

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136019.D
 Acq On : 28 Oct 2023 22:21
 Operator : CG\JU
 Sample : 04878-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 222MS

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 00:32:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	145596	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	545961	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	176810	20.000	ng	0.02
64) Phenanthrene-d10	11.445	188	84840	20.000	ng	# 0.09
76) Chrysene-d12	14.074	240	233184	20.000	ng	# 0.06
86) Perylene-d12	15.533	264	226864	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1053872	111.772	ng	0.00
7) Phenol-d6	6.463	99	1335637	113.783	ng	0.00
23) Nitrobenzene-d5	7.392	82	757747	89.094	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	175915	113.669	ng	0.06
45) 2-Fluorobiphenyl	9.186	172	1303321	118.033	ng	0.00
79) Terphenyl-d14	13.039	244	496635	35.584	ng	0.08
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	156575	35.748	ng	97
3) Pyridine	3.363	79	415383	34.360	ng	98
4) n-Nitrosodimethylamine	3.310	42	212798	40.370	ng	95
6) Aniline	6.498	93	117418	7.429	ng	99
8) 2-Chlorophenol	6.610	128	511742	52.427	ng	97
9) Benzaldehyde	6.375	77	178560	28.120	ng	98
10) Phenol	6.475	94	583079m	47.514	ng	
11) bis(2-Chloroethyl)ether	6.569	93	497270	52.059	ng	99
12) 1,3-Dichlorobenzene	6.769	146	512622	49.443	ng	96
13) 1,4-Dichlorobenzene	6.845	146	512859	49.253	ng	98
14) 1,2-Dichlorobenzene	6.992	146	491398	50.820	ng	98
15) Benzyl Alcohol	6.969	79	408379	49.213	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	657616	46.749	ng	96
17) 2-Methylphenol	7.081	107	364532	42.373	ng	99
18) Hexachloroethane	7.339	117	180157	50.882	ng	93
19) n-Nitroso-di-n-propyla...	7.245	70	317767	47.604	ng	95
20) 3+4-Methylphenols	7.234	107	459404	44.246	ng	# 80
22) Acetophenone	7.239	105	641140	51.994	ng	# 92
24) Nitrobenzene	7.410	77	483917	53.225	ng	100
25) Isophorone	7.645	82	882181	51.119	ng	99
26) 2-Nitrophenol	7.722	139	235829	63.858	ng	97
27) 2,4-Dimethylphenol	7.757	122	201487	25.617	ng	97
28) bis(2-Chloroethoxy)met...	7.863	93	556757	52.537	ng	97
29) 2,4-Dichlorophenol	7.963	162	389675	55.327	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	419019	52.545	ng	97
31) Naphthalene	8.128	128	1318075	49.935	ng	99
32) Benzoic acid	7.875	122	323805	68.060	ng	90
33) 4-Chloroaniline	8.181	127	86387	7.405	ng	99
34) Hexachlorobutadiene	8.245	225	238539	53.070	ng	99
35) Caprolactam	8.598	113	133874	57.118	ng	# 74
36) 4-Chloro-3-methylphenol	8.663	107	399663	53.397	ng	98
37) 2-Methylnaphthalene	8.822	142	785801	44.994	ng	99
38) 1-Methylnaphthalene	8.922	142	749915	45.954	ng	98
40) 1,2,4,5-Tetrachloroben...	8.986	216	359284	71.946	ng	98
41) Hexachlorocyclopentadiene	8.975	237	357909	145.351	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	224418	76.781	ng	99

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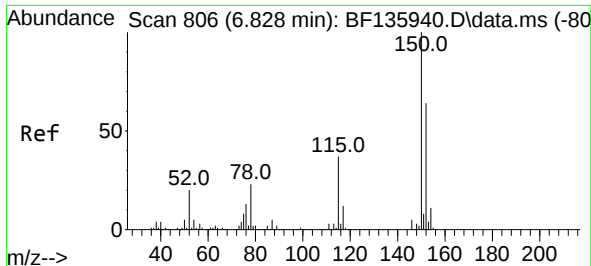
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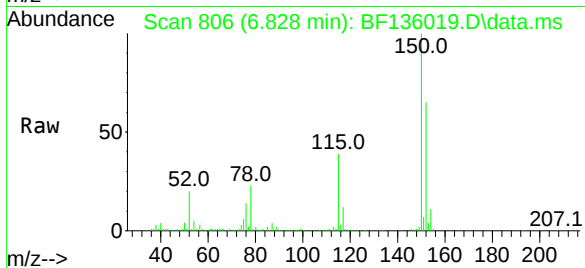
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	274662	79.146	ng	# 81
46) 1,1'-Biphenyl	9.292	154	952609	71.104	ng	99
47) 2-Chloronaphthalene	9.310	162	688952	69.524	ng	96
48) 2-Nitroaniline	9.410	65	211335	70.634	ng	99
49) Acenaphthylene	9.751	152	905863	57.944	ng	# 88
50) Dimethylphthalate	9.598	163	707161	61.674	ng	# 91
51) 2,6-Dinitrotoluene	9.663	165	191500	77.262	ng	# 73
52) Acenaphthene	9.922	154	513849	51.287	ng	98
53) 3-Nitroaniline	9.822	138	104391	37.775	ng	# 63
54) 2,4-Dinitrophenol	9.939	184	42706	60.474	ng	# 1
55) Dibenzofuran	10.104	168	666484	46.047	ng	90
56) 4-Nitrophenol	9.992	139	210300	90.074	ng	# 28
57) 2,4-Dinitrotoluene	10.069	165	118461	41.200	ng	# 88
58) Fluorene	10.457	166	397160	36.677	ng	# 88
59) 2,3,4,6-Tetrachlorophenol	10.192	232	274531m	105.129	ng	
60) Diethylphthalate	10.322	149	398858	36.479	ng	# 80
61) 4-Chlorophenyl-phenyle...	10.451	204	212905	40.759	ng	# 66
62) 4-Nitroaniline	10.439	138	55319m	22.389	ng	
63) Azobenzene	10.622	77	229647	20.696	ng	# 69
65) 4,6-Dinitro-2-methylph...	10.492	198	23270	69.072	ng	# 1
66) n-Nitrosodiphenylamine	10.563	169	459193	179.161	ng	92
67) 4-Bromophenyl-phenylether	10.969	248	80687	92.866	ng	# 38
68) Hexachlorobenzene	11.057	284	89945	96.908	ng	# 12
69) Atrazine	11.151	200	63950	91.528	ng	# 1
70) Pentachlorophenol	11.245	266	90833	150.428	ng	94
71) Phenanthrene	11.475	178	317082	73.873	ng	# 50
72) Anthracene	11.527	178	112061	25.498	ng	# 45
73) Carbazole	11.663	167	182211	46.476	ng	# 39
74) Di-n-butylphthalate	12.016	149	279611	67.023	ng	# 76
75) Fluoranthene	12.686	202	273095	60.477	ng	85
78) Pyrene	12.910	202	334515	17.085	ng	# 91
80) Butylbenzylphthalate	13.498	149	209741	29.912	ng	# 82
81) Benzo(a)anthracene	14.063	228	775939	48.939	ng	98
82) 3,3'-Dichlorobenzidine	14.027	252	34021	7.053	ng	# 78
83) Chrysene	14.098	228	753500	48.794	ng	97
84) Bis(2-ethylhexyl)phtha...	14.045	149	491894	61.096	ng	# 98
85) Di-n-octyl phthalate	14.651	149	1009771	79.617	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.033	276	526920	40.961	ng	97
88) Benzo(b)fluoranthene	15.104	252	890724	65.974	ng	99
89) Benzo(k)fluoranthene	15.133	252	829868	62.585	ng	97
90) Benzo(a)pyrene	15.474	252	634758	51.012	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	442806	40.243	ng	97
92) Benzo(g,h,i)perylene	17.486	276	426386	35.172	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF136019.D
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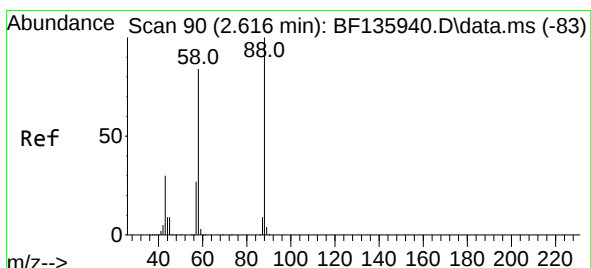
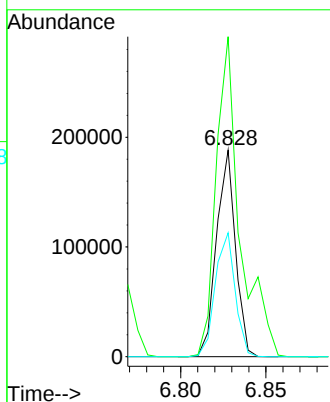
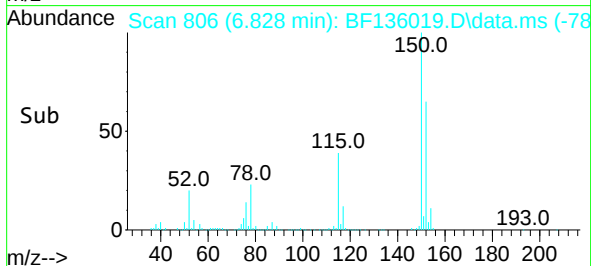
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:152 Resp: 145590
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 60.0 46.6 69.8

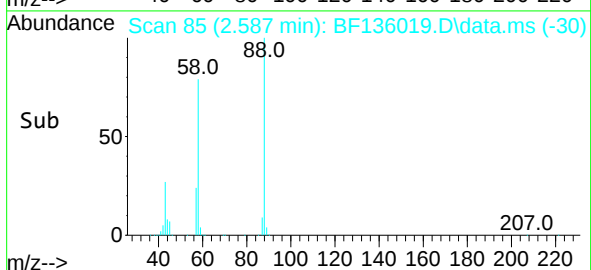
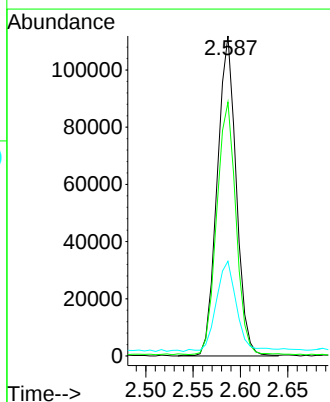
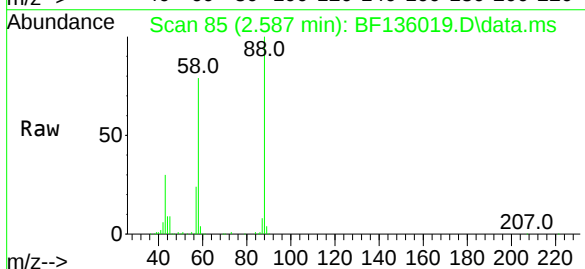
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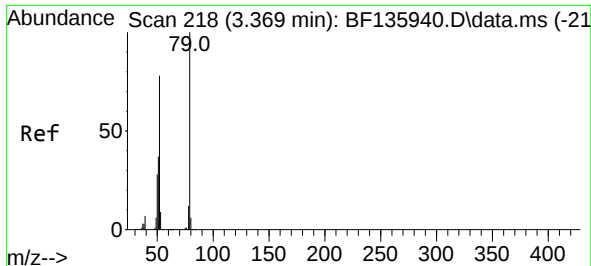
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#2
1,4-Dioxane
Concen: 35.748 ng
RT: 2.587 min Scan# 85
Delta R.T. -0.029 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

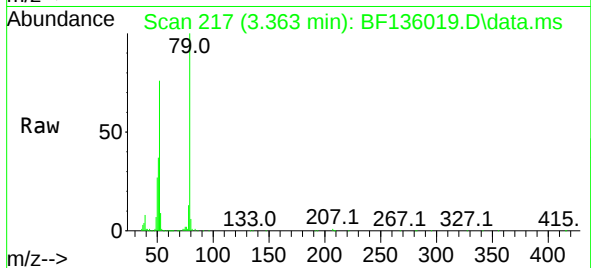
Tgt Ion: 88 Resp: 156575
Ion Ratio Lower Upper
88 100
58 80.0 66.6 100.0
43 30.5 23.8 35.8





#3
Pyridine
Concen: 34.360 ng
RT: 3.363 min Scan# 218
Delta R.T. -0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

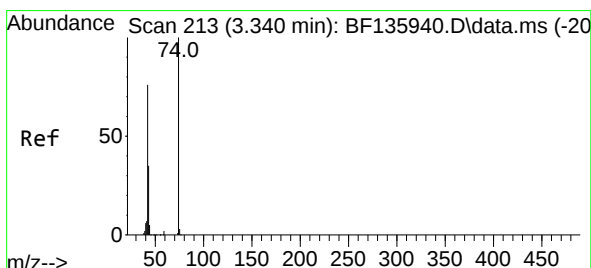
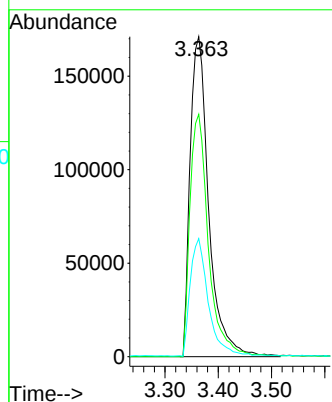
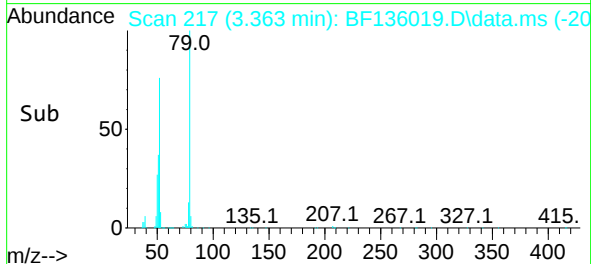
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion: 79 Resp: 41538
Ion Ratio Lower Upper
79 100
52 75.8 62.6 93.8
51 36.9 29.8 44.8

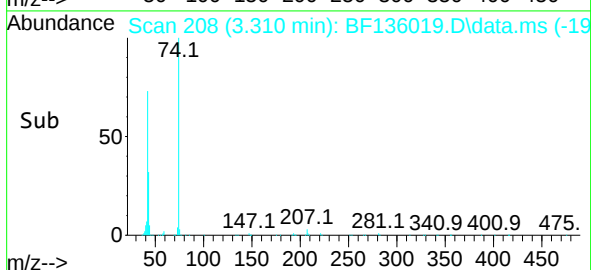
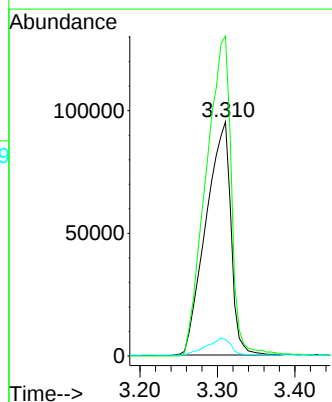
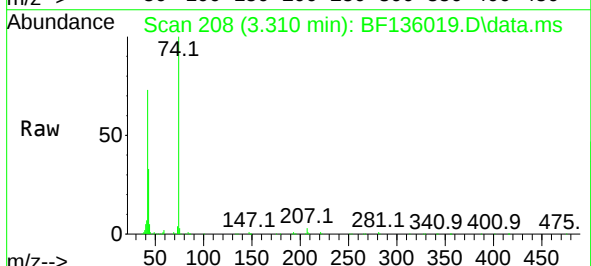
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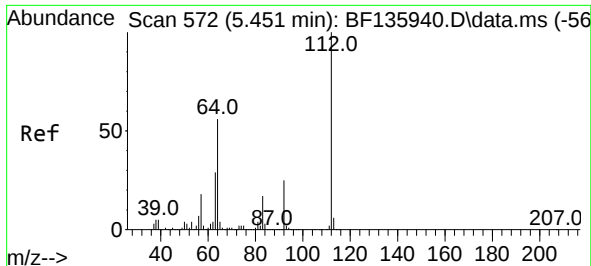
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#4
n-Nitrosodimethylamine
Concen: 40.370 ng
RT: 3.310 min Scan# 208
Delta R.T. -0.029 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

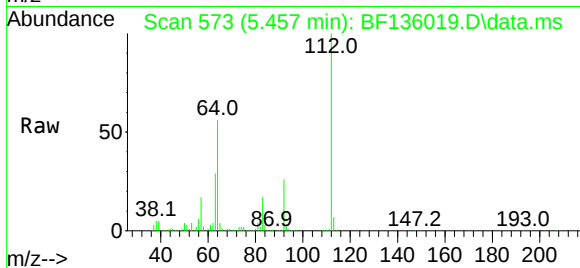
Tgt Ion: 42 Resp: 212798
Ion Ratio Lower Upper
42 100
74 136.6 104.8 157.2
44 7.0 5.9 8.9





#5
2-Fluorophenol
Concen: 111.772 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

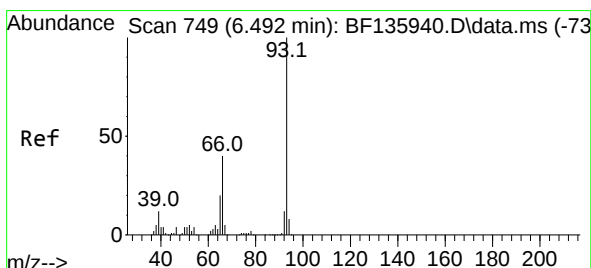
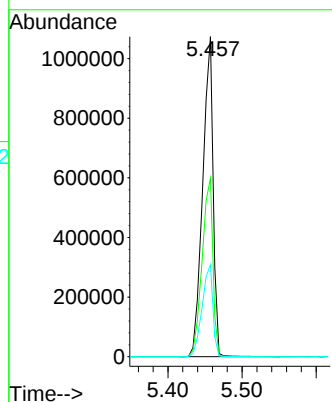
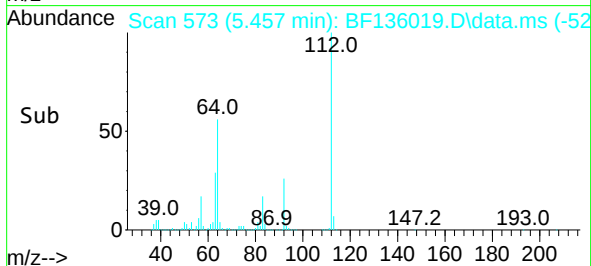
Instrument :
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Tgt Ion:112 Resp: 105387
Ion Ratio Lower Upper
112 100
64 55.8 45.1 67.7
63 28.7 23.0 34.4

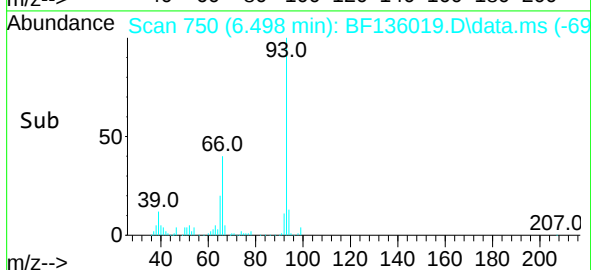
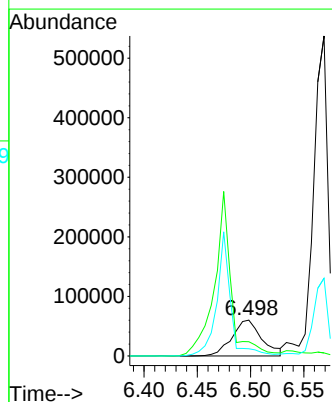
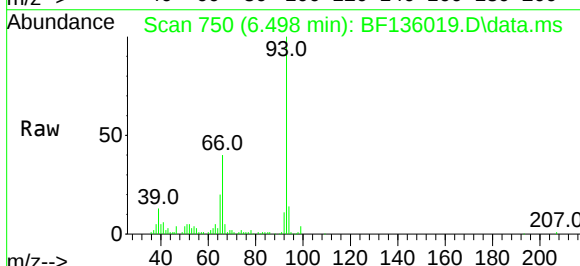
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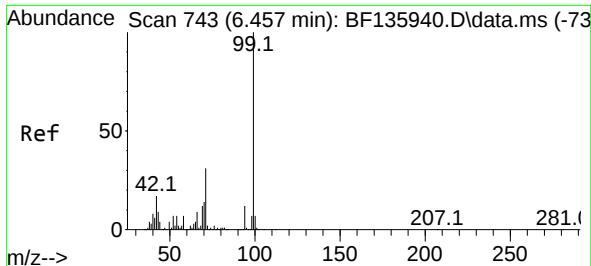
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#6
Aniline
Concen: 7.429 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

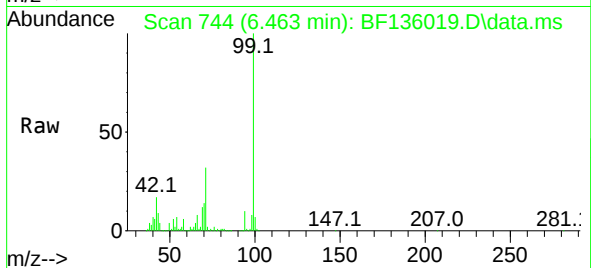
Tgt Ion: 93 Resp: 117418
Ion Ratio Lower Upper
93 100
66 39.6 32.0 48.0
65 19.9 16.2 24.4





#7
Phenol-d6
Concen: 113.783 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

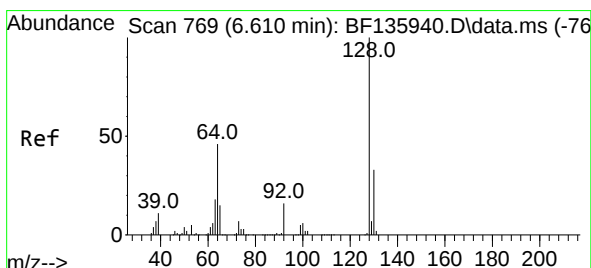
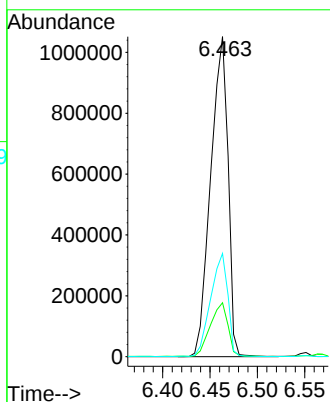
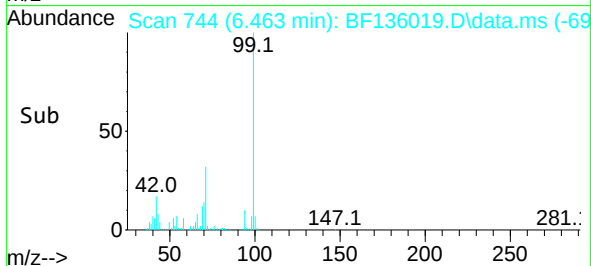
Instrument :
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Tgt Ion: 99 Resp: 133563
Ion Ratio Lower Upper
99 100
42 16.8 13.8 20.8
71 32.2 25.1 37.7

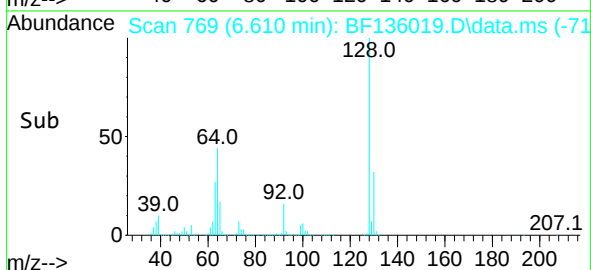
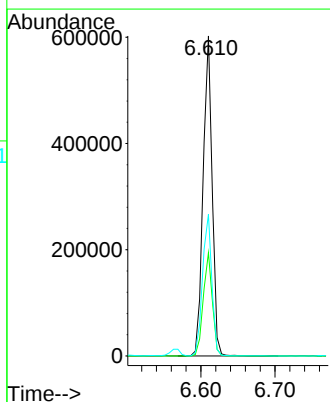
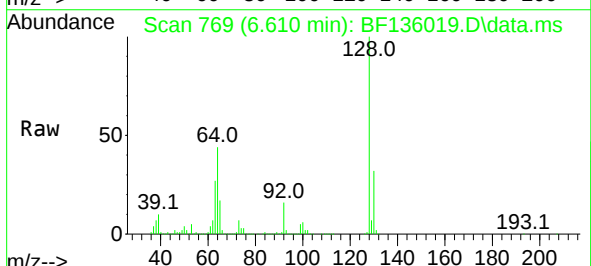
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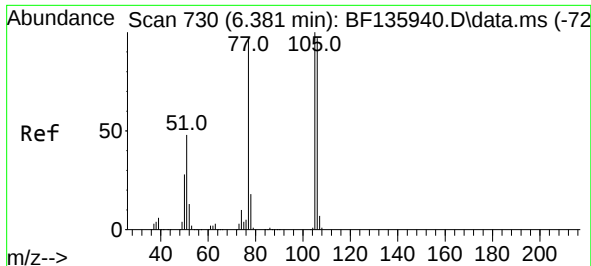
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#8
2-Chlorophenol
Concen: 52.427 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

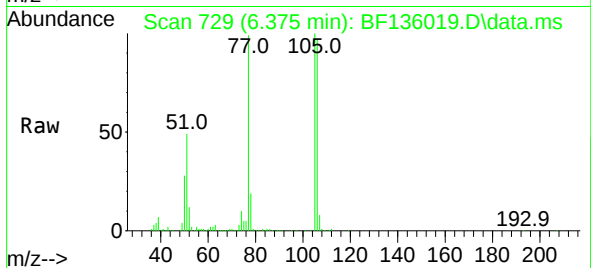
Tgt Ion:128 Resp: 511742
Ion Ratio Lower Upper
128 100
130 32.2 13.1 53.1
64 44.3 27.0 67.0





#9
Benzaldehyde
Concen: 28.120 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

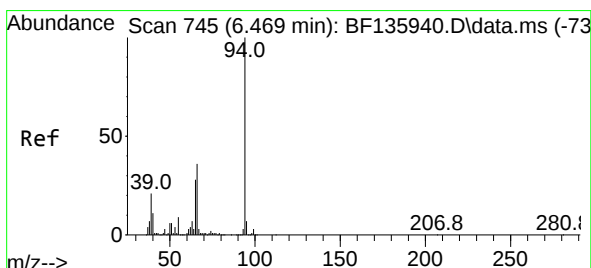
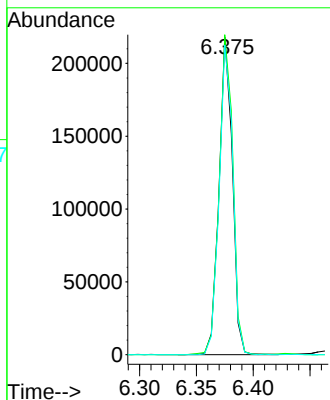
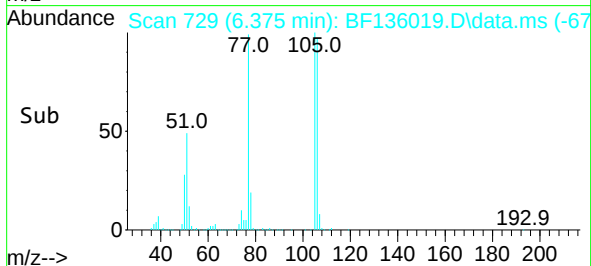
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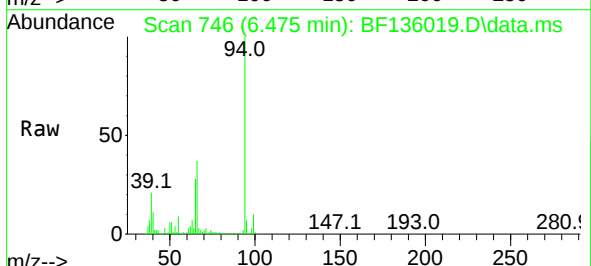
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Ion Ratio Lower Upper
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105 100.8 83.2 123.2
106 97.5 80.0 120.0

Manual Integrations
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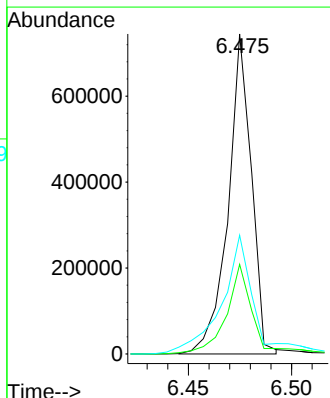
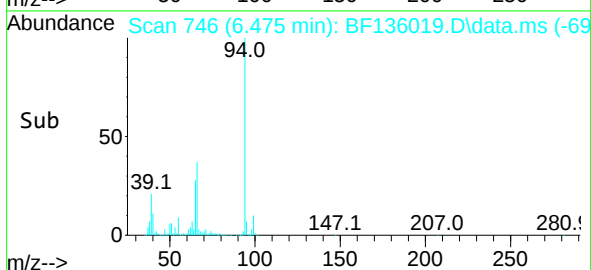
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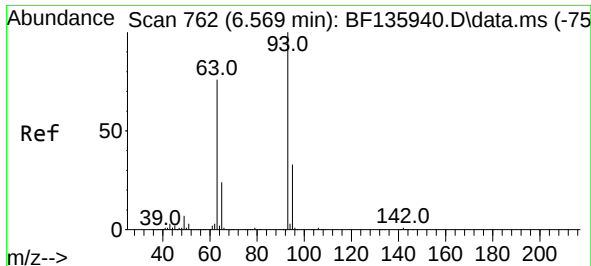


#10
Phenol
Concen: 47.514 ng m
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21



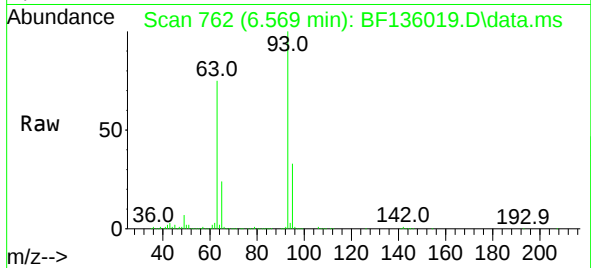
Tgt Ion: 94 Resp: 583079
Ion Ratio Lower Upper
94 100
65 28.0 7.8 47.8
66 37.1 16.5 56.5





#11
bis(2-Chloroethyl)ether
Concen: 52.059 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

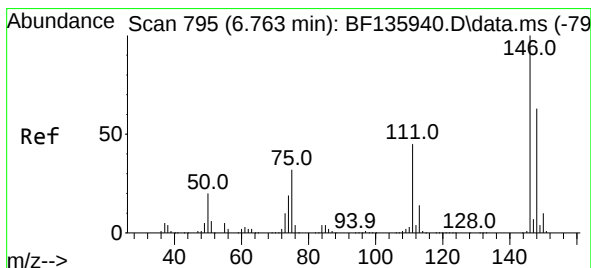
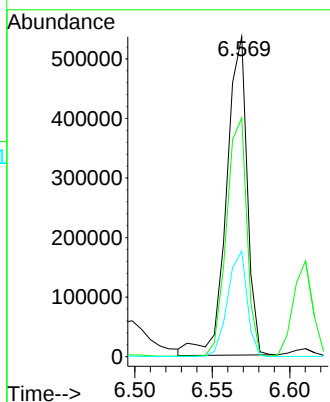
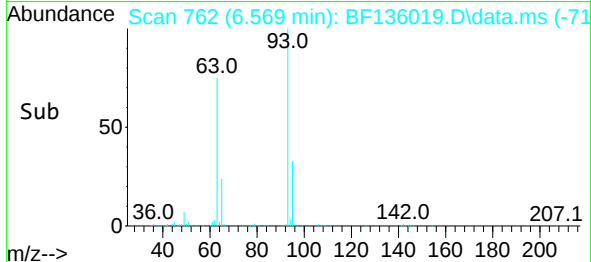
Instrument :
BNA_F
ClientSampleId :
222MS



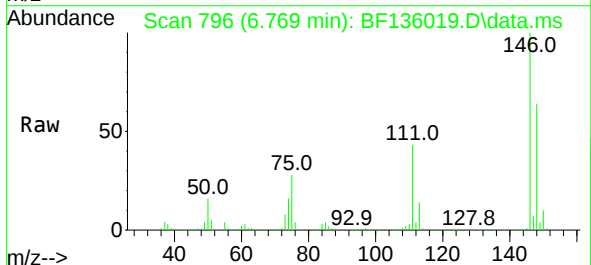
Tgt Ion: 93 Resp: 497270
Ion Ratio Lower Upper
93 100
63 74.7 56.2 96.2
95 33.0 12.9 52.9

Manual Integrations
APPROVED

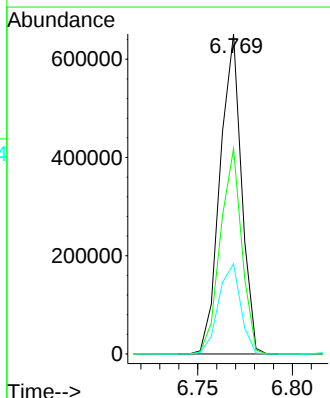
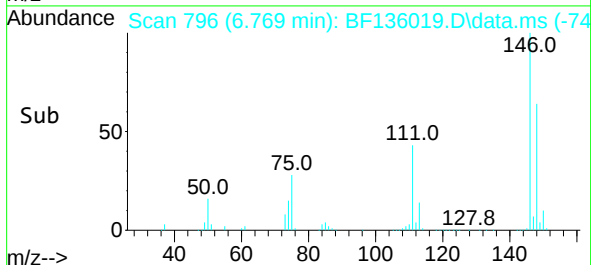
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

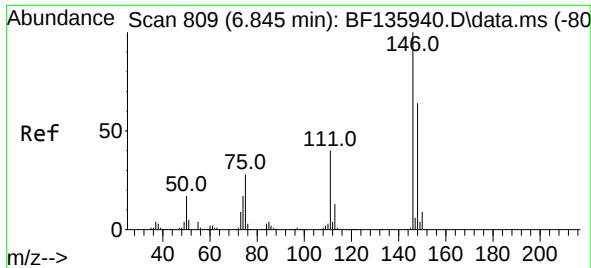


#12
1,3-Dichlorobenzene
Concen: 49.443 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21



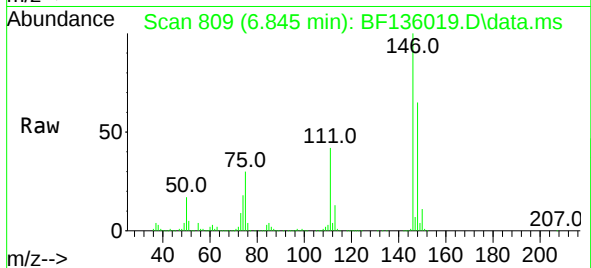
Tgt Ion:146 Resp: 512622
Ion Ratio Lower Upper
146 100
148 64.2 50.2 75.4
75 28.2 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 49.253 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

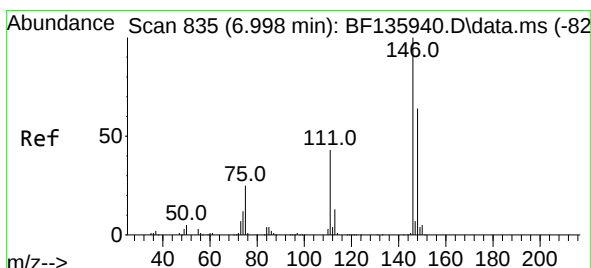
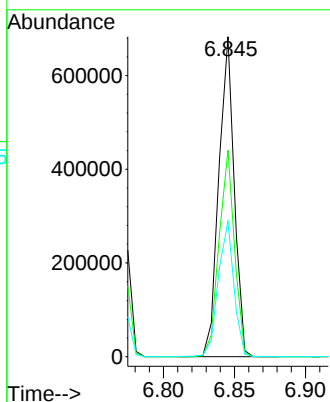
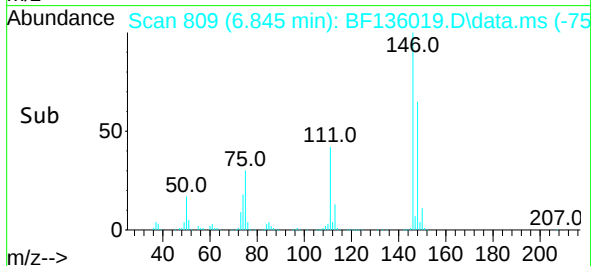
Instrument :
BNA_F
ClientSampleId :
222MS



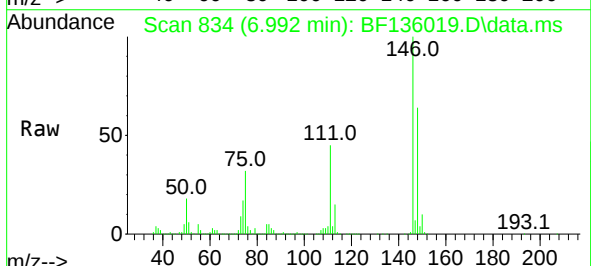
Tgt Ion:146 Resp: 51285
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
111 42.2 31.8 47.8

Manual Integrations
APPROVED

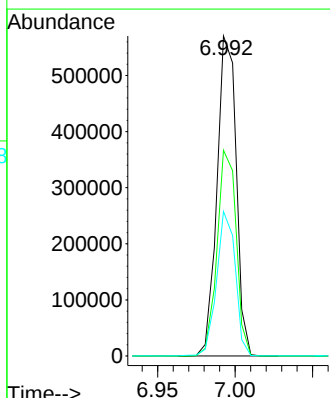
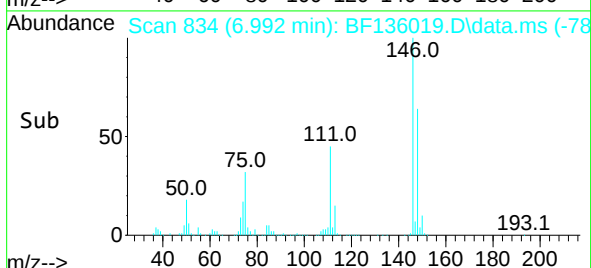
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

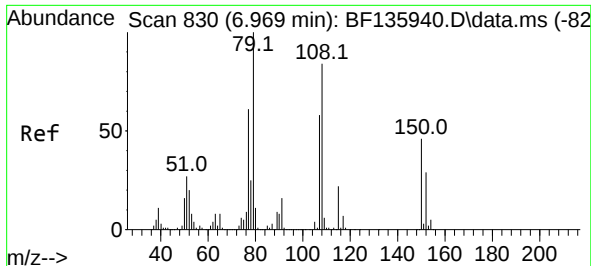


#14
1,2-Dichlorobenzene
Concen: 50.820 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21



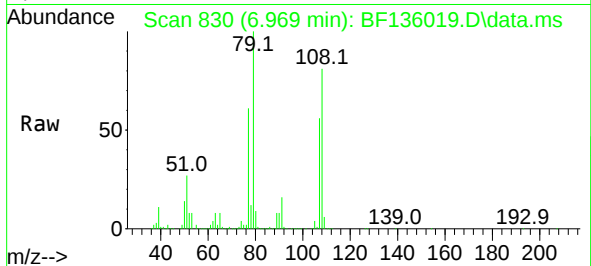
Tgt Ion:146 Resp: 491398
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
111 45.2 34.2 51.4





#15
Benzyl Alcohol
Concen: 49.213 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

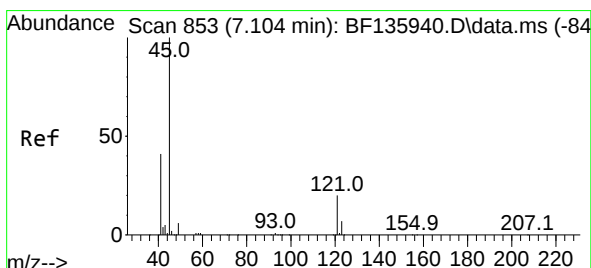
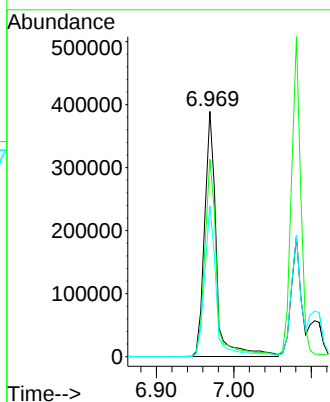
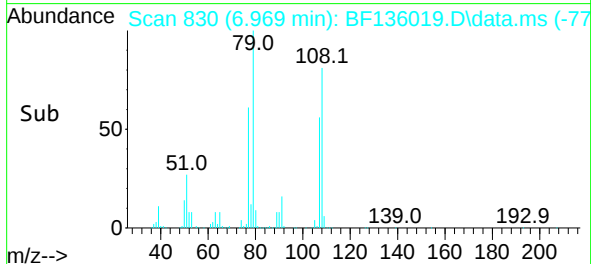
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion: 79 Resp: 408379
Ion Ratio Lower Upper
79 100
108 80.5 67.2 100.8
77 61.5 49.0 73.6

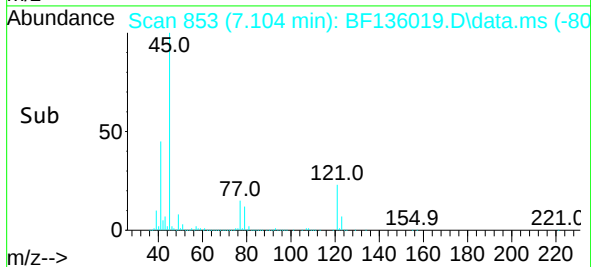
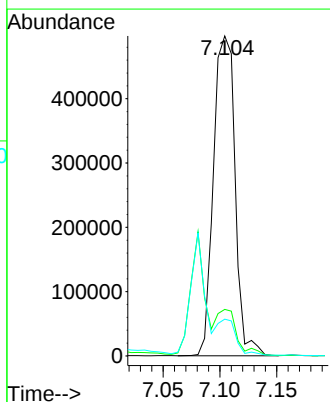
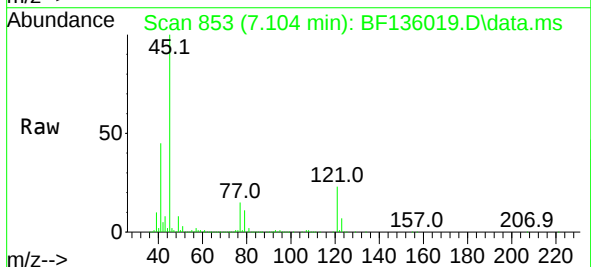
Manual Integrations
APPROVED

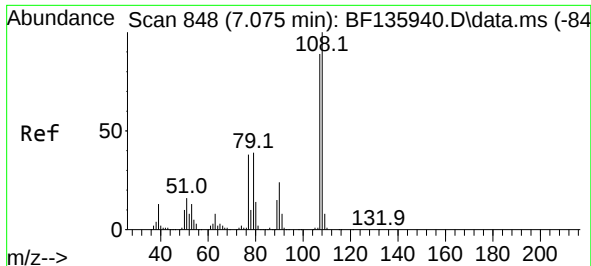
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.749 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

Tgt Ion: 45 Resp: 657616
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.2
79 11.5 0.0 29.8





#17

2-Methylphenol

Concen: 42.373 ng

RT: 7.081 min Scan# 848

Delta R.T. 0.006 min

Lab File: BF136019.D

Acq: 28 Oct 2023 22:21

Instrument :

BNA_F

ClientSampleId :

222MS

Tgt Ion:107 Resp: 36453

Ion Ratio Lower Upper

107 100

108 114.3 89.8 134.6

77 43.5 34.2 51.2

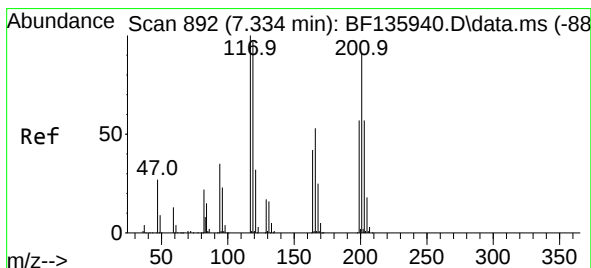
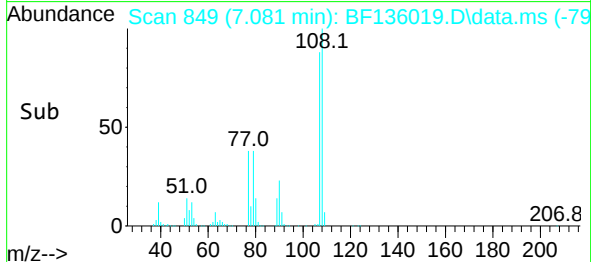
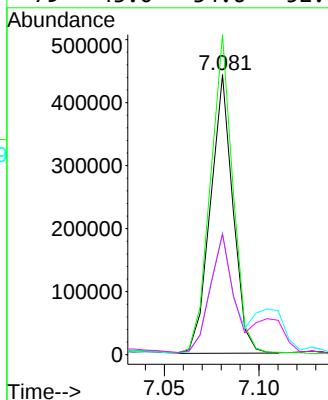
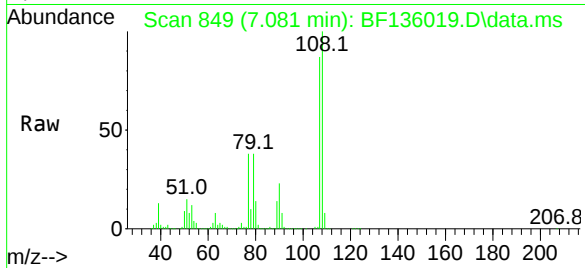
79 43.0 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#18

Hexachloroethane

Concen: 50.882 ng

RT: 7.339 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF136019.D

Acq: 28 Oct 2023 22:21

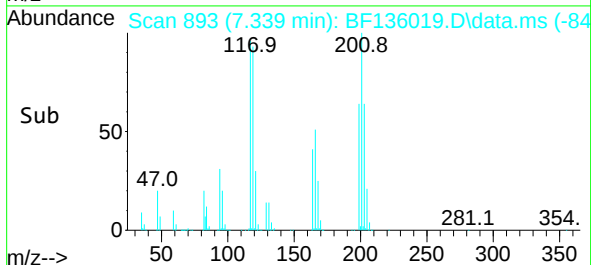
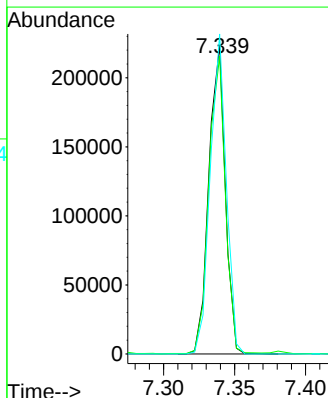
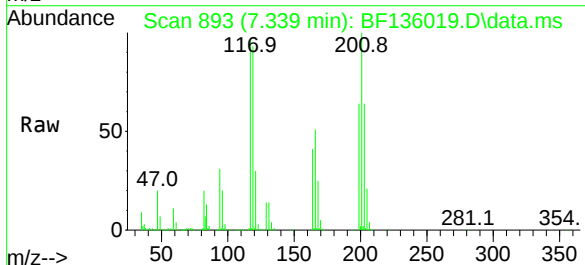
Tgt Ion:117 Resp: 180157

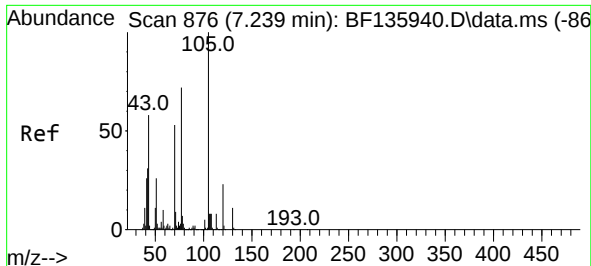
Ion Ratio Lower Upper

117 100

119 96.4 77.3 115.9

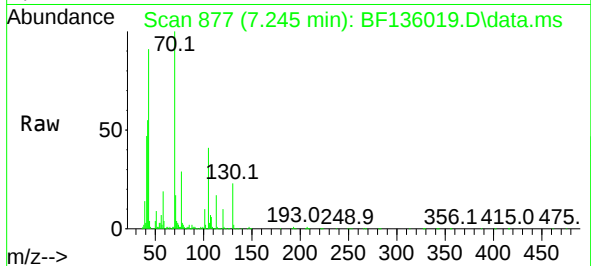
201 103.7 72.8 109.2





#19
n-Nitroso-di-n-propylamine
Concen: 47.604 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

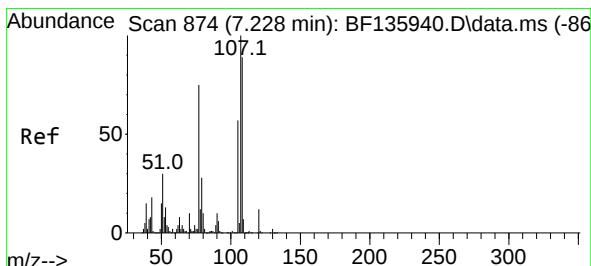
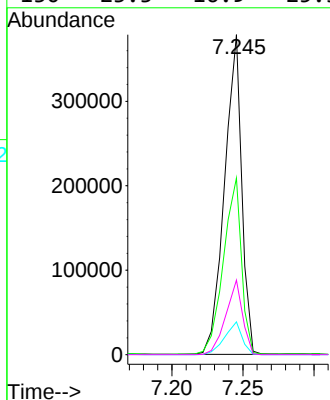
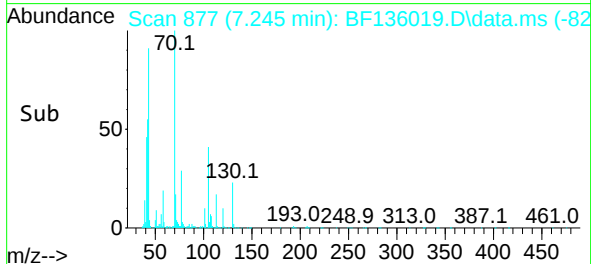
Instrument :
BNA_F
ClientSampleId :
222MS



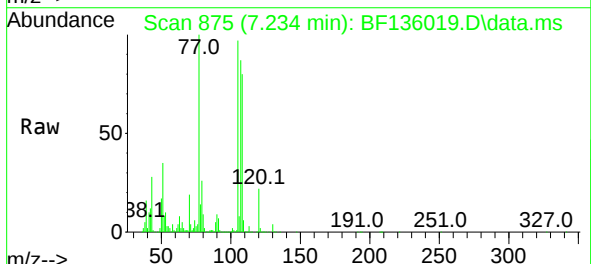
Tgt Ion: 70 Resp: 31776
Ion Ratio Lower Upper
70 100
42 55.2 47.3 70.9
101 10.3 7.8 11.8
130 23.3 16.9 25.3

Manual Integrations
APPROVED

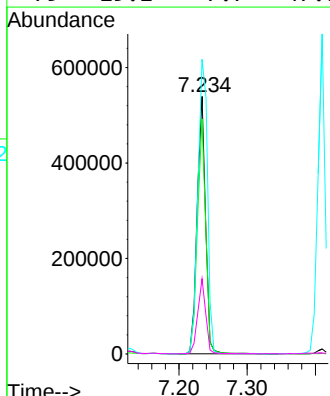
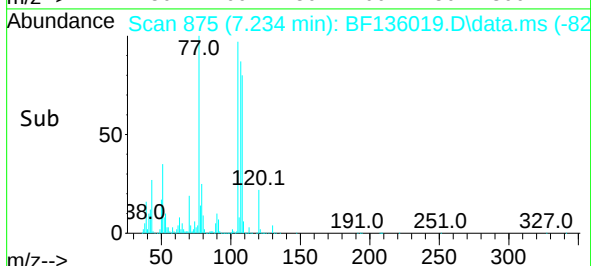
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

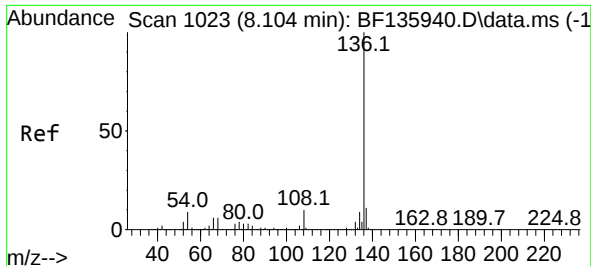


#20
3+4-Methylphenols
Concen: 44.246 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21



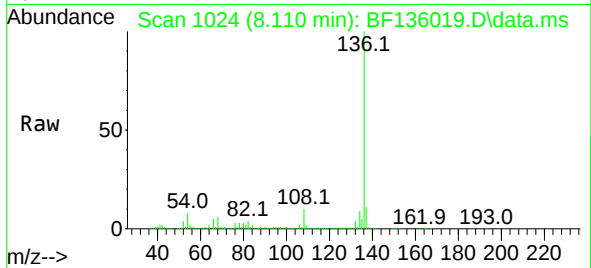
Tgt Ion:107 Resp: 459404
Ion Ratio Lower Upper
107 100
108 91.2 69.1 109.1
77 114.4 55.0 95.0#
79 29.2 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

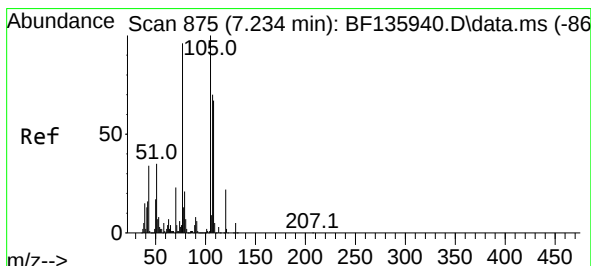
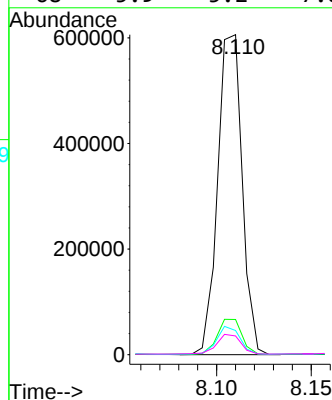
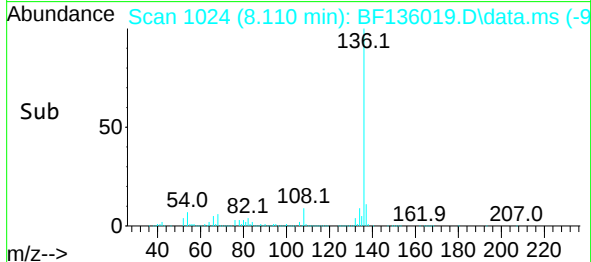
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:136 Resp: 54596
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.6 7.1 10.7
68 5.9 5.2 7.8

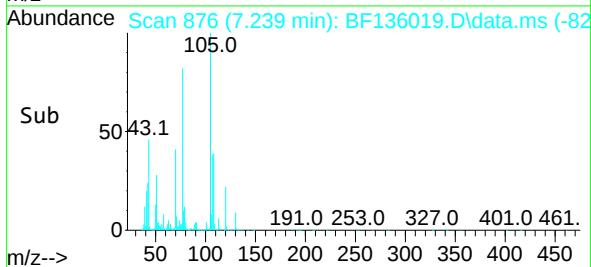
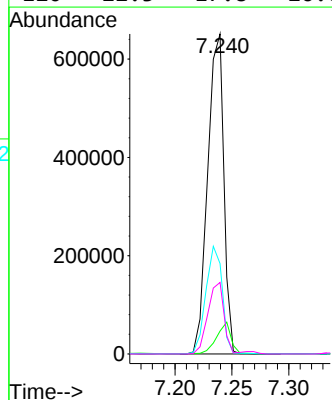
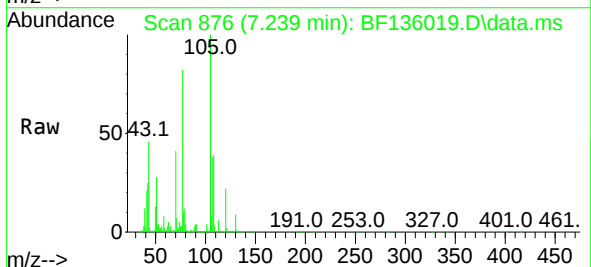
Manual Integrations
APPROVED

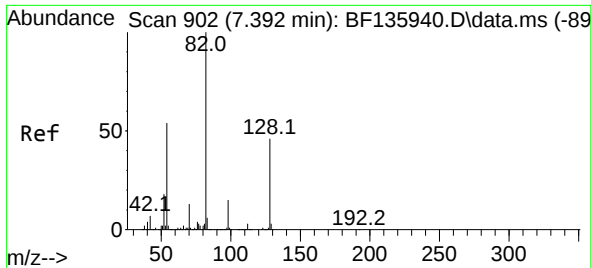
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#22
Acetophenone
Concen: 51.994 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

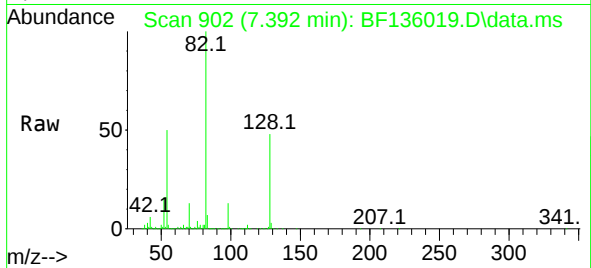
Tgt Ion:105 Resp: 641140
Ion Ratio Lower Upper
105 100
71 7.1 3.4 5.2#
51 28.2 28.4 42.6#
120 22.3 17.8 26.6





#23
Nitrobenzene-d5
Concen: 89.094 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

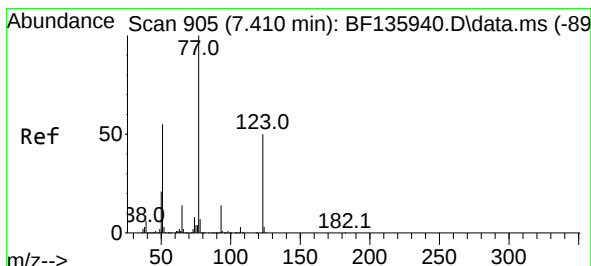
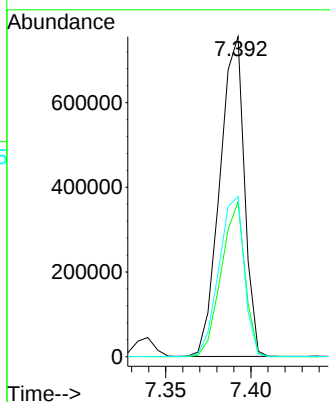
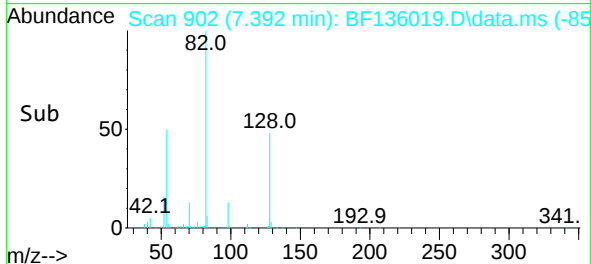
Instrument :
BNA_F
ClientSampleId :
222MS



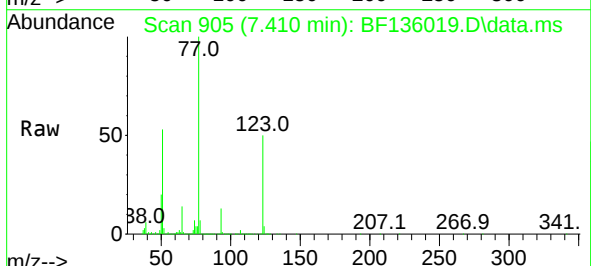
Tgt Ion: 82 Resp: 75774
Ion Ratio Lower Upper
82 100
128 48.3 36.8 55.2
54 50.0 43.4 65.0

Manual Integrations
APPROVED

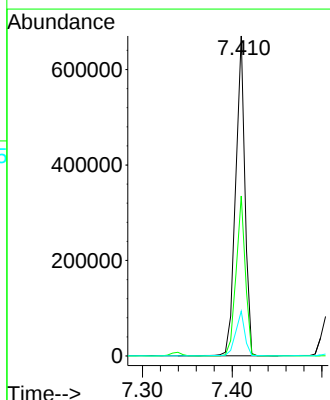
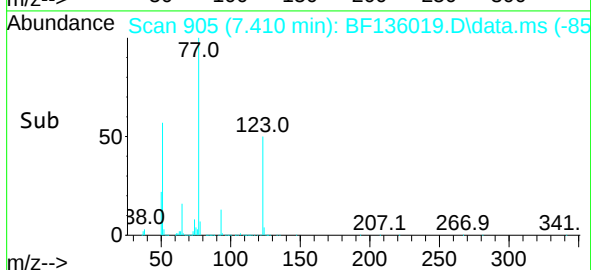
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

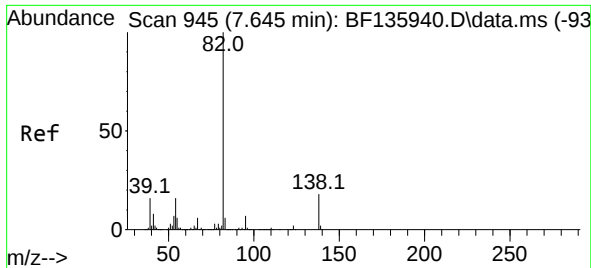


#24
Nitrobenzene
Concen: 53.225 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21



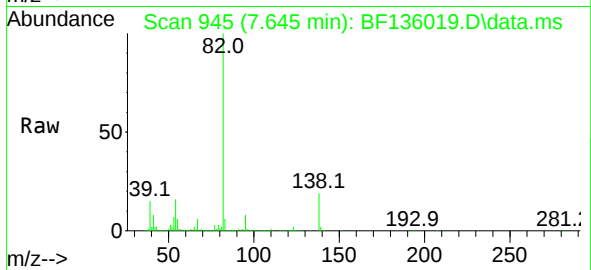
Tgt Ion: 77 Resp: 483917
Ion Ratio Lower Upper
77 100
123 50.0 40.2 60.2
65 14.0 11.0 16.4





#25
Isophorone
Concen: 51.119 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

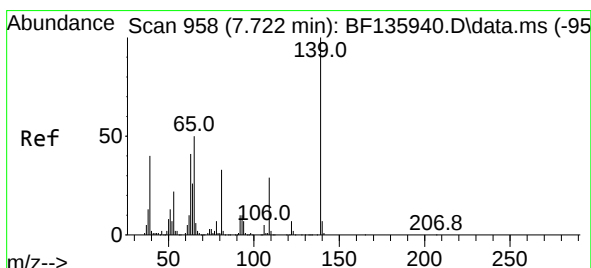
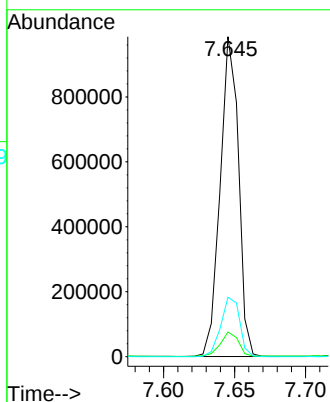
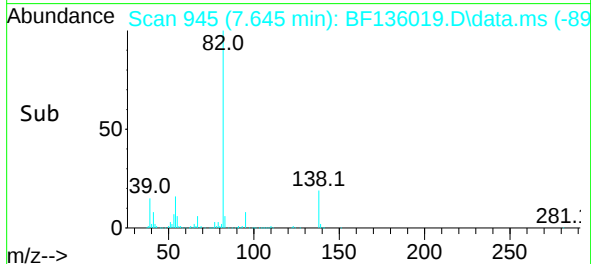
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion: 82 Resp: 88218
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 18.5 14.8 22.2

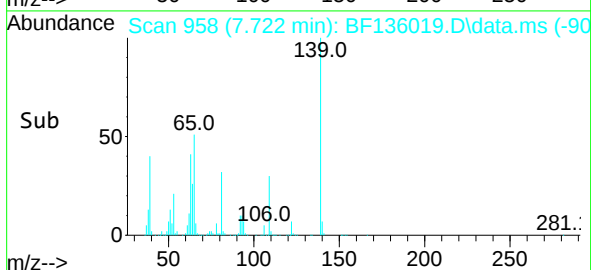
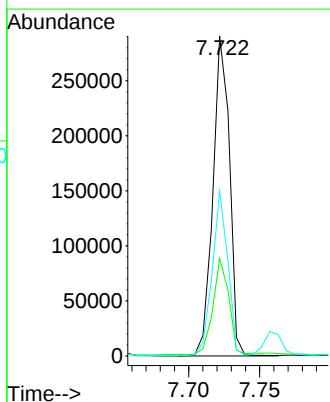
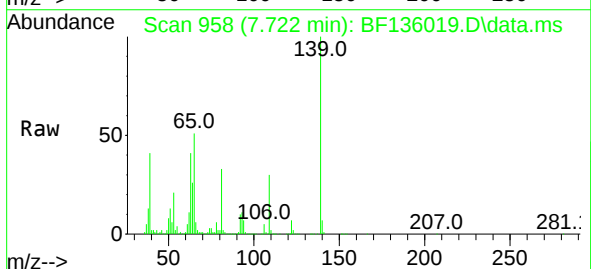
Manual Integrations
APPROVED

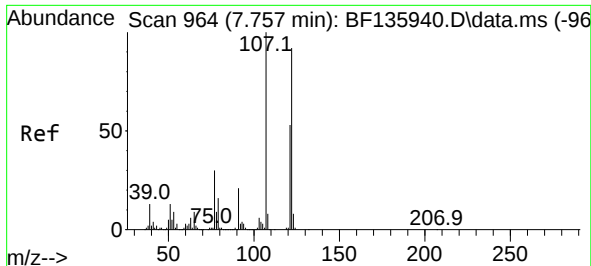
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#26
2-Nitrophenol
Concen: 63.858 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

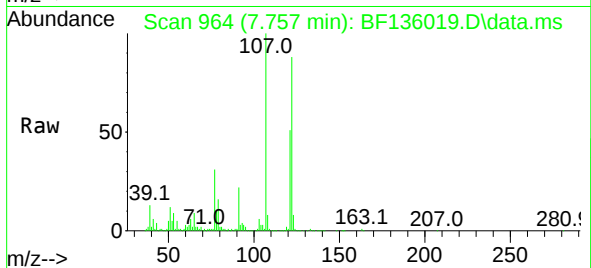
Tgt Ion:139 Resp: 235829
Ion Ratio Lower Upper
139 100
109 30.5 23.1 34.7
65 51.5 39.8 59.8





#27
2,4-Dimethylphenol
Concen: 25.617 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

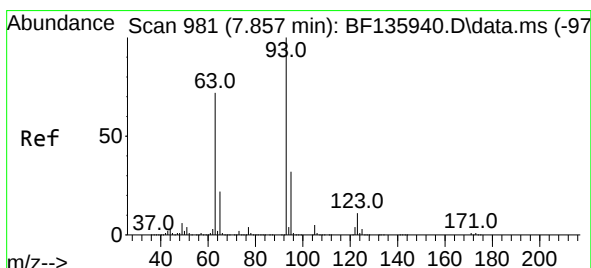
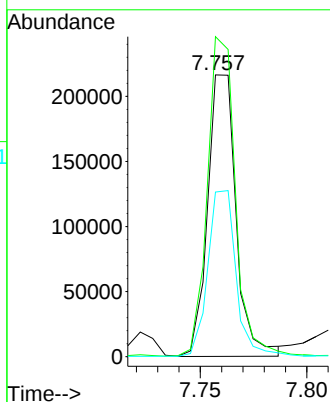
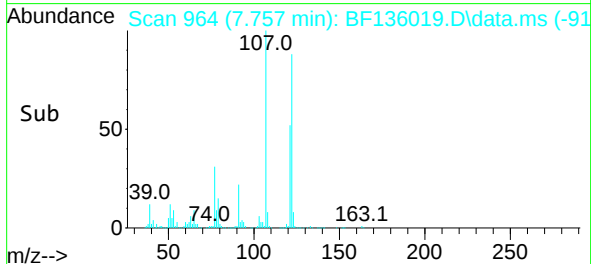
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:122 Resp: 20148
Ion Ratio Lower Upper
122 100
107 113.6 87.1 130.7
121 58.4 45.9 68.9

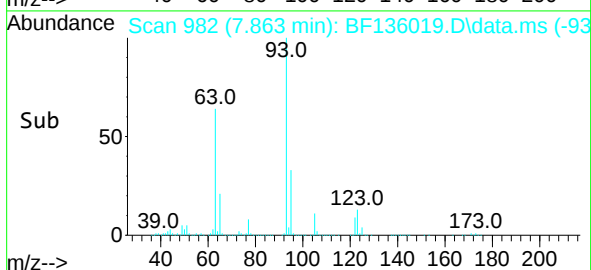
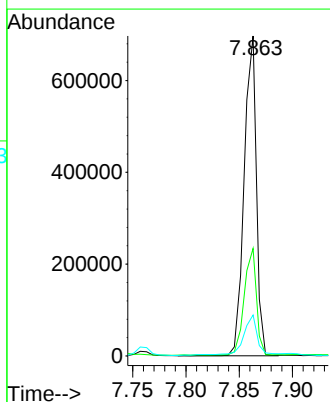
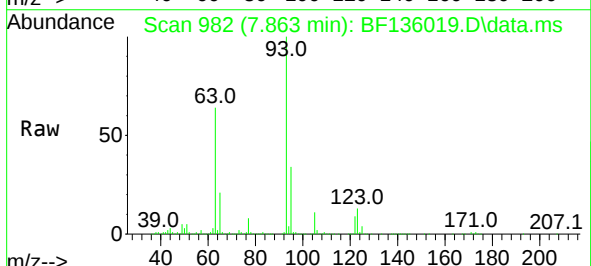
Manual Integrations
APPROVED

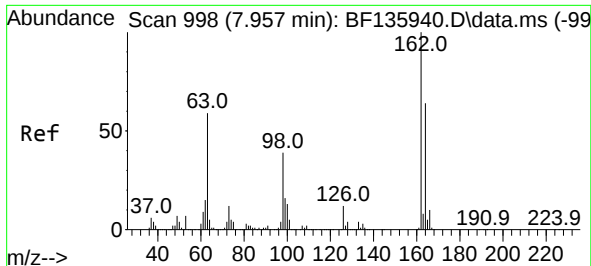
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#28
bis(2-Chloroethoxy)methane
Concen: 52.537 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

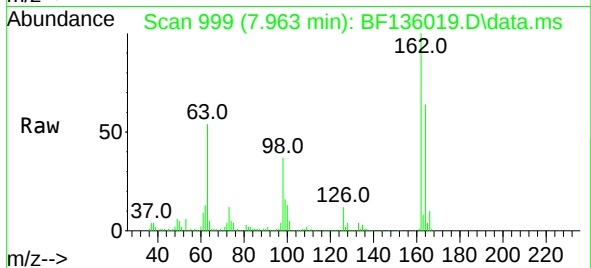
Tgt Ion: 93 Resp: 556757
Ion Ratio Lower Upper
93 100
95 33.6 25.9 38.9
123 12.8 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 55.327 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

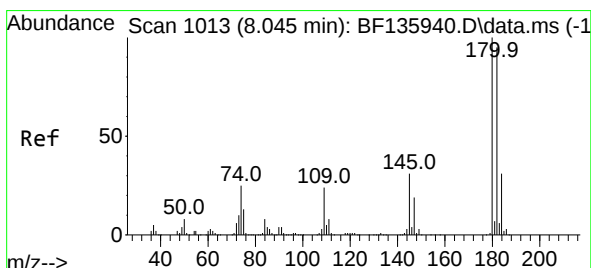
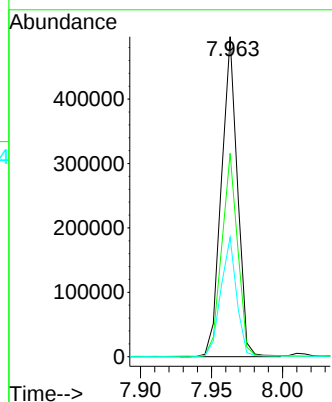
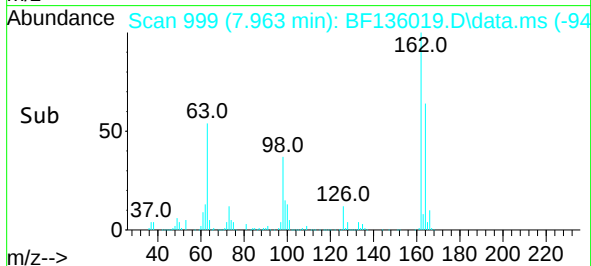
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:162 Resp: 38967
Ion Ratio Lower Upper
162 100
164 63.6 43.7 83.7
98 37.4 18.8 58.8

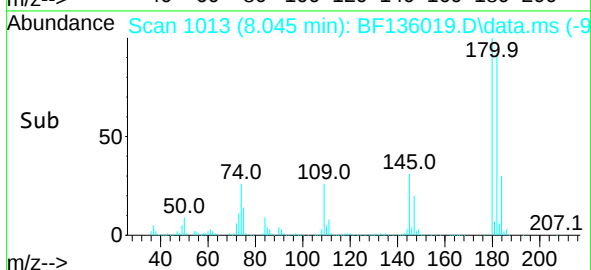
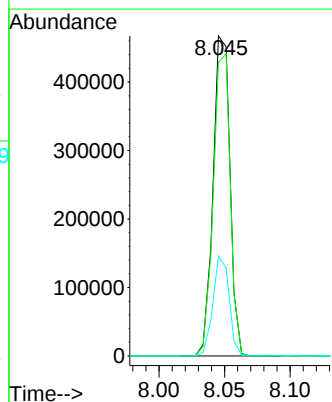
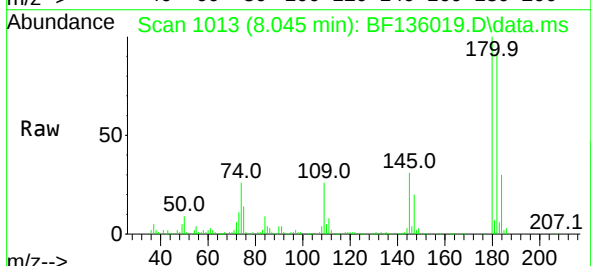
Manual Integrations
APPROVED

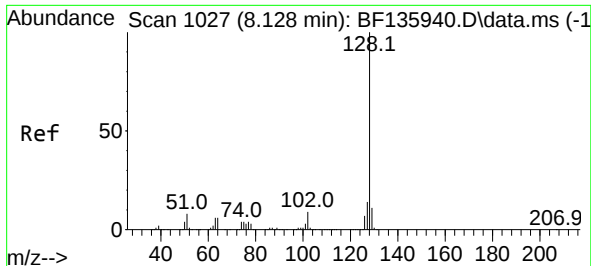
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#30
1,2,4-Trichlorobenzene
Concen: 52.545 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

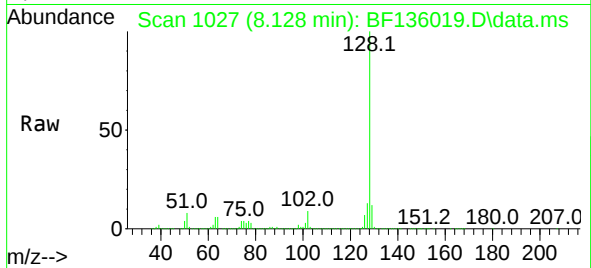
Tgt Ion:180 Resp: 419019
Ion Ratio Lower Upper
180 100
182 91.7 76.0 114.0
145 31.3 24.6 36.8





#31
Naphthalene
Concen: 49.935 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

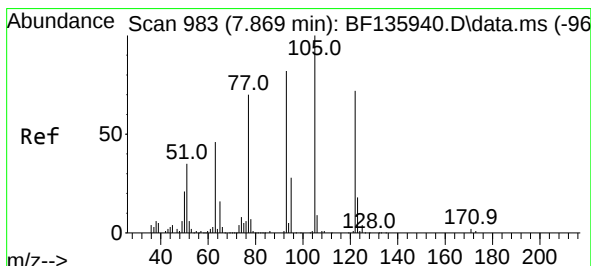
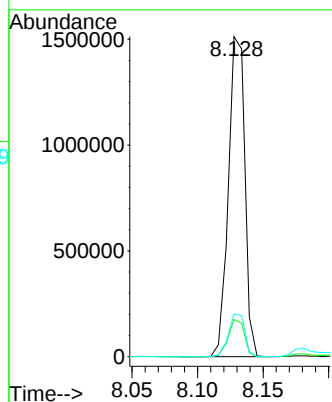
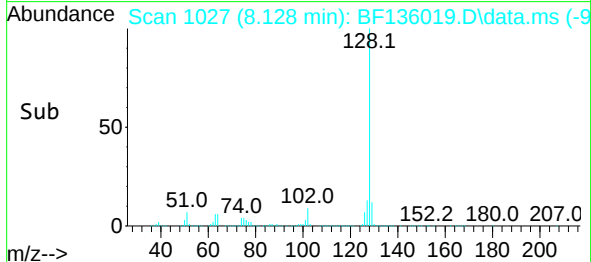
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:128 Resp: 131807
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.4 10.9 16.3

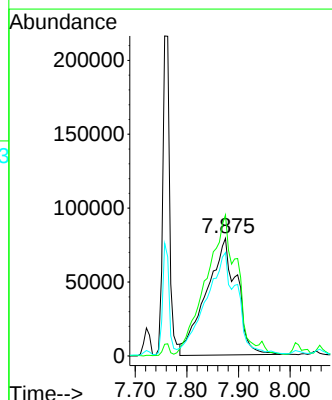
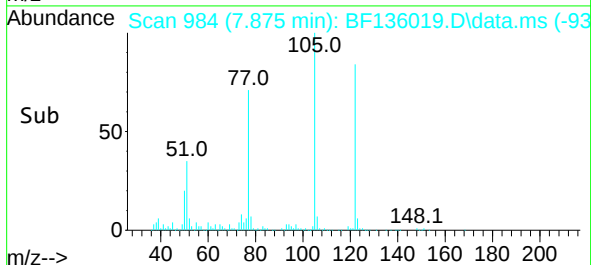
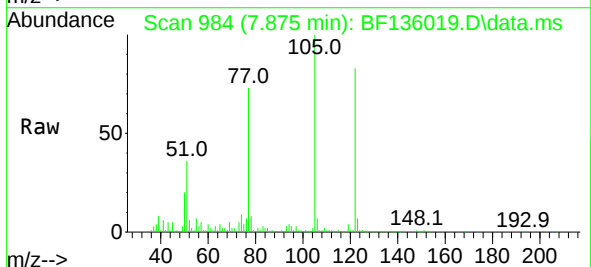
Manual Integrations
APPROVED

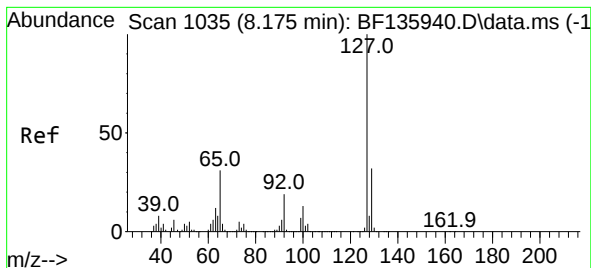
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#32
Benzoic acid
Concen: 68.060 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

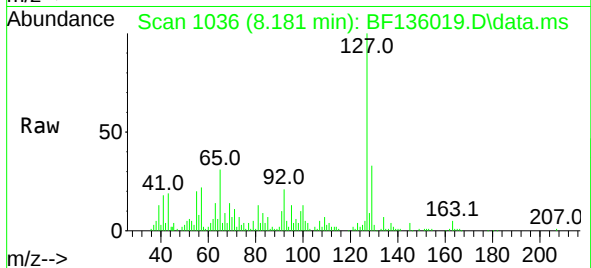
Tgt Ion:122 Resp: 323805
Ion Ratio Lower Upper
122 100
105 119.9 113.1 153.1
77 87.9 75.2 115.2





#33
4-Chloroaniline
Concen: 7.405 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

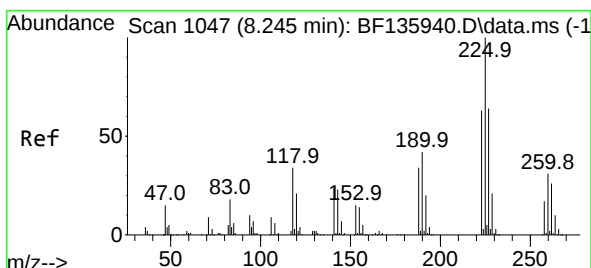
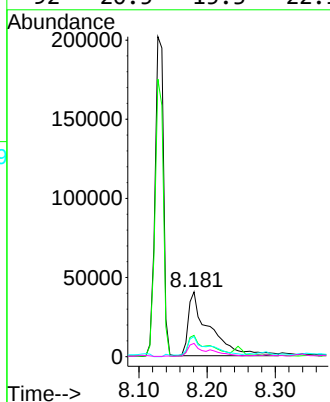
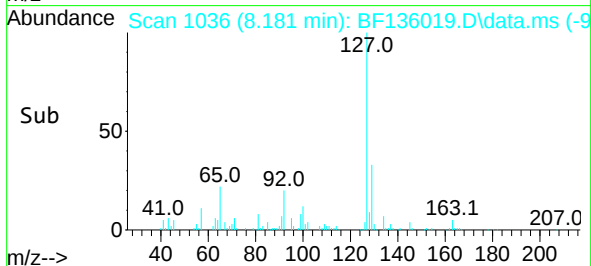
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:127 Resp: 8638
Ion Ratio Lower Upper
127 100
129 32.8 25.7 38.5
65 31.2 24.8 37.2
92 20.5 15.3 22.9

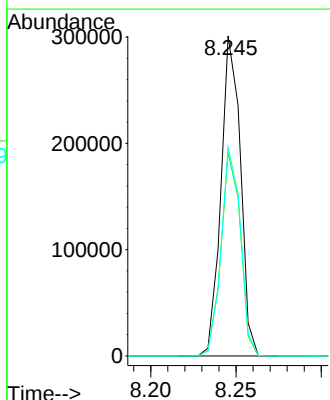
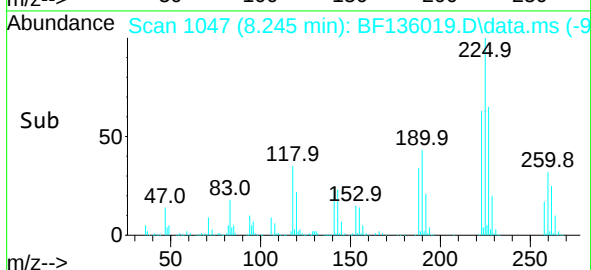
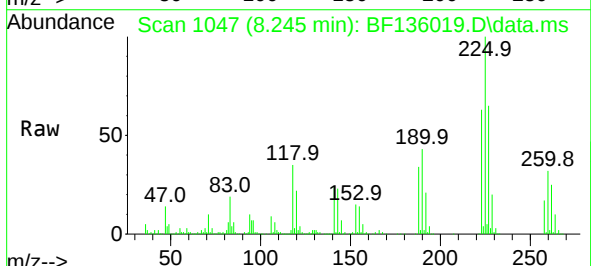
Manual Integrations
APPROVED

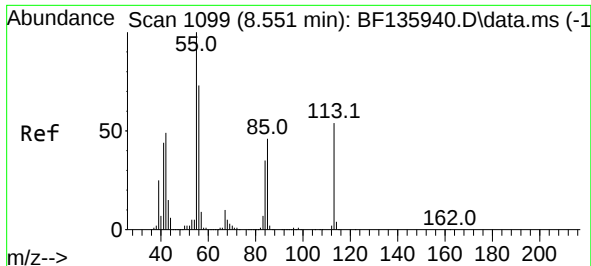
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#34
Hexachlorobutadiene
Concen: 53.070 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

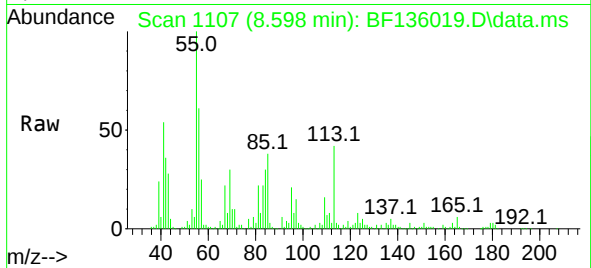
Tgt Ion:225 Resp: 238539
Ion Ratio Lower Upper
225 100
223 63.5 50.6 75.8
227 65.2 50.9 76.3





#35
Caprolactam
Concen: 57.118 ng
RT: 8.598 min Scan# 1107
Delta R.T. 0.047 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

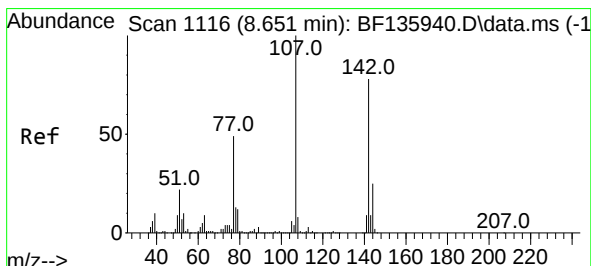
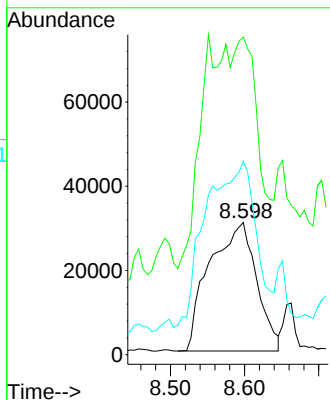
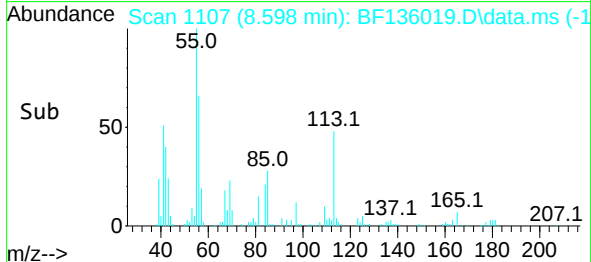
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:113 Resp: 133874
Ion Ratio Lower Upper
113 100
55 240.1 165.4 205.4
56 146.4 115.2 155.2

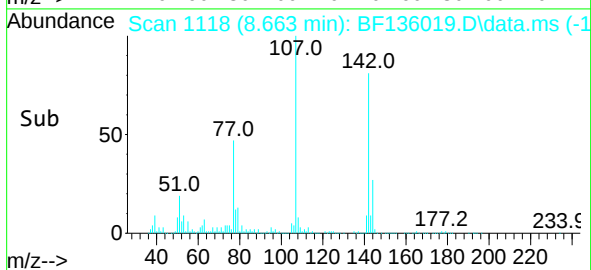
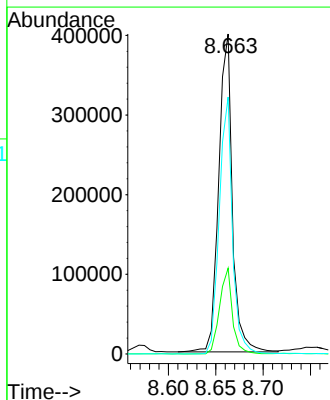
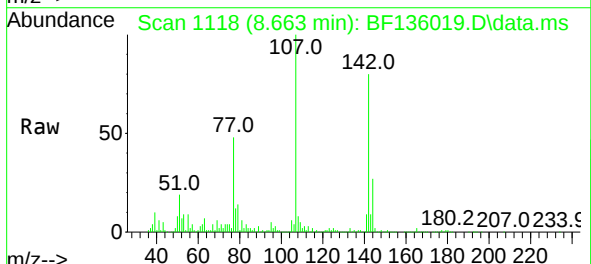
Manual Integrations
APPROVED

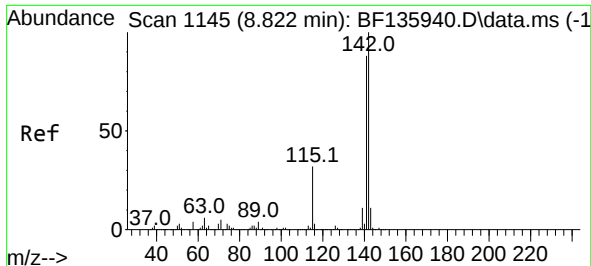
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#36
4-Chloro-3-methylphenol
Concen: 53.397 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.012 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

Tgt Ion:107 Resp: 399663
Ion Ratio Lower Upper
107 100
144 26.8 19.9 29.9
142 80.3 62.8 94.2





#37
2-Methylnaphthalene
Concen: 44.994 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

Instrument :

BNA_F

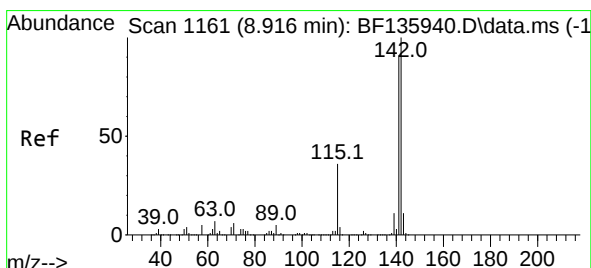
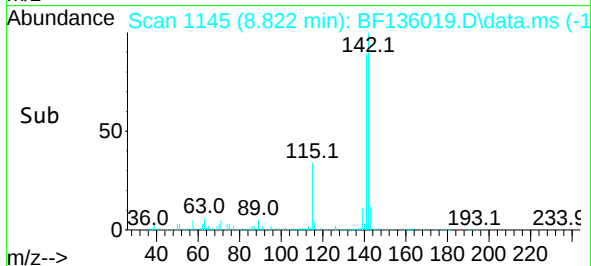
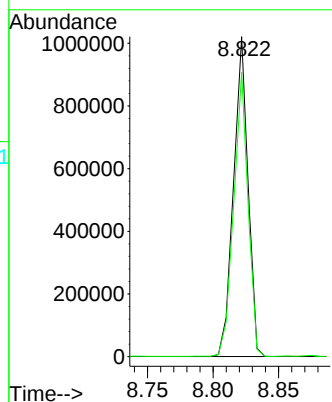
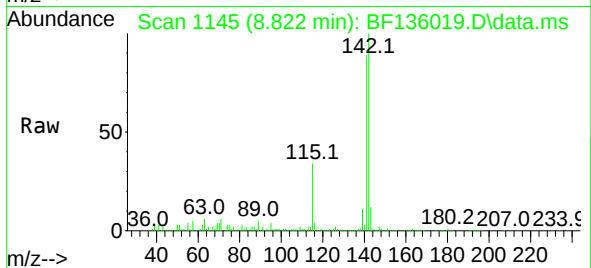
ClientSampleId :

222MS

Tgt Ion:142 Resp: 78580
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6

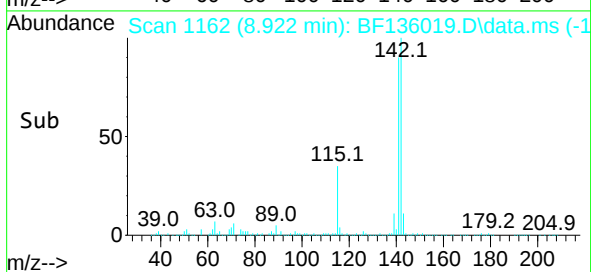
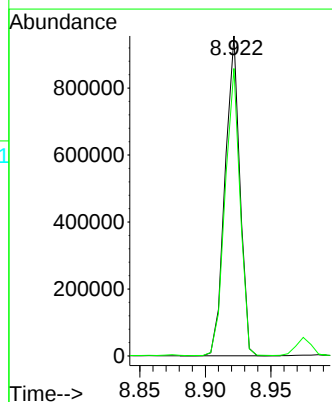
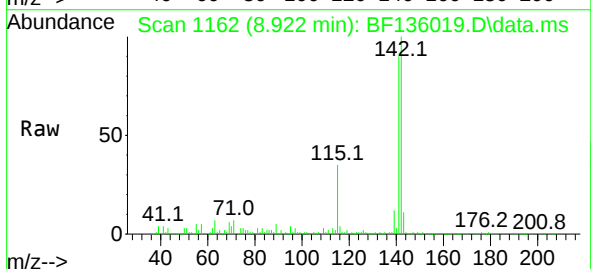
Manual Integrations
APPROVED

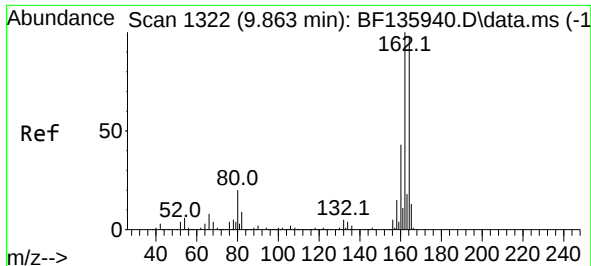
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#38
1-Methylnaphthalene
Concen: 45.954 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

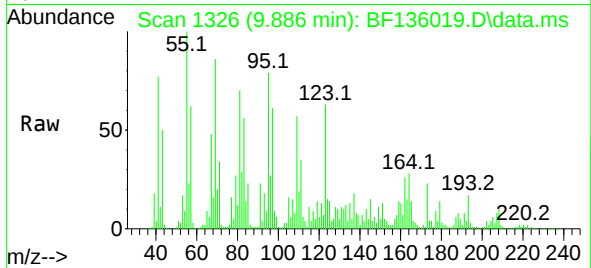
Tgt Ion:142 Resp: 749915
Ion Ratio Lower Upper
142 100
141 89.8 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1173
Delta R.T. 0.023 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

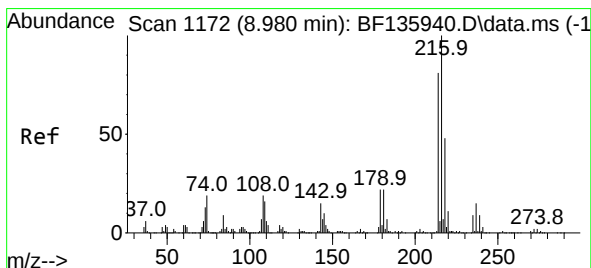
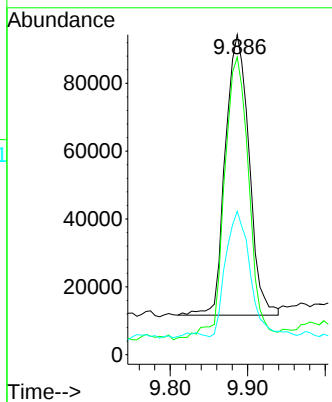
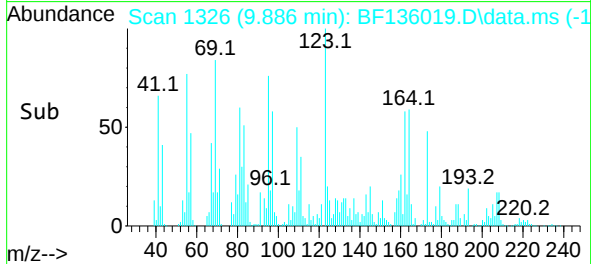
Instrument :
BNA_F
ClientSampleId :
222MS



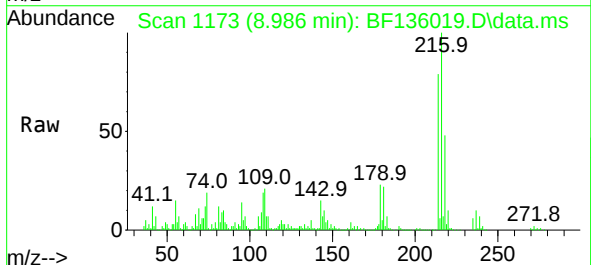
Tgt Ion:164 Resp: 176810
Ion Ratio Lower Upper
164 100
162 93.0 82.0 123.0
160 44.8 35.6 53.4

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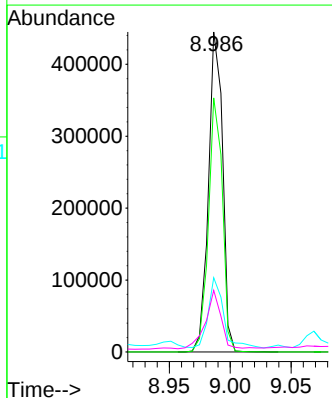
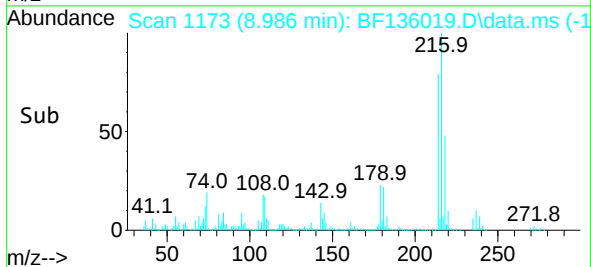
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

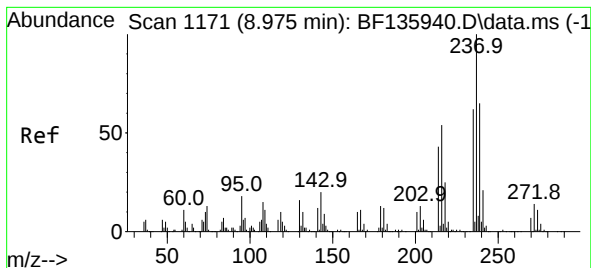


#40
1,2,4,5-Tetrachlorobenzene
Concen: 71.946 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21



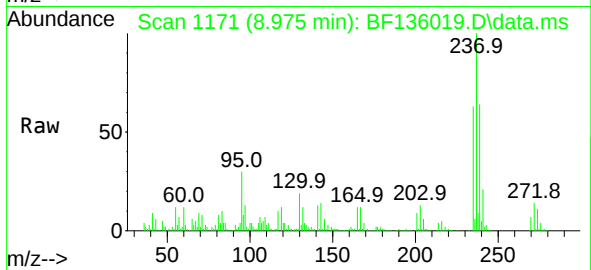
Tgt Ion:216 Resp: 359284
Ion Ratio Lower Upper
216 100
214 78.4 63.3 94.9
179 23.2 17.3 25.9
108 20.2 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 145.351 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

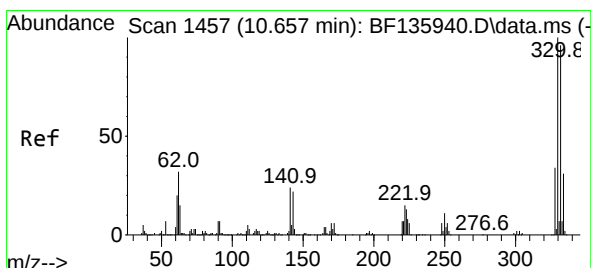
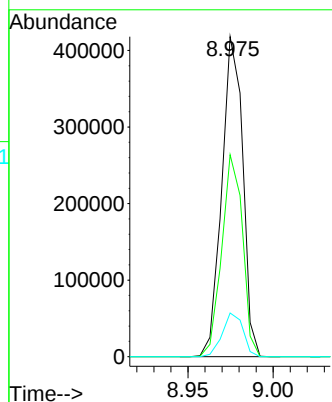
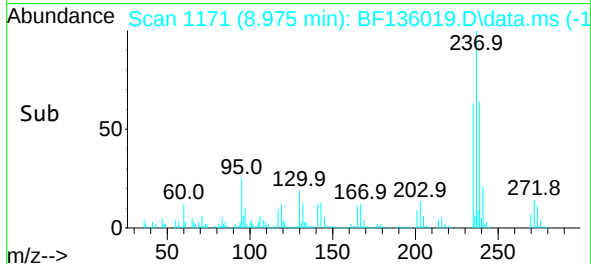
Instrument :
BNA_F
ClientSampleId :
222MS



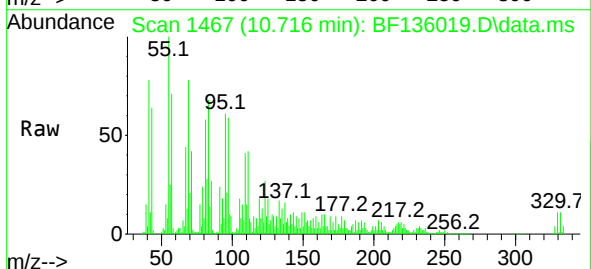
Tgt Ion: 237 Resp: 357909
Ion Ratio Lower Upper
237 100
235 63.1 41.7 81.7
272 13.6 0.0 33.6

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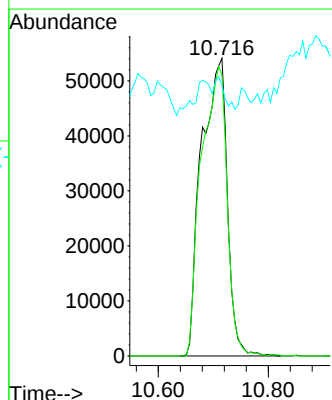
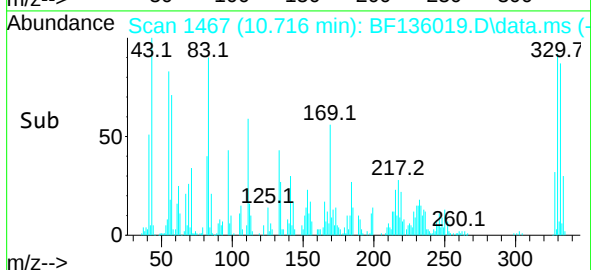
Reviewed By : Yogesh Patel 10/31/2023
Supervised By : mohammad ahmed 10/31/2023

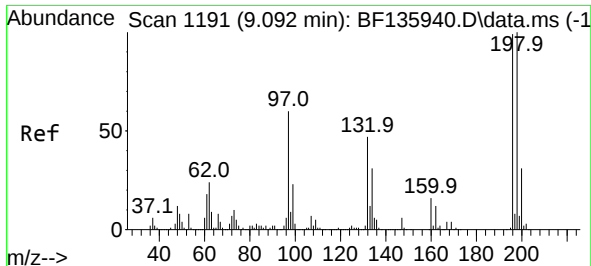


#42
2,4,6-Tribromophenol
Concen: 113.669 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.059 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21



Tgt Ion: 330 Resp: 175915
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 0.0 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 76.781 ng

RT: 9.098 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF136019.D

Acq: 28 Oct 2023 22:21

Instrument :

BNA_F

ClientSampleId :

222MS

Tgt Ion:196 Resp: 224418

Ion Ratio Lower Upper

196 100

198 100.9 81.0 121.4

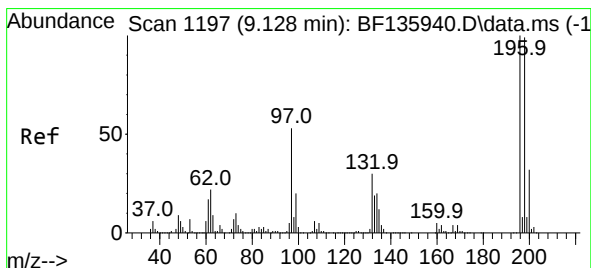
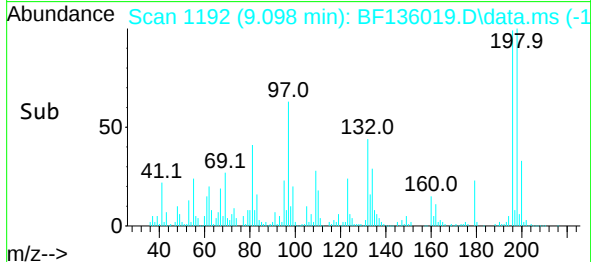
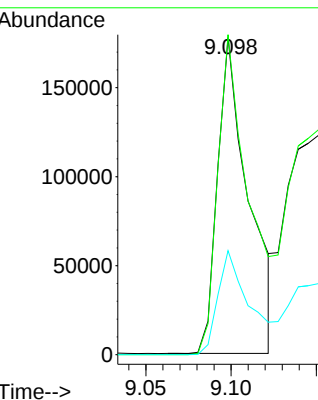
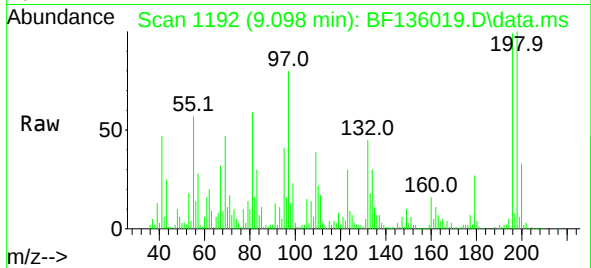
200 32.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#44

2,4,5-Trichlorophenol

Concen: 79.146 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.024 min

Lab File: BF136019.D

Acq: 28 Oct 2023 22:21

Tgt Ion:196 Resp: 274662

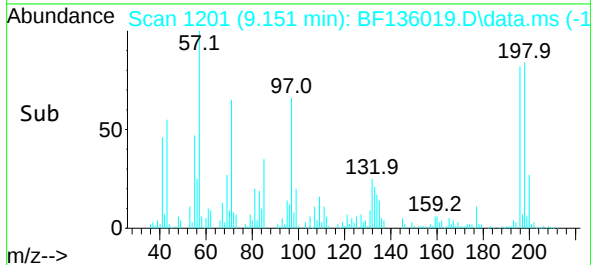
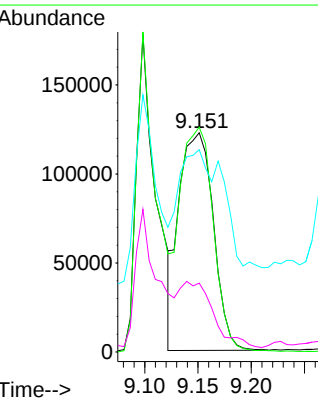
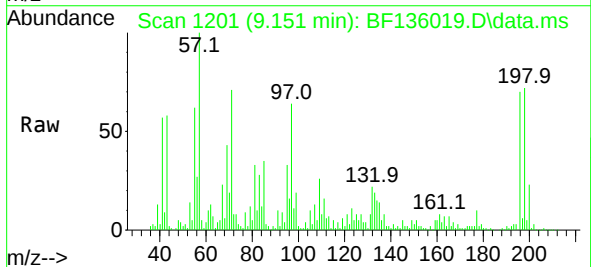
Ion Ratio Lower Upper

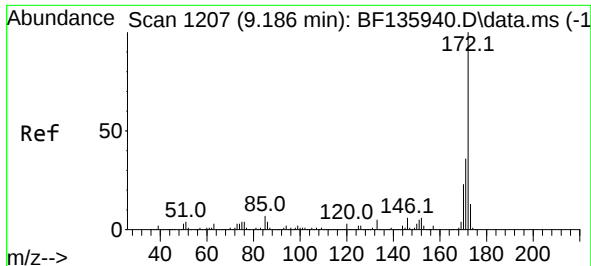
196 100

198 102.5 79.1 118.7

97 92.2 42.3 63.5#

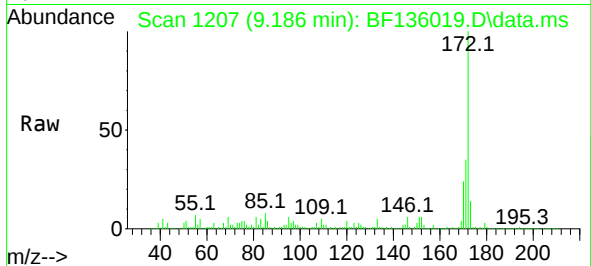
132 31.4 24.0 36.0





#45
2-Fluorobiphenyl
Concen: 118.033 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

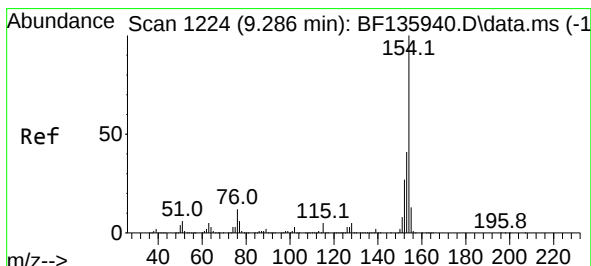
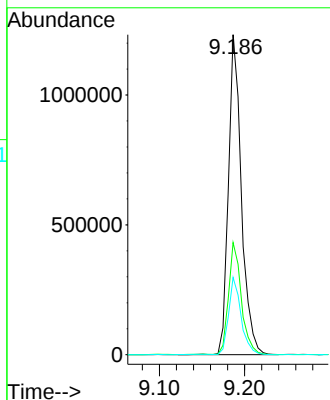
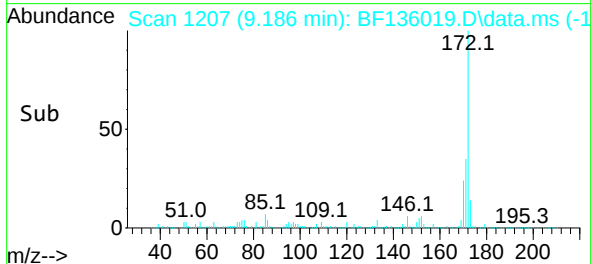
Instrument :
BNA_F
ClientSampleId :
222MS



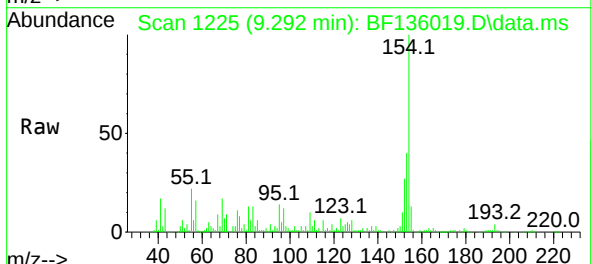
Tgt Ion:172 Resp: 130332
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 24.1 18.6 28.0

Manual Integrations
APPROVED

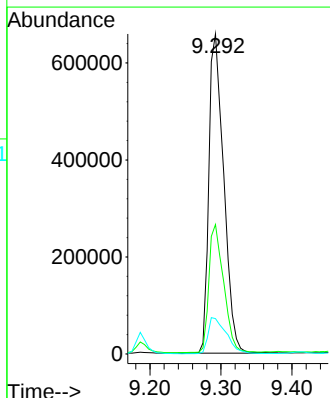
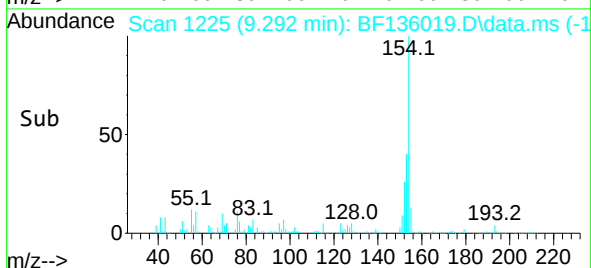
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

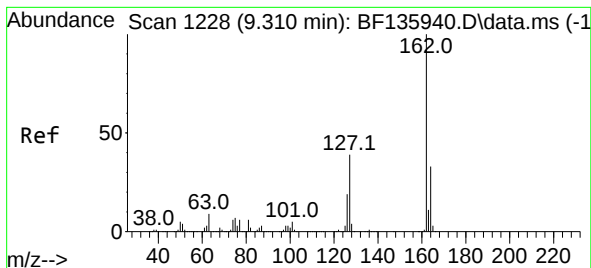


#46
1,1'-Biphenyl
Concen: 71.104 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21



Tgt Ion:154 Resp: 952609
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 11.0 0.0 32.4





#47

2-Chloronaphthalene

Concen: 69.524 ng

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136019.D

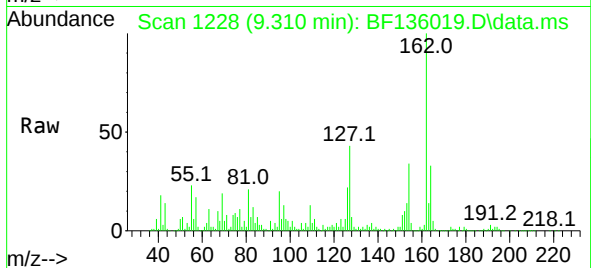
Acq: 28 Oct 2023 22:21

Instrument :

BNA_F

ClientSampleId :

222MS



Tgt Ion:162 Resp: 688952

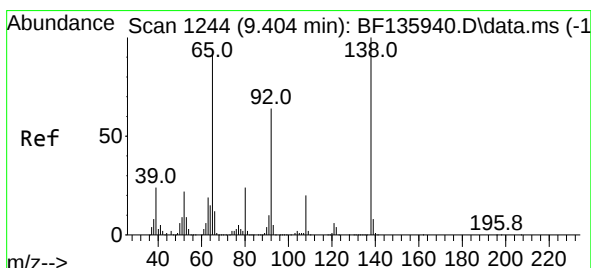
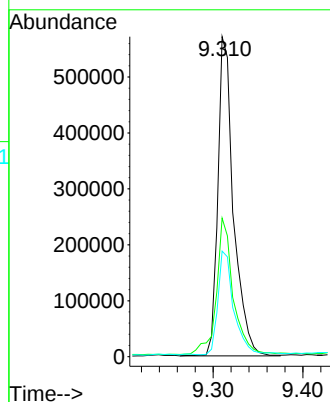
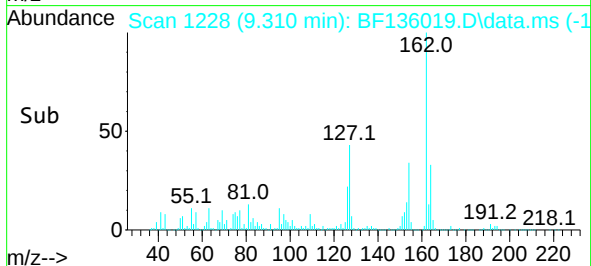
Ion	Ratio	Lower	Upper
162	100		
127	43.3	31.0	46.4
164	33.0	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#48

2-Nitroaniline

Concen: 70.634 ng

RT: 9.410 min Scan# 1245

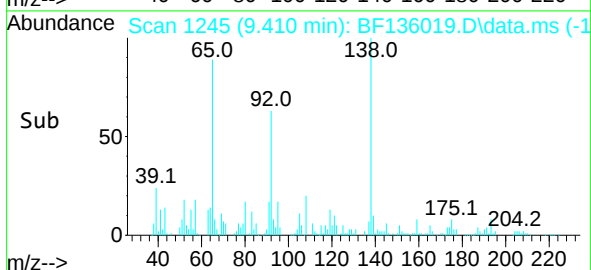
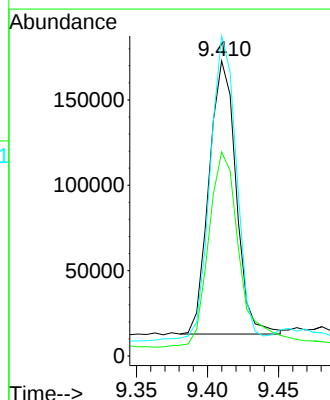
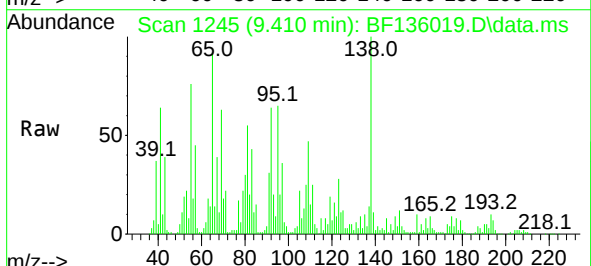
Delta R.T. 0.006 min

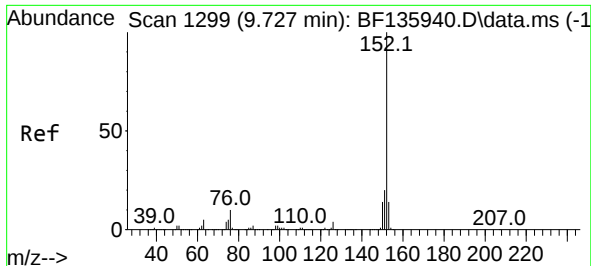
Lab File: BF136019.D

Acq: 28 Oct 2023 22:21

Tgt Ion: 65 Resp: 211335

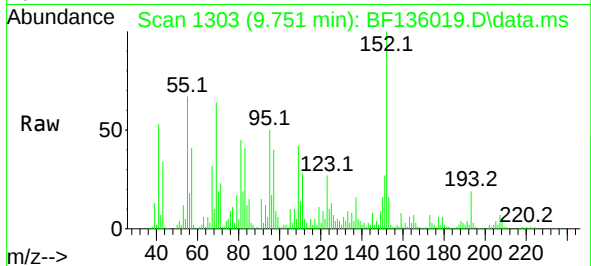
Ion	Ratio	Lower	Upper
65	100		
92	69.1	54.9	82.3
138	108.5	85.2	127.8





#49
Acenaphthylene
Concen: 57.944 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

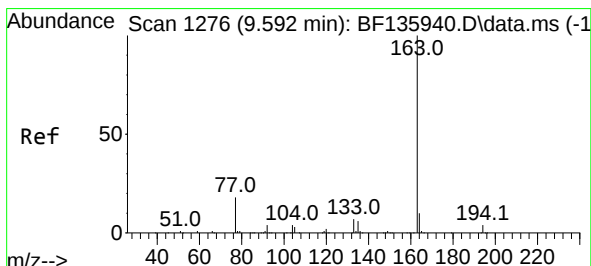
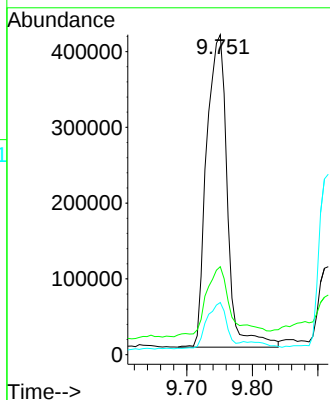
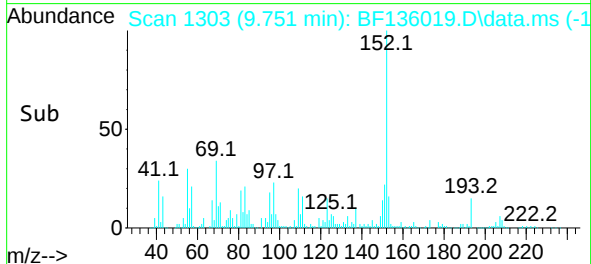
Instrument :
BNA_F
ClientSampleId :
222MS



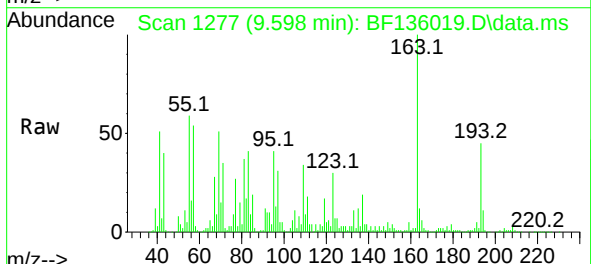
Tgt Ion:152 Resp: 90586
Ion Ratio Lower Upper
152 100
151 27.5 16.0 24.0
153 16.3 11.0 16.6

Manual Integrations
APPROVED

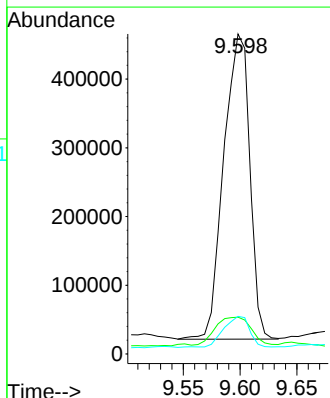
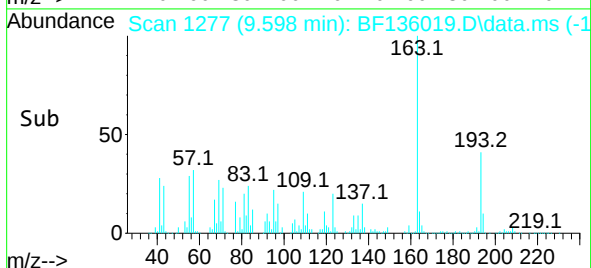
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

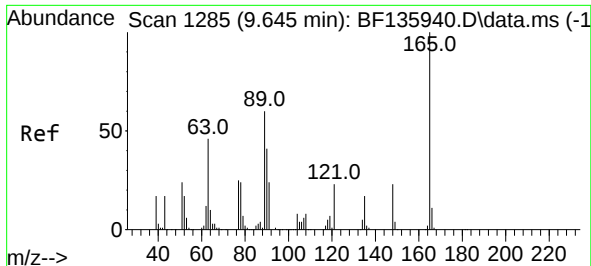


#50
Dimethylphthalate
Concen: 61.674 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21



Tgt Ion:163 Resp: 707161
Ion Ratio Lower Upper
163 100
194 11.5 3.4 5.0#
164 11.7 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 77.262 ng

RT: 9.663 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF136019.D

Acq: 28 Oct 2023 22:21

Instrument :

BNA_F

ClientSampleId :

222MS

Tgt Ion:165 Resp: 191500

Ion Ratio Lower Upper

165 100

63 43.3 51.7 77.5

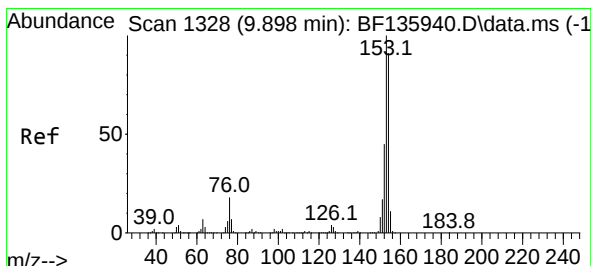
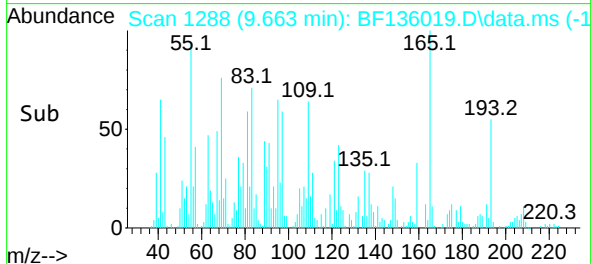
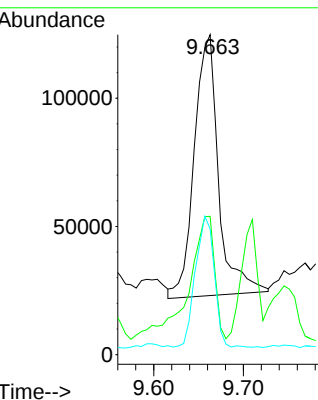
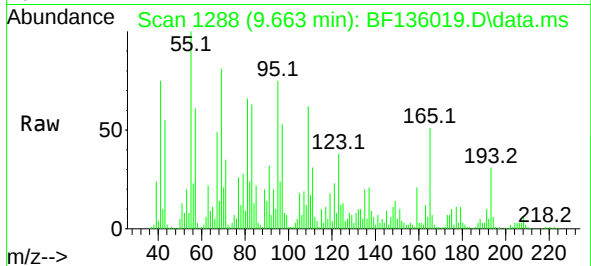
89 39.3 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#52

Acenaphthene

Concen: 51.287 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.024 min

Lab File: BF136019.D

Acq: 28 Oct 2023 22:21

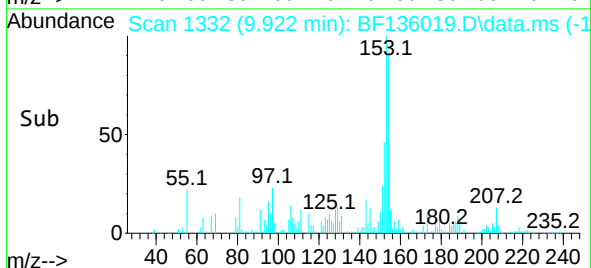
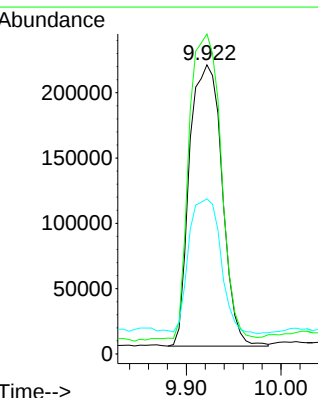
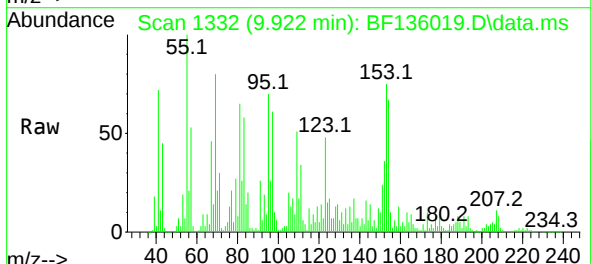
Tgt Ion:154 Resp: 513849

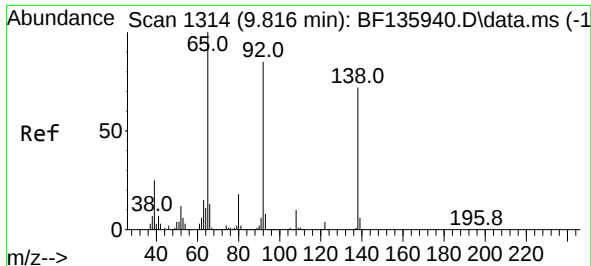
Ion Ratio Lower Upper

154 100

153 110.7 88.0 132.0

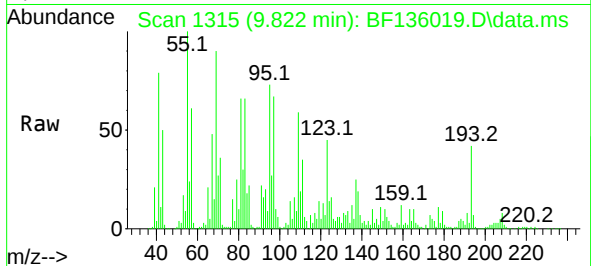
152 53.7 39.4 59.2





#53
3-Nitroaniline
Concen: 37.775 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

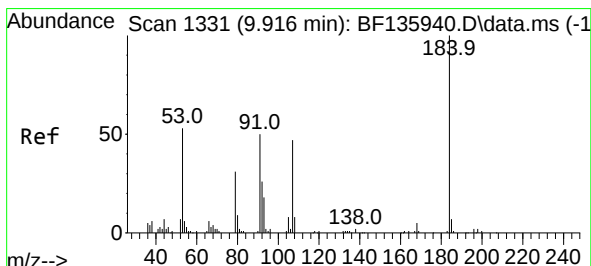
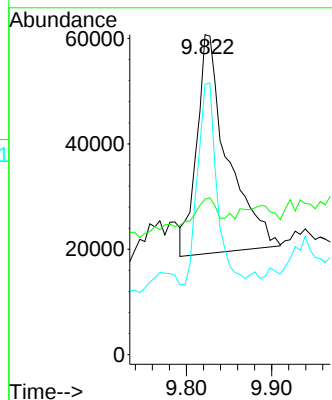
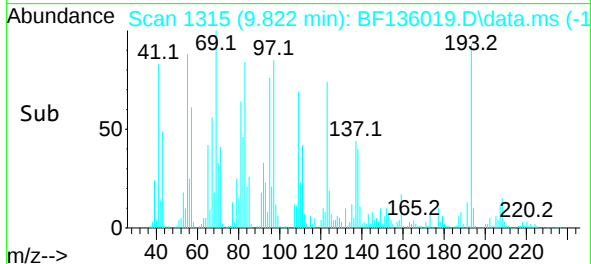
Instrument :
BNA_F
ClientSampleId :
222MS



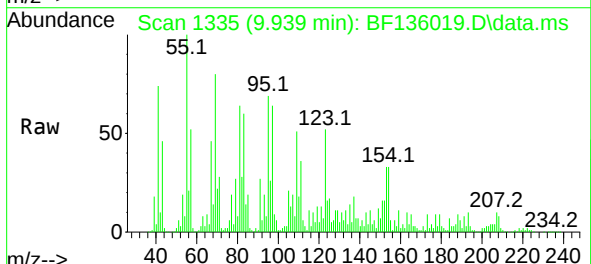
Tgt Ion:138 Resp: 10439
Ion Ratio Lower Upper
138 100
108 48.6 11.3 16.9
92 84.5 95.0 142.6

Manual Integrations
APPROVED

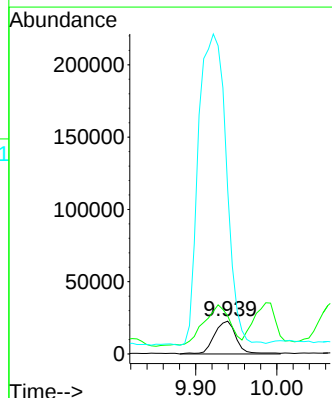
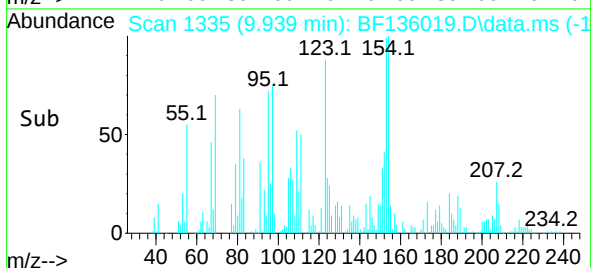
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

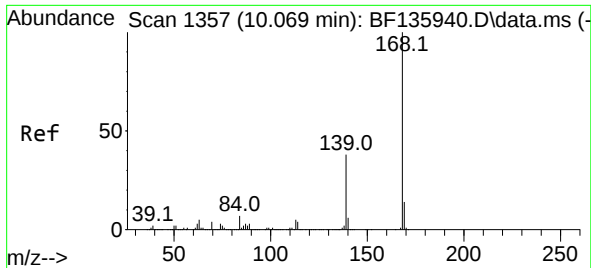


#54
2,4-Dinitrophenol
Concen: 60.474 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.023 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21



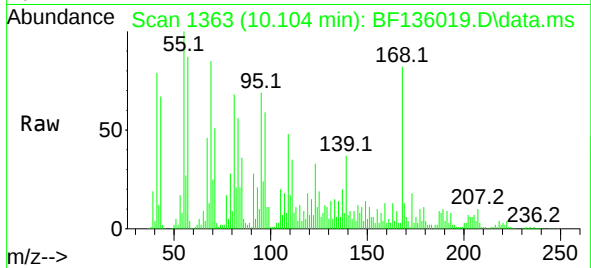
Tgt Ion:184 Resp: 42706
Ion Ratio Lower Upper
184 100
63 115.8 56.3 84.5#
154 499.0 48.1 72.1#





#55
Dibenzenofuran
Concen: 46.047 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

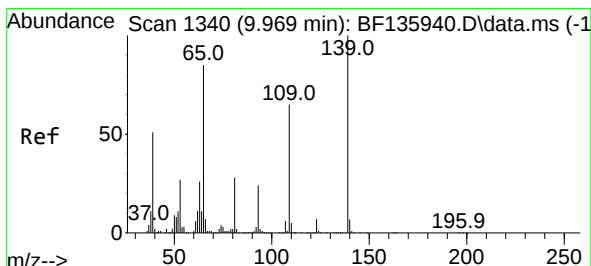
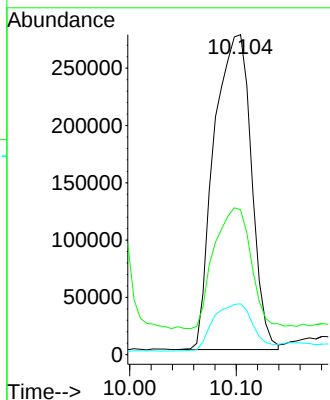
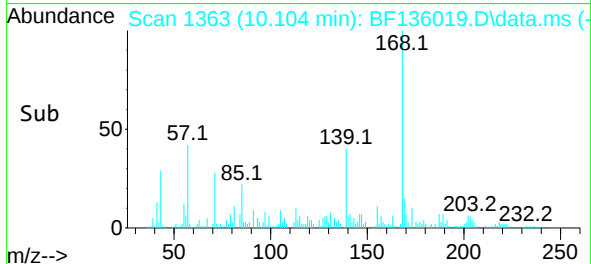
Instrument :
BNA_F
ClientSampleId :
222MS



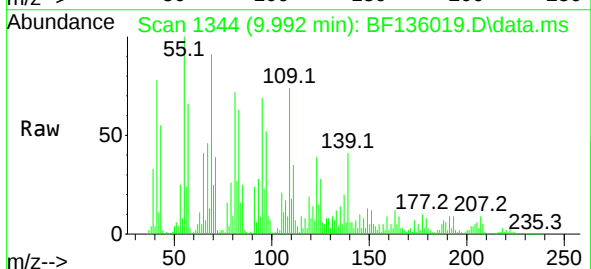
Tgt Ion:168 Resp: 666484
Ion Ratio Lower Upper
168 100
139 45.3 30.7 46.1
169 15.9 11.1 16.7

Manual Integrations
APPROVED

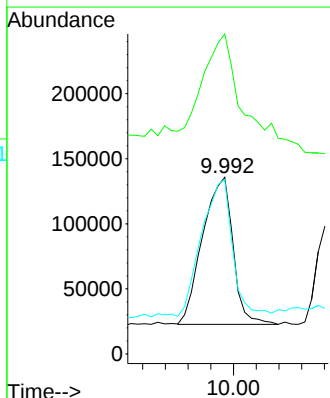
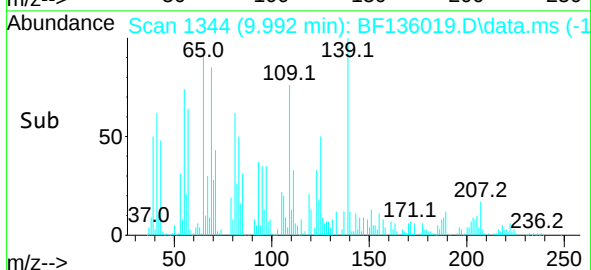
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

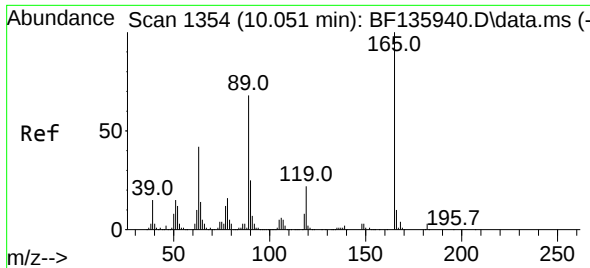


#56
4-Nitrophenol
Concen: 90.074 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.023 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21



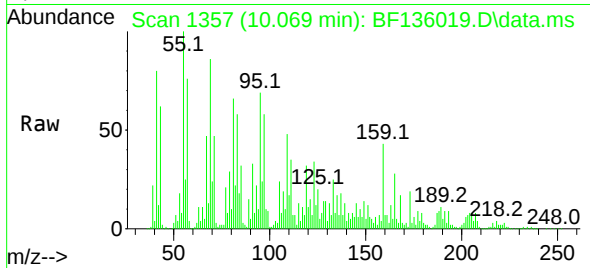
Tgt Ion:139 Resp: 210300
Ion Ratio Lower Upper
139 100
109 181.2 45.2 85.2#
65 99.0 65.1 105.1





#57
2,4-Dinitrotoluene
Concen: 41.200 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

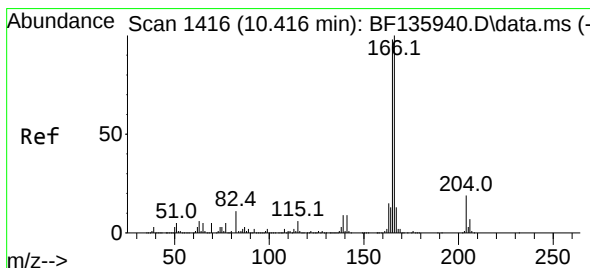
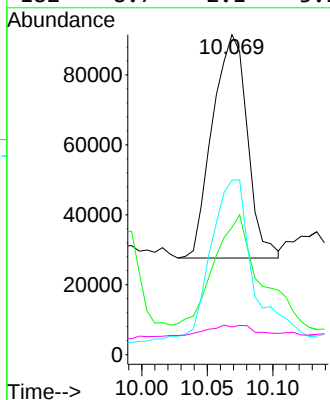
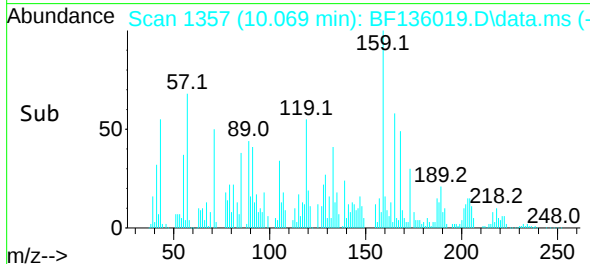
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:165 Resp: 11846
Ion Ratio Lower Upper
165 100
63 39.8 33.7 50.5
89 54.6 54.6 81.8
182 8.7 2.1 3.1#

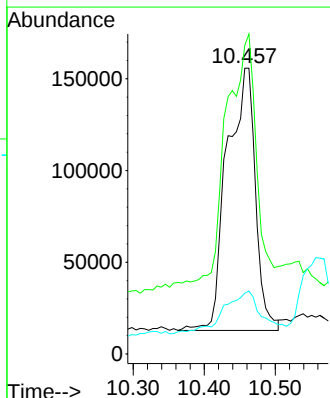
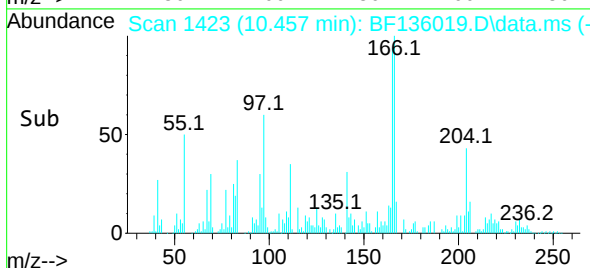
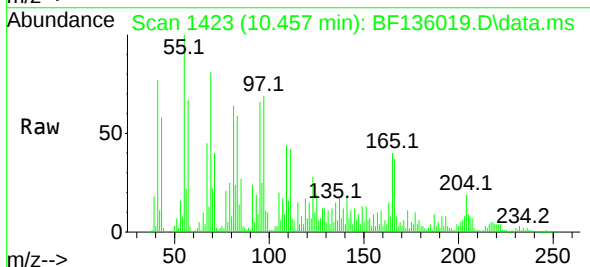
Manual Integrations
APPROVED

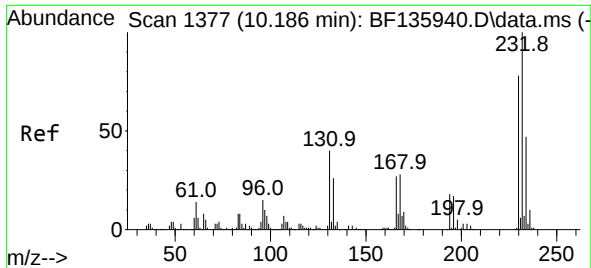
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#58
Fluorene
Concen: 36.677 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.041 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

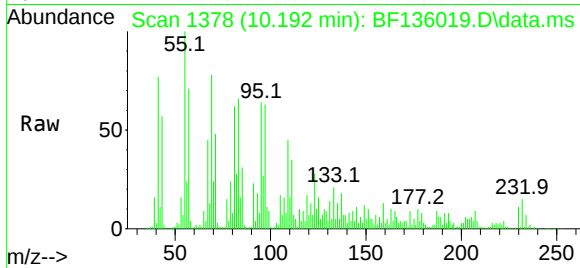
Tgt Ion:166 Resp: 397160
Ion Ratio Lower Upper
166 100
165 107.9 78.0 117.0
167 21.2 10.6 16.0#





#59
2,3,4,6-Tetrachlorophenol
Concen: 105.129 ng m
RT: 10.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

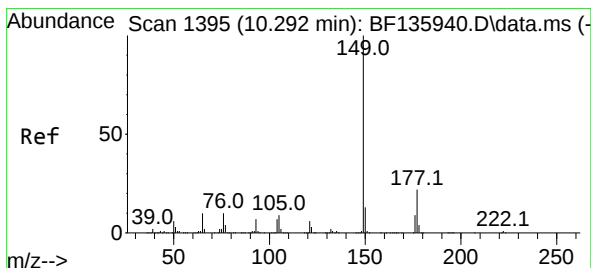
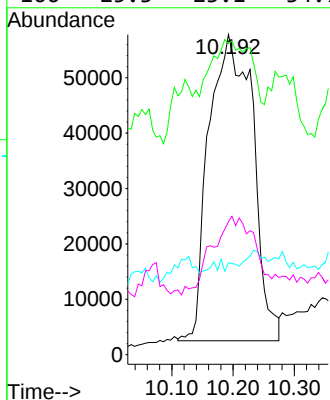
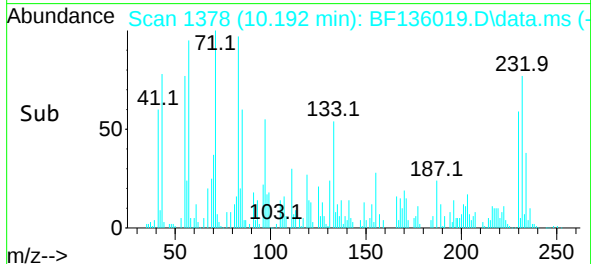
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:232 Resp: 27453
Ion Ratio Lower Upper
232 100
131 29.8 35.2 52.8
130 0.0 1.7 2.5
166 25.3 23.1 34.7

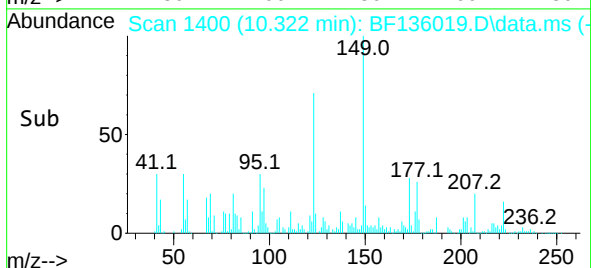
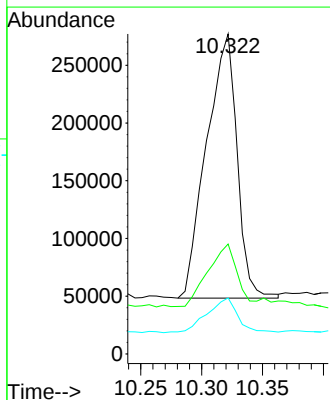
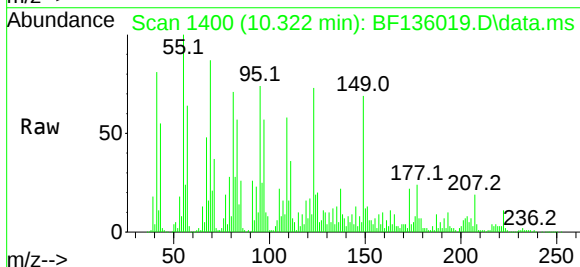
Manual Integrations
APPROVED

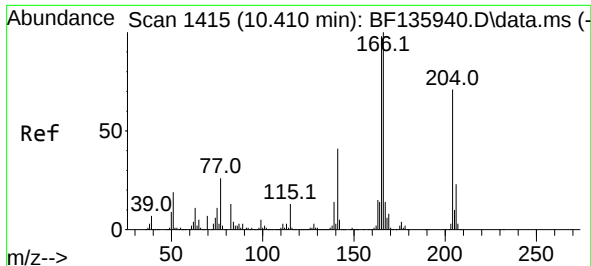
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#60
Diethylphthalate
Concen: 36.479 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.029 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

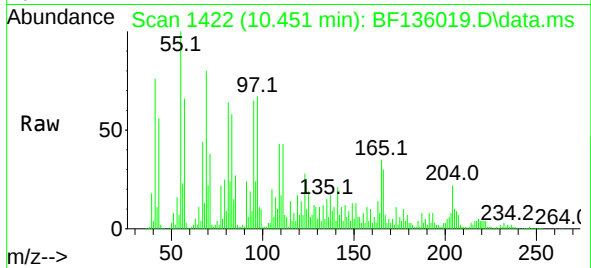
Tgt Ion:149 Resp: 398858
Ion Ratio Lower Upper
149 100
177 34.4 17.9 26.9#
150 17.5 10.2 15.2#





#61
4-Chlorophenyl-phenylether
Concen: 40.759 ng
RT: 10.451 min Scan# 1415
Delta R.T. 0.041 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

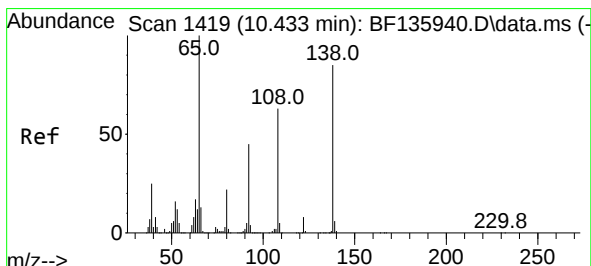
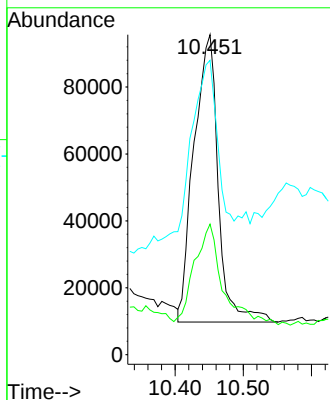
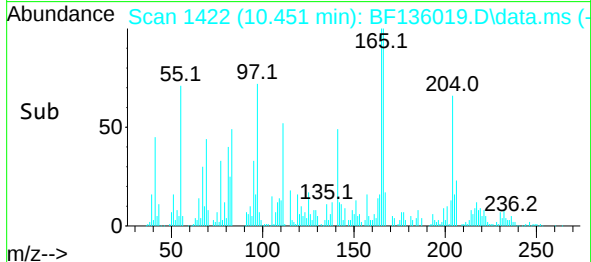
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:204 Resp: 21290
Ion Ratio Lower Upper
204 100
206 40.8 26.4 39.6
141 92.0 46.2 69.2

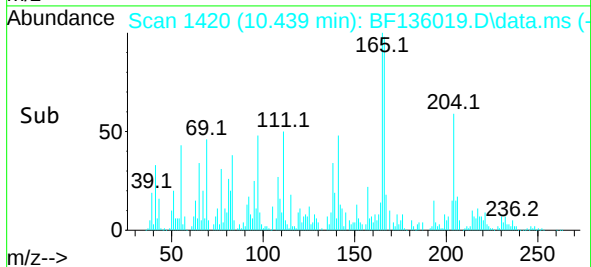
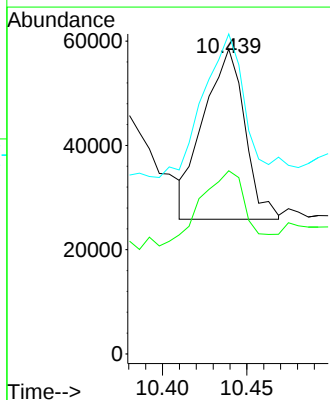
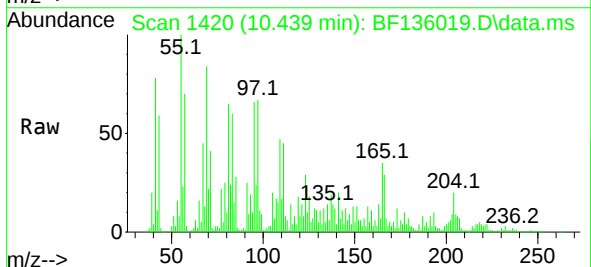
Manual Integrations
APPROVED

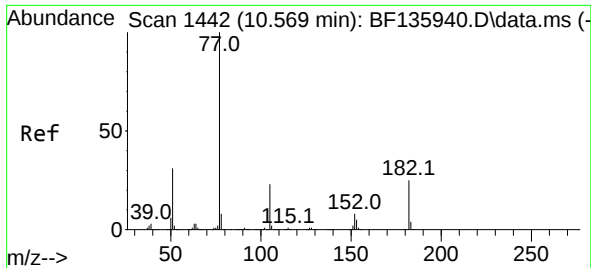
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#62
4-Nitroaniline
Concen: 22.389 ng m
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

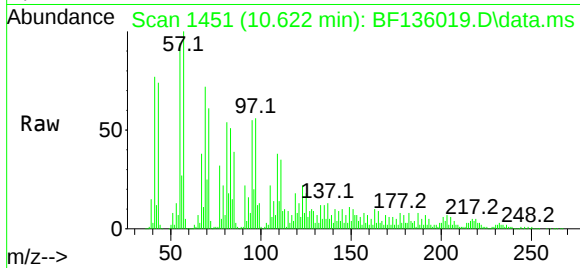
Tgt Ion:138 Resp: 55319
Ion Ratio Lower Upper
138 100
92 60.1 32.9 72.9
108 104.9 53.5 93.5





#63
Azobenzene
Concen: 20.696 ng
RT: 10.622 min Scan# 1442
Delta R.T. 0.053 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

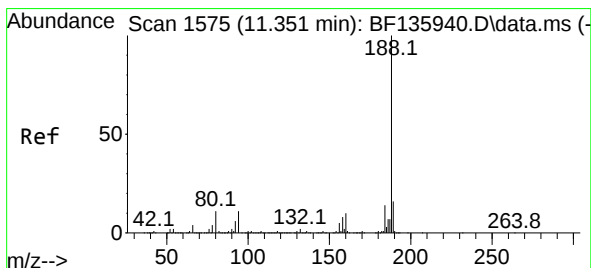
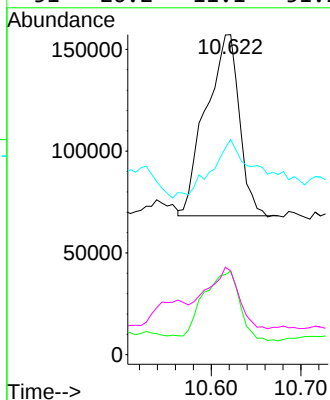
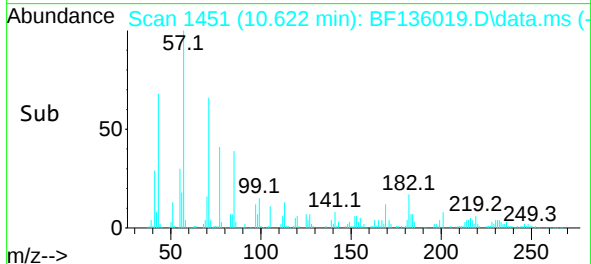
Instrument :
BNA_F
ClientSampleId :
222MS



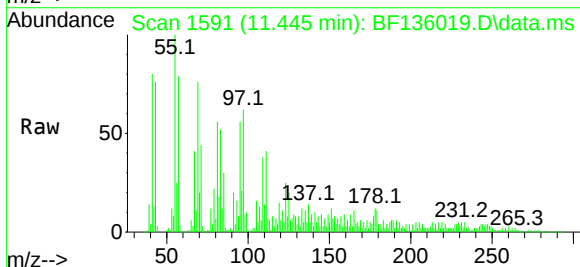
Tgt Ion: 77 Resp: 22964
Ion Ratio Lower Upper
77 100
182 26.1 5.1 45.1
105 67.3 2.8 42.8
51 26.2 11.1 51.1

Manual Integrations
APPROVED

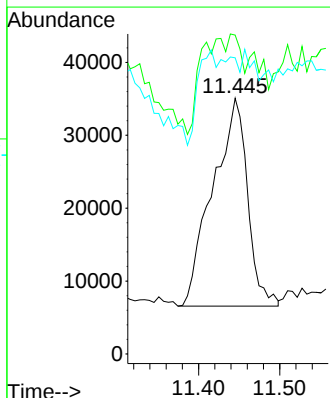
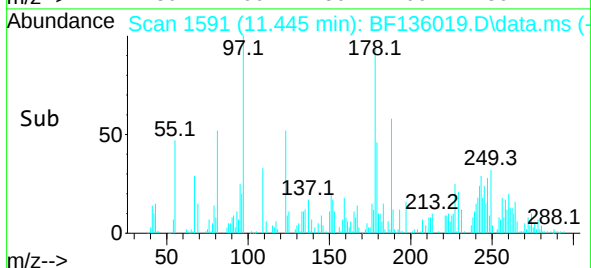
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

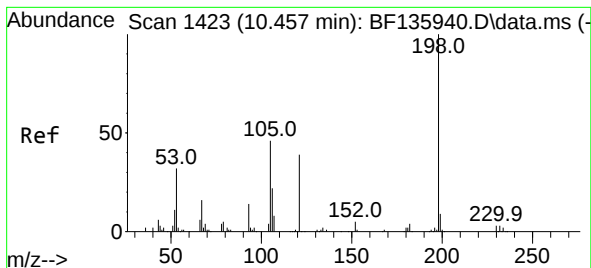


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.094 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21



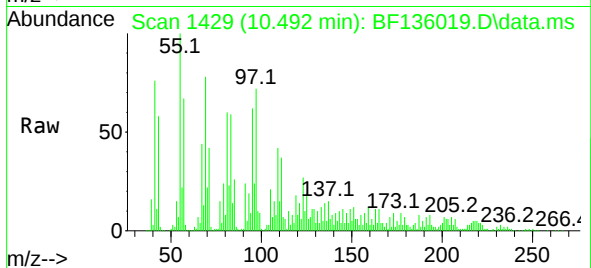
Tgt Ion:188 Resp: 84840
Ion Ratio Lower Upper
188 100
94 124.7 8.6 13.0#
80 115.8 9.0 13.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 69.072 ng
RT: 10.492 min Scan# 1441
Delta R.T. 0.035 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

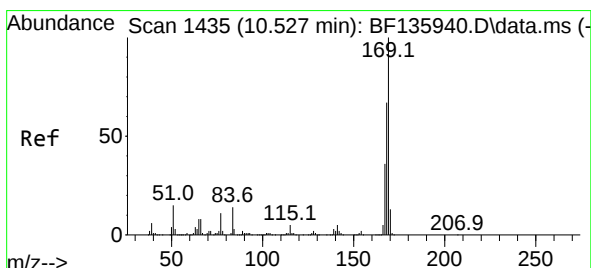
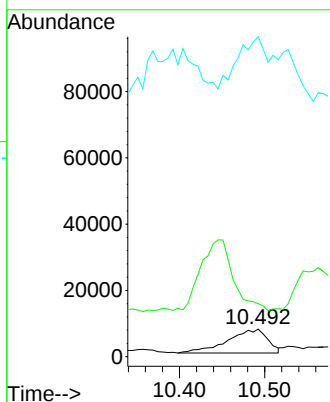
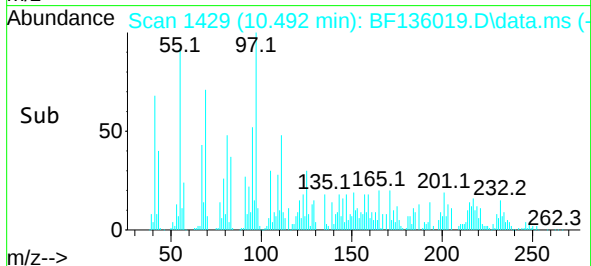
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:198 Resp: 23270
Ion Ratio Lower Upper
198 100
51 192.3 28.7 68.7
105 1161.5 27.2 67.2

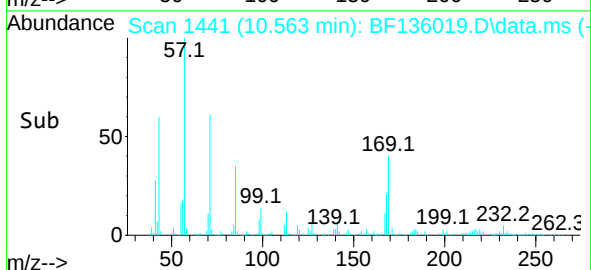
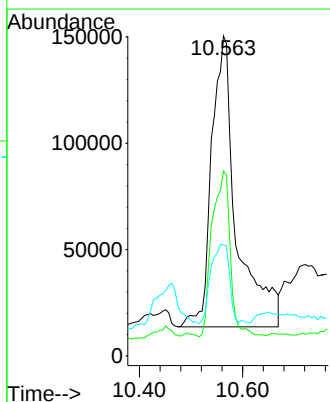
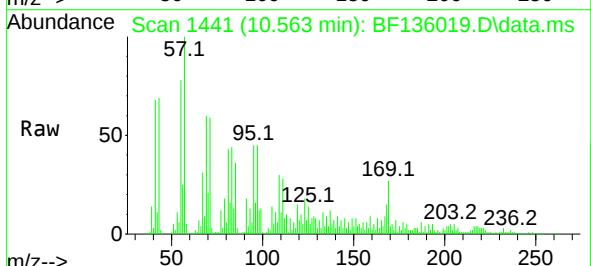
Manual Integrations
APPROVED

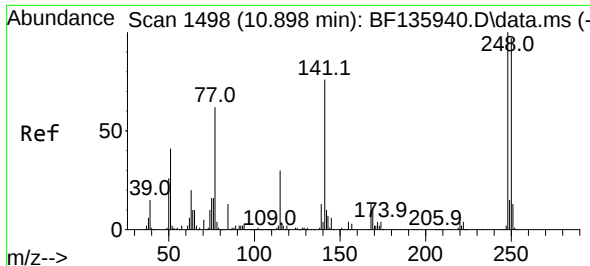
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#66
n-Nitrosodiphenylamine
Concen: 179.161 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.035 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

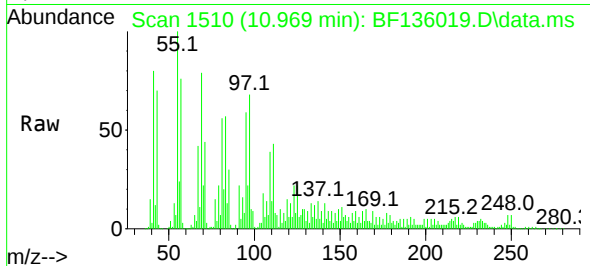
Tgt Ion:169 Resp: 459193
Ion Ratio Lower Upper
169 100
168 57.8 53.5 80.3
167 34.7 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 92.866 ng
RT: 10.969 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

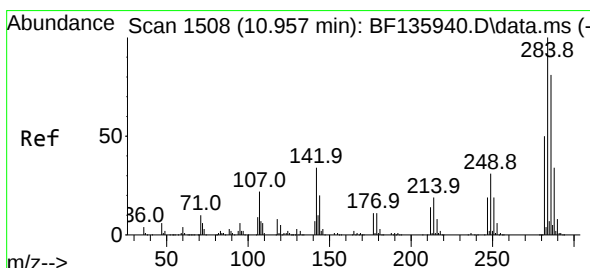
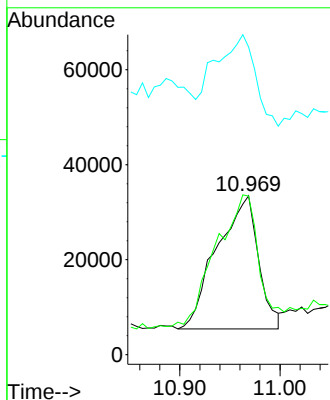
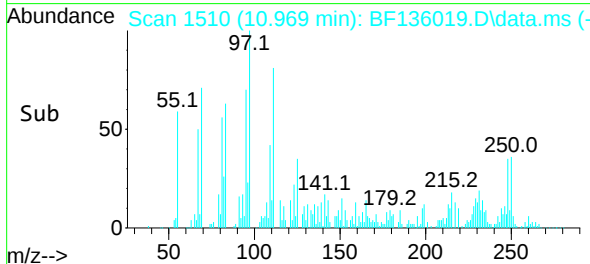
Instrument :
BNA_F
ClientSampleId :
222MS



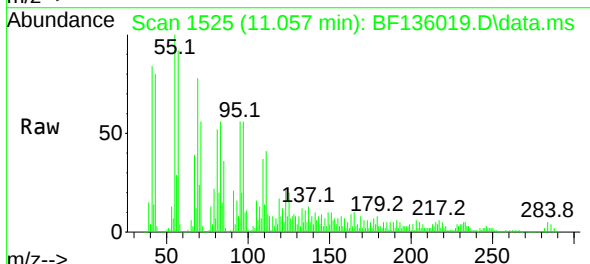
Tgt Ion:248 Resp: 8068
Ion Ratio Lower Upper
248 100
250 99.8 77.9 116.9
141 193.7 60.8 91.2

Manual Integrations
APPROVED

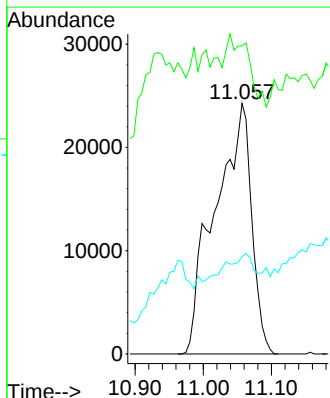
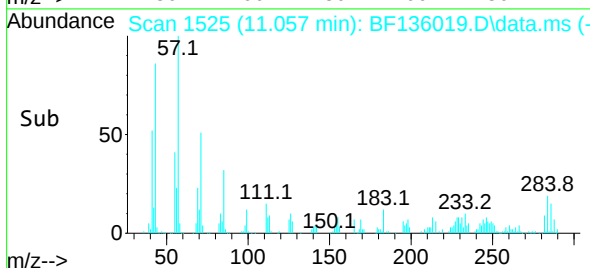
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

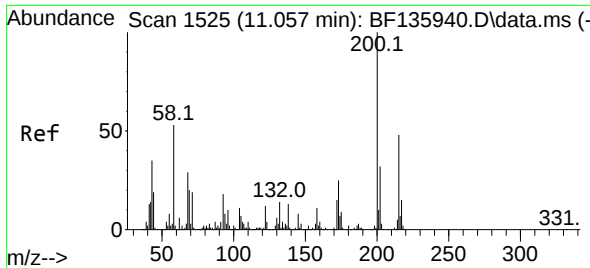


#68
Hexachlorobenzene
Concen: 96.908 ng
RT: 11.057 min Scan# 1525
Delta R.T. 0.100 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21



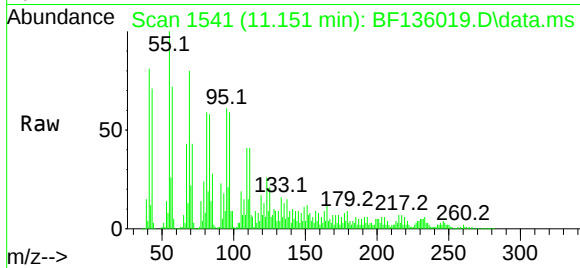
Tgt Ion:284 Resp: 89945
Ion Ratio Lower Upper
284 100
142 123.0 27.6 41.4#
249 38.9 24.7 37.1#





#69
 Atrazine
 Concen: 91.528 ng
 RT: 11.151 min Scan# 111
 Delta R.T. 0.094 min
 Lab File: BF136019.D
 Acq: 28 Oct 2023 22:21

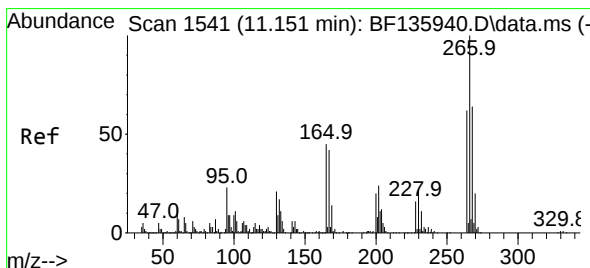
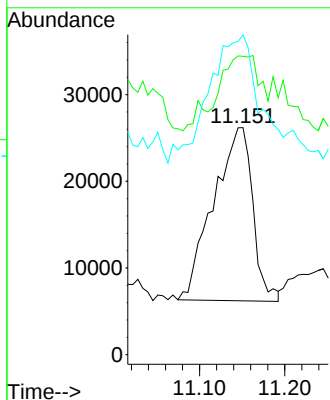
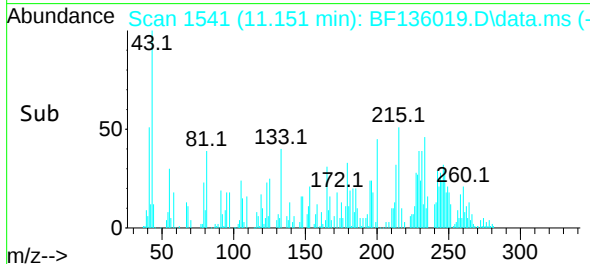
Instrument :
 BNA_F
 ClientSampleId :
 222MS



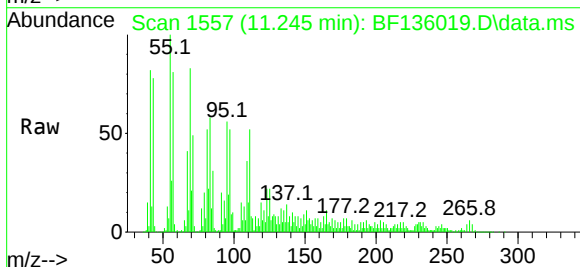
Tgt Ion:200 Resp: 63950
 Ion Ratio Lower Upper
 200 100
 173 131.5 5.5 45.5
 215 141.0 27.5 67.5

Manual Integrations
 APPROVED

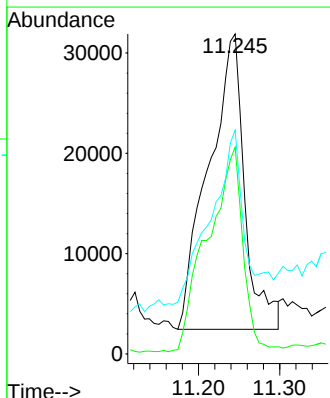
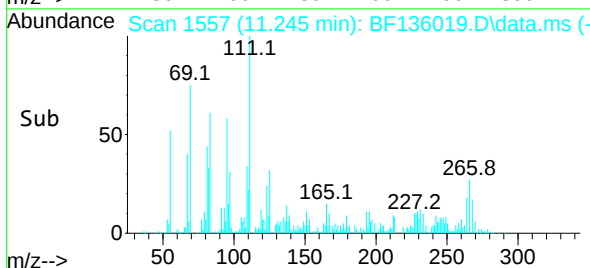
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

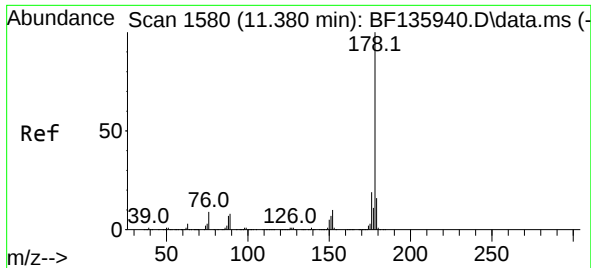


#70
 Pentachlorophenol
 Concen: 150.428 ng
 RT: 11.245 min Scan# 1557
 Delta R.T. 0.094 min
 Lab File: BF136019.D
 Acq: 28 Oct 2023 22:21



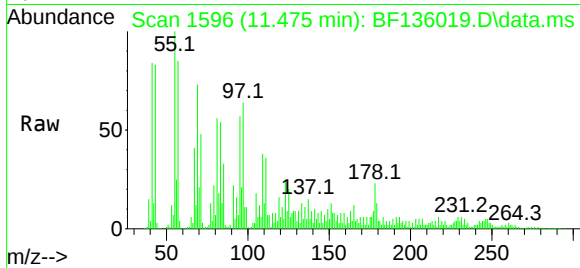
Tgt Ion:266 Resp: 90833
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.8 76.2
 264 70.0 49.8 74.6





#71
Phenanthrene
Concen: 73.873 ng
RT: 11.475 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

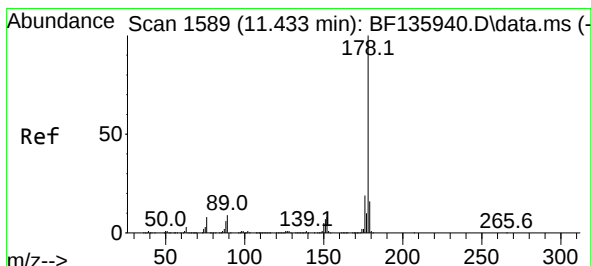
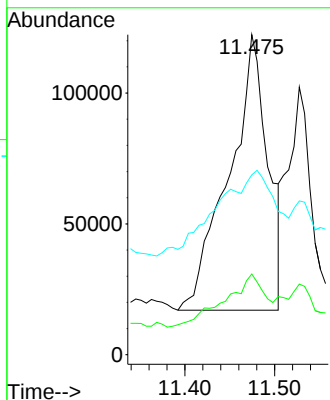
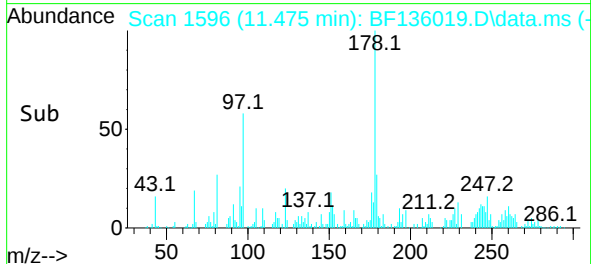
Instrument :
BNA_F
ClientSampleId :
222MS



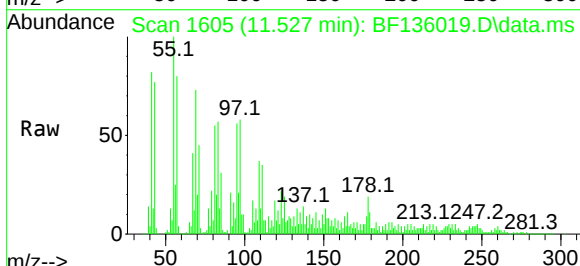
Tgt Ion:178 Resp: 31708
Ion Ratio Lower Upper
178 100
176 25.2 15.4 23.2
179 56.2 12.5 18.7

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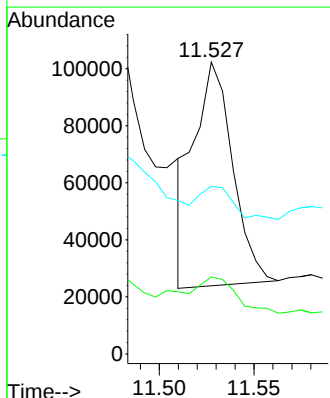
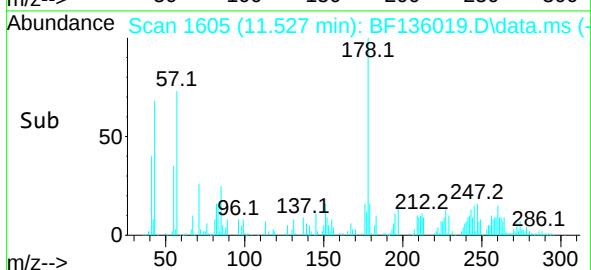
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

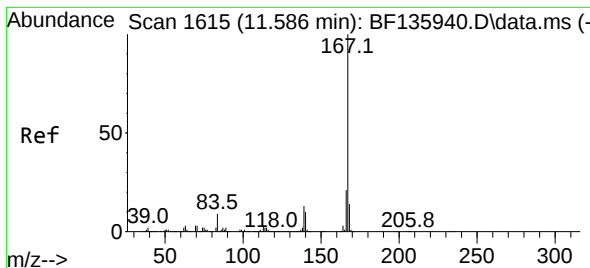


#72
Anthracene
Concen: 25.498 ng
RT: 11.527 min Scan# 1605
Delta R.T. 0.094 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21



Tgt Ion:178 Resp: 112061
Ion Ratio Lower Upper
178 100
176 26.4 14.9 22.3#
179 57.4 12.5 18.7#





#73

Carbazole

Concen: 46.476 ng

RT: 11.663 min Scan# 1628

Delta R.T. 0.077 min

Lab File: BF136019.D

Acq: 28 Oct 2023 22:21

Instrument :

BNA_F

ClientSampleId :

222MS

Tgt Ion:167 Resp: 18221

Ion Ratio Lower Upper

167 100

166 38.7 17.0 25.6

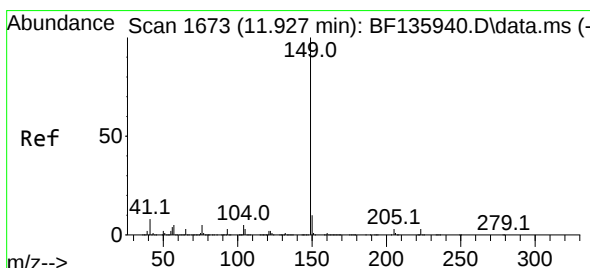
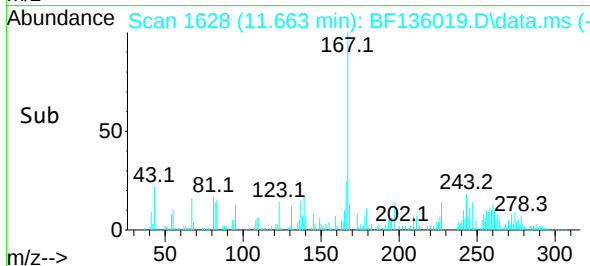
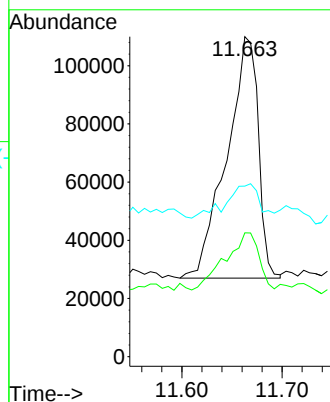
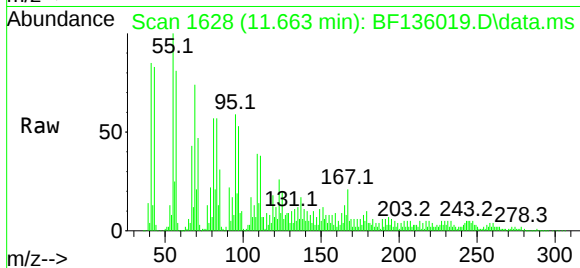
139 53.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#74

Di-n-butylphthalate

Concen: 67.023 ng

RT: 12.016 min Scan# 1688

Delta R.T. 0.088 min

Lab File: BF136019.D

Acq: 28 Oct 2023 22:21

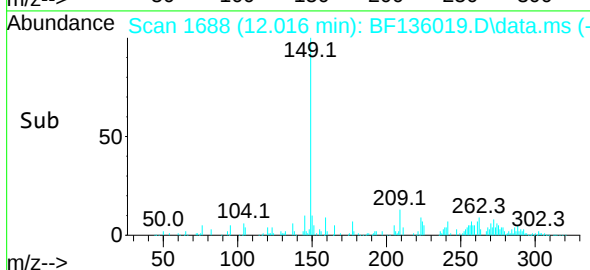
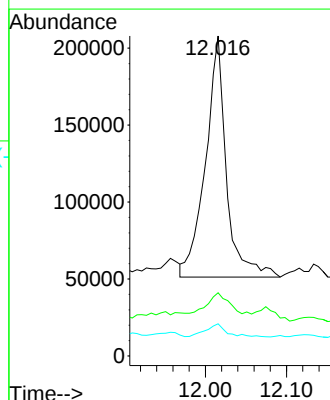
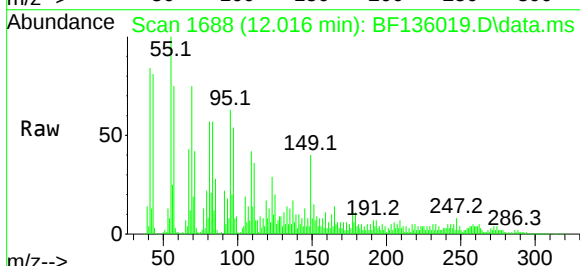
Tgt Ion:149 Resp: 279611

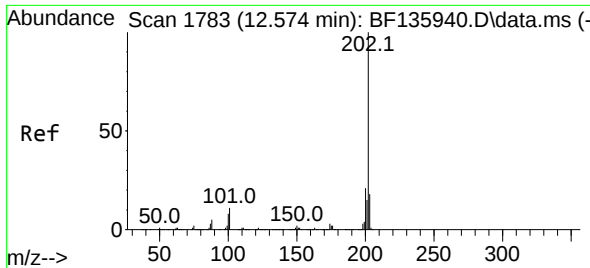
Ion Ratio Lower Upper

149 100

150 19.8 7.7 11.5#

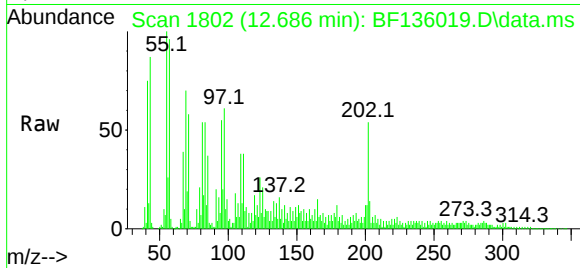
104 10.0 3.9 5.9#





#75
Fluoranthene
Concen: 60.477 ng
RT: 12.686 min Scan# 11
Delta R.T. 0.112 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

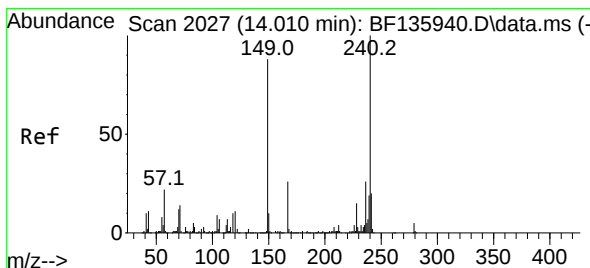
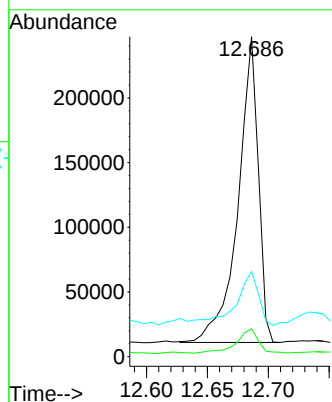
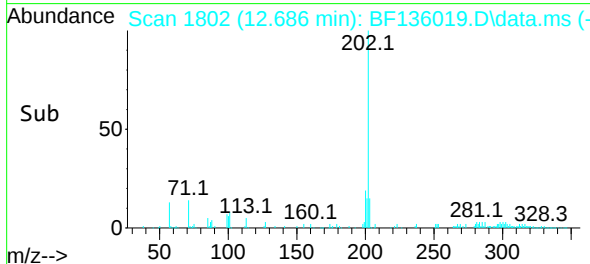
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:202 Resp: 273095
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.6
203 26.6 0.0 37.5

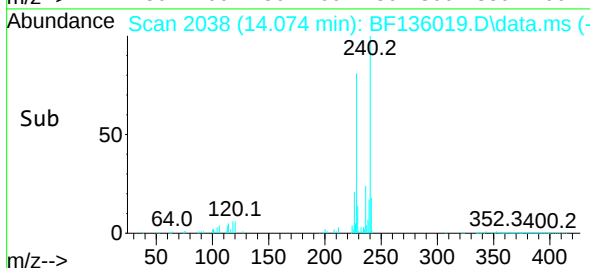
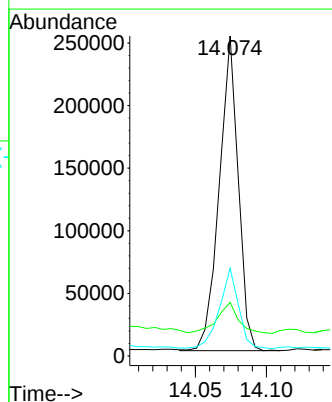
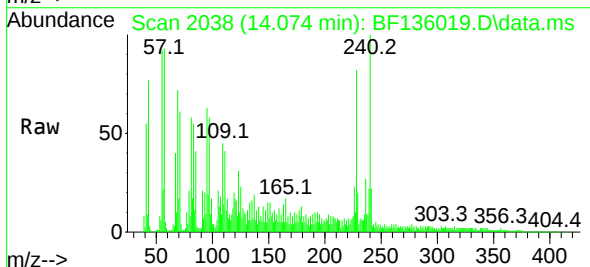
Manual Integrations
APPROVED

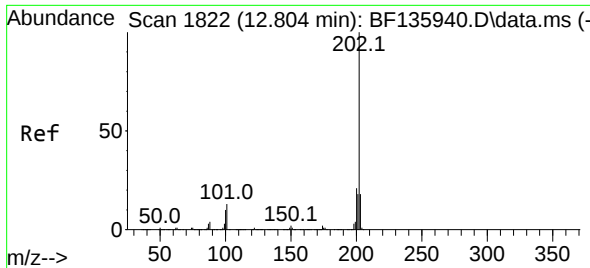
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.065 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

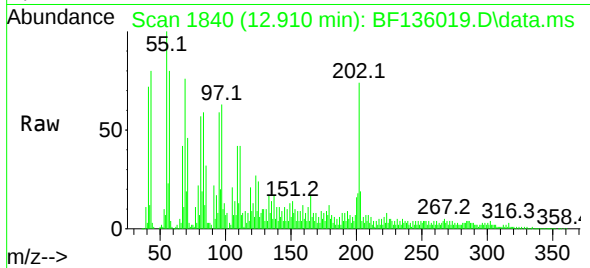
Tgt Ion:240 Resp: 233184
Ion Ratio Lower Upper
240 100
120 16.8 8.6 13.0#
236 27.5 20.6 30.8





#78
Pyrene
Concen: 17.085 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.106 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

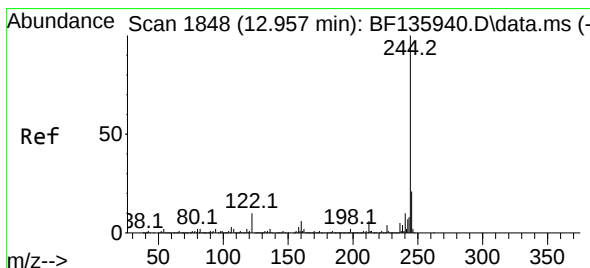
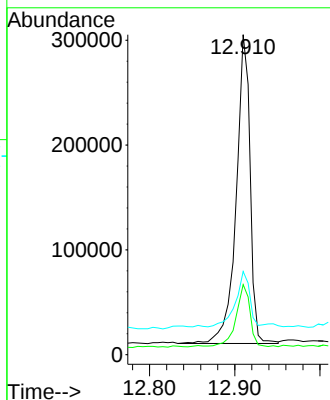
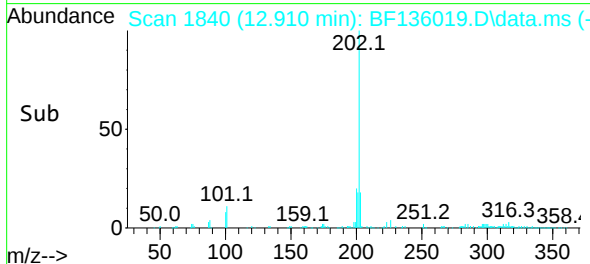
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:202 Resp: 33451
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.6
203 26.0 14.5 21.7

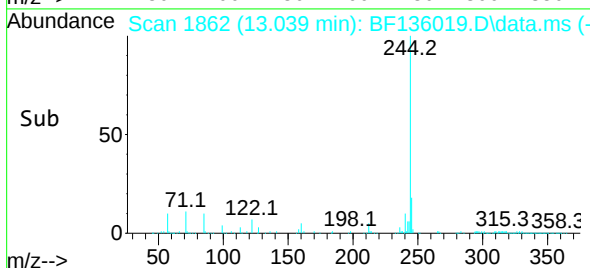
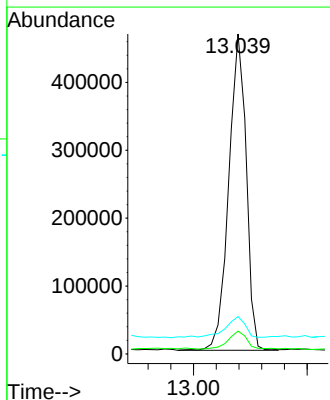
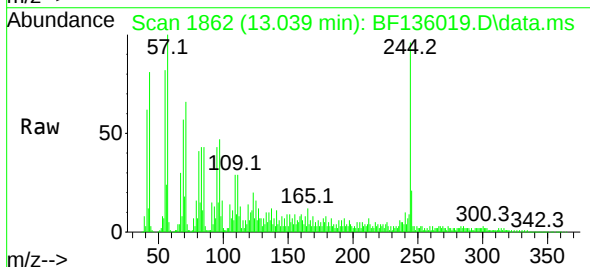
Manual Integrations
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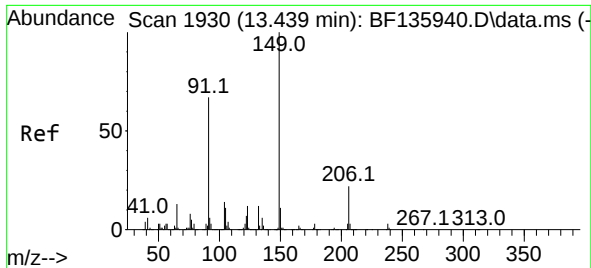
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#79
Terphenyl-d14
Concen: 35.584 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.082 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

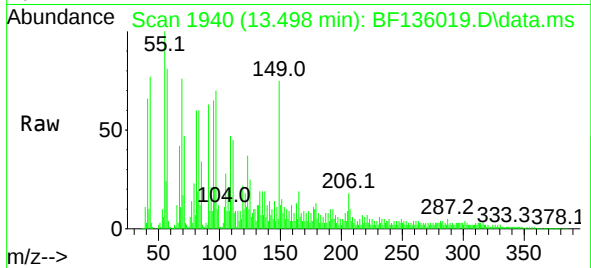
Tgt Ion:244 Resp: 496635
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.6
122 11.7 8.0 12.0





#80
Butylbenzylphthalate
Concen: 29.912 ng
RT: 13.498 min Scan# 1930
Delta R.T. 0.059 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

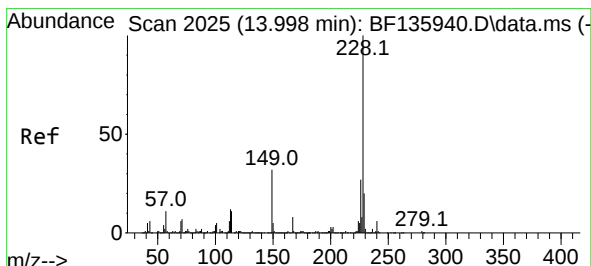
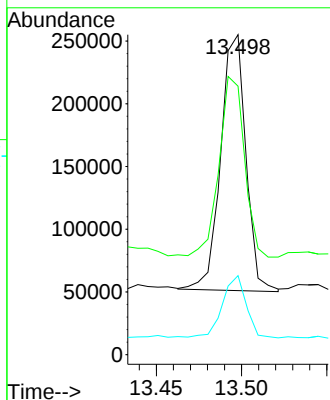
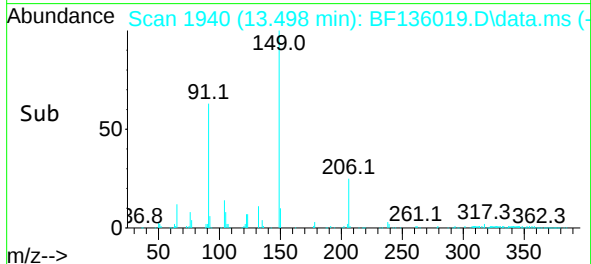
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:149 Resp: 20974
Ion Ratio Lower Upper
149 100
91 83.9 53.4 80.0
206 24.7 17.5 26.3

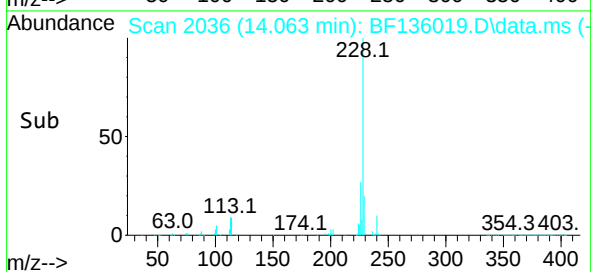
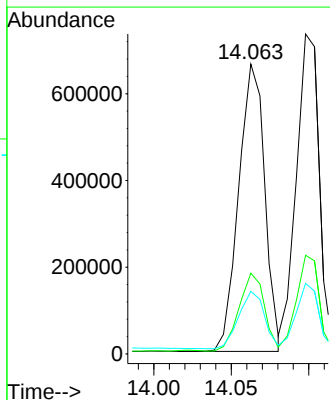
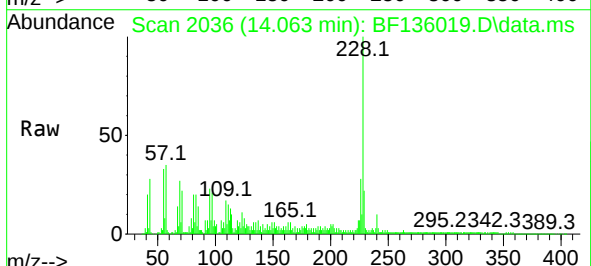
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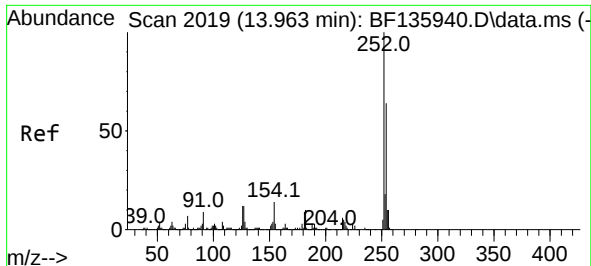
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#81
Benzo(a)anthracene
Concen: 48.939 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.065 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

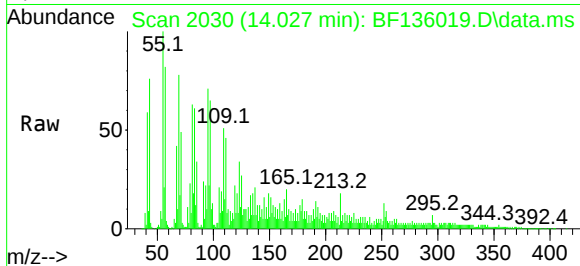
Tgt Ion:228 Resp: 775939
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.6
229 21.6 16.2 24.4





#82
3,3'-Dichlorobenzidine
Concen: 7.053 ng
RT: 14.027 min Scan# 2019
Delta R.T. 0.065 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

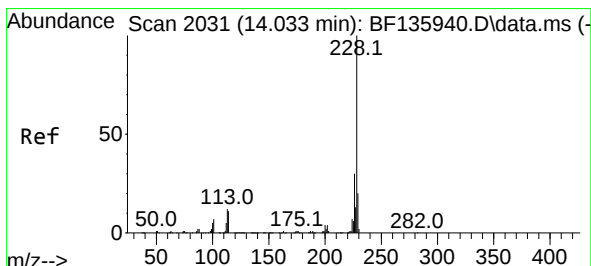
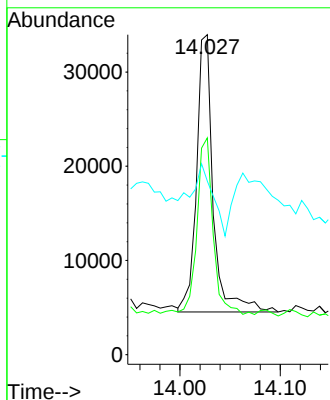
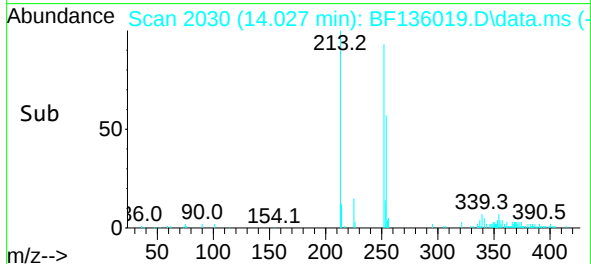
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:252 Resp: 3402
Ion Ratio Lower Upper
252 100
254 67.7 50.9 76.3
126 54.3 9.8 14.6

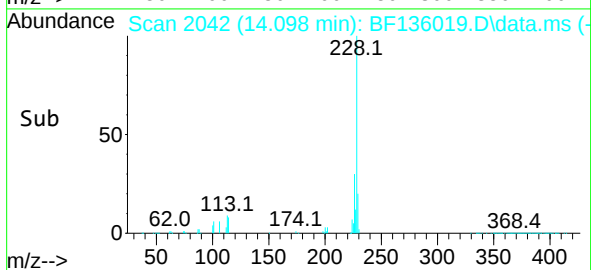
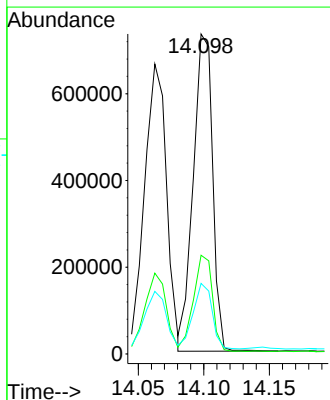
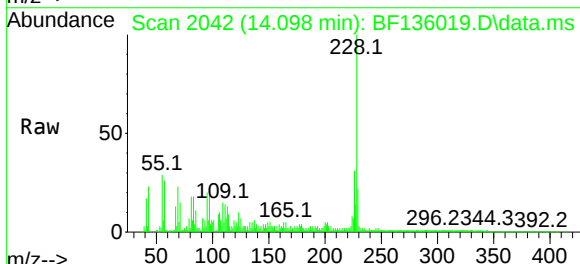
Manual Integrations
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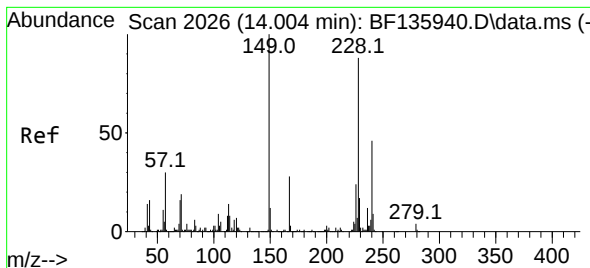
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#83
Chrysene
Concen: 48.794 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.065 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

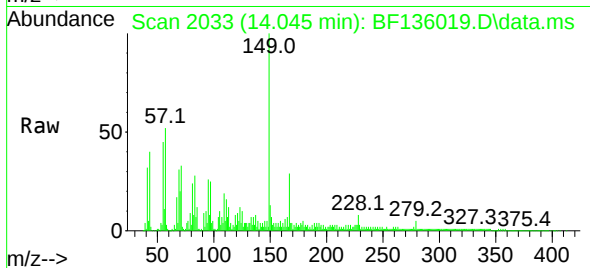
Tgt Ion:228 Resp: 753500
Ion Ratio Lower Upper
228 100
226 30.9 23.9 35.9
229 22.1 16.2 24.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 61.096 ng
RT: 14.045 min Scan# 2026
Delta R.T. 0.041 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

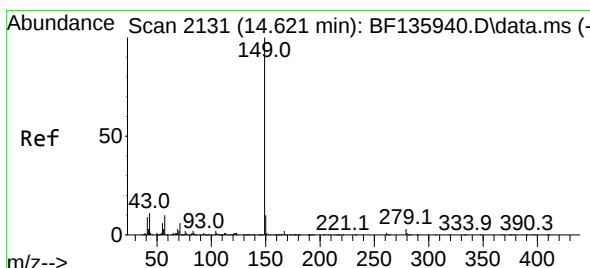
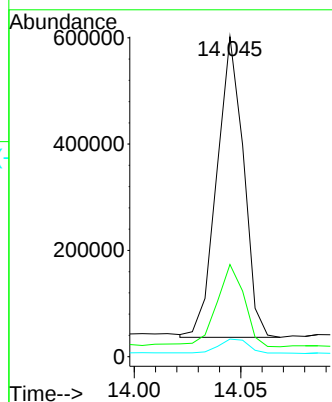
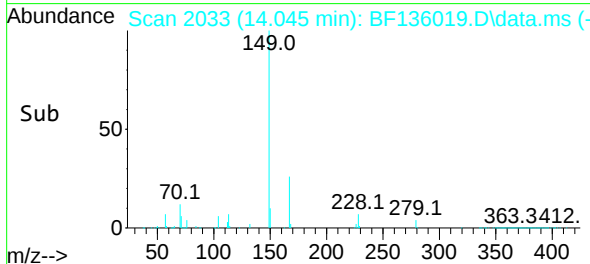
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:149 Resp: 491894
Ion Ratio Lower Upper
149 100
167 28.8 22.2 33.2
279 5.5 3.1 4.7

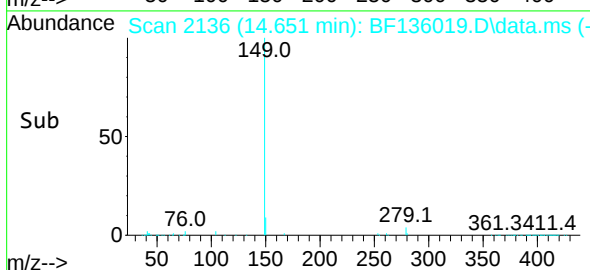
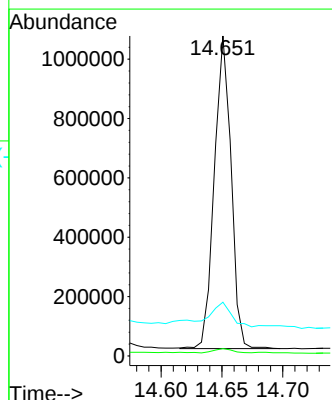
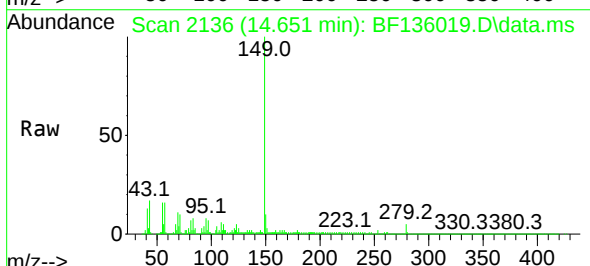
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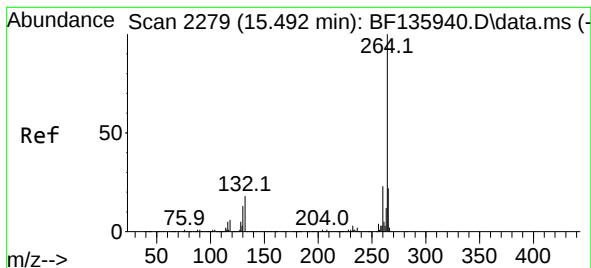
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#85
Di-n-octyl phthalate
Concen: 79.617 ng
RT: 14.651 min Scan# 2136
Delta R.T. 0.030 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

Tgt Ion:149 Resp: 1009771
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF136019.D

Acq: 28 Oct 2023 22:21

Instrument :

BNA_F

ClientSampleId :

222MS

Tgt Ion:264 Resp: 226864

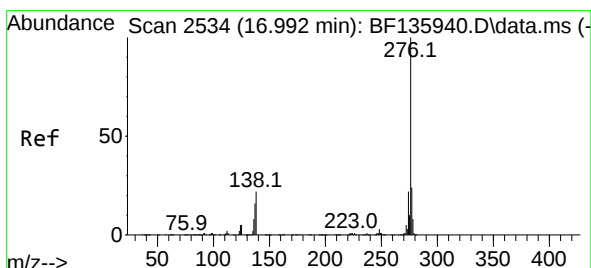
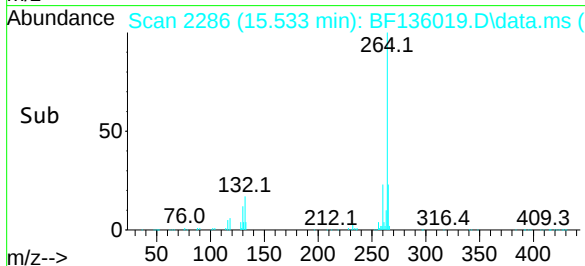
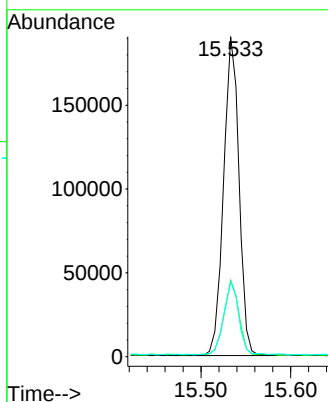
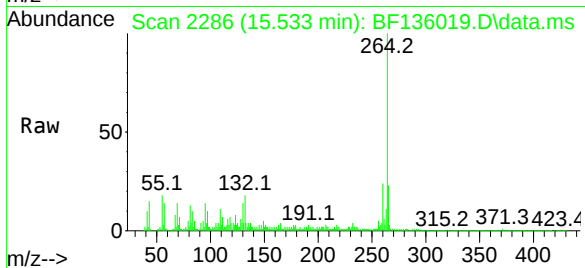
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	23.5	17.3	25.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 40.961 ng

RT: 17.033 min Scan# 2541

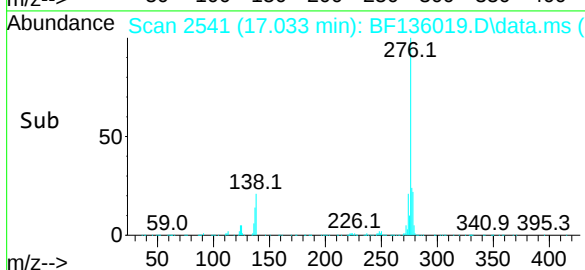
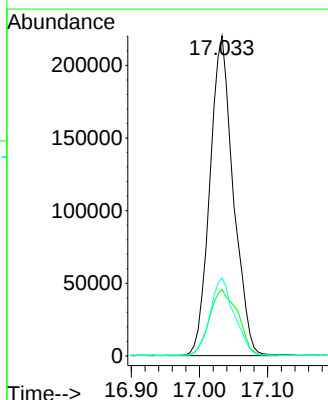
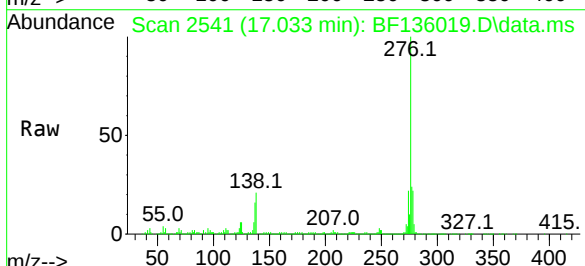
Delta R.T. 0.041 min

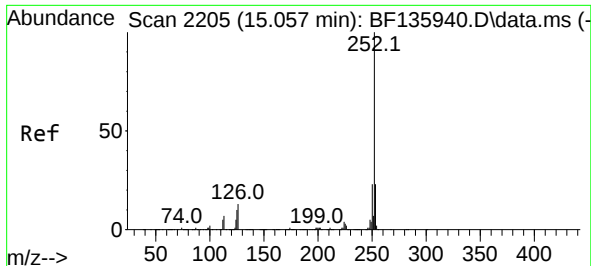
Lab File: BF136019.D

Acq: 28 Oct 2023 22:21

Tgt Ion:276 Resp: 526920

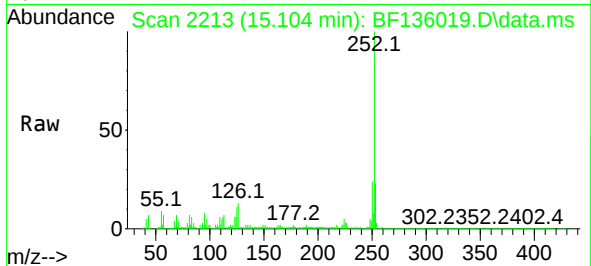
Ion	Ratio	Lower	Upper
276	100		
138	24.5	21.8	32.6
277	25.3	20.0	30.0





#88
Benzo(b)fluoranthene
Concen: 65.974 ng
RT: 15.104 min Scan# 2118
Delta R.T. 0.047 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

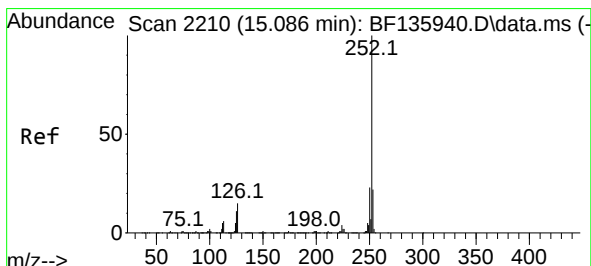
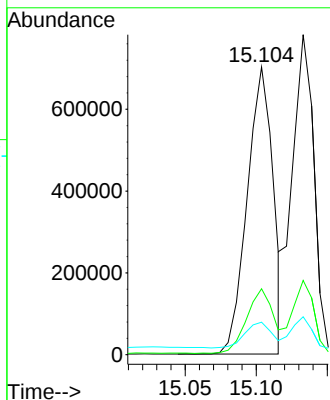
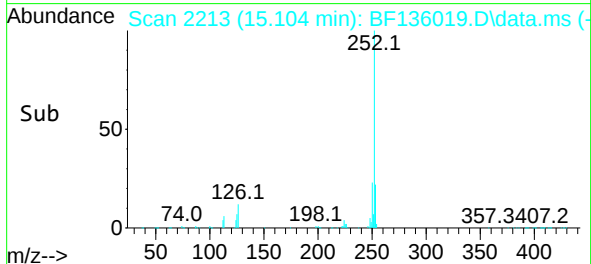
Instrument :
BNA_F
ClientSampleId :
222MS



Tgt Ion:252 Resp: 890724
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 11.3 8.2 12.4

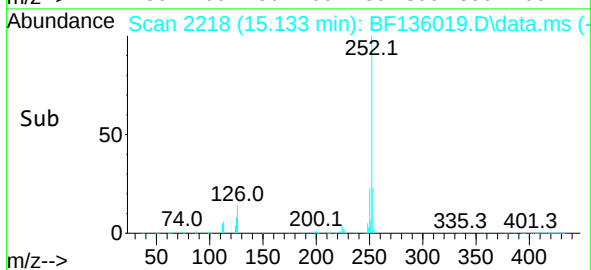
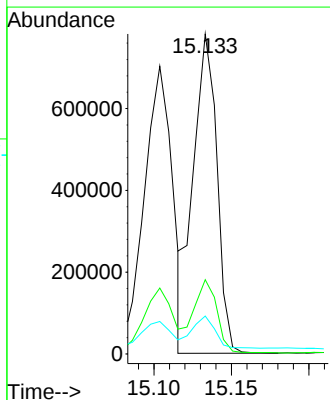
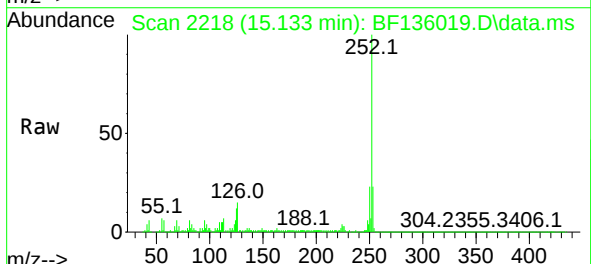
Manual Integrations
APPROVED

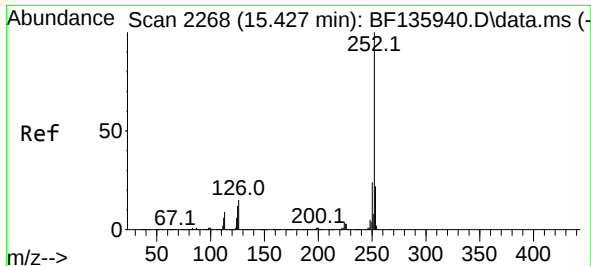
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#89
Benzo(k)fluoranthene
Concen: 62.585 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.047 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

Tgt Ion:252 Resp: 829868
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 11.9 8.5 12.7





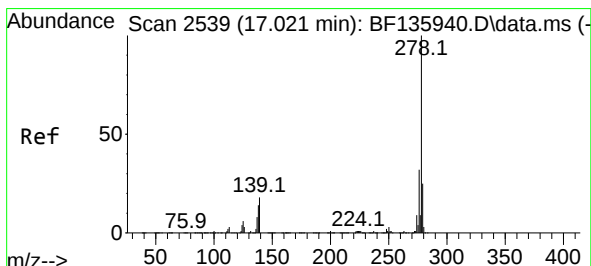
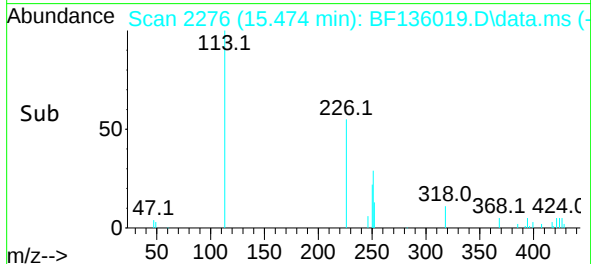
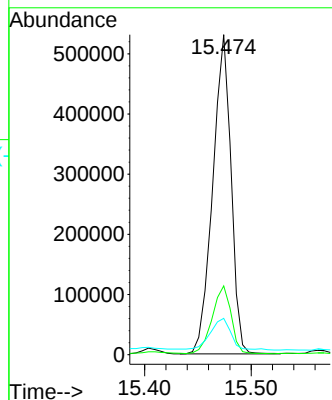
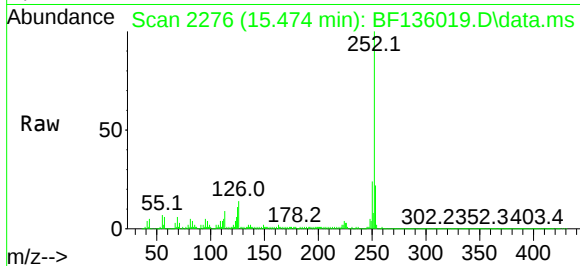
#90
Benzo(a)pyrene
Concen: 51.012 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

Instrument :
BNA_F
ClientSampleId :
222MS

Tgt Ion:252 Resp: 634758
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 11.4 9.6 14.4

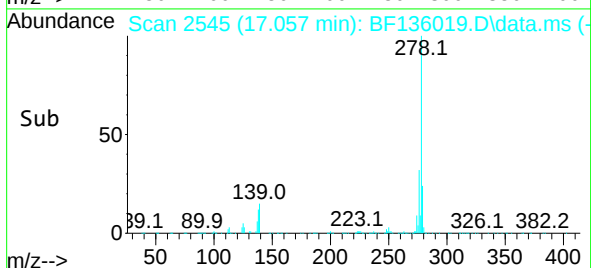
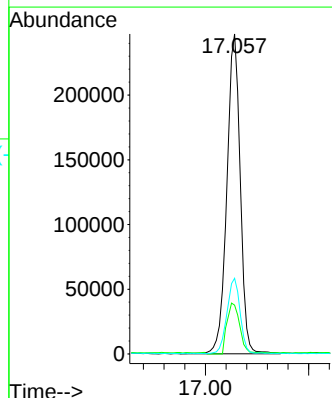
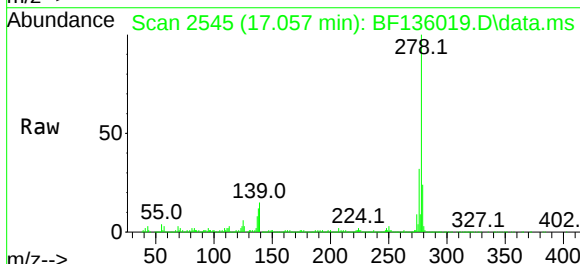
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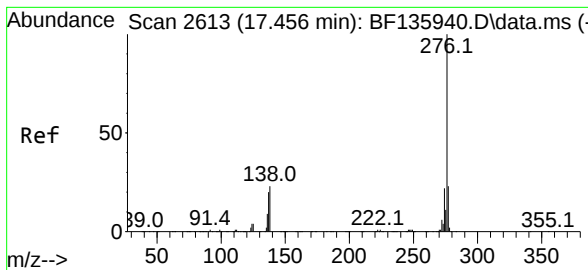
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#91
Dibenzo(a,h)anthracene
Concen: 40.243 ng
RT: 17.057 min Scan# 2545
Delta R.T. 0.035 min
Lab File: BF136019.D
Acq: 28 Oct 2023 22:21

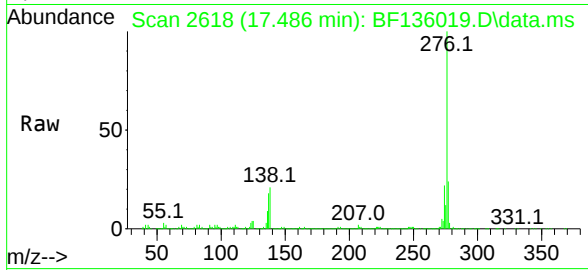
Tgt Ion:278 Resp: 442806
Ion Ratio Lower Upper
278 100
139 15.2 14.0 21.0
279 23.7 19.7 29.5





#92
 Benzo(g,h,i)perylene
 Concen: 35.172 ng
 RT: 17.486 min Scan# 20
 Delta R.T. 0.030 min
 Lab File: BF136019.D
 Acq: 28 Oct 2023 22:21

Instrument :
 BNA_F
 ClientSampleId :
 222MS



Tgt Ion:276 Resp: 426380
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.6 28.0
 138 21.5 18.4 27.6

Manual Integrations
 APPROVED

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

