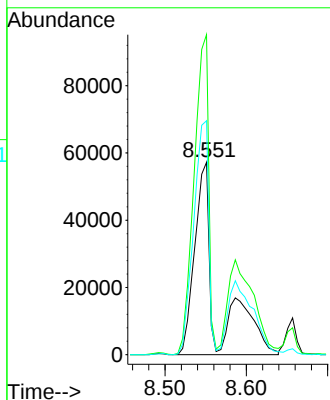
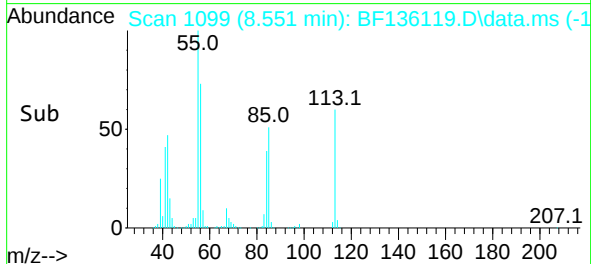
Instrument :
 BNA_F
 ClientSampleId :
 PB156798BSD



Tgt Ion:113 Resp: 107074
 Ion Ratio Lower Upper
 113 100
 55 166.4 142.2 182.2
 56 121.6 97.7 137.7

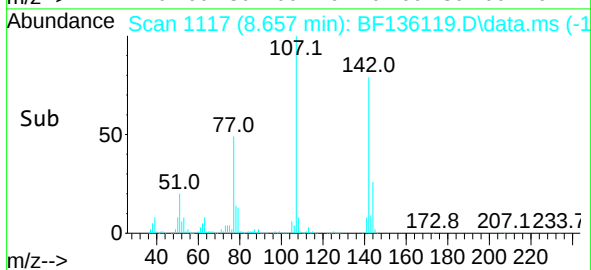
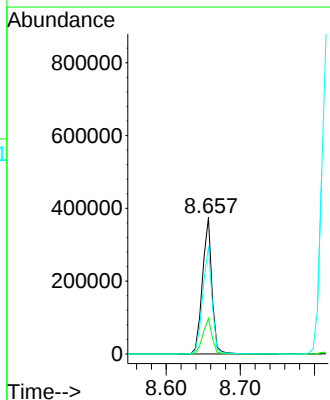
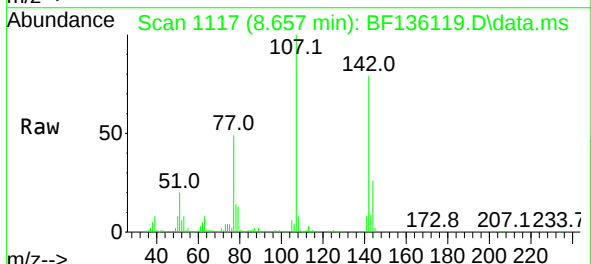
Manual Integrations
 APPROVED

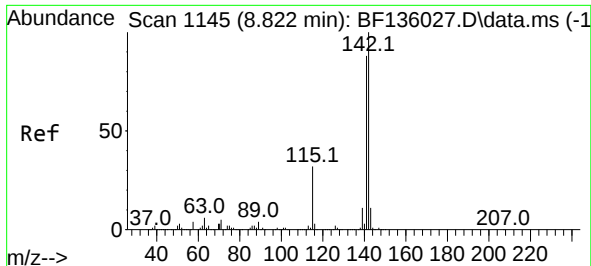
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023



#36
 4-Chloro-3-methylphenol
 Concen: 45.637 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: BF136119.D
 Acq: 03 Nov 2023 12:27

Tgt Ion:107 Resp: 331638
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 31.0
 142 78.7 64.6 97.0





#37
2-Methylnaphthalene
Concen: 42.916 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

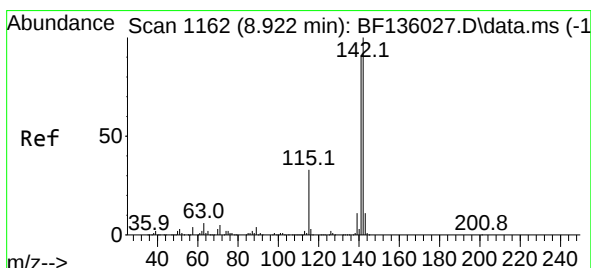
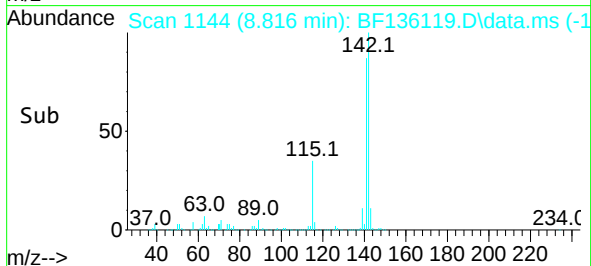
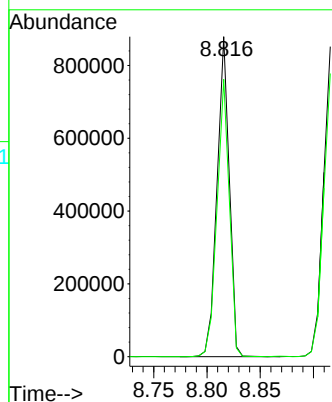
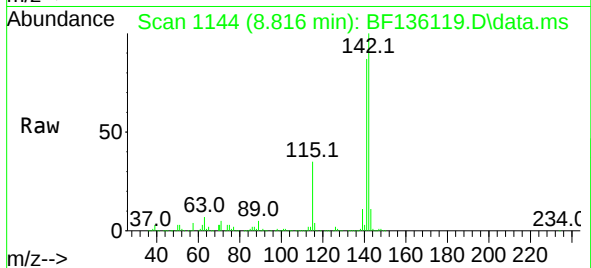
PB156798BSD

Tgt Ion:142 Resp: 704272
Ion Ratio Lower Upper
142 100
141 86.6 70.4 105.6

Manual Integrations

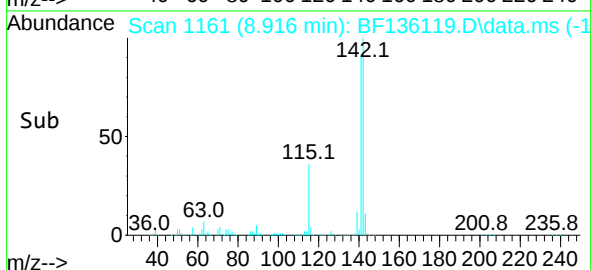
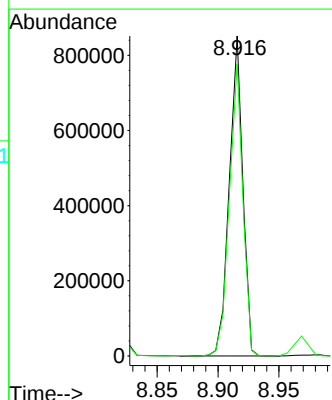
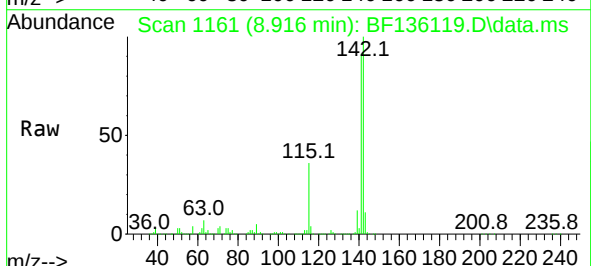
APPROVED

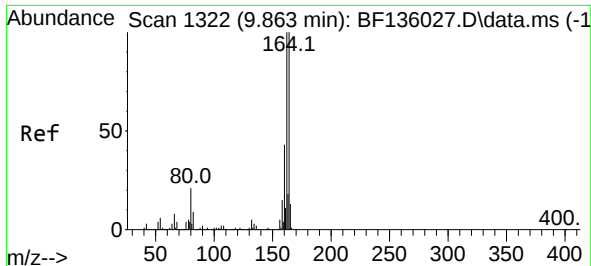
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#38
1-Methylnaphthalene
Concen: 43.276 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Tgt Ion:142 Resp: 660900
Ion Ratio Lower Upper
142 100
141 91.3 72.6 109.0





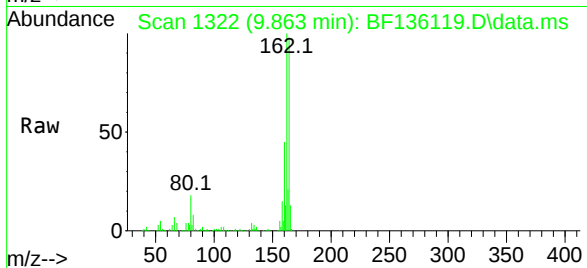
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD



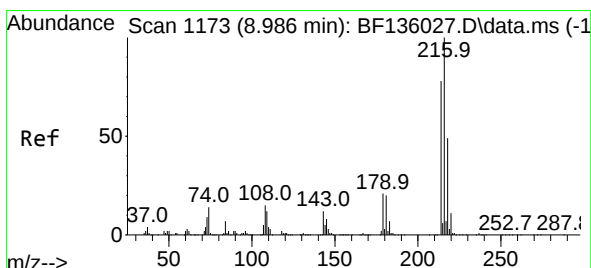
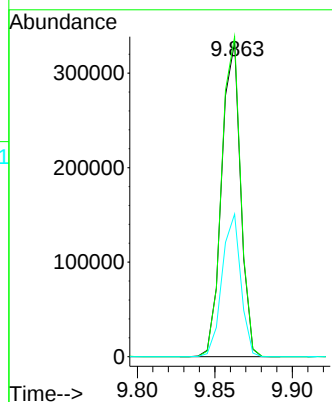
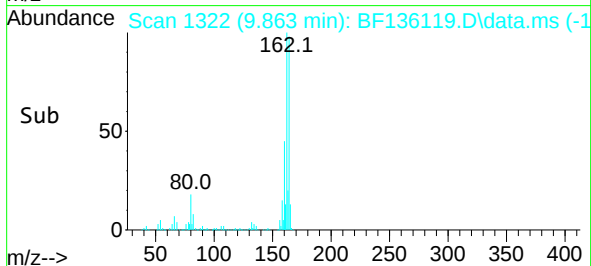
Tgt Ion:164 Resp: 282593
Ion Ratio Lower Upper
164 100
162 101.8 80.1 120.1
160 45.3 34.8 52.2

Manual Integrations

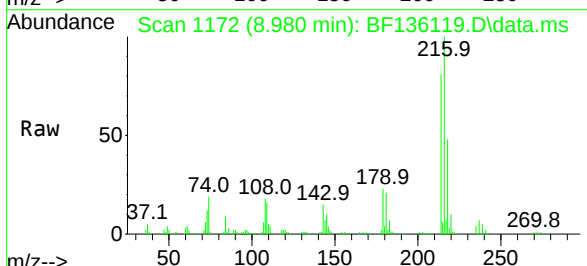
APPROVED

Reviewed By :Yogesh Patel 11/04/2023

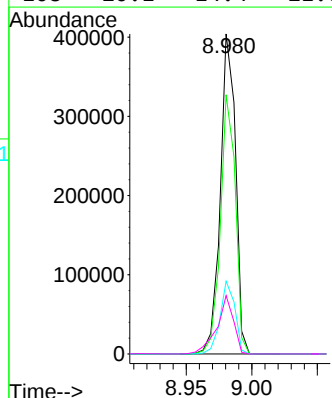
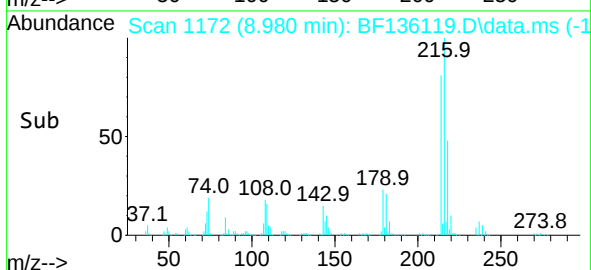
Supervised By :mohammad ahmed 11/04/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.238 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



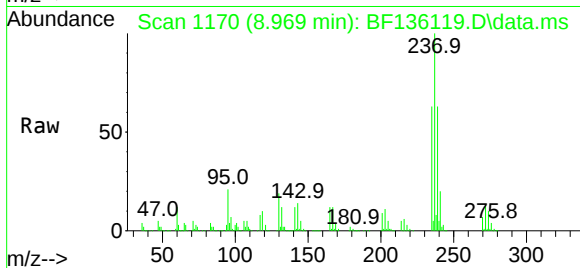
Tgt Ion:216 Resp: 324292
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.6
179 22.3 17.5 26.3
108 20.1 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 81.579 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

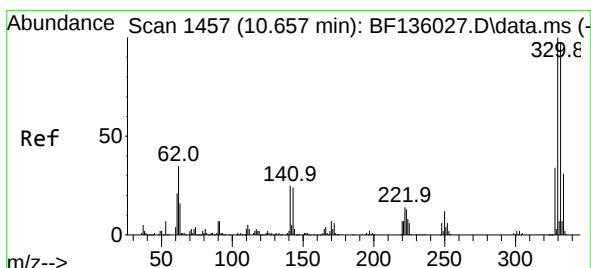
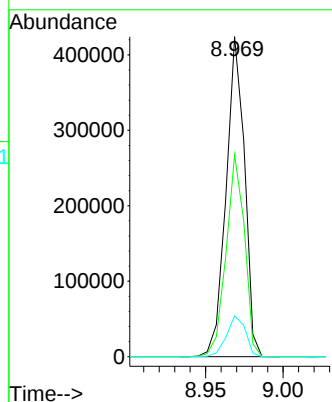
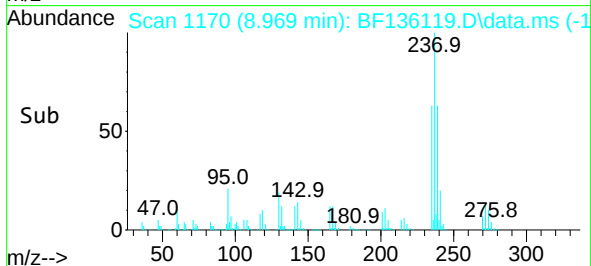
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



Tgt Ion: 237 Resp: 351252
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 12.8 0.0 34.2

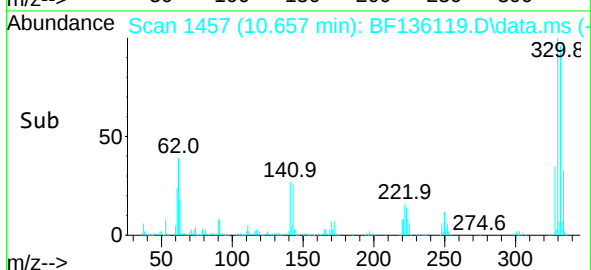
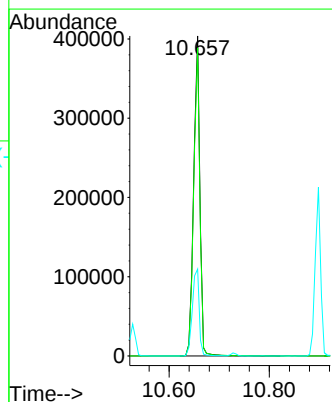
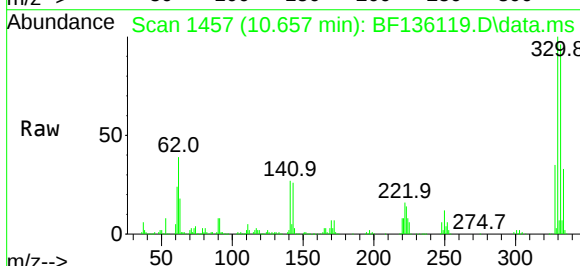
Manual Integrations
APPROVED

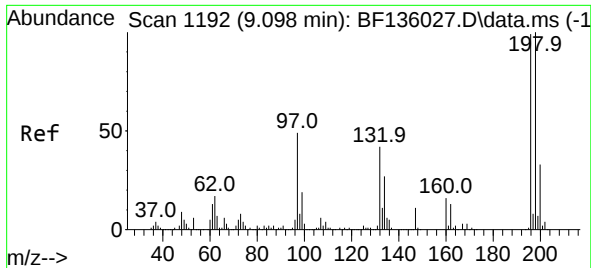
Reviewed By : Yogesh Patel 11/04/2023
Supervised By : mohammad ahmed 11/04/2023



#42
2,4,6-Tribromophenol
Concen: 114.610 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

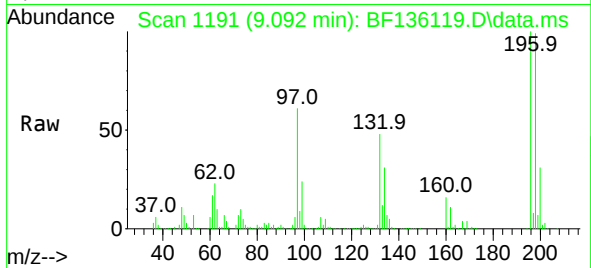
Tgt Ion: 330 Resp: 345703
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 30.3 23.2 34.8





#43
2,4,6-Trichlorophenol
Concen: 42.708 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

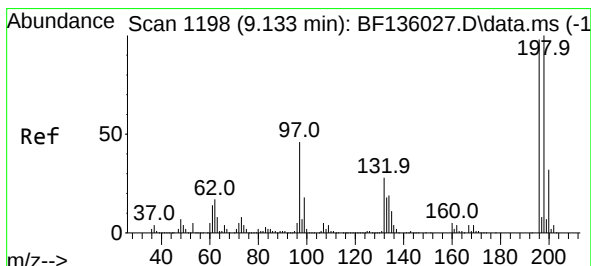
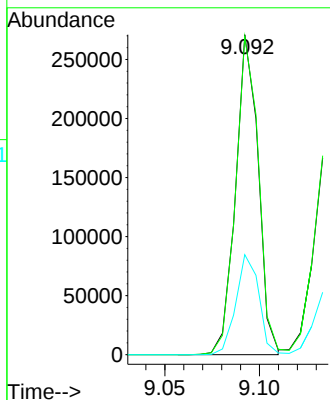
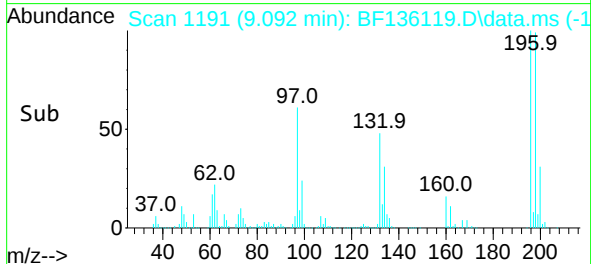
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



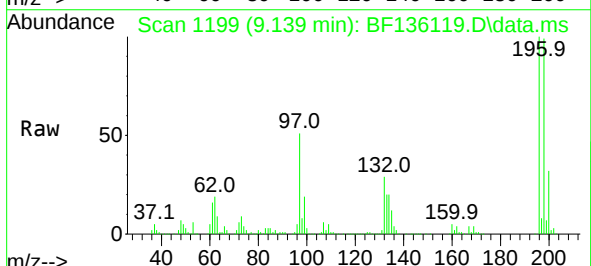
Tgt Ion:196 Resp: 224424
Ion Ratio Lower Upper
196 100
198 99.4 80.7 121.1
200 31.3 26.8 40.2

Manual Integrations
APPROVED

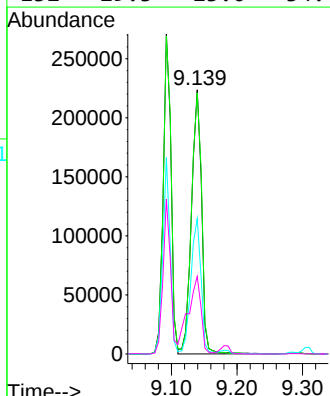
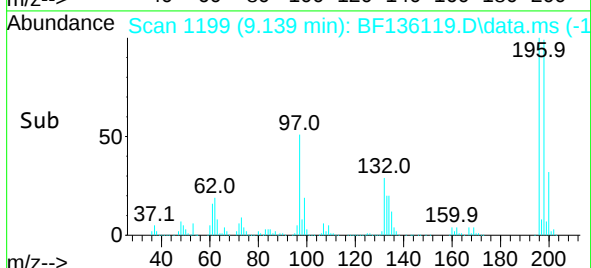
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

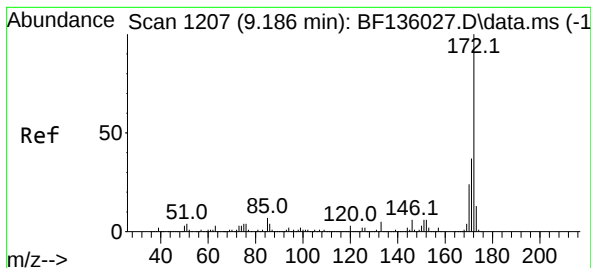


#44
2,4,5-Trichlorophenol
Concen: 39.446 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



Tgt Ion:196 Resp: 240110
Ion Ratio Lower Upper
196 100
198 98.9 81.6 122.4
97 51.3 38.2 57.2
132 29.3 23.0 34.4





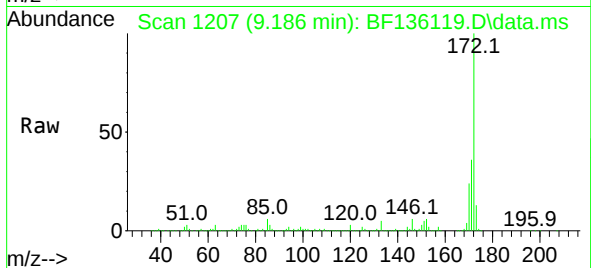
#45
2-Fluorobiphenyl
Concen: 75.798 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD



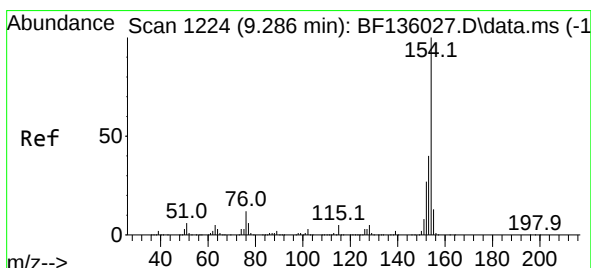
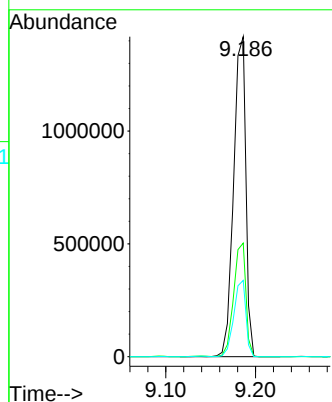
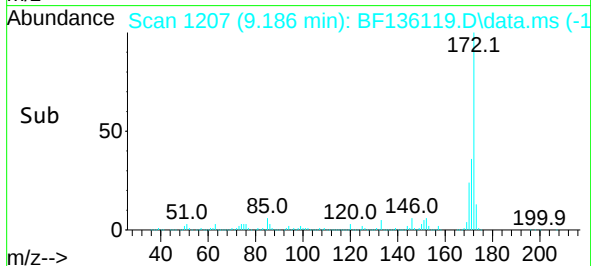
Tgt Ion:172 Resp: 134369
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.9 19.3 28.9

Manual Integrations

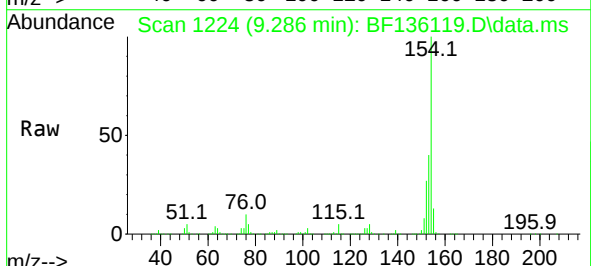
APPROVED

Reviewed By :Yogesh Patel 11/04/2023

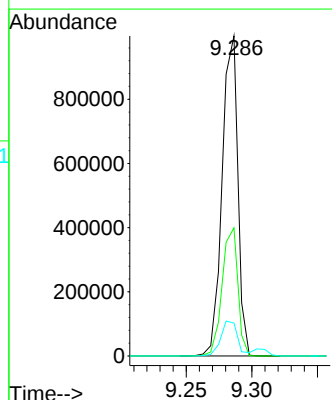
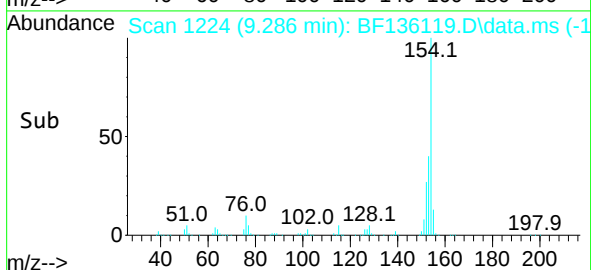
Supervised By :mohammad ahmed 11/04/2023

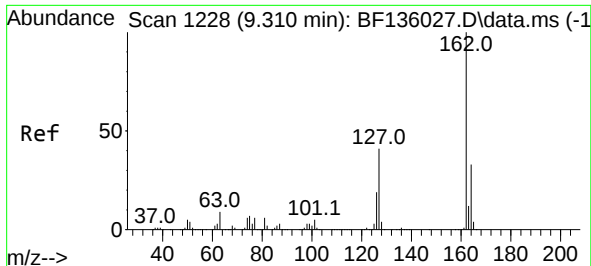


#46
1,1'-Biphenyl
Concen: 38.432 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



Tgt Ion:154 Resp: 827920
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 10.3 0.0 32.5





#47

2-Chloronaphthalene

Concen: 40.132 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD

Tgt Ion:162 Resp: 637338

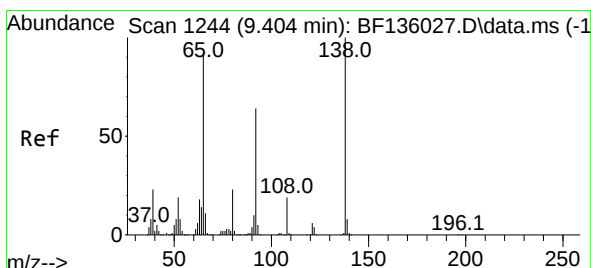
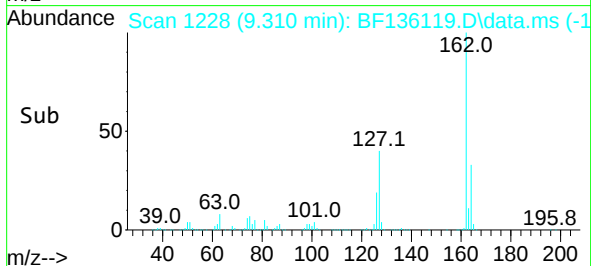
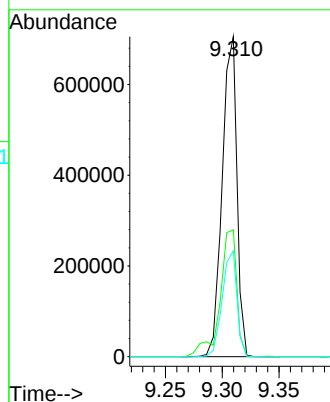
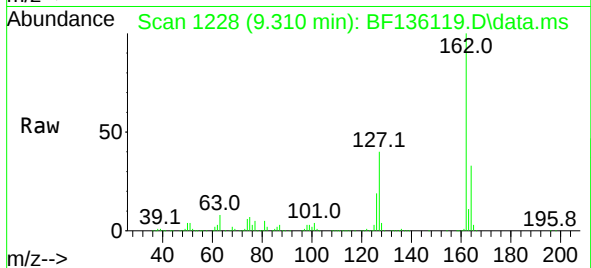
Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.4	48.6
164	33.0	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#48

2-Nitroaniline

Concen: 42.805 ng

RT: 9.404 min Scan# 1244

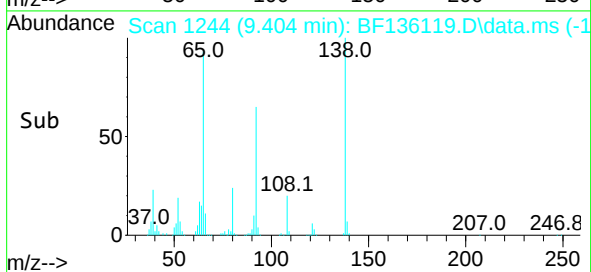
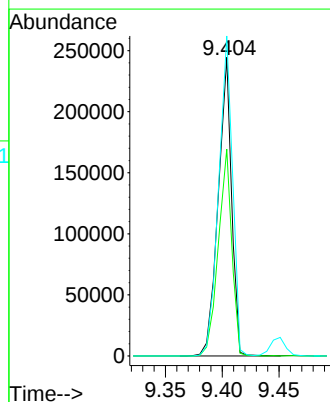
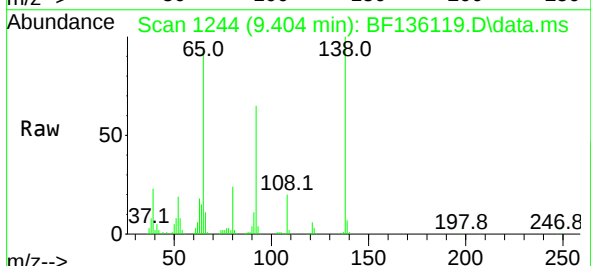
Delta R.T. 0.000 min

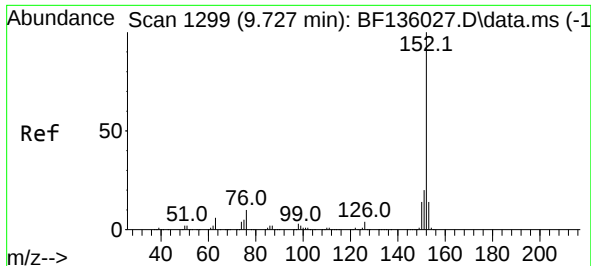
Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

Tgt Ion: 65 Resp: 201181

Ion	Ratio	Lower	Upper
65	100		
92	69.3	55.7	83.5
138	107.2	86.8	130.2





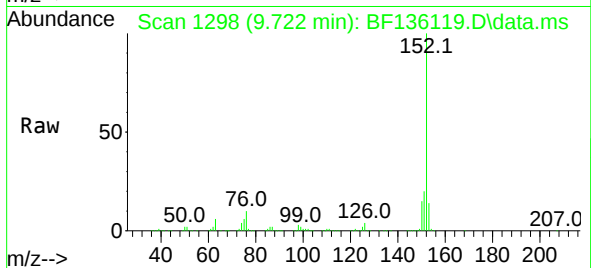
#49
Acenaphthylene
Concen: 40.814 ng
RT: 9.722 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD



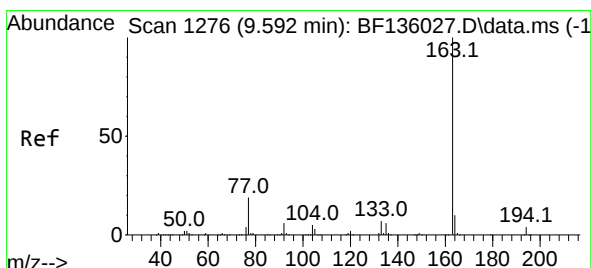
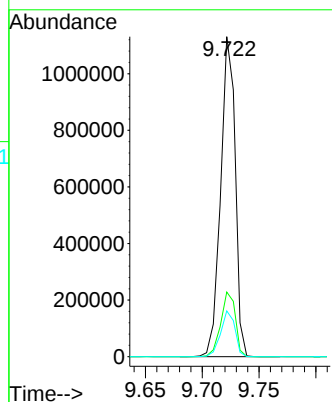
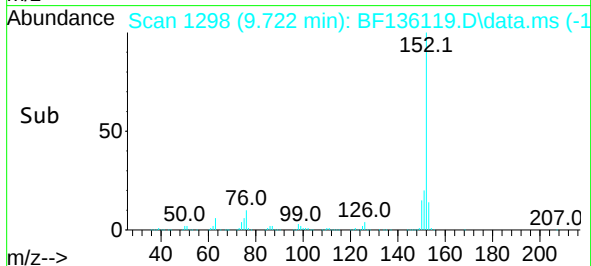
Tgt Ion:152 Resp: 1011160
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 14.3 11.4 17.2

Manual Integrations

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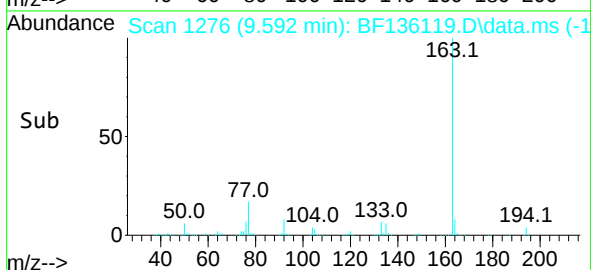
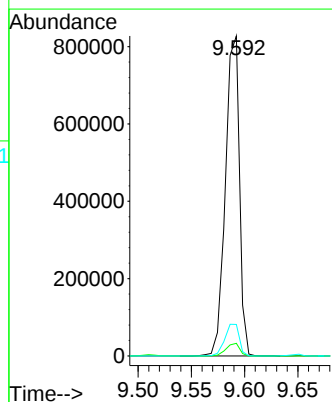
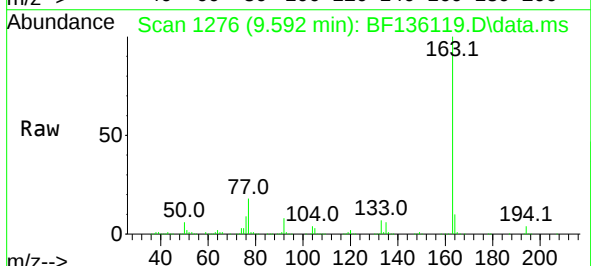
Reviewed By :Yogesh Patel 11/04/2023

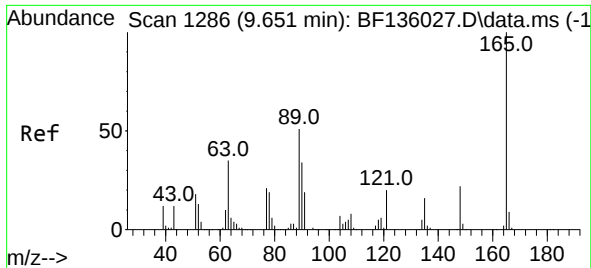
Supervised By :mohammad ahmed 11/04/2023



#50
Dimethylphthalate
Concen: 40.576 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

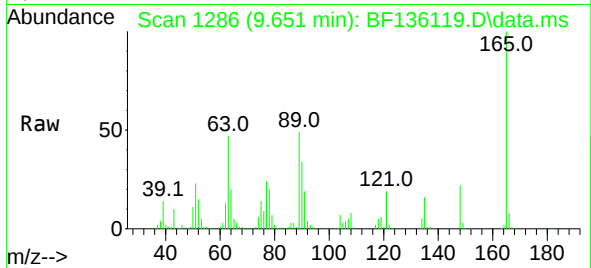
Tgt Ion:163 Resp: 756350
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.8 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.382 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

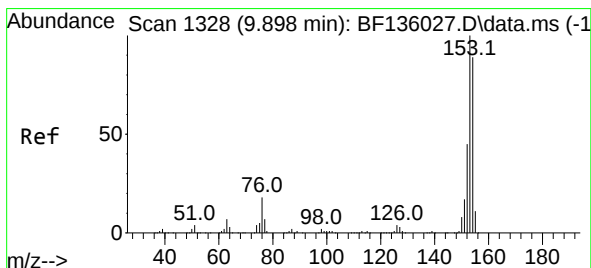
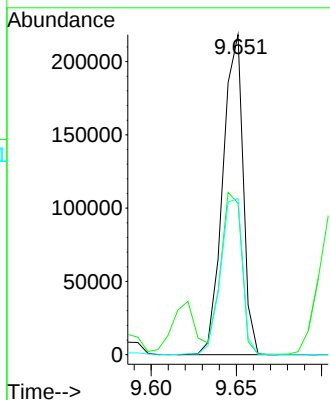
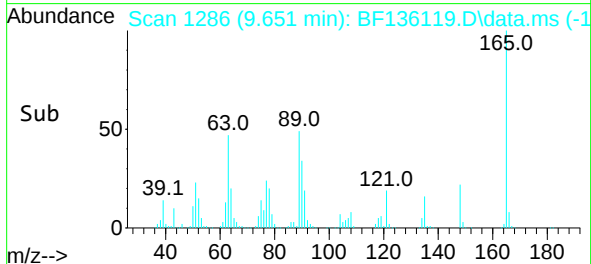
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



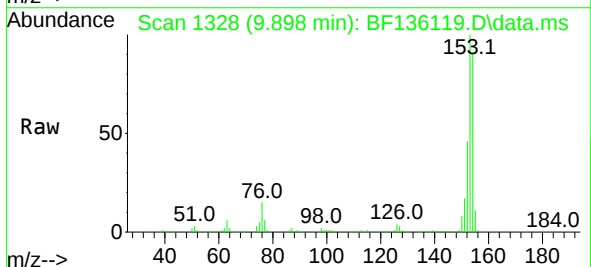
Tgt Ion:165 Resp: 180920
Ion Ratio Lower Upper
165 100
63 47.3 40.8 61.2
89 48.8 41.1 61.7

Manual Integrations
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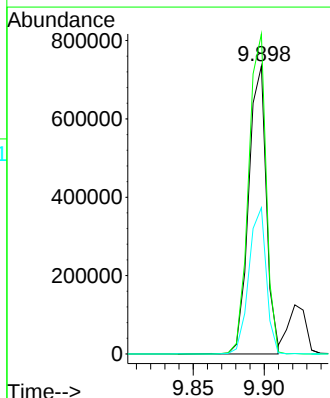
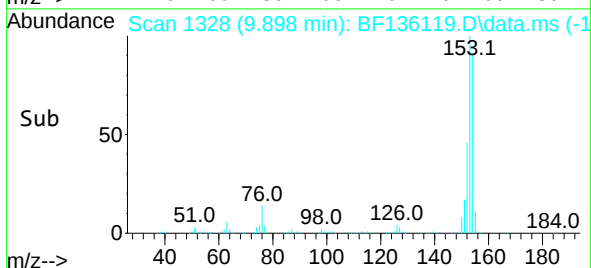
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

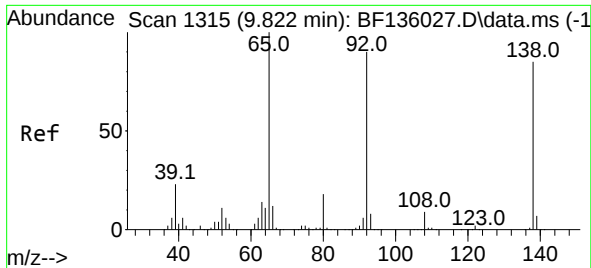


#52
Acenaphthene
Concen: 40.367 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



Tgt Ion:154 Resp: 635773
Ion Ratio Lower Upper
154 100
153 111.1 89.9 134.9
152 50.8 40.2 60.2





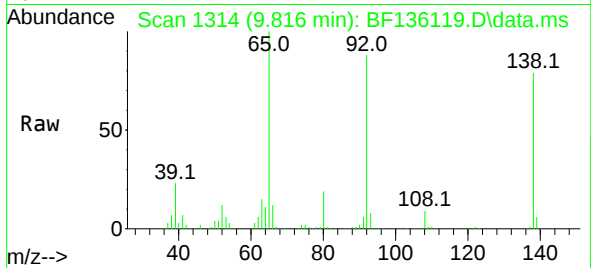
#53
3-Nitroaniline
Concen: 32.966 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

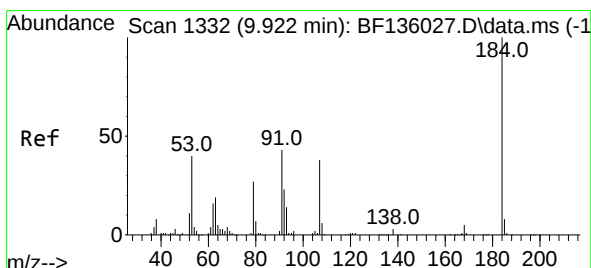
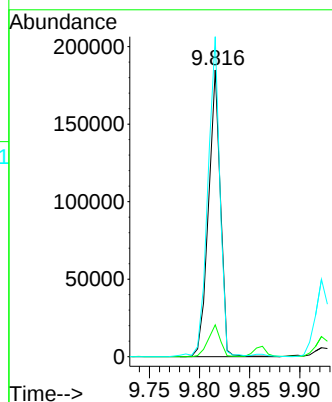
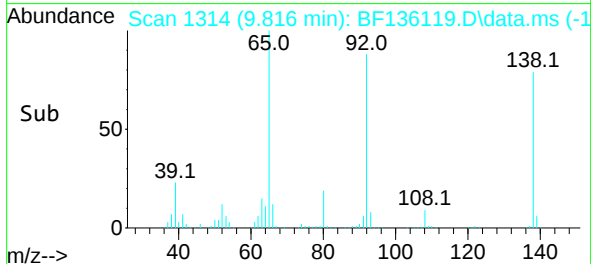
PB156798BSD



Tgt Ion:138 Resp: 15335
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 111.6 84.6 126.8

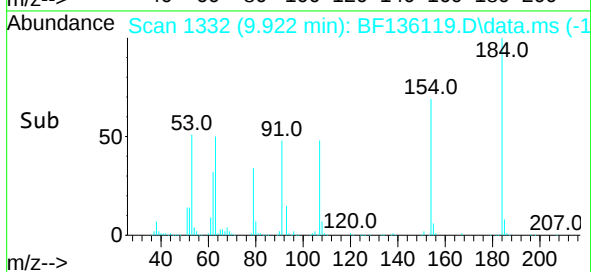
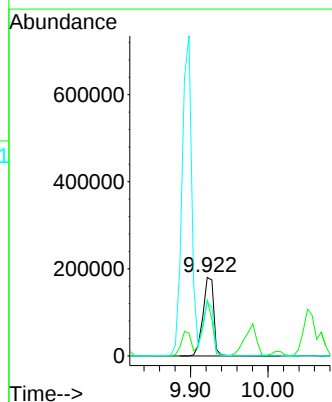
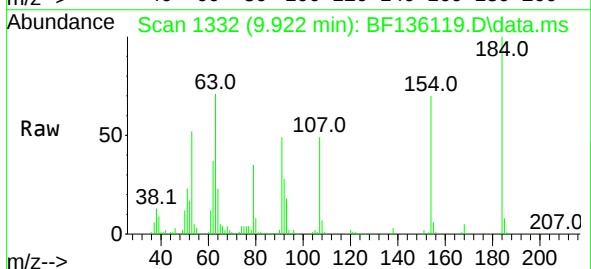
Manual Integrations
APPROVED

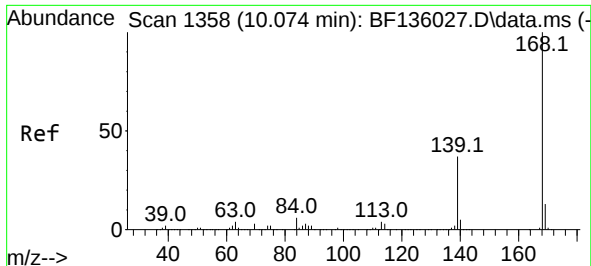
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#54
2,4-Dinitrophenol
Concen: 81.068 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

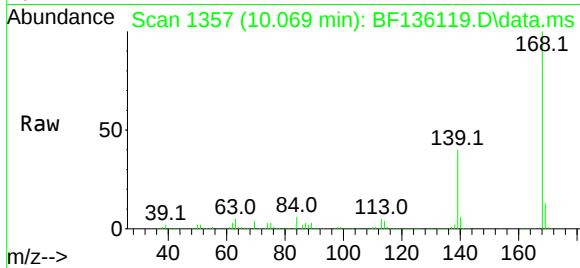
Tgt Ion:184 Resp: 175422
Ion Ratio Lower Upper
184 100
63 70.6 43.7 65.5#
154 69.6 51.2 76.8





#55
Dibenzenofuran
Concen: 37.546 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

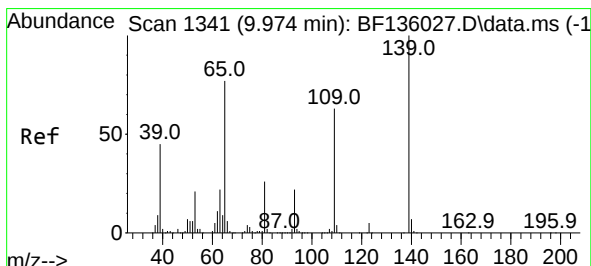
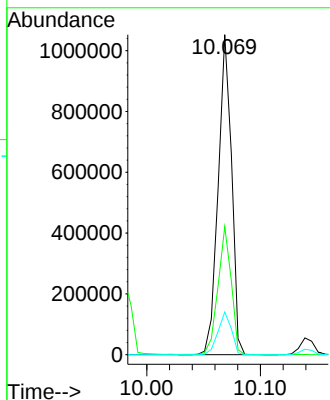
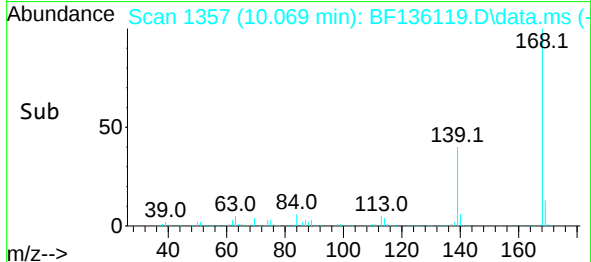
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



Tgt Ion:168 Resp: 862250
Ion Ratio Lower Upper
168 100
139 40.0 29.4 44.0
169 13.3 10.5 15.7

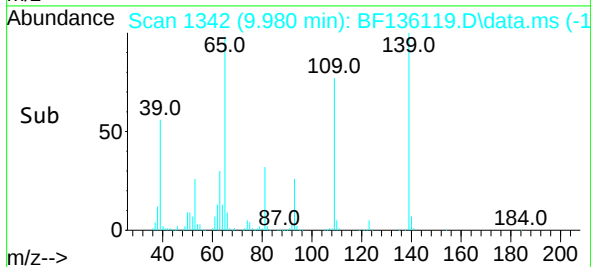
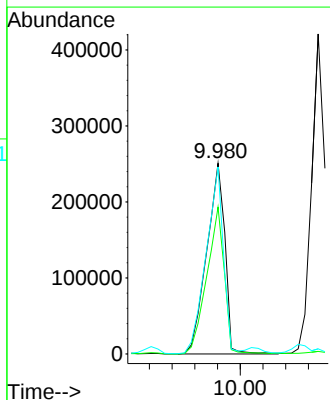
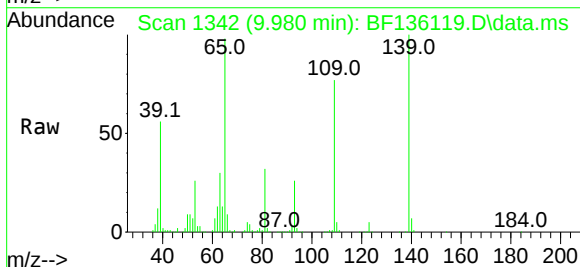
Manual Integrations
APPROVED

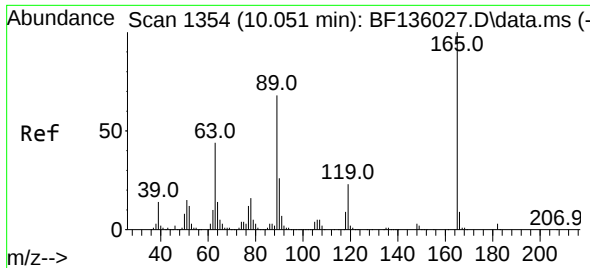
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#56
4-Nitrophenol
Concen: 80.192 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

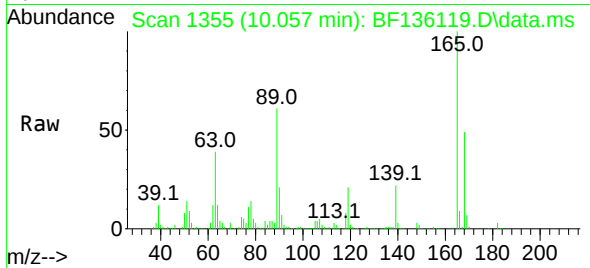
Tgt Ion:139 Resp: 279038
Ion Ratio Lower Upper
139 100
109 77.0 43.2 83.2
65 98.0 57.6 97.6#





#57
2,4-Dinitrotoluene
Concen: 44.097 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

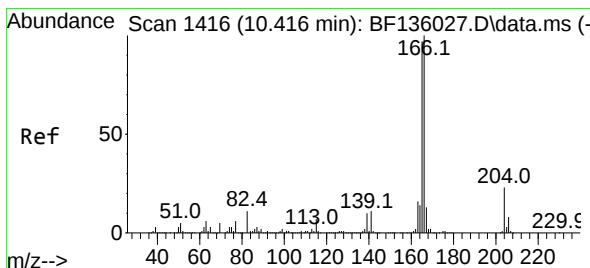
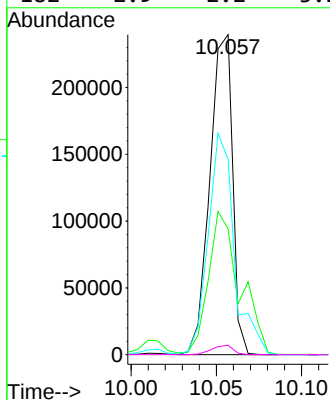
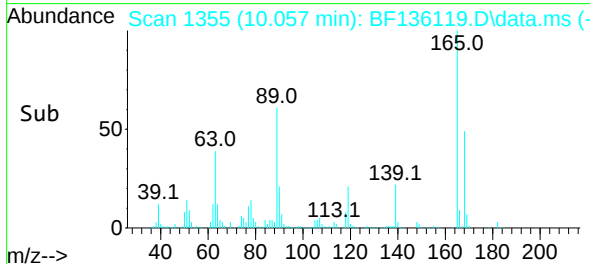
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



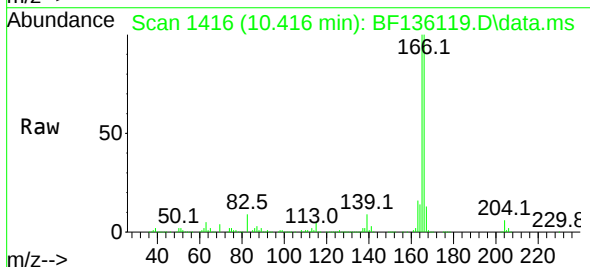
Tgt Ion:165 Resp: 222430
Ion Ratio Lower Upper
165 100
63 39.3 35.2 52.8
89 61.0 54.8 82.2
182 2.9 2.2 3.2

Manual Integrations
APPROVED

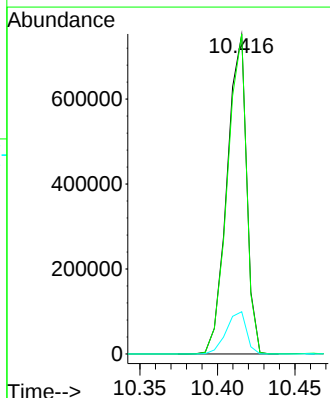
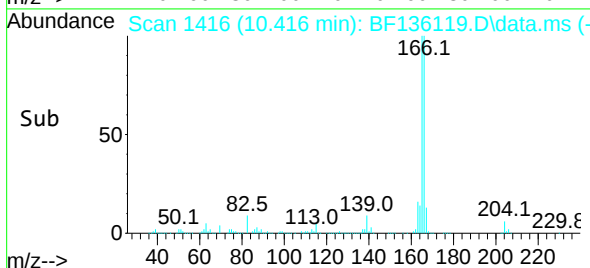
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

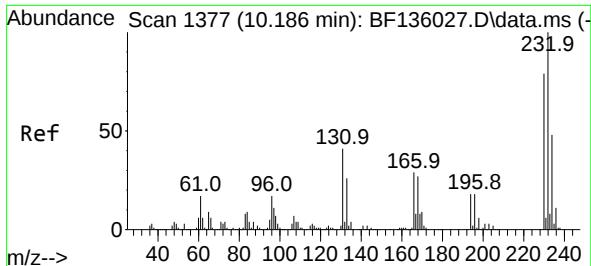


#58
Fluorene
Concen: 38.405 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



Tgt Ion:166 Resp: 660369
Ion Ratio Lower Upper
166 100
165 100.2 77.7 116.5
167 13.2 10.6 16.0





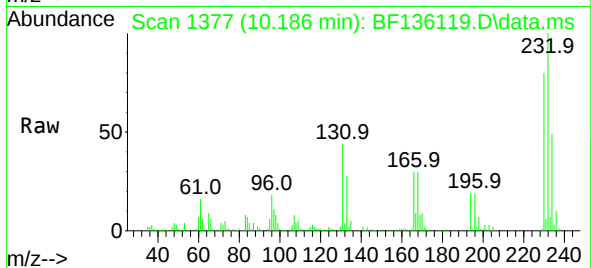
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.907 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD

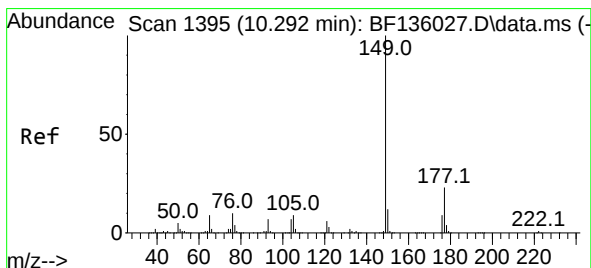
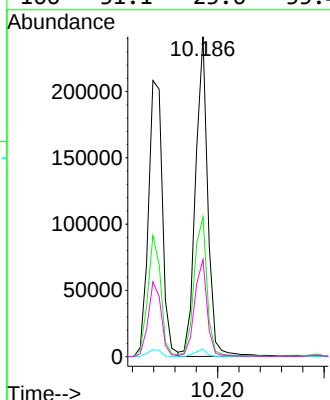
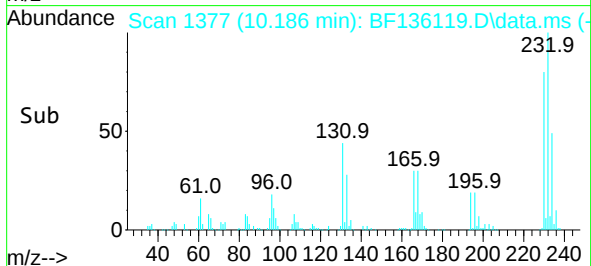


Tgt Ion:232 Resp: 193120
Ion Ratio Lower Upper
232 100
131 46.2 34.6 52.0
130 2.2 1.6 2.4
166 31.1 23.6 35.4

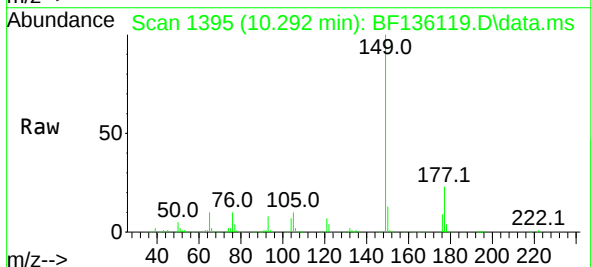
Manual Integrations

APPROVED

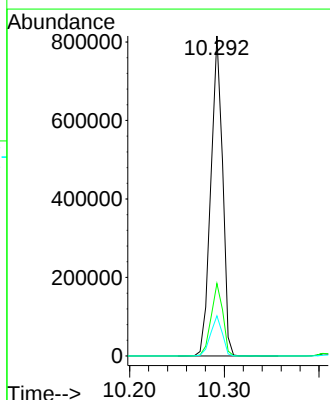
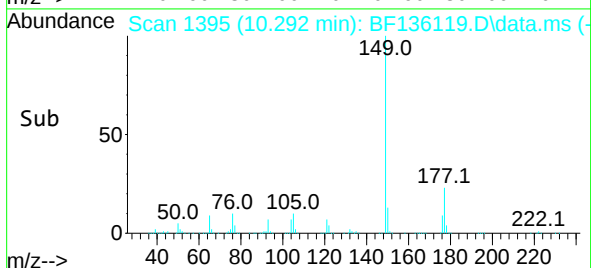
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

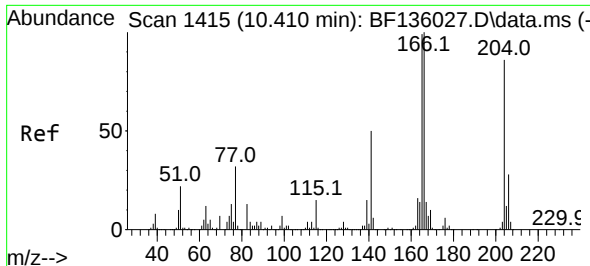


#60
Diethylphthalate
Concen: 39.123 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



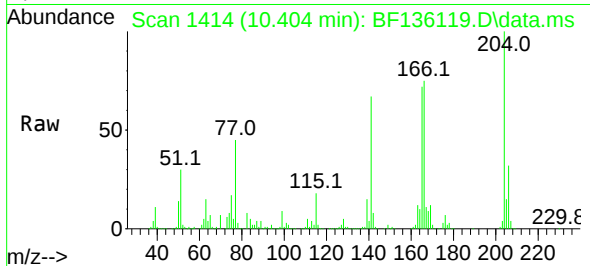
Tgt Ion:149 Resp: 696798
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.4
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 37.245 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

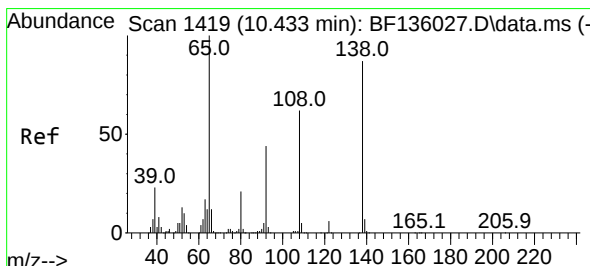
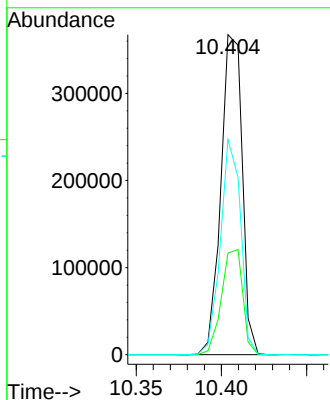
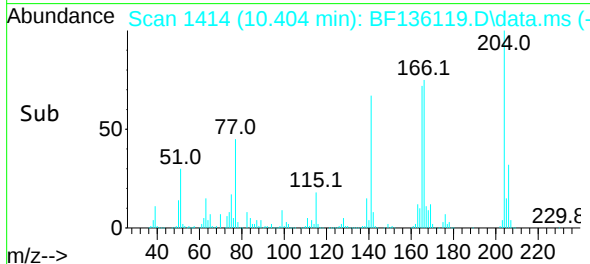
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



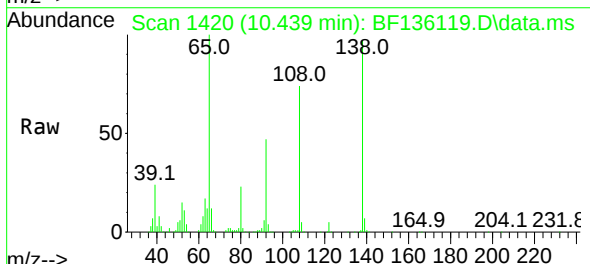
Tgt Ion:204 Resp: 319679
Ion Ratio Lower Upper
204 100
206 31.7 26.6 39.8
141 67.2 46.8 70.2

Manual Integrations
APPROVED

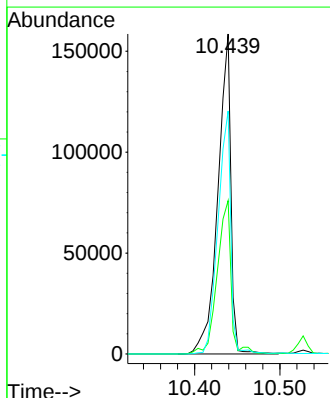
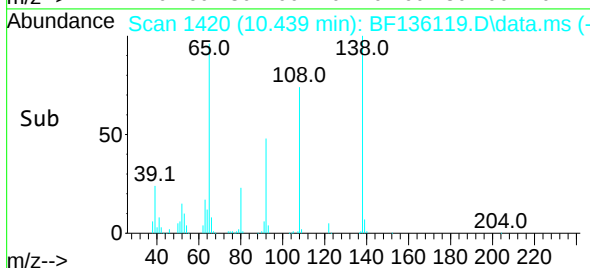
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

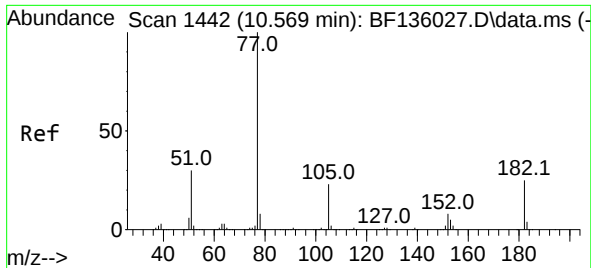


#62
4-Nitroaniline
Concen: 37.396 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



Tgt Ion:138 Resp: 167512
Ion Ratio Lower Upper
138 100
92 47.9 30.6 70.6
108 75.9 51.5 91.5





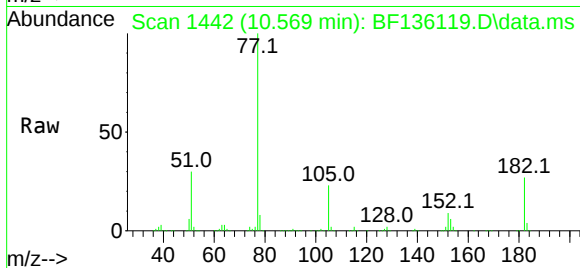
#63
Azobenzene
Concen: 37.947 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD

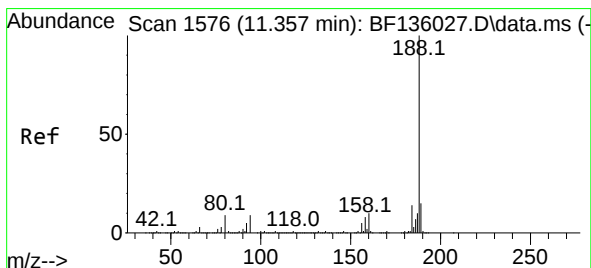
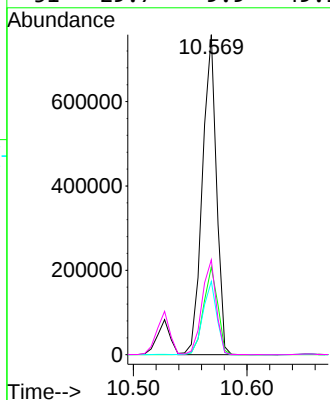
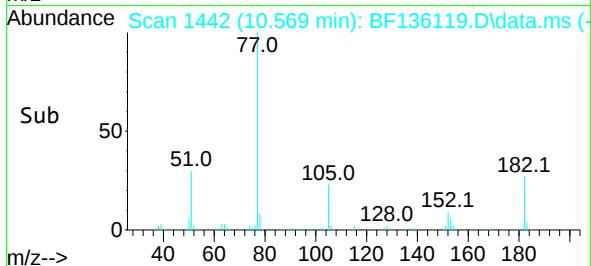


Tgt Ion: 77 Resp: 65087
Ion Ratio Lower Upper
77 100
182 27.4 5.0 45.0
105 22.9 2.6 42.6
51 29.7 9.9 49.9

Manual Integrations

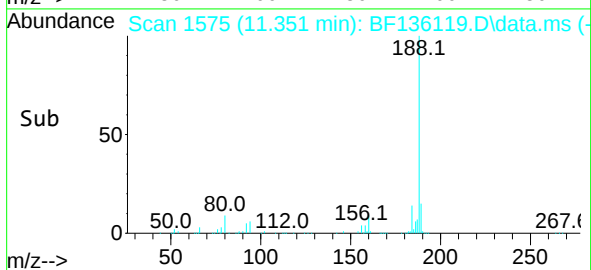
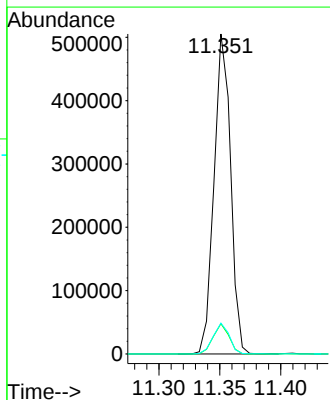
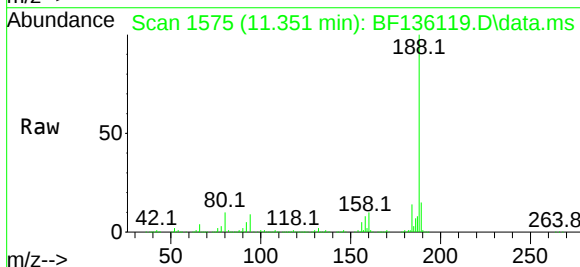
APPROVED

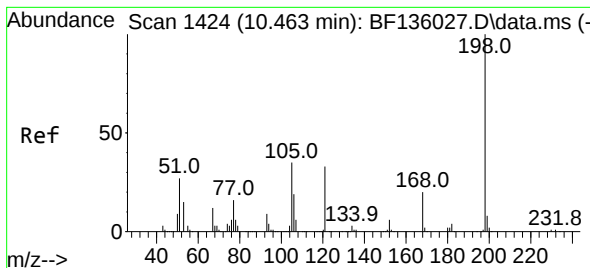
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Tgt Ion:188 Resp: 477539
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 9.7 7.4 11.0





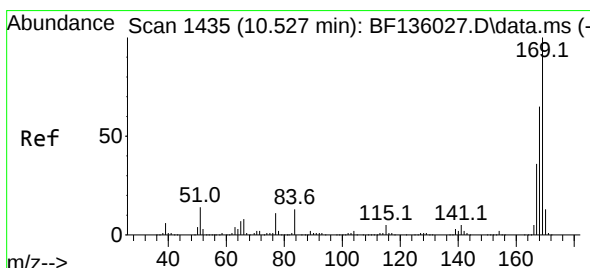
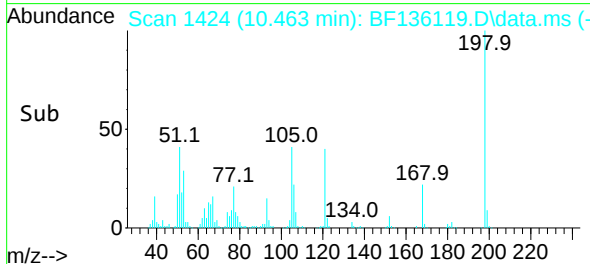
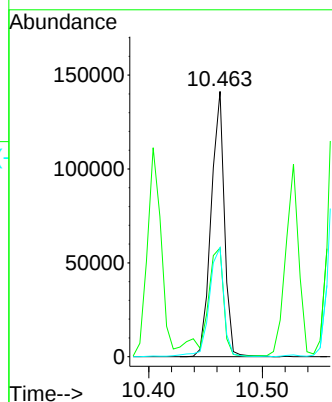
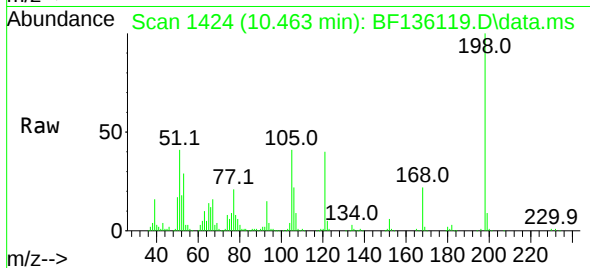
#65
4,6-Dinitro-2-methylphenol
Concen: 44.071 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB156798BSD

Tgt Ion:198 Resp: 114224
Ion Ratio Lower Upper
198 100
51 41.0 12.9 52.9
105 41.1 16.0 56.0

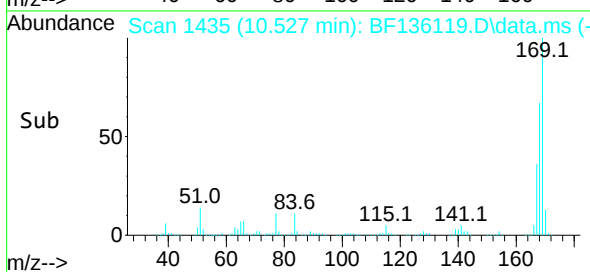
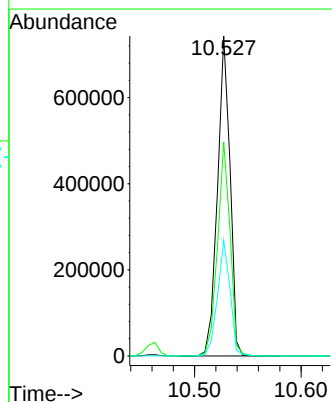
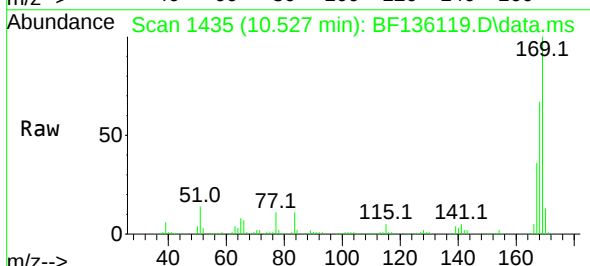
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#66
n-Nitrosodiphenylamine
Concen: 42.124 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Tgt Ion:169 Resp: 606825
Ion Ratio Lower Upper
169 100
168 66.9 52.2 78.2
167 36.2 28.7 43.1





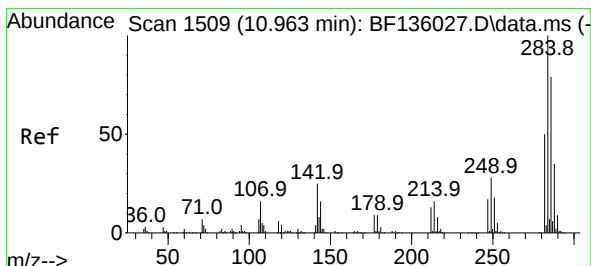
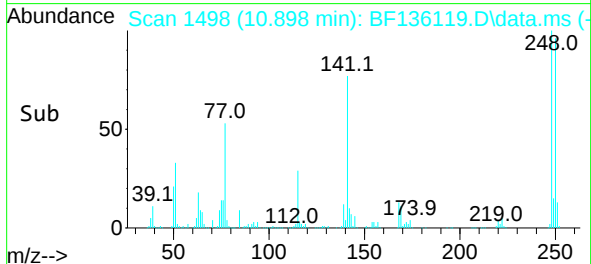
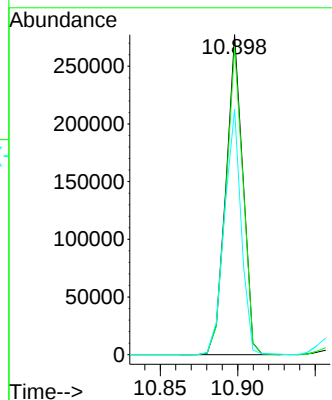
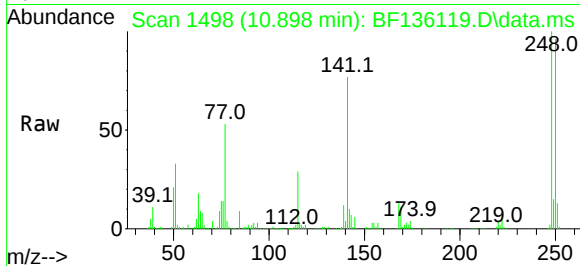
#67
4-Bromophenyl-phenylether
Concen: 42.334 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB156798BSD

Tgt Ion:248 Resp: 21195
Ion Ratio Lower Upper
248 100
250 96.3 77.6 116.4
141 76.8 50.4 75.6

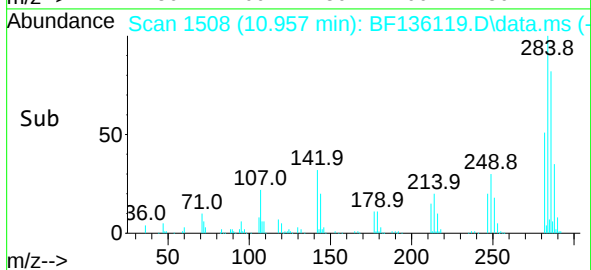
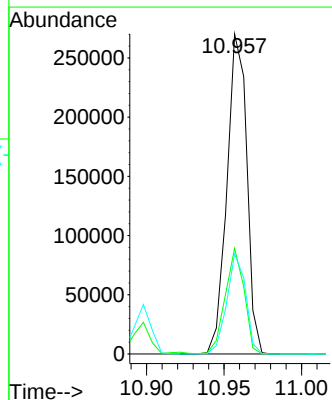
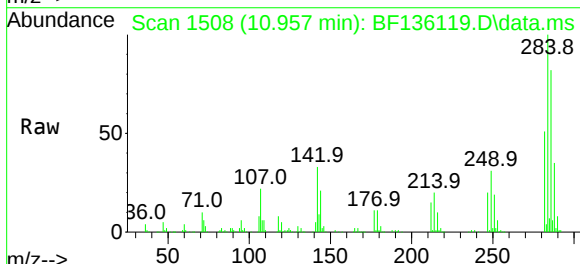
Manual Integrations
APPROVED

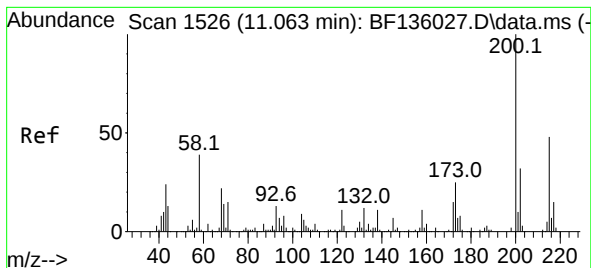
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#68
Hexachlorobenzene
Concen: 45.057 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

Tgt Ion:284 Resp: 240930
Ion Ratio Lower Upper
284 100
142 33.0 20.2 30.4#
249 31.3 22.6 33.8





#69

Atrazine

Concen: 51.097 ng

RT: 11.063 min Scan# 11063

Delta R.T. 0.000 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD

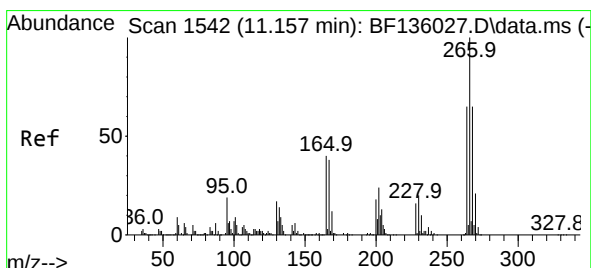
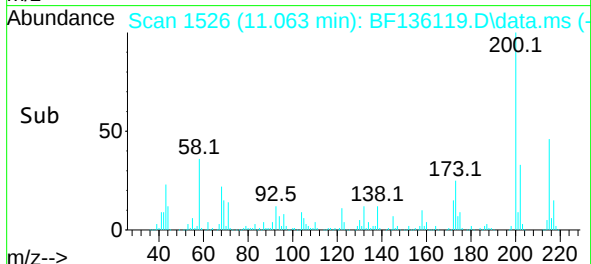
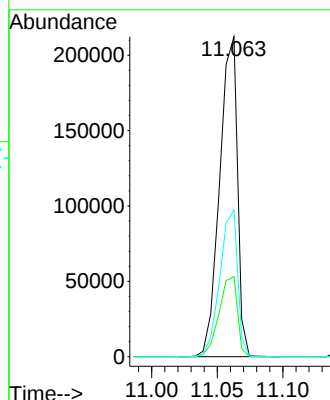
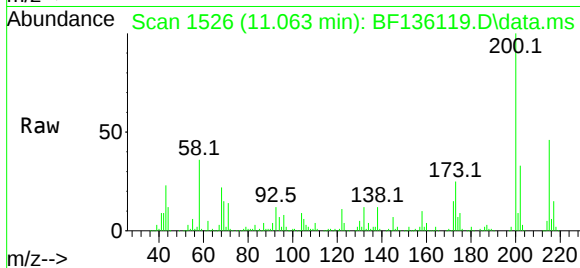
Tgt Ion:200 Resp: 200275
 Ion Ratio Lower Upper
 200 100
 173 25.0 5.2 45.2
 215 45.8 28.4 68.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#70

Pentachlorophenol

Concen: 72.338 ng

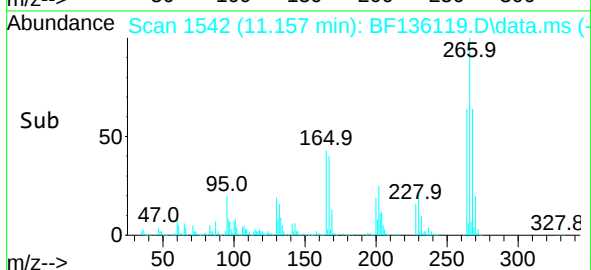
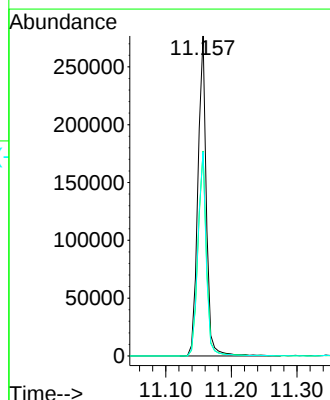
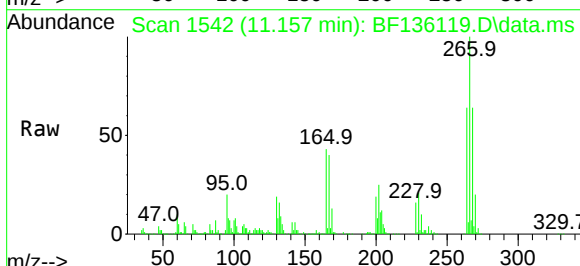
RT: 11.157 min Scan# 1542

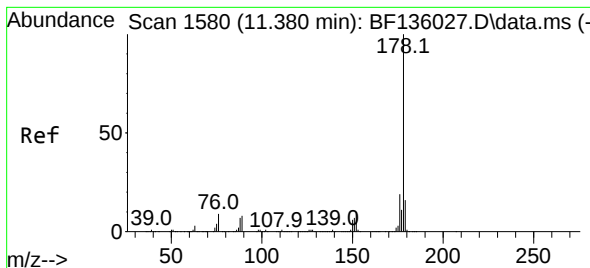
Delta R.T. 0.000 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

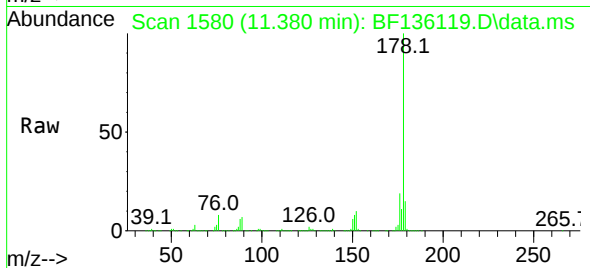
Tgt Ion:266 Resp: 248414
 Ion Ratio Lower Upper
 266 100
 268 64.1 52.2 78.4
 264 63.9 52.2 78.4





#71
Phenanthrene
Concen: 42.612 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

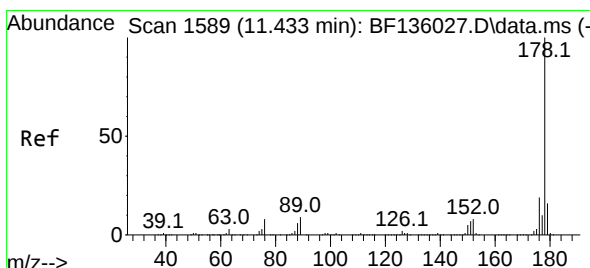
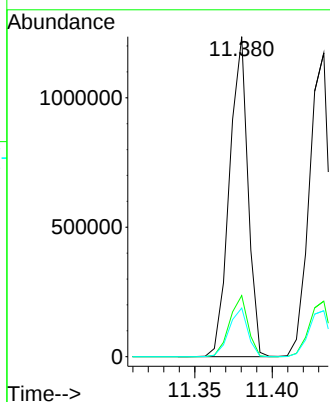
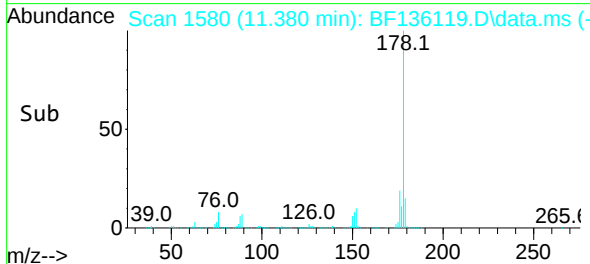
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



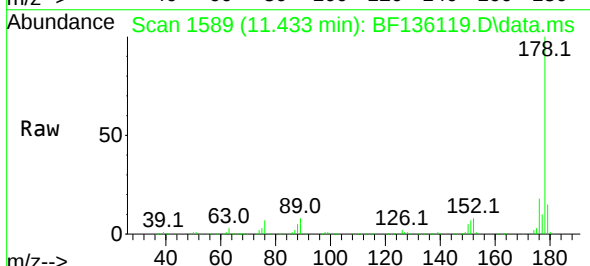
Tgt Ion:178 Resp: 1024564
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.2 12.9 19.3

Manual Integrations
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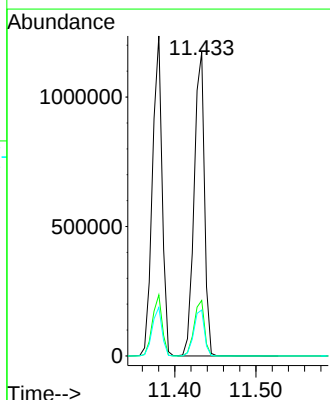
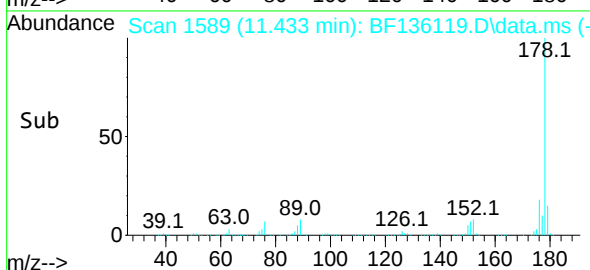
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#72
Anthracene
Concen: 42.274 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



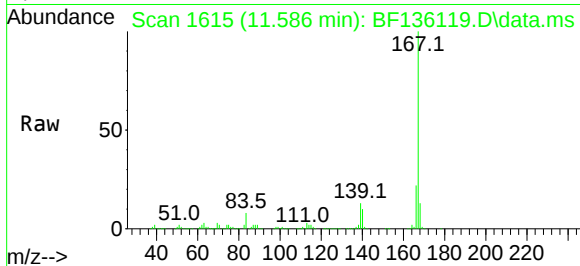
Tgt Ion:178 Resp: 1041543
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.1 12.6 18.8





#73
Carbazole
Concen: 42.745 ng
RT: 11.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

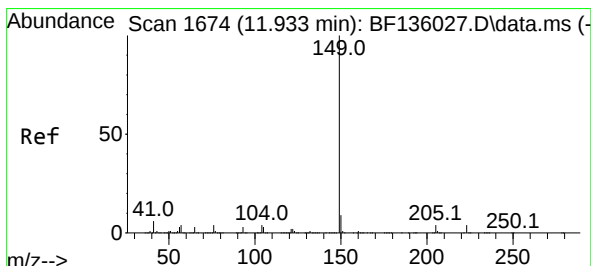
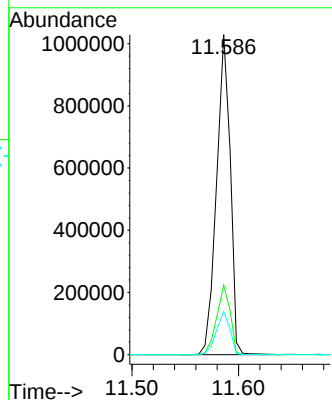
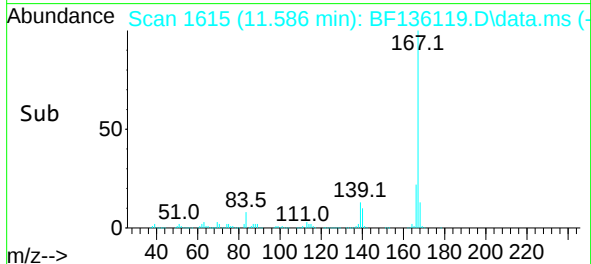
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



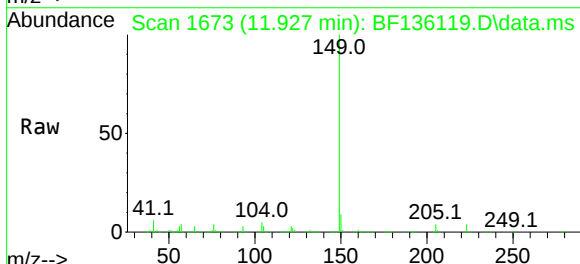
Tgt Ion:167 Resp: 915178
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 13.5 9.9 14.9

Manual Integrations
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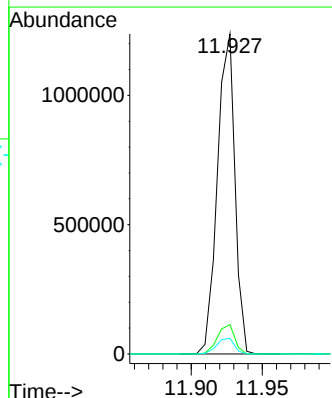
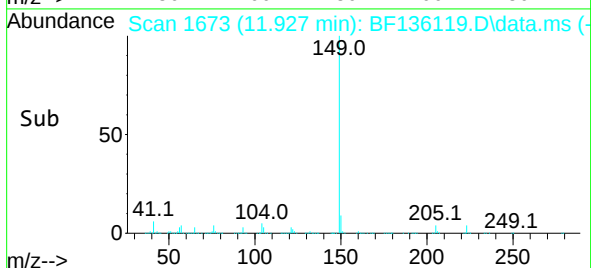
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

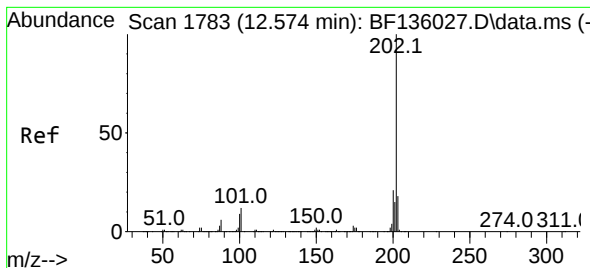


#74
Di-n-butylphthalate
Concen: 43.384 ng
RT: 11.927 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



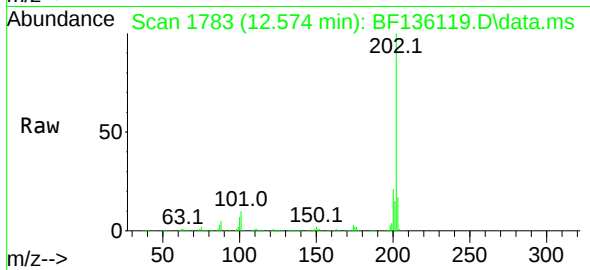
Tgt Ion:149 Resp: 1061372
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.9 3.6 5.4





#75
Fluoranthene
Concen: 42.925 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

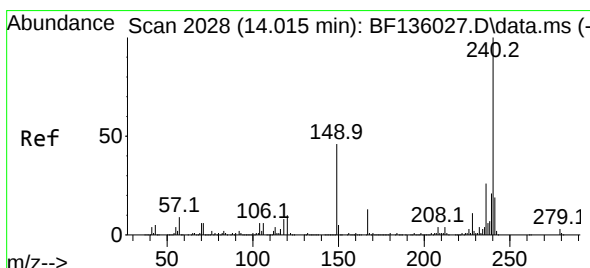
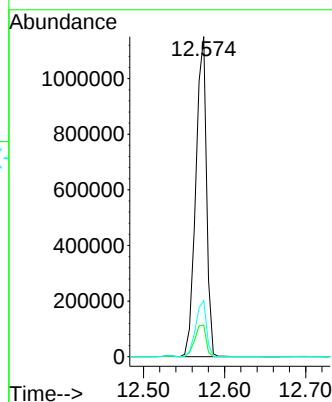
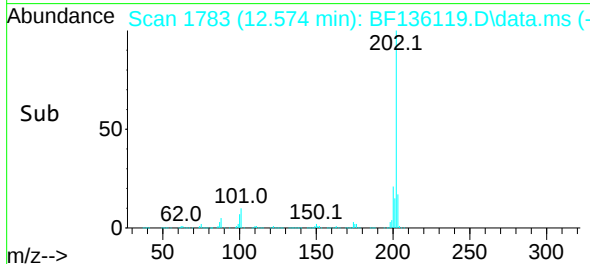
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



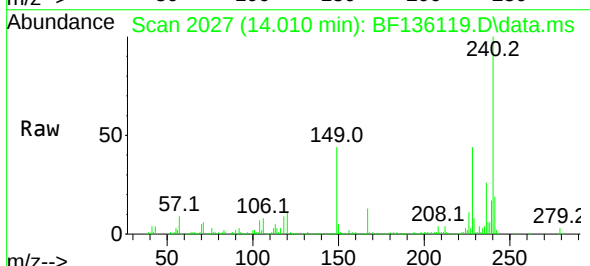
Tgt Ion:202 Resp: 106027
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.8
203 17.5 0.0 37.9

Manual Integrations
APPROVED

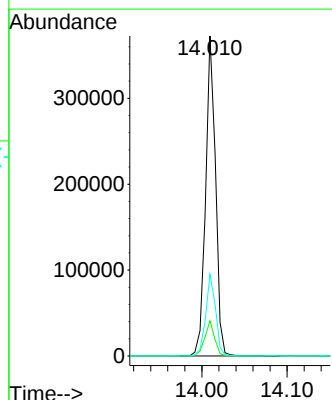
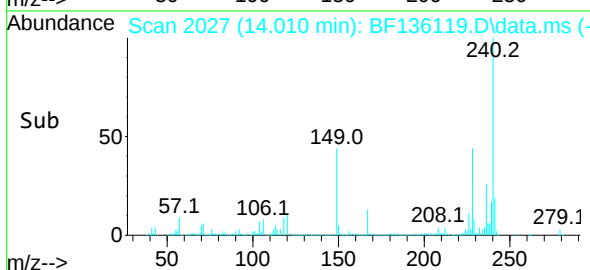
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

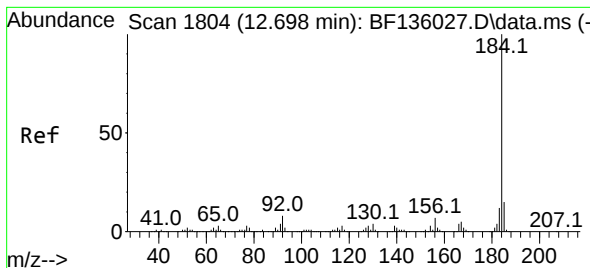


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



Tgt Ion:240 Resp: 300670
Ion Ratio Lower Upper
240 100
120 11.0 7.6 11.4
236 25.6 20.6 31.0





#77

Benzidine

Concen: 29.084 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD

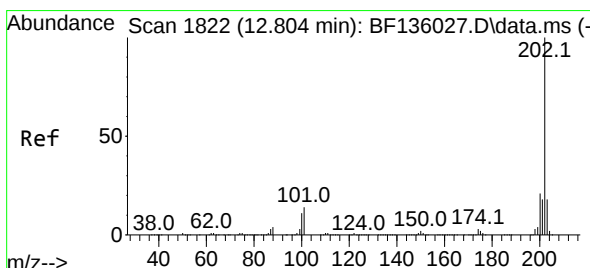
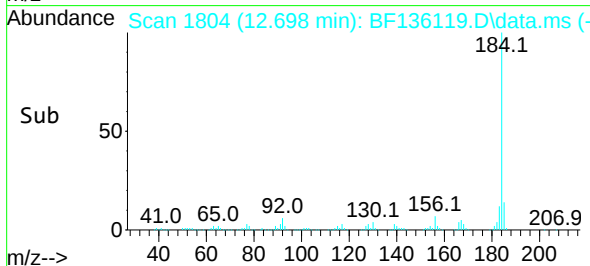
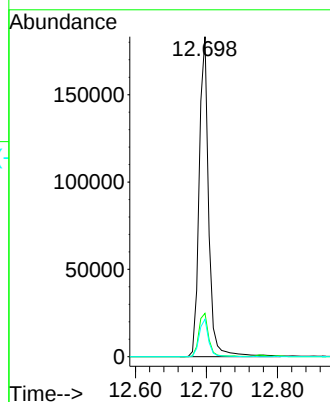
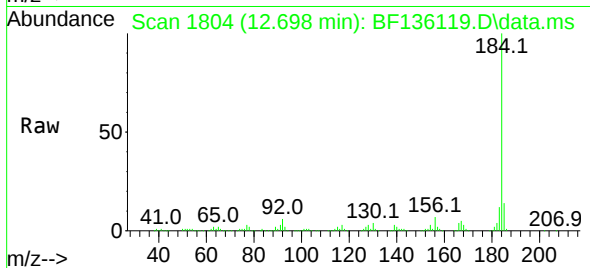
Tgt Ion:184	Resp: 17044
Ion Ratio	Lower Upper
184	100
185	13.6 11.8 17.8
183	11.7 9.5 14.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#78

Pyrene

Concen: 40.490 ng

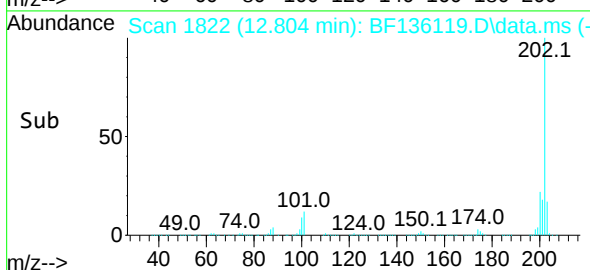
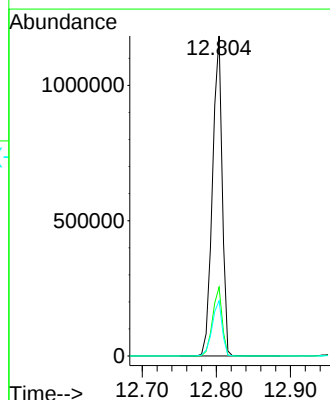
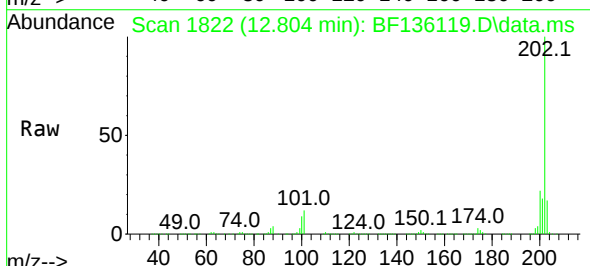
RT: 12.804 min Scan# 1822

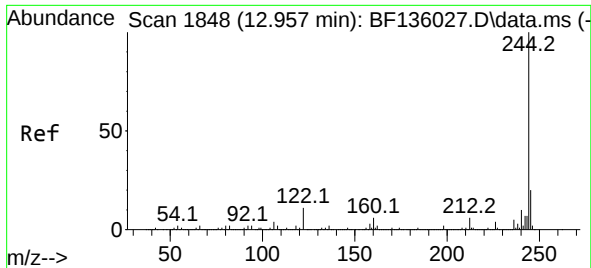
Delta R.T. 0.000 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

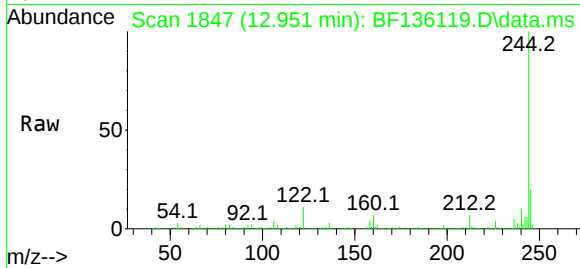
Tgt Ion:202	Resp: 1073331
Ion Ratio	Lower Upper
202	100
200	21.5 17.0 25.4
203	17.2 14.4 21.6





#79
 Terphenyl-d14
 Concen: 78.230 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136119.D
 Acq: 03 Nov 2023 12:27

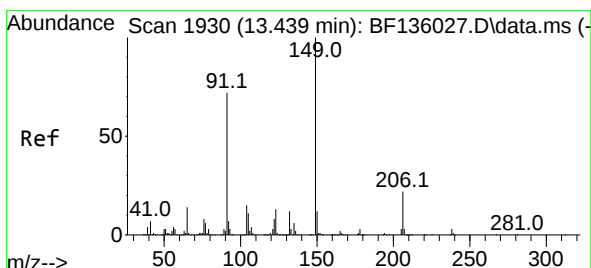
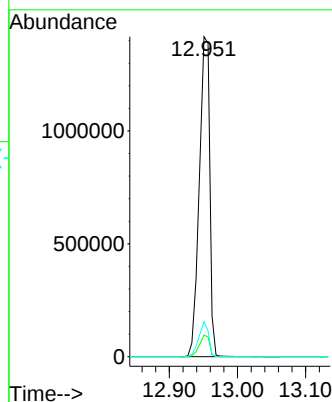
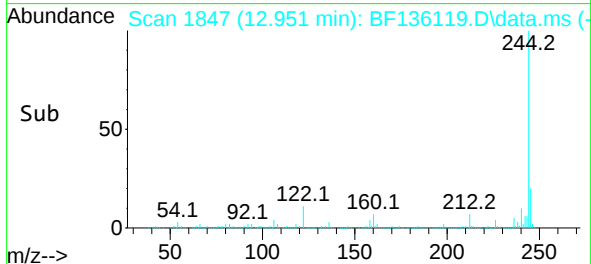
Instrument :
 BNA_F
 ClientSampleId :
 PB156798BSD



Tgt Ion:244 Resp: 151357
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.0 8.6 12.8

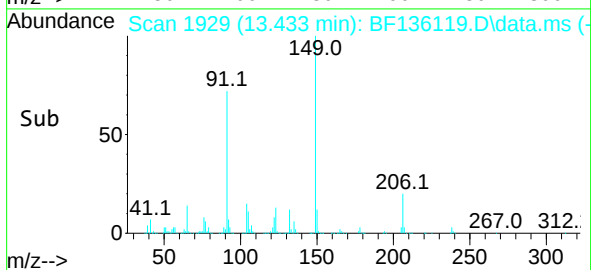
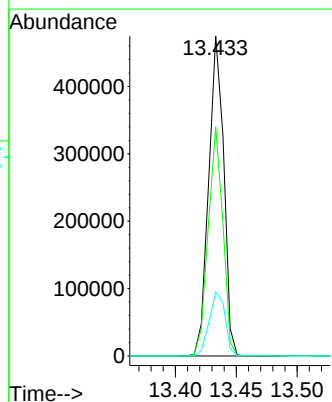
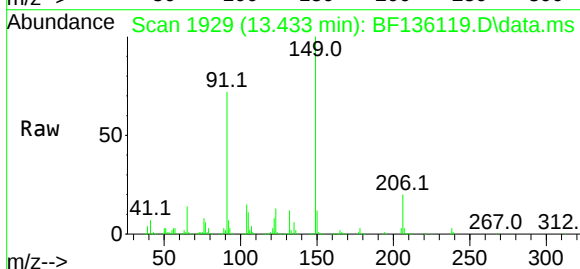
Manual Integrations
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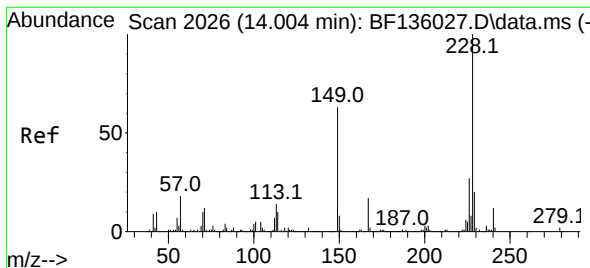
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023



#80
 Butylbenzylphthalate
 Concen: 42.846 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF136119.D
 Acq: 03 Nov 2023 12:27

Tgt Ion:149 Resp: 406559
 Ion Ratio Lower Upper
 149 100
 91 71.6 57.6 86.4
 206 20.0 17.4 26.0





#81

Benzo(a)anthracene

Concen: 41.913 ng

RT: 13.998 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136119.D

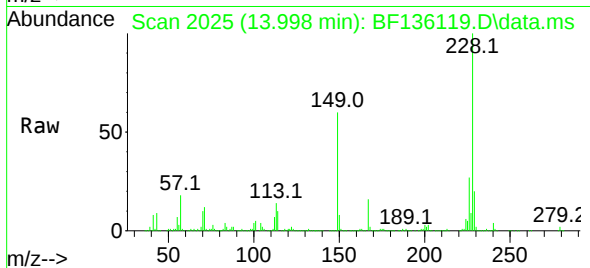
Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD



Tgt Ion:228 Resp: 83428

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

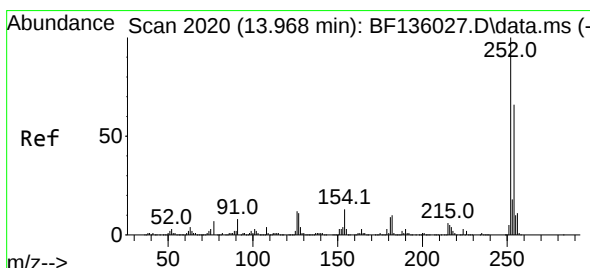
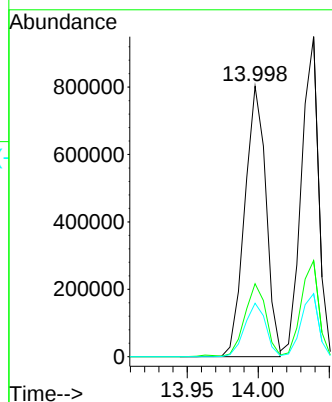
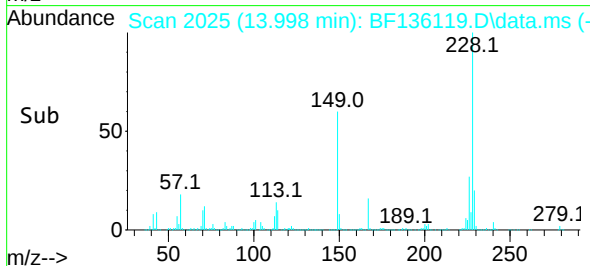
229 19.8 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#82

3,3'-Dichlorobenzidine

Concen: 34.881 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

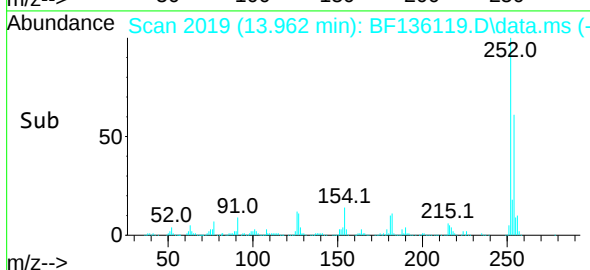
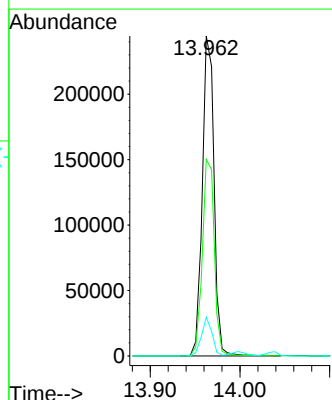
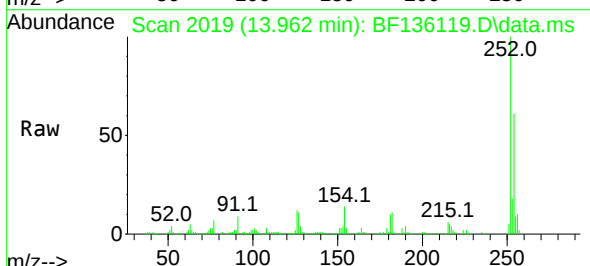
Tgt Ion:252 Resp: 221603

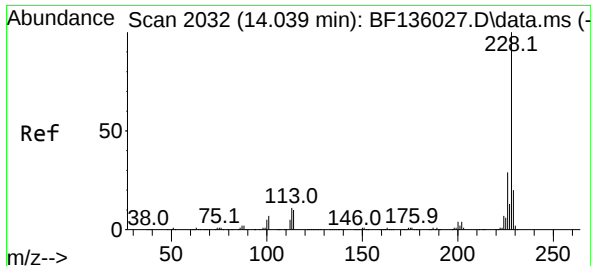
Ion Ratio Lower Upper

252 100

254 61.5 52.5 78.7

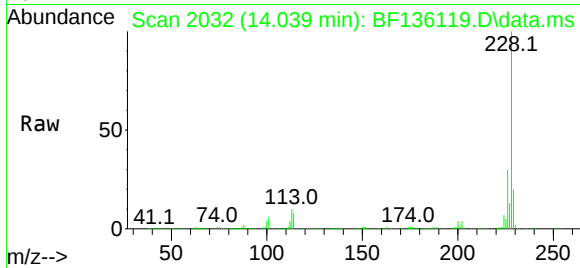
126 12.1 9.4 14.2





#83
Chrysene
Concen: 40.969 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

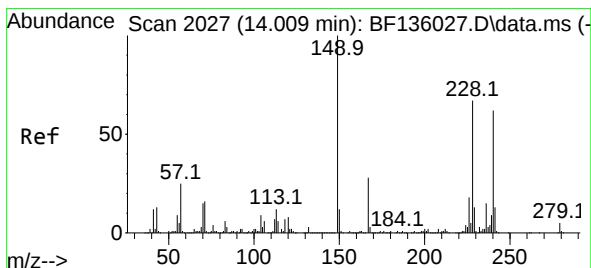
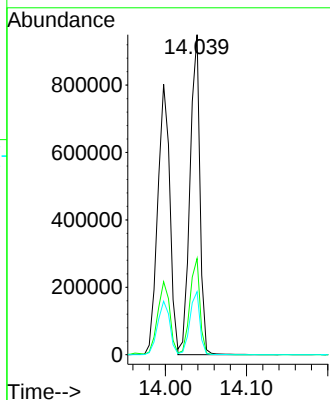
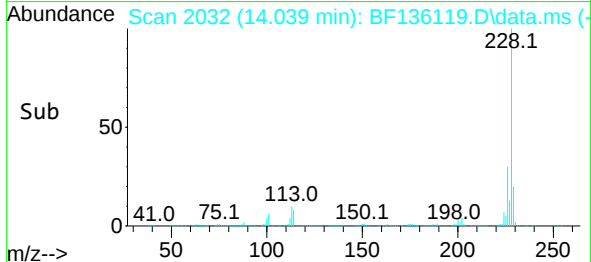
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



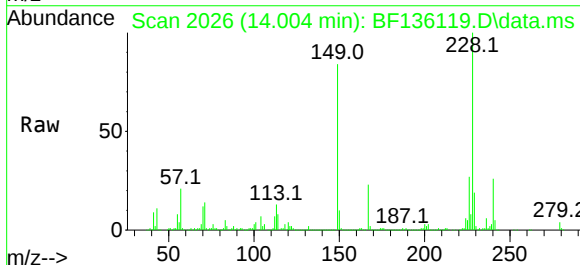
Tgt Ion:228 Resp: 803110
Ion Ratio Lower Upper
228 100
226 30.0 23.5 35.3
229 19.7 16.0 24.0

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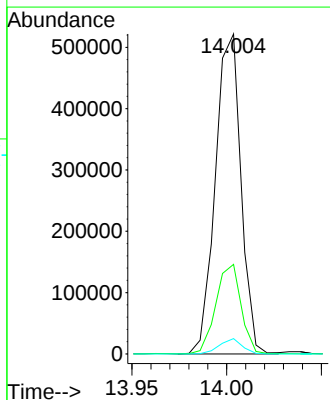
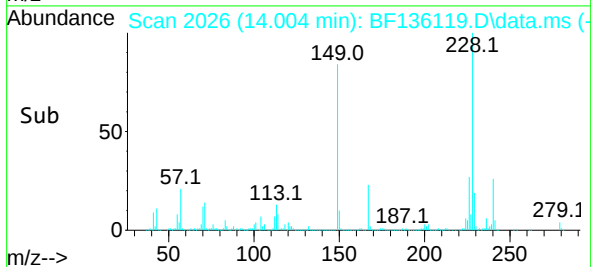
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.353 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



Tgt Ion:149 Resp: 490319
Ion Ratio Lower Upper
149 100
167 28.0 22.6 33.8
279 4.8 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 41.350 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD

Tgt Ion:149 Resp: 684790

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

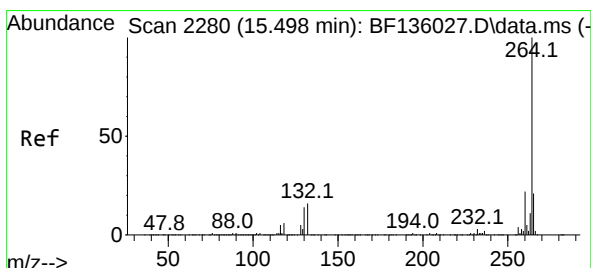
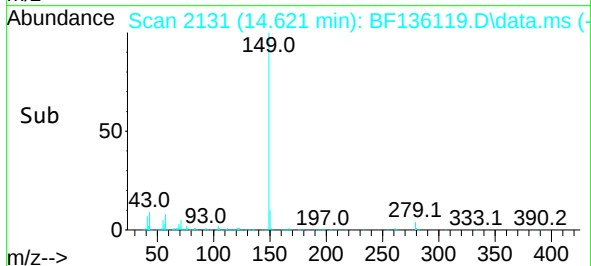
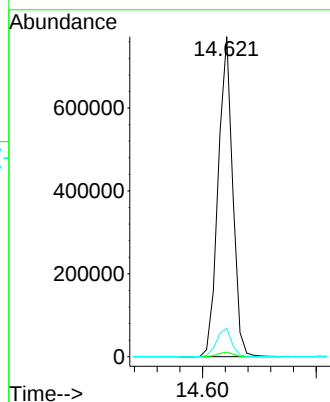
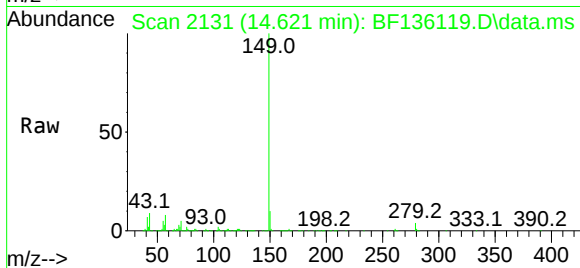
43 9.2 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

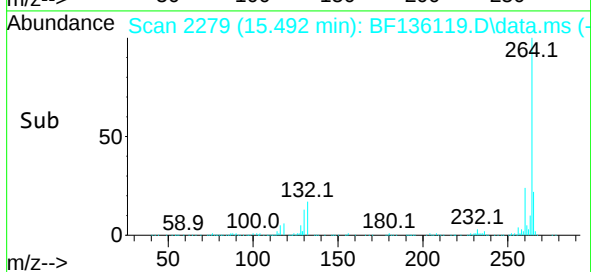
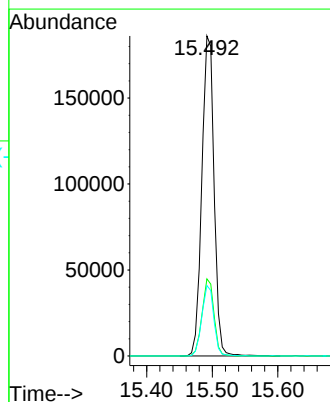
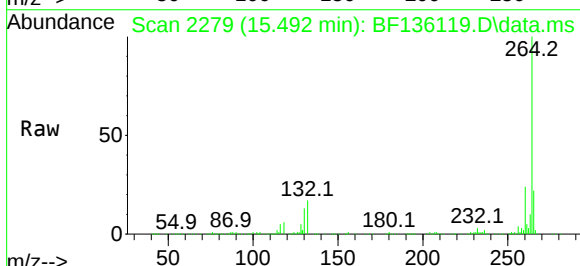
Tgt Ion:264 Resp: 241959

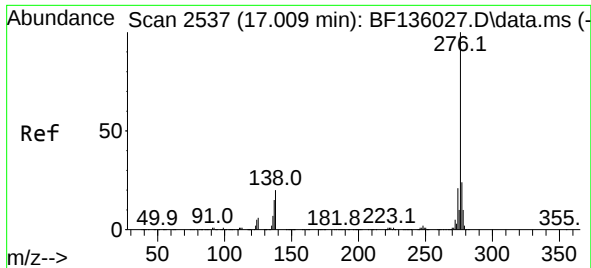
Ion Ratio Lower Upper

264 100

260 24.1 17.9 26.9

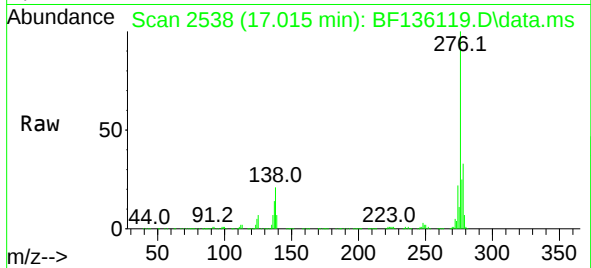
265 22.0 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.503 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

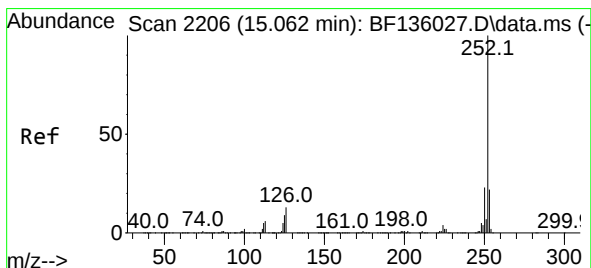
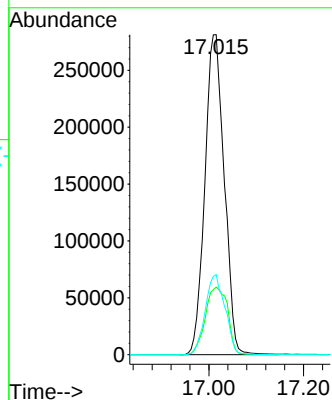
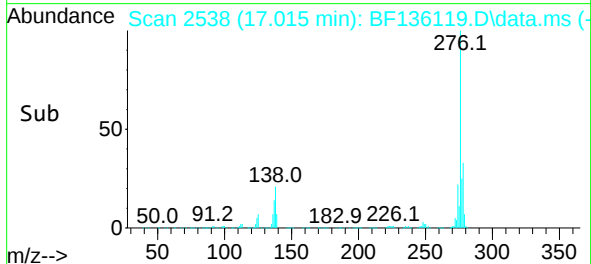
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



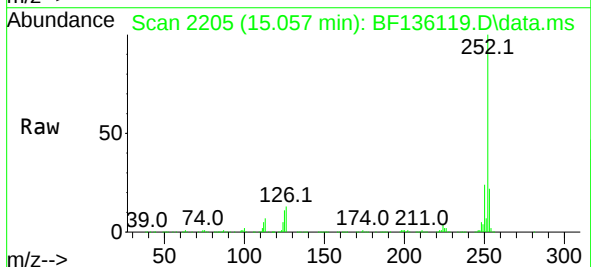
Tgt Ion:276 Resp: 798624
Ion Ratio Lower Upper
276 100
138 24.3 20.4 30.6
277 25.6 20.2 30.2

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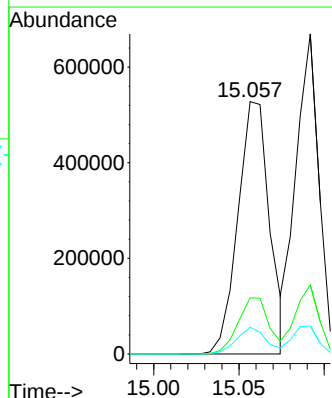
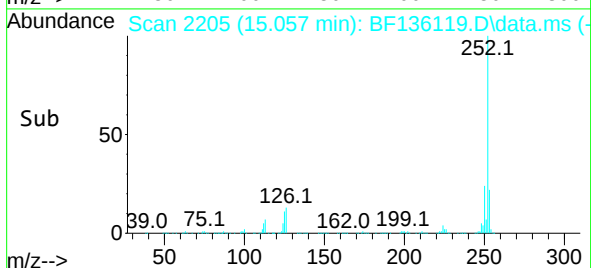
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

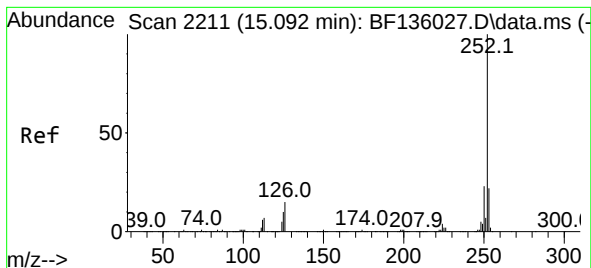


#88
Benzo(b)fluoranthene
Concen: 47.604 ng
RT: 15.057 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



Tgt Ion:252 Resp: 681554
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.6 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 44.850 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136119.D

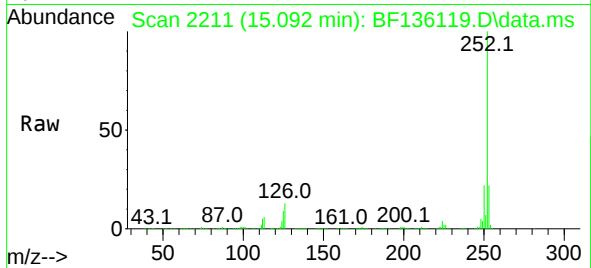
Acq: 03 Nov 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB156798BSD



Tgt Ion:252 Resp: 635344

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

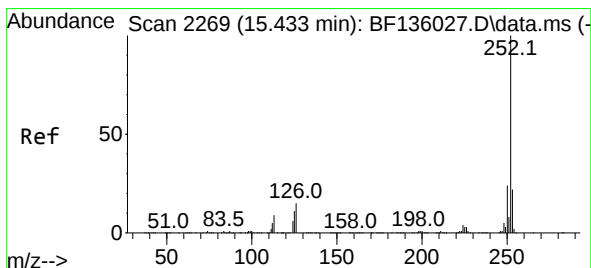
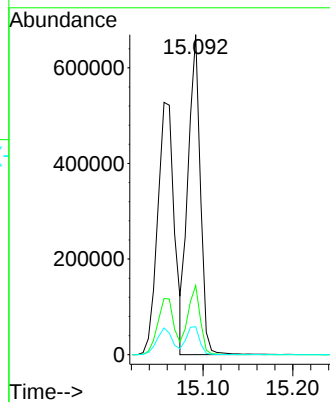
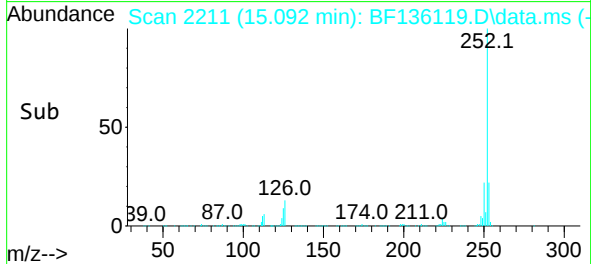
125 8.8 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#90

Benzo(a)pyrene

Concen: 40.911 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF136119.D

Acq: 03 Nov 2023 12:27

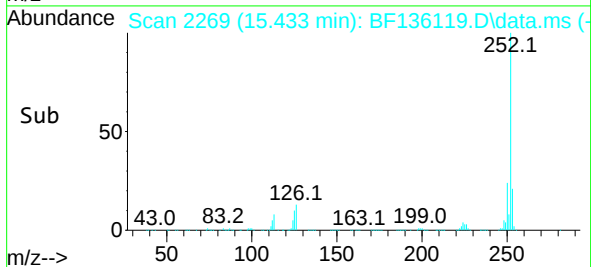
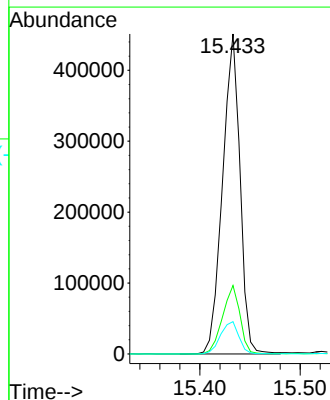
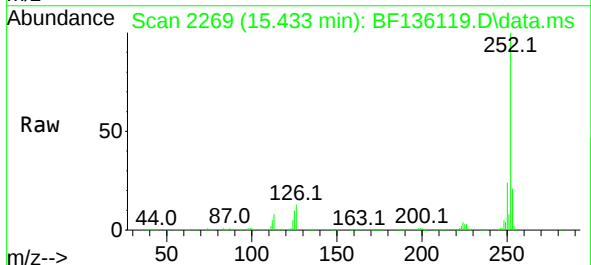
Tgt Ion:252 Resp: 544226

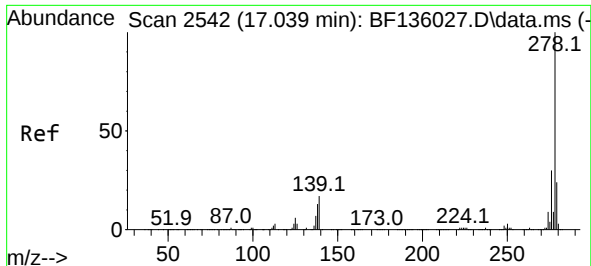
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

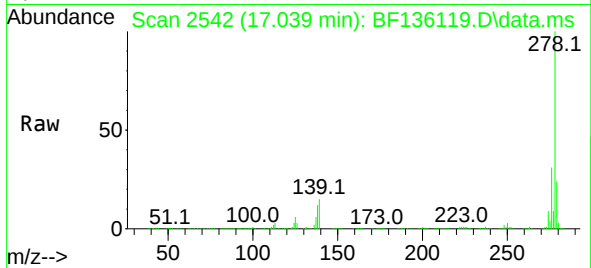
125 10.1 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 50.998 ng
RT: 17.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27

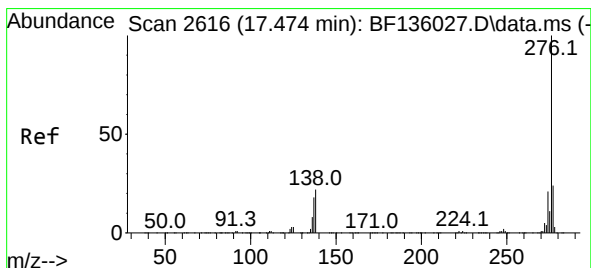
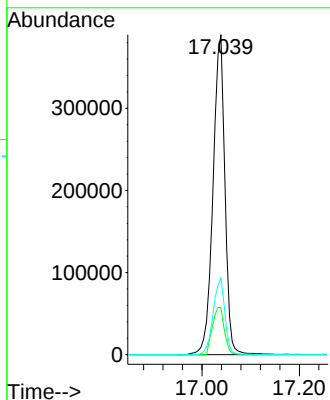
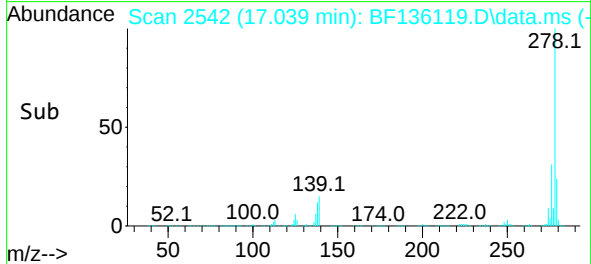
Instrument :
BNA_F
ClientSampleId :
PB156798BSD



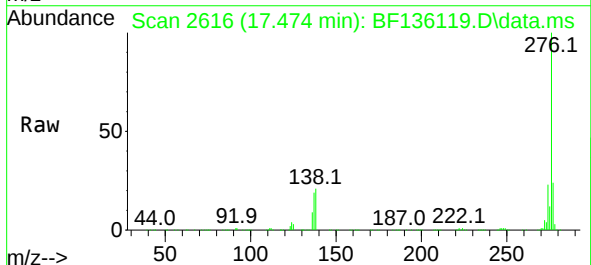
Tgt Ion:278 Resp: 660600
Ion Ratio Lower Upper
278 100
139 14.7 13.7 20.5
279 24.0 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#92
Benzo(g,h,i)perylene
Concen: 44.760 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF136119.D
Acq: 03 Nov 2023 12:27



Tgt Ion:276 Resp: 657029
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 21.2 17.4 26.2

