

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136127.D
 Acq On : 03 Nov 2023 16:39
 Operator : CG\JU
 Sample : 05197-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SCFMMSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 00:09:14 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	106287	20.000	ng	0.00
21) Naphthalene-d8	8.099	136	410436	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	204821	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	346634	20.000	ng	0.00
76) Chrysene-d12	14.010	240	216670	20.000	ng	0.00
86) Perylene-d12	15.492	264	279499	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	676556	100.026	ng	0.00
7) Phenol-d6	6.458	99	845846	100.370	ng	0.00
23) Nitrobenzene-d5	7.387	82	526770	77.369	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	239446	109.526	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	931041	72.462	ng	0.00
79) Terphenyl-d14	12.951	244	893713	64.100	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	118323	40.174	ng	99
3) Pyridine	3.405	79	271681	33.795	ng	99
4) n-Nitrosodimethylamine	3.369	42	143163	42.593	ng	91
6) Aniline	6.481	93	263156	24.119	ng	98
8) 2-Chlorophenol	6.605	128	324756	44.910	ng	98
9) Benzaldehyde	6.369	77	74032	15.754	ng	99
10) Phenol	6.469	94	385936m	44.277	ng	
11) bis(2-Chloroethyl)ether	6.563	93	301884	44.240	ng	98
12) 1,3-Dichlorobenzene	6.763	146	347627	46.188	ng	98
13) 1,4-Dichlorobenzene	6.840	146	354951	47.060	ng	99
14) 1,2-Dichlorobenzene	6.987	146	334728	47.461	ng	96
15) Benzyl Alcohol	6.963	79	270720	45.306	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.099	45	414182	44.097	ng	99
17) 2-Methylphenol	7.075	107	249751	40.712	ng	95
18) Hexachloroethane	7.328	117	126071	47.555	ng	99
19) n-Nitroso-di-n-propyla...	7.240	70	211370	43.897	ng	99
20) 3+4-Methylphenols	7.228	107	305757	40.874	ng	97
22) Acetophenone	7.228	105	427198	46.939	ng	# 87
24) Nitrobenzene	7.405	77	319799	46.435	ng	97
25) Isophorone	7.640	82	588236	45.764	ng	99
26) 2-Nitrophenol	7.716	139	165843	52.780	ng	92
27) 2,4-Dimethylphenol	7.757	122	239095	40.268	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	357955	45.451	ng	98
29) 2,4-Dichlorophenol	7.957	162	263102	47.003	ng	97
30) 1,2,4-Trichlorobenzene	8.040	180	293328	48.036	ng	98
31) Naphthalene	8.122	128	911111	46.034	ng	99
32) Benzoic acid	7.875	122	193881	41.532	ng	97
33) 4-Chloroaniline	8.169	127	79245	9.143	ng	97
34) Hexachlorobutadiene	8.240	225	172817	49.349	ng	98
35) Caprolactam	8.546	113	85318m	46.875	ng	
36) 4-Chloro-3-methylphenol	8.657	107	277061	47.146	ng	100
37) 2-Methylnaphthalene	8.816	142	583751	43.987	ng	99
38) 1-Methylnaphthalene	8.916	142	561379	45.456	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	282380	48.342	ng	99
41) Hexachlorocyclopentadiene	8.969	237	297528	95.340	ng	99
43) 2,4,6-Trichlorophenol	9.093	196	182447	47.904	ng	100

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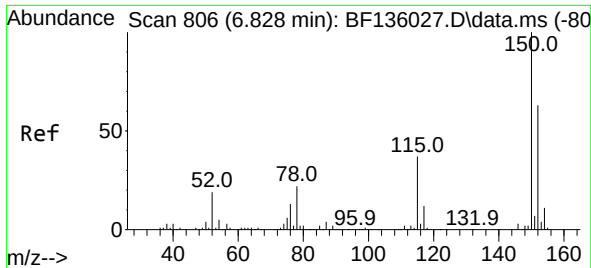
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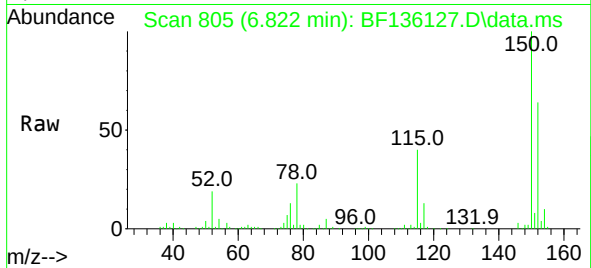
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	197457	44.756	ng	96
46) 1,1'-Biphenyl	9.281	154	738100	47.272	ng	98
47) 2-Chloronaphthalene	9.304	162	561410	48.774	ng	98
48) 2-Nitroaniline	9.404	65	163345	47.951	ng	91
49) Acenaphthylene	9.722	152	877776	48.883	ng	99
50) Dimethylphthalate	9.587	163	643014	47.594	ng	100
51) 2,6-Dinitrotoluene	9.646	165	145190	50.246	ng	94
52) Acenaphthene	9.893	154	539895	47.296	ng	99
53) 3-Nitroaniline	9.810	138	75543	22.406	ng	93
54) 2,4-Dinitrophenol	9.922	184	131073	83.327	ng	95
55) Dibenzofuran	10.069	168	776776	46.667	ng	96
56) 4-Nitrophenol	9.975	139	227162	90.072	ng	# 78
57) 2,4-Dinitrotoluene	10.051	165	179426	49.077	ng	99
58) Fluorene	10.410	166	585139	46.952	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.187	232	163897	46.727	ng	99
60) Diethylphthalate	10.293	149	614293	47.587	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	287918	46.282	ng	94
62) 4-Nitroaniline	10.434	138	133477	41.113	ng	97
63) Azobenzene	10.569	77	568637	45.740	ng	94
65) 4,6-Dinitro-2-methylph...	10.457	198	85139	45.099	ng	86
66) n-Nitrosodiphenylamine	10.528	169	528392	50.532	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	185494	51.041	ng	97
68) Hexachlorobenzene	10.957	284	200758	51.723	ng	# 91
69) Atrazine	11.057	200	175225	61.589	ng	97
70) Pentachlorophenol	11.151	266	218227	87.546	ng	98
71) Phenanthrene	11.375	178	906685	51.950	ng	100
72) Anthracene	11.428	178	865038	48.369	ng	100
73) Carbazole	11.587	167	714339	45.964	ng	99
74) Di-n-butylphthalate	11.922	149	901003	50.737	ng	99
75) Fluoranthene	12.569	202	893921	49.857	ng	98
77) Benzidine	12.698	184	249049	58.973	ng	99
78) Pyrene	12.798	202	881908	46.167	ng	99
80) Butylbenzylphthalate	13.434	149	325920	47.664	ng	97
81) Benzo(a)anthracene	13.998	228	713163	49.718	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	142169	31.053	ng	99
83) Chrysene	14.034	228	691391	48.943	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	425038	53.353	ng	# 96
85) Di-n-octyl phthalate	14.622	149	812624	68.092	ng	99
87) Indeno(1,2,3-cd)pyrene	17.016	276	883412	48.361	ng	98
88) Benzo(b)fluoranthene	15.063	252	796975	48.189	ng	100
89) Benzo(k)fluoranthene	15.092	252	715122	43.701	ng	99
90) Benzo(a)pyrene	15.433	252	715544	46.564	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	718759	48.036	ng	97
92) Benzo(g,h,i)perylene	17.474	276	671814	39.952	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BF136127.D
 Acq: 03 Nov 2023 16:39

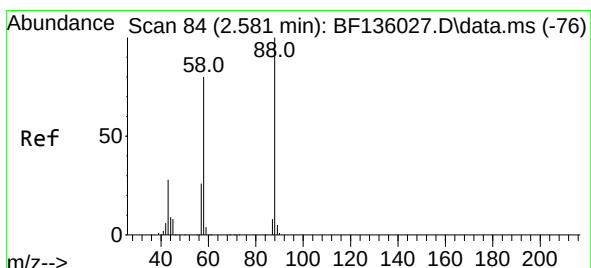
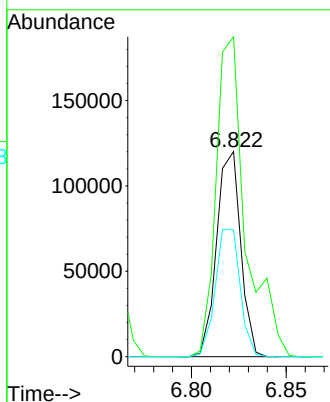
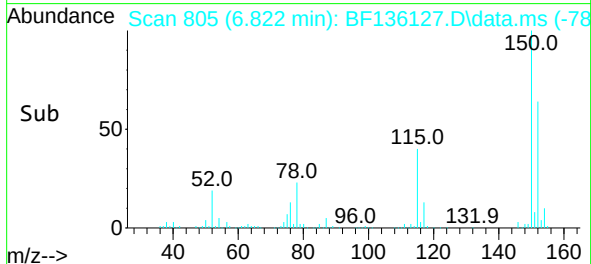
Instrument :
 BNA_F
 ClientSampleId :
 SCFMSD



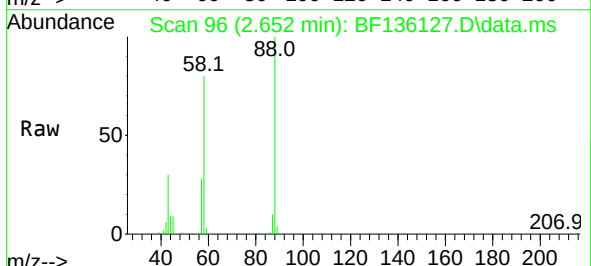
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 Ion Ratio Lower Upper
 152 100
 150 156.0 126.4 189.6
 115 61.8 47.0 70.4

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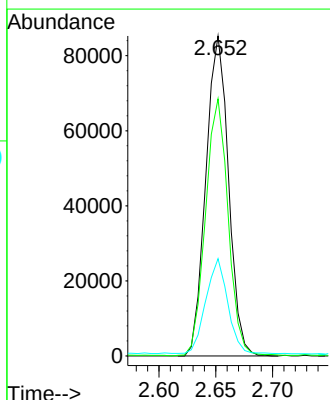
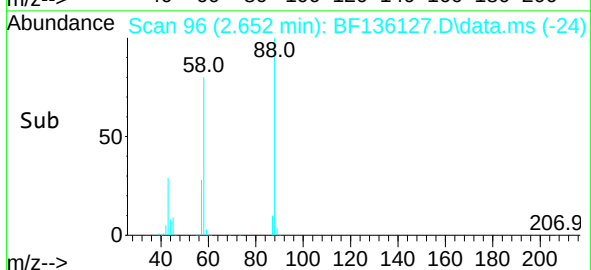
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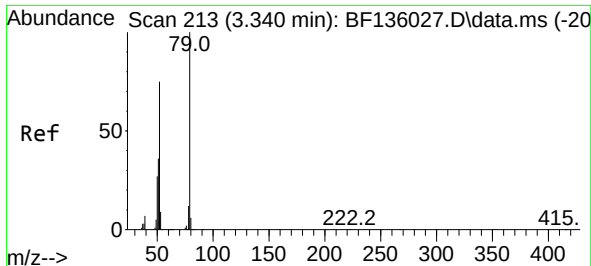


#2
 1,4-Dioxane
 Concen: 40.174 ng
 RT: 2.652 min Scan# 96
 Delta R.T. 0.071 min
 Lab File: BF136127.D
 Acq: 03 Nov 2023 16:39



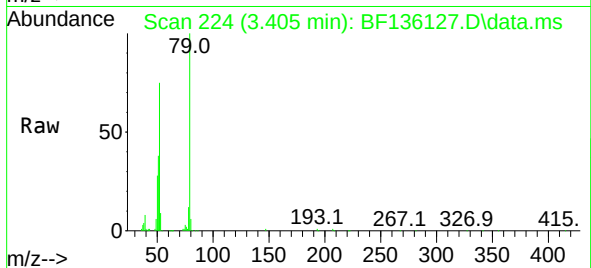
Tgt Ion: 88 Resp: 118323
 Ion Ratio Lower Upper
 88 100
 58 80.4 64.3 96.5
 43 29.0 22.3 33.5





#3
Pyridine
Concen: 33.795 ng
RT: 3.405 min Scan# 213
Delta R.T. 0.065 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

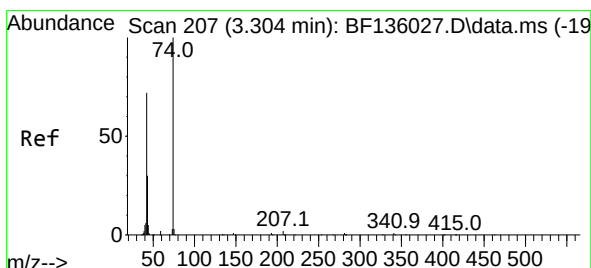
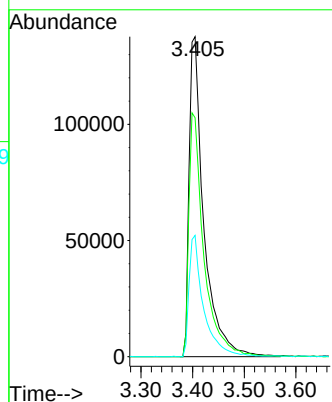
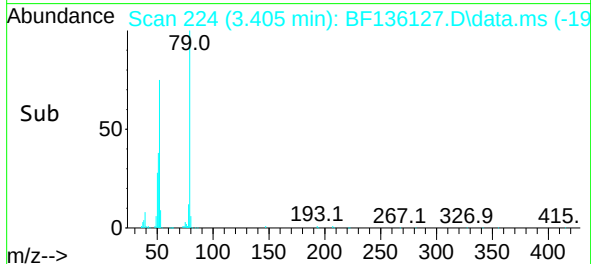
Instrument :
BNA_F
ClientSampleId :
SCFMSD



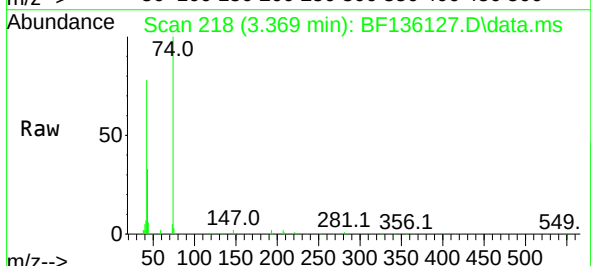
Tgt Ion: 79 Resp: 27168
Ion Ratio Lower Upper
79 100
52 74.7 60.3 90.5
51 37.9 29.3 43.9

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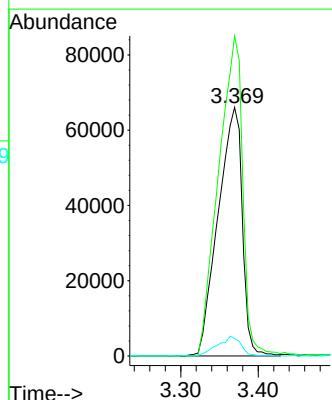
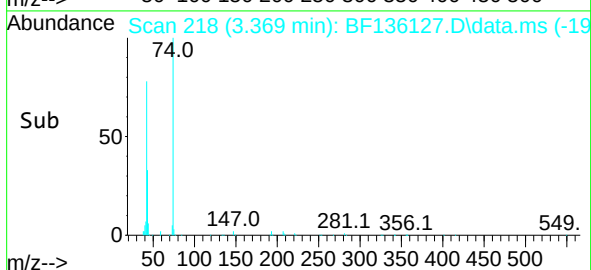
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Supervised By :mohammad ahmed 11/04/2023

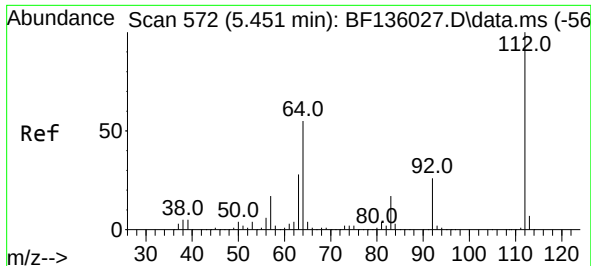


#4
n-Nitrosodimethylamine
Concen: 42.593 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.065 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



Tgt Ion: 42 Resp: 143163
Ion Ratio Lower Upper
42 100
74 128.7 111.8 167.6
44 7.1 6.2 9.4





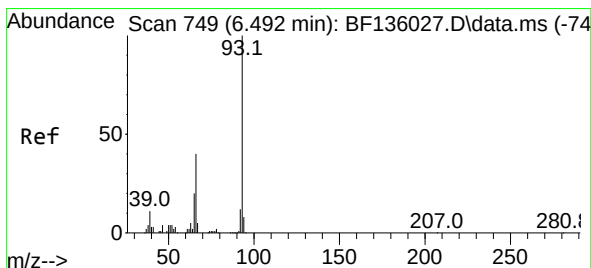
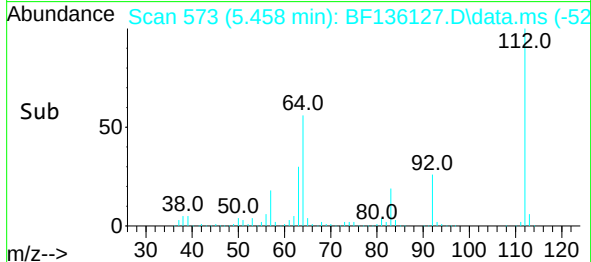
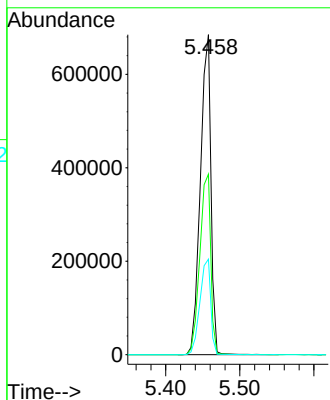
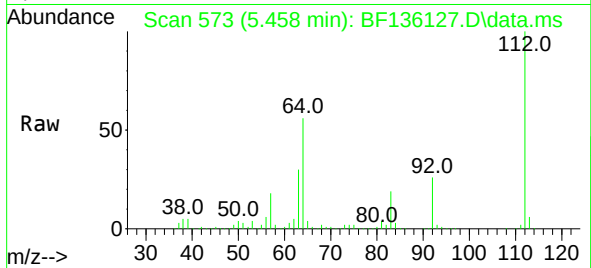
#5
2-Fluorophenol
Concen: 100.026 ng
RT: 5.458 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :
BNA_F
ClientSampleId :
SCFMSD

Tgt Ion:112 Resp: 676550
Ion Ratio Lower Upper
112 100
64 56.4 43.9 65.9
63 29.8 22.4 33.6

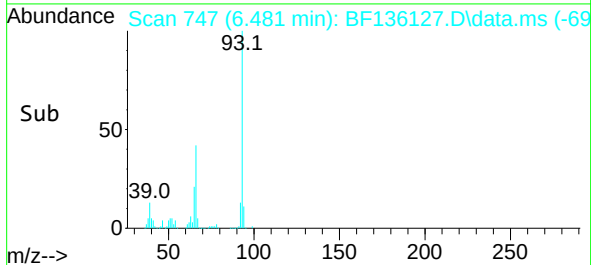
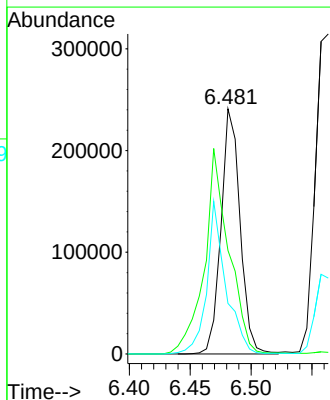
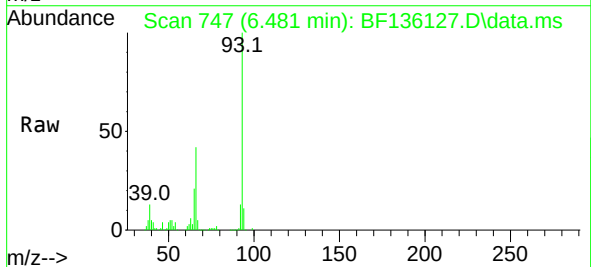
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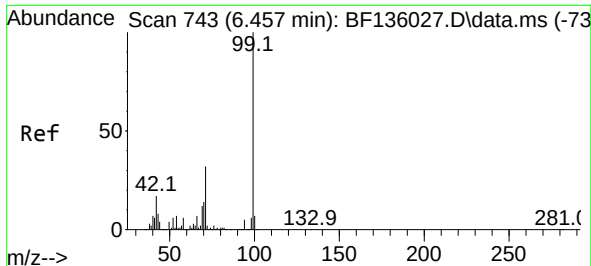
Reviewed By :Yogesh Patel 11/04/2023
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#6
Aniline
Concen: 24.119 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.011 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

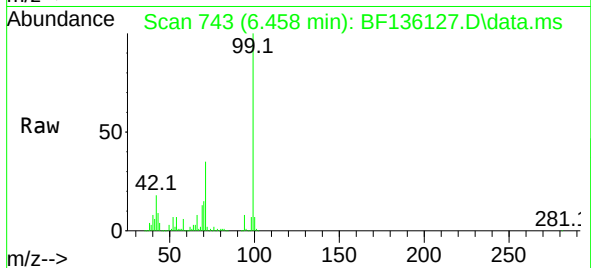
Tgt Ion: 93 Resp: 263156
Ion Ratio Lower Upper
93 100
66 42.2 32.4 48.6
65 20.6 16.2 24.2





#7
Phenol-d6
Concen: 100.370 ng
RT: 6.458 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

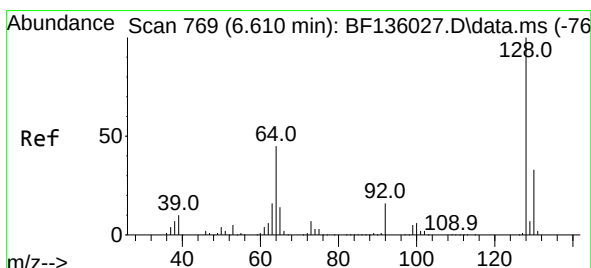
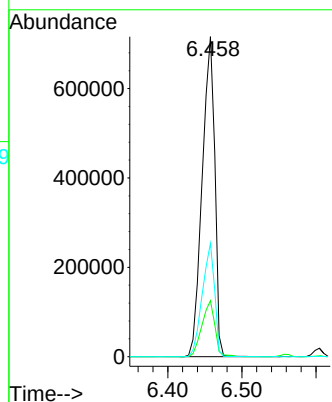
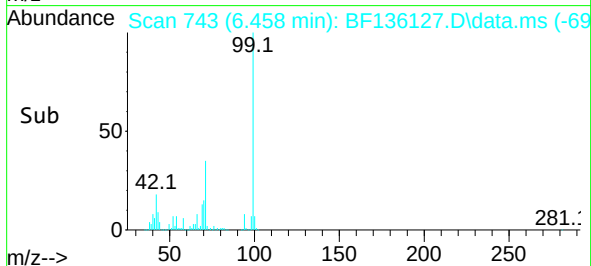
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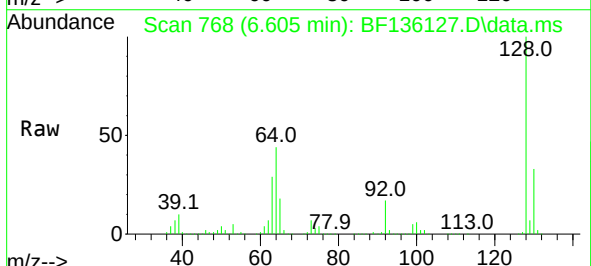
Tgt Ion: 99 Resp: 845840
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 35.5 25.9 38.9

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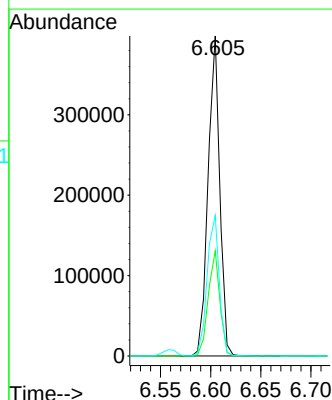
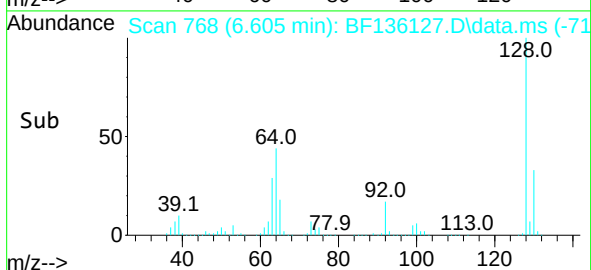
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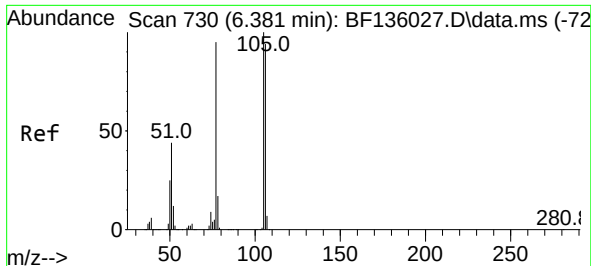


#8
2-Chlorophenol
Concen: 44.910 ng
RT: 6.605 min Scan# 768
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



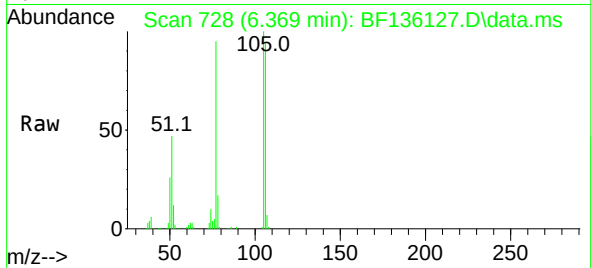
Tgt Ion:128 Resp: 324756
Ion Ratio Lower Upper
128 100
130 32.9 12.8 52.8
64 43.9 25.8 65.8





#9
Benzaldehyde
Concen: 15.754 ng
RT: 6.369 min Scan# 740
Delta R.T. -0.011 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

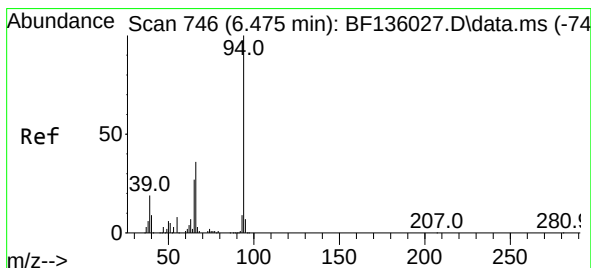
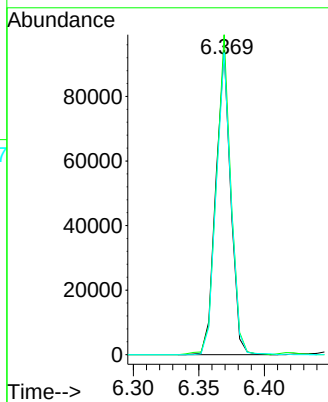
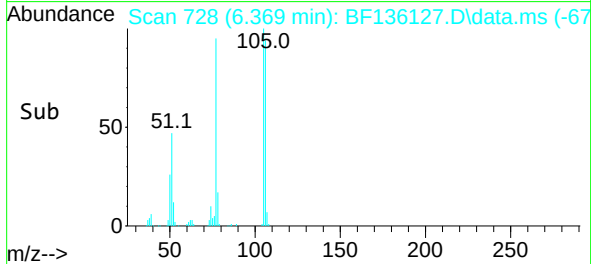
Instrument :
BNA_F
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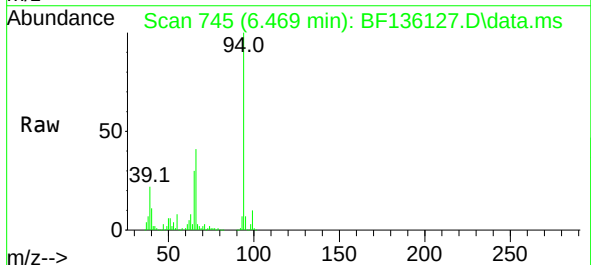
Tgt Ion: 77 Resp: 7403
Ion Ratio Lower Upper
77 100
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106 99.1 79.8 119.8

Manual Integrations
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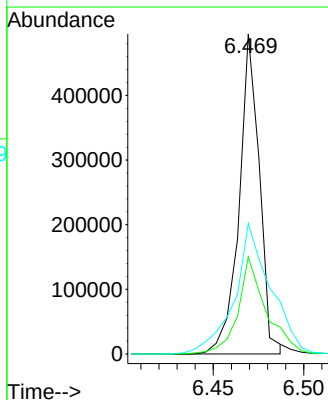
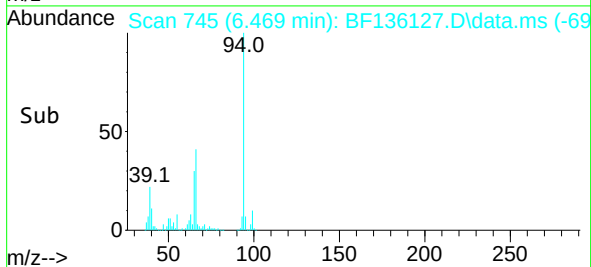
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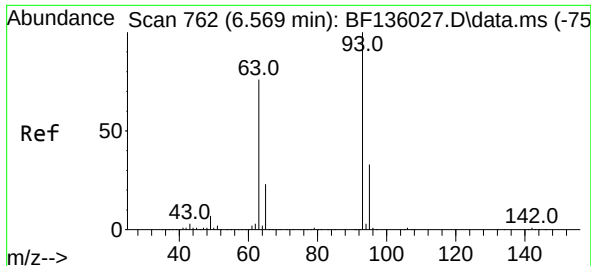


#10
Phenol
Concen: 44.277 ng m
RT: 6.469 min Scan# 745
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



Tgt Ion: 94 Resp: 385936
Ion Ratio Lower Upper
94 100
65 30.3 7.5 47.5
66 40.8 17.1 57.1





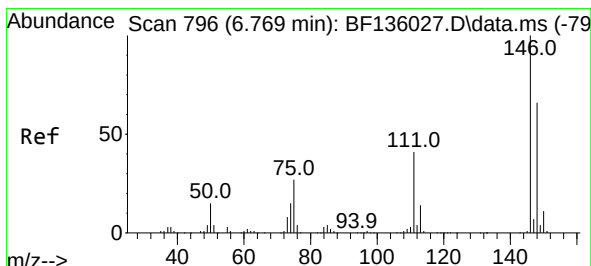
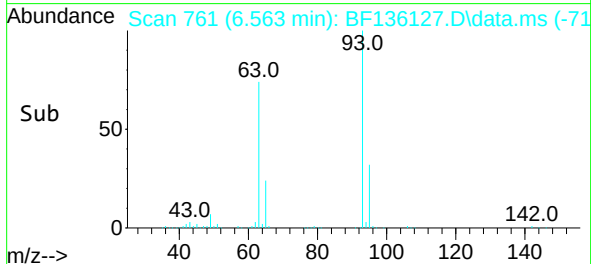
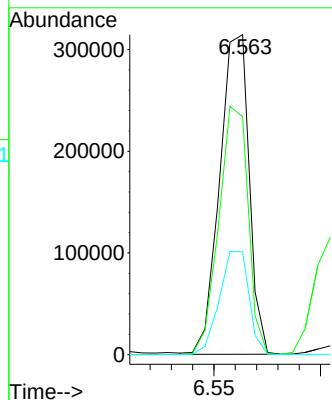
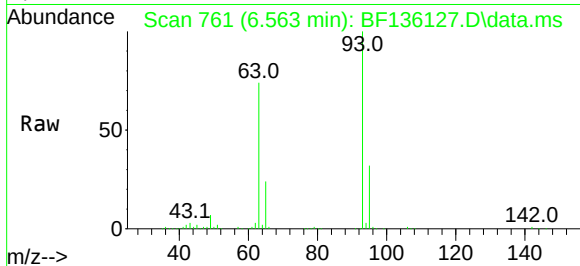
#11
bis(2-Chloroethyl)ether
Concen: 44.240 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :
BNA_F
ClientSampleId :
SCFM5D

Tgt Ion: 93 Resp: 301884
Ion Ratio Lower Upper
93 100
63 74.4 55.8 95.8
95 32.2 12.9 52.9

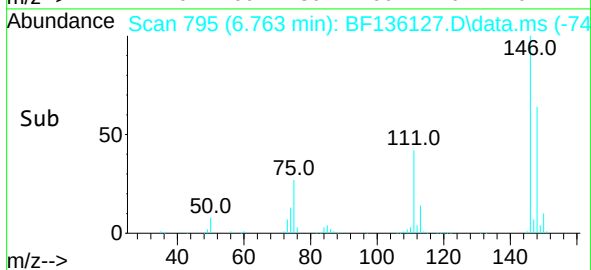
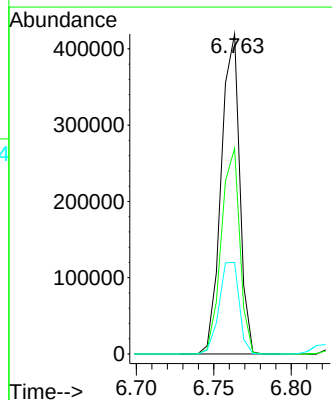
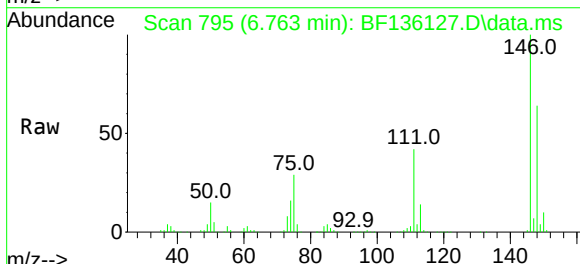
Manual Integrations
APPROVED

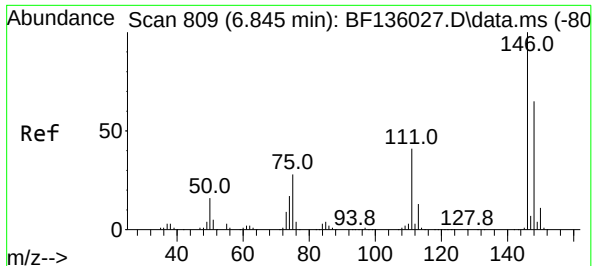
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#12
1,3-Dichlorobenzene
Concen: 46.188 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Tgt Ion:146 Resp: 347627
Ion Ratio Lower Upper
146 100
148 64.3 52.6 78.8
75 28.6 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 47.060 ng

RT: 6.840 min Scan# 809

Delta R.T. -0.005 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SCFMSD

Tgt Ion:146 Resp: 35495

Ion Ratio Lower Upper

146 100

148 64.3 52.1 78.1

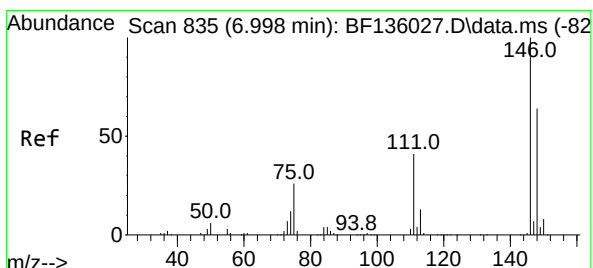
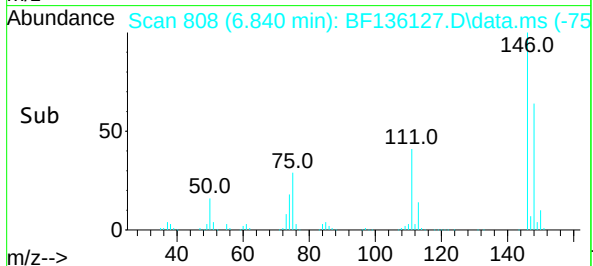
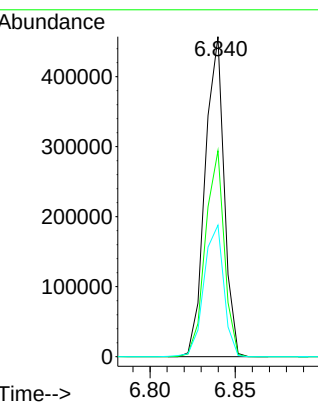
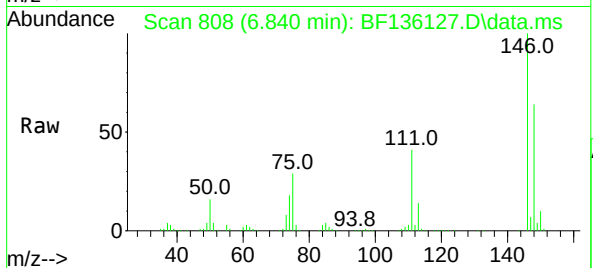
111 41.1 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#14

1,2-Dichlorobenzene

Concen: 47.461 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.011 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

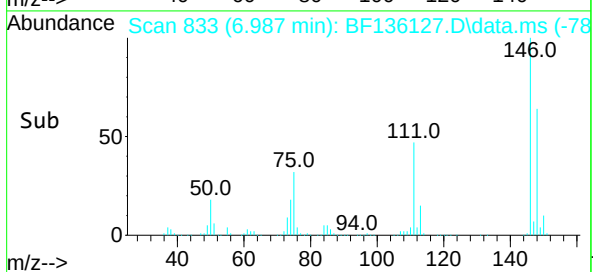
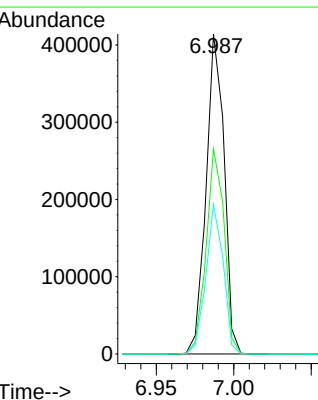
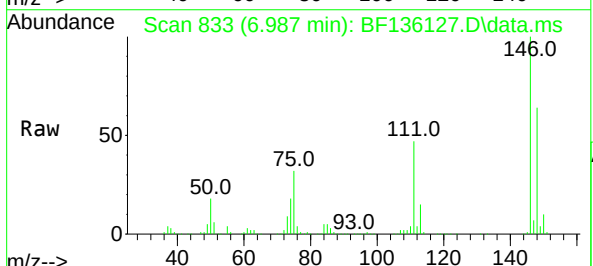
Tgt Ion:146 Resp: 334728

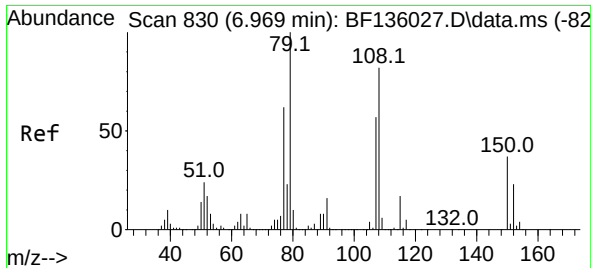
Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

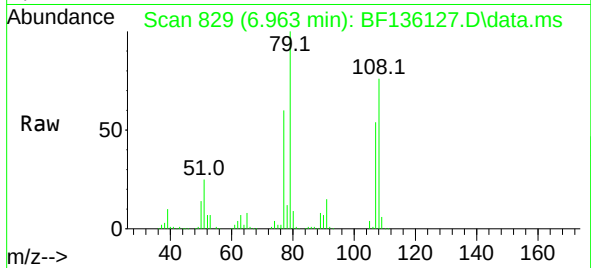
111 46.7 33.0 49.4





#15
Benzyl Alcohol
Concen: 45.306 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

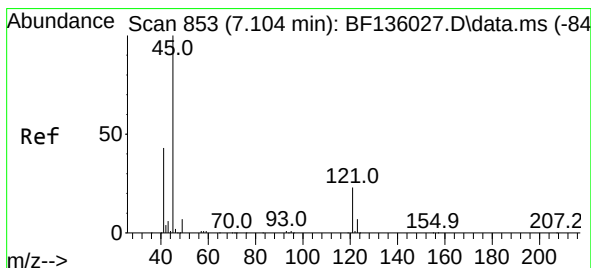
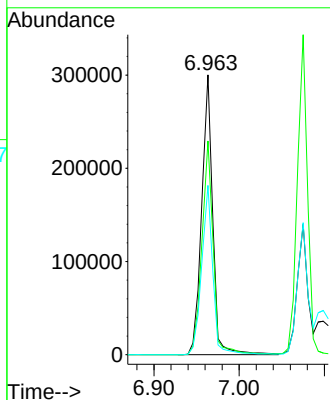
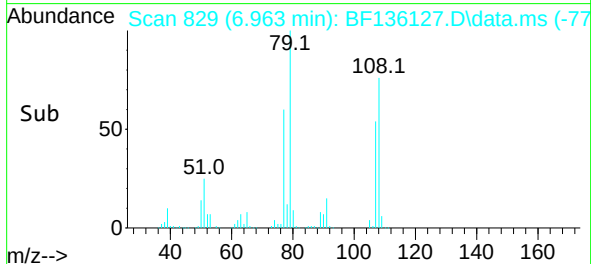
Instrument :
BNA_F
ClientSampleId :
SCFMSD



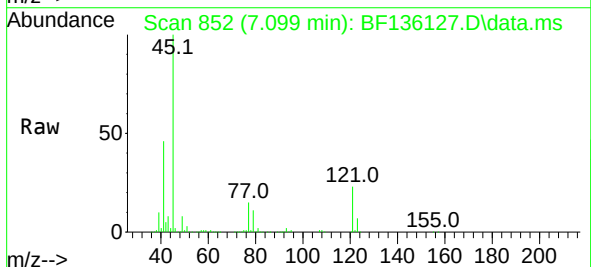
Tgt Ion: 79 Resp: 270720
Ion Ratio Lower Upper
79 100
108 76.4 65.9 98.9
77 60.5 49.4 74.2

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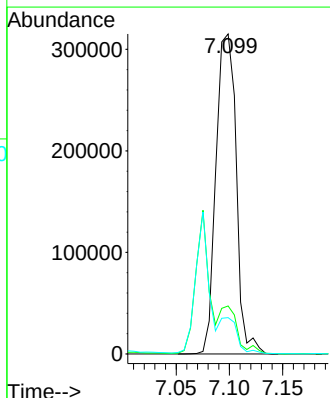
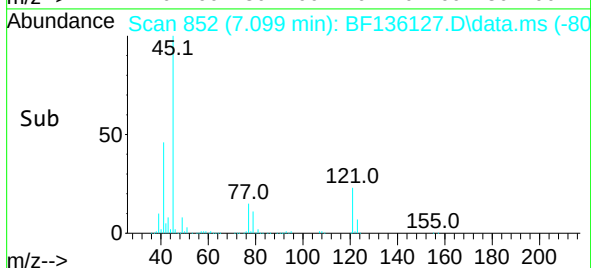
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

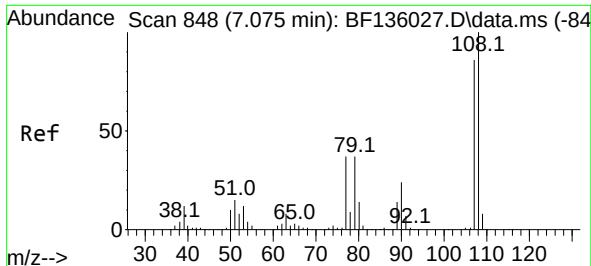


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.097 ng
RT: 7.099 min Scan# 852
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



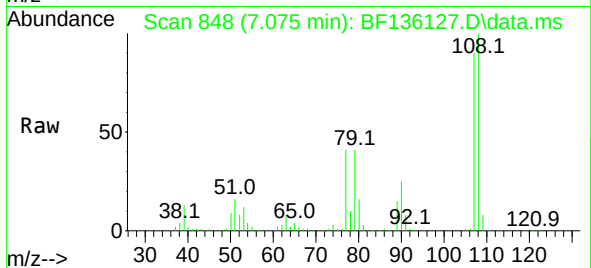
Tgt Ion: 45 Resp: 414182
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.6
79 11.4 0.0 30.6





#17
2-Methylphenol
Concen: 40.712 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

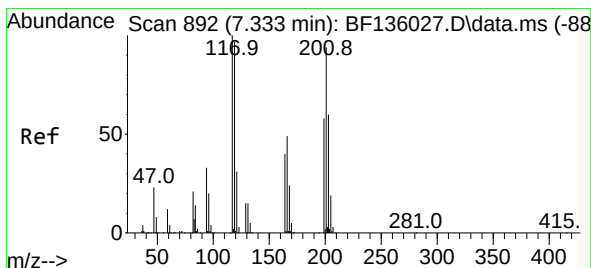
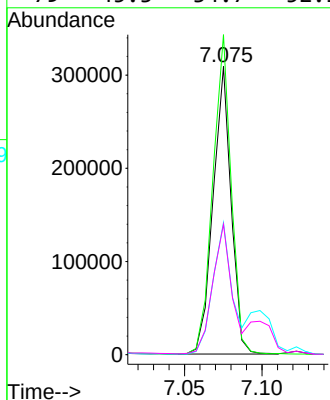
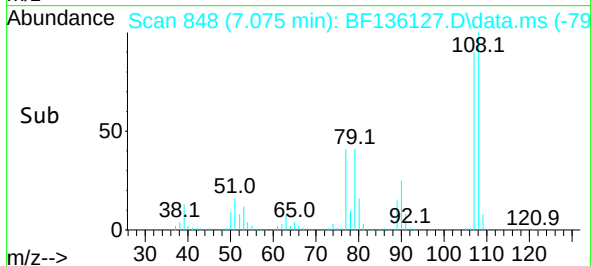
Instrument :
BNA_F
ClientSampleId :
SCFMSD



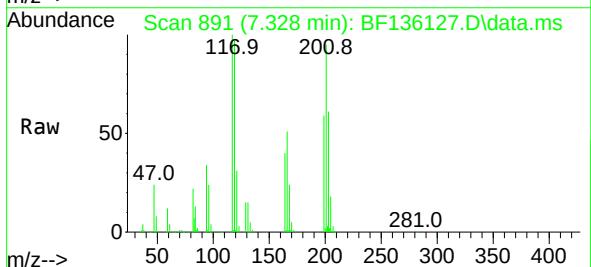
Tgt Ion:107 Resp: 24975
Ion Ratio Lower Upper
107 100
108 111.1 93.4 140.2
77 45.8 34.4 51.6
79 45.3 34.7 52.1

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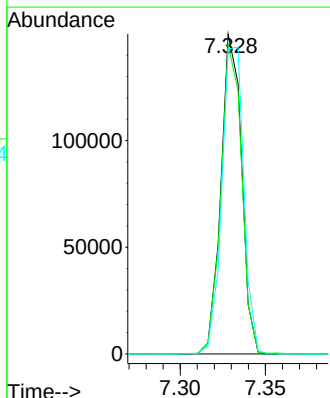
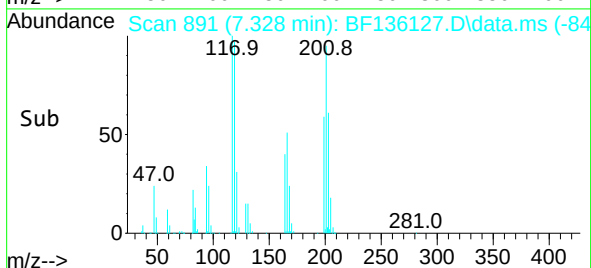
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

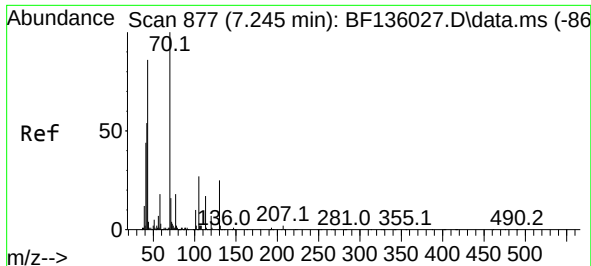


#18
Hexachloroethane
Concen: 47.555 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



Tgt Ion:117 Resp: 126071
Ion Ratio Lower Upper
117 100
119 96.6 77.7 116.5
201 95.3 75.0 112.6





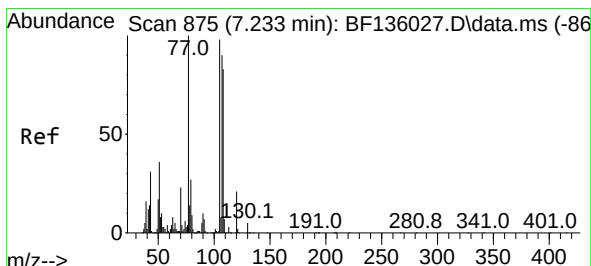
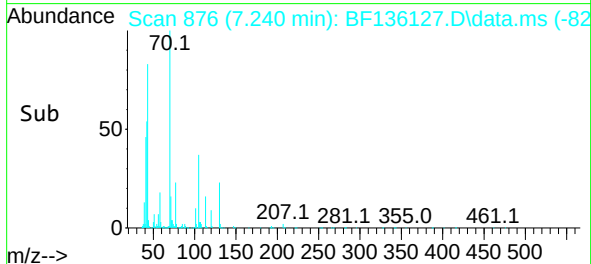
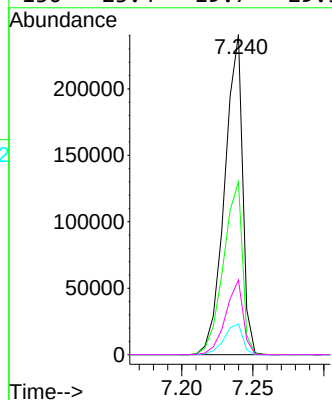
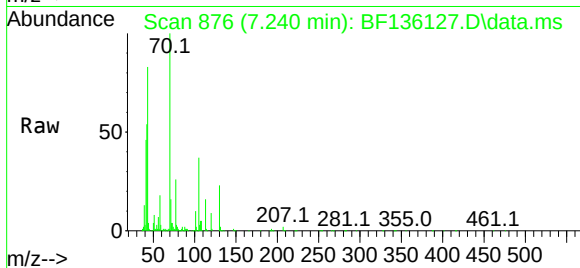
#19
n-Nitroso-di-n-propylamine
Concen: 43.897 ng
RT: 7.240 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :
BNA_F
ClientSampleId :
SCFMSD

Tgt Ion: 70 Resp: 211370
Ion Ratio Lower Upper
70 100
42 54.0 43.0 64.4
101 9.6 8.0 12.0
130 23.4 19.7 29.5

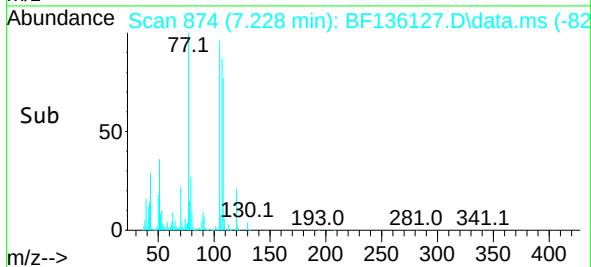
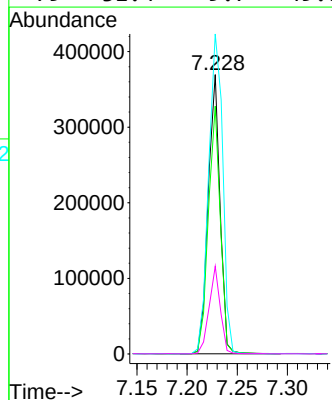
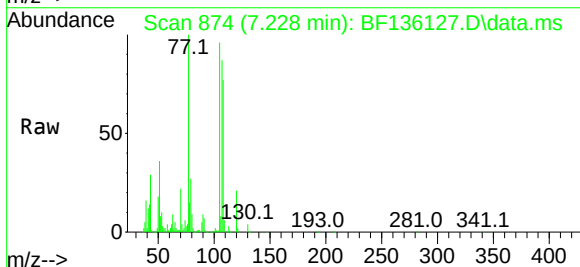
Manual Integrations
APPROVED

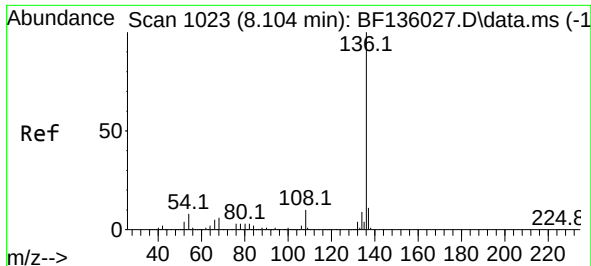
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#20
3+4-Methylphenols
Concen: 40.874 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Tgt Ion:107 Resp: 305757
Ion Ratio Lower Upper
107 100
108 88.7 72.3 112.3
77 114.5 91.4 131.4
79 31.4 9.7 49.7





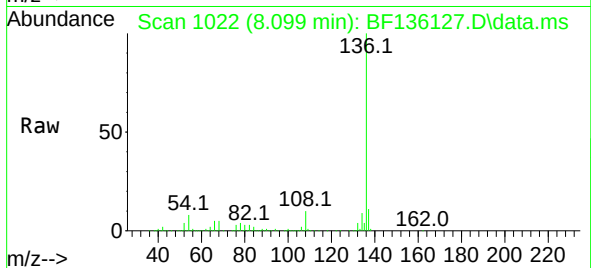
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.099 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SCFMSD

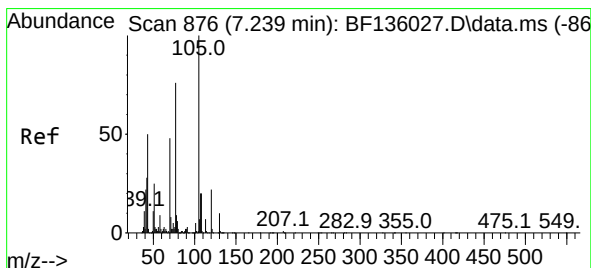
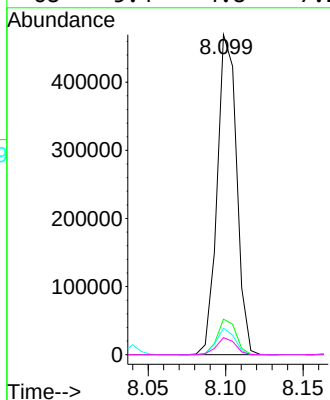
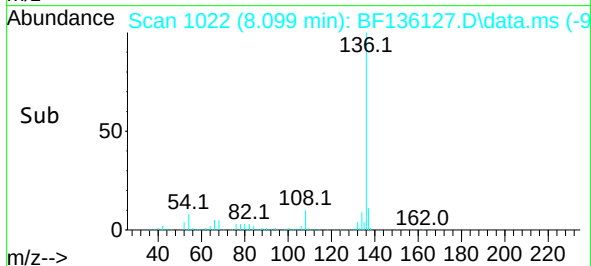


Tgt Ion:136 Resp: 410430
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.3 6.6 9.8
68 5.4 4.8 7.2

Manual Integrations

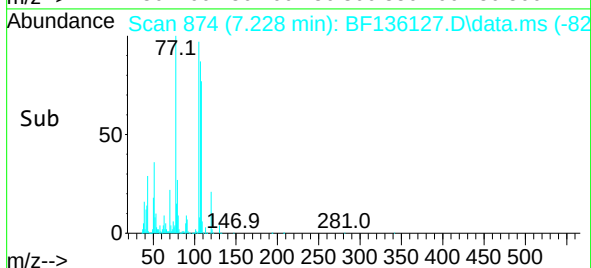
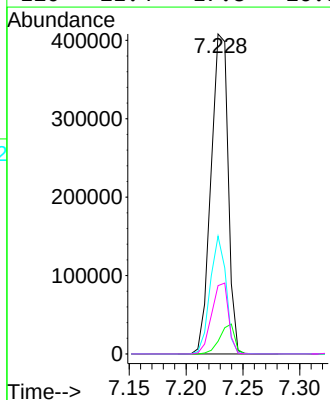
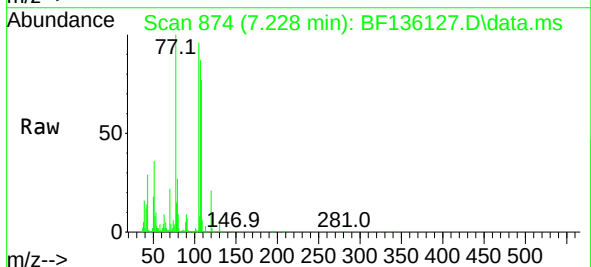
APPROVED

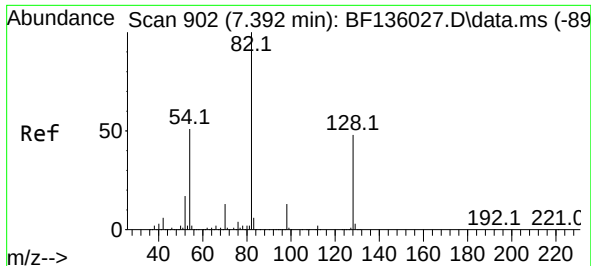
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#22
Acetophenone
Concen: 46.939 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.011 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Tgt Ion:105 Resp: 427198
Ion Ratio Lower Upper
105 100
71 3.9 6.5 9.7#
51 36.8 20.3 30.5#
120 21.4 17.8 26.8





#23

Nitrobenzene-d5

Concen: 77.369 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.005 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SCFMSD

Tgt Ion: 82 Resp: 526770

Ion Ratio Lower Upper

82 100

128 46.1 38.6 57.8

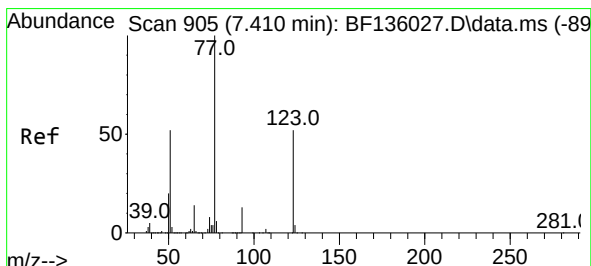
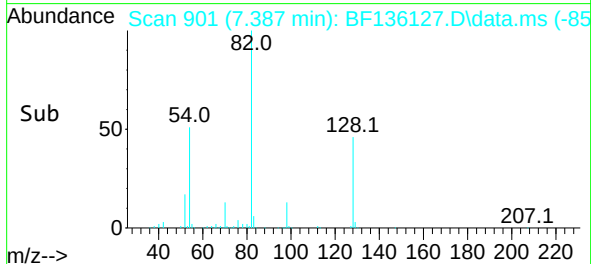
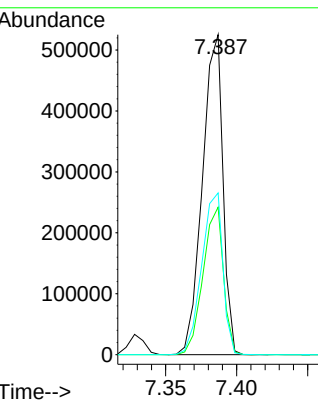
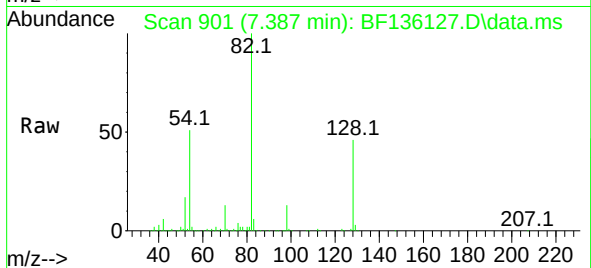
54 50.6 40.8 61.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#24

Nitrobenzene

Concen: 46.435 ng

RT: 7.405 min Scan# 904

Delta R.T. -0.005 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

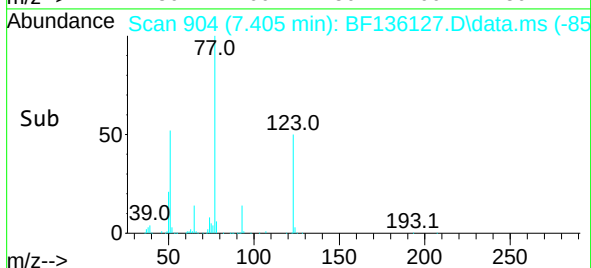
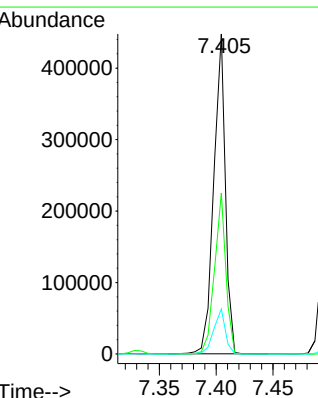
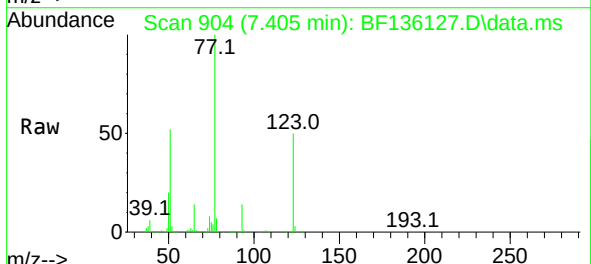
Tgt Ion: 77 Resp: 319799

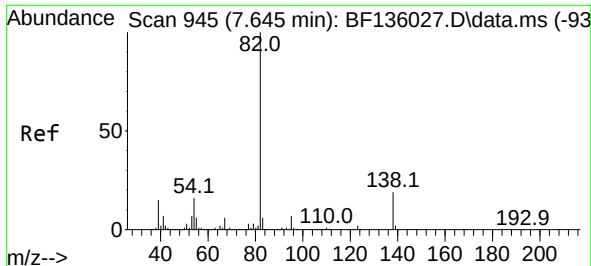
Ion Ratio Lower Upper

77 100

123 50.3 42.3 63.5

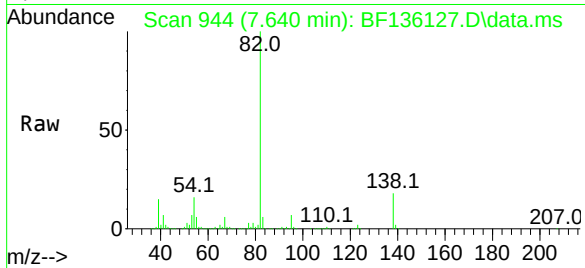
65 14.0 11.0 16.6





#25
Isophorone
Concen: 45.764 ng
RT: 7.640 min Scan# 945
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

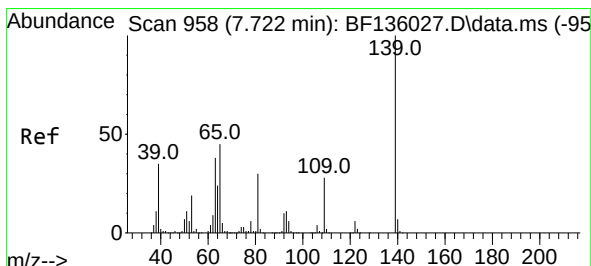
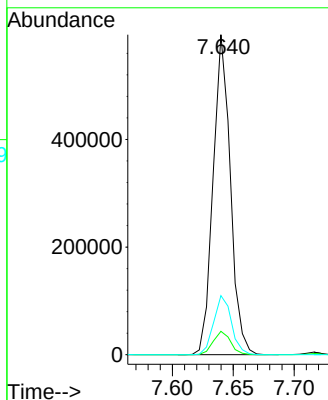
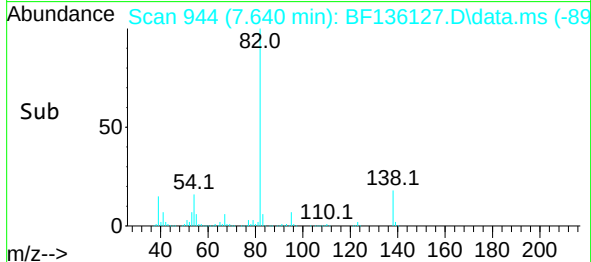
Instrument :
BNA_F
ClientSampleId :
SCFMSD



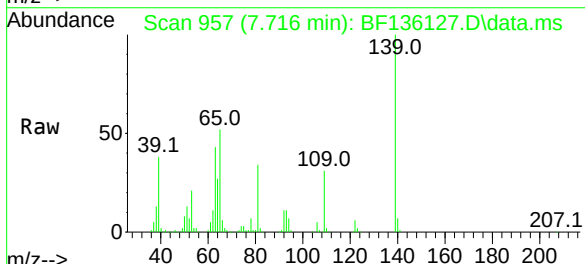
Tgt Ion: 82 Resp: 588230
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.5 15.3 22.9

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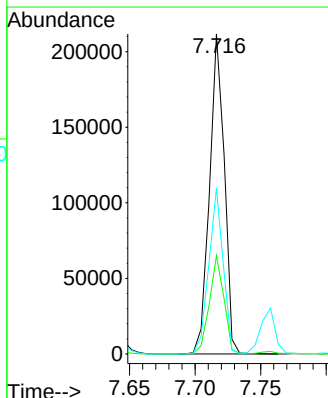
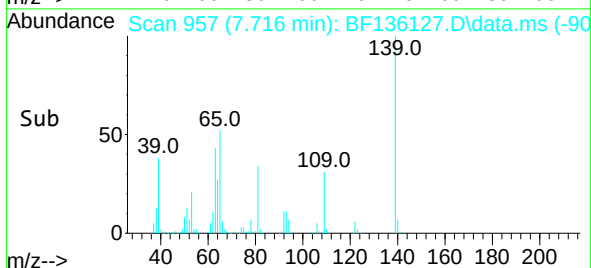
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

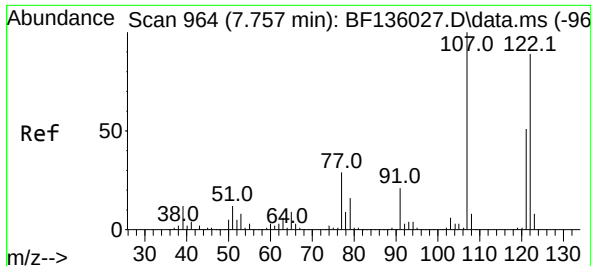


#26
2-Nitrophenol
Concen: 52.780 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



Tgt Ion:139 Resp: 165843
Ion Ratio Lower Upper
139 100
109 30.7 22.6 34.0
65 51.9 36.3 54.5





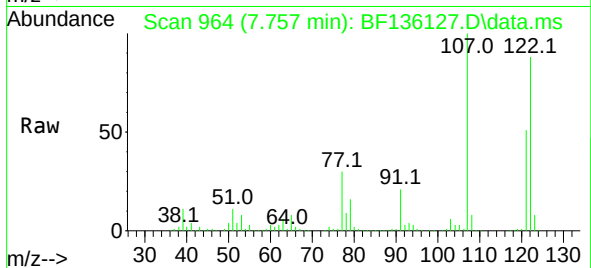
#27
2,4-Dimethylphenol
Concen: 40.268 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.001 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SCFMSD

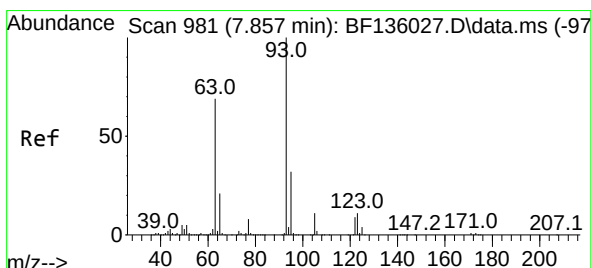
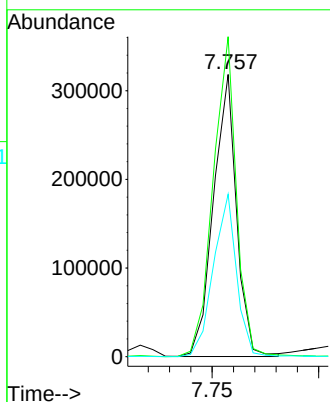
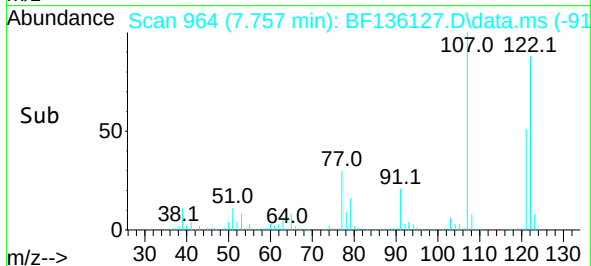


Tgt Ion:122 Resp: 239095
Ion Ratio Lower Upper
122 100
107 113.4 89.6 134.4
121 57.5 46.0 69.0

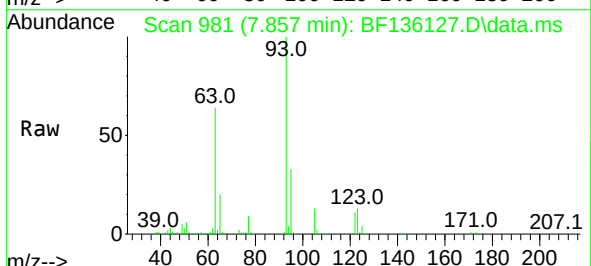
Manual Integrations

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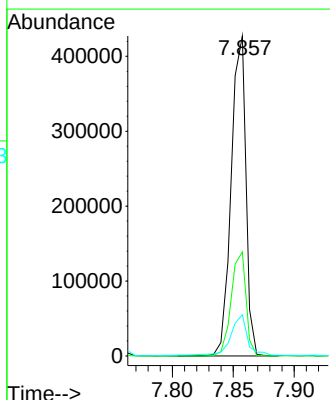
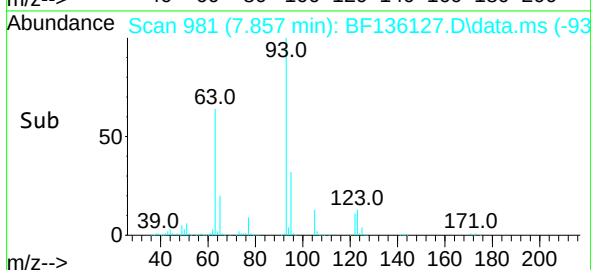
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

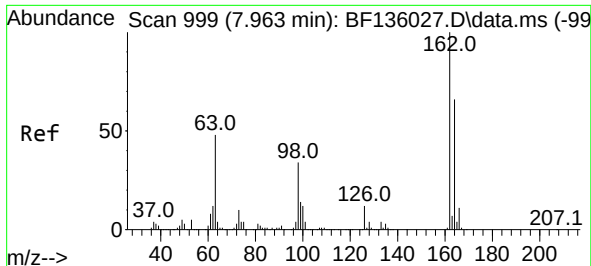


#28
bis(2-Chloroethoxy)methane
Concen: 45.451 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.001 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



Tgt Ion: 93 Resp: 357955
Ion Ratio Lower Upper
93 100
95 32.5 25.7 38.5
123 12.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.003 ng

RT: 7.957 min Scan# 999

Delta R.T. -0.005 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SCFMSD

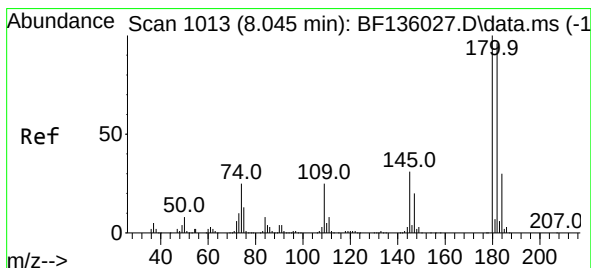
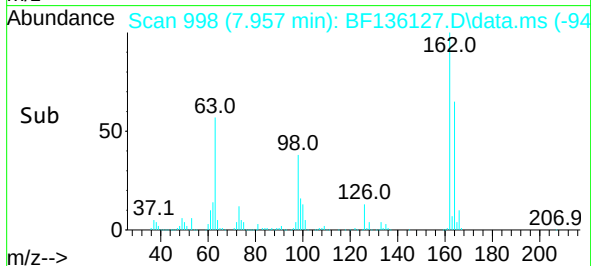
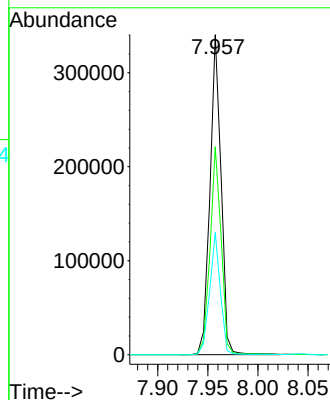
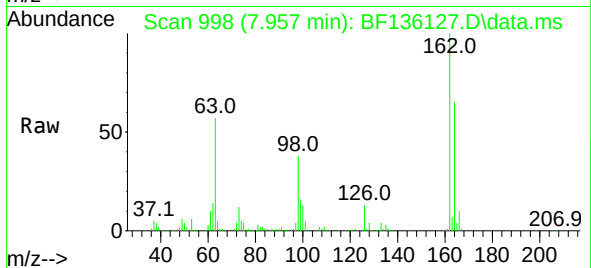
Tgt Ion:	162	Resp:	26310
Ion Ratio	Lower	Upper	
162	100		
164	65.0	45.5	85.5
98	38.2	14.4	54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.036 ng

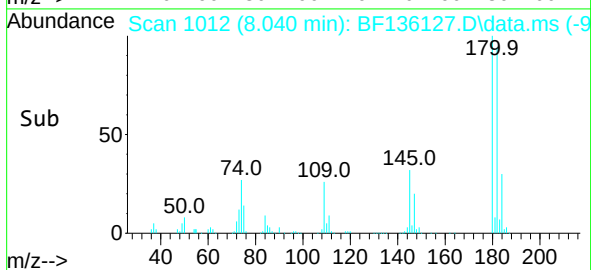
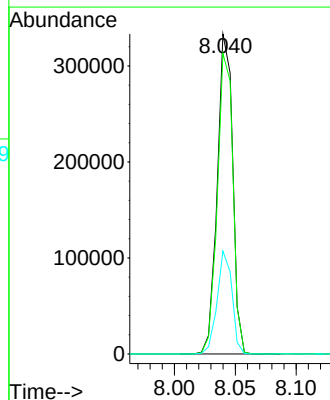
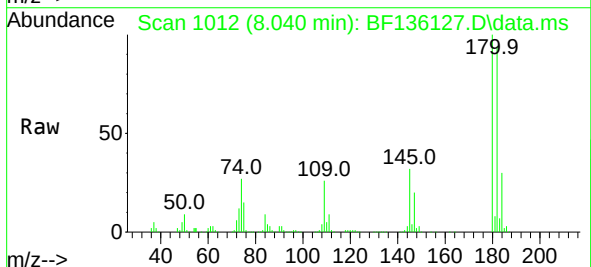
RT: 8.040 min Scan# 1012

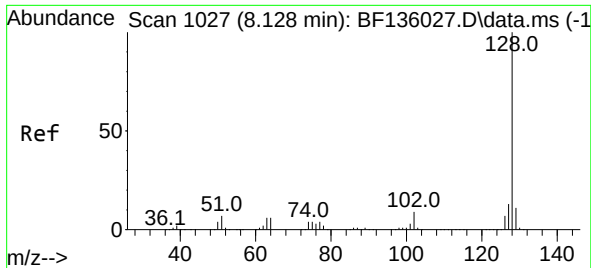
Delta R.T. -0.005 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

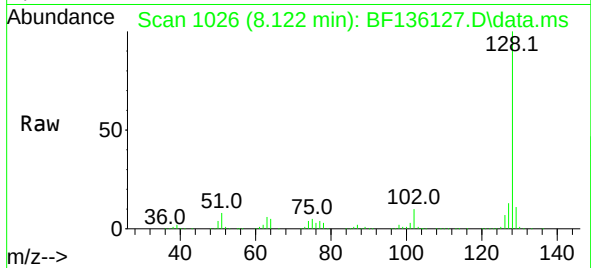
Tgt Ion:	180	Resp:	293328
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.9	115.3
145	32.2	24.7	37.1





#31
Naphthalene
Concen: 46.034 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

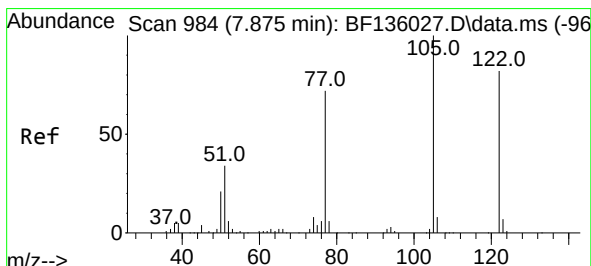
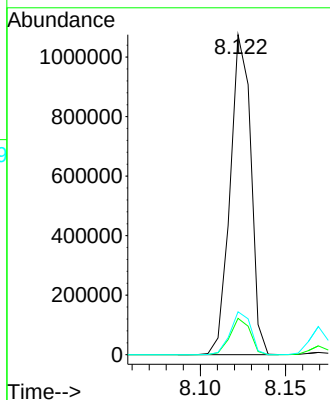
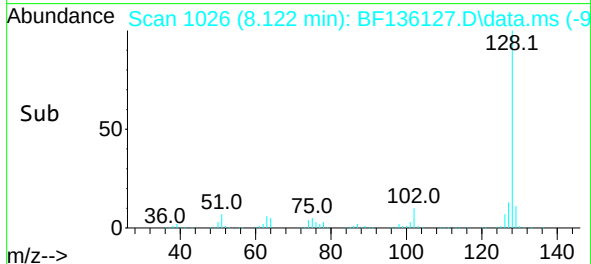
Instrument :
BNA_F
ClientSampleId :
SCFMSD



Tgt Ion:128 Resp: 91111
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.4 10.5 15.7

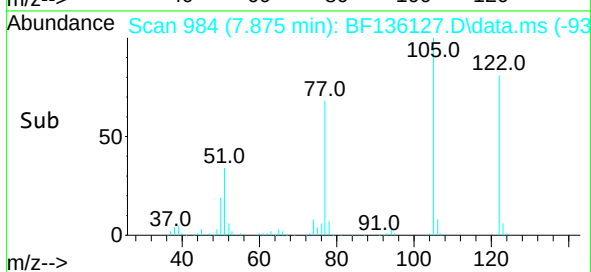
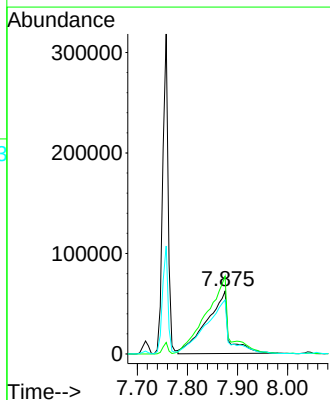
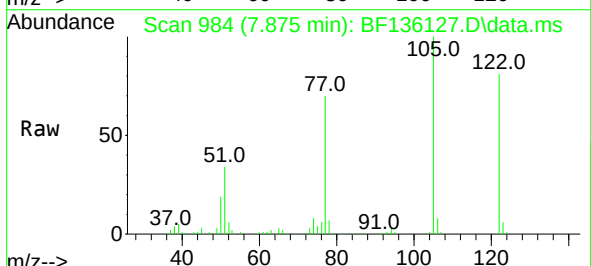
Manual Integrations
APPROVED

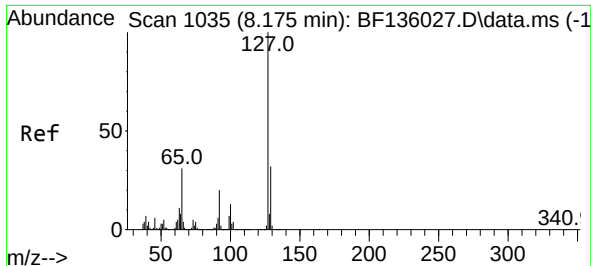
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#32
Benzoic acid
Concen: 41.532 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Tgt Ion:122 Resp: 193881
Ion Ratio Lower Upper
122 100
105 123.9 99.5 139.5
77 86.2 66.8 106.8





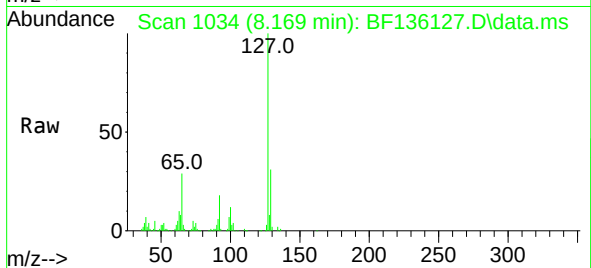
#33
4-Chloroaniline
Concen: 9.143 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SCFMSD

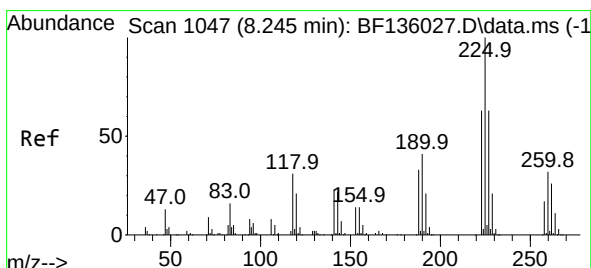
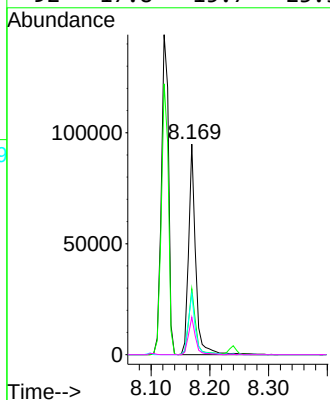
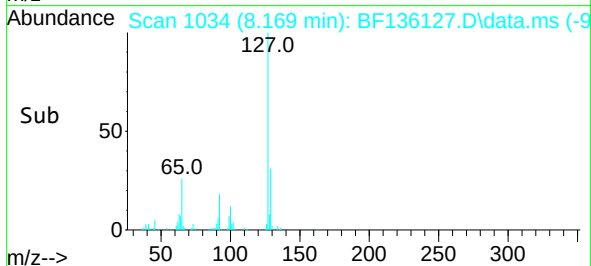


Tgt Ion:127 Resp: 79245
Ion Ratio Lower Upper
127 100
129 31.3 25.9 38.9
65 29.0 24.6 37.0
92 17.8 15.7 23.5

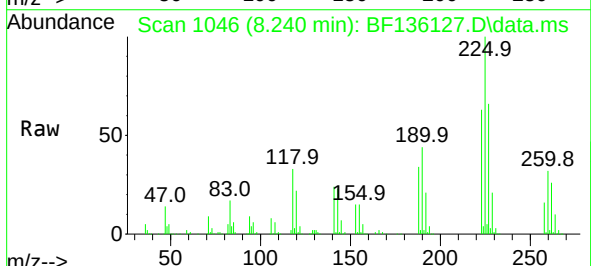
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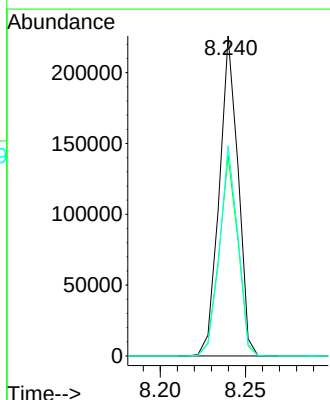
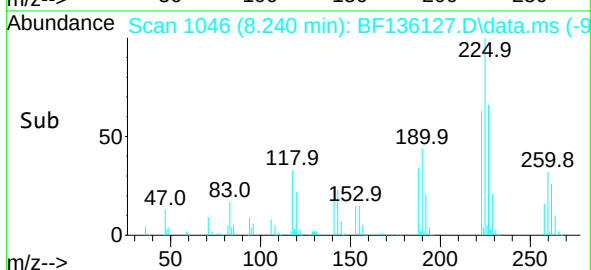
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

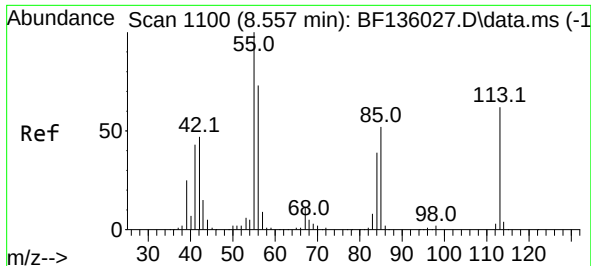


#34
Hexachlorobutadiene
Concen: 49.349 ng
RT: 8.240 min Scan# 1046
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



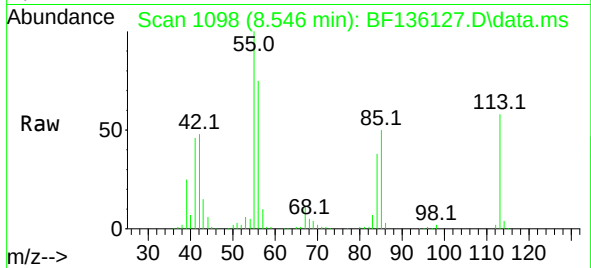
Tgt Ion:225 Resp: 172817
Ion Ratio Lower Upper
225 100
223 62.5 50.3 75.5
227 65.7 50.6 75.8





#35
Caprolactam
Concen: 46.875 ng m
RT: 8.546 min Scan# 1109
Delta R.T. -0.011 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

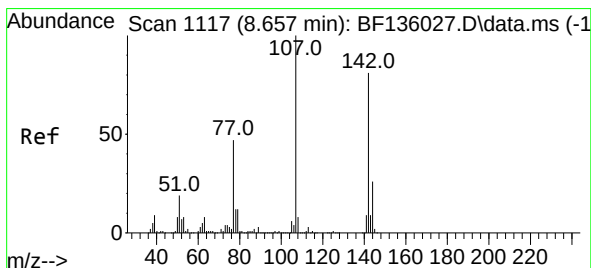
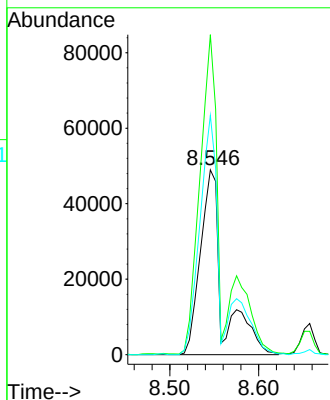
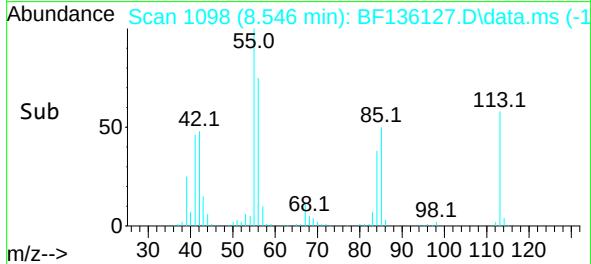
Instrument :
BNA_F
ClientSampleId :
SCFMSD



Tgt Ion:113 Resp: 85318
Ion Ratio Lower Upper
113 100
55 173.2 142.2 182.2
56 129.4 97.7 137.7

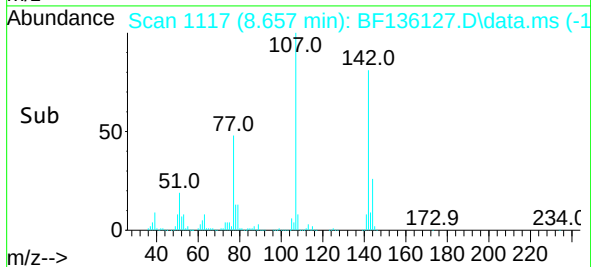
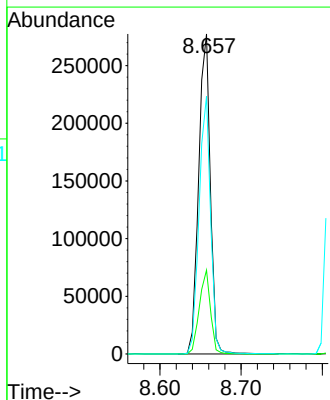
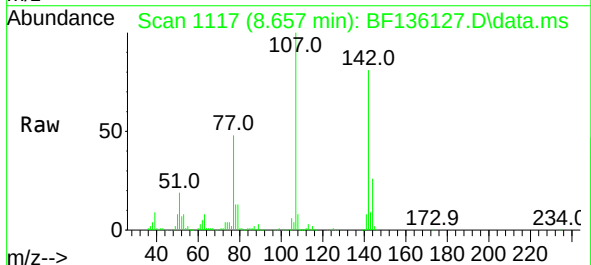
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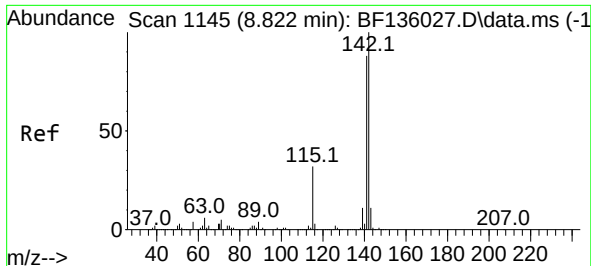
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#36
4-Chloro-3-methylphenol
Concen: 47.146 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.001 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Tgt Ion:107 Resp: 277061
Ion Ratio Lower Upper
107 100
144 26.2 20.6 31.0
142 80.6 64.6 97.0





#37

2-Methylnaphthalene

Concen: 43.987 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.005 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SCFMSD

Tgt Ion:142 Resp: 58375

Ion Ratio Lower Upper

142 100

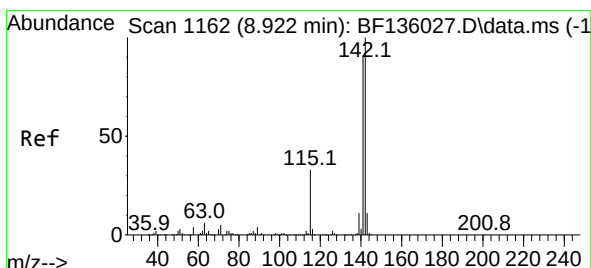
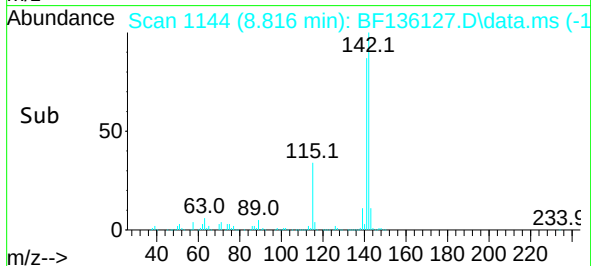
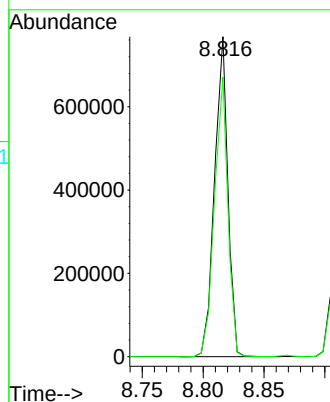
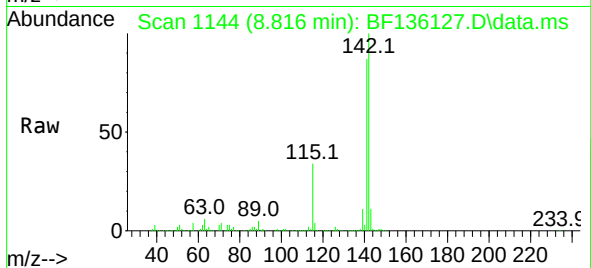
141 87.4 70.4 105.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#38

1-Methylnaphthalene

Concen: 45.456 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.005 min

Lab File: BF136127.D

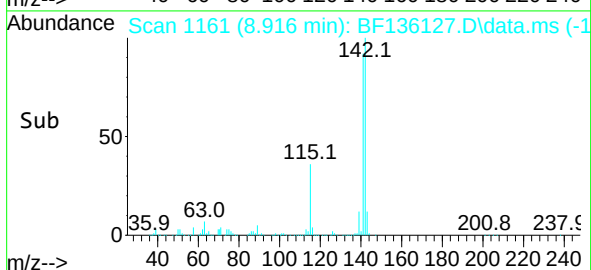
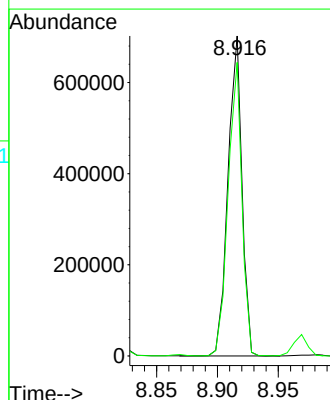
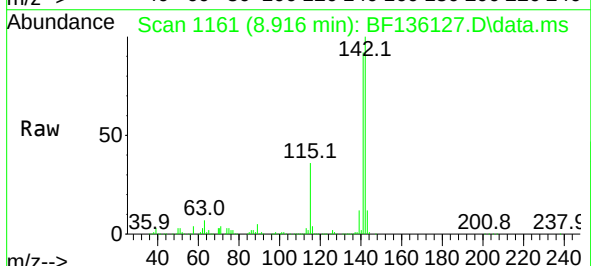
Acq: 03 Nov 2023 16:39

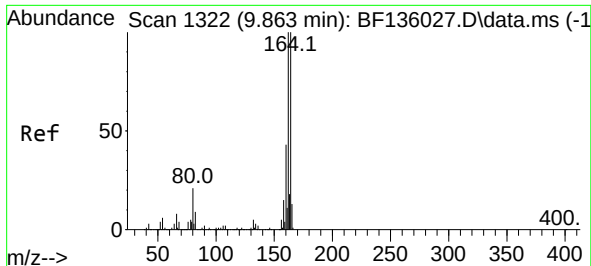
Tgt Ion:142 Resp: 561379

Ion Ratio Lower Upper

142 100

141 91.8 72.6 109.0





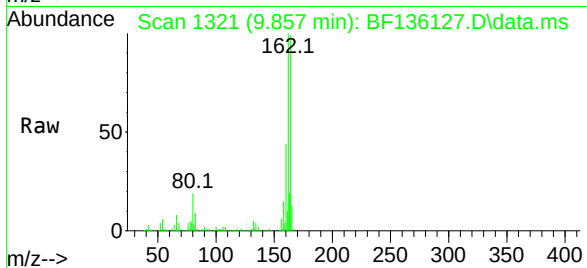
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :

BNF_F

ClientSampleId :

SCFMSD

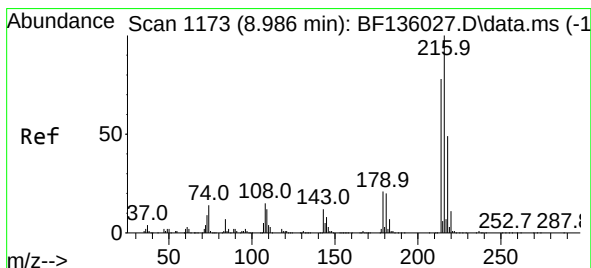
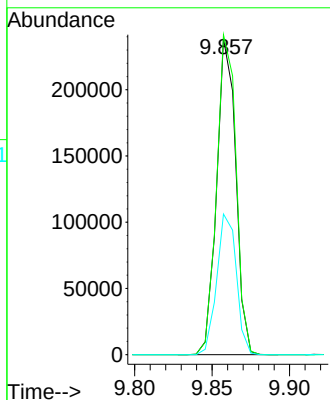
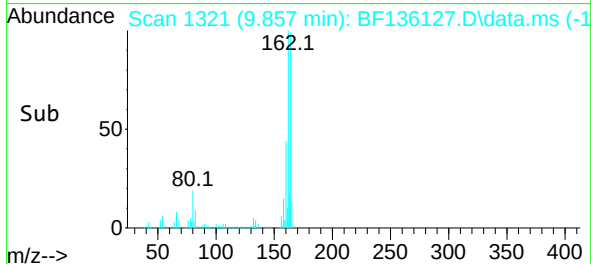


Tgt Ion:164 Resp: 20482
Ion Ratio Lower Upper
164 100
162 101.2 80.1 120.1
160 44.5 34.8 52.2

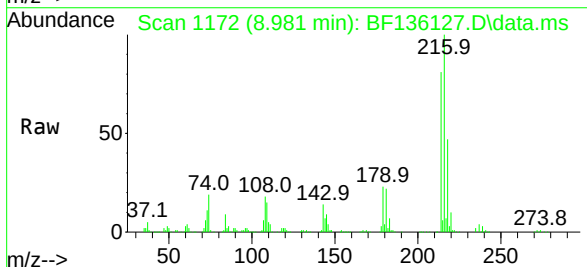
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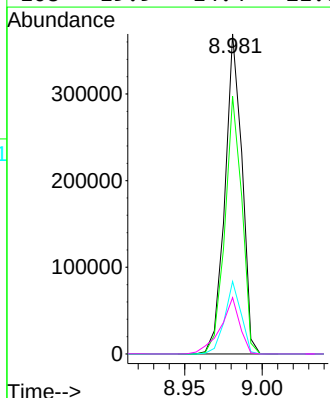
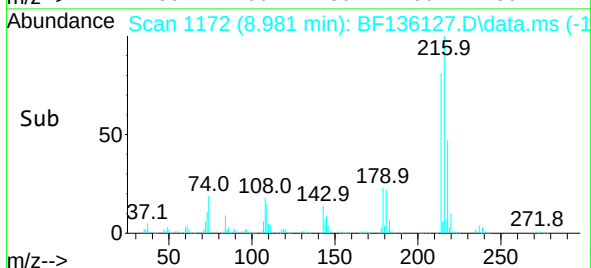
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

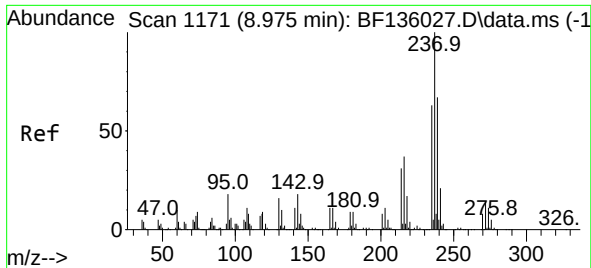


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.342 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



Tgt Ion:216 Resp: 282380
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.6
179 21.7 17.5 26.3
108 19.9 14.4 21.6





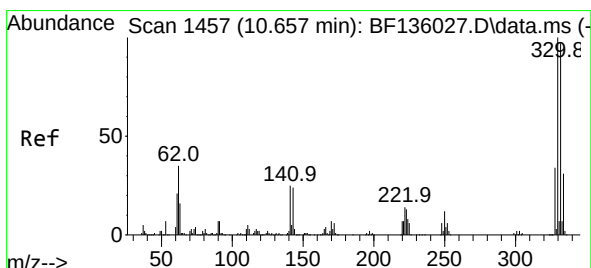
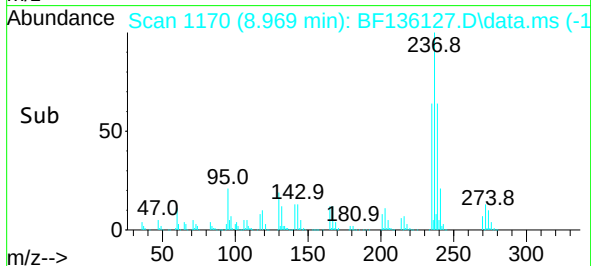
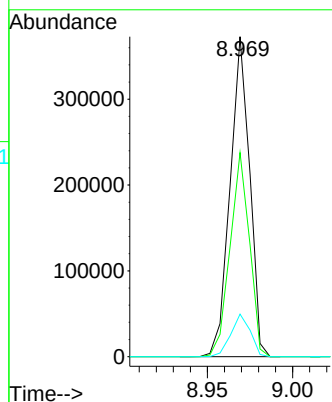
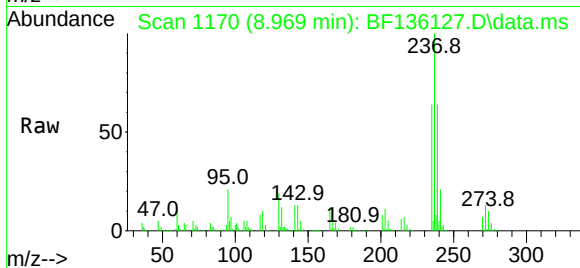
#41
Hexachlorocyclopentadiene
Concen: 95.340 ng
RT: 8.969 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :
BNA_F
ClientSampleId :
SCFMSD

Tgt Ion:237 Resp: 297528
Ion Ratio Lower Upper
237 100
235 63.8 43.3 83.3
272 13.3 0.0 34.2

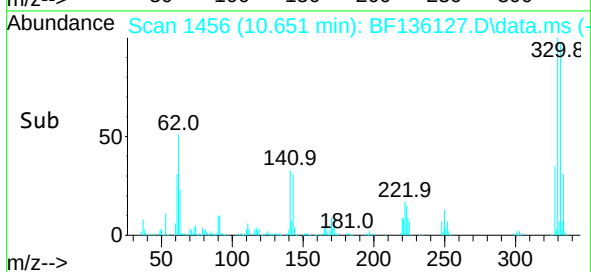
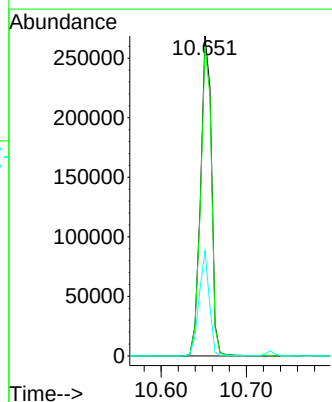
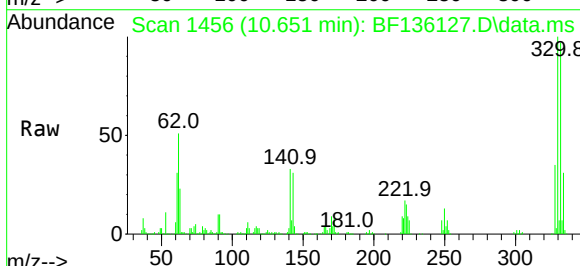
Manual Integrations
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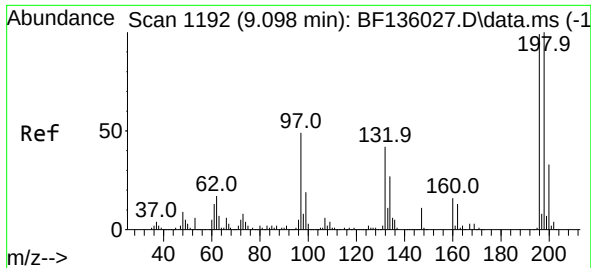
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#42
2,4,6-Tribromophenol
Concen: 109.526 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

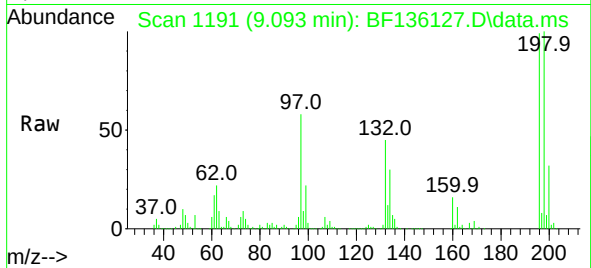
Tgt Ion:330 Resp: 239446
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 30.9 23.2 34.8





#43
2,4,6-Trichlorophenol
Concen: 47.904 ng
RT: 9.093 min Scan# 1192
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

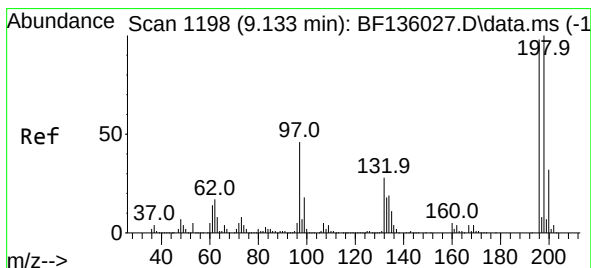
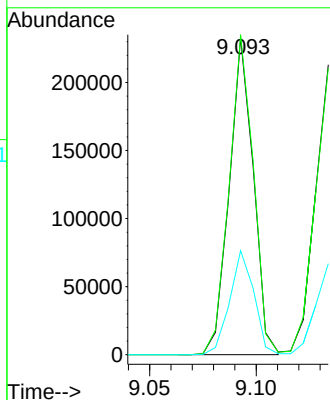
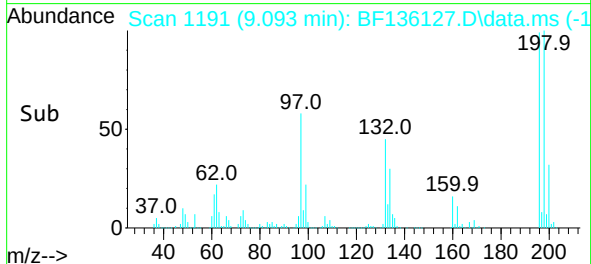
Instrument :
BNA_F
ClientSampleId :
SCFMSD



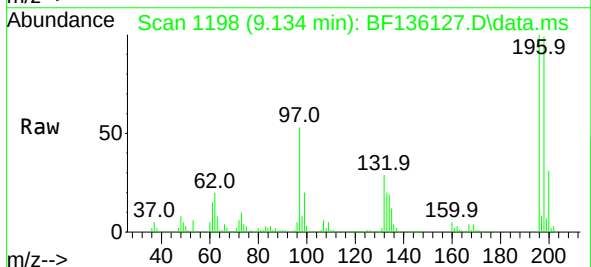
Tgt Ion:196 Resp: 18244
Ion Ratio Lower Upper
196 100
198 101.0 80.7 121.1
200 32.8 26.8 40.2

Manual Integrations
APPROVED

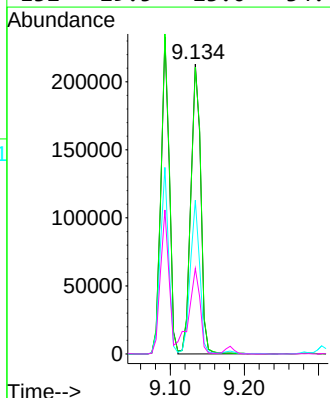
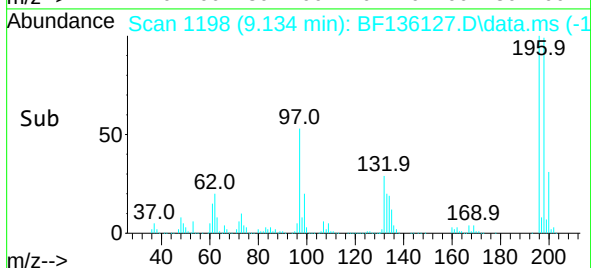
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

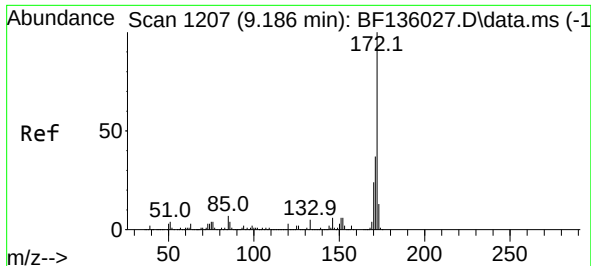


#44
2,4,5-Trichlorophenol
Concen: 44.756 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.001 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



Tgt Ion:196 Resp: 197457
Ion Ratio Lower Upper
196 100
198 98.9 81.6 122.4
97 53.1 38.2 57.2
132 29.5 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 72.462 ng
RT: 9.181 min Scan# 1207
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

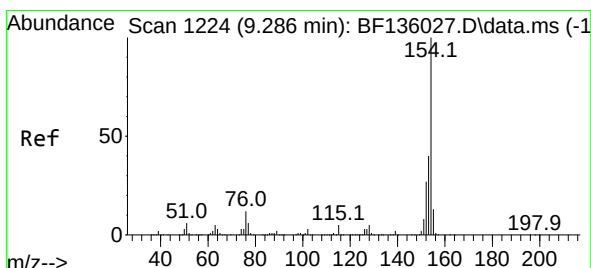
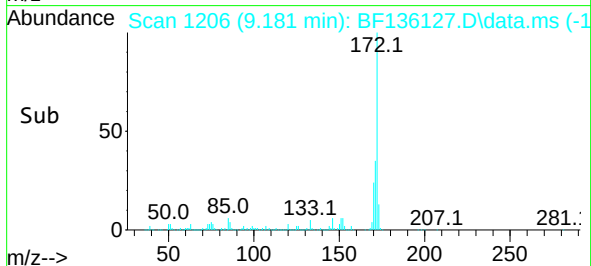
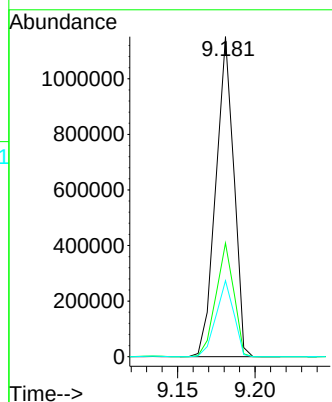
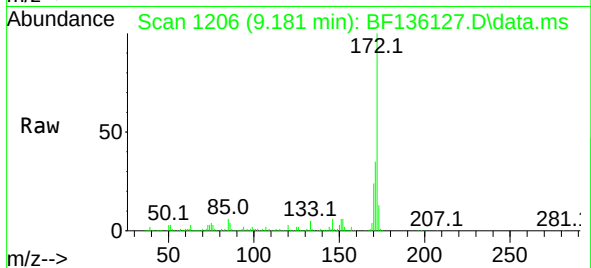
SCFMSD

Tgt Ion:172 Resp: 93104
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.7 19.3 28.9

Manual Integrations

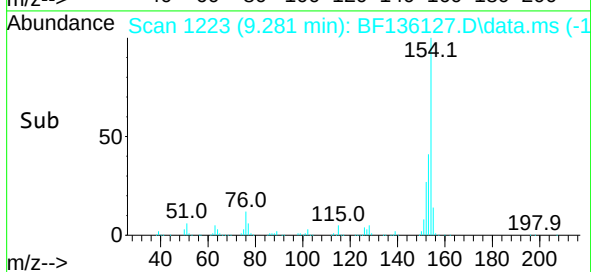
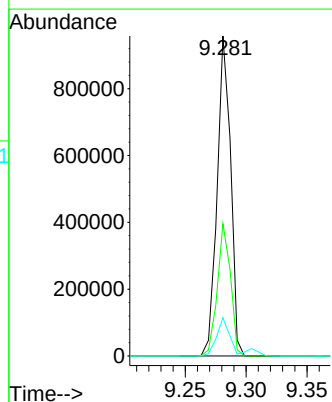
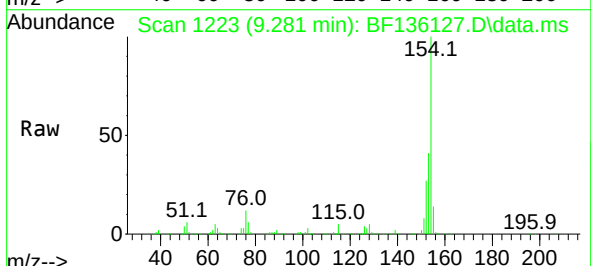
APPROVED

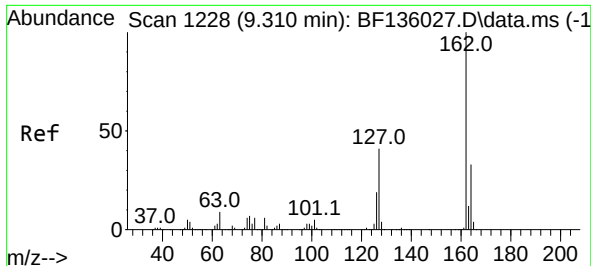
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#46
1,1'-Biphenyl
Concen: 47.272 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Tgt Ion:154 Resp: 738100
Ion Ratio Lower Upper
154 100
153 41.3 20.1 60.1
76 12.0 0.0 32.5





#47

2-Chloronaphthalene

Concen: 48.774 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SCFMSD

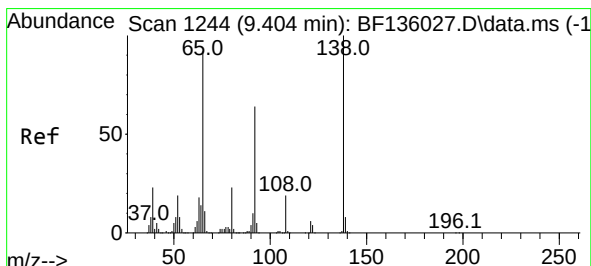
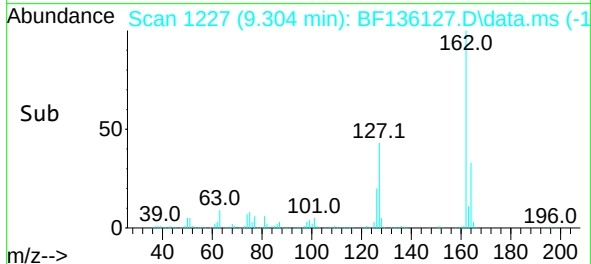
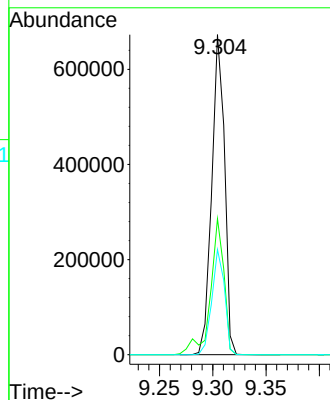
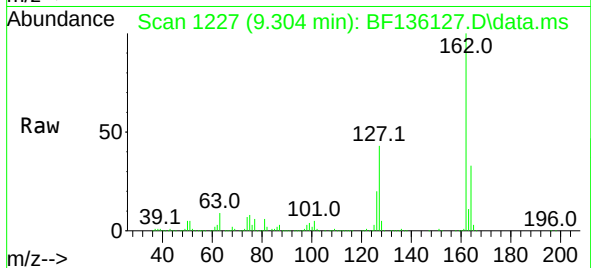
Tgt Ion:162 Resp: 561410
 Ion Ratio Lower Upper
 162 100
 127 42.5 32.4 48.6
 164 32.9 26.7 40.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#48

2-Nitroaniline

Concen: 47.951 ng

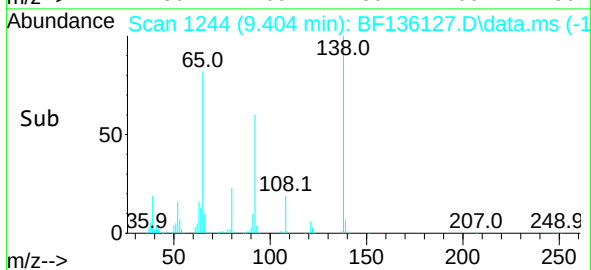
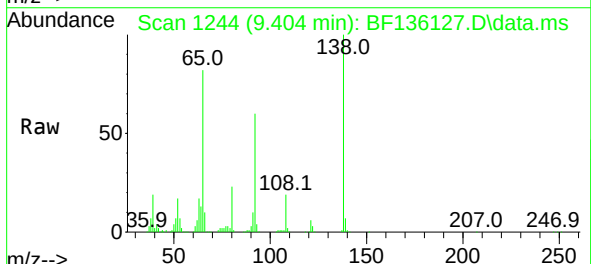
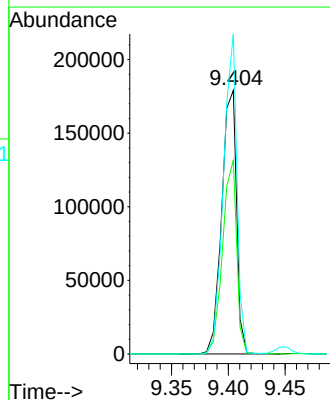
RT: 9.404 min Scan# 1244

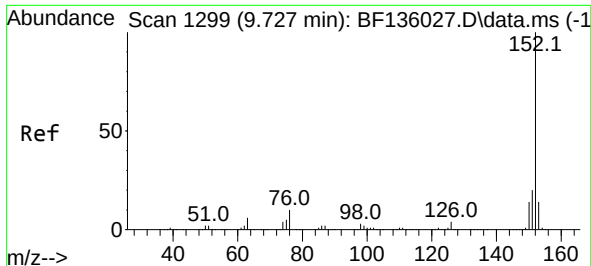
Delta R.T. 0.001 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

Tgt Ion: 65 Resp: 163345
 Ion Ratio Lower Upper
 65 100
 92 73.4 55.7 83.5
 138 121.4 86.8 130.2





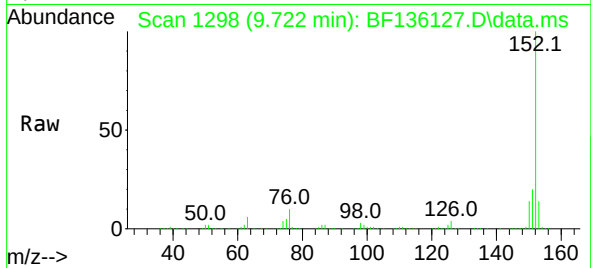
#49
Acenaphthylene
Concen: 48.883 ng
RT: 9.722 min Scan# 1299
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SCFMSD

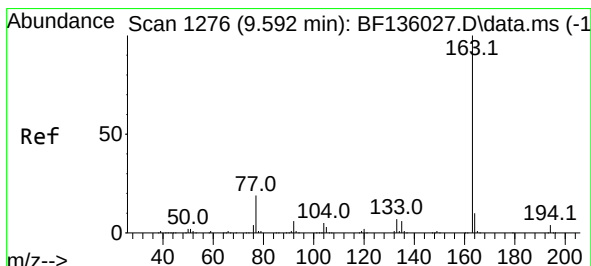
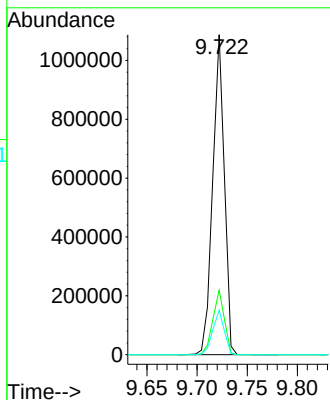
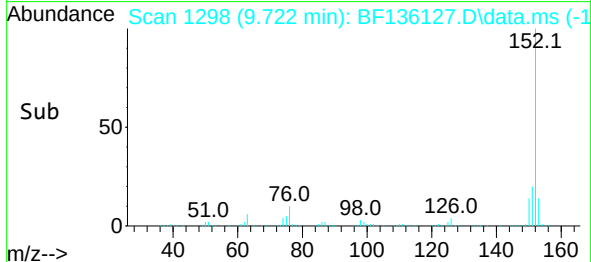


Tgt Ion:152 Resp: 877776
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.9 11.4 17.2

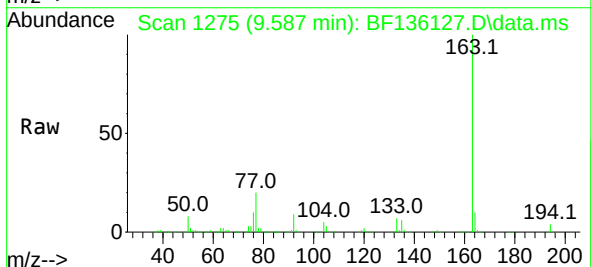
Manual Integrations

APPROVED

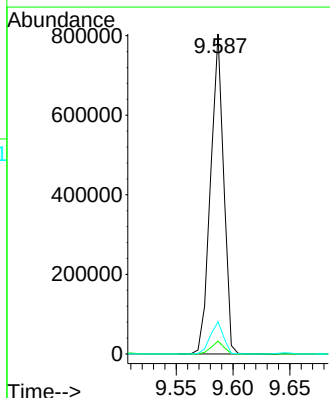
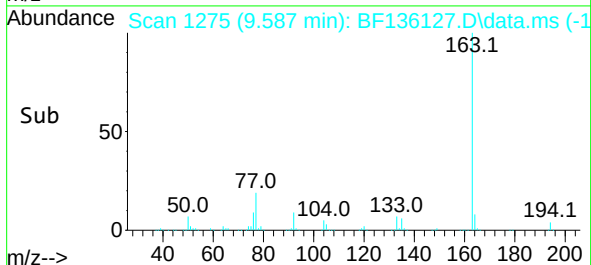
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

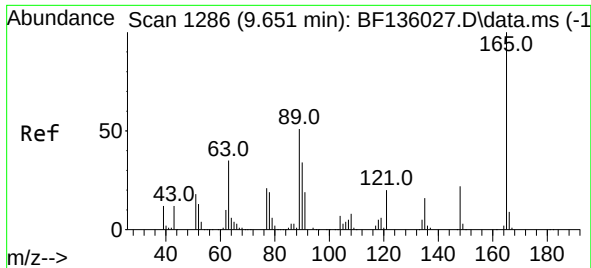


#50
Dimethylphthalate
Concen: 47.594 ng
RT: 9.587 min Scan# 1275
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



Tgt Ion:163 Resp: 643014
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 8.1 12.1





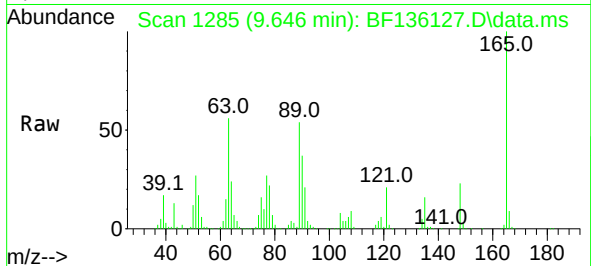
#51
2,6-Dinitrotoluene
Concen: 50.246 ng
RT: 9.646 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SCFMSD

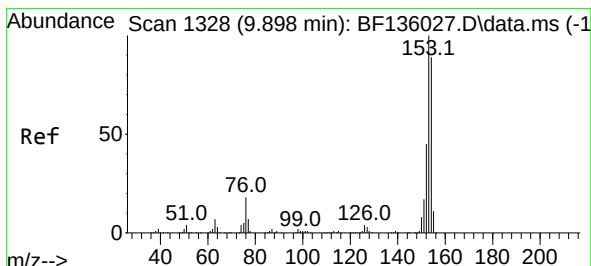
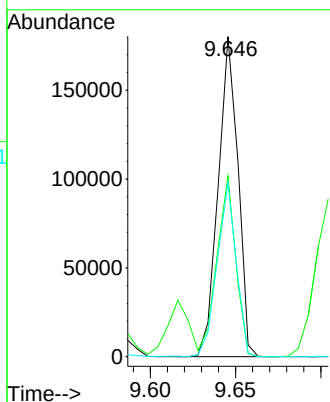
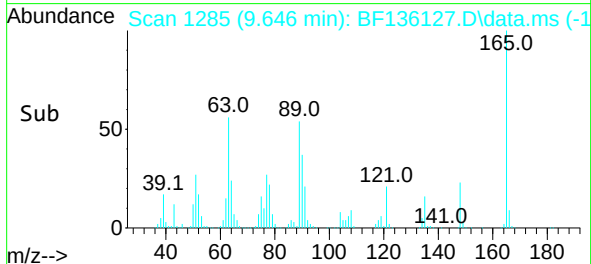


Tgt Ion:165 Resp: 145190
Ion Ratio Lower Upper
165 100
63 56.5 40.8 61.2
89 54.2 41.1 61.7

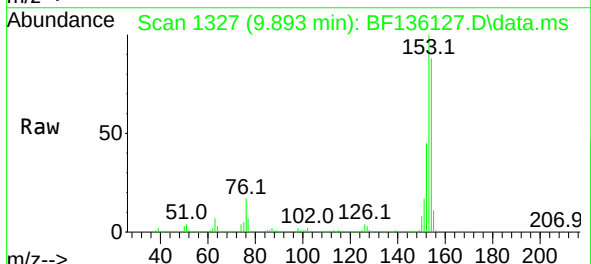
Manual Integrations

APPROVED

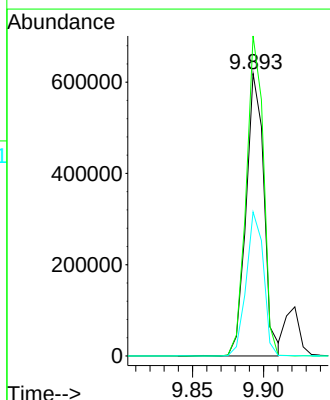
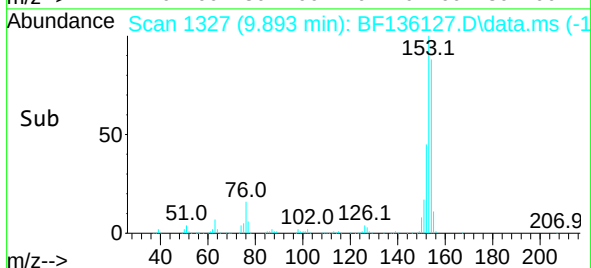
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

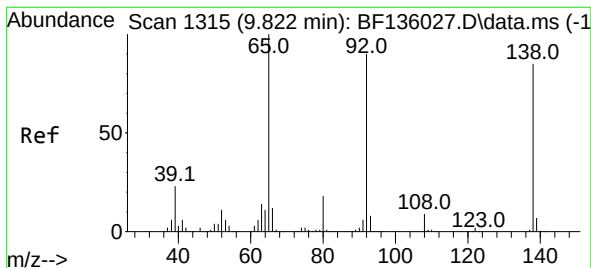


#52
Acenaphthene
Concen: 47.296 ng
RT: 9.893 min Scan# 1327
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



Tgt Ion:154 Resp: 539895
Ion Ratio Lower Upper
154 100
153 113.3 89.9 134.9
152 51.0 40.2 60.2





#53
3-Nitroaniline
Concen: 22.406 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

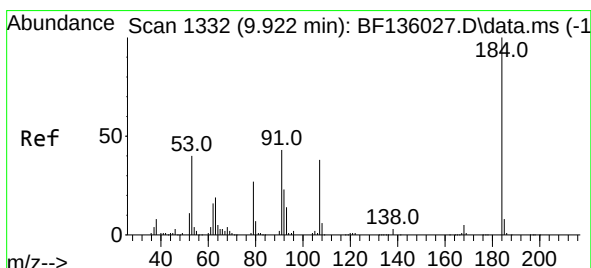
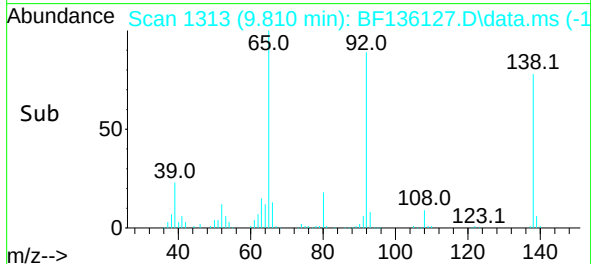
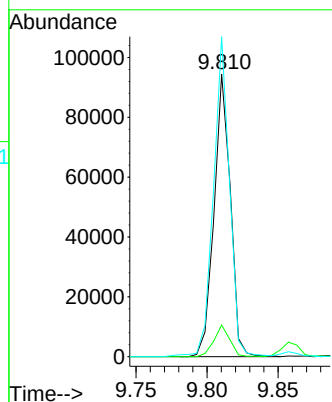
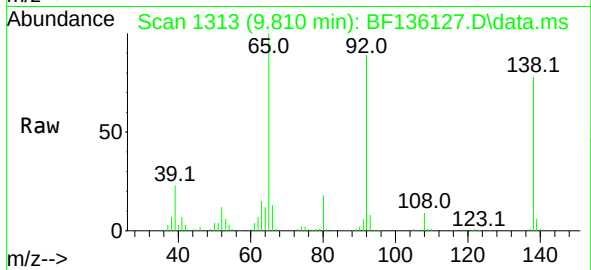
SCFMSD

Tgt Ion:138 Resp: 7554
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 113.2 84.6 126.8

Manual Integrations

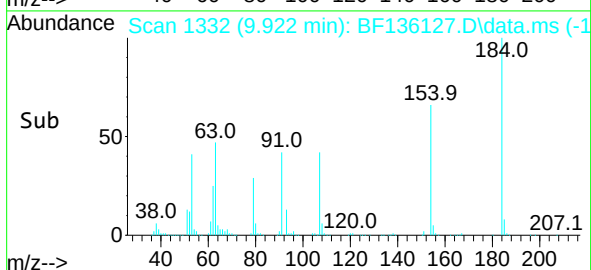
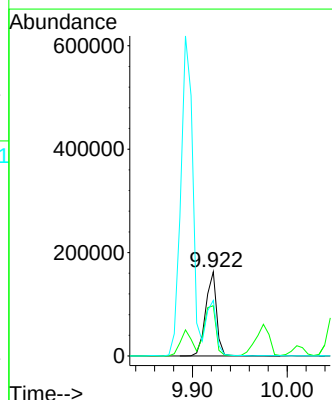
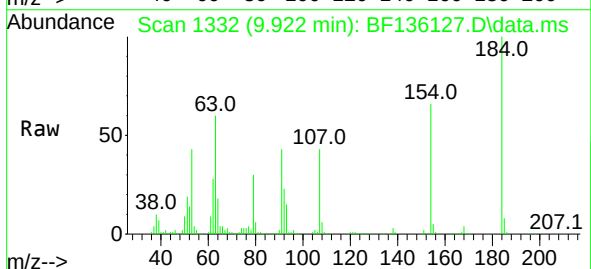
APPROVED

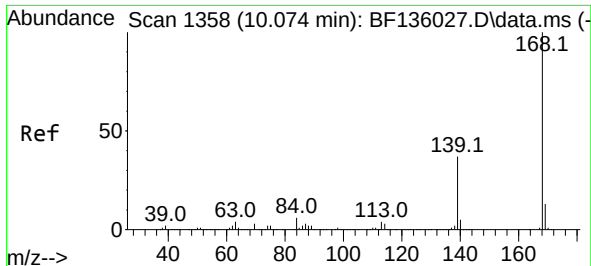
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#54
2,4-Dinitrophenol
Concen: 83.327 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

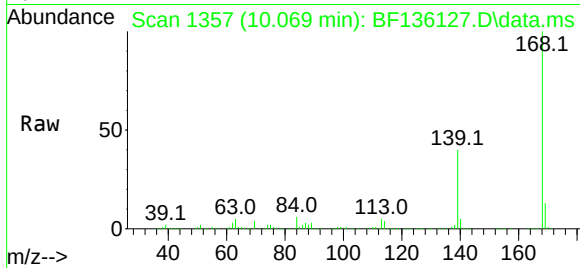
Tgt Ion:184 Resp: 131073
Ion Ratio Lower Upper
184 100
63 59.6 43.7 65.5
154 66.0 51.2 76.8





#55
Dibenzenofuran
Concen: 46.667 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

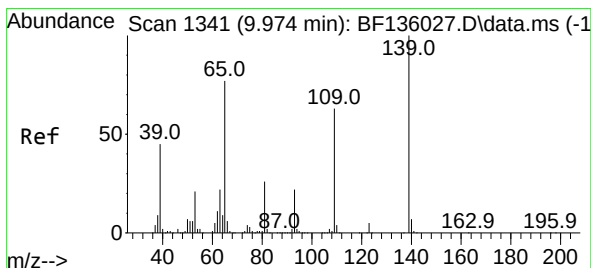
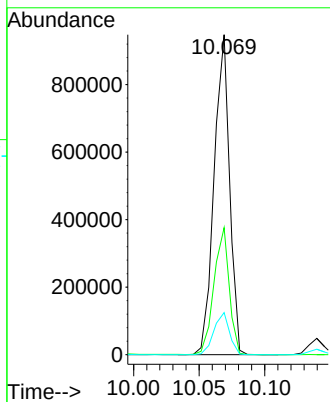
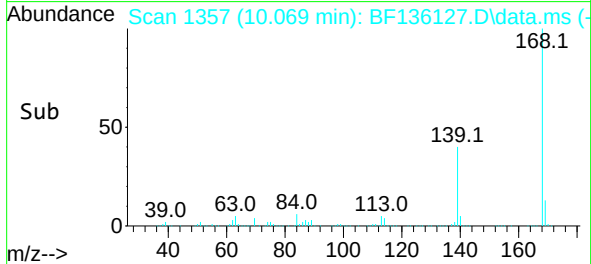
Instrument :
BNA_F
ClientSampleId :
SCFMSD



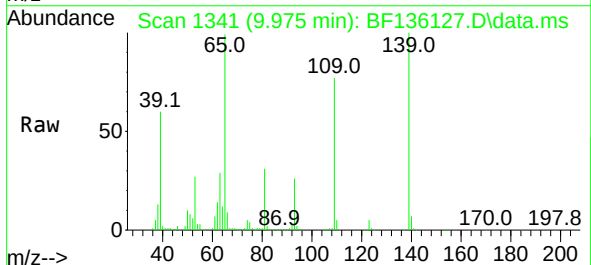
Tgt Ion:168 Resp: 776770
Ion Ratio Lower Upper
168 100
139 39.7 29.4 44.0
169 13.1 10.5 15.7

Manual Integrations
APPROVED

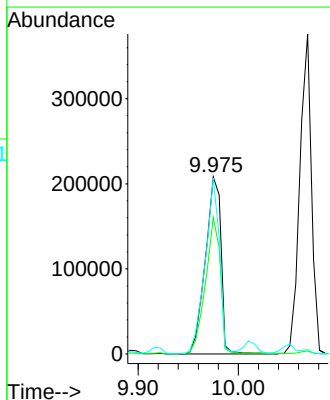
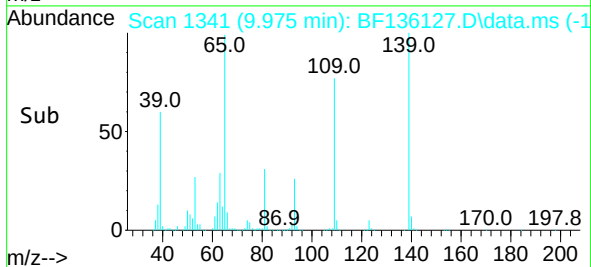
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

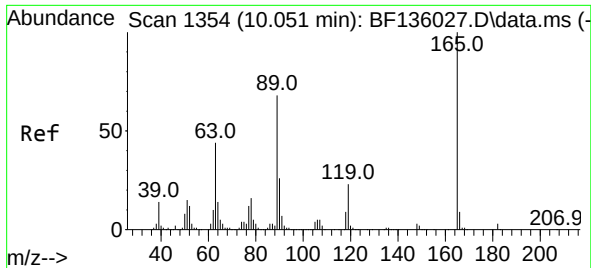


#56
4-Nitrophenol
Concen: 90.072 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



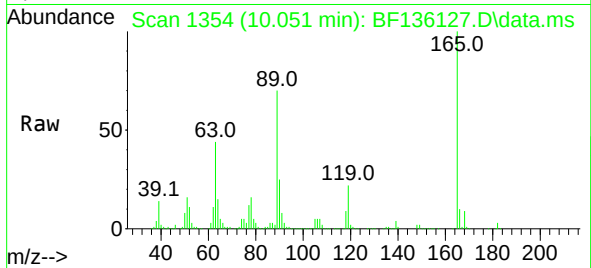
Tgt Ion:139 Resp: 227162
Ion Ratio Lower Upper
139 100
109 77.0 43.2 83.2
65 99.1 57.6 97.6#





#57
2,4-Dinitrotoluene
Concen: 49.077 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

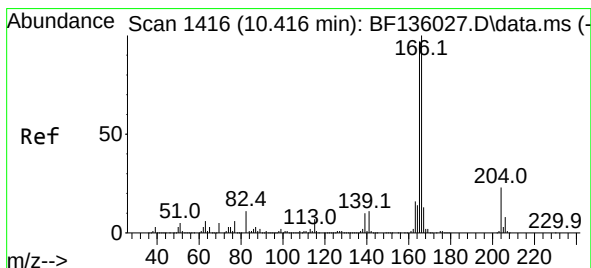
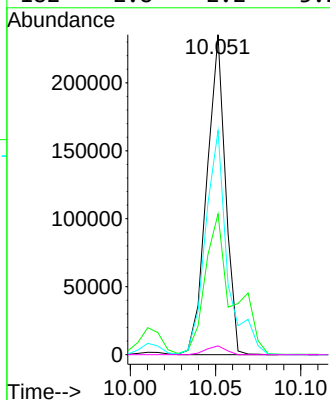
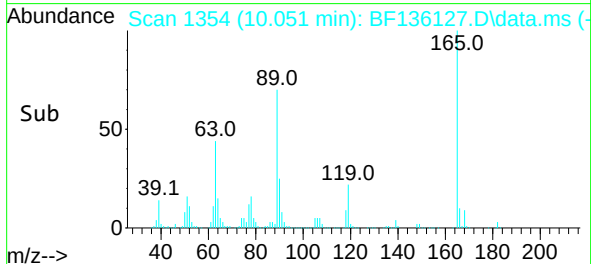
Instrument :
BNA_F
ClientSampleId :
SCFMSD



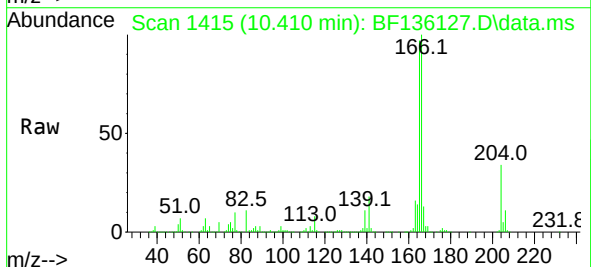
Tgt Ion:165 Resp: 179420
Ion Ratio Lower Upper
165 100
63 44.0 35.2 52.8
89 70.0 54.8 82.2
182 2.8 2.2 3.2

Manual Integrations
APPROVED

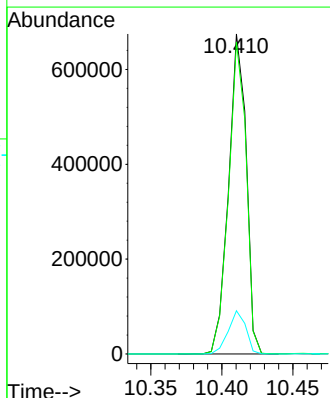
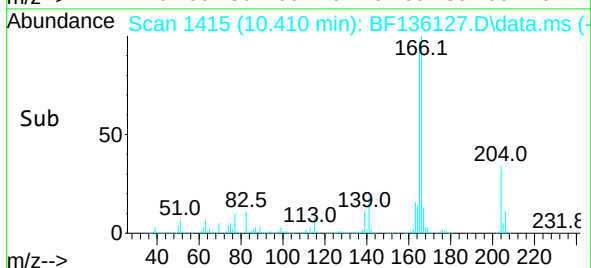
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

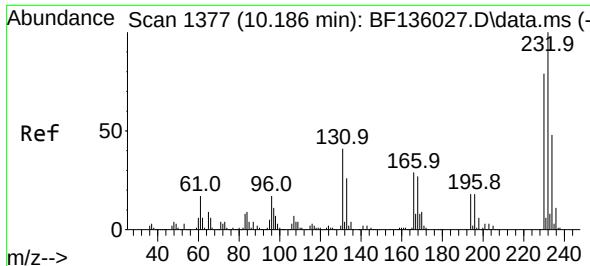


#58
Fluorene
Concen: 46.952 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



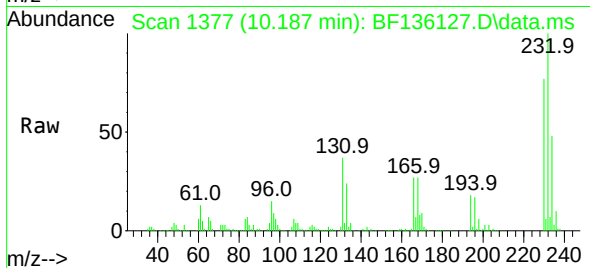
Tgt Ion:166 Resp: 585139
Ion Ratio Lower Upper
166 100
165 97.5 77.7 116.5
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.727 ng
RT: 10.187 min Scan# 1377
Delta R.T. 0.001 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

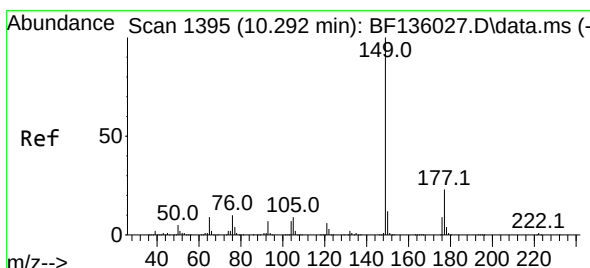
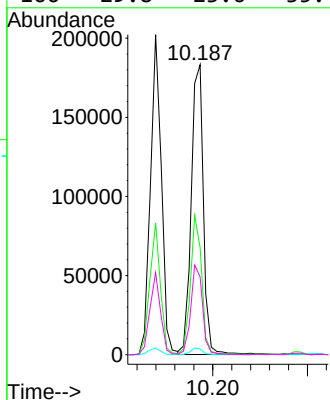
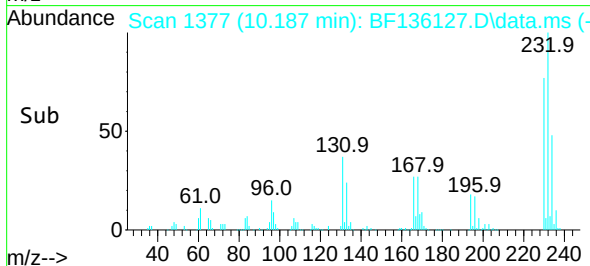
Instrument :
BNA_F
ClientSampleId :
SCFMSD



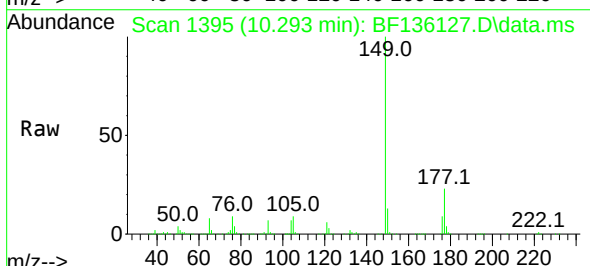
Tgt Ion:232 Resp: 16389
Ion Ratio Lower Upper
232 100
131 44.1 34.6 52.0
130 2.3 1.6 2.4
166 29.8 23.6 35.4

Manual Integrations
APPROVED

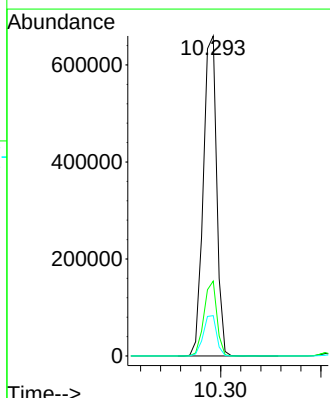
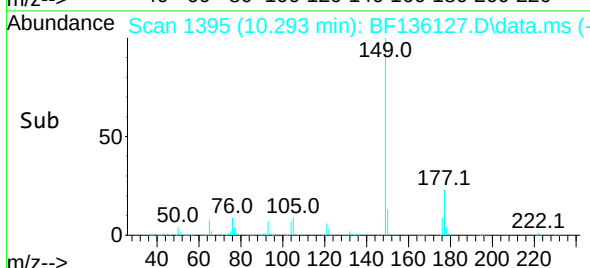
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

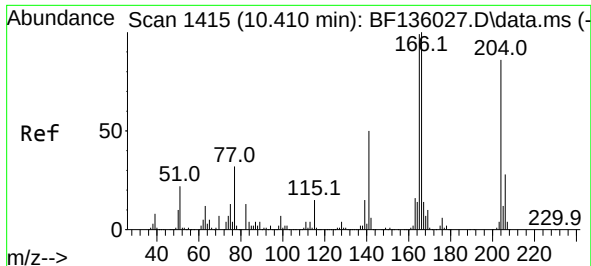


#60
Diethylphthalate
Concen: 47.587 ng
RT: 10.293 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



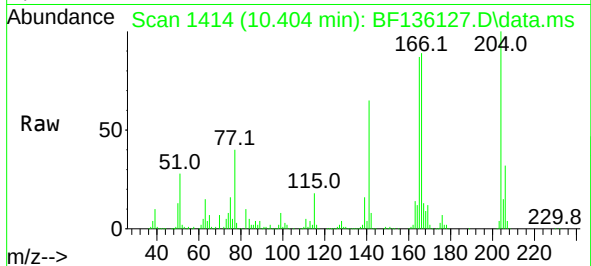
Tgt Ion:149 Resp: 614293
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.282 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

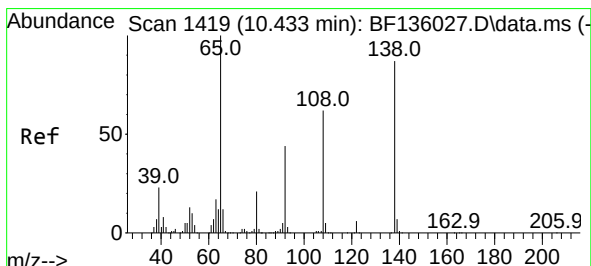
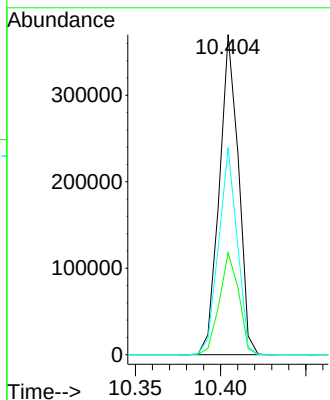
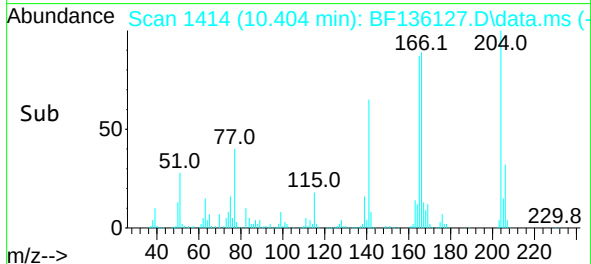
Instrument :
BNA_F
ClientSampleId :
SCFMSD



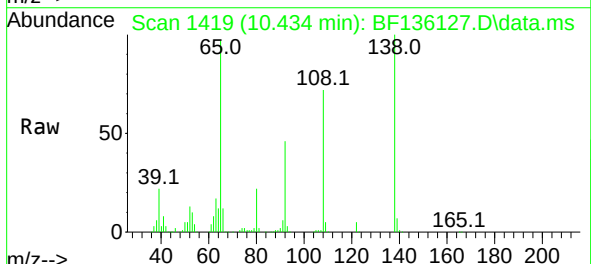
Tgt Ion:204 Resp: 287918
Ion Ratio Lower Upper
204 100
206 31.8 26.6 39.8
141 64.7 46.8 70.2

Manual Integrations
APPROVED

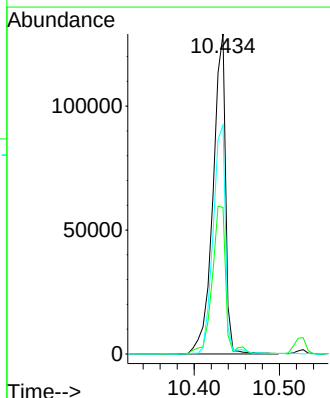
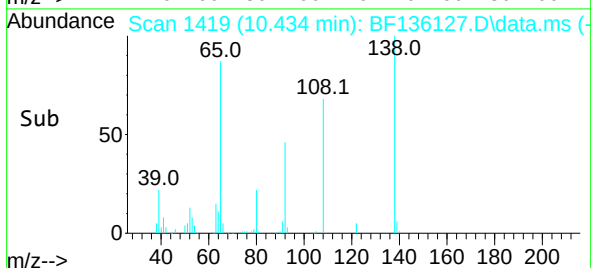
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

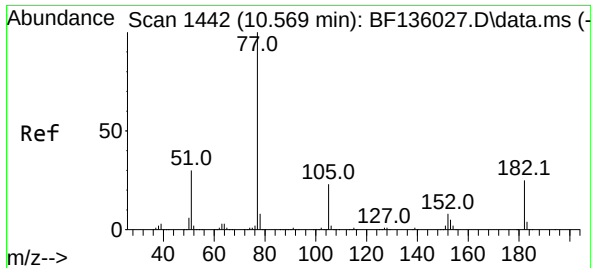


#62
4-Nitroaniline
Concen: 41.113 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.001 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



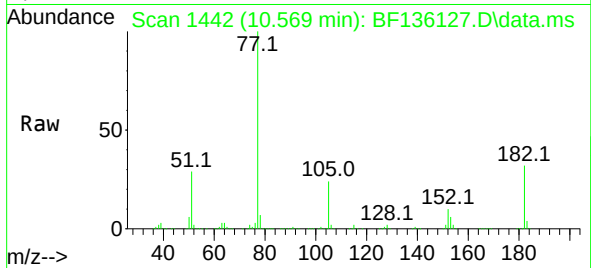
Tgt Ion:138 Resp: 133477
Ion Ratio Lower Upper
138 100
92 45.8 30.6 70.6
108 71.6 51.5 91.5





#63
Azobenzene
Concen: 45.740 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.001 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

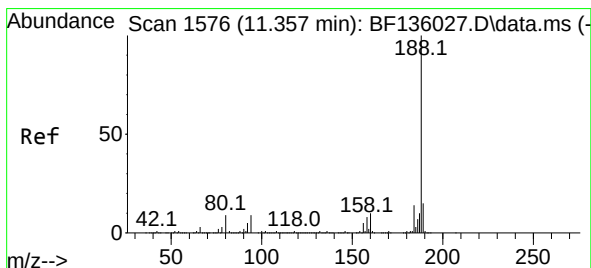
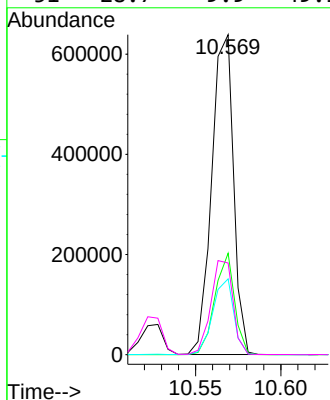
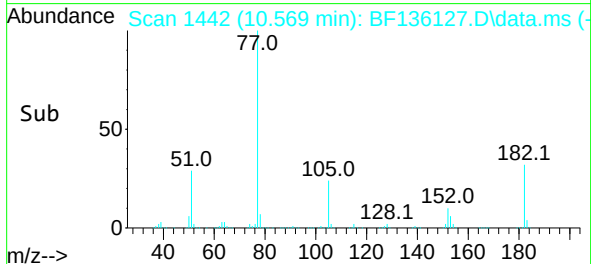
Instrument :
BNA_F
ClientSampleId :
SCFMSD



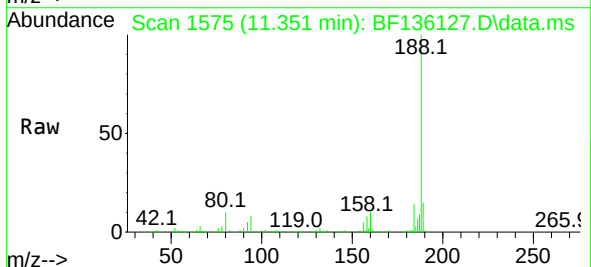
Tgt Ion: 77 Resp: 56863
Ion Ratio Lower Upper
77 100
182 31.7 5.0 45.0
105 23.7 2.6 42.6
51 28.7 9.9 49.9

Manual Integrations
APPROVED

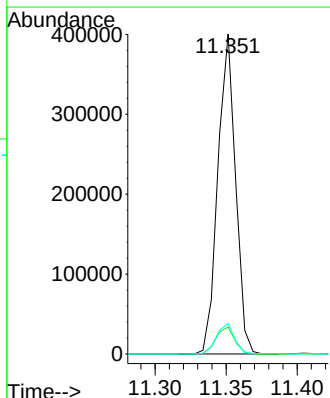
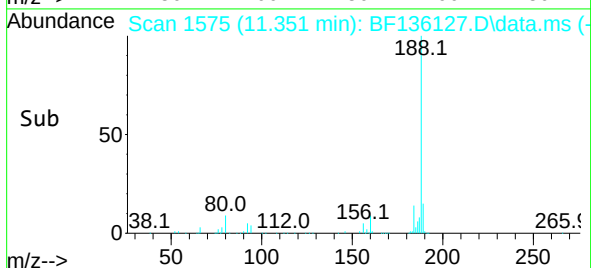
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

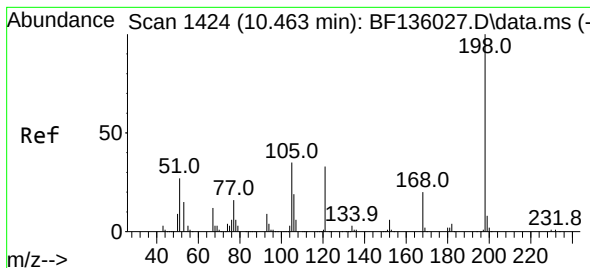


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



Tgt Ion:188 Resp: 346634
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.5 7.4 11.0





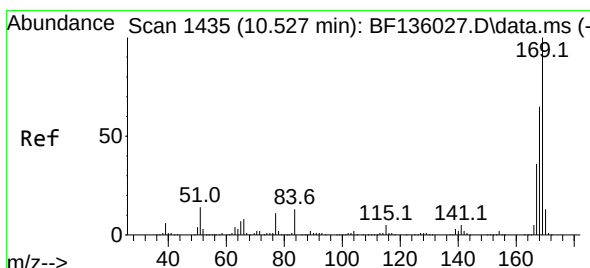
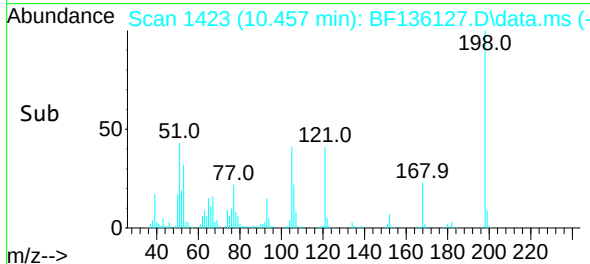
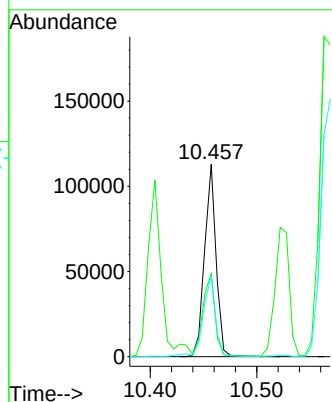
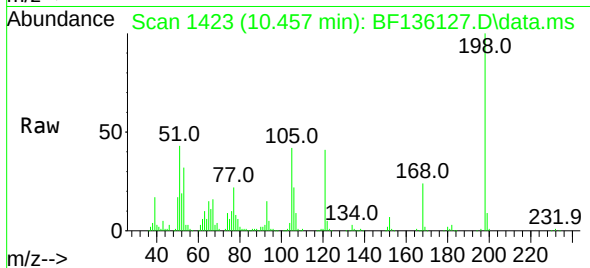
#65
4,6-Dinitro-2-methylphenol
Concen: 45.099 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :
BNA_F
ClientSampleId :
SCFMSD

Tgt Ion:198 Resp: 85139
Ion Ratio Lower Upper
198 100
51 43.2 12.9 52.9
105 41.6 16.0 56.0

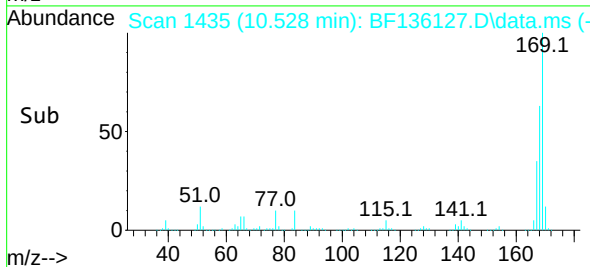
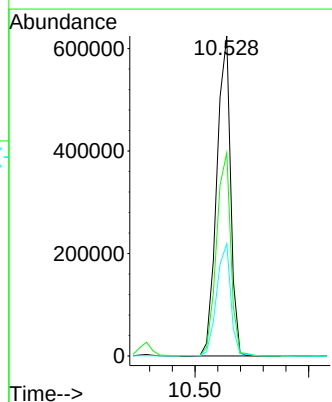
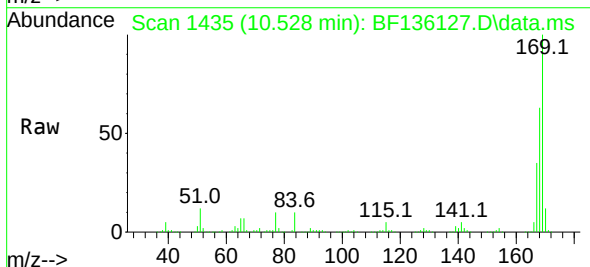
Manual Integrations
APPROVED

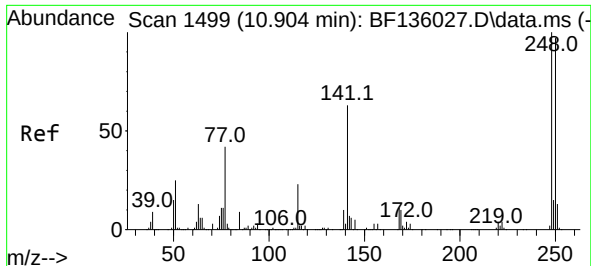
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#66
n-Nitrosodiphenylamine
Concen: 50.532 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.001 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

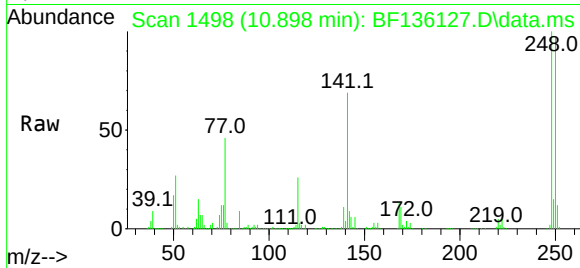
Tgt Ion:169 Resp: 528392
Ion Ratio Lower Upper
169 100
168 63.4 52.2 78.2
167 35.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 51.041 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

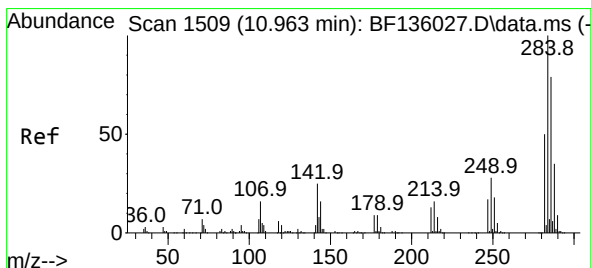
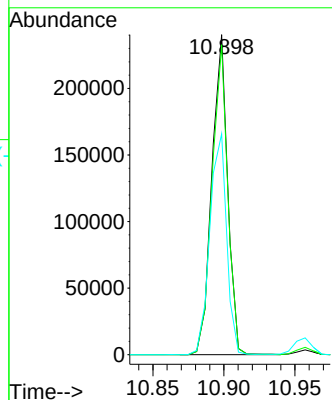
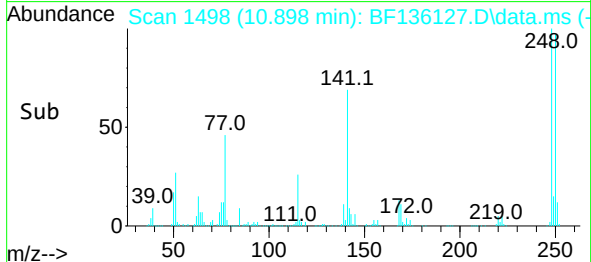
Instrument :
BNA_F
ClientSampleId :
SCFMSD



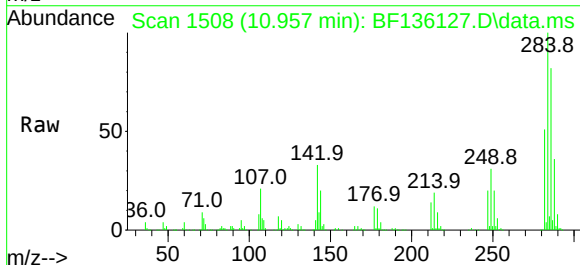
Tgt Ion:248 Resp: 185494
Ion Ratio Lower Upper
248 100
250 96.9 77.6 116.4
141 69.0 50.4 75.6

Manual Integrations
APPROVED

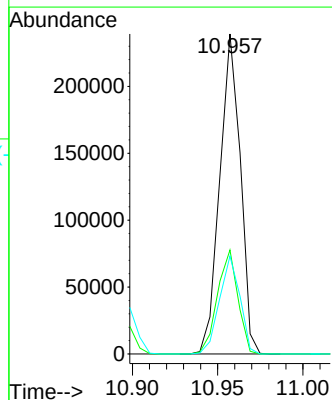
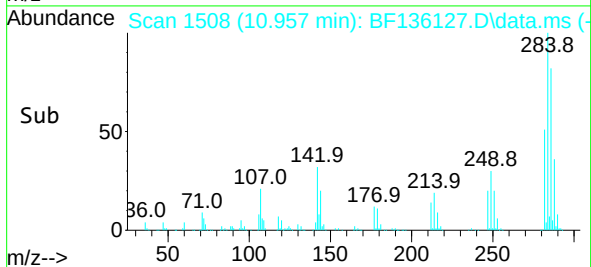
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

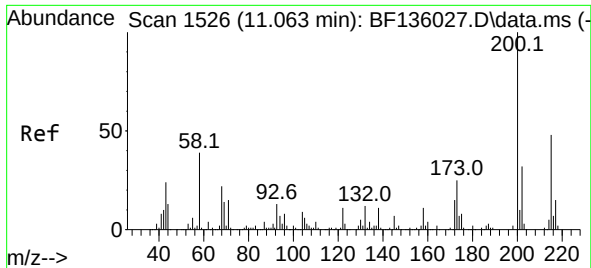


#68
Hexachlorobenzene
Concen: 51.723 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



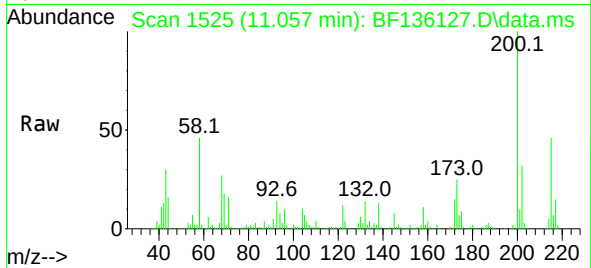
Tgt Ion:284 Resp: 200758
Ion Ratio Lower Upper
284 100
142 32.5 20.2 30.4#
249 30.6 22.6 33.8





#69
Atrazine
Concen: 61.589 ng
RT: 11.057 min Scan# 11057
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

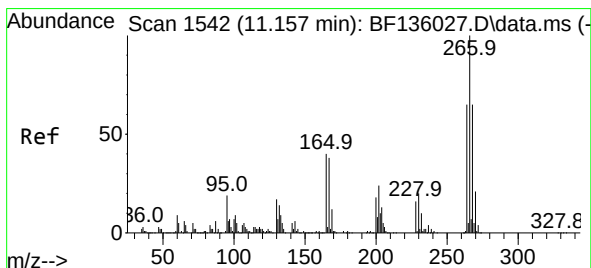
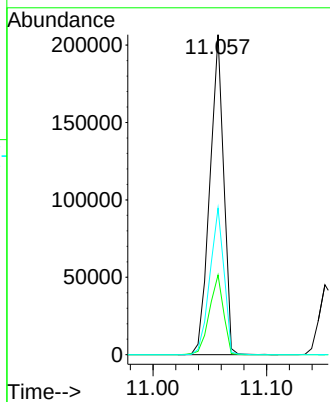
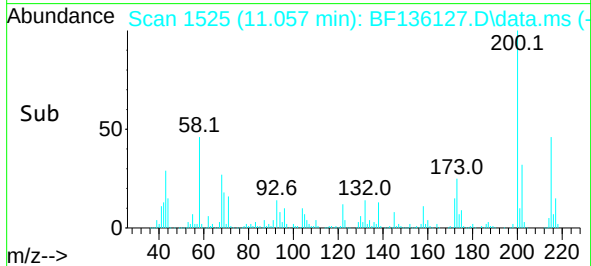
Instrument :
BNA_F
Client SampleId :
SCFMSD



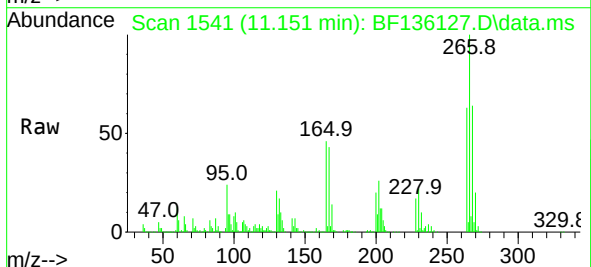
Tgt Ion:200 Resp: 175225
Ion Ratio Lower Upper
200 100
173 24.9 5.2 45.2
215 45.8 28.4 68.4

Manual Integrations
APPROVED

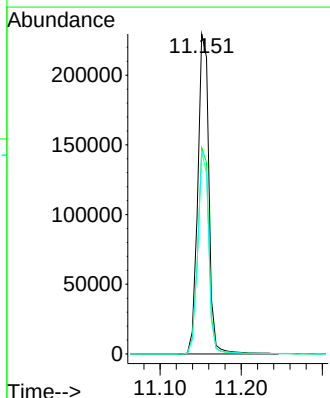
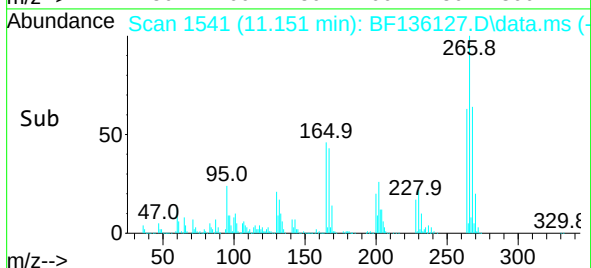
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

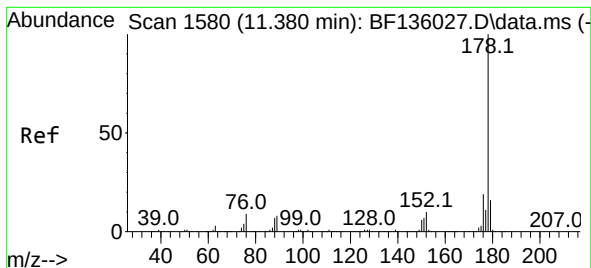


#70
Pentachlorophenol
Concen: 87.546 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



Tgt Ion:266 Resp: 218227
Ion Ratio Lower Upper
266 100
268 64.4 52.2 78.4
264 63.3 52.2 78.4





#71

Phenanthrene

Concen: 51.950 ng

RT: 11.375 min Scan# 1579

Delta R.T. -0.005 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SCFMSD

Tgt Ion:178 Resp: 90668

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

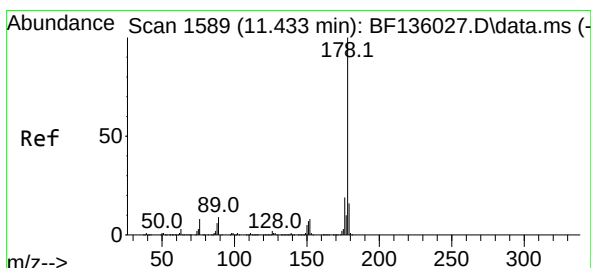
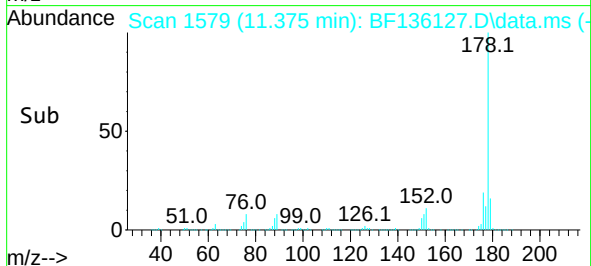
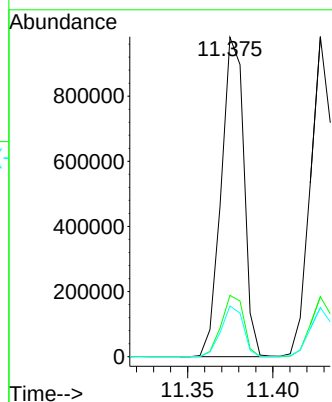
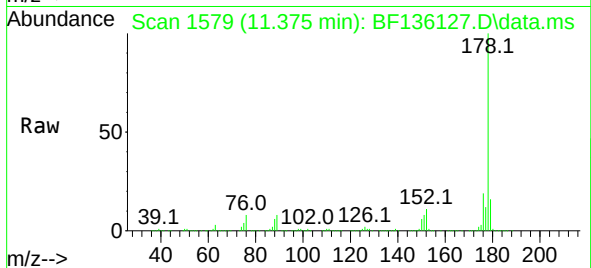
179 15.9 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#72

Anthracene

Concen: 48.369 ng

RT: 11.428 min Scan# 1588

Delta R.T. -0.005 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

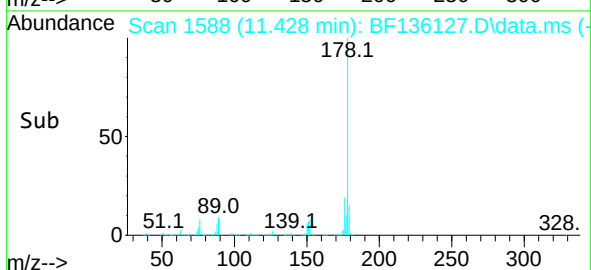
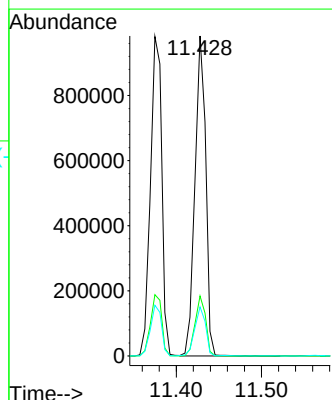
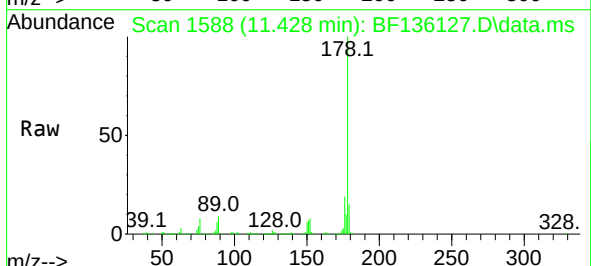
Tgt Ion:178 Resp: 865038

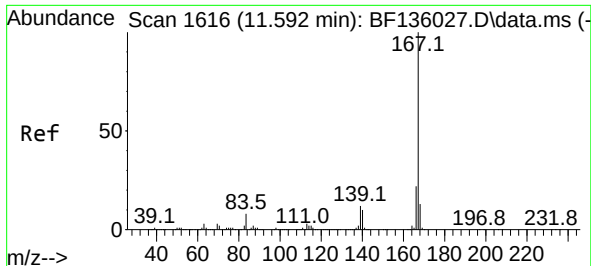
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

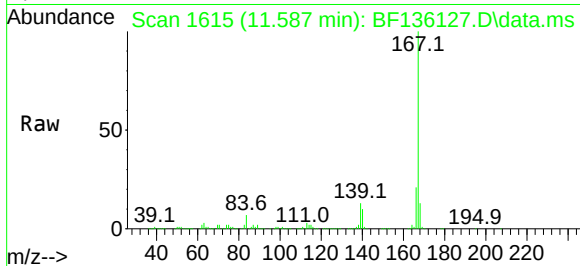
179 15.3 12.6 18.8





#73
Carbazole
Concen: 45.964 ng
RT: 11.587 min Scan# 1615
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

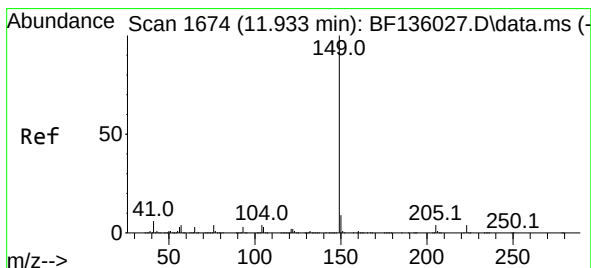
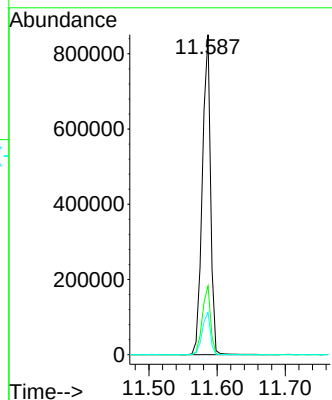
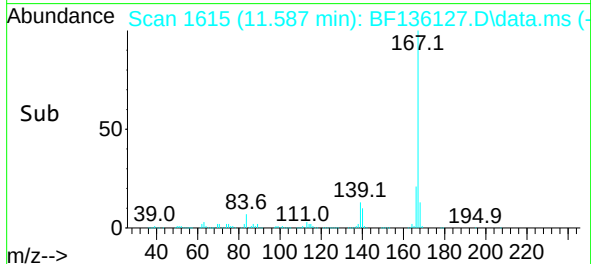
Instrument :
BNA_F
ClientSampleId :
SCFMSD



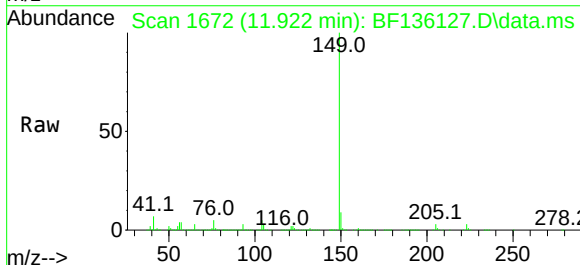
Tgt Ion:167 Resp: 714339
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 13.2 9.9 14.9

Manual Integrations
APPROVED

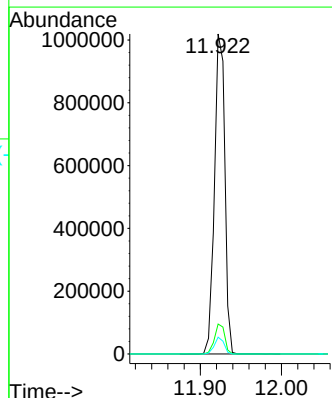
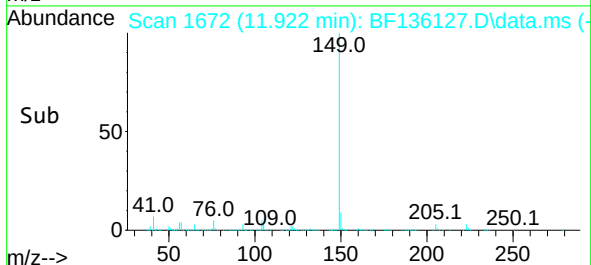
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

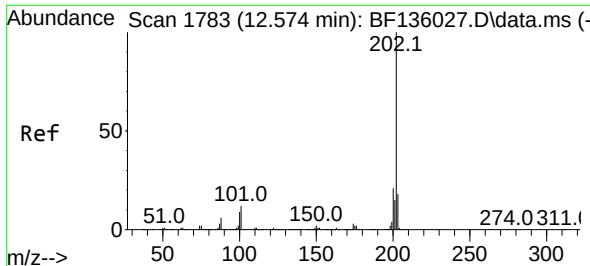


#74
Di-n-butylphthalate
Concen: 50.737 ng
RT: 11.922 min Scan# 1672
Delta R.T. -0.011 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



Tgt Ion:149 Resp: 901003
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.2 3.6 5.4





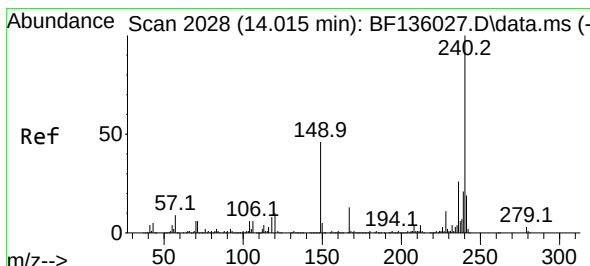
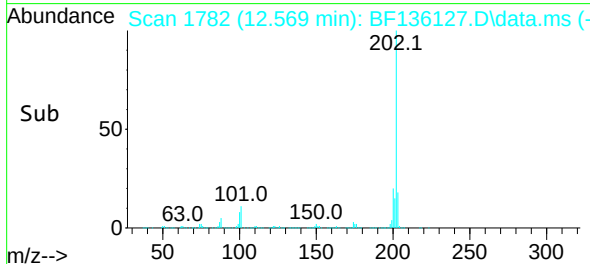
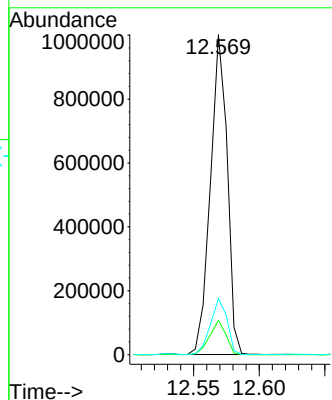
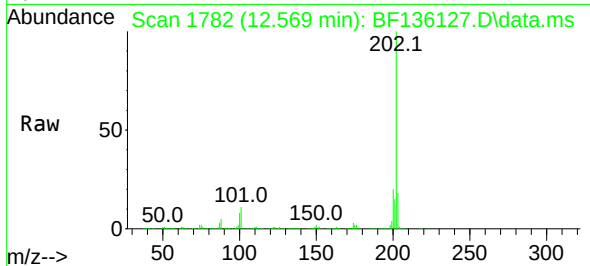
#75
Fluoranthene
Concen: 49.857 ng
RT: 12.569 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :
BNA_F
ClientSampleId :
SCFMSD

Tgt Ion:202 Resp: 89392
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.8
203 17.5 0.0 37.9

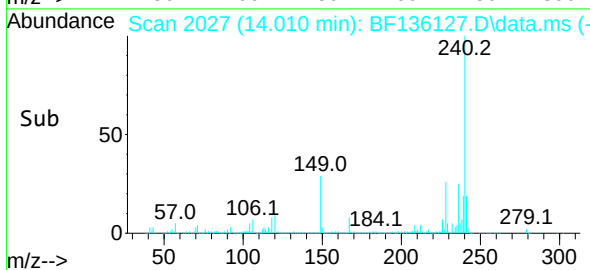
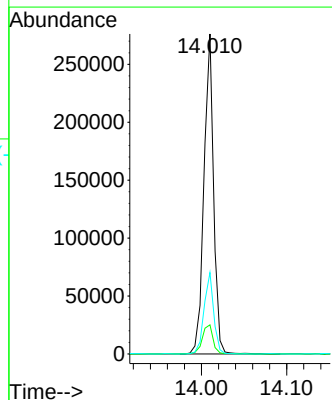
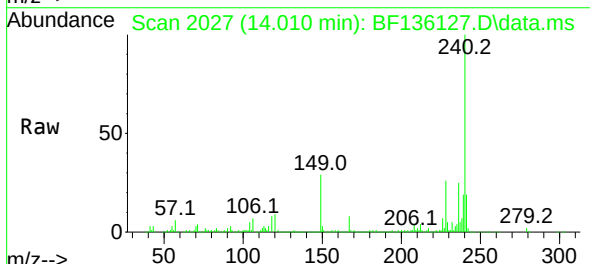
Manual Integrations
APPROVED

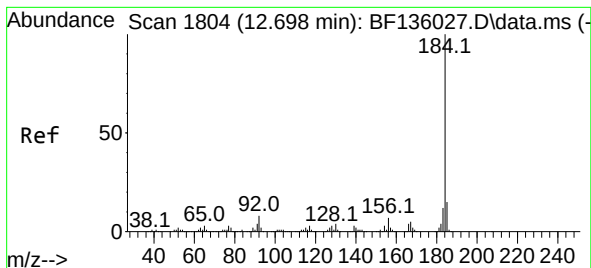
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Tgt Ion:240 Resp: 216670
Ion Ratio Lower Upper
240 100
120 9.1 7.6 11.4
236 25.4 20.6 31.0





#77

Benzidine

Concen: 58.973 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SCFMSD

Tgt Ion:184 Resp: 249049

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.8

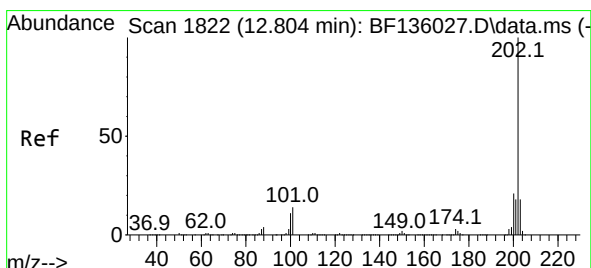
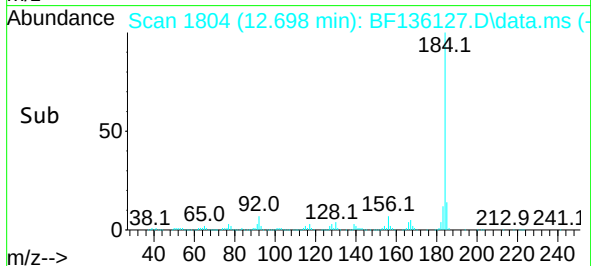
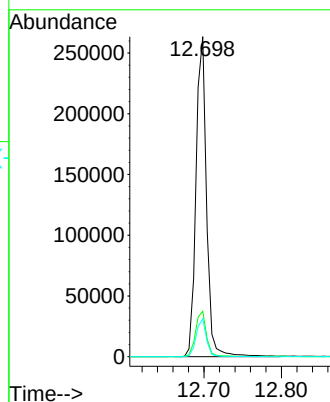
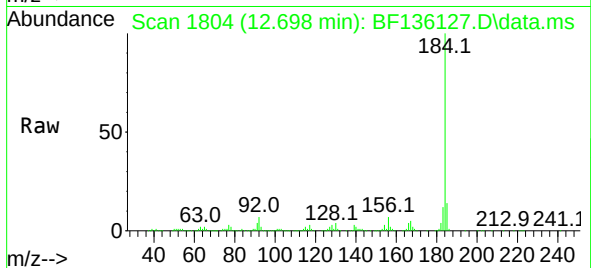
183 11.8 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#78

Pyrene

Concen: 46.167 ng

RT: 12.798 min Scan# 1821

Delta R.T. -0.005 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

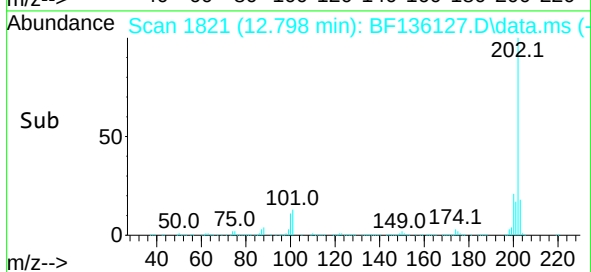
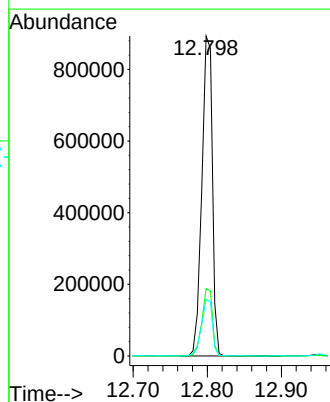
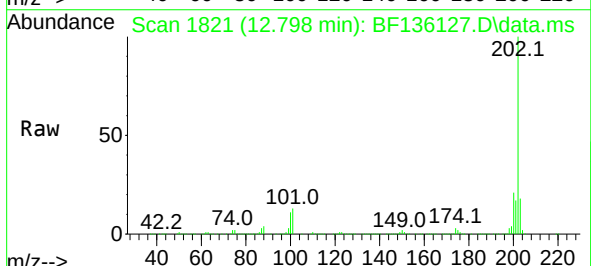
Tgt Ion:202 Resp: 881908

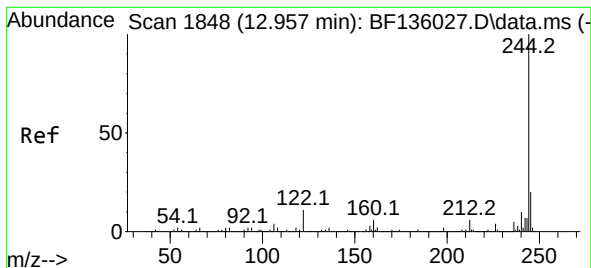
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 64.100 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SCFMSD

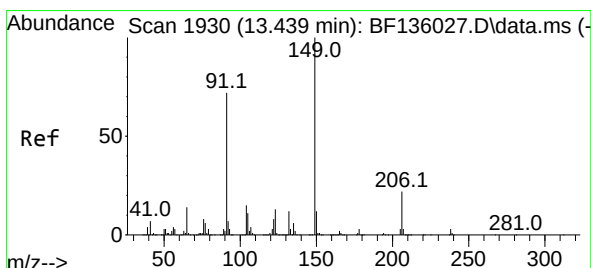
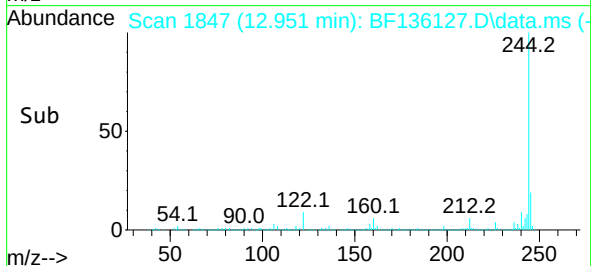
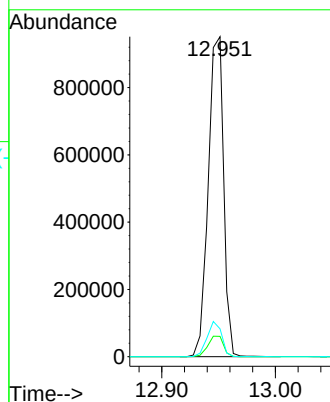
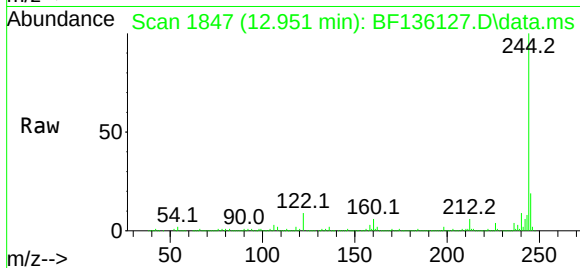
Tgt Ion:244	Resp: 89371
Ion Ratio	Lower Upper
244 100	
212 6.3	5.1 7.7
122 8.7	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#80

Butylbenzylphthalate

Concen: 47.664 ng

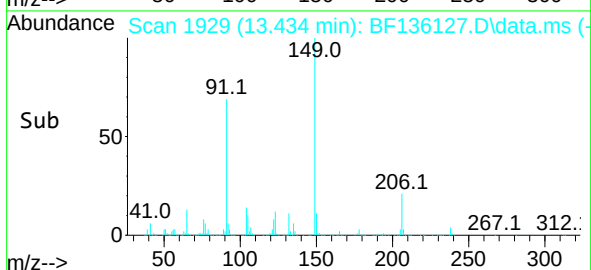
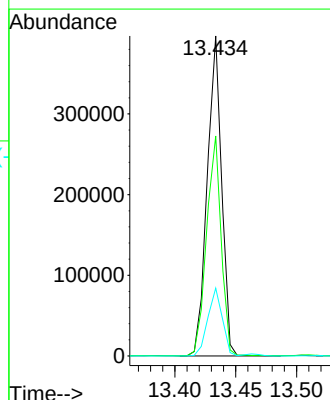
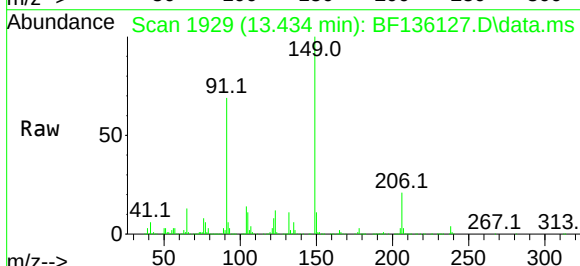
RT: 13.434 min Scan# 1929

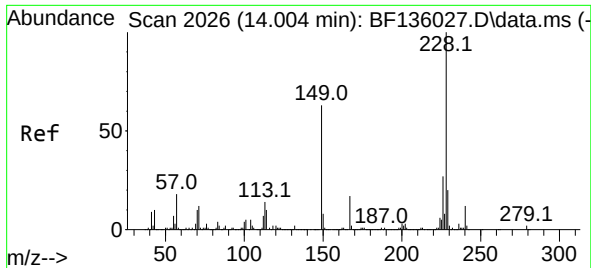
Delta R.T. -0.005 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

Tgt Ion:149	Resp: 325920
Ion Ratio	Lower Upper
149 100	
91 68.7	57.6 86.4
206 21.2	17.4 26.0





#81
Benzo(a)anthracene
Concen: 49.718 ng
RT: 13.998 min Scan# 2019
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

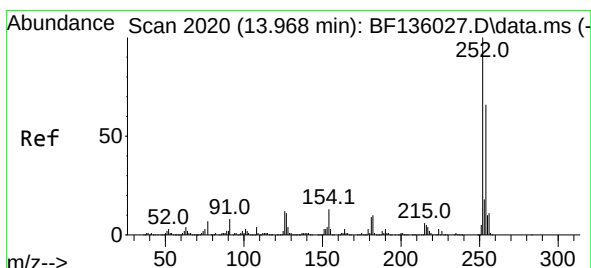
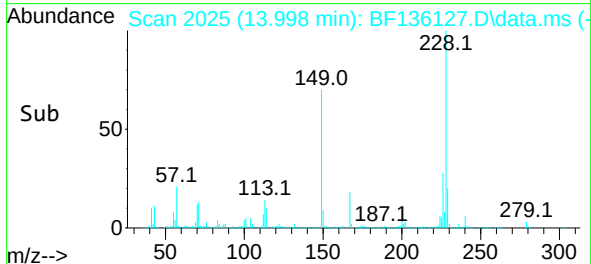
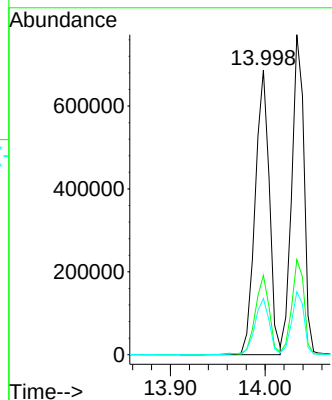
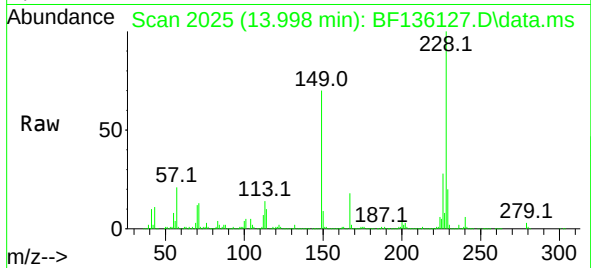
SCFMSD

Tgt Ion:228 Resp: 71316
Ion Ratio Lower Upper
228 100
226 27.9 21.5 32.3
229 19.8 15.8 23.6

Manual Integrations

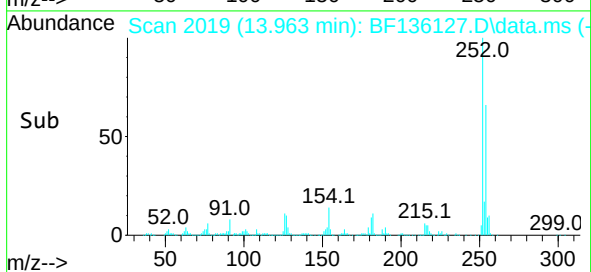
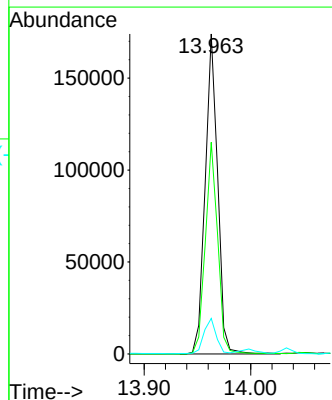
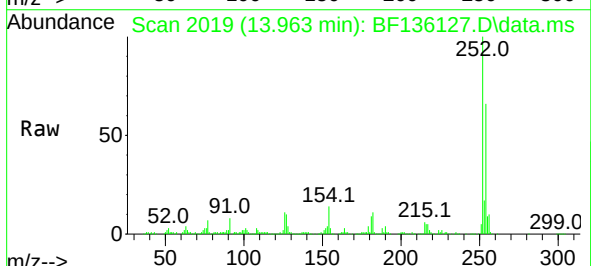
APPROVED

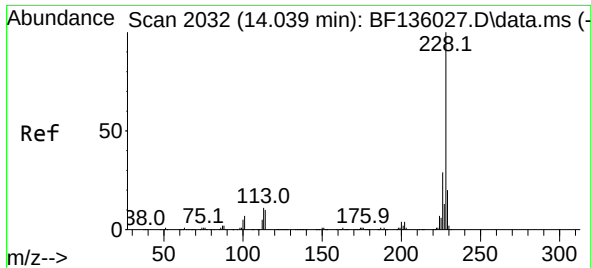
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#82
3,3'-Dichlorobenzidine
Concen: 31.053 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

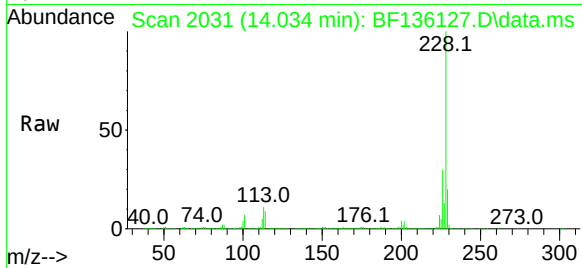
Tgt Ion:252 Resp: 142169
Ion Ratio Lower Upper
252 100
254 66.2 52.5 78.7
126 11.1 9.4 14.2





#83
Chrysene
Concen: 48.943 ng
RT: 14.034 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

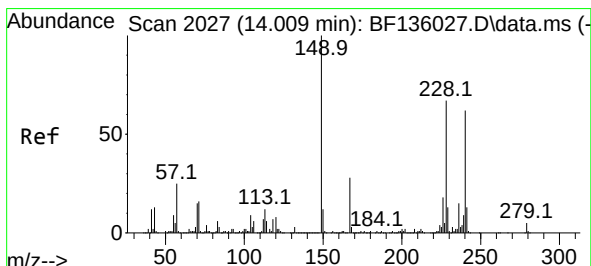
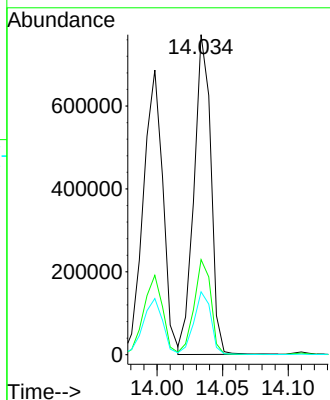
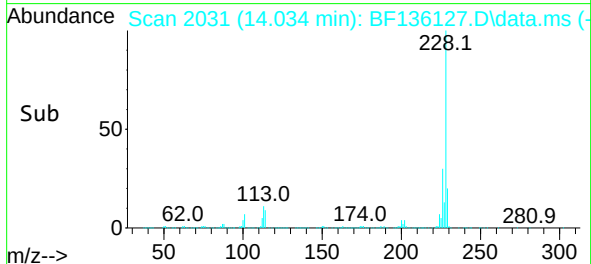
Instrument :
BNA_F
ClientSampleId :
SCFMSD



Tgt Ion:228 Resp: 69139
Ion Ratio Lower Upper
228 100
226 29.7 23.5 35.3
229 19.7 16.0 24.0

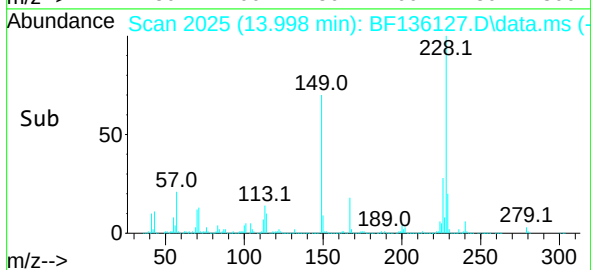
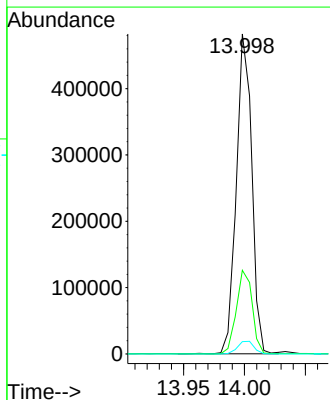
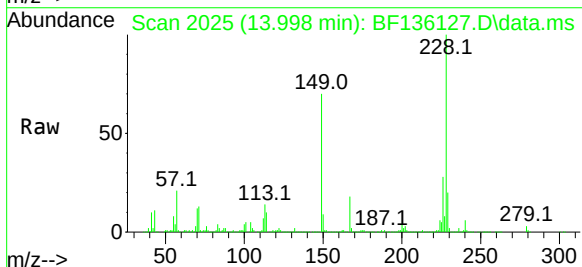
Manual Integrations
APPROVED

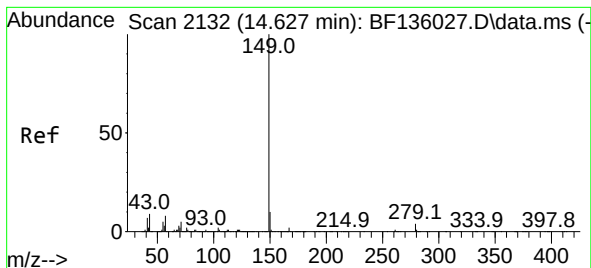
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.353 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.011 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

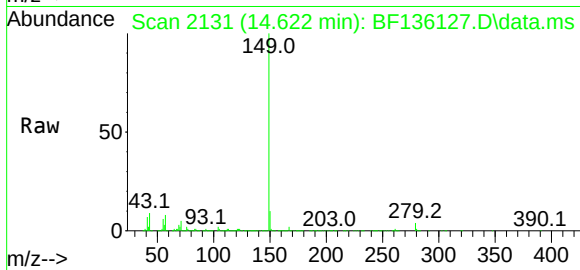
Tgt Ion:149 Resp: 425038
Ion Ratio Lower Upper
149 100
167 26.2 22.6 33.8
279 3.8 4.1 6.1#





#85
Di-n-octyl phthalate
Concen: 68.092 ng
RT: 14.622 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

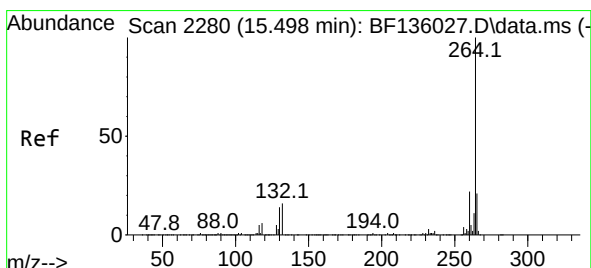
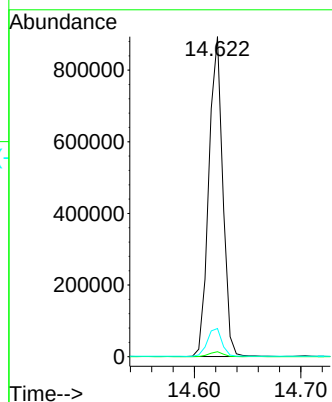
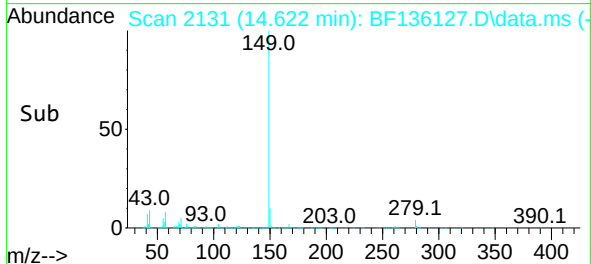
Instrument :
BNA_F
ClientSampleId :
SCFMSD



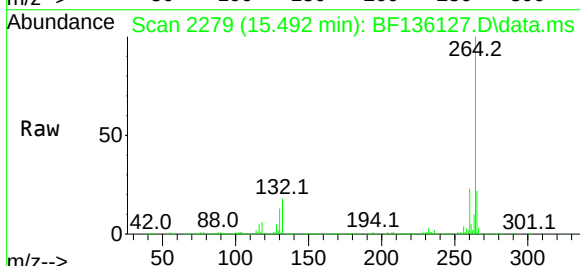
Tgt Ion:149 Resp: 812624
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.1 7.6 11.4

Manual Integrations
APPROVED

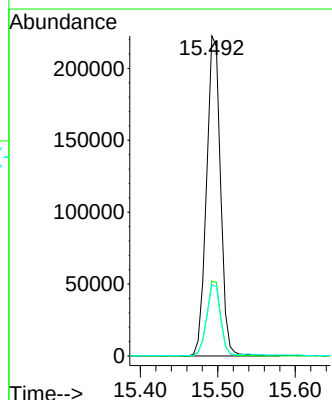
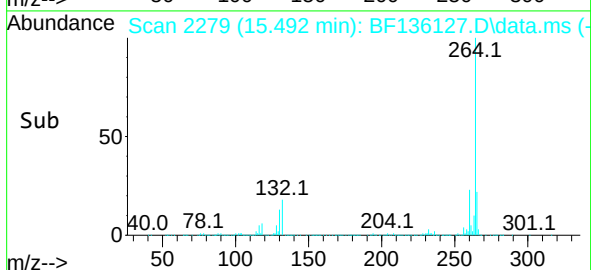
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

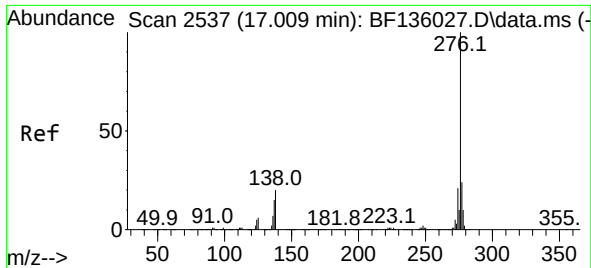


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.005 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



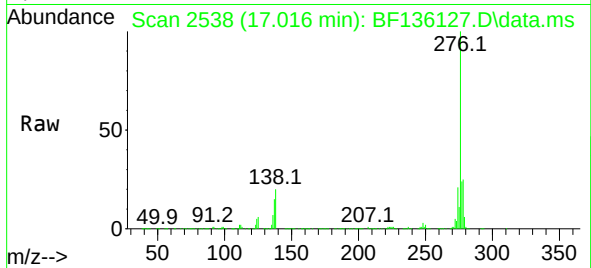
Tgt Ion:264 Resp: 279499
Ion Ratio Lower Upper
264 100
260 23.5 17.9 26.9
265 22.2 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.361 ng
RT: 17.016 min Scan# 2537
Delta R.T. 0.006 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

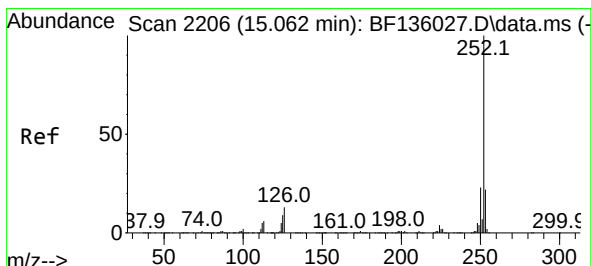
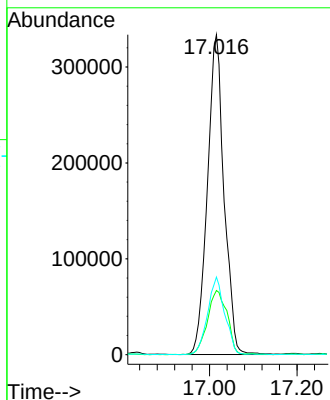
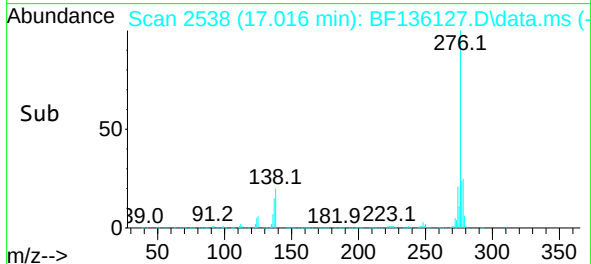
Instrument :
BNA_F
ClientSampleId :
SCFMSD



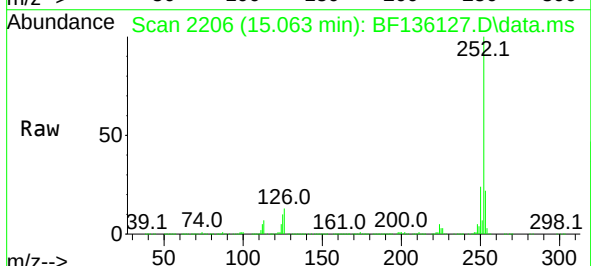
Tgt Ion: 276 Resp: 88341
Ion Ratio Lower Upper
276 100
138 23.5 20.4 30.6
277 25.0 20.2 30.2

Manual Integrations
APPROVED

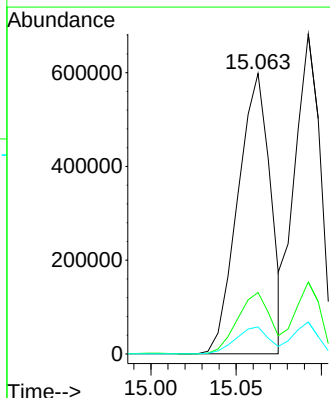
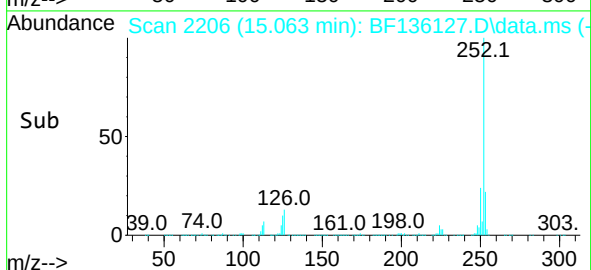
Reviewed By : Yogesh Patel 11/04/2023
Supervised By : mohammad ahmed 11/04/2023

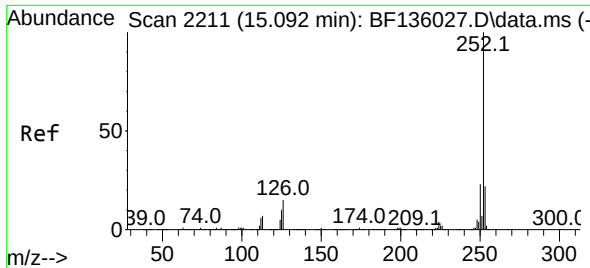


#88
Benzo(b)fluoranthene
Concen: 48.189 ng
RT: 15.063 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



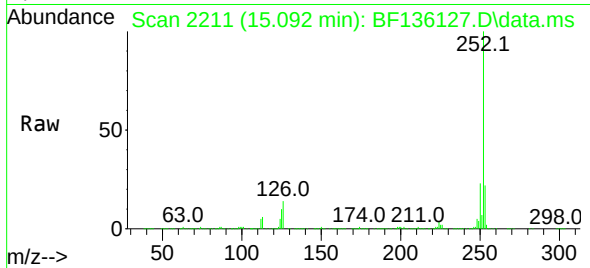
Tgt Ion: 252 Resp: 796975
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.6 7.5 11.3





#89
Benzo(k)fluoranthene
Concen: 43.701 ng
RT: 15.092 min Scan# 2111
Delta R.T. 0.001 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39

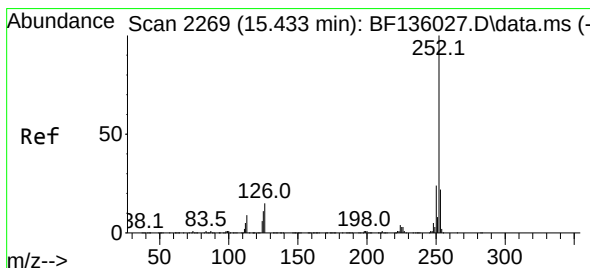
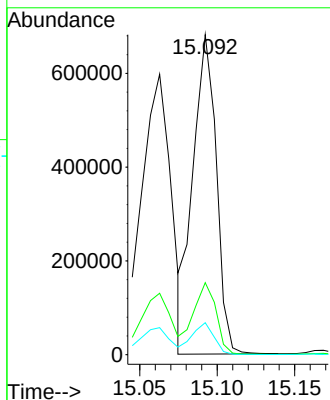
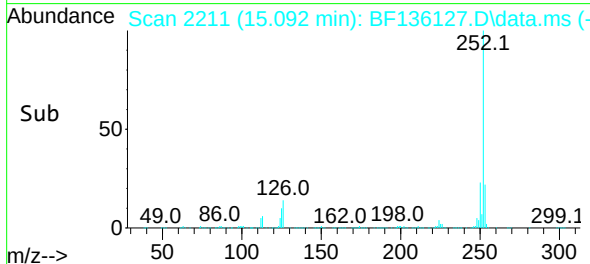
Instrument :
BNA_F
ClientSampleId :
SCFMSD



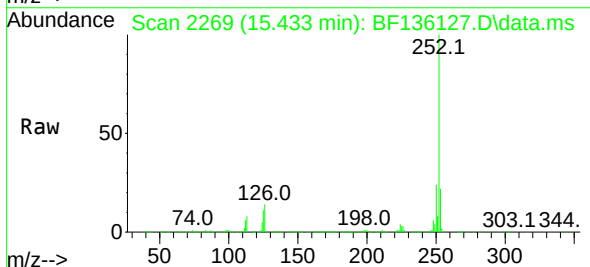
Tgt Ion:252 Resp: 71512
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 10.0 8.0 12.0

Manual Integrations
APPROVED

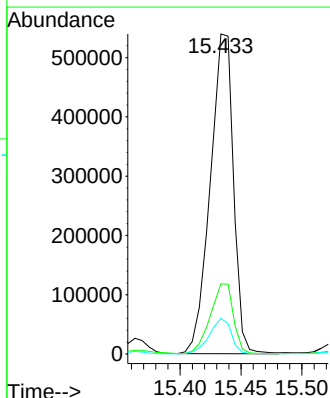
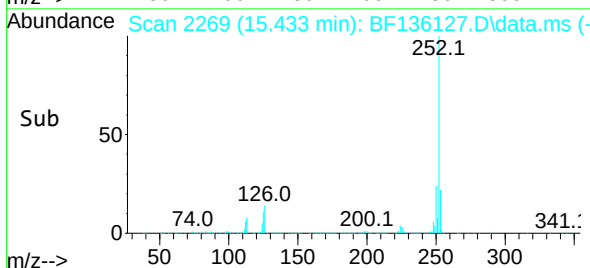
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

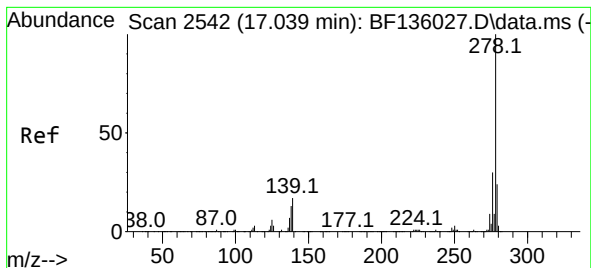


#90
Benzo(a)pyrene
Concen: 46.564 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF136127.D
Acq: 03 Nov 2023 16:39



Tgt Ion:252 Resp: 715544
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 48.036 ng

RT: 17.039 min Scan# 2542

Delta R.T. 0.001 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

Instrument :

BNA_F

ClientSampleId :

SCFMSD

Tgt Ion:278 Resp: 718759

Ion Ratio Lower Upper

278 100

139 14.6 13.7 20.5

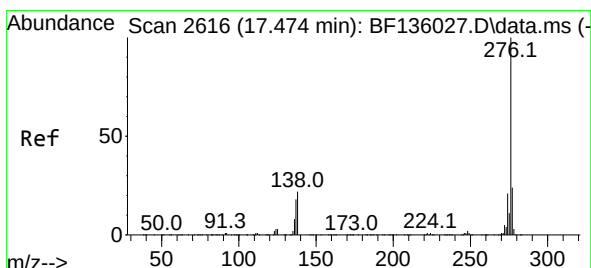
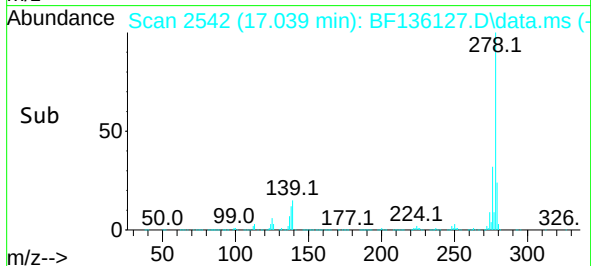
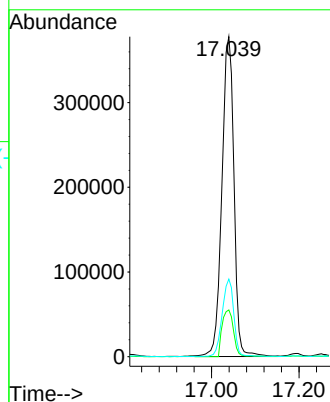
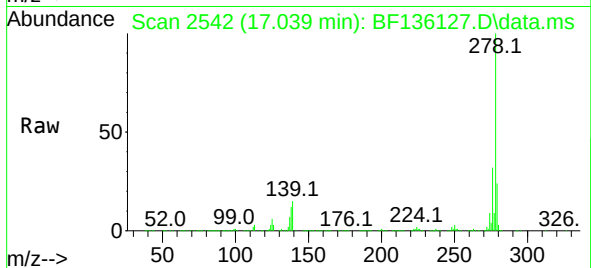
279 24.2 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#92

Benzo(g,h,i)perylene

Concen: 39.952 ng

RT: 17.474 min Scan# 2616

Delta R.T. 0.000 min

Lab File: BF136127.D

Acq: 03 Nov 2023 16:39

Tgt Ion:276 Resp: 671814

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 20.8 17.4 26.2

