

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136126.D
 Acq On : 03 Nov 2023 16:09
 Operator : CG\JU
 Sample : 05197-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SCFMS

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 00:08:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	96840	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	363305	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	177723	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	296758	20.000	ng	0.00
76) Chrysene-d12	14.010	240	192255	20.000	ng	0.00
86) Perylene-d12	15.498	264	255192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	651356	105.695	ng	0.00
7) Phenol-d6	6.457	99	788474	102.689	ng	0.00
23) Nitrobenzene-d5	7.387	82	485641	80.581	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	213759	112.684	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	860100	77.147	ng	0.00
79) Terphenyl-d14	12.951	244	807635	65.283	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	110971	41.353	ng	99
3) Pyridine	3.393	79	264413	36.099	ng	98
4) n-Nitrosodimethylamine	3.363	42	138575	45.249	ng	91
6) Aniline	6.481	93	239237	24.066	ng	98
8) 2-Chlorophenol	6.604	128	305783	46.411	ng	98
9) Benzaldehyde	6.369	77	68267	15.945	ng	98
10) Phenol	6.469	94	351987m	44.321	ng	
11) bis(2-Chloroethyl)ether	6.557	93	284095	45.695	ng	96
12) 1,3-Dichlorobenzene	6.763	146	327895	47.817	ng	98
13) 1,4-Dichlorobenzene	6.840	146	333224	48.489	ng	98
14) 1,2-Dichlorobenzene	6.987	146	315884	49.158	ng	97
15) Benzyl Alcohol	6.963	79	248654	45.672	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	389690	45.537	ng	99
17) 2-Methylphenol	7.075	107	231455	41.410	ng	96
18) Hexachloroethane	7.328	117	119484	49.468	ng	97
19) n-Nitroso-di-n-propyla...	7.239	70	196015	44.679	ng	97
20) 3+4-Methylphenols	7.228	107	287863	42.236	ng	96
22) Acetophenone	7.234	105	398160	49.424	ng	97
24) Nitrobenzene	7.404	77	301145	49.399	ng	97
25) Isophorone	7.639	82	545176	47.916	ng	99
26) 2-Nitrophenol	7.716	139	151846	54.594	ng	90
27) 2,4-Dimethylphenol	7.757	122	222592	42.351	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	333457	47.833	ng	97
29) 2,4-Dichlorophenol	7.957	162	240614	48.562	ng	97
30) 1,2,4-Trichlorobenzene	8.039	180	272422	50.400	ng	98
31) Naphthalene	8.122	128	848457	48.430	ng	99
32) Benzoic acid	7.869	122	181412m	43.610	ng	
33) 4-Chloroaniline	8.169	127	78044	10.172	ng	98
34) Hexachlorobutadiene	8.239	225	163930	52.884	ng	98
35) Caprolactam	8.545	113	74537m	46.264	ng	
36) 4-Chloro-3-methylphenol	8.657	107	253353	48.705	ng	99
37) 2-Methylnaphthalene	8.816	142	539888	45.960	ng	98
38) 1-Methylnaphthalene	8.916	142	522221	47.770	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	261559	51.605	ng	99
41) Hexachlorocyclopentadiene	8.969	237	280557	103.609	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	166489	50.379	ng	98

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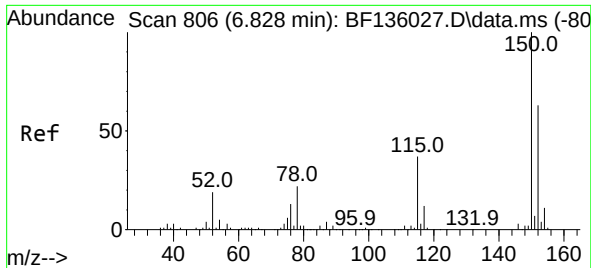
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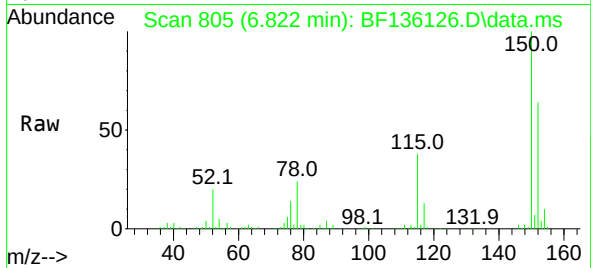
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	177303	46.316	ng	98
46) 1,1'-Biphenyl	9.281	154	695785	51.357	ng	99
47) 2-Chloronaphthalene	9.304	162	517289	51.793	ng	98
48) 2-Nitroaniline	9.404	65	147489	49.898	ng	91
49) Acenaphthylene	9.722	152	811932	52.110	ng	100
50) Dimethylphthalate	9.586	163	579095	49.399	ng	100
51) 2,6-Dinitrotoluene	9.645	165	127933	51.025	ng	93
52) Acenaphthene	9.892	154	491509	49.622	ng	99
53) 3-Nitroaniline	9.810	138	67667	23.130	ng	92
54) 2,4-Dinitrophenol	9.922	184	117132	85.579	ng	98
55) Dibenzofuran	10.069	168	704708	48.792	ng	98
56) 4-Nitrophenol	9.975	139	197497	90.250	ng	# 81
57) 2,4-Dinitrotoluene	10.051	165	165353	52.124	ng	93
58) Fluorene	10.410	166	526373	48.676	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	147790	48.559	ng	99
60) Diethylphthalate	10.286	149	549213	49.033	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	260974	48.347	ng	94
62) 4-Nitroaniline	10.428	138	117114	41.573	ng	96
63) Azobenzene	10.569	77	511645	47.431	ng	95
65) 4,6-Dinitro-2-methylph...	10.457	198	75830	46.685	ng	89
66) n-Nitrosodiphenylamine	10.527	169	465704	52.022	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	164056	52.729	ng	95
68) Hexachlorobenzene	10.957	284	180170	54.220	ng	# 93
69) Atrazine	11.057	200	149819	61.510	ng	97
70) Pentachlorophenol	11.151	266	195680	91.694	ng	97
71) Phenanthrene	11.374	178	808749	54.126	ng	99
72) Anthracene	11.427	178	774339	50.575	ng	99
73) Carbazole	11.586	167	633840	47.639	ng	99
74) Di-n-butylphthalate	11.927	149	781618	51.412	ng	99
75) Fluoranthene	12.569	202	805385	52.468	ng	99
77) Benzidine	12.698	184	231699	61.832	ng	99
78) Pyrene	12.804	202	801982	47.314	ng	98
80) Butylbenzylphthalate	13.433	149	292597	48.225	ng	98
81) Benzo(a)anthracene	13.998	228	672252	52.817	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	127260	31.327	ng	99
83) Chrysene	14.033	228	648194	51.712	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	386582	54.689	ng	# 96
85) Di-n-octyl phthalate	14.621	149	748853	70.717	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	863154	51.753	ng	98
88) Benzo(b)fluoranthene	15.062	252	755122	50.008	ng	99
89) Benzo(k)fluoranthene	15.092	252	694776	46.502	ng	99
90) Benzo(a)pyrene	15.439	252	688206	49.051	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	702255	51.403	ng	98
92) Benzo(g,h,i)perylene	17.480	276	671680	43.474	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

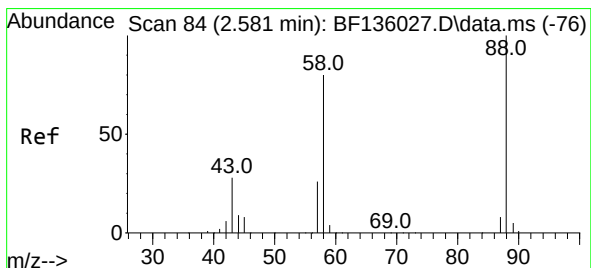
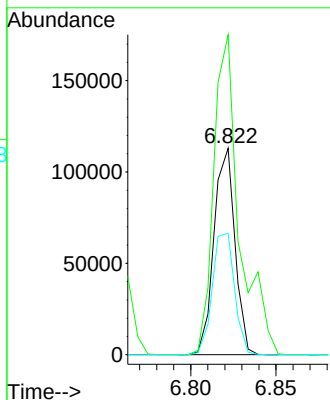
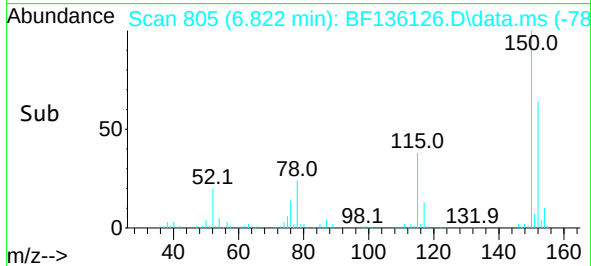
Instrument :
BNA_F
ClientSampleId :
SCFMS



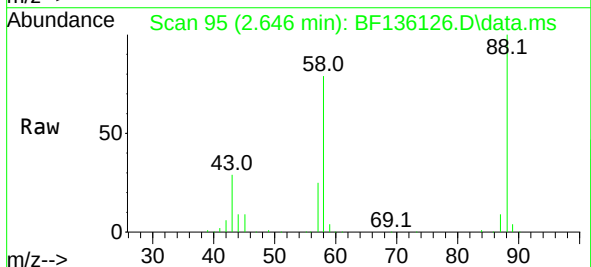
Tgt Ion:152 Resp: 96840
Ion Ratio Lower Upper
152 100
150 155.1 126.4 189.6
115 58.9 47.0 70.4

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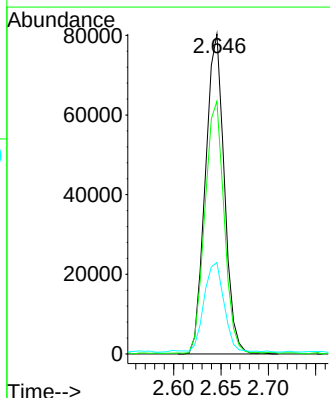
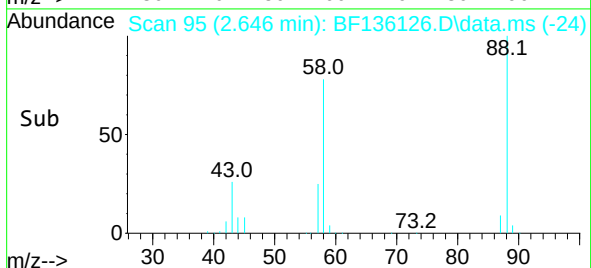
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

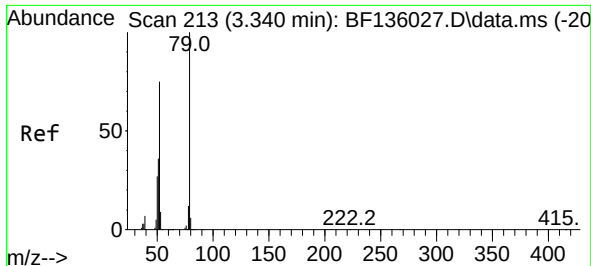


#2
1,4-Dioxane
Concen: 41.353 ng
RT: 2.646 min Scan# 95
Delta R.T. 0.065 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



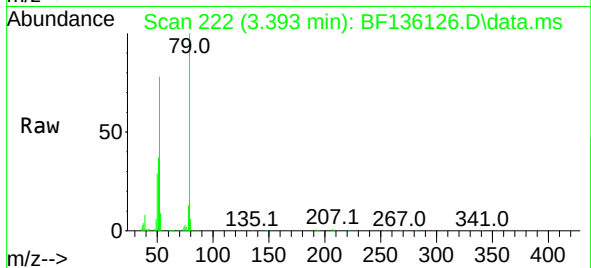
Tgt Ion: 88 Resp: 110971
Ion Ratio Lower Upper
88 100
58 80.4 64.3 96.5
43 29.8 22.3 33.5





#3
Pyridine
Concen: 36.099 ng
RT: 3.393 min Scan# 213
Delta R.T. 0.053 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

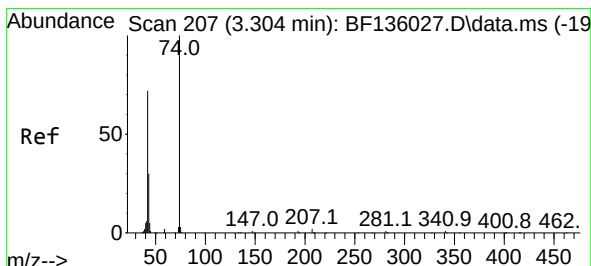
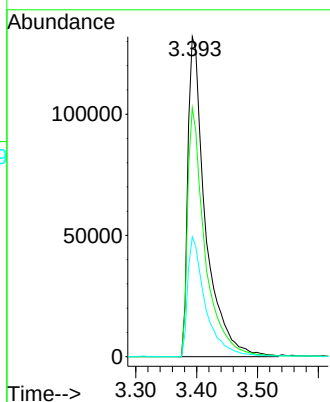
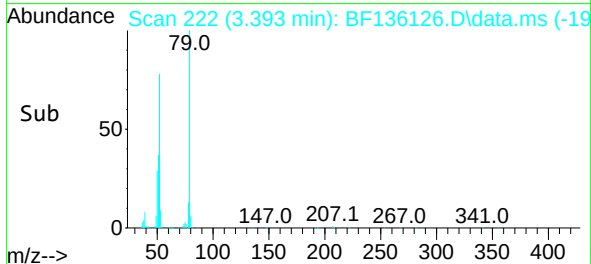
Instrument :
BNA_F
ClientSampleId :
SCFMS



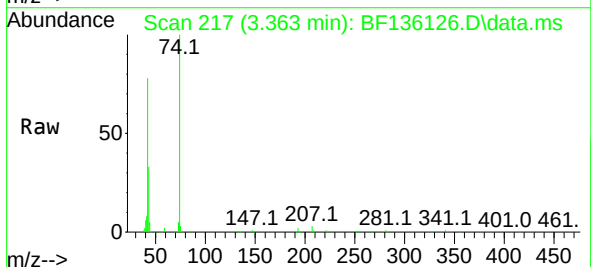
Tgt Ion: 79 Resp: 26441
Ion Ratio Lower Upper
79 100
52 77.7 60.3 90.5
51 37.4 29.3 43.9

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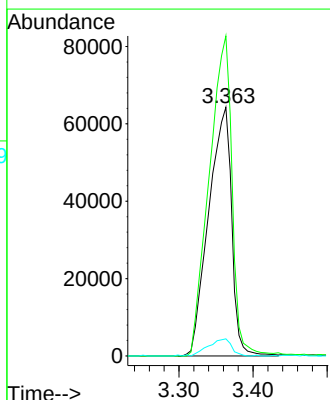
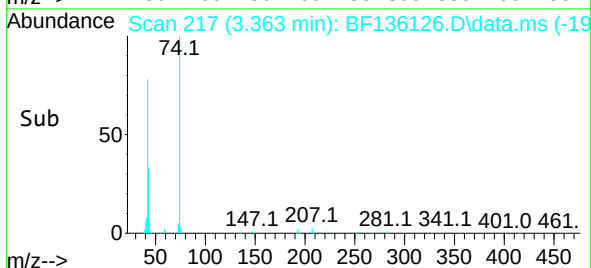
Reviewed By :Yogesh Patel 11/04/2023
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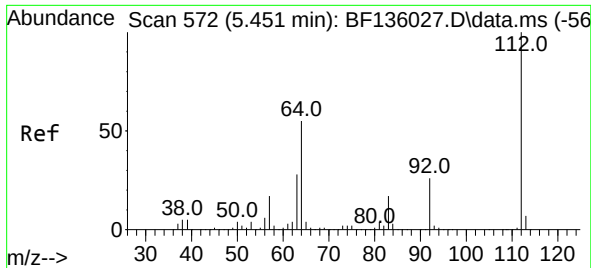


#4
n-Nitrosodimethylamine
Concen: 45.249 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.059 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



Tgt Ion: 42 Resp: 138575
Ion Ratio Lower Upper
42 100
74 128.7 111.8 167.6
44 6.9 6.2 9.4





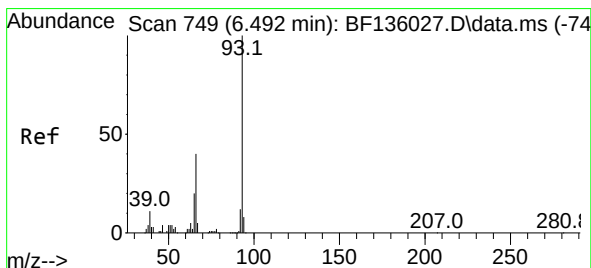
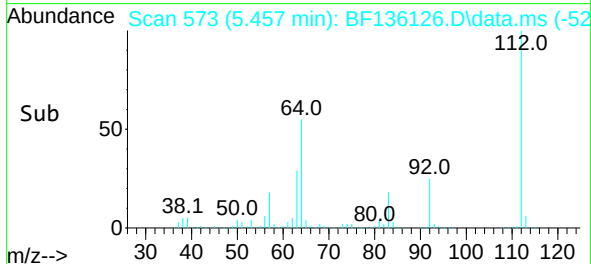
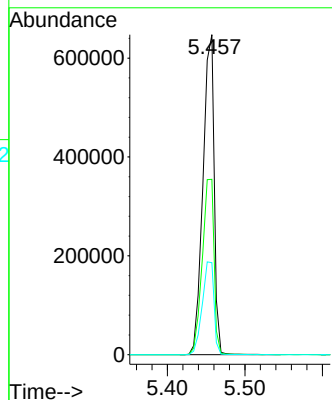
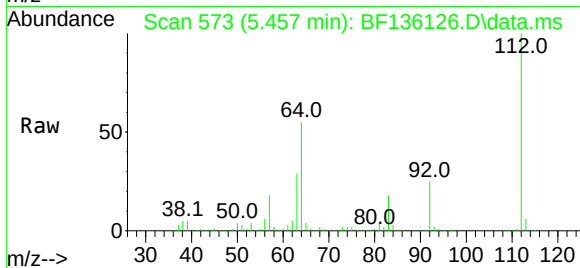
#5
2-Fluorophenol
Concen: 105.695 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Instrument :
BNA_F
ClientSampleId :
SCFMS

Tgt Ion:112 Resp: 651350
Ion Ratio Lower Upper
112 100
64 54.8 43.9 65.9
63 28.7 22.4 33.6

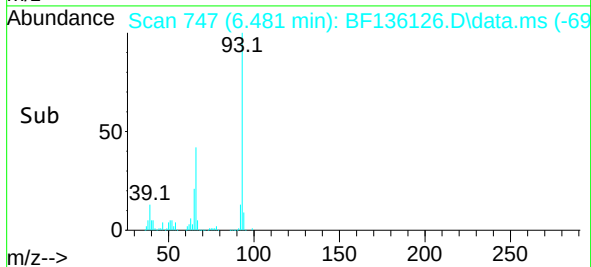
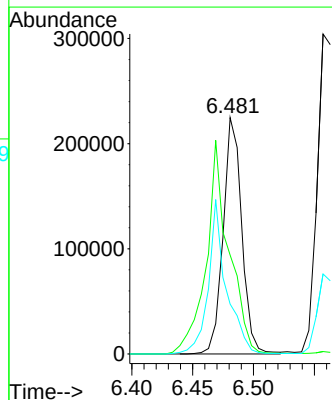
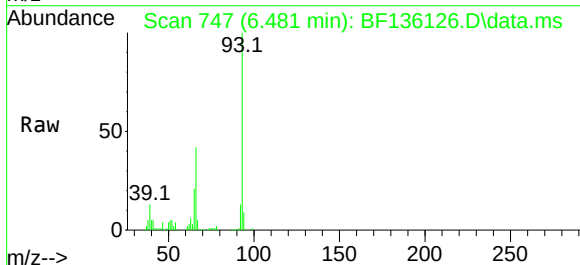
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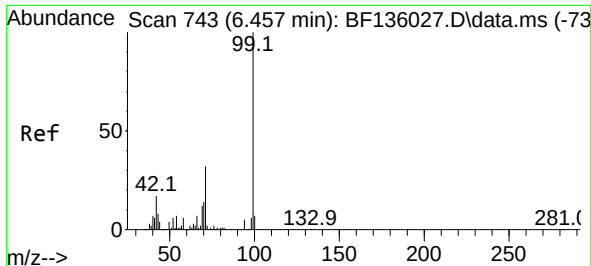
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#6
Aniline
Concen: 24.066 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

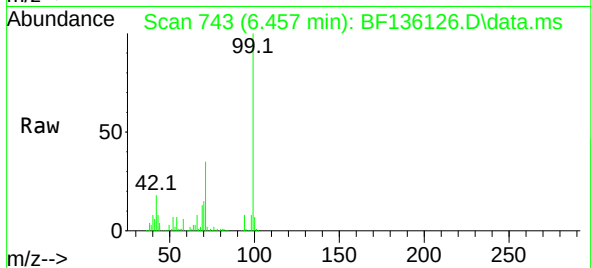
Tgt Ion: 93 Resp: 239237
Ion Ratio Lower Upper
93 100
66 41.8 32.4 48.6
65 21.1 16.2 24.2





#7
Phenol-d6
Concen: 102.689 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

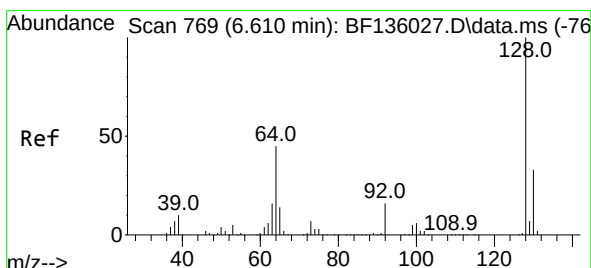
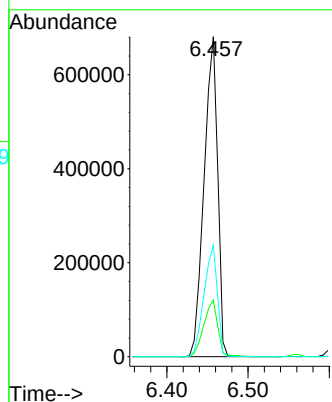
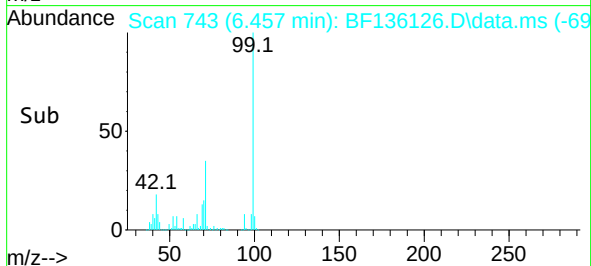
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BNA_F
ClientSampleId :
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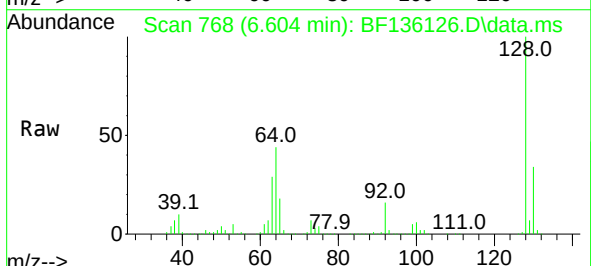
Tgt Ion: 99 Resp: 788474
Ion Ratio Lower Upper
99 100
42 17.8 13.7 20.5
71 34.9 25.9 38.9

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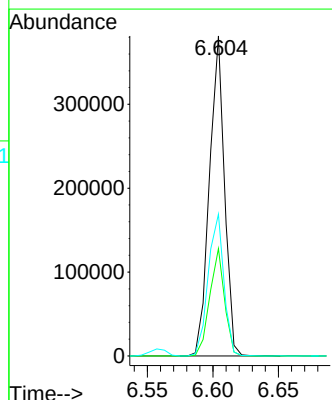
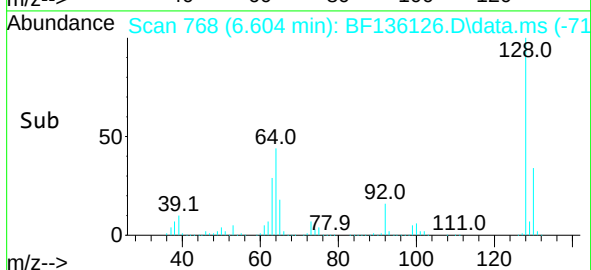
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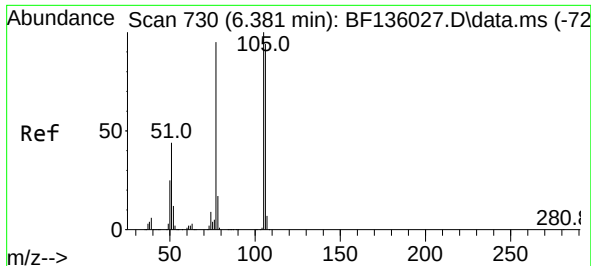


#8
2-Chlorophenol
Concen: 46.411 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF136126.D
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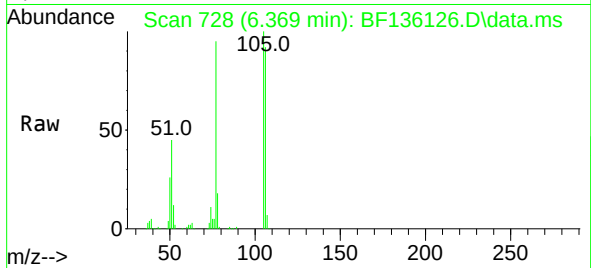
Tgt Ion:128 Resp: 305783
Ion Ratio Lower Upper
128 100
130 33.5 12.8 52.8
64 44.3 25.8 65.8





#9
Benzaldehyde
Concen: 15.945 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

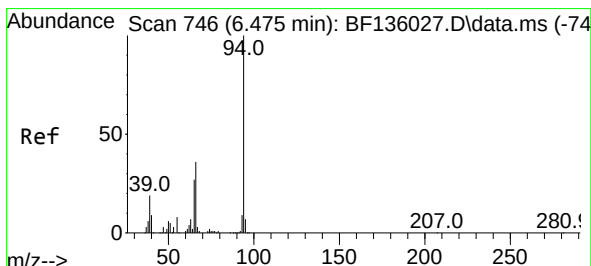
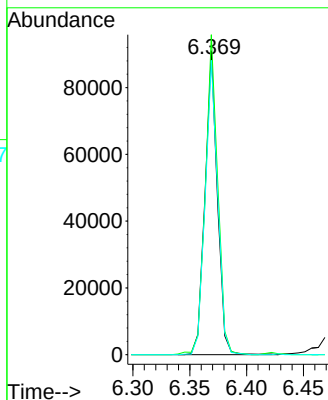
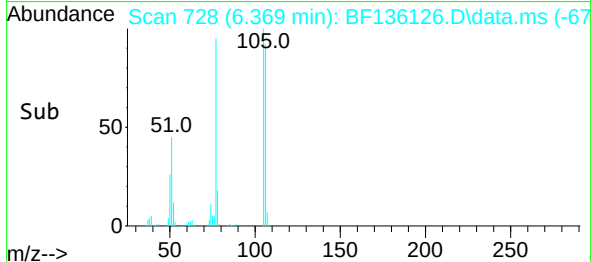
Instrument :
BNA_F
ClientSampleId :
SCFMS



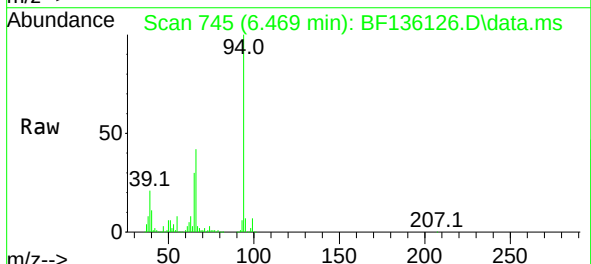
Tgt Ion: 77 Resp: 6826
Ion Ratio Lower Upper
77 100
105 105.2 85.7 125.7
106 96.8 79.8 119.8

Manual Integrations
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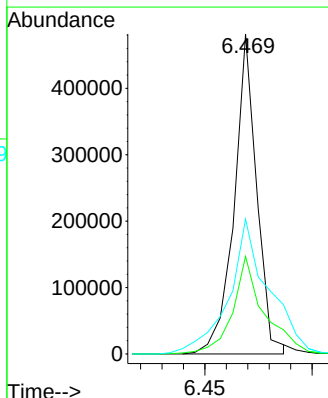
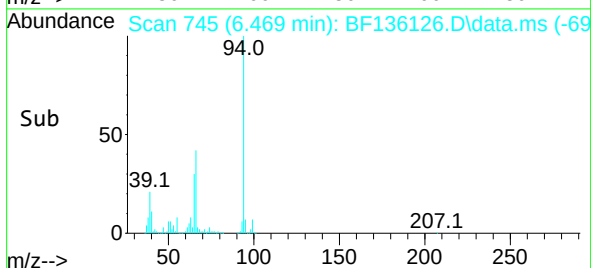
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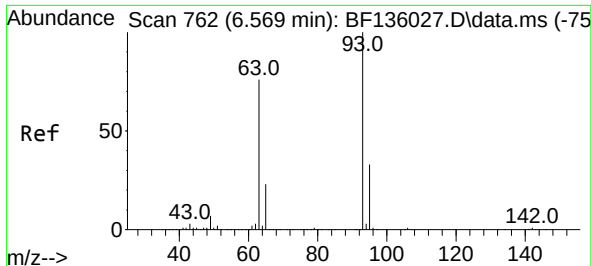


#10
Phenol
Concen: 44.321 ng m
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



Tgt Ion: 94 Resp: 351987
Ion Ratio Lower Upper
94 100
65 30.5 7.5 47.5
66 42.1 17.1 57.1





#11

bis(2-Chloroethyl)ether

Concen: 45.695 ng

RT: 6.557 min Scan# 760

Delta R.T. -0.012 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

Tgt Ion: 93 Resp: 284095

Ion Ratio Lower Upper

93 100

63 80.1 55.8 95.8

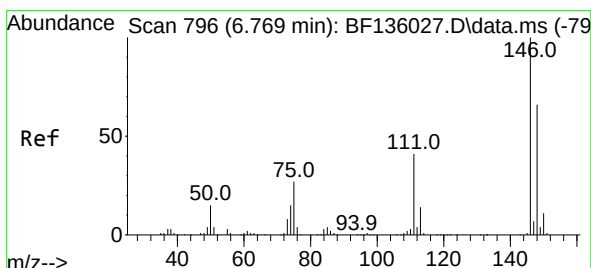
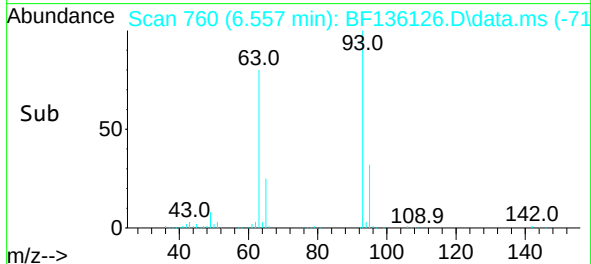
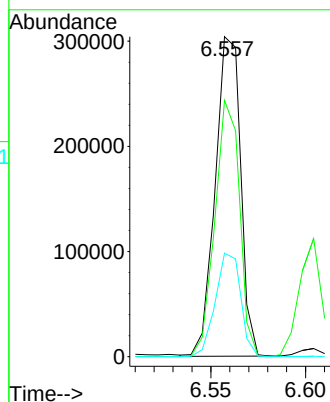
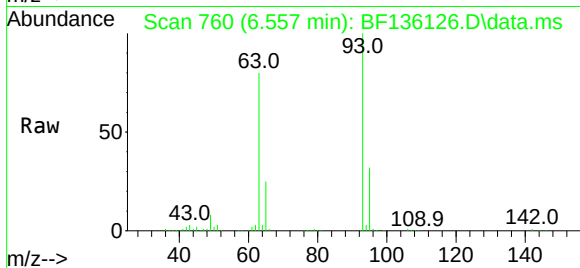
95 32.4 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#12

1,3-Dichlorobenzene

Concen: 47.817 ng

RT: 6.763 min Scan# 795

Delta R.T. -0.006 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

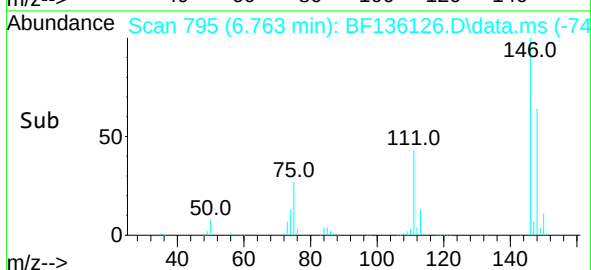
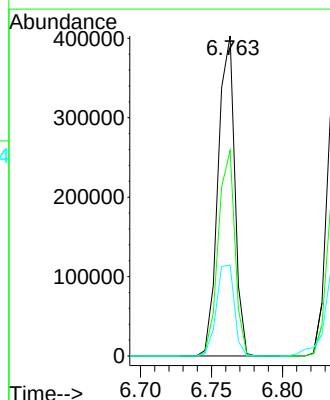
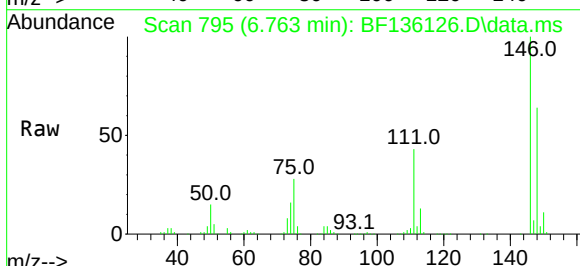
Tgt Ion:146 Resp: 327895

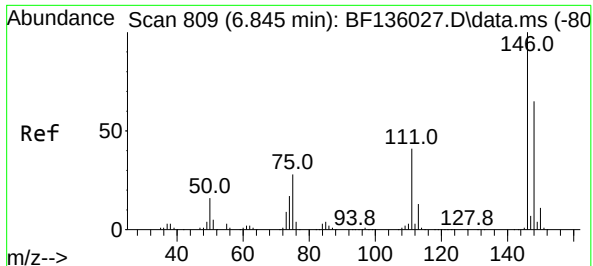
Ion Ratio Lower Upper

146 100

148 64.3 52.6 78.8

75 28.4 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 48.489 ng

RT: 6.840 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

Tgt Ion:146 Resp: 333224

Ion Ratio Lower Upper

146 100

148 63.4 52.1 78.1

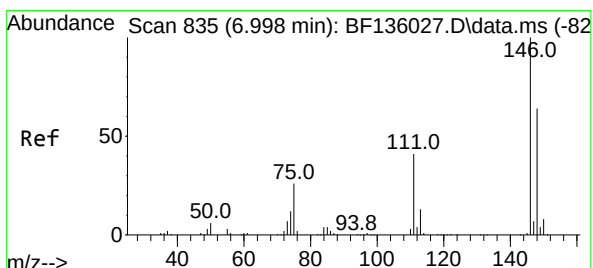
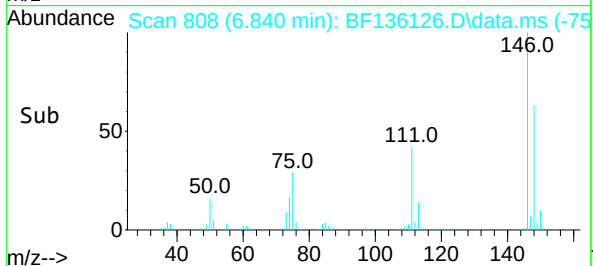
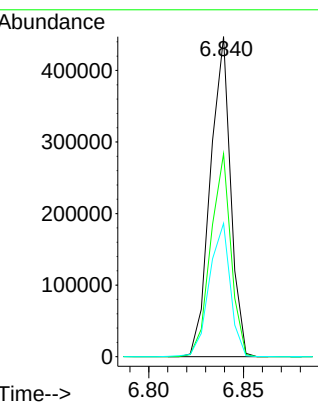
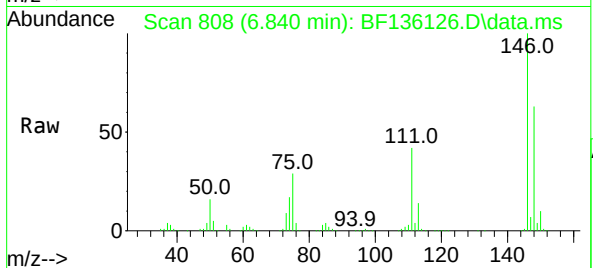
111 41.6 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#14

1,2-Dichlorobenzene

Concen: 49.158 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.012 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

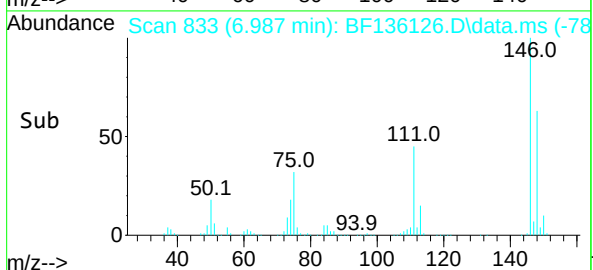
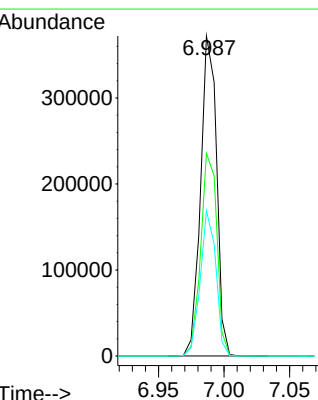
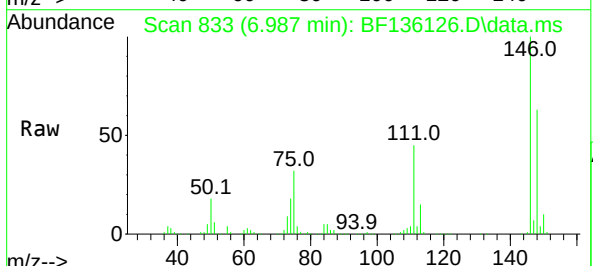
Tgt Ion:146 Resp: 315884

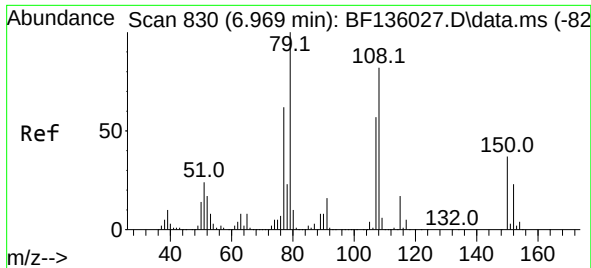
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

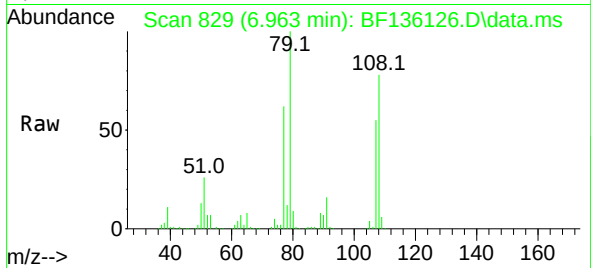
111 45.4 33.0 49.4





#15
Benzyl Alcohol
Concen: 45.672 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

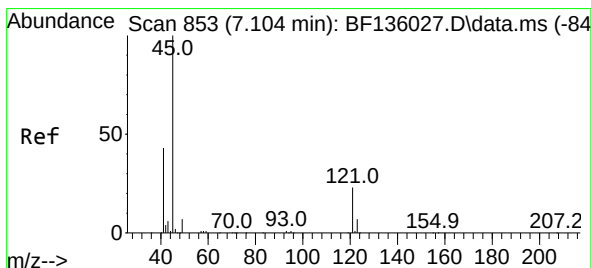
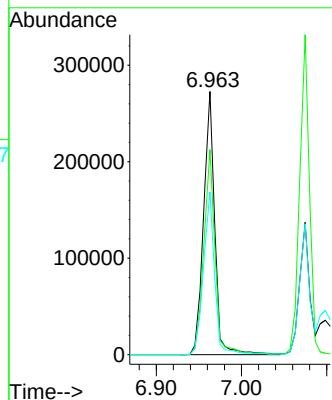
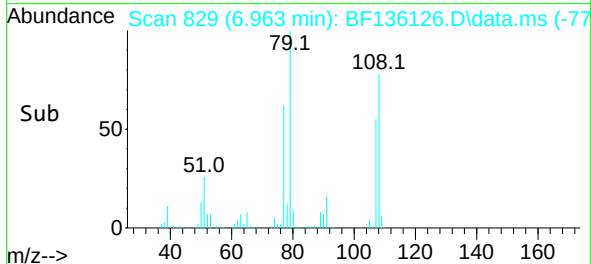
Instrument :
BNA_F
ClientSampleId :
SCFMS



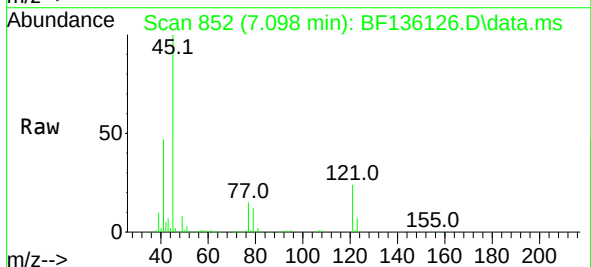
Tgt Ion: 79 Resp: 248654
Ion Ratio Lower Upper
79 100
108 78.0 65.9 98.9
77 61.8 49.4 74.2

Manual Integrations
APPROVED

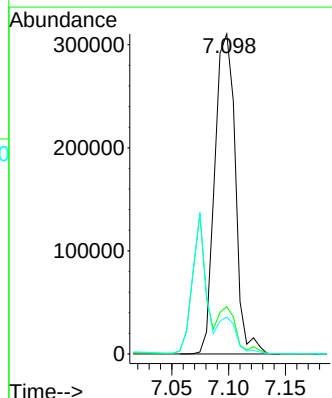
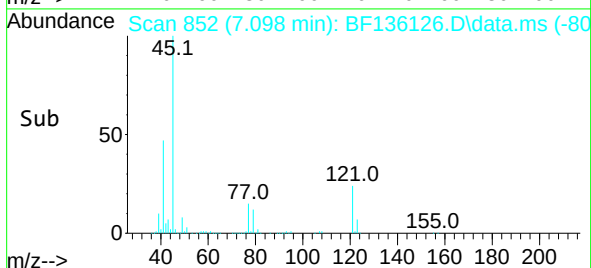
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

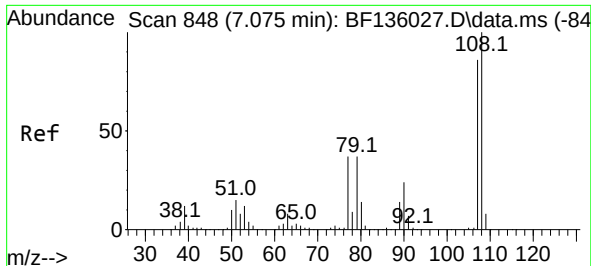


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.537 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



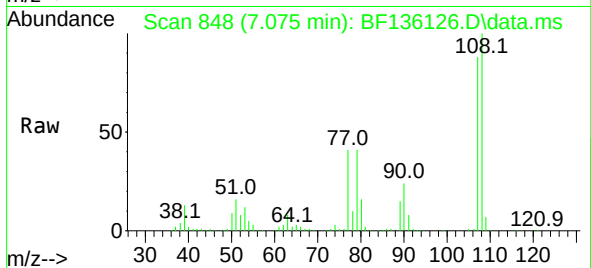
Tgt Ion: 45 Resp: 389690
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.6
79 11.5 0.0 30.6





#17
2-Methylphenol
Concen: 41.410 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

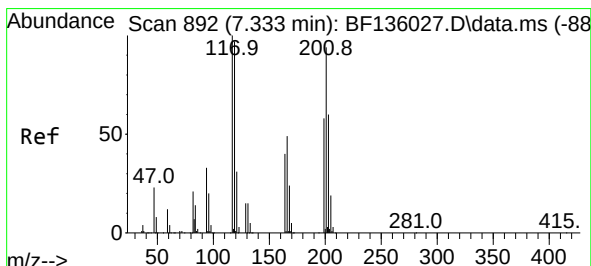
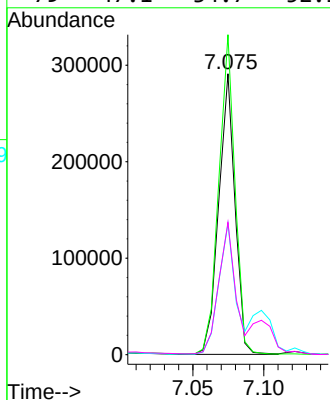
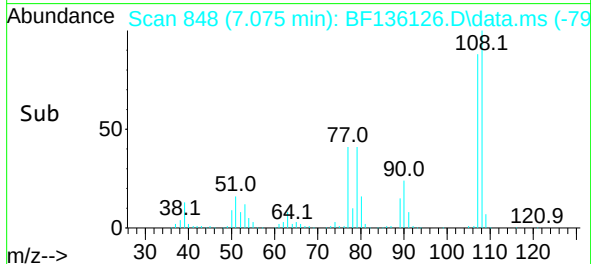
Instrument :
BNA_F
ClientSampleId :
SCFMS



Tgt Ion:107 Resp: 231458
Ion Ratio Lower Upper
107 100
108 113.9 93.4 140.2
77 46.6 34.4 51.6
79 47.1 34.7 52.1

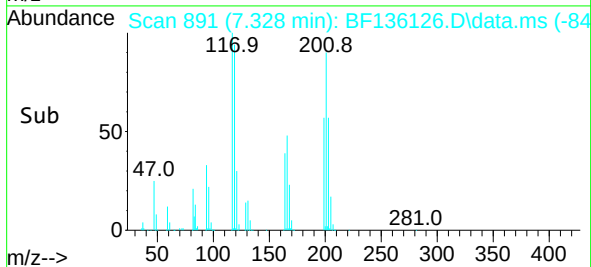
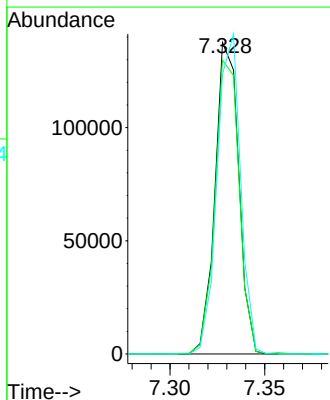
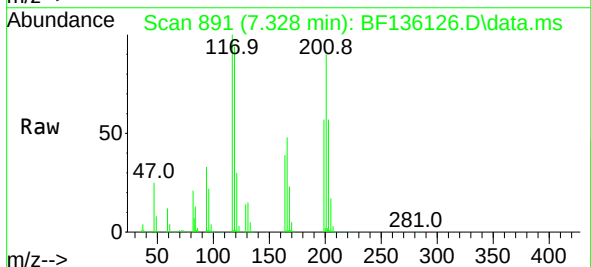
Manual Integrations
APPROVED

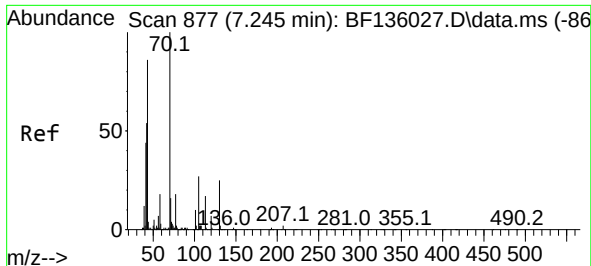
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#18
Hexachloroethane
Concen: 49.468 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Tgt Ion:117 Resp: 119484
Ion Ratio Lower Upper
117 100
119 94.4 77.7 116.5
201 89.8 75.0 112.6





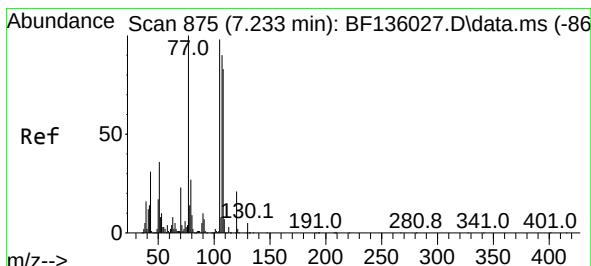
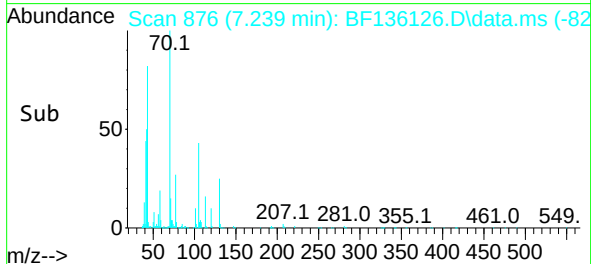
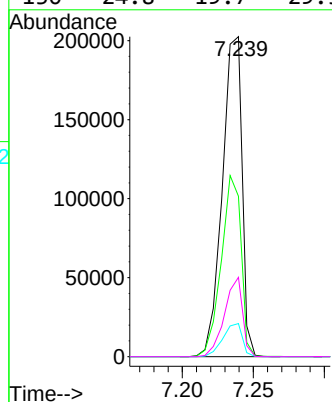
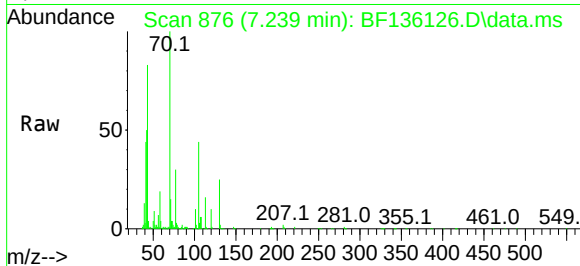
#19
n-Nitroso-di-n-propylamine
Concen: 44.679 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Instrument :
BNA_F
ClientSampleId :
SCFMS

Tgt Ion: 70 Resp: 196015
Ion Ratio Lower Upper
70 100
42 50.2 43.0 64.4
101 10.4 8.0 12.0
130 24.8 19.7 29.5

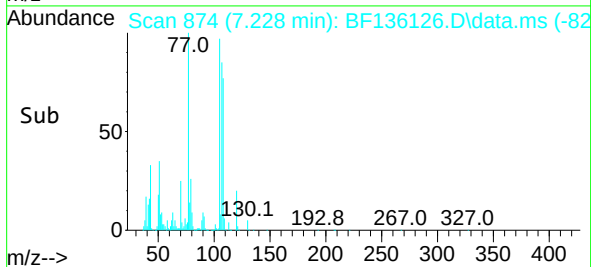
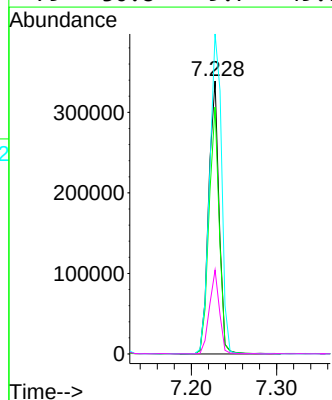
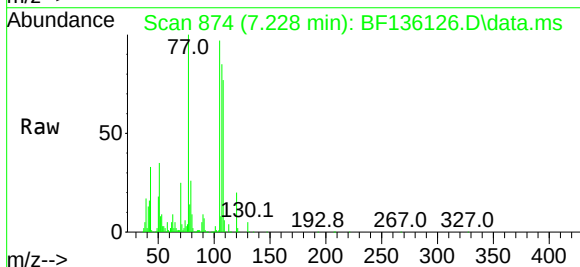
Manual Integrations
APPROVED

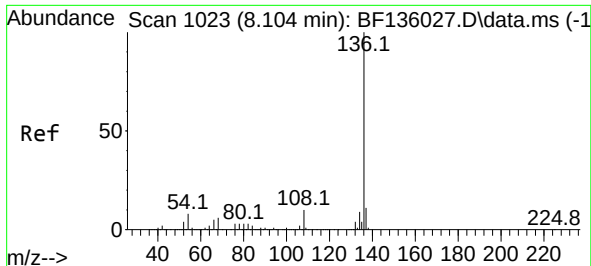
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#20
3+4-Methylphenols
Concen: 42.236 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Tgt Ion:107 Resp: 287863
Ion Ratio Lower Upper
107 100
108 90.5 72.3 112.3
77 117.3 91.4 131.4
79 30.8 9.7 49.7





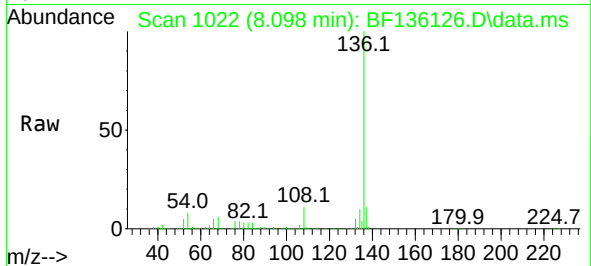
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

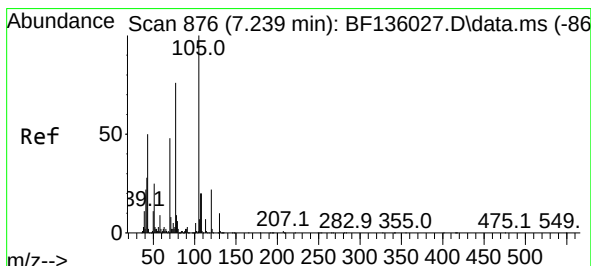
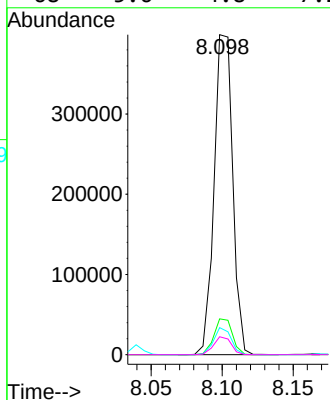
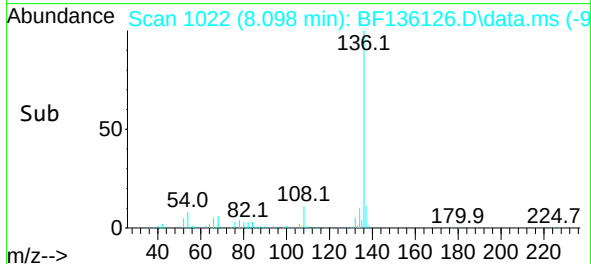


Tgt Ion:136 Resp: 363309
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.5 6.6 9.8
68 5.6 4.8 7.2

Manual Integrations

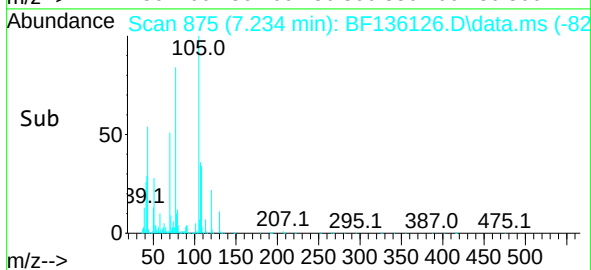
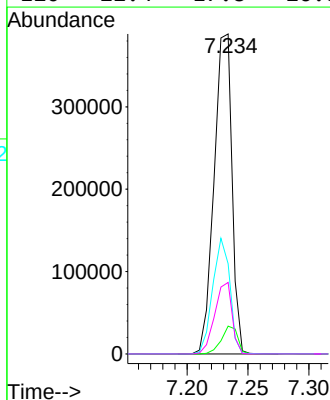
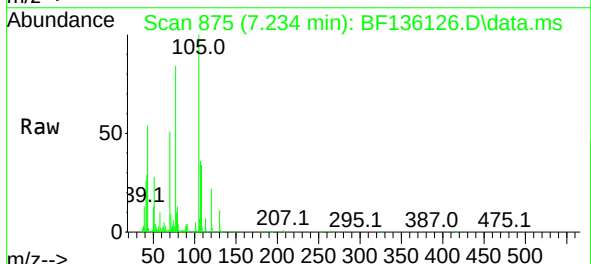
APPROVED

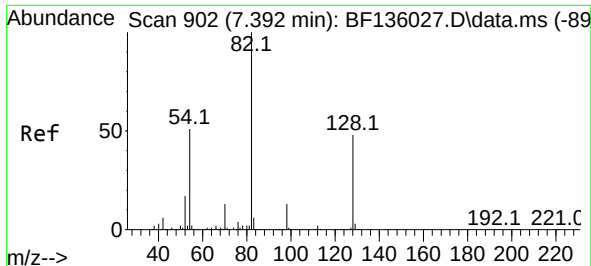
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#22
Acetophenone
Concen: 49.424 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

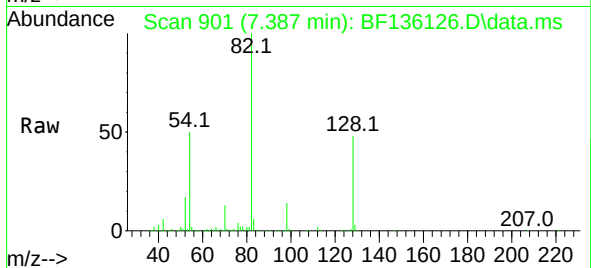
Tgt Ion:105 Resp: 398160
Ion Ratio Lower Upper
105 100
71 8.7 6.5 9.7
51 28.2 20.3 30.5
120 22.4 17.8 26.8





#23
Nitrobenzene-d5
Concen: 80.581 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

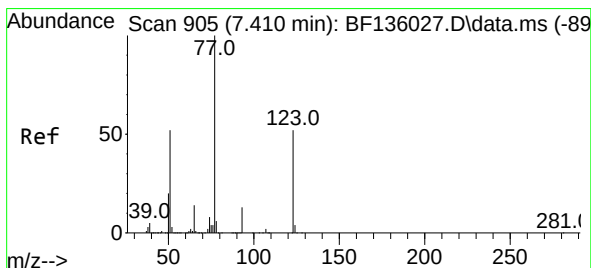
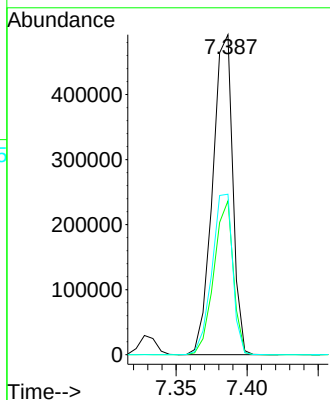
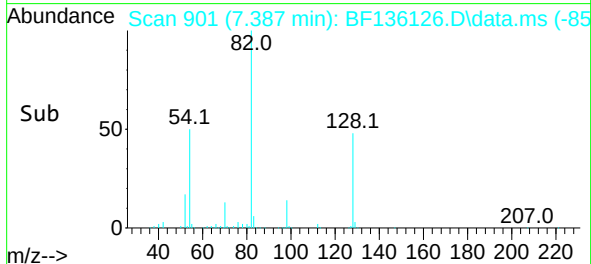
Instrument :
BNA_F
ClientSampleId :
SCFMS



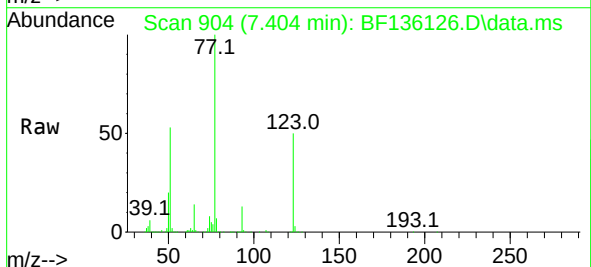
Tgt Ion: 82 Resp: 48564
Ion Ratio Lower Upper
82 100
128 48.1 38.6 57.8
54 50.1 40.8 61.2

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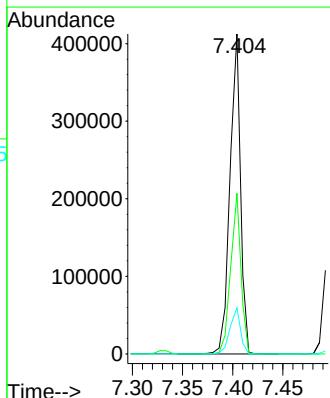
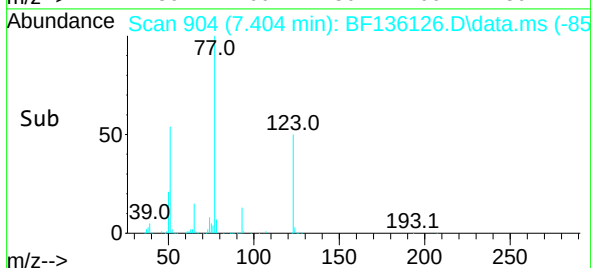
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

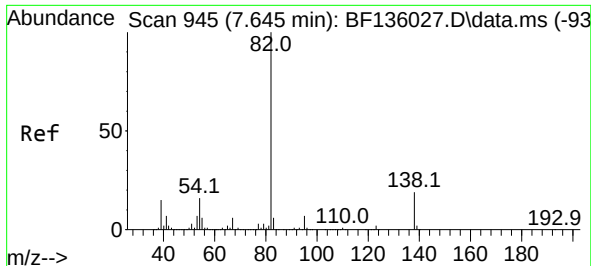


#24
Nitrobenzene
Concen: 49.399 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



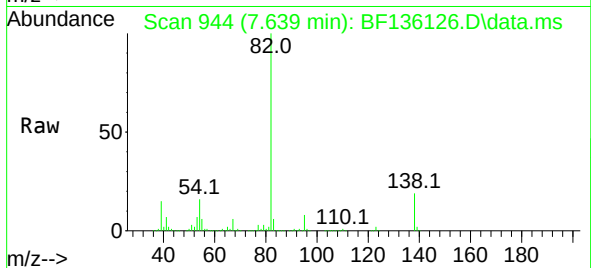
Tgt Ion: 77 Resp: 301145
Ion Ratio Lower Upper
77 100
123 50.2 42.3 63.5
65 14.5 11.0 16.6





#25
Isophorone
Concen: 47.916 ng
RT: 7.639 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

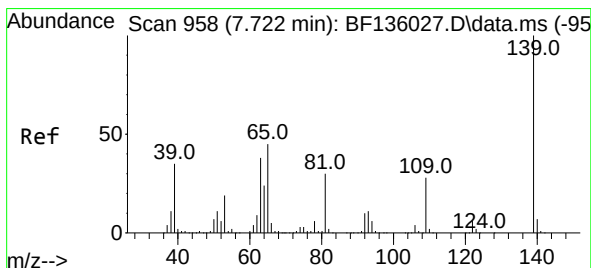
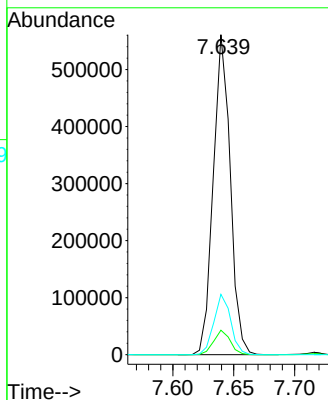
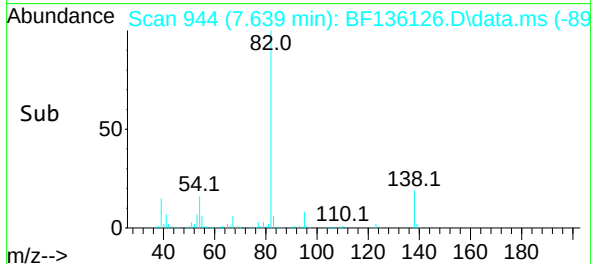
Instrument :
BNA_F
ClientSampleId :
SCFMS



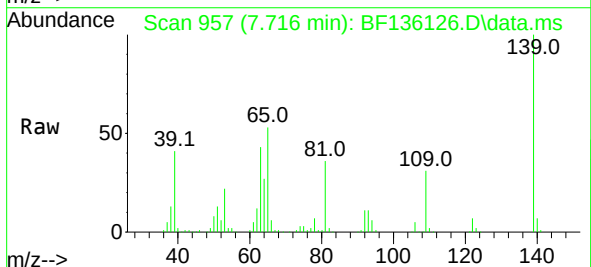
Tgt Ion: 82 Resp: 545170
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 18.9 15.3 22.9

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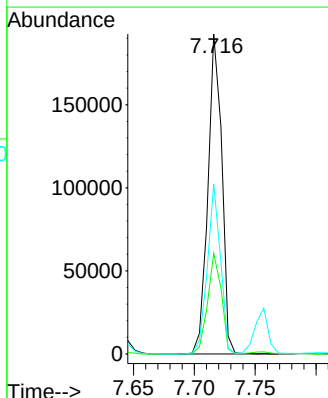
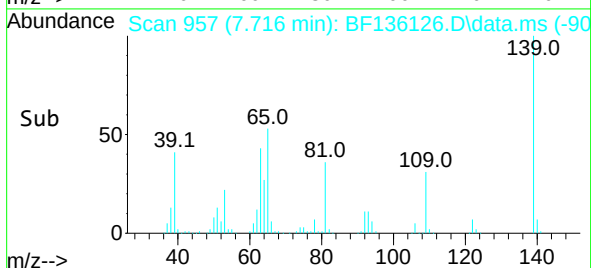
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

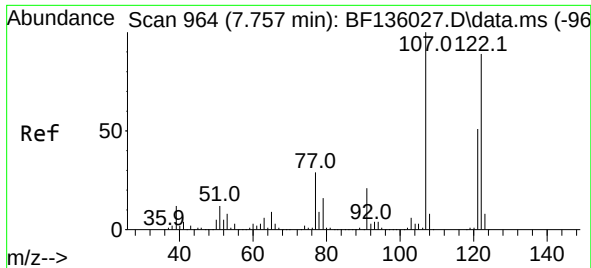


#26
2-Nitrophenol
Concen: 54.594 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



Tgt Ion:139 Resp: 151846
Ion Ratio Lower Upper
139 100
109 31.4 22.6 34.0
65 53.1 36.3 54.5





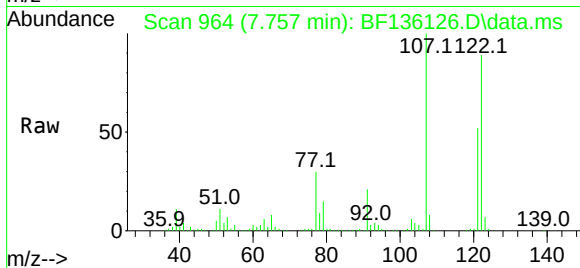
#27
2,4-Dimethylphenol
Concen: 42.351 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

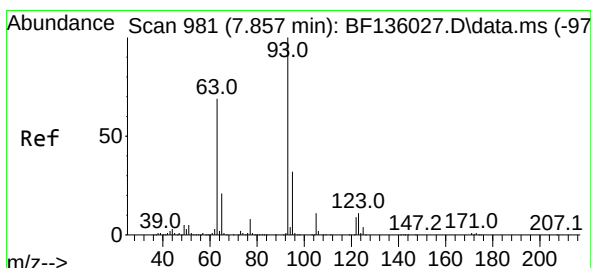
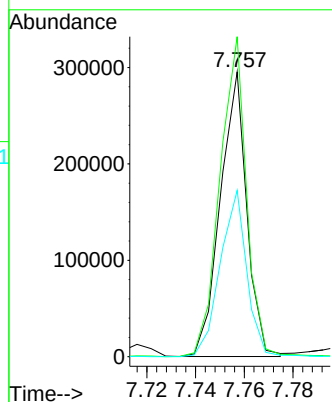
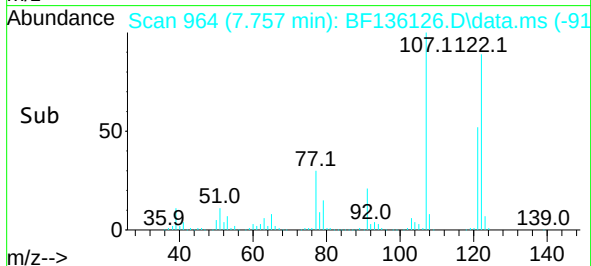


Tgt Ion:122 Resp: 222592
Ion Ratio Lower Upper
122 100
107 112.3 89.6 134.4
121 58.3 46.0 69.0

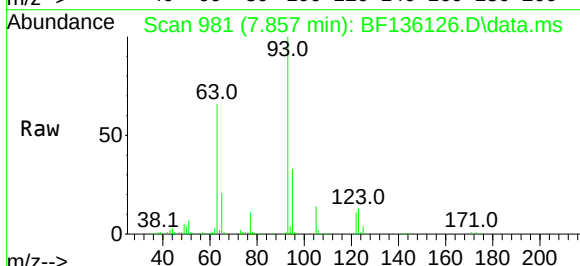
Manual Integrations

APPROVED

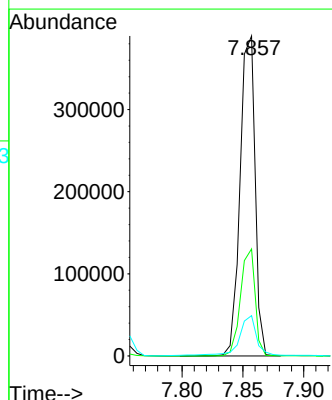
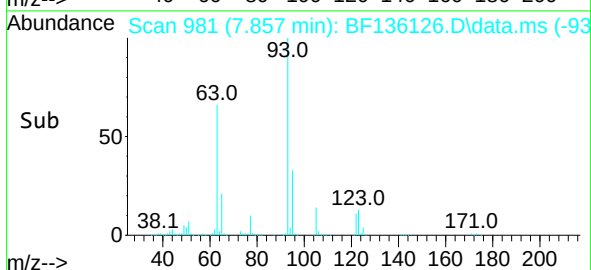
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

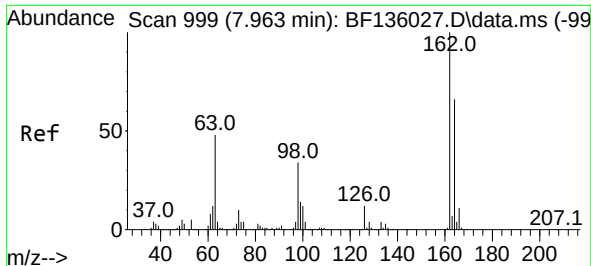


#28
bis(2-Chloroethoxy)methane
Concen: 47.833 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



Tgt Ion: 93 Resp: 333457
Ion Ratio Lower Upper
93 100
95 33.4 25.7 38.5
123 12.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.562 ng

RT: 7.957 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

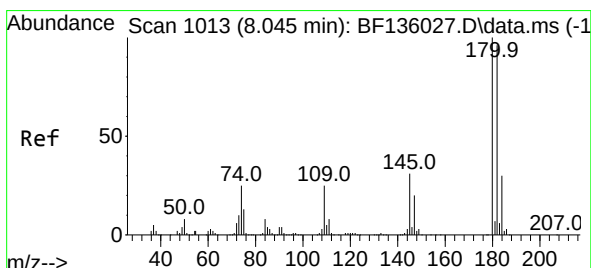
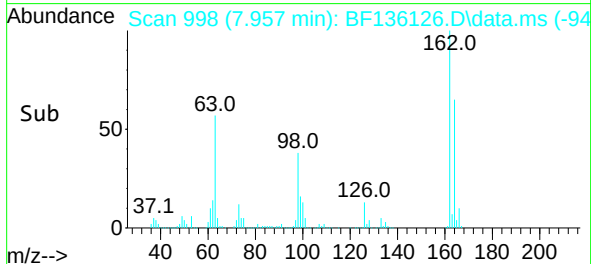
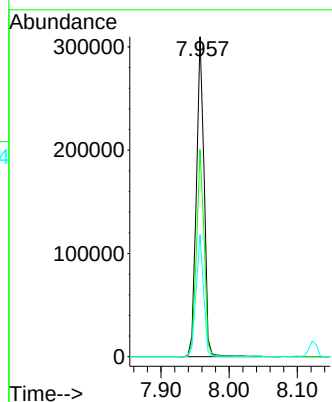
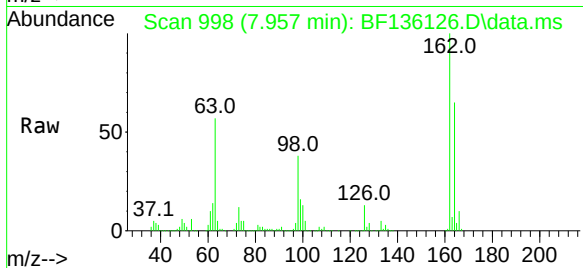
Tgt Ion:162	Resp: 240614
Ion Ratio	Lower Upper
162 100	
164 64.8	45.5 85.5
98 38.2	14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.400 ng

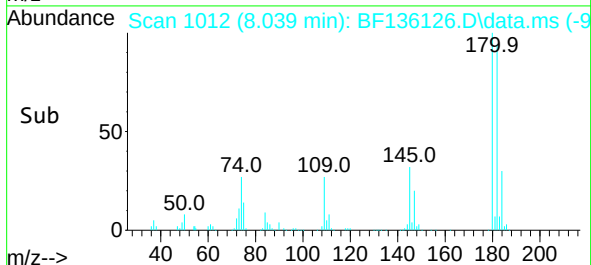
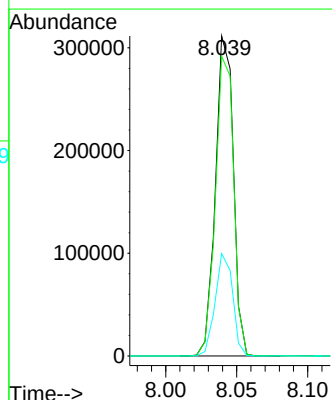
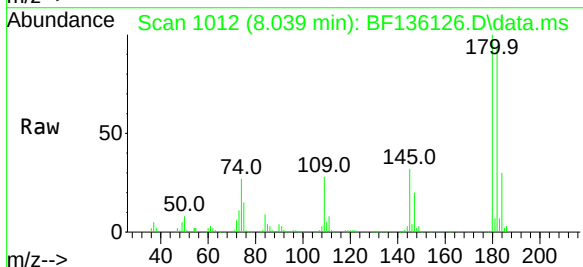
RT: 8.039 min Scan# 1012

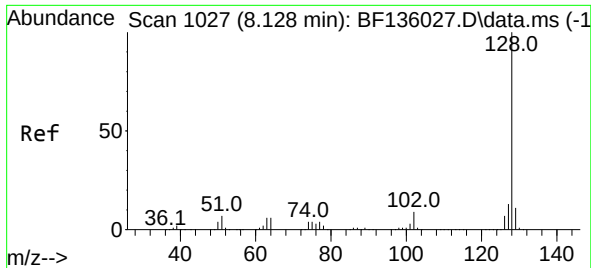
Delta R.T. -0.006 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

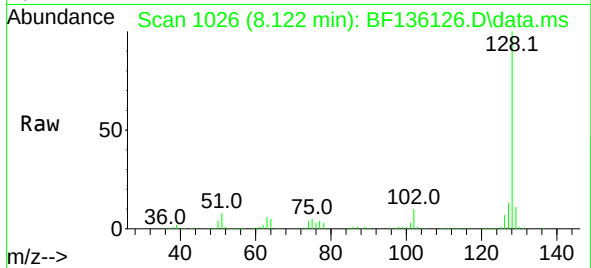
Tgt Ion:180	Resp: 272422
Ion Ratio	Lower Upper
180 100	
182 93.7	76.9 115.3
145 32.0	24.7 37.1





#31
Naphthalene
Concen: 48.430 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

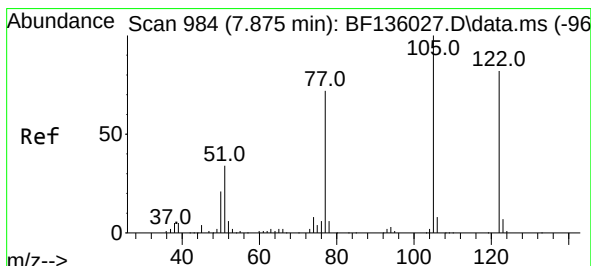
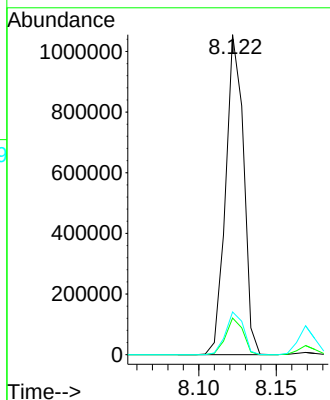
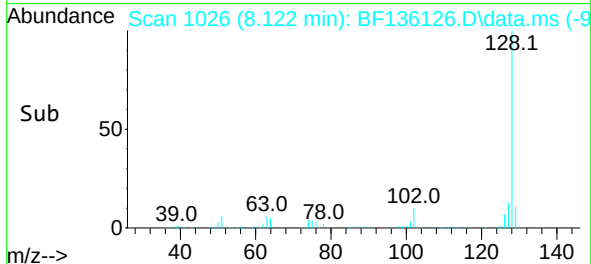
Instrument :
BNA_F
ClientSampleId :
SCFMS



Tgt Ion:128 Resp: 84845
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.3 10.5 15.7

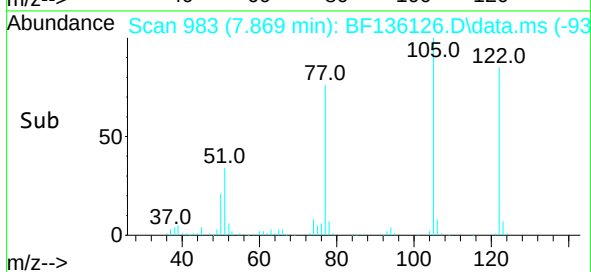
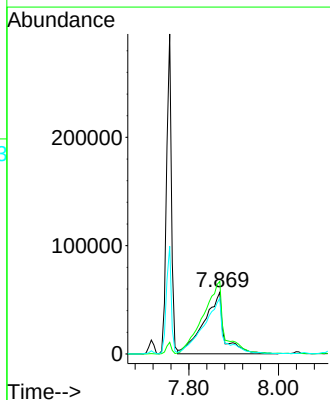
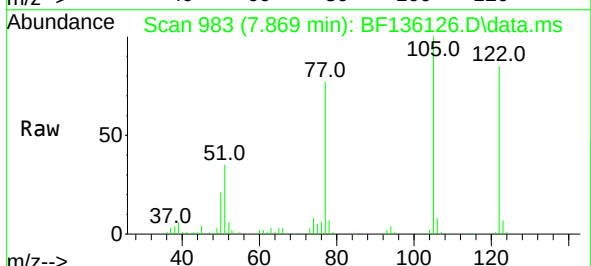
Manual Integrations
APPROVED

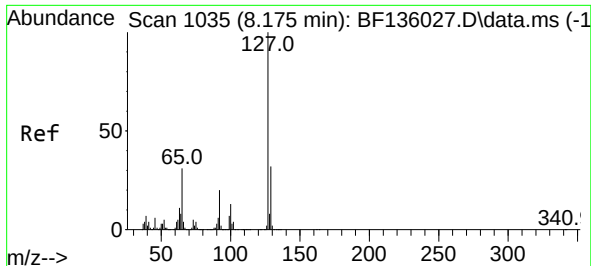
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#32
Benzoic acid
Concen: 43.610 ng m
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

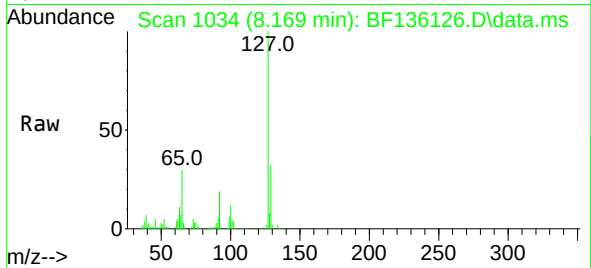
Tgt Ion:122 Resp: 181412
Ion Ratio Lower Upper
122 100
105 117.8 99.5 139.5
77 90.4 66.8 106.8





#33
4-Chloroaniline
Concen: 10.172 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

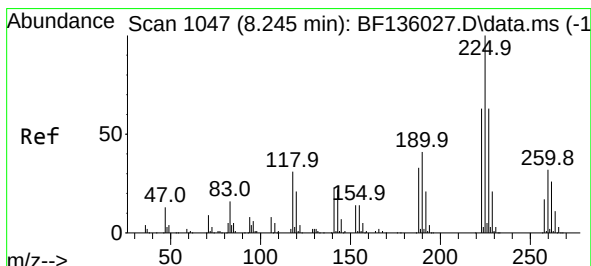
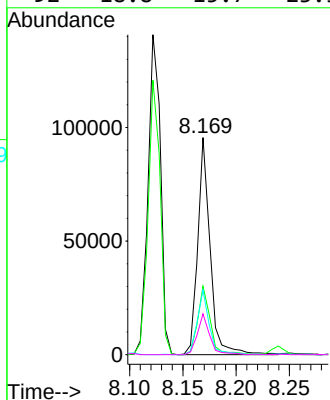
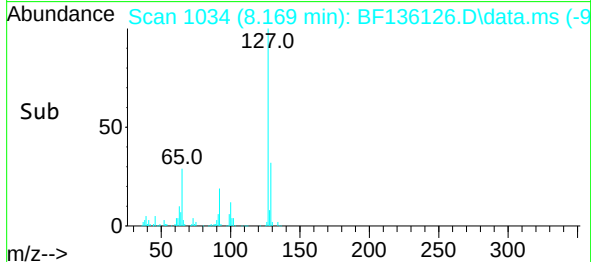
Instrument :
BNA_F
ClientSampleId :
SCFMS



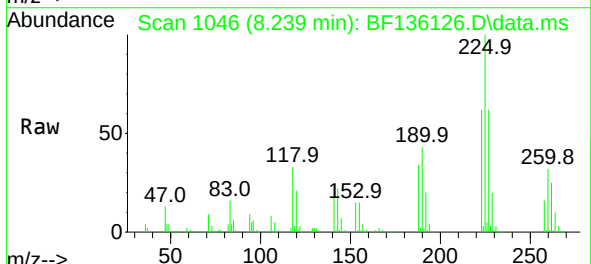
Tgt Ion:127 Resp: 78044
Ion Ratio Lower Upper
127 100
129 31.5 25.9 38.9
65 29.7 24.6 37.0
92 18.8 15.7 23.5

Manual Integrations
APPROVED

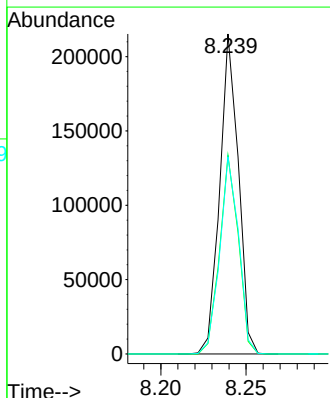
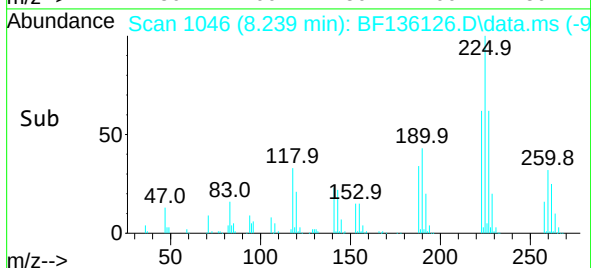
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

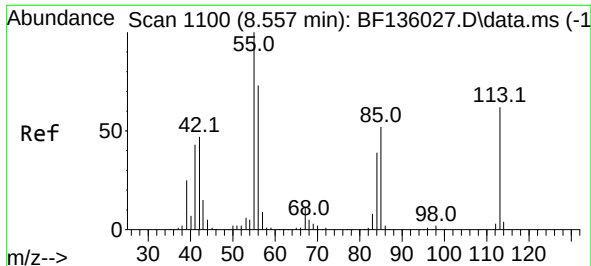


#34
Hexachlorobutadiene
Concen: 52.884 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



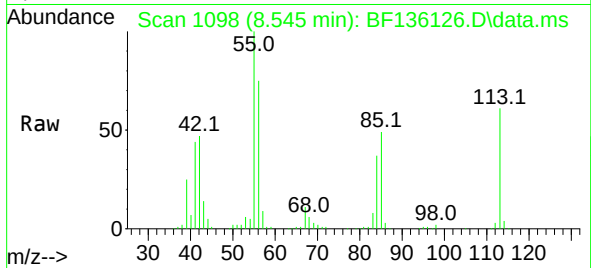
Tgt Ion:225 Resp: 163930
Ion Ratio Lower Upper
225 100
223 62.1 50.3 75.5
227 61.6 50.6 75.8





#35
 Caprolactam
 Concen: 46.264 ng m
 RT: 8.545 min Scan# 1098
 Delta R.T. -0.012 min
 Lab File: BF136126.D
 Acq: 03 Nov 2023 16:09

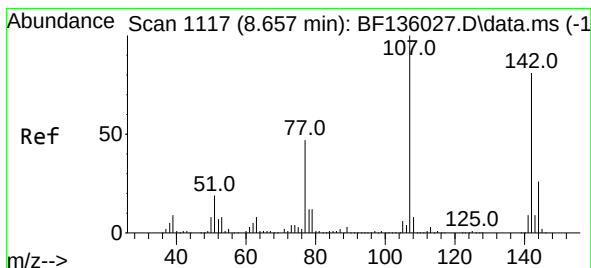
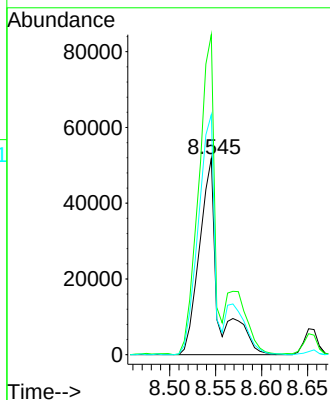
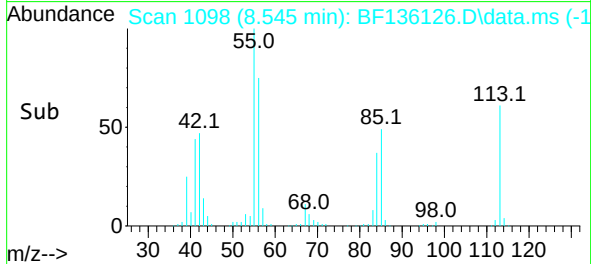
Instrument :
 BNA_F
 ClientSampleId :
 SCFMS



Tgt Ion:113 Resp: 7453
 Ion Ratio Lower Upper
 113 100
 55 163.1 142.2 182.2
 56 122.3 97.7 137.7

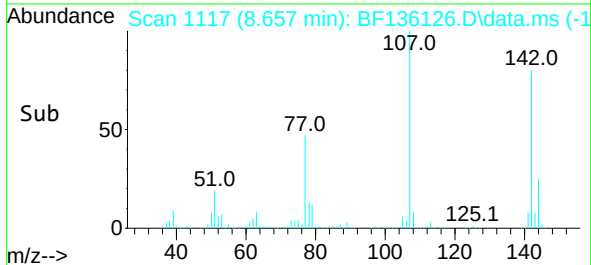
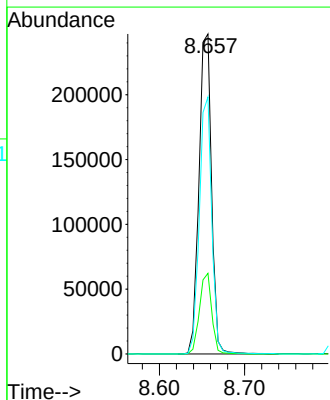
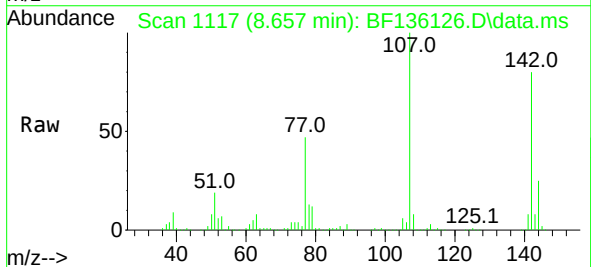
Manual Integrations
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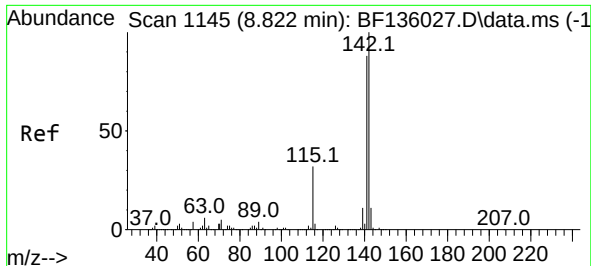
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023



#36
 4-Chloro-3-methylphenol
 Concen: 48.705 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: BF136126.D
 Acq: 03 Nov 2023 16:09

Tgt Ion:107 Resp: 253353
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.6 31.0
 142 80.3 64.6 97.0





#37

2-Methylnaphthalene

Concen: 45.960 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

Tgt Ion:142 Resp: 53988

Ion Ratio Lower Upper

142 100

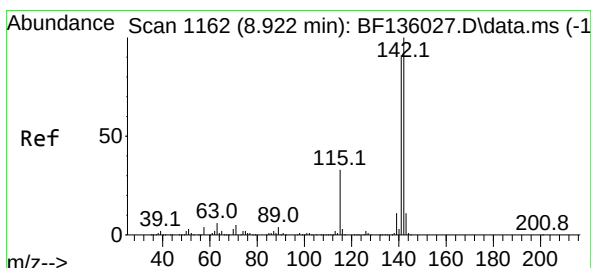
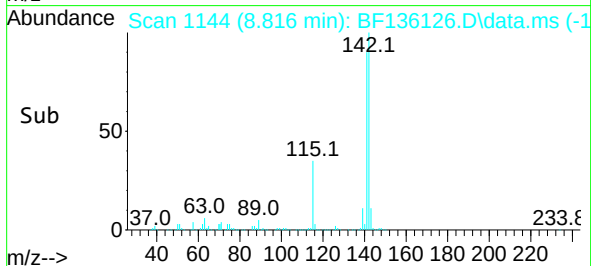
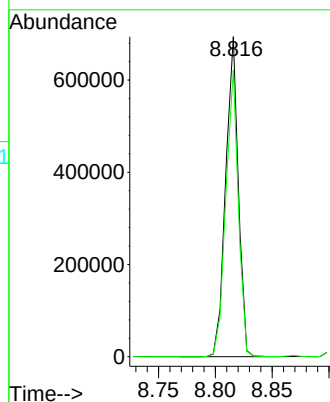
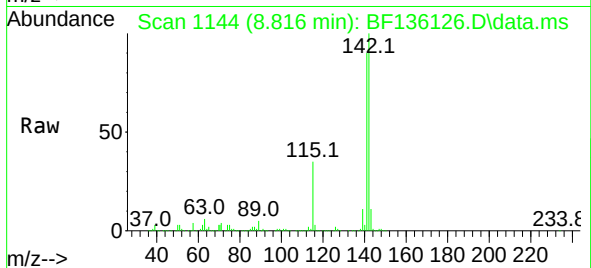
141 89.6 70.4 105.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#38

1-Methylnaphthalene

Concen: 47.770 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF136126.D

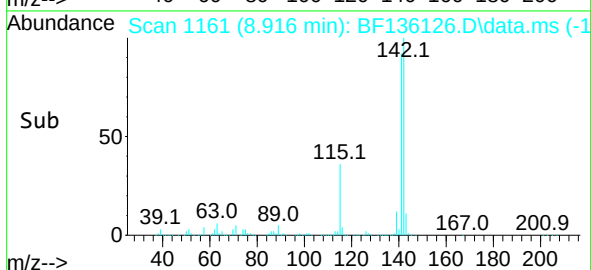
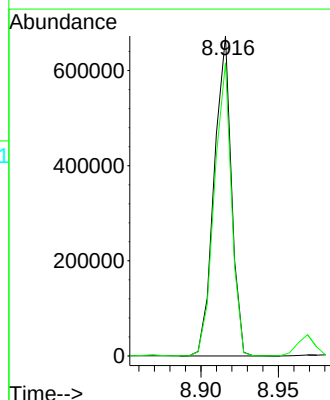
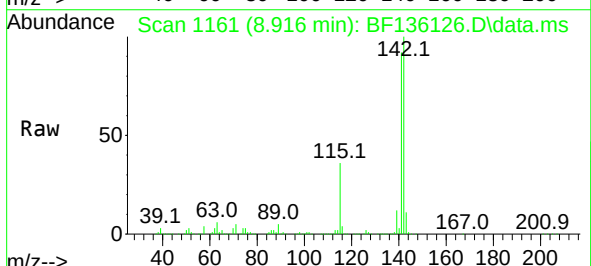
Acq: 03 Nov 2023 16:09

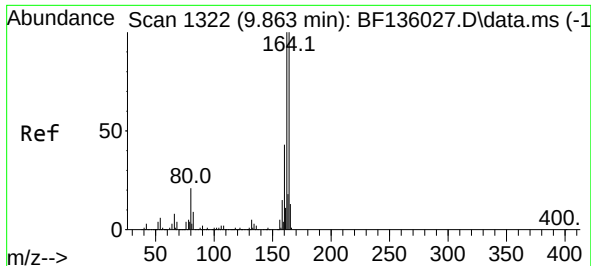
Tgt Ion:142 Resp: 522221

Ion Ratio Lower Upper

142 100

141 91.6 72.6 109.0





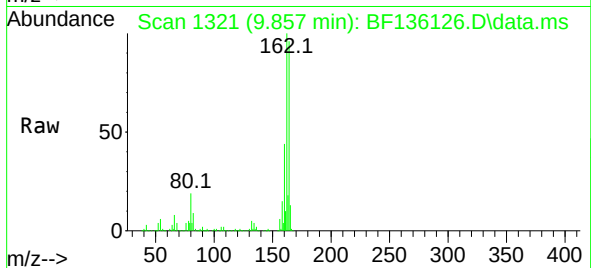
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

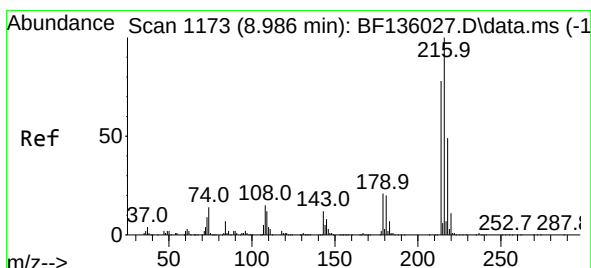
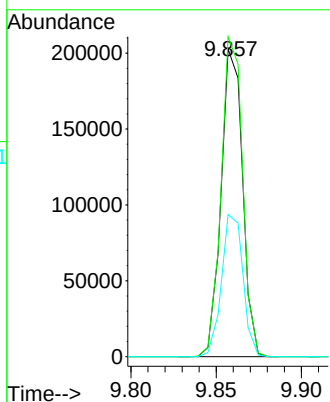
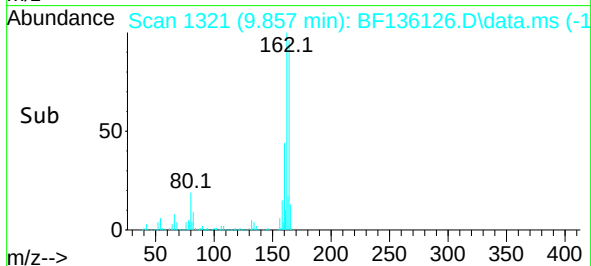


Tgt Ion:164 Resp: 17772
Ion Ratio Lower Upper
164 100
162 104.0 80.1 120.1
160 46.2 34.8 52.2

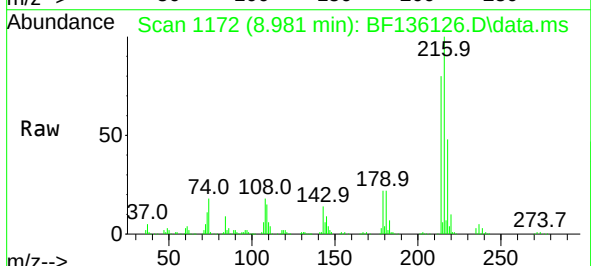
Manual Integrations

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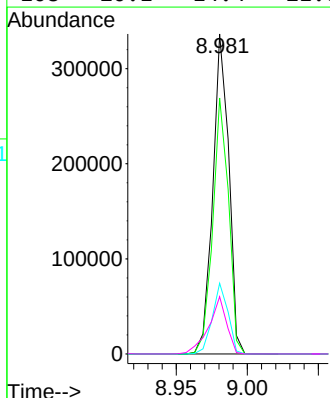
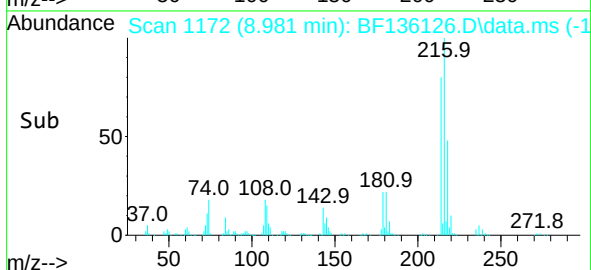
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

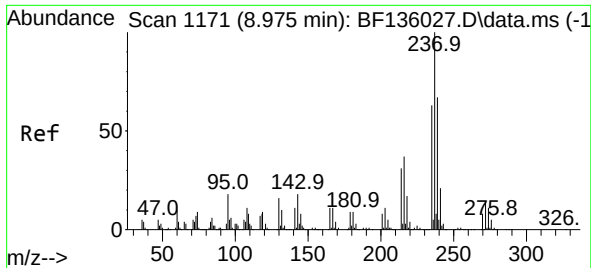


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.605 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



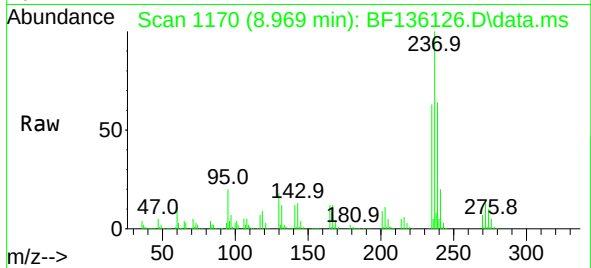
Tgt Ion:216 Resp: 261559
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.6
179 21.7 17.5 26.3
108 20.1 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 103.609 ng
RT: 8.969 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

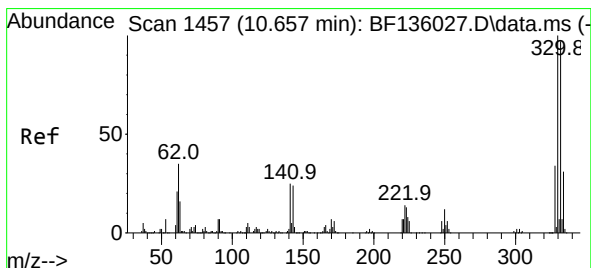
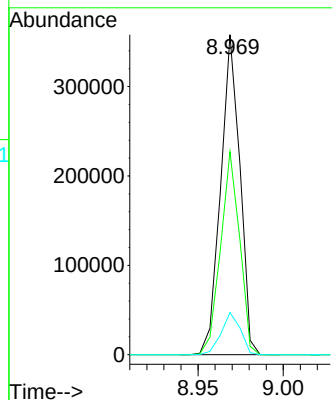
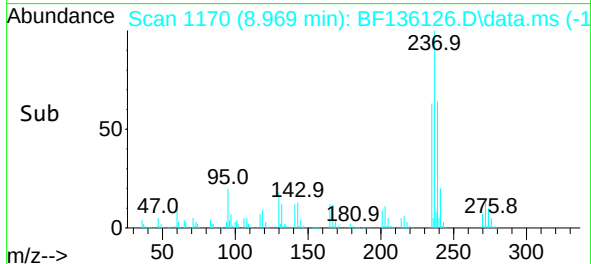
Instrument :
BNA_F
ClientSampleId :
SCFMS



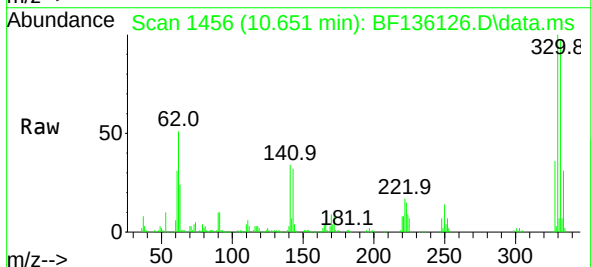
Tgt Ion: 237 Resp: 28055
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 13.1 0.0 34.2

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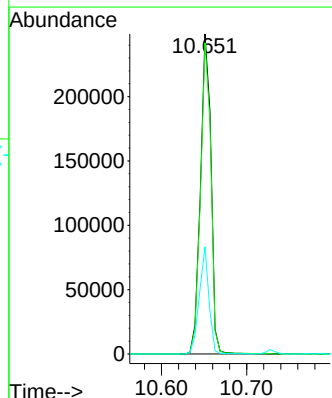
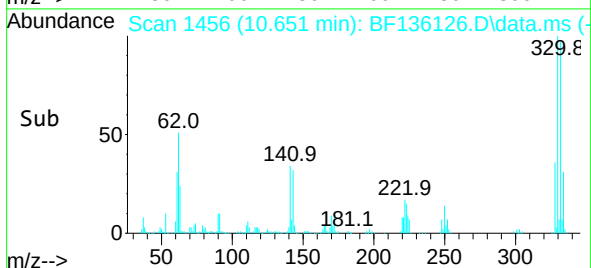
Reviewed By : Yogesh Patel 11/04/2023
Supervised By : mohammad ahmed 11/04/2023

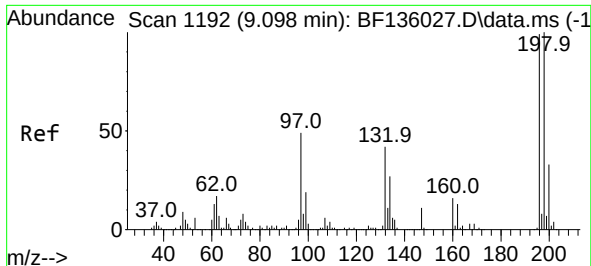


#42
2,4,6-Tribromophenol
Concen: 112.684 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



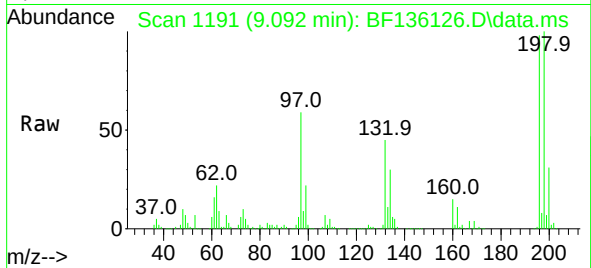
Tgt Ion: 330 Resp: 213759
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 30.9 23.2 34.8





#43
2,4,6-Trichlorophenol
Concen: 50.379 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

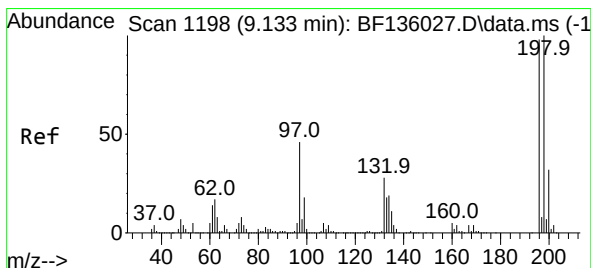
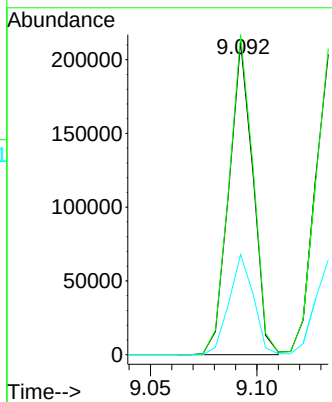
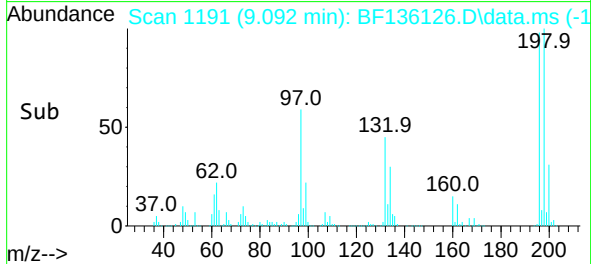
Instrument :
BNA_F
ClientSampleId :
SCFMS



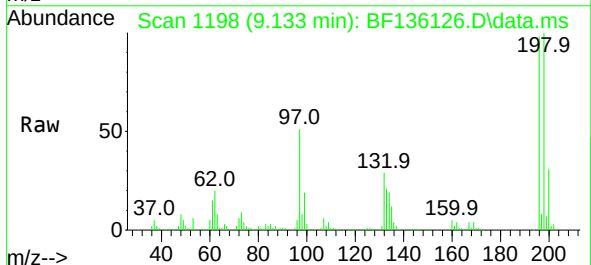
Tgt Ion:196 Resp: 166489
Ion Ratio Lower Upper
196 100
198 102.2 80.7 121.1
200 32.0 26.8 40.2

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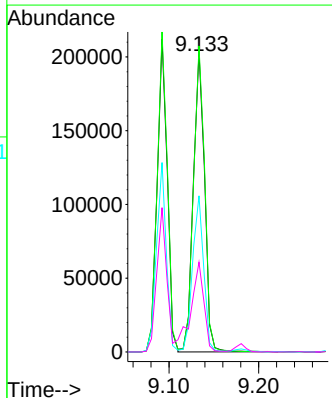
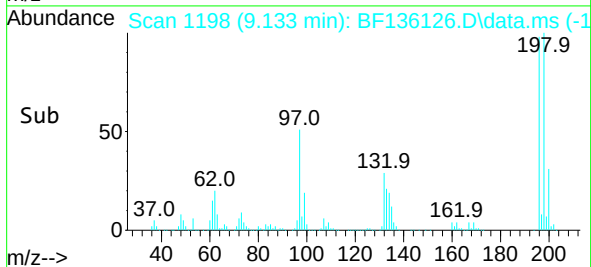
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

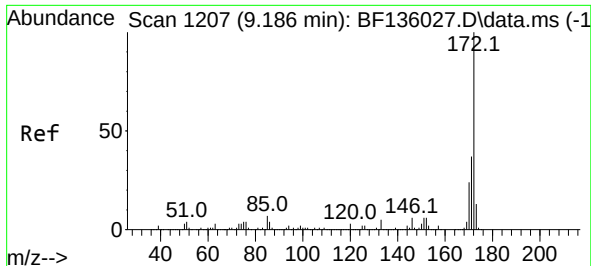


#44
2,4,5-Trichlorophenol
Concen: 46.316 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



Tgt Ion:196 Resp: 177303
Ion Ratio Lower Upper
196 100
198 101.9 81.6 122.4
97 52.0 38.2 57.2
132 29.9 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 77.147 ng

RT: 9.181 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

Tgt Ion:172 Resp: 860100

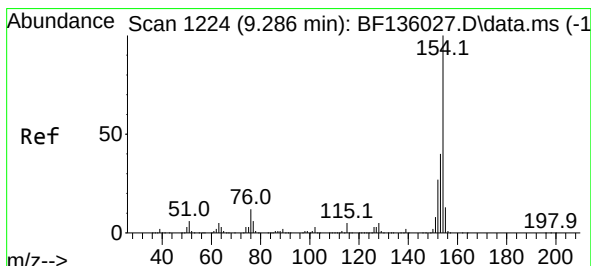
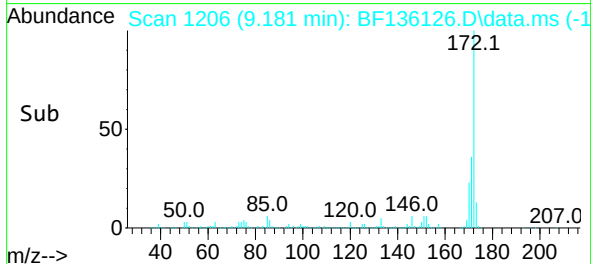
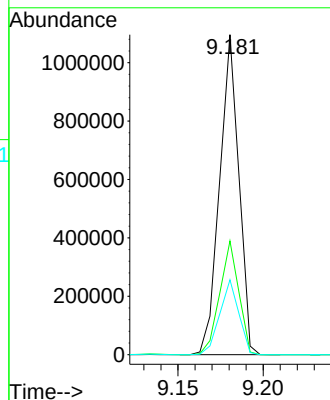
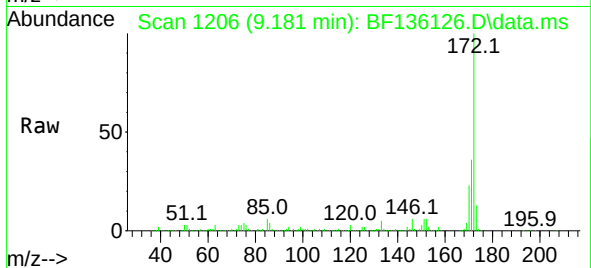
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	23.4	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#46

1,1'-Biphenyl

Concen: 51.357 ng

RT: 9.281 min Scan# 1223

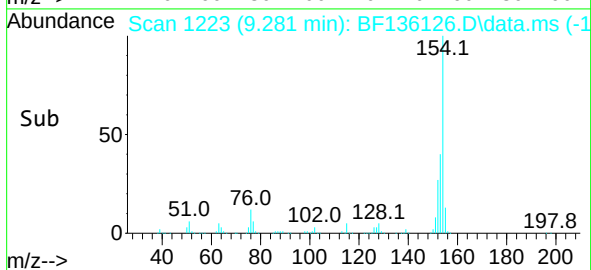
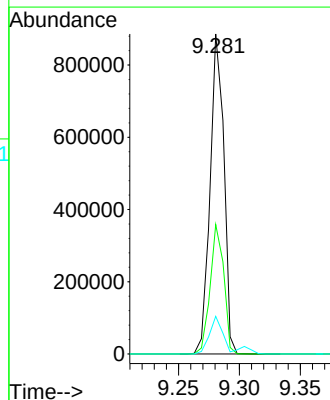
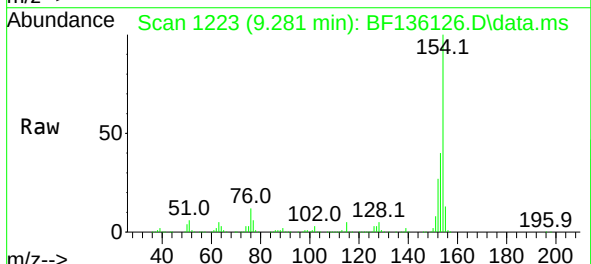
Delta R.T. -0.006 min

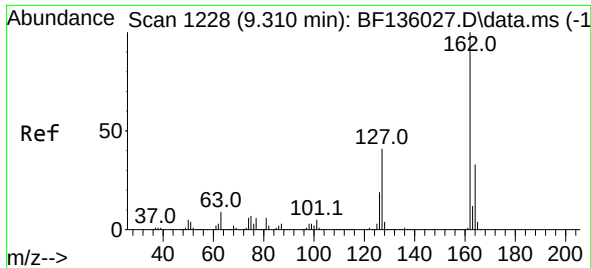
Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

Tgt Ion:154 Resp: 695785

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.1	60.1
76	11.8	0.0	32.5





#47

2-Chloronaphthalene

Concen: 51.793 ng

RT: 9.304 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

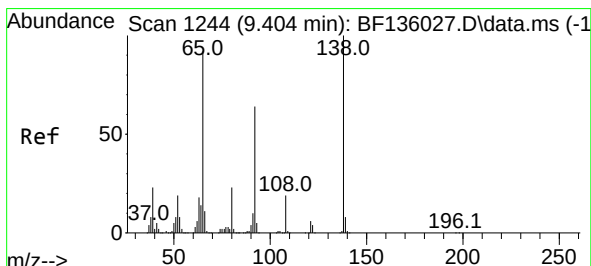
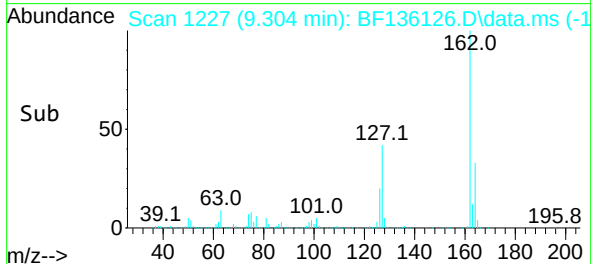
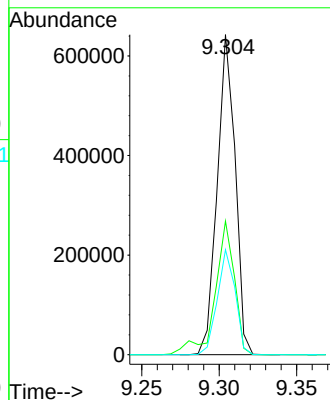
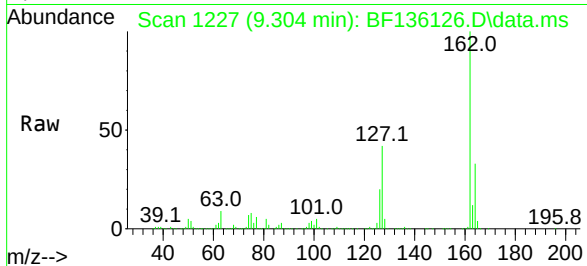
Tgt Ion:162 Resp: 517289
 Ion Ratio Lower Upper
 162 100
 127 41.7 32.4 48.6
 164 32.8 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#48

2-Nitroaniline

Concen: 49.898 ng

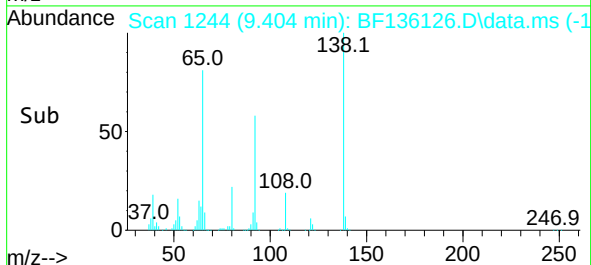
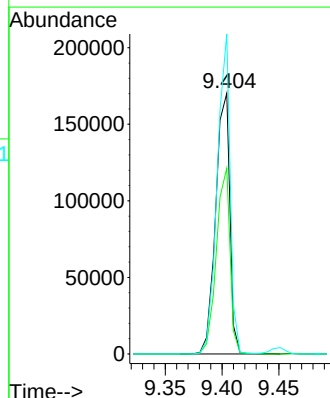
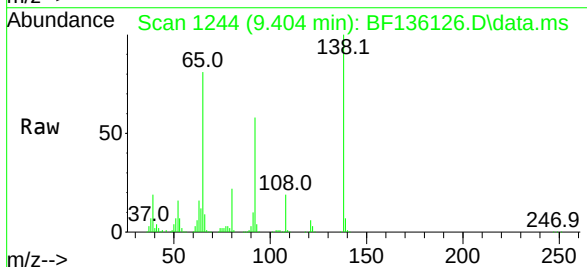
RT: 9.404 min Scan# 1244

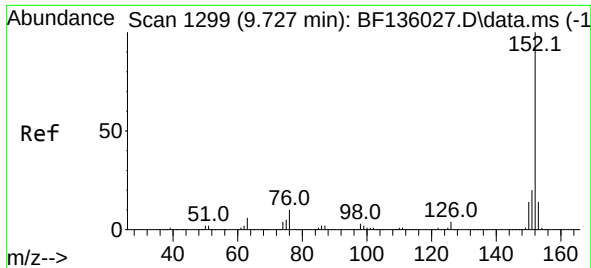
Delta R.T. 0.000 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

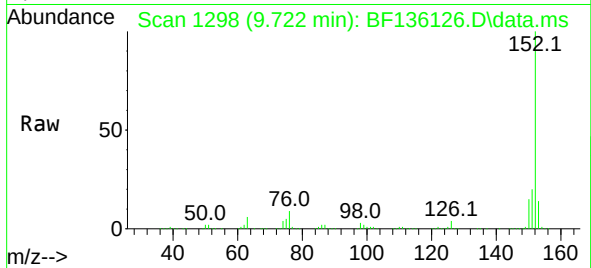
Tgt Ion: 65 Resp: 147489
 Ion Ratio Lower Upper
 65 100
 92 71.2 55.7 83.5
 138 122.7 86.8 130.2





#49
Acenaphthylene
Concen: 52.110 ng
RT: 9.722 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

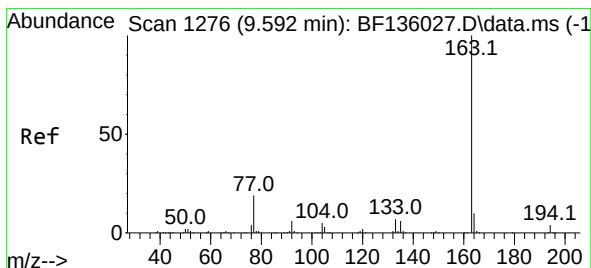
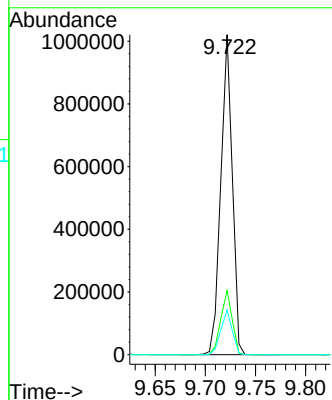
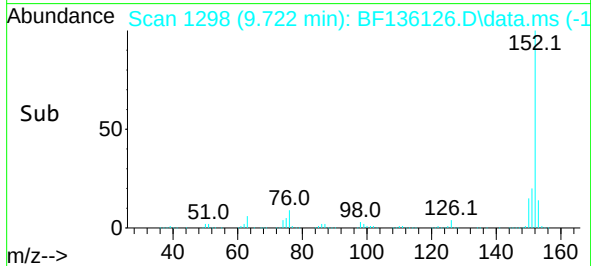
Instrument :
BNA_F
ClientSampleId :
SCFMS



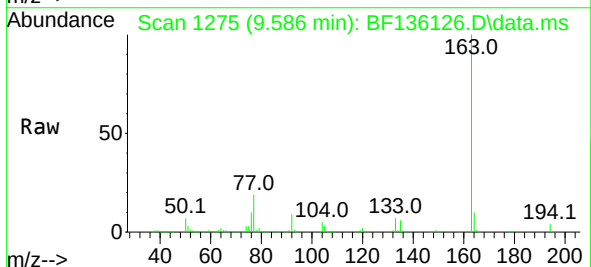
Tgt Ion:152 Resp: 81193
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 14.0 11.4 17.2

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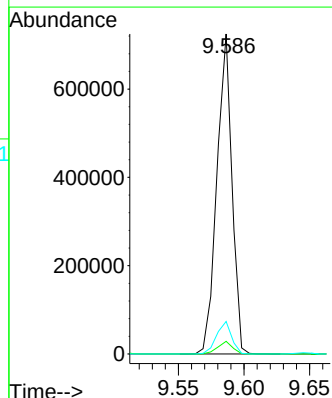
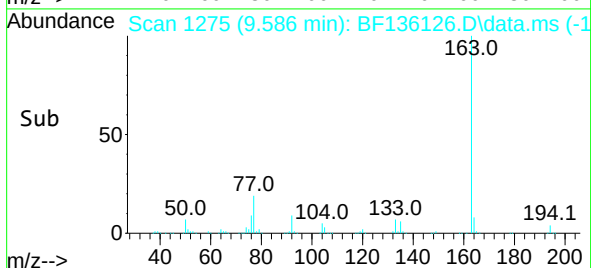
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

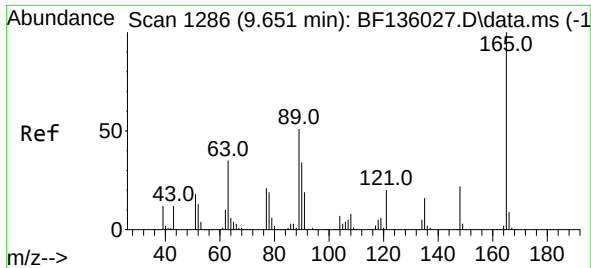


#50
Dimethylphthalate
Concen: 49.399 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



Tgt Ion:163 Resp: 579095
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.1 12.1





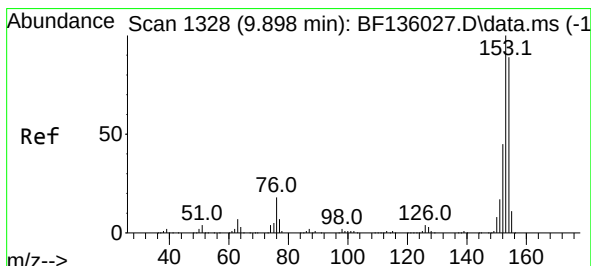
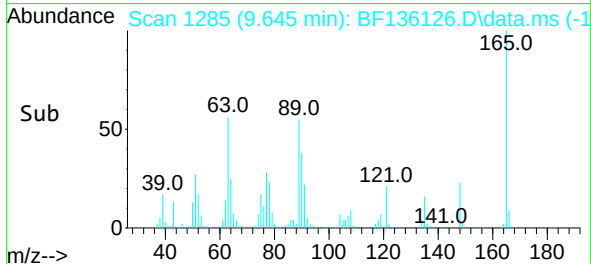
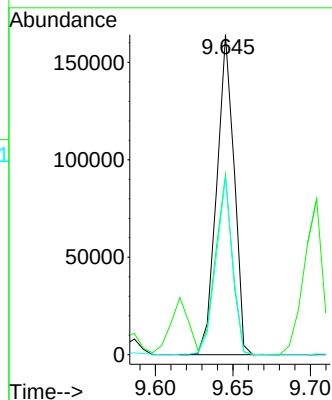
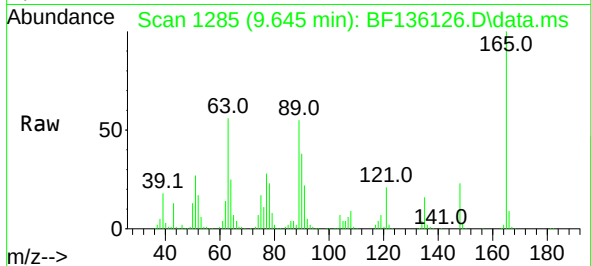
#51
2,6-Dinitrotoluene
Concen: 51.025 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Instrument :
BNA_F
ClientSampleId :
SCFMS

Tgt Ion:165 Resp: 127933
Ion Ratio Lower Upper
165 100
63 56.3 40.8 61.2
89 55.3 41.1 61.7

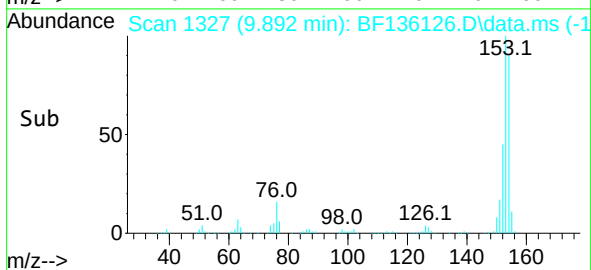
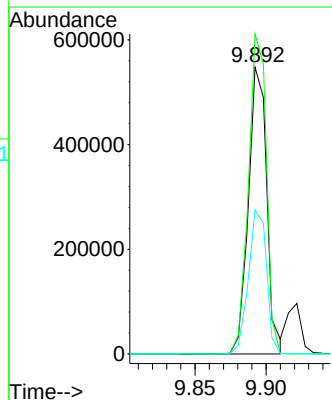
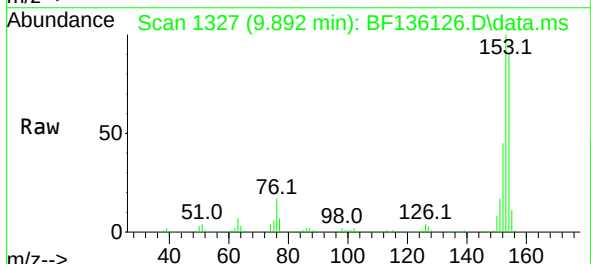
Manual Integrations
APPROVED

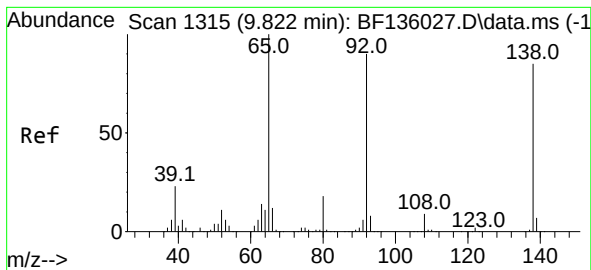
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#52
Acenaphthene
Concen: 49.622 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Tgt Ion:154 Resp: 491509
Ion Ratio Lower Upper
154 100
153 111.6 89.9 134.9
152 50.2 40.2 60.2





#53

3-Nitroaniline

Concen: 23.130 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.012 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

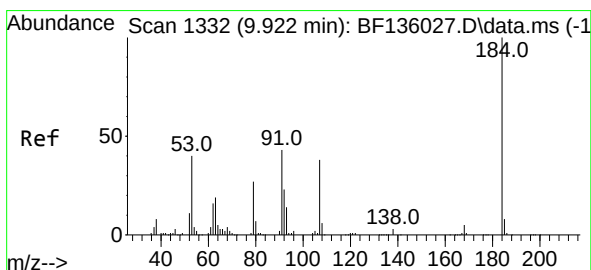
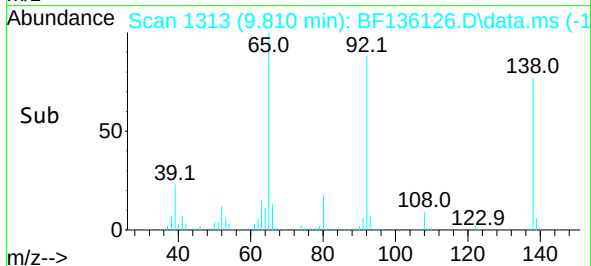
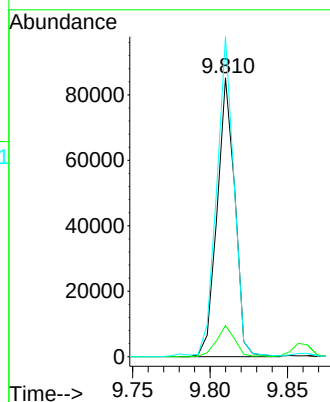
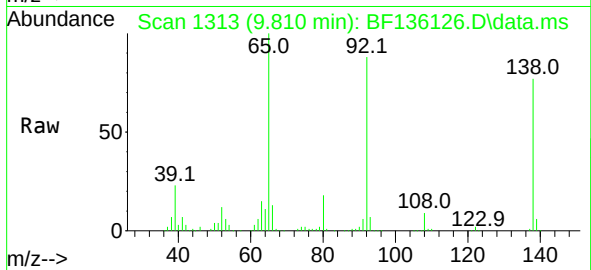
ClientSampleId :

SCFMS

Tgt Ion:138 Resp: 6766
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.8 13.2
 92 114.7 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: 85.579 ng

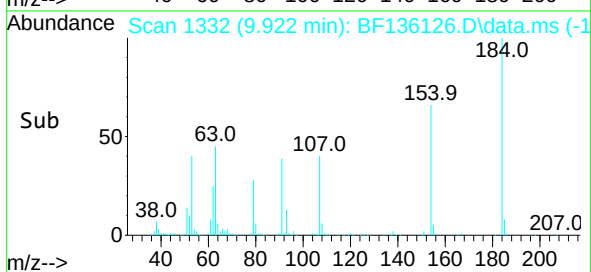
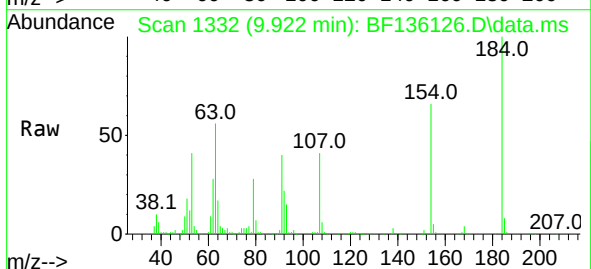
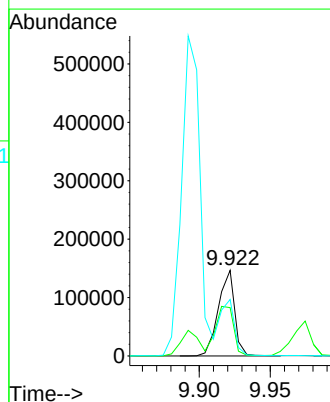
RT: 9.922 min Scan# 1332

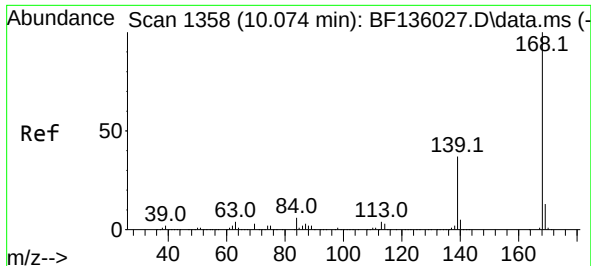
Delta R.T. -0.000 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

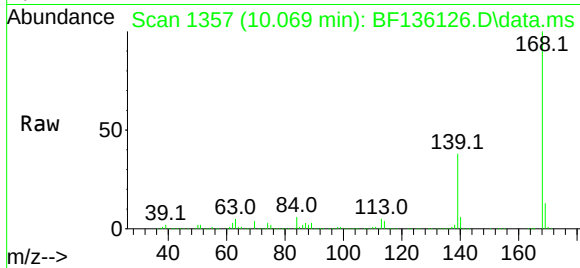
Tgt Ion:184 Resp: 117132
 Ion Ratio Lower Upper
 184 100
 63 56.4 43.7 65.5
 154 65.9 51.2 76.8





#55
Dibenzenofuran
Concen: 48.792 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

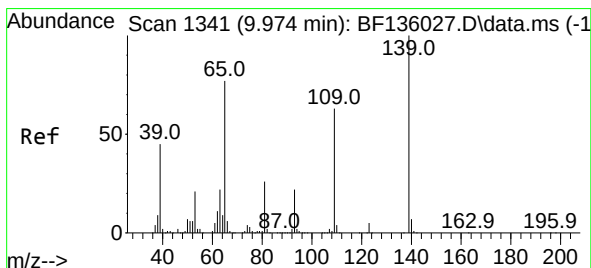
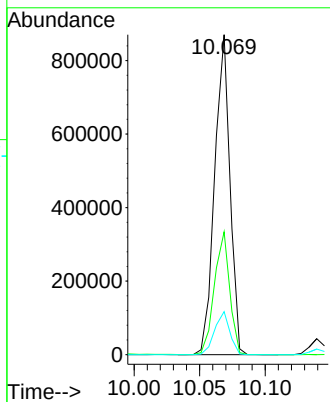
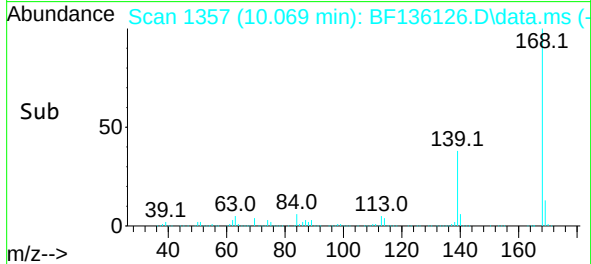
Instrument :
BNA_F
ClientSampleId :
SCFMS



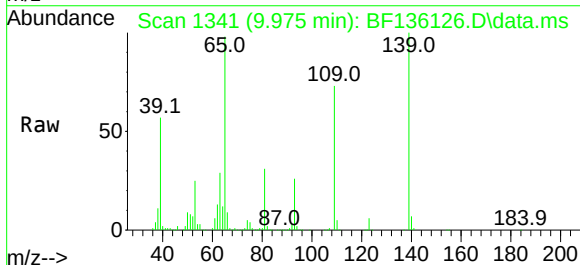
Tgt Ion:168 Resp: 704708
Ion Ratio Lower Upper
168 100
139 38.4 29.4 44.0
169 13.5 10.5 15.7

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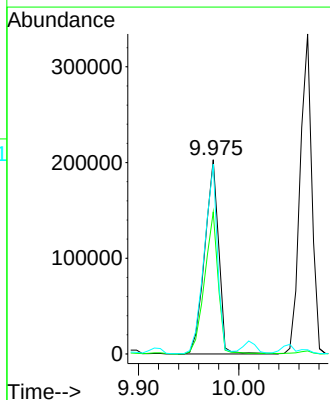
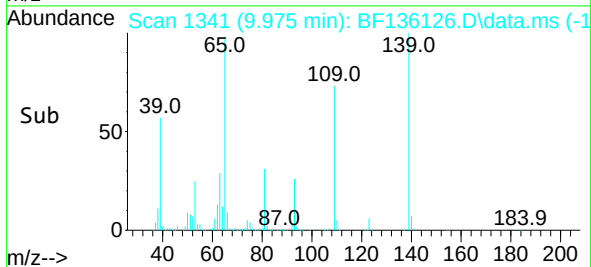
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

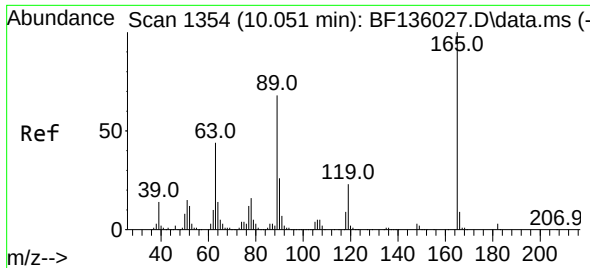


#56
4-Nitrophenol
Concen: 90.250 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



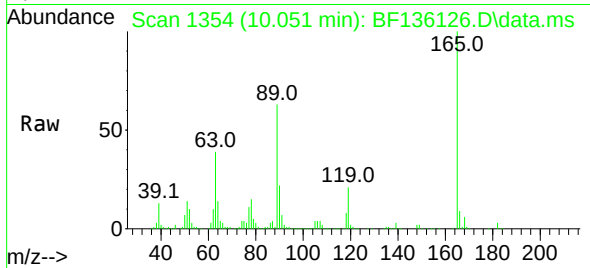
Tgt Ion:139 Resp: 197497
Ion Ratio Lower Upper
139 100
109 73.1 43.2 83.2
65 97.7 57.6 97.6#





#57
2,4-Dinitrotoluene
Concen: 52.124 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

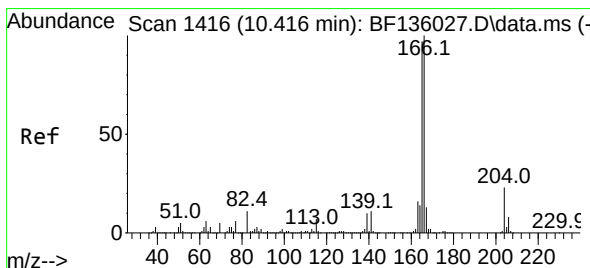
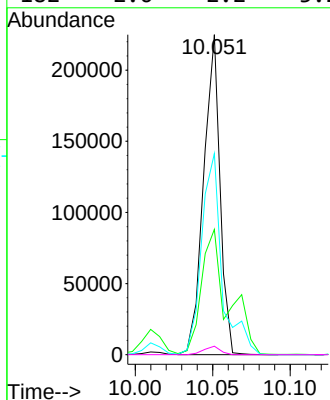
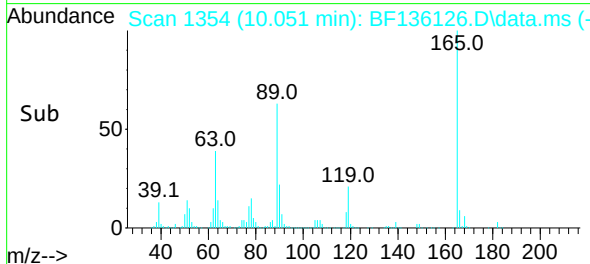
Instrument :
BNA_F
ClientSampleId :
SCFMS



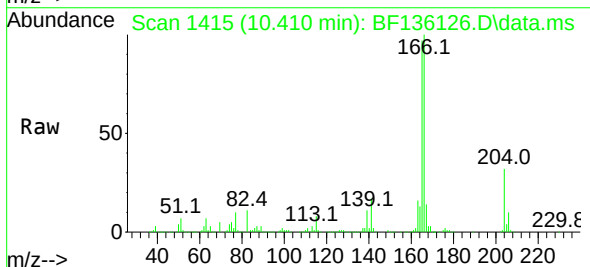
Tgt Ion:165 Resp: 16535
Ion Ratio Lower Upper
165 100
63 39.1 35.2 52.8
89 62.9 54.8 82.2
182 2.6 2.2 3.2

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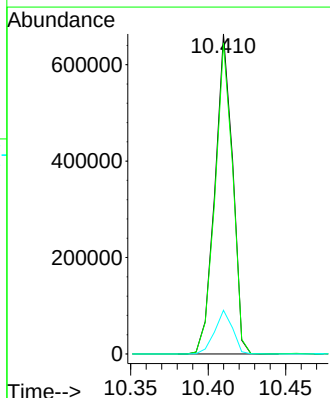
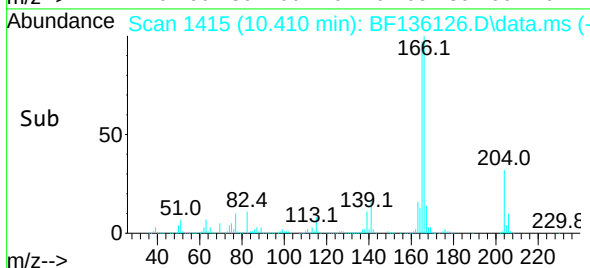
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

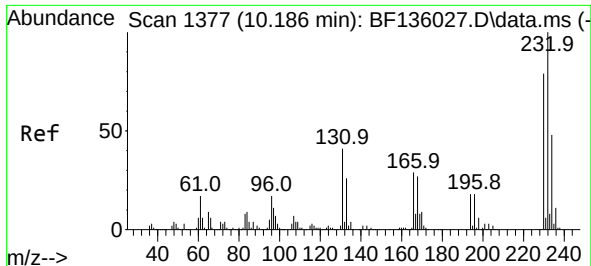


#58
Fluorene
Concen: 48.676 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



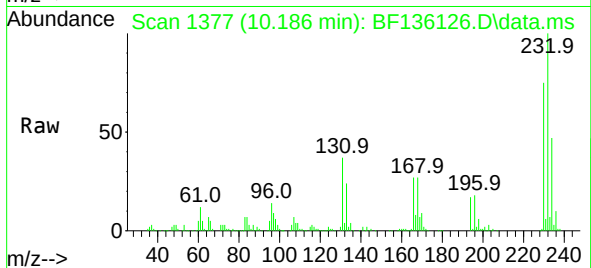
Tgt Ion:166 Resp: 526373
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.559 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

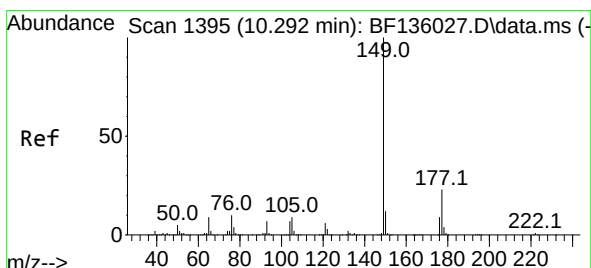
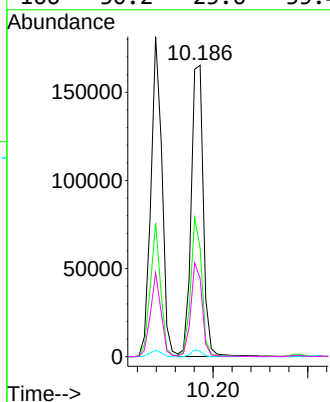
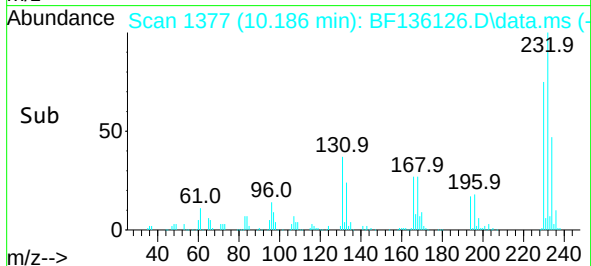
Instrument :
BNA_F
ClientSampleId :
SCFMS



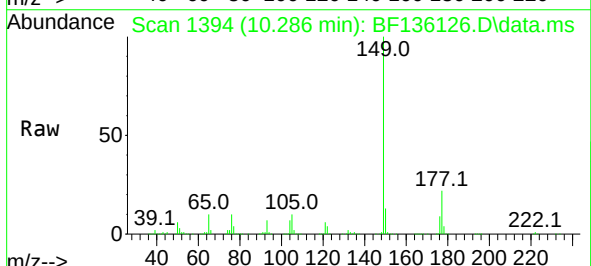
Tgt Ion:232 Resp: 147790
Ion Ratio Lower Upper
232 100
131 43.6 34.6 52.0
130 2.1 1.6 2.4
166 30.2 23.6 35.4

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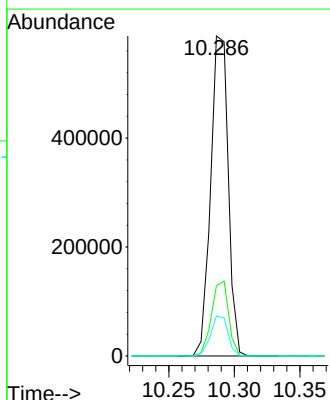
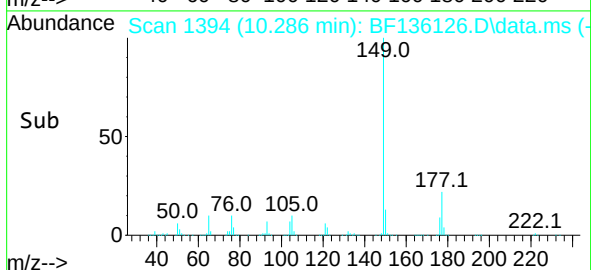
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

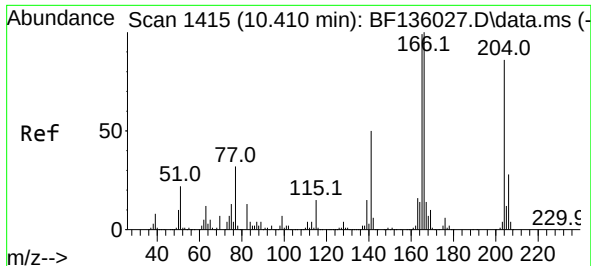


#60
Diethylphthalate
Concen: 49.033 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



Tgt Ion:149 Resp: 549213
Ion Ratio Lower Upper
149 100
177 21.9 18.2 27.4
150 12.5 9.9 14.9





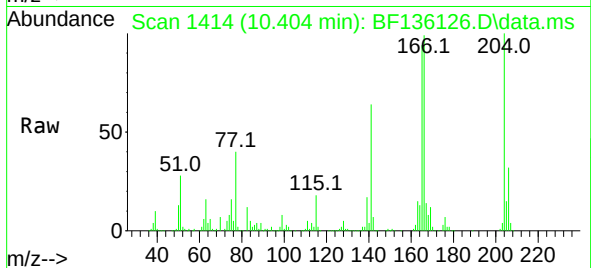
#61
4-Chlorophenyl-phenylether
Concen: 48.347 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

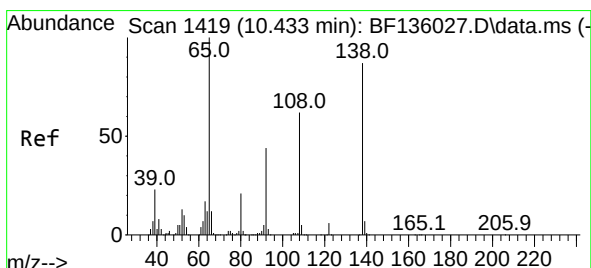
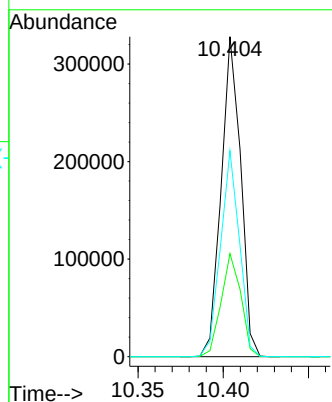
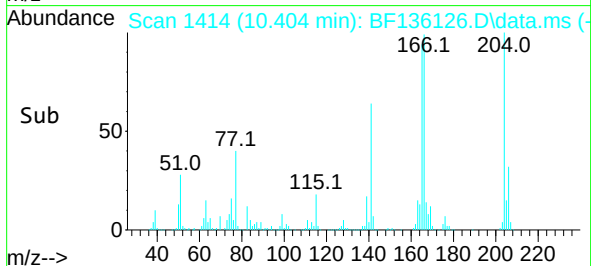


Tgt Ion:204 Resp: 260974
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 64.4 46.8 70.2

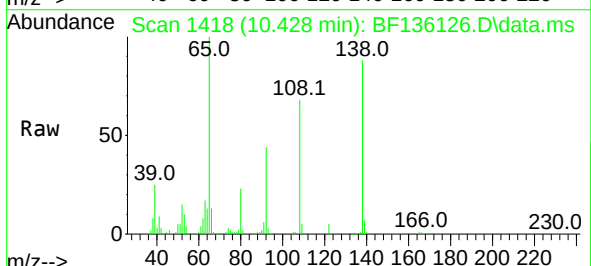
Manual Integrations

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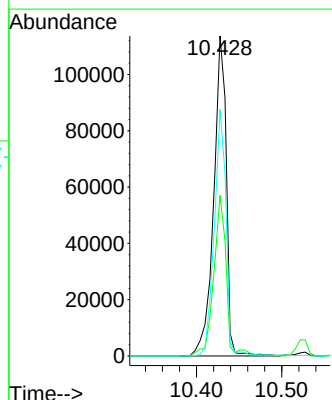
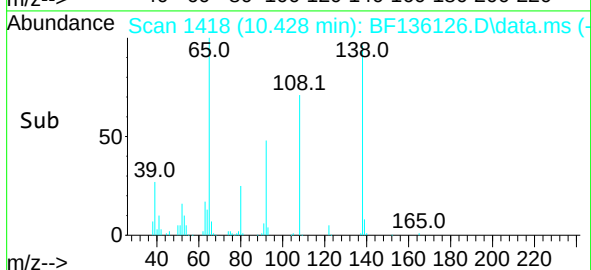
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

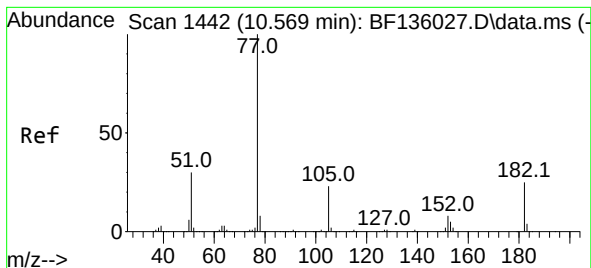


#62
4-Nitroaniline
Concen: 41.573 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



Tgt Ion:138 Resp: 117114
Ion Ratio Lower Upper
138 100
92 50.2 30.6 70.6
108 77.1 51.5 91.5





#63

Azobenzene

Concen: 47.431 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

Tgt Ion: 77 Resp: 51164

Ion Ratio Lower Upper

77 100

182 31.4 5.0 45.0

105 23.8 2.6 42.6

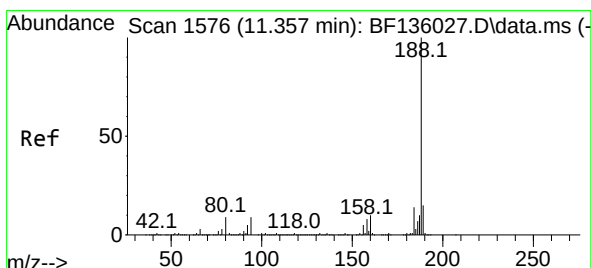
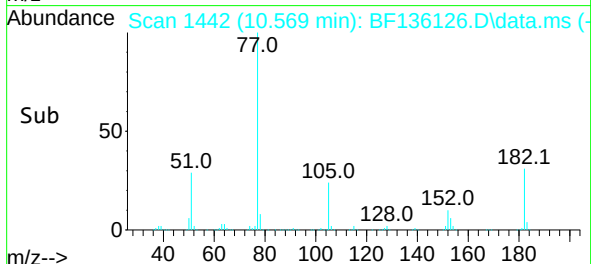
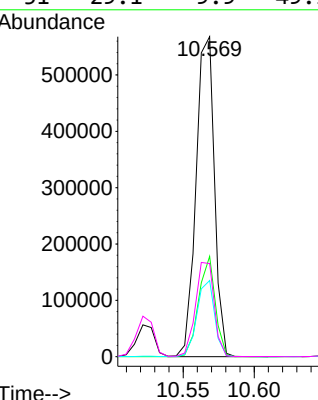
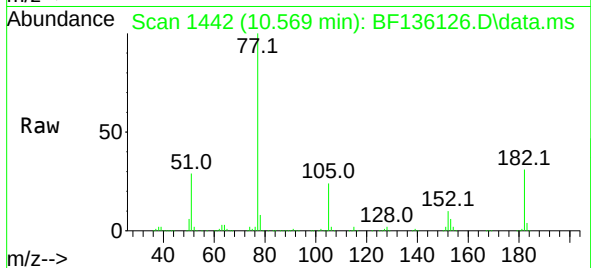
51 29.1 9.9 49.9

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: BF136126.D

Acq: 03 Nov 2023 16:09

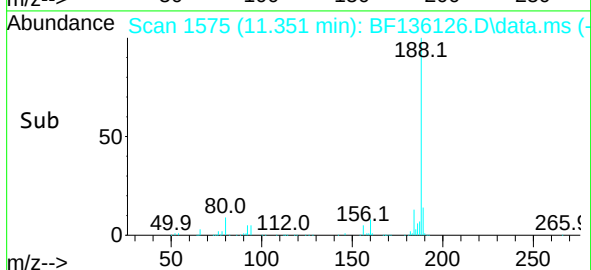
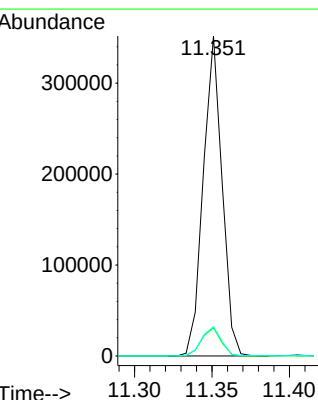
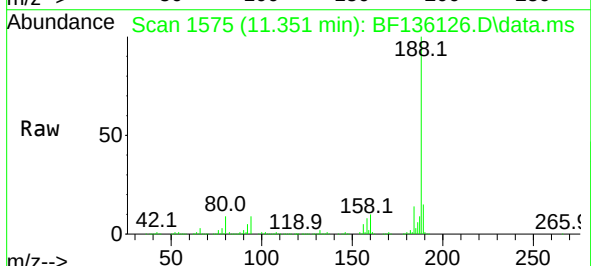
Tgt Ion:188 Resp: 296758

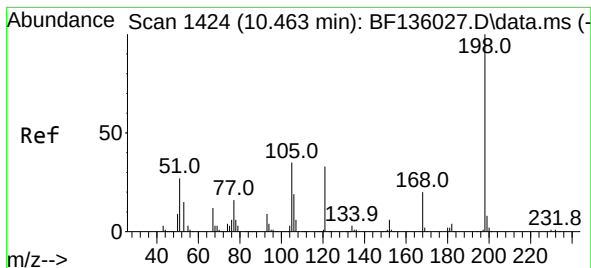
Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 9.2 7.4 11.0





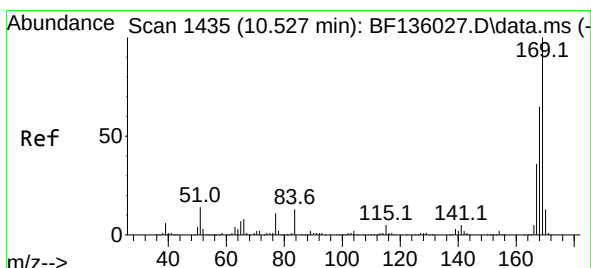
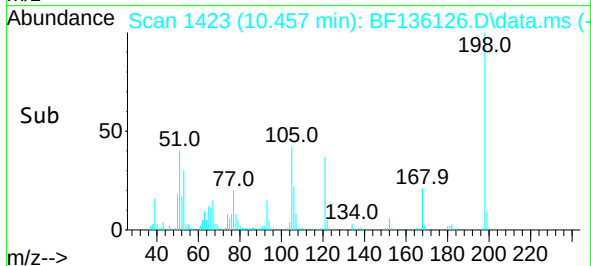
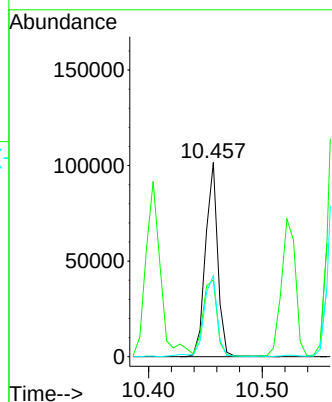
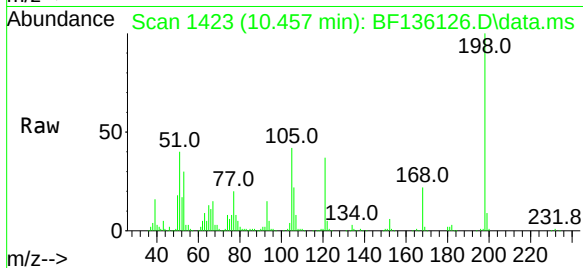
#65
4,6-Dinitro-2-methylphenol
Concen: 46.685 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Instrument :
BNA_F
ClientSampleId :
SCFMS

Tgt Ion:198 Resp: 75830
Ion Ratio Lower Upper
198 100
51 39.5 12.9 52.9
105 41.7 16.0 56.0

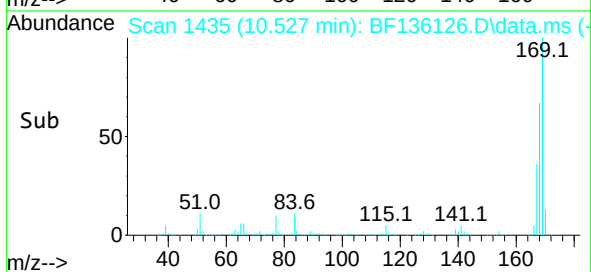
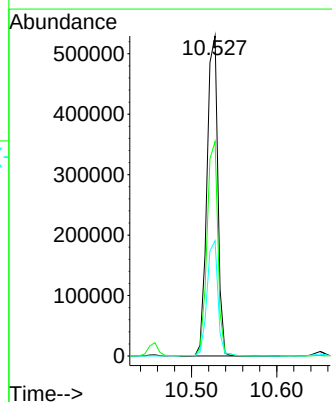
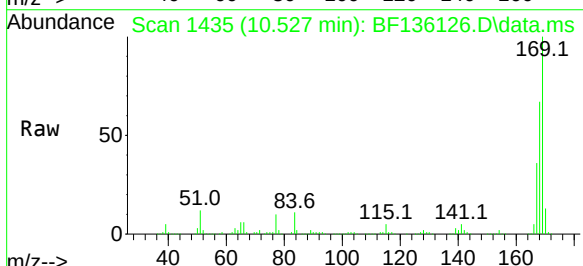
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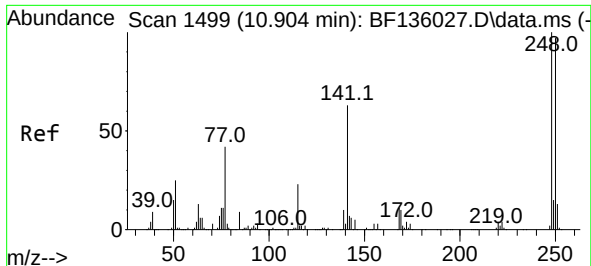
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#66
n-Nitrosodiphenylamine
Concen: 52.022 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Tgt Ion:169 Resp: 465704
Ion Ratio Lower Upper
169 100
168 67.0 52.2 78.2
167 36.0 28.7 43.1





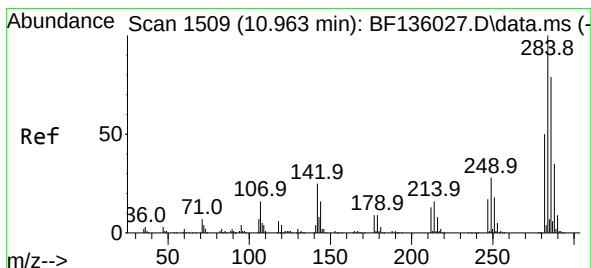
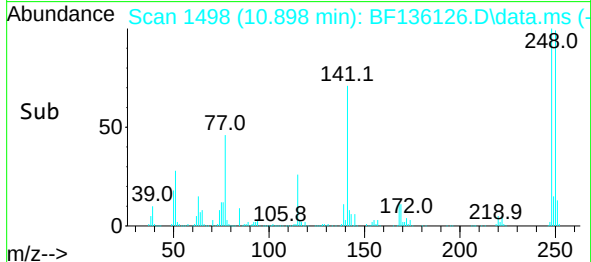
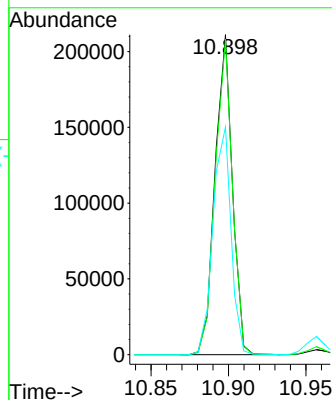
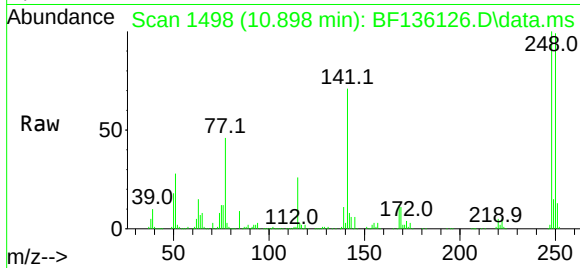
#67
4-Bromophenyl-phenylether
Concen: 52.729 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Instrument :
BNA_F
ClientSampleId :
SCFMS

Tgt Ion:248 Resp: 164050
Ion Ratio Lower Upper
248 100
250 98.7 77.6 116.4
141 71.2 50.4 75.6

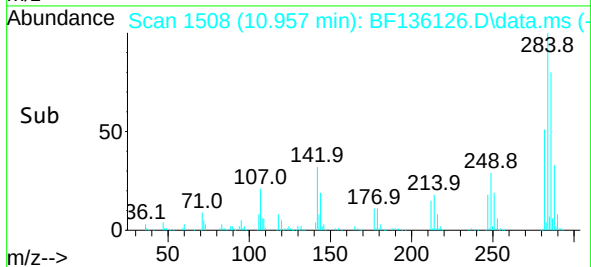
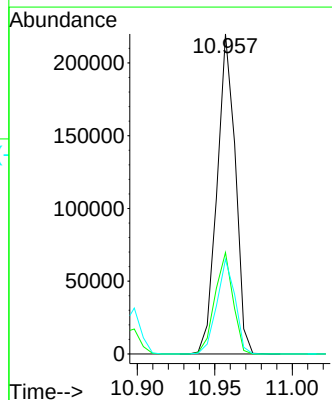
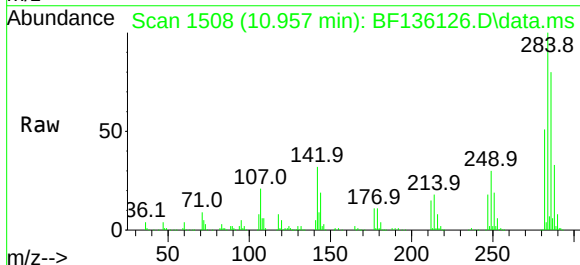
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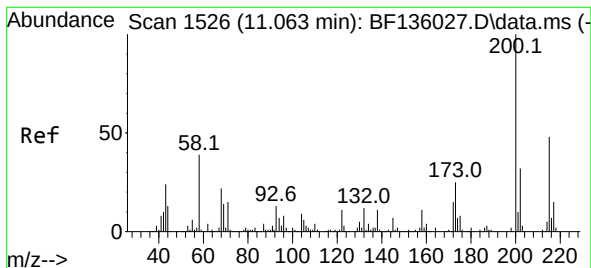
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#68
Hexachlorobenzene
Concen: 54.220 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Tgt Ion:284 Resp: 180170
Ion Ratio Lower Upper
284 100
142 31.7 20.2 30.4#
249 29.6 22.6 33.8





#69

Atrazine

Concen: 61.510 ng

RT: 11.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

Tgt Ion:200 Resp: 149819

Ion Ratio Lower Upper

200 100

173 25.3 5.2 45.2

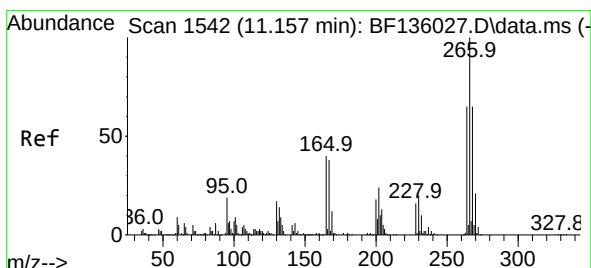
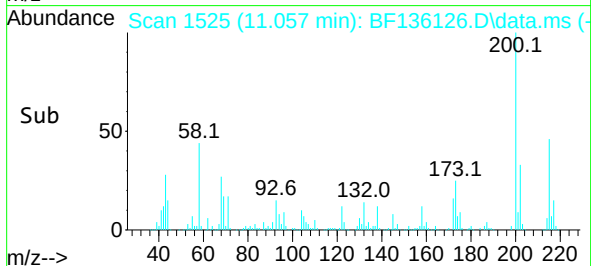
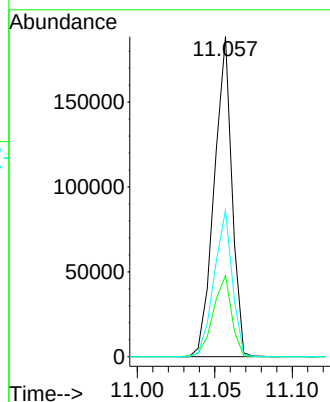
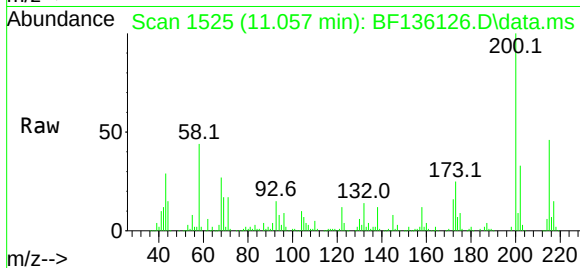
215 45.7 28.4 68.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#70

Pentachlorophenol

Concen: 91.694 ng

RT: 11.151 min Scan# 1541

Delta R.T. -0.006 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

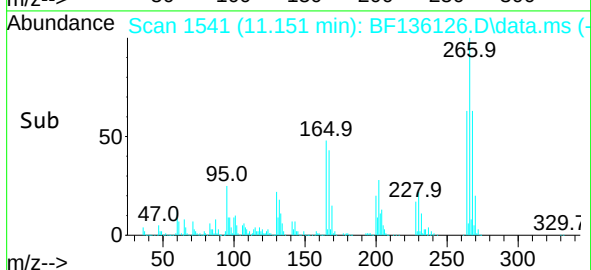
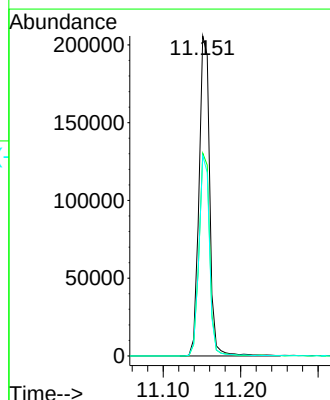
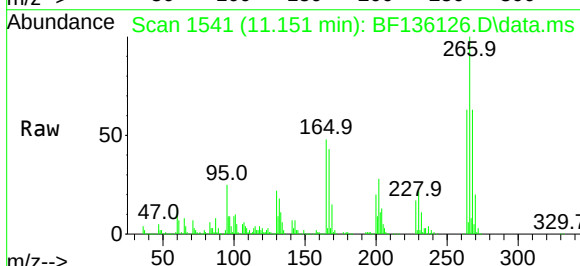
Tgt Ion:266 Resp: 195680

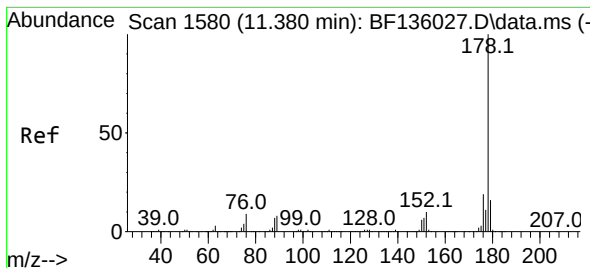
Ion Ratio Lower Upper

266 100

268 63.4 52.2 78.4

264 62.6 52.2 78.4





#71

Phenanthrene

Concen: 54.126 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

Tgt Ion:178 Resp: 808749

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

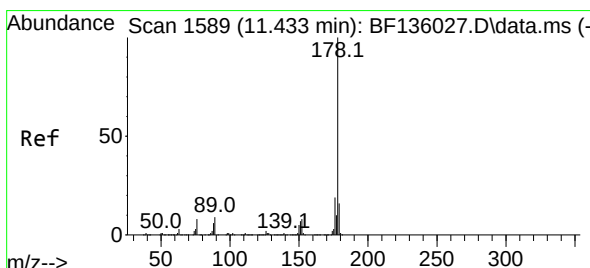
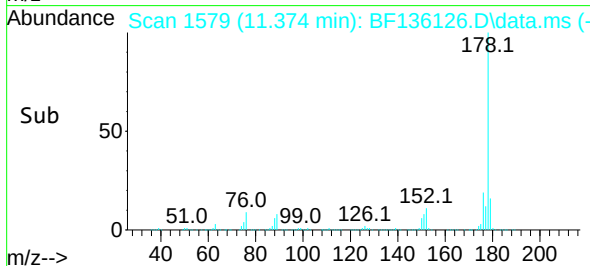
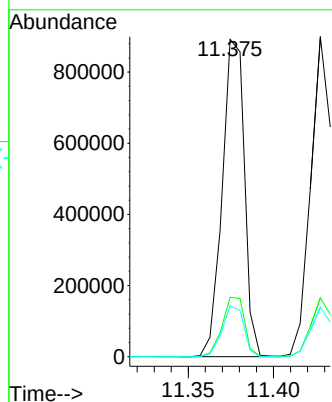
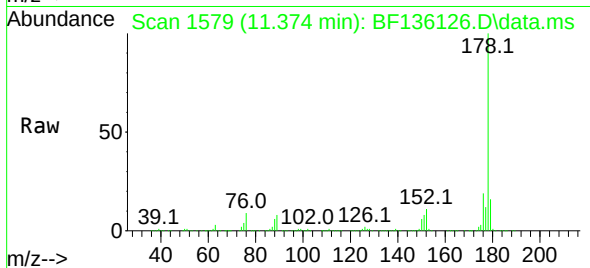
179 16.0 12.9 19.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#72

Anthracene

Concen: 50.575 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

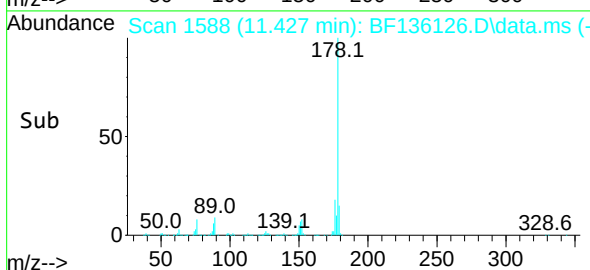
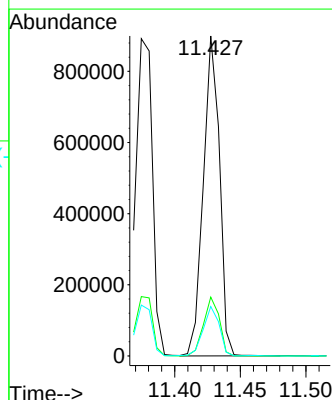
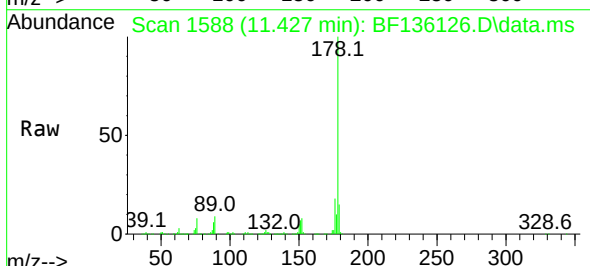
Tgt Ion:178 Resp: 774339

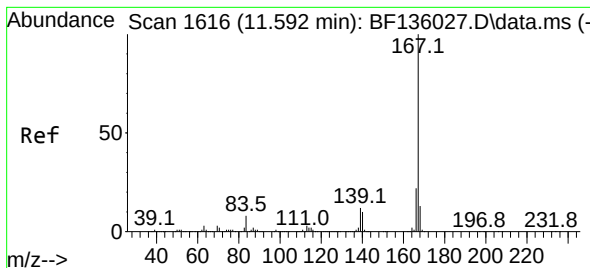
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

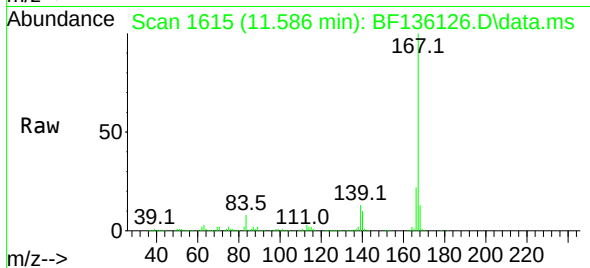
179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 47.639 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF136126.D
 Acq: 03 Nov 2023 16:09

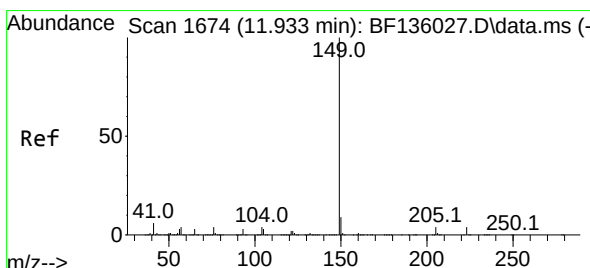
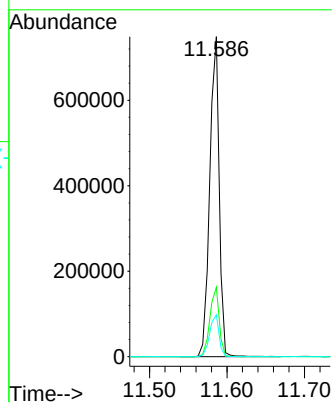
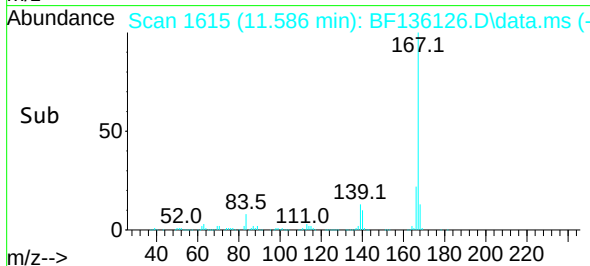
Instrument :
 BNA_F
 ClientSampleId :
 SCFMS



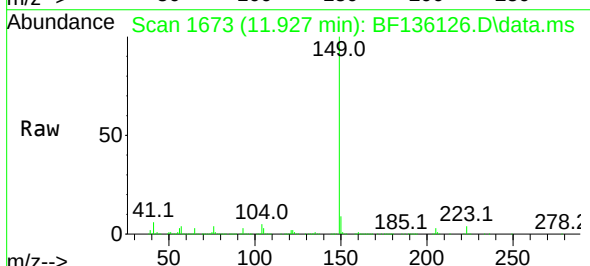
Tgt Ion:167 Resp: 633840
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.1 9.9 14.9

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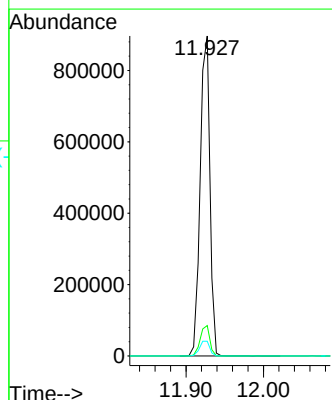
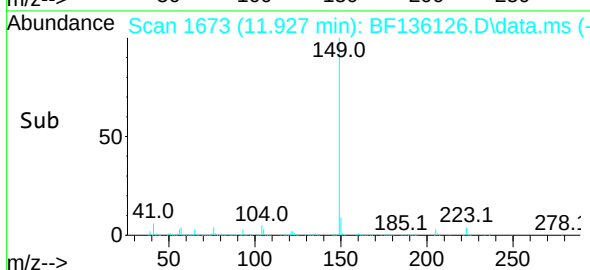
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

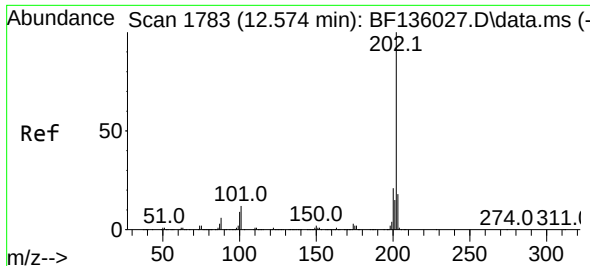


#74
 Di-n-butylphthalate
 Concen: 51.412 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.006 min
 Lab File: BF136126.D
 Acq: 03 Nov 2023 16:09



Tgt Ion:149 Resp: 781618
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 4.6 3.6 5.4





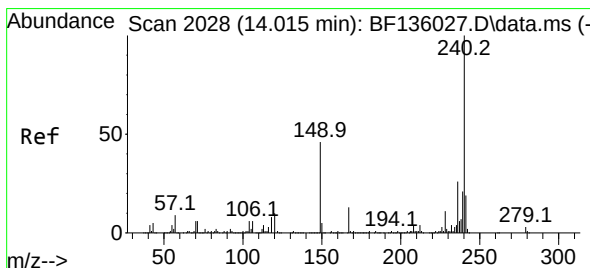
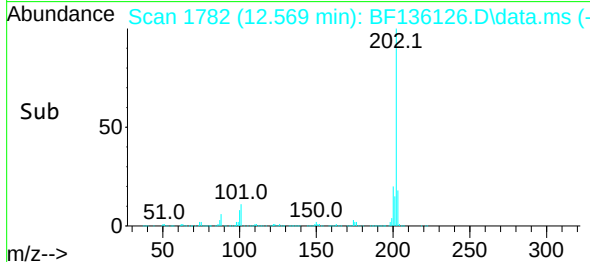
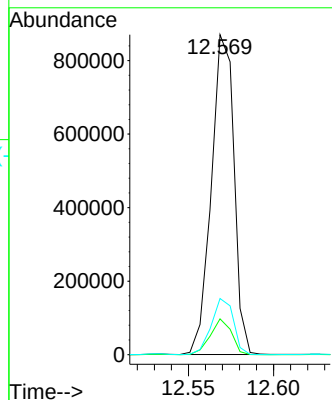
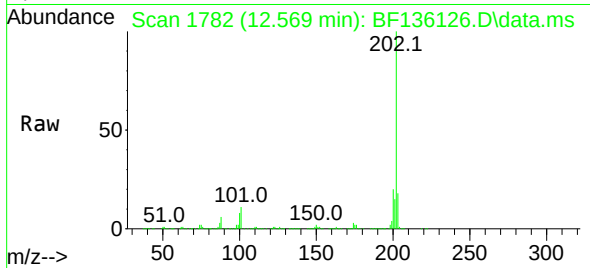
#75
Fluoranthene
Concen: 52.468 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Instrument :
BNA_F
ClientSampleId :
SCFMS

Tgt Ion:202 Resp: 80538
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.8
203 17.6 0.0 37.9

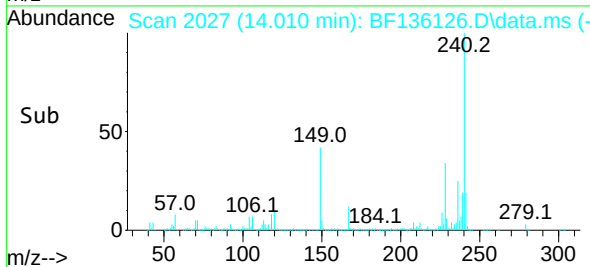
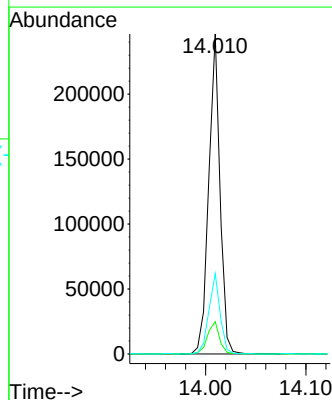
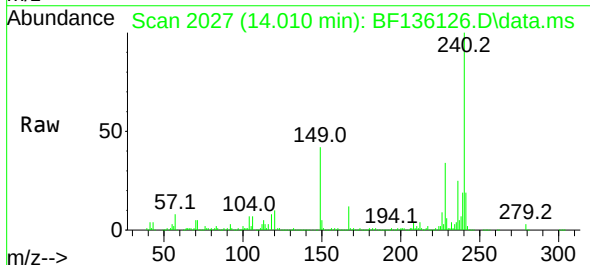
Manual Integrations
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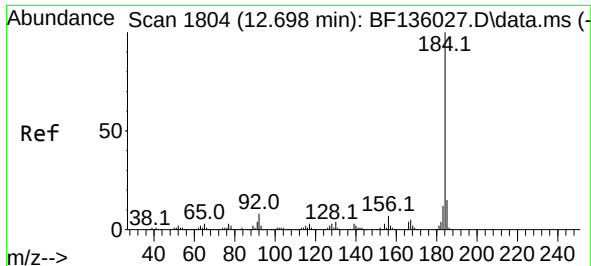
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

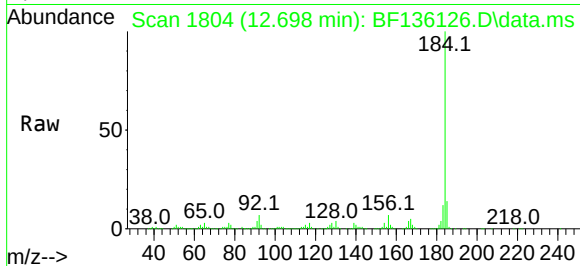
Tgt Ion:240 Resp: 192255
Ion Ratio Lower Upper
240 100
120 10.1 7.6 11.4
236 25.1 20.6 31.0





#77
Benzidine
Concen: 61.832 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

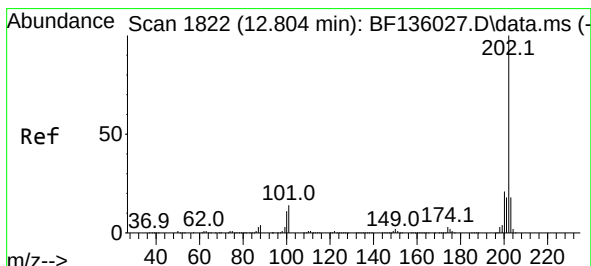
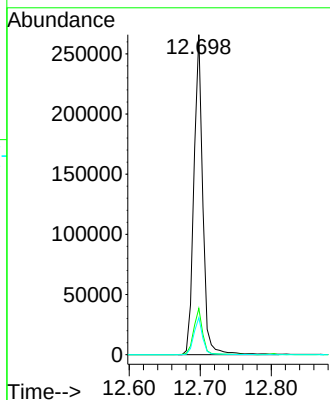
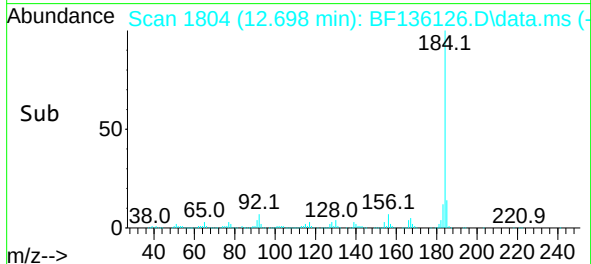
Instrument :
BNA_F
ClientSampleId :
SCFMS



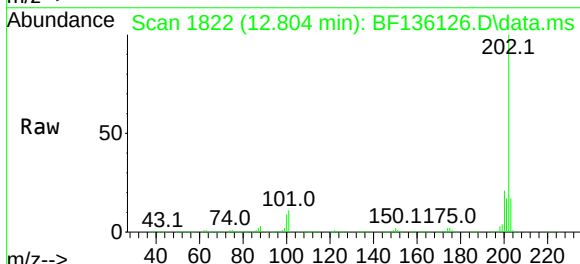
Tgt Ion:184 Resp: 231699
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 11.6 9.5 14.3

Manual Integrations
APPROVED

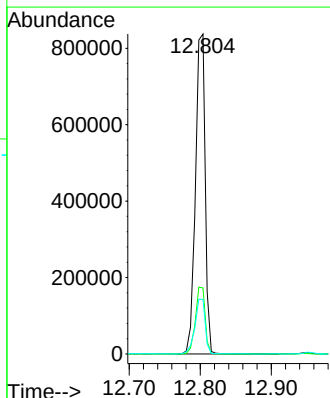
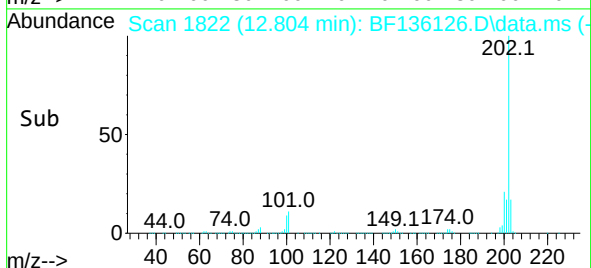
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

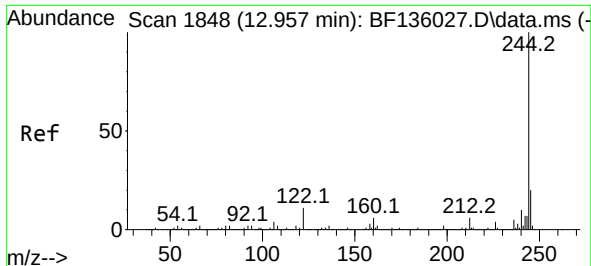


#78
Pyrene
Concen: 47.314 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



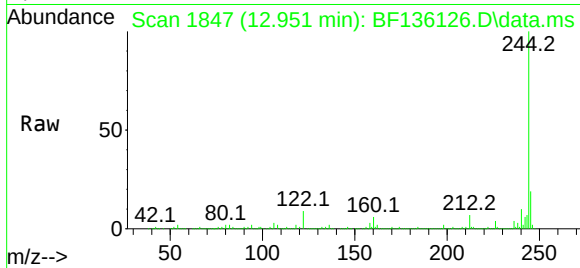
Tgt Ion:202 Resp: 801982
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.4
203 17.0 14.4 21.6





#79
 Terphenyl-d14
 Concen: 65.283 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF136126.D
 Acq: 03 Nov 2023 16:09

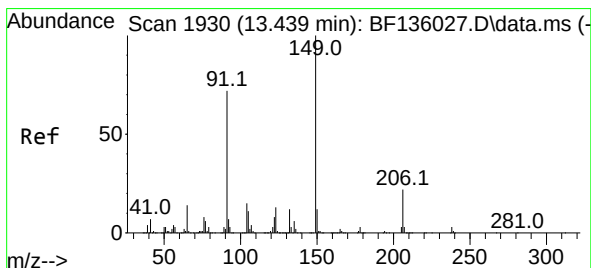
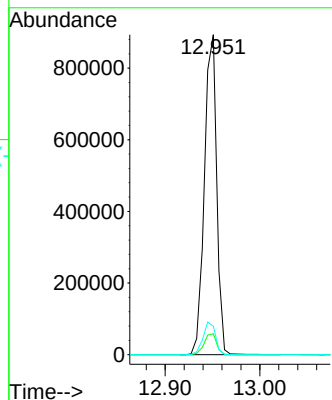
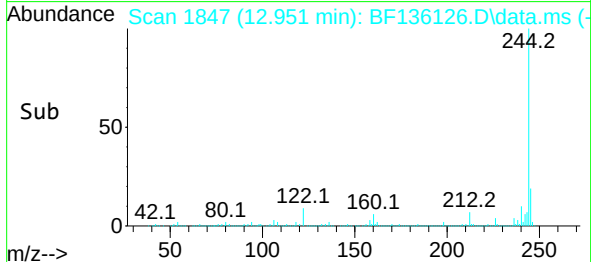
Instrument :
 BNA_F
 ClientSampleId :
 SCFMS



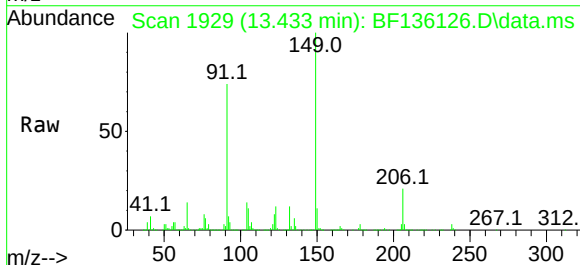
Tgt Ion:244 Resp: 807639
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 8.9 8.6 12.8

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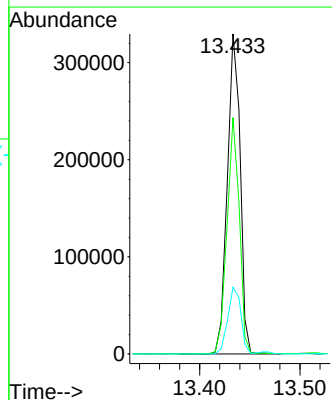
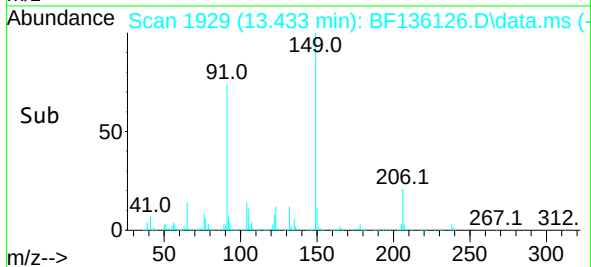
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

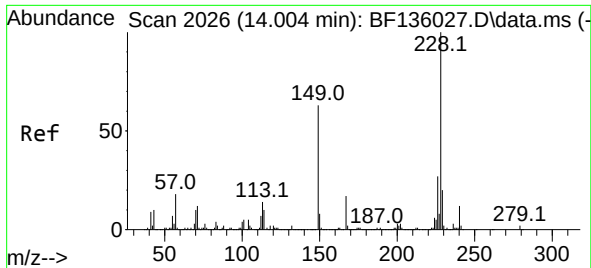


#80
 Butylbenzylphthalate
 Concen: 48.225 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF136126.D
 Acq: 03 Nov 2023 16:09



Tgt Ion:149 Resp: 292597
 Ion Ratio Lower Upper
 149 100
 91 73.9 57.6 86.4
 206 20.9 17.4 26.0





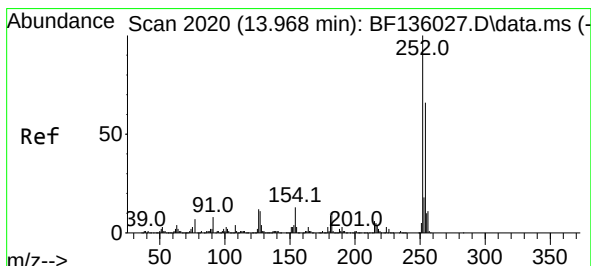
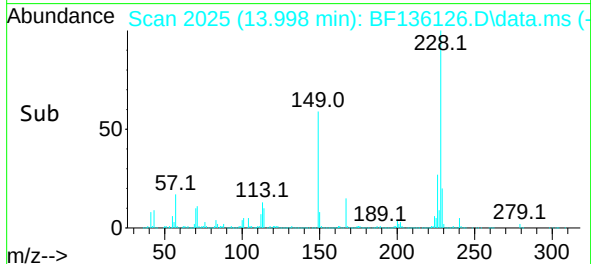
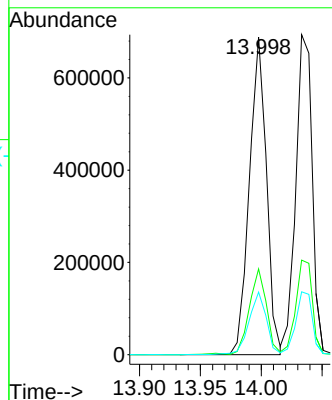
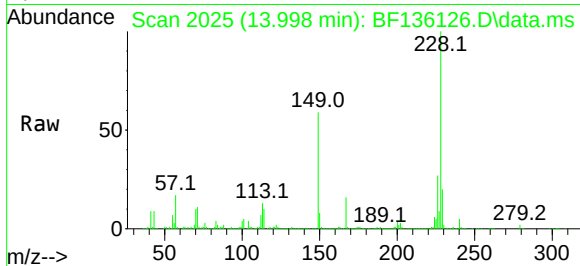
#81
Benzo(a)anthracene
Concen: 52.817 ng
RT: 13.998 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Instrument :
BNA_F
ClientSampleId :
SCFMS

Tgt Ion:228 Resp: 67225
Ion Ratio Lower Upper
228 100
226 27.0 21.5 32.3
229 19.7 15.8 23.6

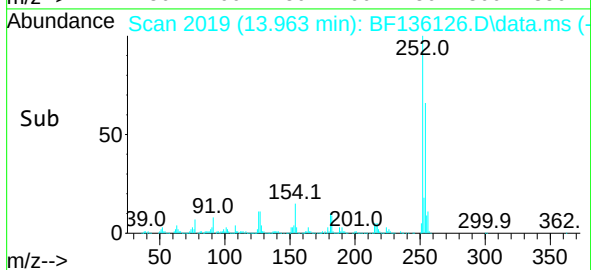
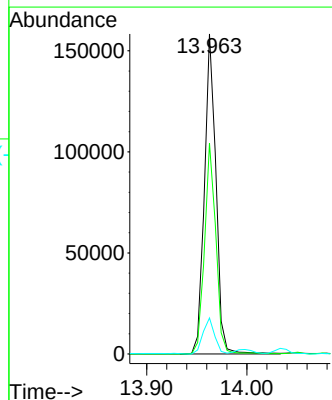
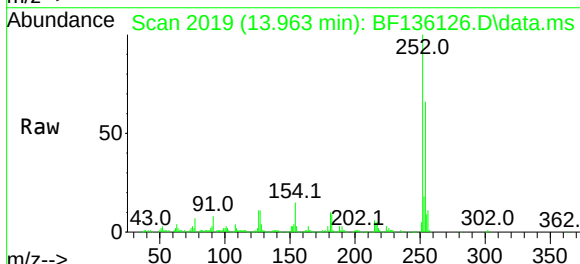
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APPROVED

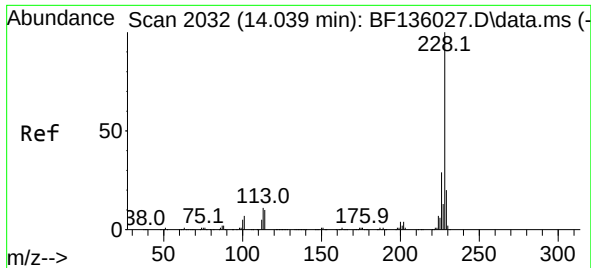
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#82
3,3'-Dichlorobenzidine
Concen: 31.327 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Tgt Ion:252 Resp: 127260
Ion Ratio Lower Upper
252 100
254 65.9 52.5 78.7
126 11.3 9.4 14.2





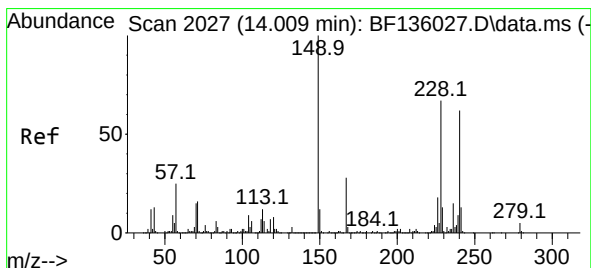
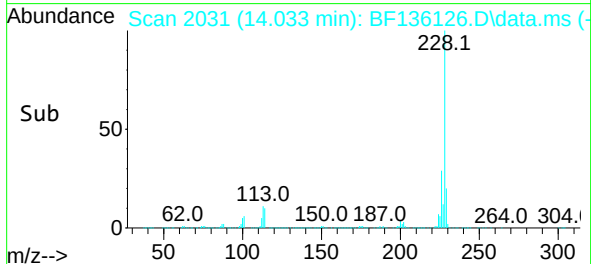
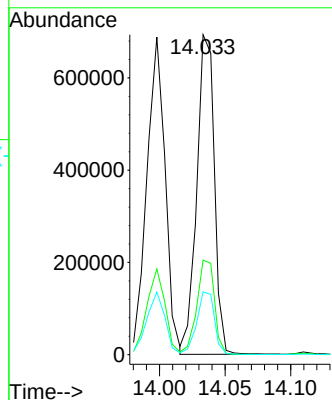
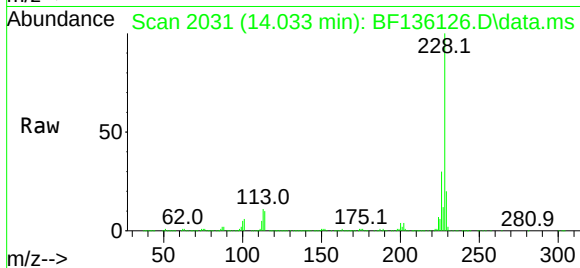
#83
Chrysene
Concen: 51.712 ng
RT: 14.033 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Instrument :
BNA_F
ClientSampleId :
SCFMS

Tgt Ion:228 Resp: 648194
Ion Ratio Lower Upper
228 100
226 29.5 23.5 35.3
229 19.7 16.0 24.0

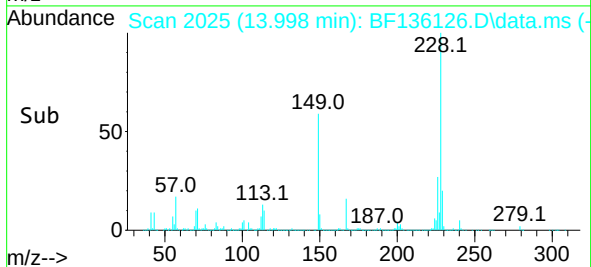
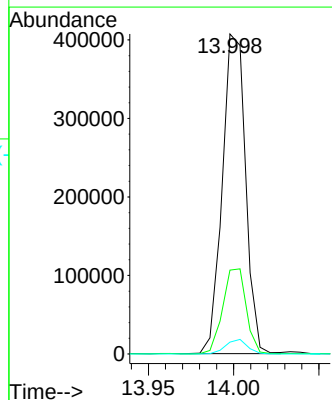
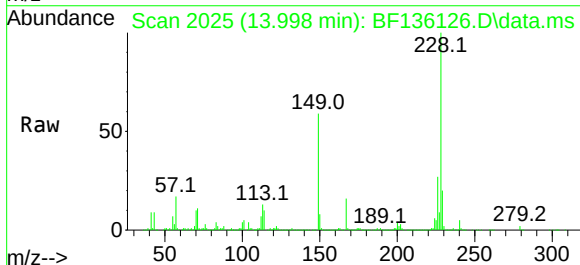
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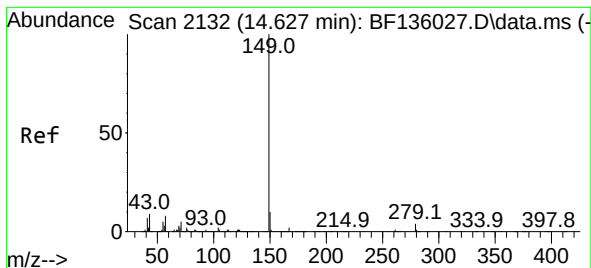
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.689 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Tgt Ion:149 Resp: 386582
Ion Ratio Lower Upper
149 100
167 26.2 22.6 33.8
279 3.7 4.1 6.1#





#85

Di-n-octyl phthalate

Concen: 70.717 ng

RT: 14.621 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

Tgt Ion:149 Resp: 74885

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

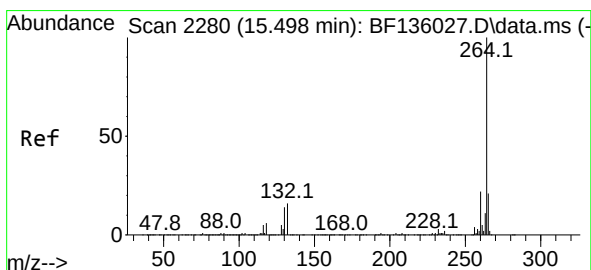
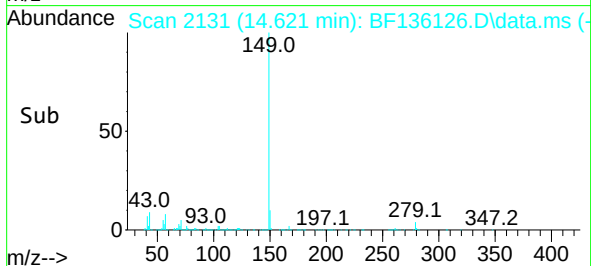
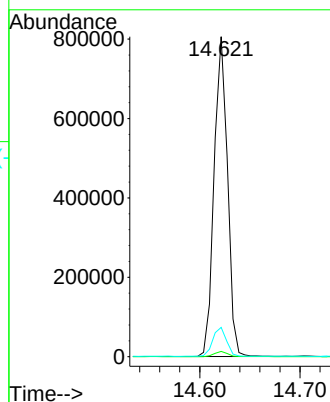
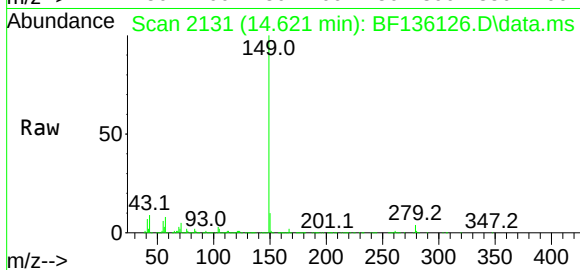
43 9.2 7.6 11.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

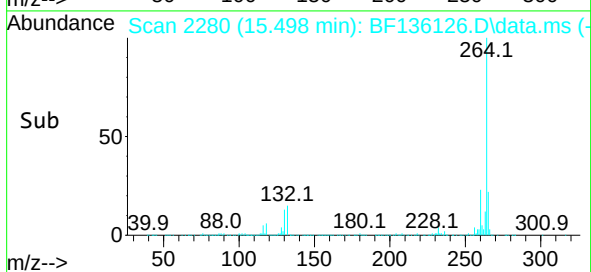
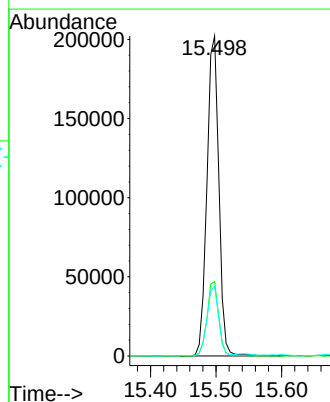
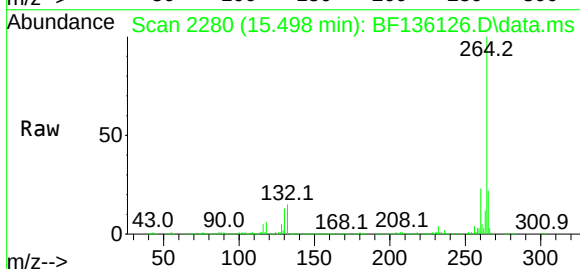
Tgt Ion:264 Resp: 255192

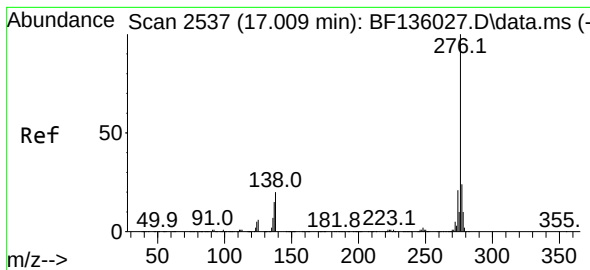
Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

265 21.8 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.753 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

Tgt Ion:276 Resp: 863154

Ion Ratio Lower Upper

276 100

138 23.9 20.4 30.6

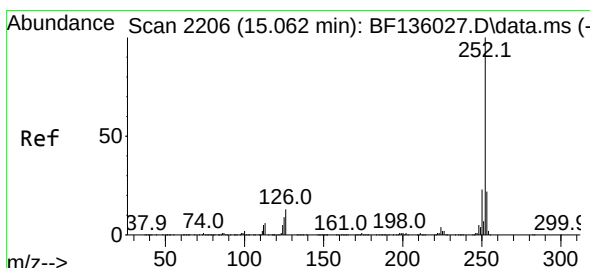
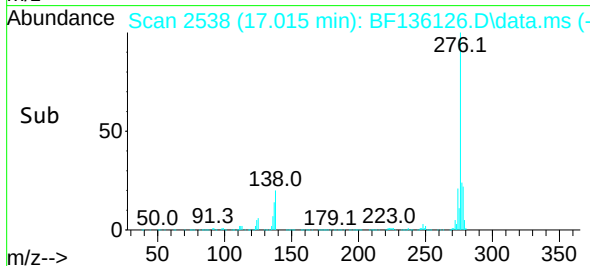
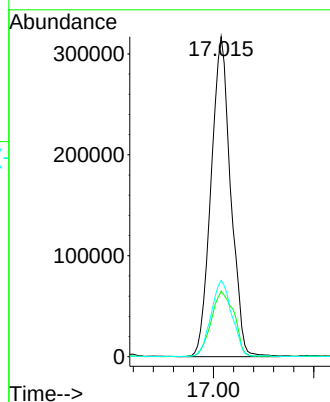
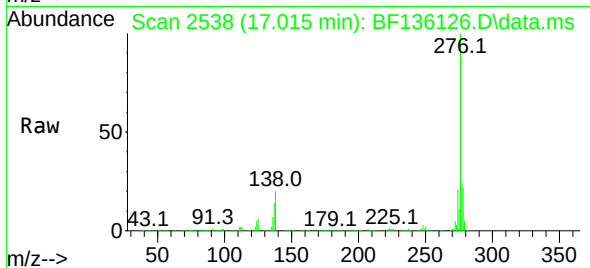
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#88

Benzo(b)fluoranthene

Concen: 50.008 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF136126.D

Acq: 03 Nov 2023 16:09

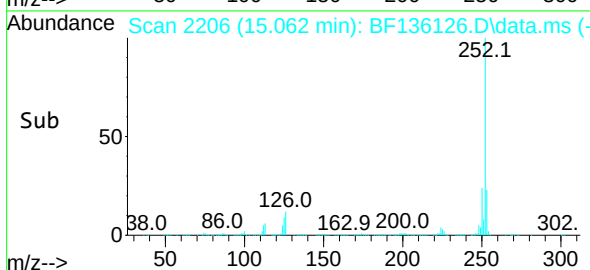
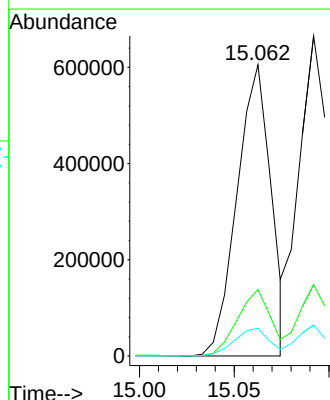
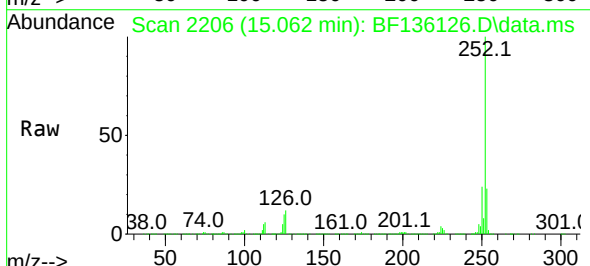
Tgt Ion:252 Resp: 755122

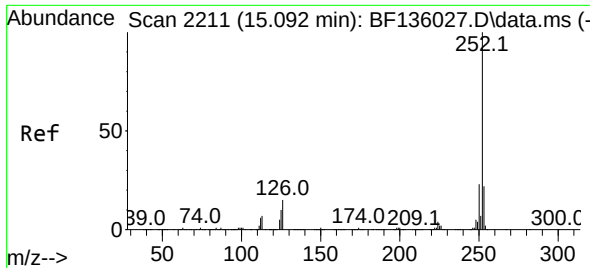
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

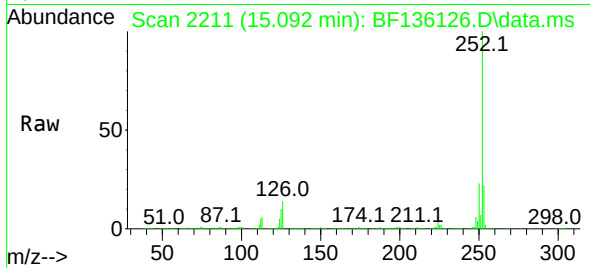
125 9.5 7.5 11.3





#89
Benzo(k)fluoranthene
Concen: 46.502 ng
RT: 15.092 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

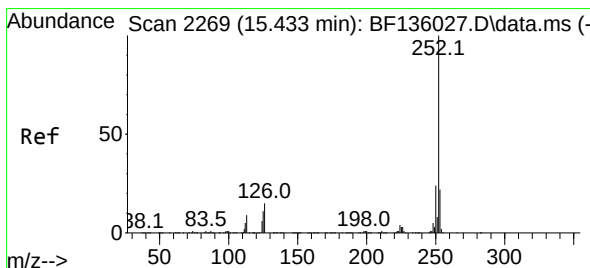
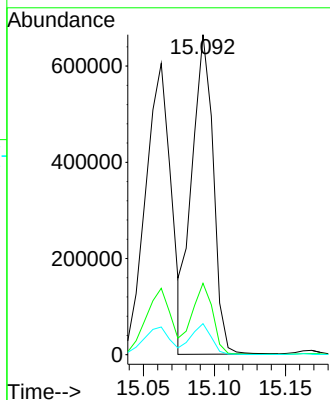
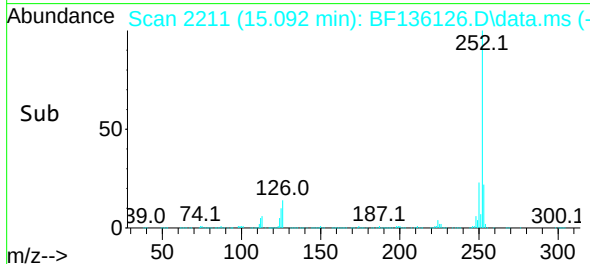
Instrument :
BNA_F
ClientSampleId :
SCFMS



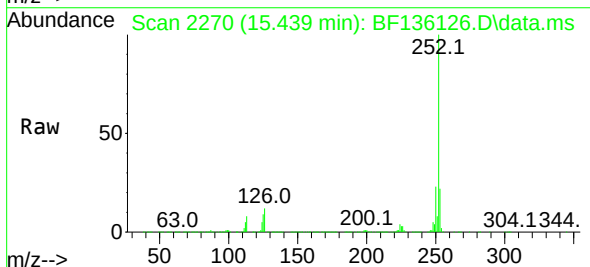
Tgt Ion:252 Resp: 694770
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.7 8.0 12.0

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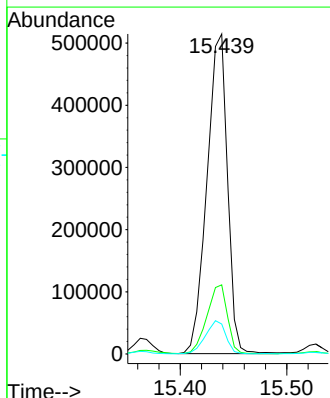
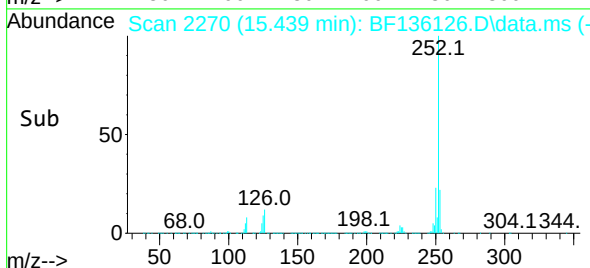
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

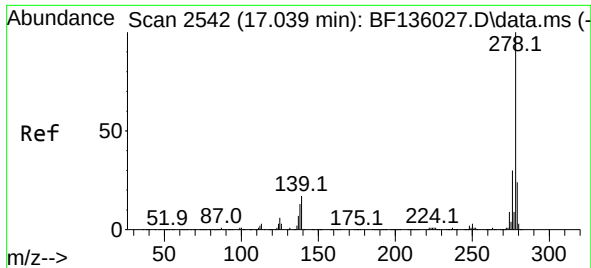


#90
Benzo(a)pyrene
Concen: 49.051 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



Tgt Ion:252 Resp: 688206
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.3 9.0 13.6





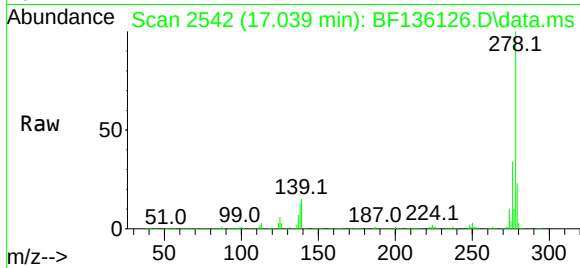
#91
Dibenzo(a,h)anthracene
Concen: 51.403 ng
RT: 17.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09

Instrument :

BNA_F

ClientSampleId :

SCFMS

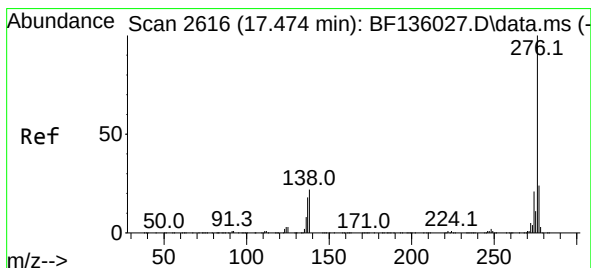
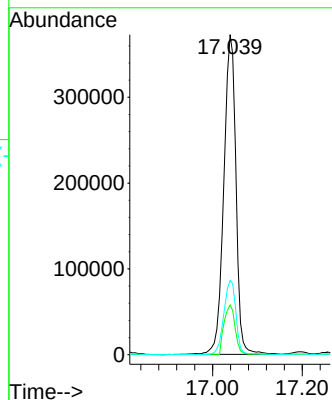
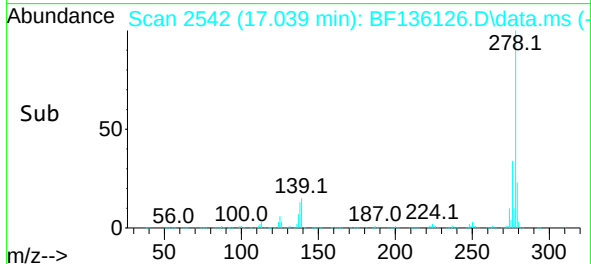


Tgt Ion:278 Resp: 70225
Ion Ratio Lower Upper
278 100
139 15.5 13.7 20.5
279 23.2 19.0 28.6

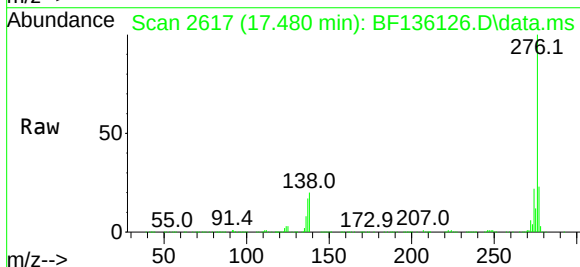
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 43.474 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF136126.D
Acq: 03 Nov 2023 16:09



Tgt Ion:276 Resp: 671680
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.4
138 20.2 17.4 26.2

