

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135179.D
 Acq On : 12 Sep 2023 13:46
 Operator : CG\JU
 Sample : 04203-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 13 02:02:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	101248	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	387365	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	198081	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	380018	20.000	ng	0.00
76) Chrysene-d12	13.945	240	184840	20.000	ng	0.00
86) Perylene-d12	15.404	264	216769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	618895	99.419	ng	0.01
7) Phenol-d6	6.404	99	793200	100.207	ng	0.00
23) Nitrobenzene-d5	7.328	82	498016	69.849	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	219214	111.364	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	877062	66.803	ng	0.00
79) Terphenyl-d14	12.886	244	824340	69.135	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	117994	43.238	ng	99
3) Pyridine	3.298	79	291329	39.665	ng	98
4) n-Nitrosodimethylamine	3.263	42	192808	49.470	ng	98
6) Aniline	6.428	93	357872	34.477	ng	# 92
8) 2-Chlorophenol	6.551	128	332277	50.002	ng	95
9) Benzaldehyde	6.316	77	124275	27.559	ng	99
10) Phenol	6.422	94	409490	47.178	ng	92
11) bis(2-Chloroethyl)ether	6.504	93	311952	47.913	ng	99
12) 1,3-Dichlorobenzene	6.704	146	329707	48.820	ng	98
13) 1,4-Dichlorobenzene	6.781	146	336075	48.911	ng	99
14) 1,2-Dichlorobenzene	6.928	146	316669	49.628	ng	99
15) Benzyl Alcohol	6.910	79	287032	50.533	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.039	45	578689	47.154	ng	97
17) 2-Methylphenol	7.022	107	263465	44.927	ng	98
18) Hexachloroethane	7.269	117	126827	49.955	ng	95
19) n-Nitroso-di-n-propyla...	7.181	70	219132	44.694	ng	96
20) 3+4-Methylphenols	7.175	107	313840	44.507	ng	96
22) Acetophenone	7.175	105	435594	49.185	ng	98
24) Nitrobenzene	7.345	77	347052	49.247	ng	100
25) Isophorone	7.586	82	640676	48.935	ng	99
26) 2-Nitrophenol	7.663	139	176764	52.262	ng	97
27) 2,4-Dimethylphenol	7.704	122	268013	47.142	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	387462	49.445	ng	99
29) 2,4-Dichlorophenol	7.904	162	269905	51.235	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	280877	51.010	ng	97
31) Naphthalene	8.063	128	926271	49.215	ng	100
32) Benzoic acid	7.845	122	218844	51.120	ng	98
33) 4-Chloroaniline	8.116	127	270791	32.793	ng	98
34) Hexachlorobutadiene	8.181	225	165786	49.933	ng	100
35) Caprolactam	8.498	113	93774m	53.039	ng	
36) 4-Chloro-3-methylphenol	8.604	107	300584	51.338	ng	99
37) 2-Methylnaphthalene	8.757	142	597589	47.235	ng	98
38) 1-Methylnaphthalene	8.857	142	565724	47.762	ng	97
40) 1,2,4,5-Tetrachloroben...	8.922	216	282029	49.146	ng	99
41) Hexachlorocyclopentadiene	8.910	237	250020	97.135	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	191251	50.901	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	210713	48.698	ng	95
46) 1,1'-Biphenyl	9.222	154	755332	49.620	ng	99
47) 2-Chloronaphthalene	9.245	162	561971	50.882	ng	98
48) 2-Nitroaniline	9.351	65	215953	50.329	ng	99
49) Acenaphthylene	9.663	152	925338	50.412	ng	100
50) Dimethylphthalate	9.533	163	659797	49.267	ng	100
51) 2,6-Dinitrotoluene	9.598	165	149978	51.121	ng	# 81
52) Acenaphthene	9.833	154	535859	49.418	ng	98
53) 3-Nitroaniline	9.763	138	138578	40.240	ng	100
54) 2,4-Dinitrophenol	9.880	184	164479	97.291	ng	90
55) Dibenzofuran	10.010	168	806943	48.767	ng	99
56) 4-Nitrophenol	9.939	139	239041	109.215	ng	98
57) 2,4-Dinitrotoluene	10.004	165	183268	49.898	ng	94
58) Fluorene	10.351	166	623001	48.976	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	174476	52.420	ng	99
60) Diethylphthalate	10.233	149	658135	48.967	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	294011	48.116	ng	99
62) 4-Nitroaniline	10.386	138	161797	48.876	ng	98
63) Azobenzene	10.510	77	651798	49.551	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	104721	51.883	ng	84
66) n-Nitrosodiphenylamine	10.469	169	566792	49.265	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	189843	50.229	ng	99
68) Hexachlorobenzene	10.898	284	207538	53.899	ng	# 91
69) Atrazine	11.004	200	174487	56.365	ng	98
70) Pentachlorophenol	11.098	266	196467	85.281	ng	98
71) Phenanthrene	11.321	178	893483	49.712	ng	99
72) Anthracene	11.369	178	918469	49.715	ng	99
73) Carbazole	11.527	167	848134	50.431	ng	99
74) Di-n-butylphthalate	11.863	149	990166	49.965	ng	100
75) Fluoranthene	12.510	202	888521	47.444	ng	100
77) Benzidine	12.633	184	153401	40.510	ng	98
78) Pyrene	12.739	202	881238	50.076	ng	100
80) Butylbenzylphthalate	13.368	149	314208	50.711	ng	99
81) Benzo(a)anthracene	13.939	228	594936	49.845	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	174770	46.879	ng	100
83) Chrysene	13.974	228	572497	48.244	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	342676	53.895	ng	99
85) Di-n-octyl phthalate	14.551	149	591090	58.498	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	723058	50.874	ng	99
88) Benzo(b)fluoranthene	14.986	252	602783	51.368	ng	100
89) Benzo(k)fluoranthene	15.015	252	546531	47.149	ng	99
90) Benzo(a)pyrene	15.351	252	538552	48.126	ng	98
91) Dibenzo(a,h)anthracene	16.903	278	588225	50.582	ng	98
92) Benzo(g,h,i)perylene	17.333	276	585867	48.239	ng	98

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

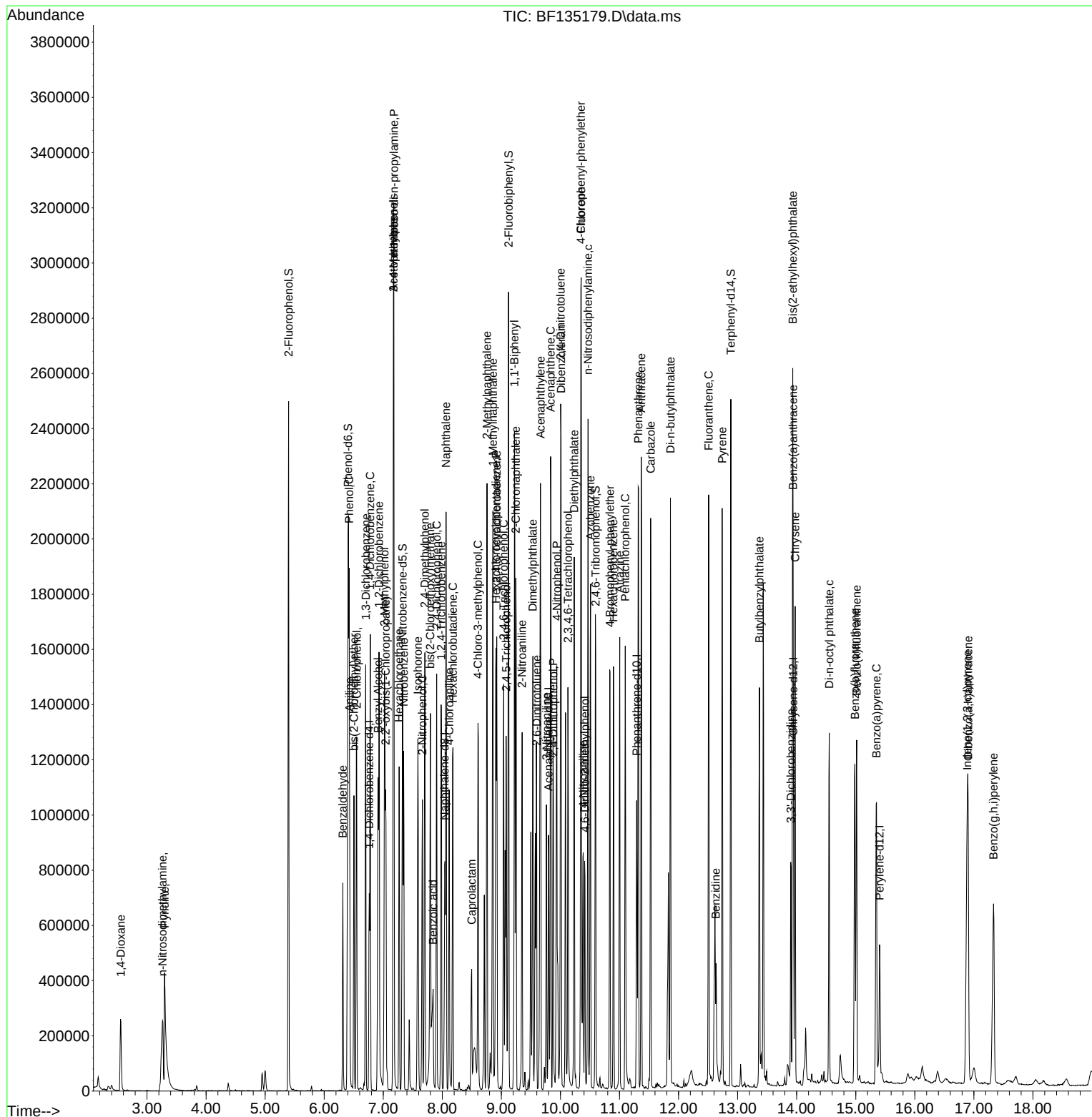
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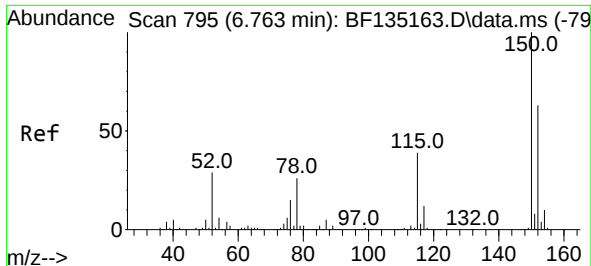
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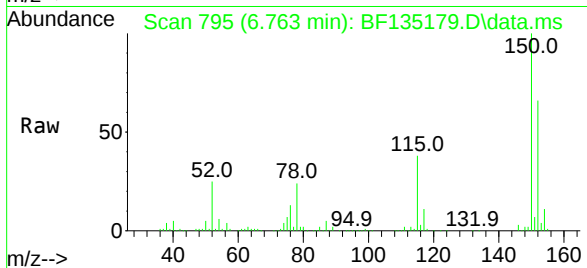
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS



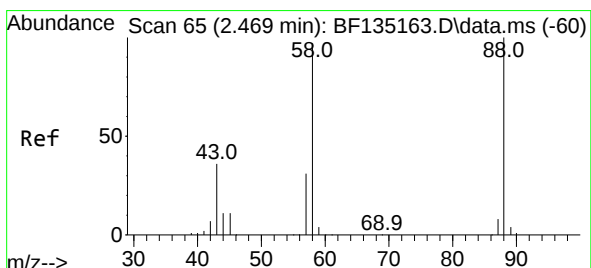
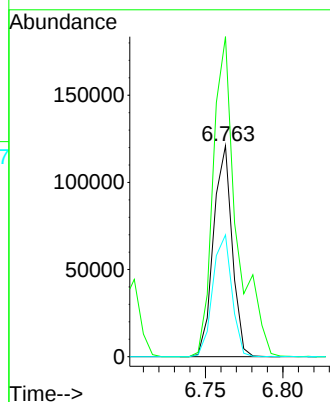
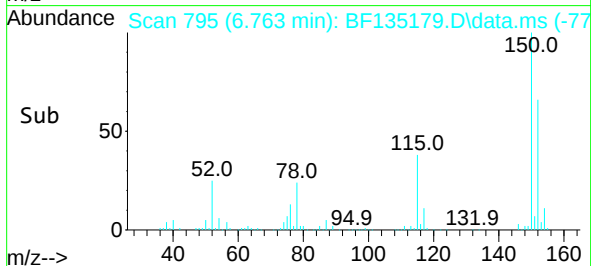
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Ion Ratio Lower Upper
152 100
150 151.8 127.8 191.6
115 57.8 49.8 74.8

Manual Integrations

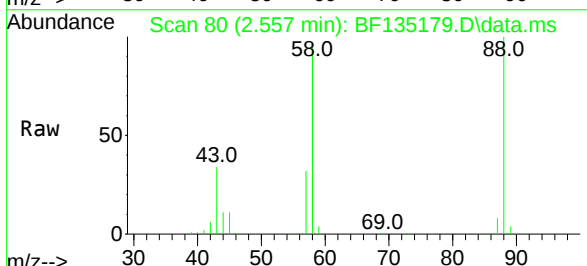
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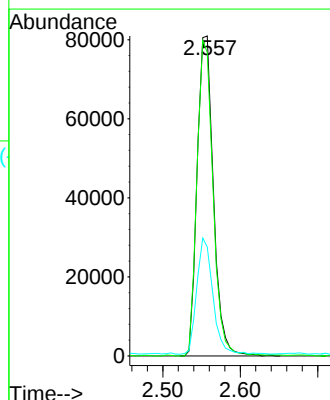
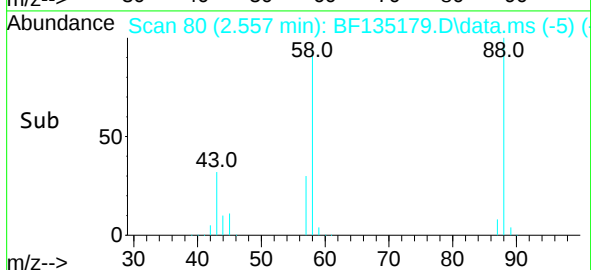
Supervised By :mohammad ahmed 09/13/2023

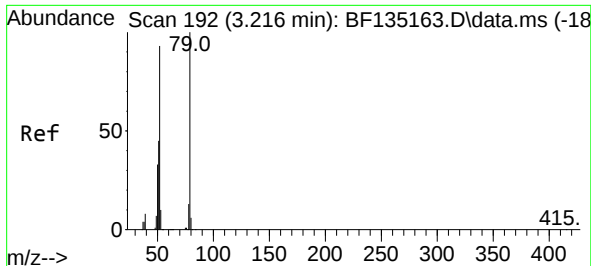


#2
1,4-Dioxane
Concen: 43.238 ng
RT: 2.557 min Scan# 80
Delta R.T. 0.088 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



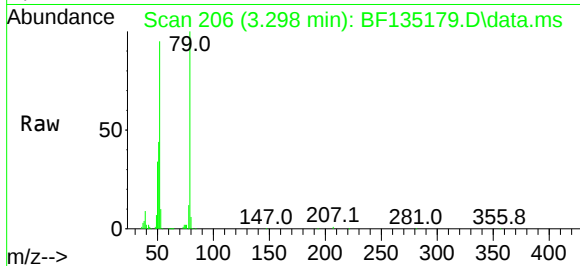
Tgt Ion: 88 Resp: 117994
Ion Ratio Lower Upper
88 100
58 97.5 78.3 117.5
43 36.0 29.4 44.0





#3
Pyridine
Concen: 39.665 ng
RT: 3.298 min Scan# 206
Delta R.T. 0.082 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

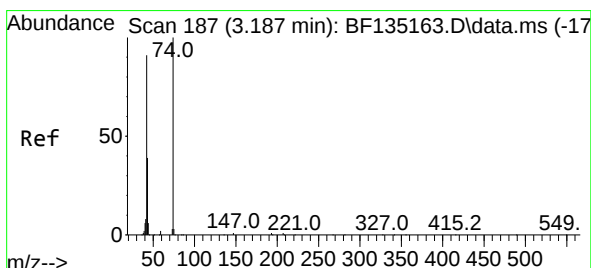
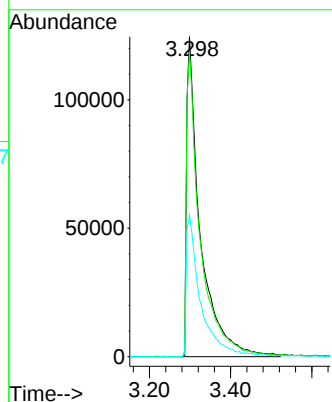
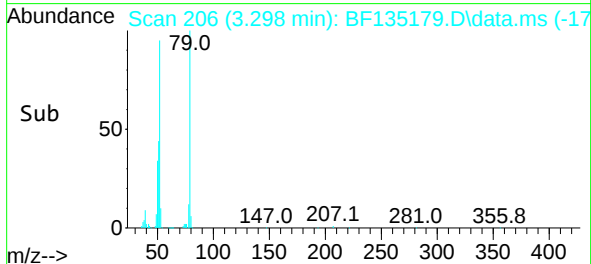
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BNA_F
ClientSampleId :
SB-8(12-12.5)MS



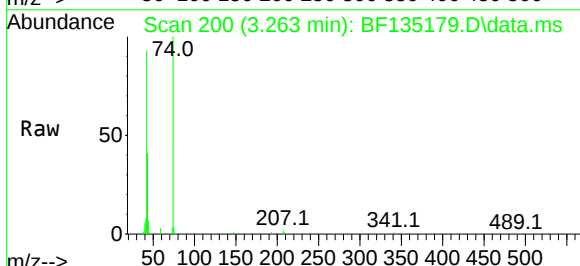
Tgt Ion: 79 Resp: 291329
Ion Ratio Lower Upper
79 100
52 95.2 74.1 111.1
51 44.2 35.8 53.8

Manual Integrations
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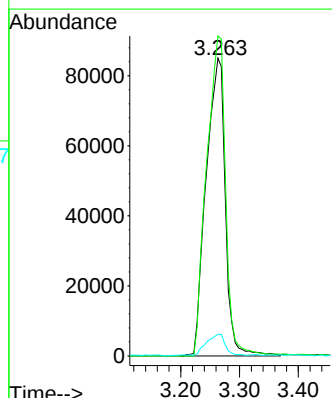
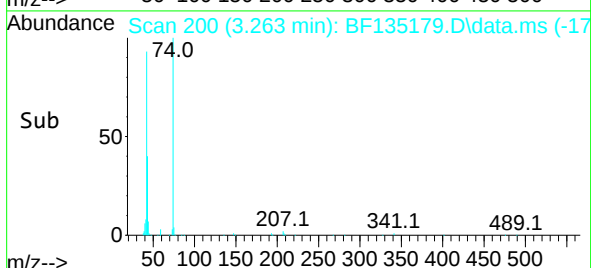
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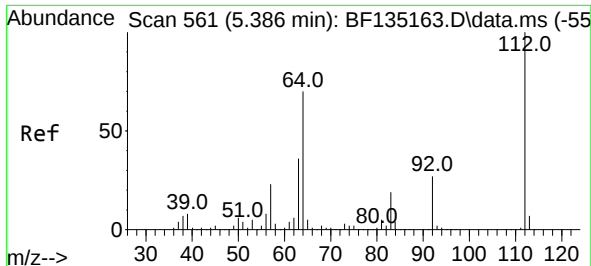


#4
n-Nitrosodimethylamine
Concen: 49.470 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.077 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



Tgt Ion: 42 Resp: 192808
Ion Ratio Lower Upper
42 100
74 107.5 87.7 131.5
44 7.3 5.6 8.4





#5
2-Fluorophenol
Concen: 99.419 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

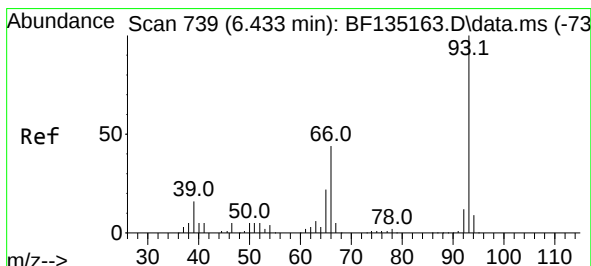
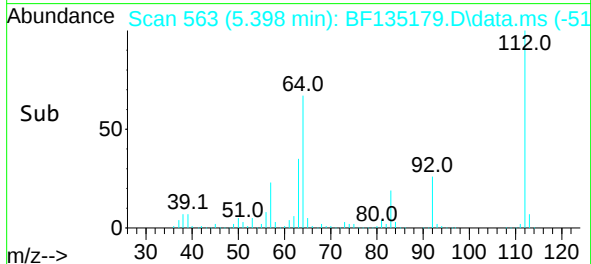
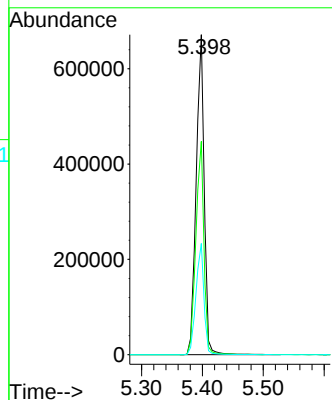
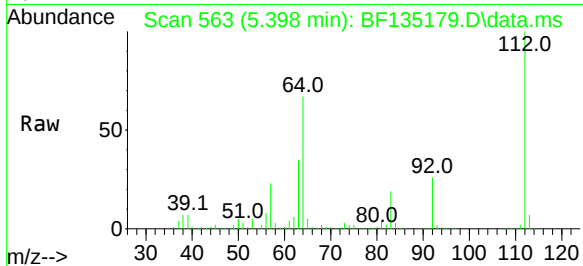
SB-8(12-12.5)MS

Tgt Ion:112 Resp: 61889
Ion Ratio Lower Upper
112 100
64 66.7 55.9 83.9
63 34.8 29.0 43.6

Manual Integrations

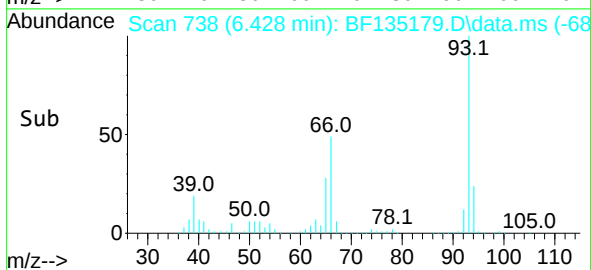
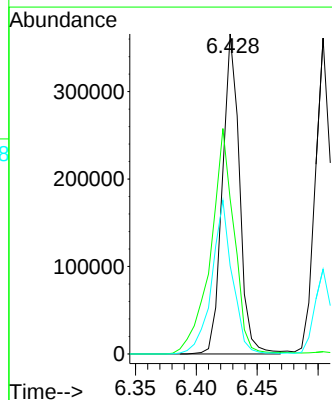
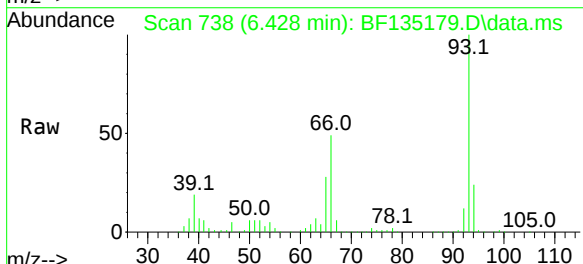
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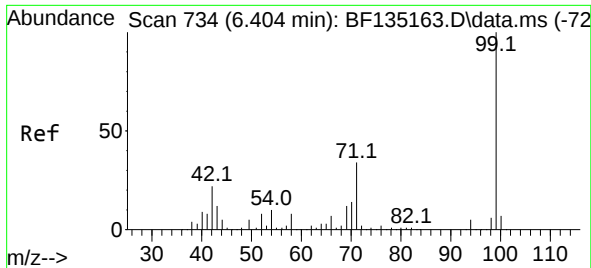
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#6
Aniline
Concen: 34.477 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

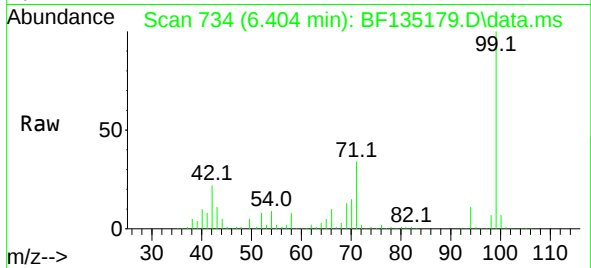
Tgt Ion: 93 Resp: 357872
Ion Ratio Lower Upper
93 100
66 48.5 35.4 53.0
65 27.6 17.8 26.8





#7
Phenol-d6
Concen: 100.207 ng
RT: 6.404 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF135179.D
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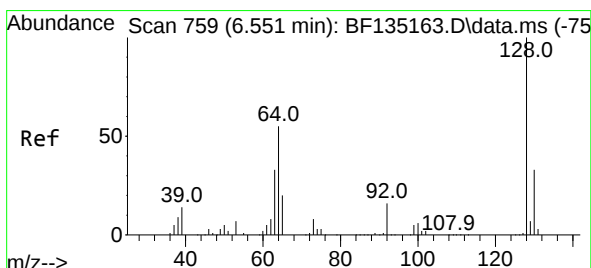
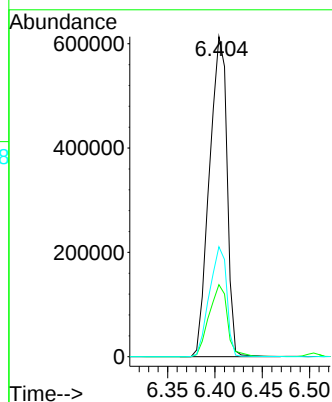
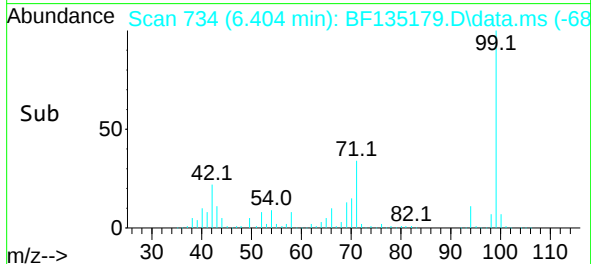
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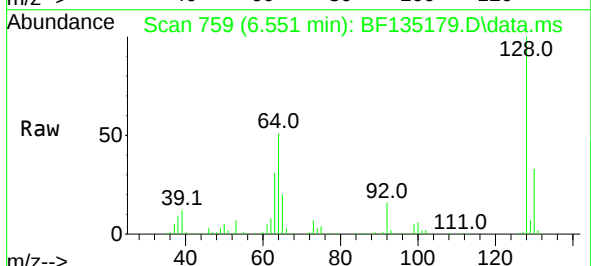
Tgt Ion: 99 Resp: 793200
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 34.3 27.0 40.6

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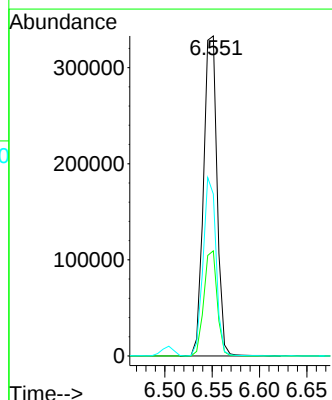
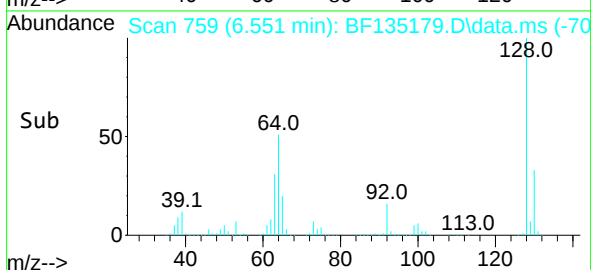
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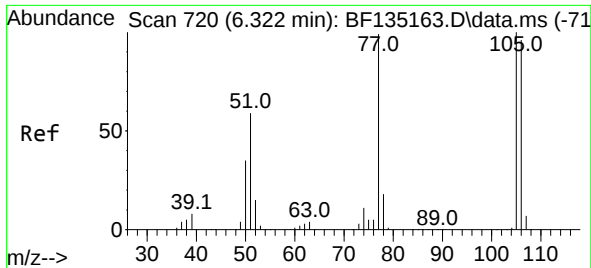


#8
2-Chlorophenol
Concen: 50.002 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135179.D
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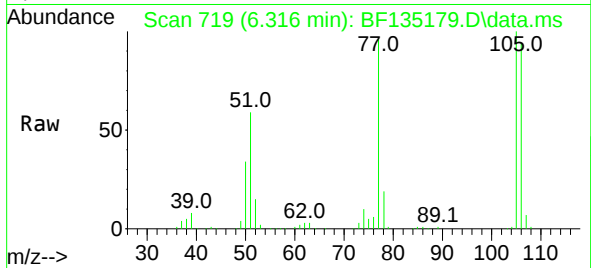
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Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 50.6 35.9 75.9





#9
Benzaldehyde
Concen: 27.559 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135179.D
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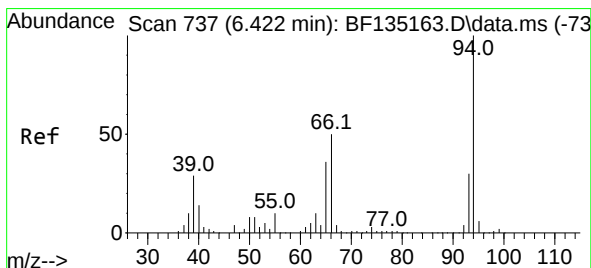
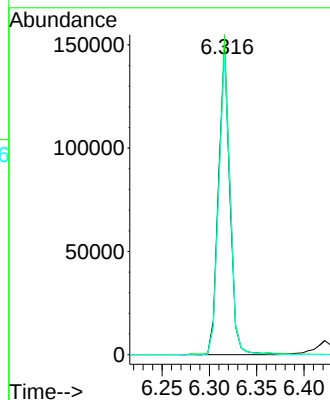
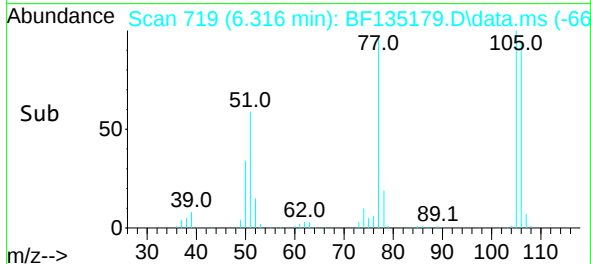
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Tgt Ion: 77 Resp: 124275
Ion Ratio Lower Upper
77 100
105 103.6 81.4 121.4
106 97.3 76.9 116.9

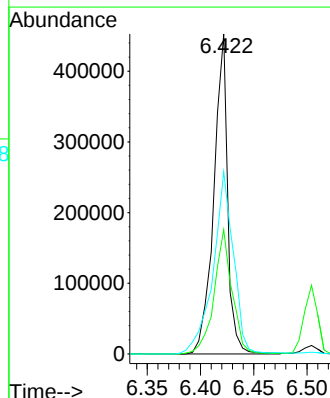
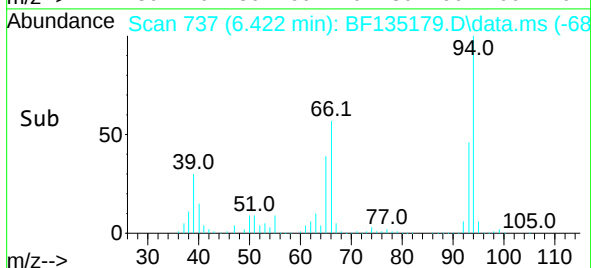
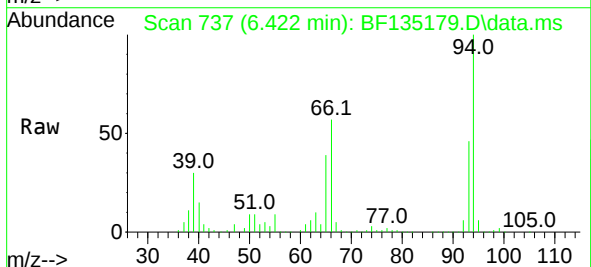
Manual Integrations
APPROVED

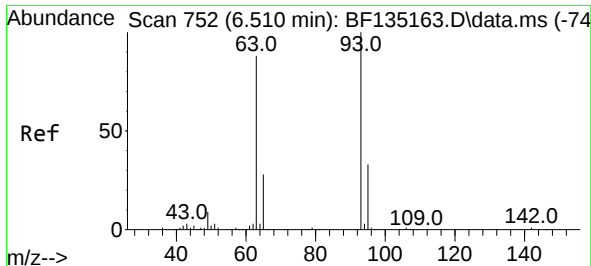
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#10
Phenol
Concen: 47.178 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Tgt Ion: 94 Resp: 409490
Ion Ratio Lower Upper
94 100
65 38.8 15.9 55.9
66 57.0 29.8 69.8





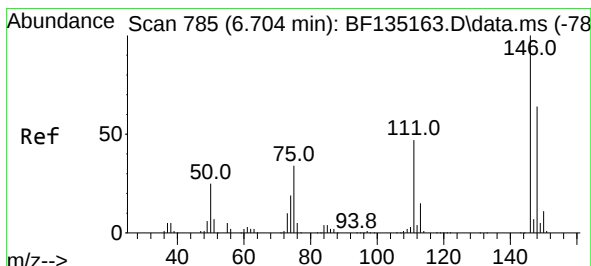
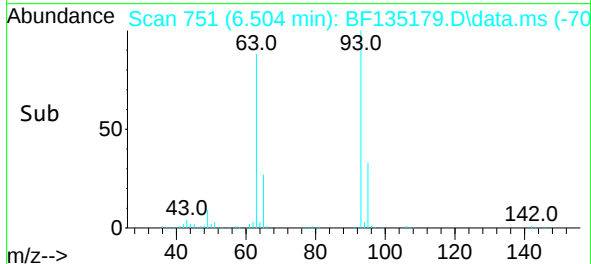
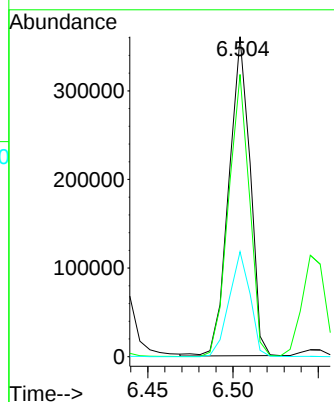
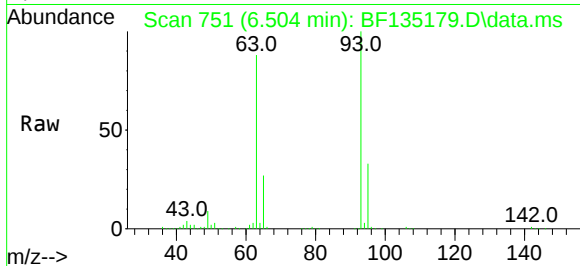
#11
bis(2-Chloroethyl)ether
Concen: 47.913 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

Tgt Ion: 93 Resp: 311952
Ion Ratio Lower Upper
93 100
63 88.2 67.3 107.3
95 32.8 12.7 52.7

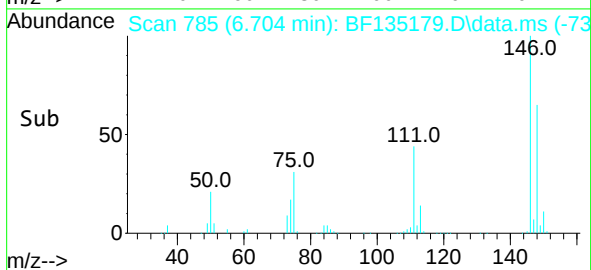
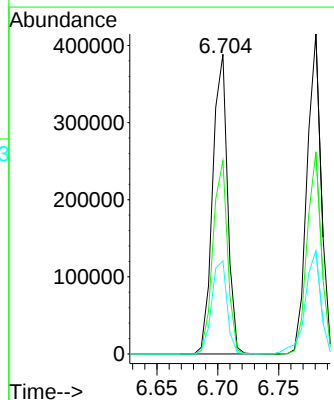
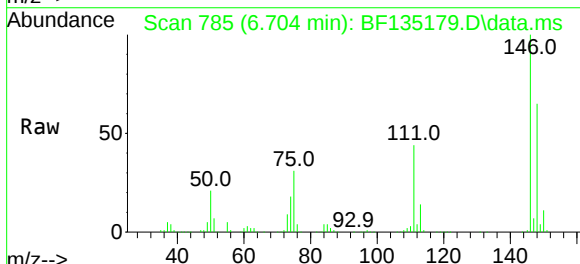
Manual Integrations
APPROVED

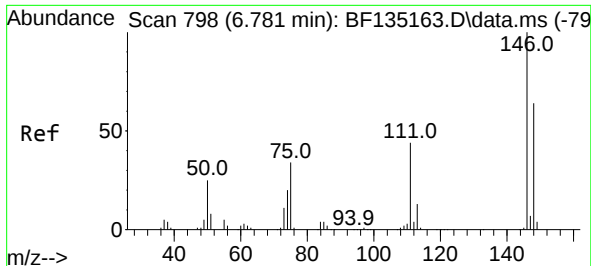
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#12
1,3-Dichlorobenzene
Concen: 48.820 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Tgt Ion:146 Resp: 329707
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
75 31.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 48.911 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion:146 Resp: 336079

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

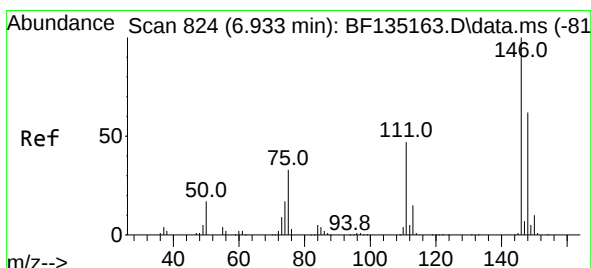
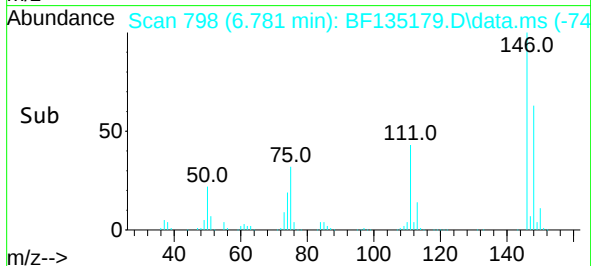
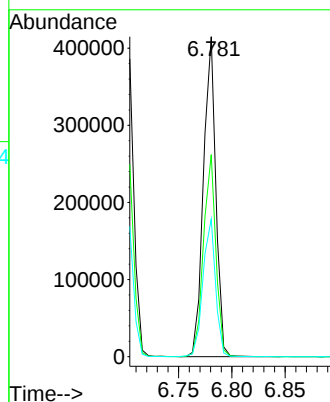
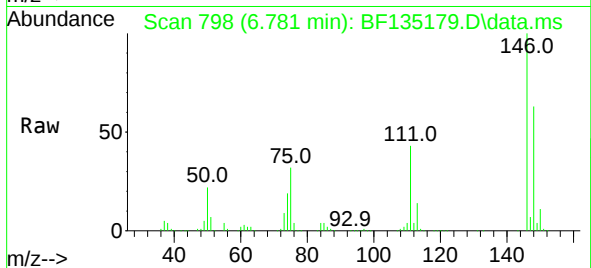
111 43.0 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#14

1,2-Dichlorobenzene

Concen: 49.628 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

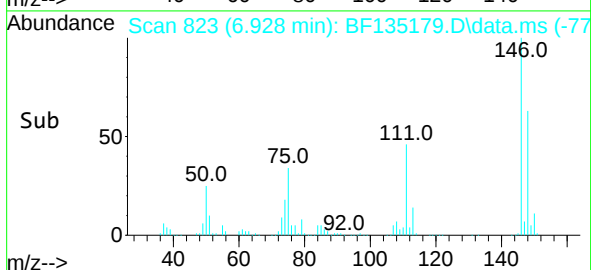
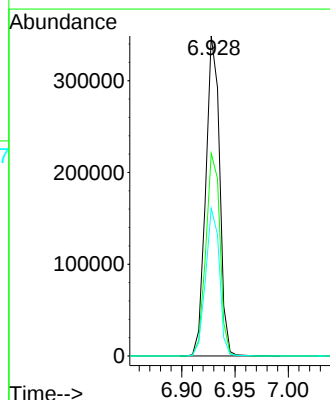
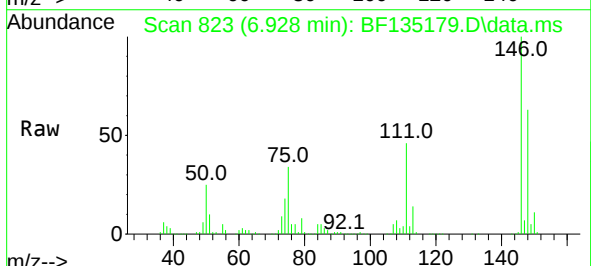
Tgt Ion:146 Resp: 316669

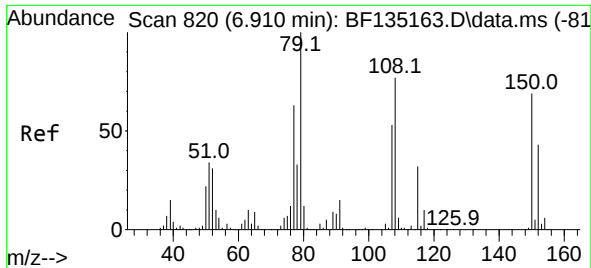
Ion Ratio Lower Upper

146 100

148 63.3 49.7 74.5

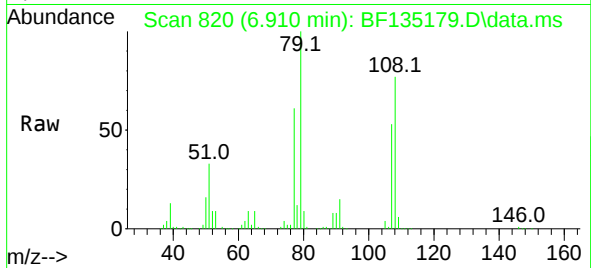
111 46.2 37.4 56.2





#15
Benzyl Alcohol
Concen: 50.533 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

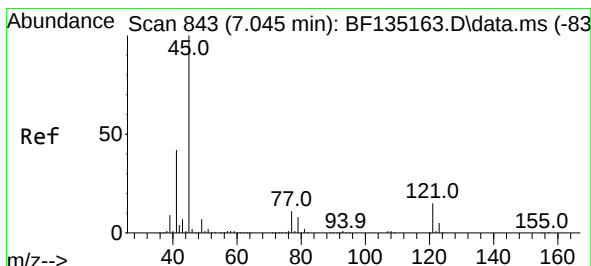
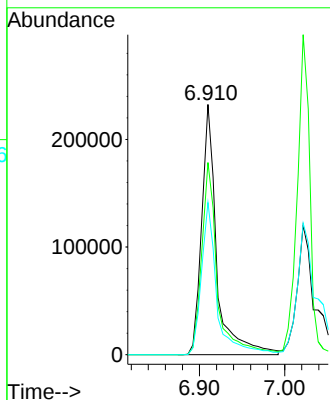
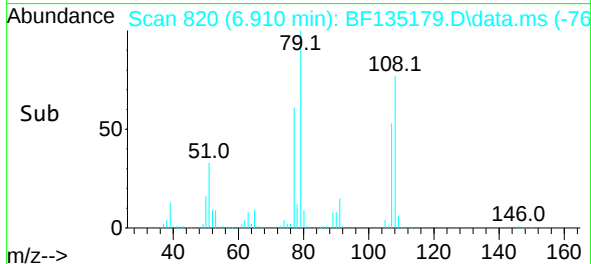
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



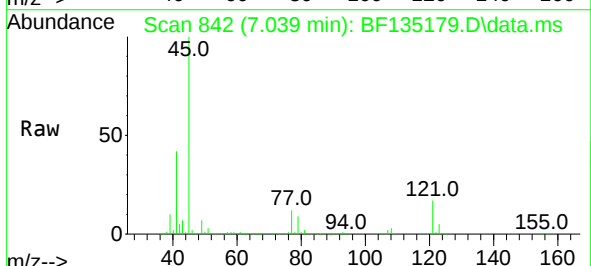
Tgt Ion: 79 Resp: 28703
Ion Ratio Lower Upper
79 100
108 76.8 61.2 91.8
77 60.8 50.5 75.7

Manual Integrations
APPROVED

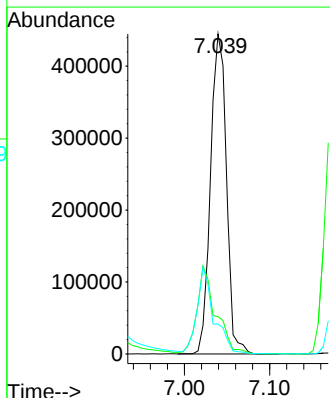
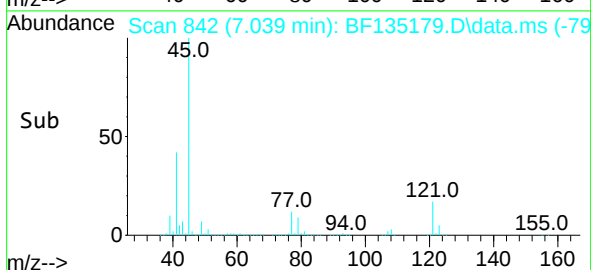
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

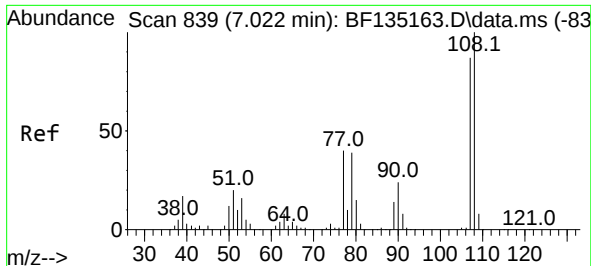


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.154 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



Tgt Ion: 45 Resp: 578689
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.6
79 9.3 0.0 28.3





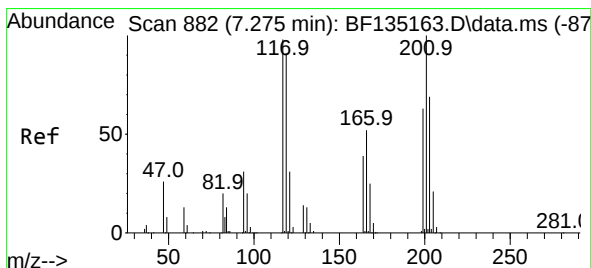
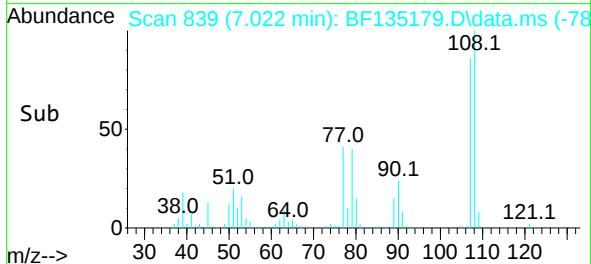
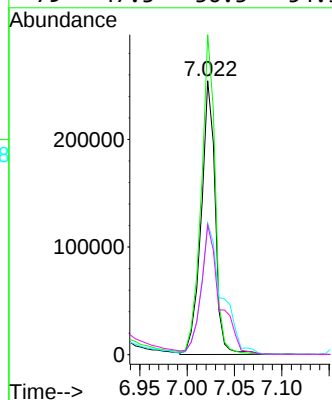
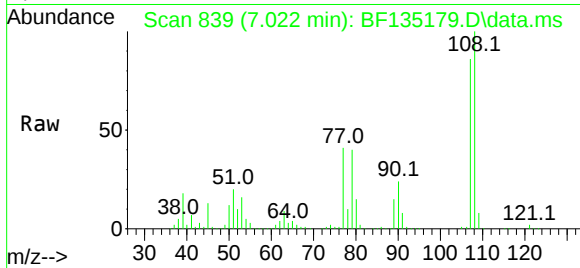
#17
2-Methylphenol
Concen: 44.927 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

Tgt Ion:107 Resp: 26346
Ion Ratio Lower Upper
107 100
108 116.9 92.0 138.0
77 48.0 36.7 55.1
79 47.3 36.3 54.5

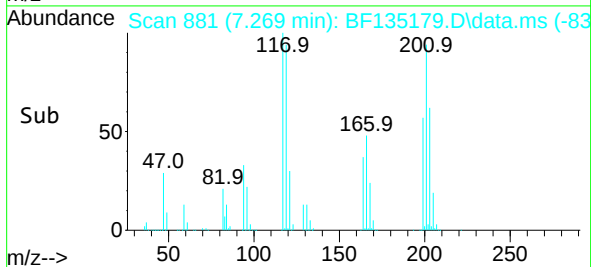
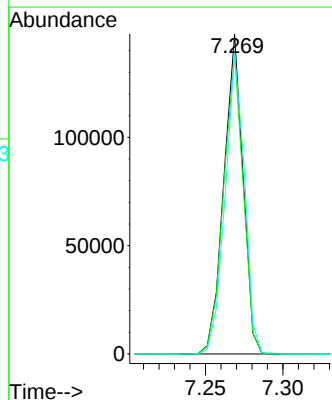
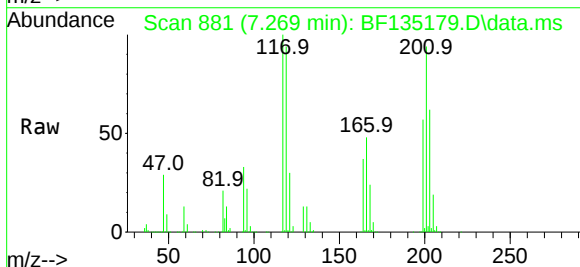
Manual Integrations
APPROVED

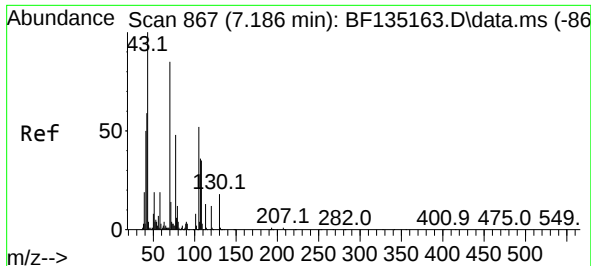
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#18
Hexachloroethane
Concen: 49.955 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

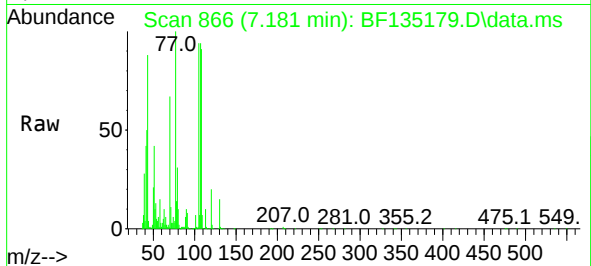
Tgt Ion:117 Resp: 126827
Ion Ratio Lower Upper
117 100
119 93.8 74.7 112.1
201 93.8 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 44.694 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

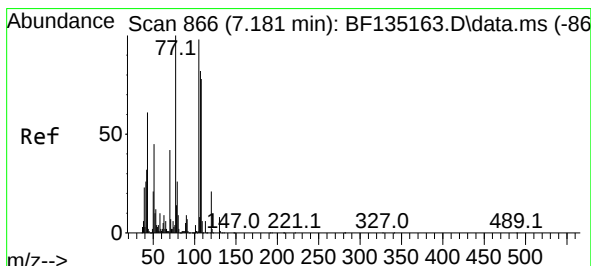
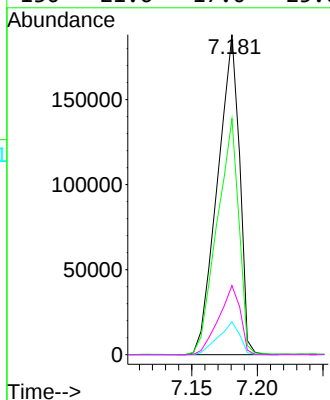
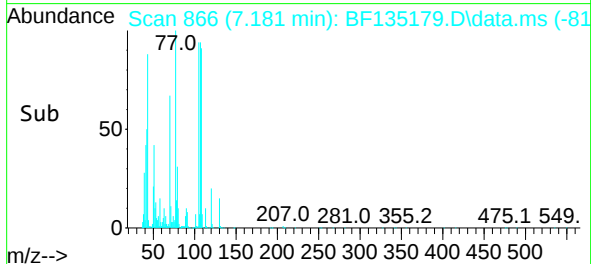
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



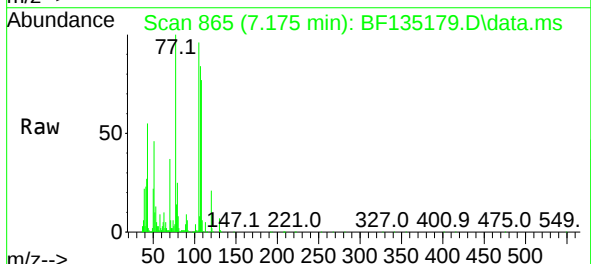
Tgt Ion: 70 Resp: 21913
Ion Ratio Lower Upper
70 100
42 73.8 55.4 83.0
101 10.3 7.7 11.5
130 21.6 17.0 25.6

Manual Integrations
APPROVED

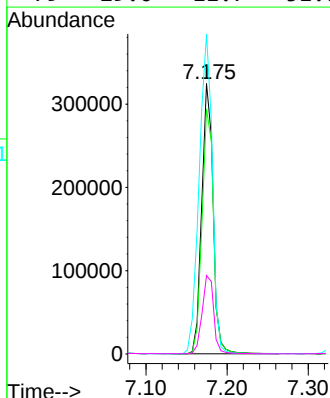
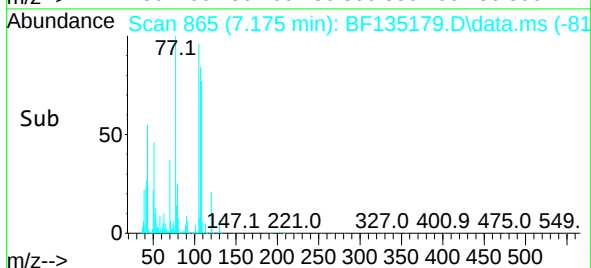
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

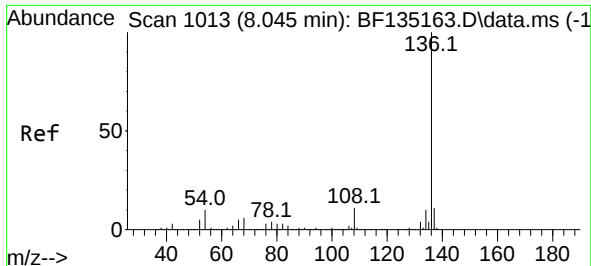


#20
3+4-Methylphenols
Concen: 44.507 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



Tgt Ion:107 Resp: 313840
Ion Ratio Lower Upper
107 100
108 90.6 74.7 114.7
77 118.4 102.0 142.0
79 29.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

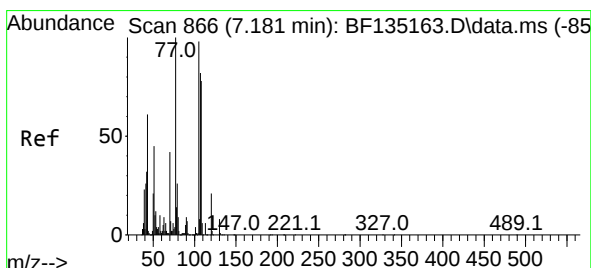
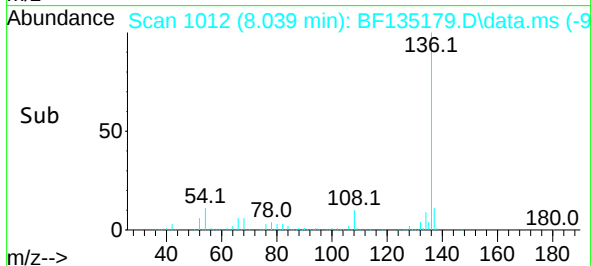
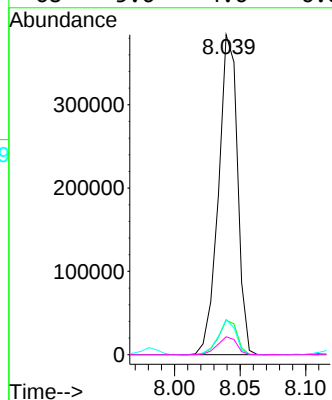
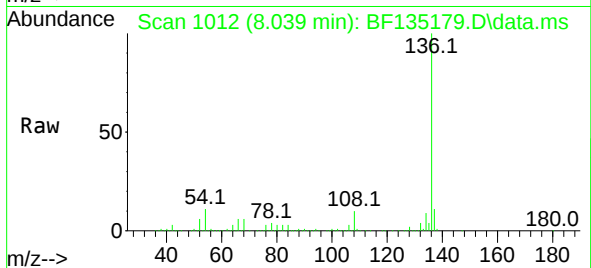
SB-8(12-12.5)MS

Tgt Ion:136 Resp: 38736
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.0 7.7 11.5
68 5.6 4.6 6.8

Manual Integrations

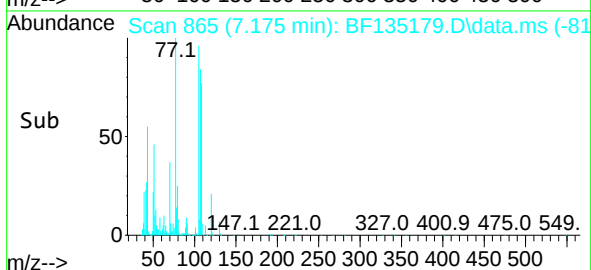
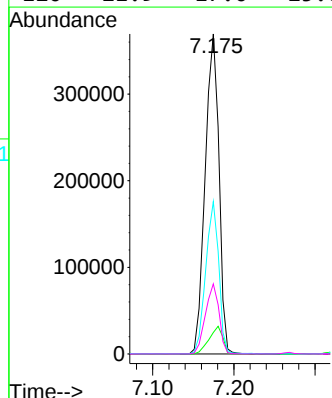
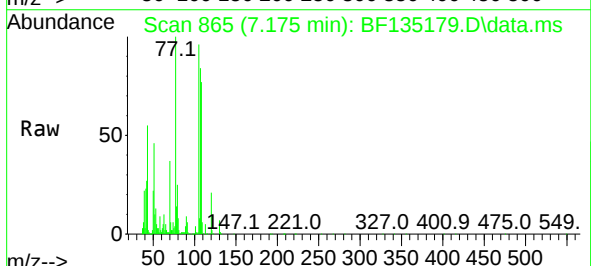
APPROVED

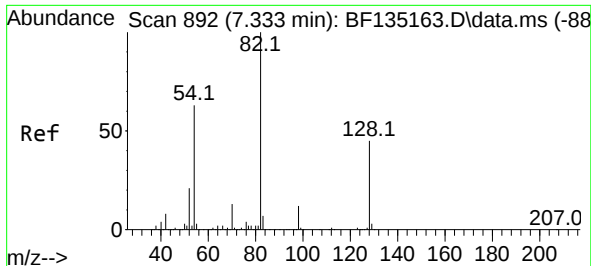
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#22
Acetophenone
Concen: 49.185 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Tgt Ion:105 Resp: 435594
Ion Ratio Lower Upper
105 100
71 6.7 5.8 8.6
51 47.6 37.0 55.4
120 21.9 17.0 25.6





#23
Nitrobenzene-d5
Concen: 69.849 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

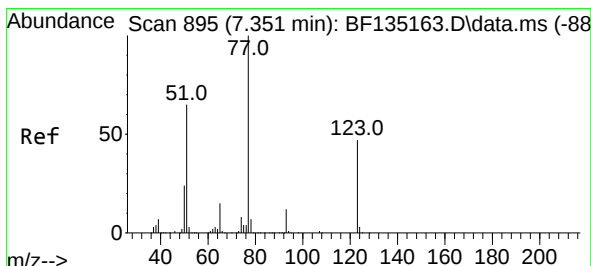
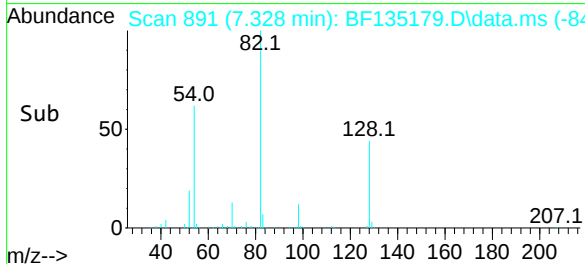
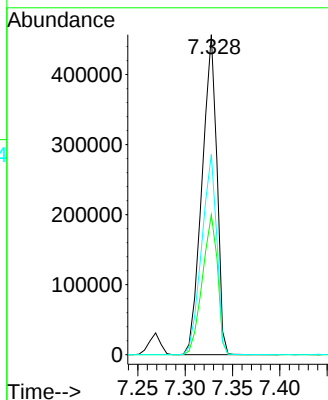
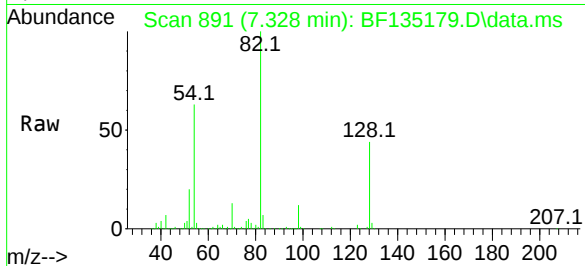
ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion: 82 Resp: 498010
Ion Ratio Lower Upper
82 100
128 43.7 35.8 53.6
54 62.6 50.6 76.0

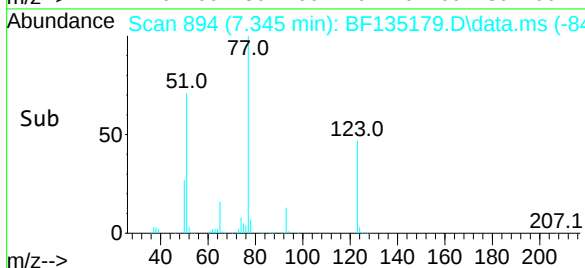
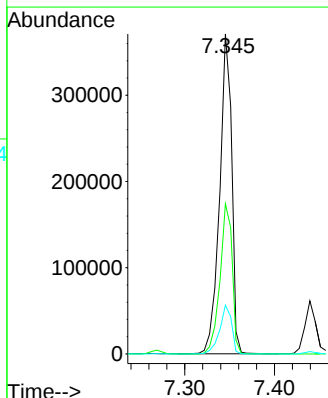
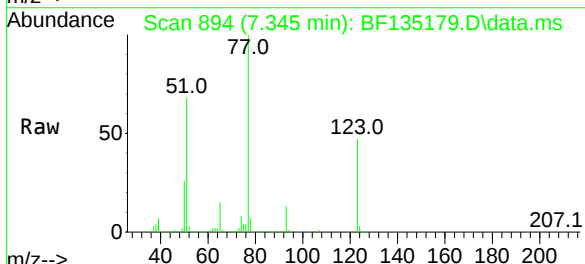
Manual Integrations
APPROVED

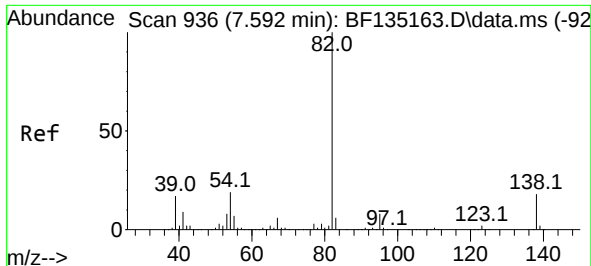
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#24
Nitrobenzene
Concen: 49.247 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

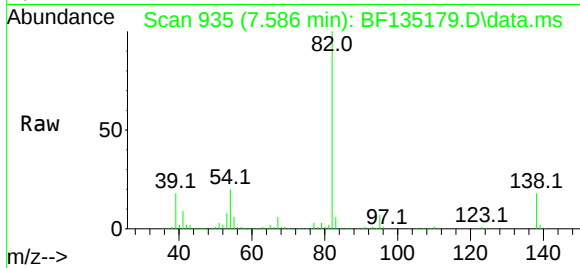
Tgt Ion: 77 Resp: 347052
Ion Ratio Lower Upper
77 100
123 46.9 37.6 56.4
65 15.3 12.2 18.4





#25
Isophorone
Concen: 48.935 ng
RT: 7.586 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

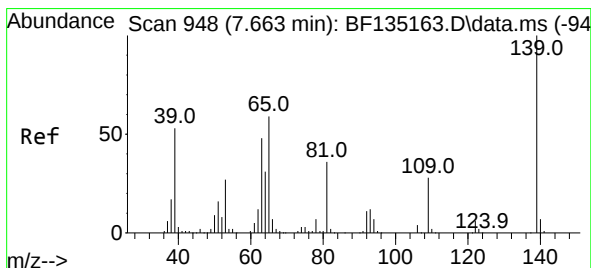
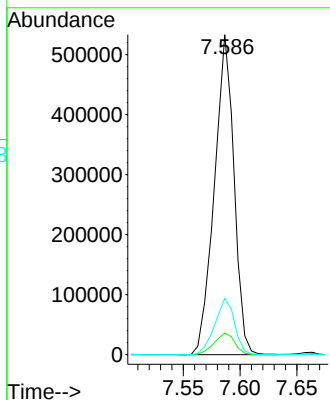
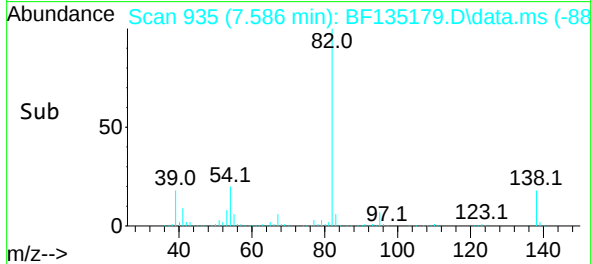
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



Tgt Ion: 82 Resp: 640670
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 17.6 14.5 21.7

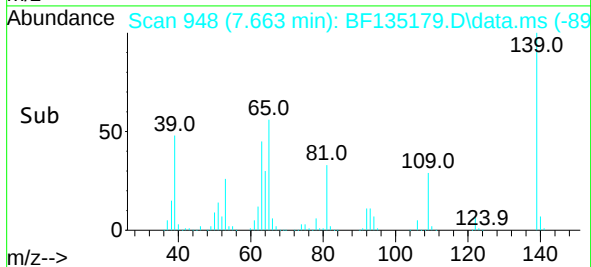
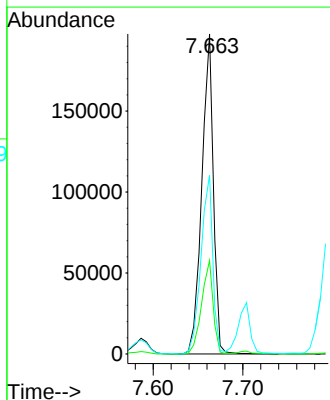
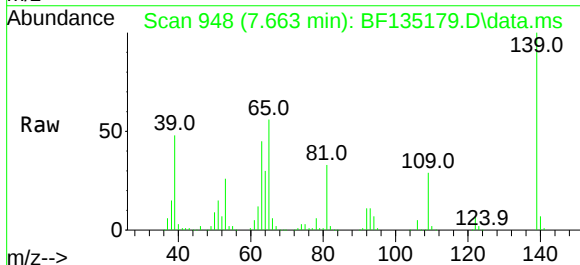
Manual Integrations
APPROVED

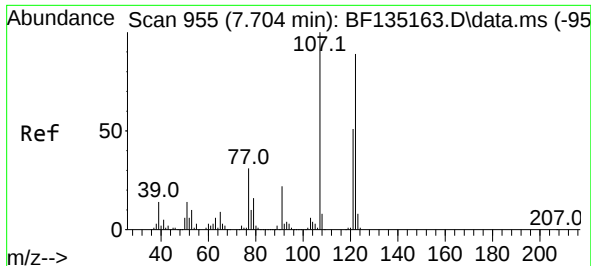
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#26
2-Nitrophenol
Concen: 52.262 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Tgt Ion:139 Resp: 176764
Ion Ratio Lower Upper
139 100
109 29.2 22.6 33.8
65 55.9 47.0 70.4





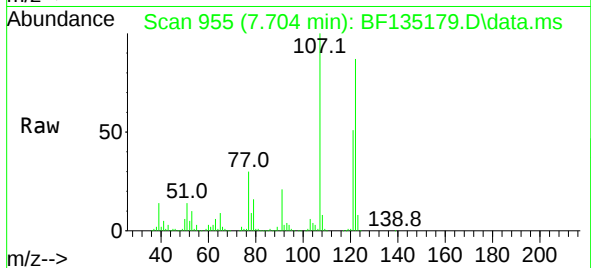
#27
2,4-Dimethylphenol
Concen: 47.142 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

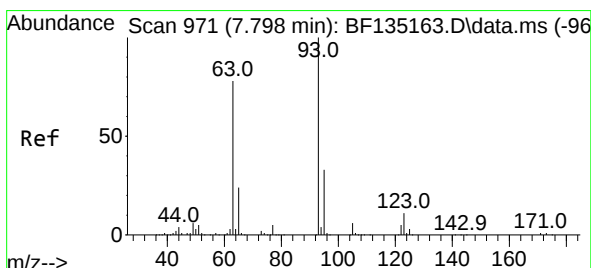
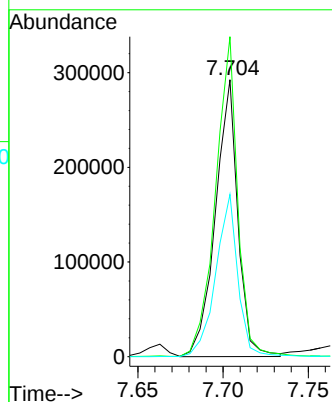
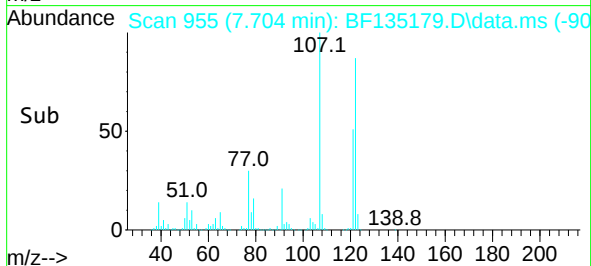


Tgt Ion:122 Resp: 26801
Ion Ratio Lower Upper
122 100
107 115.5 90.2 135.4
121 58.6 46.3 69.5

Manual Integrations

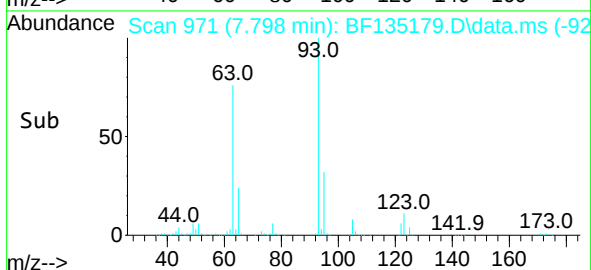
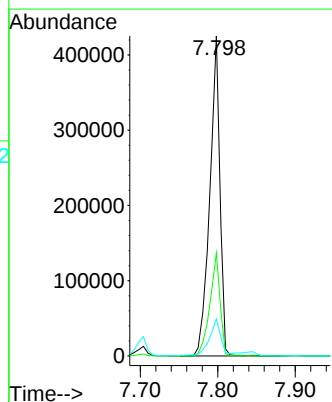
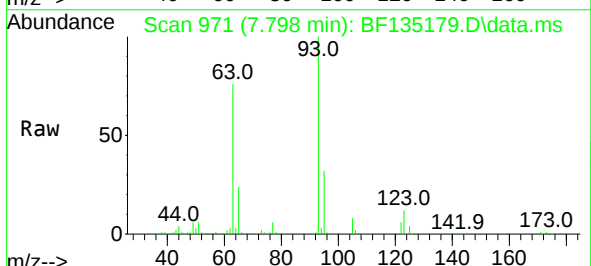
APPROVED

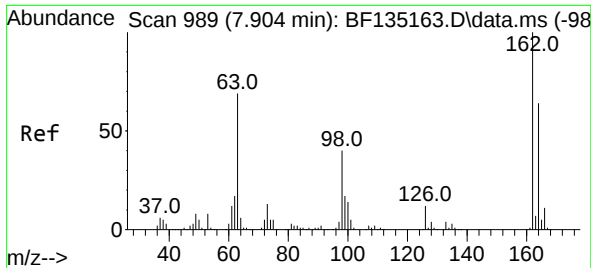
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.445 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Tgt Ion: 93 Resp: 387462
Ion Ratio Lower Upper
93 100
95 32.2 26.2 39.2
123 11.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 51.235 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135179.D

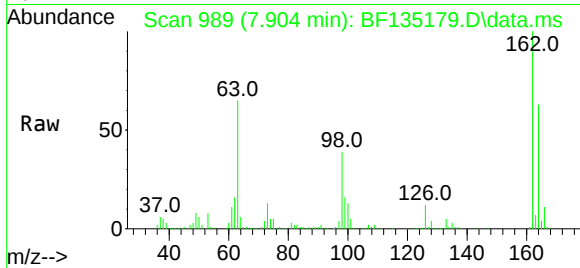
Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS



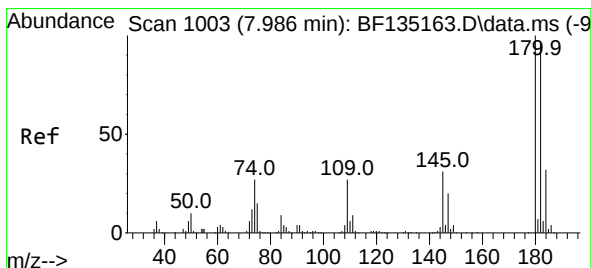
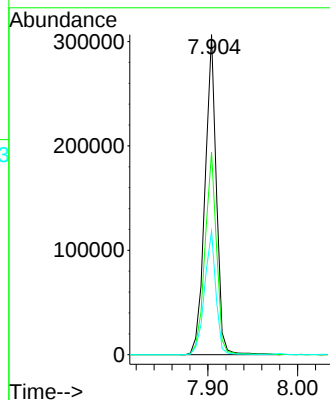
Tgt Ion:	162	Resp:	269908
Ion Ratio	Lower	Upper	
162	100		
164	63.3	44.1	84.1
98	38.6	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 51.010 ng

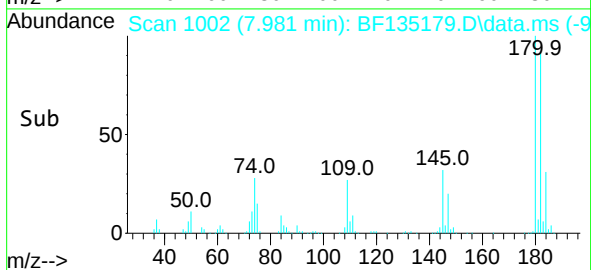
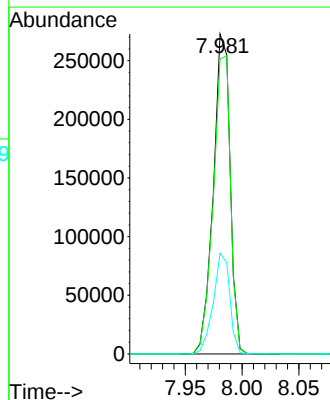
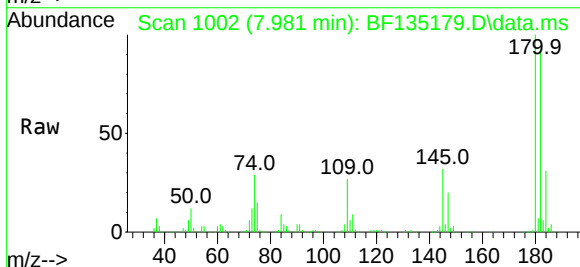
RT: 7.981 min Scan# 1002

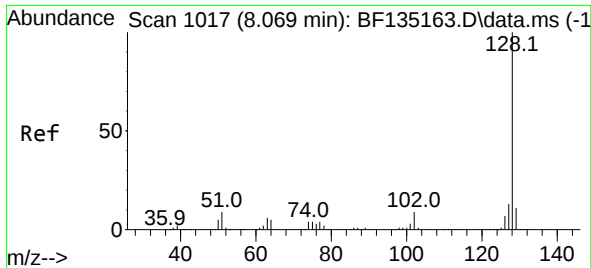
Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Tgt Ion:	180	Resp:	280877
Ion Ratio	Lower	Upper	
180	100		
182	92.2	76.9	115.3
145	31.6	24.5	36.7





#31
Naphthalene
Concen: 49.215 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

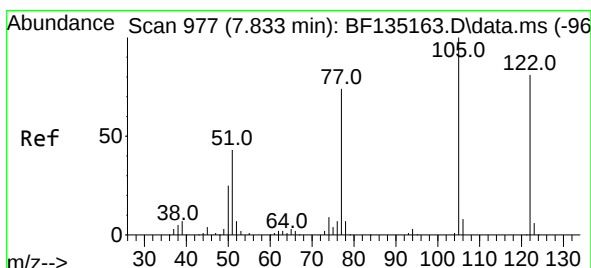
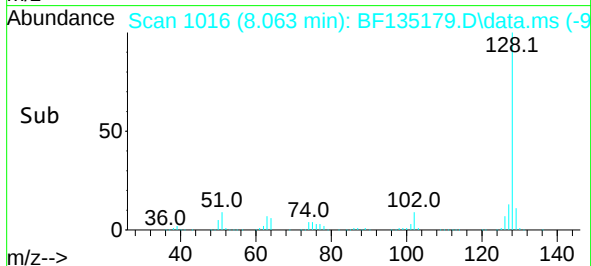
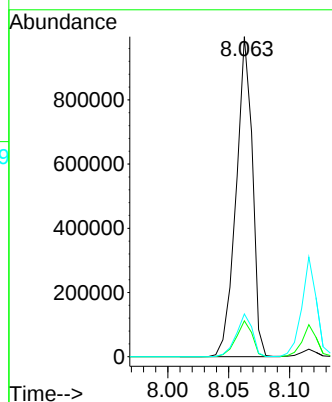
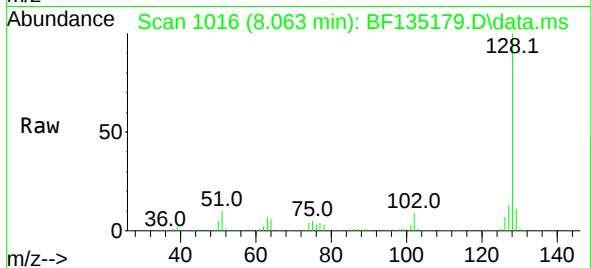
SB-8(12-12.5)MS

Tgt Ion:128 Resp: 92627
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.7 16.1

Manual Integrations

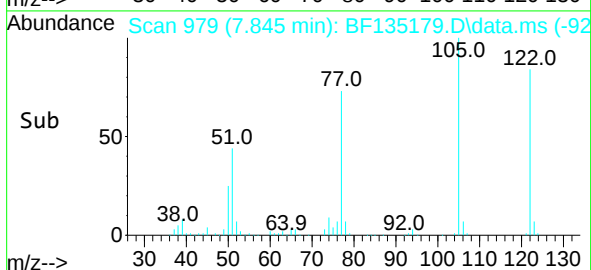
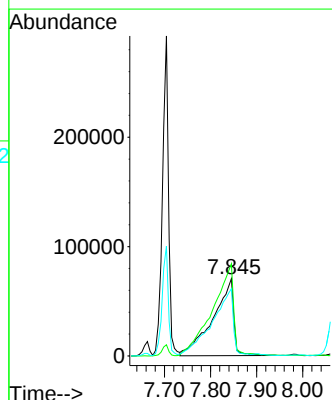
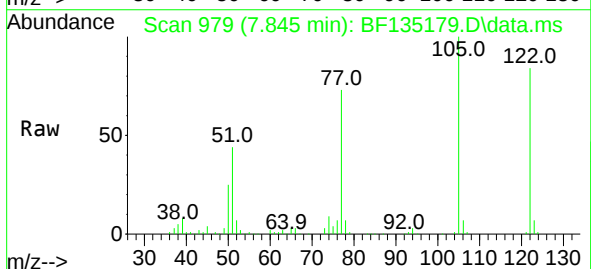
APPROVED

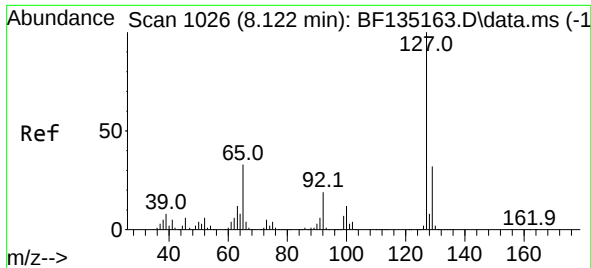
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#32
Benzoic acid
Concen: 51.120 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Tgt Ion:122 Resp: 218844
Ion Ratio Lower Upper
122 100
105 119.3 99.9 139.9
77 87.0 70.0 110.0





#33
4-Chloroaniline
Concen: 32.793 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

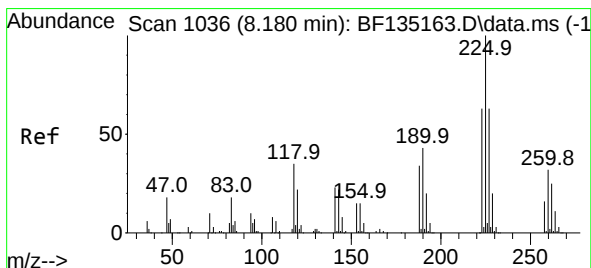
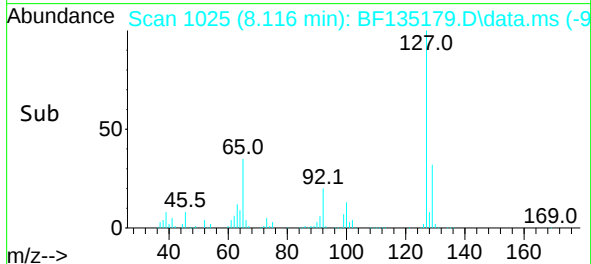
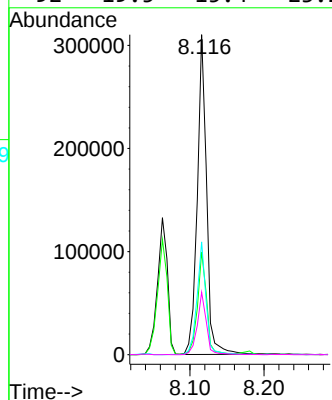
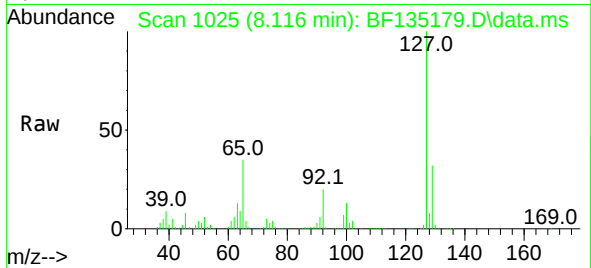
SB-8(12-12.5)MS

Tgt Ion:127 Resp: 27079
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.8
65 35.3 26.6 39.8
92 19.5 15.4 23.2

Manual Integrations

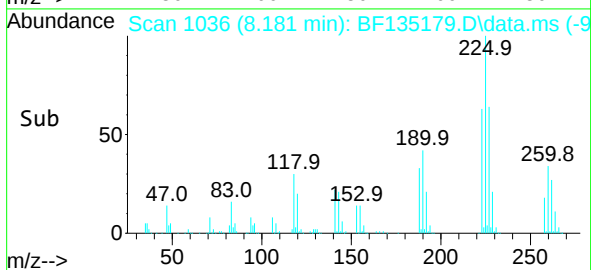
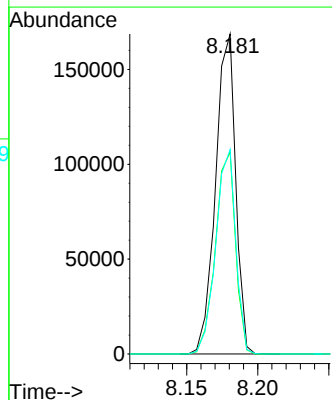
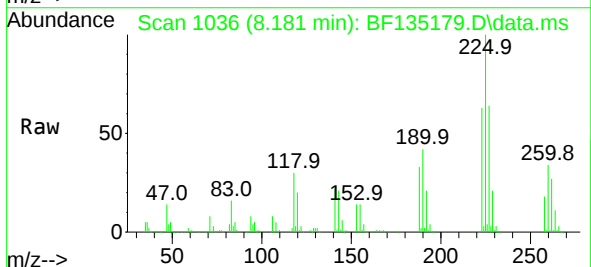
APPROVED

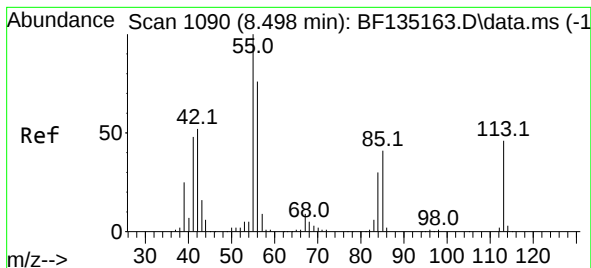
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#34
Hexachlorobutadiene
Concen: 49.933 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Tgt Ion:225 Resp: 165786
Ion Ratio Lower Upper
225 100
223 63.1 50.6 75.8
227 63.9 50.8 76.2





#35

Caprolactam

Concen: 53.039 ng m

RT: 8.498 min Scan# 1090

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion:113 Resp: 93774

Ion Ratio Lower Upper

113 100

55 217.4 199.3 239.3

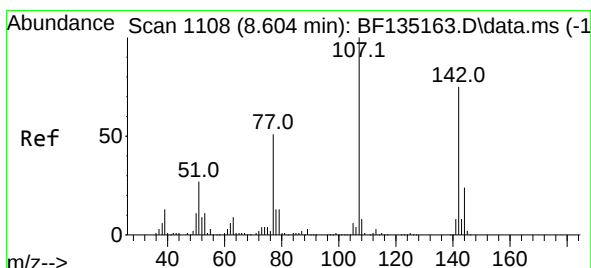
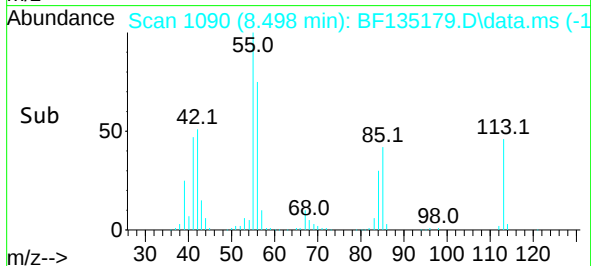
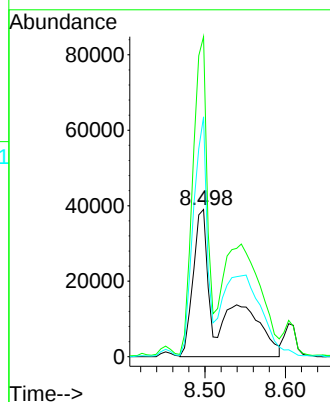
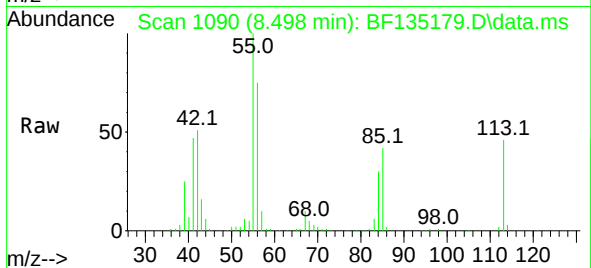
56 163.0 146.3 186.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#36

4-Chloro-3-methylphenol

Concen: 51.338 ng

RT: 8.604 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

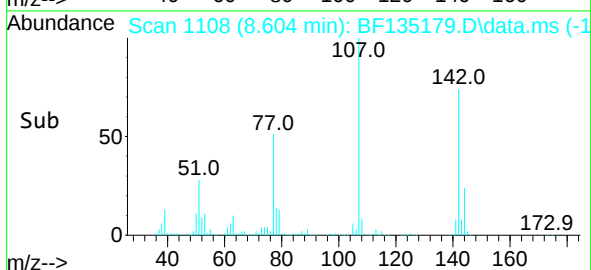
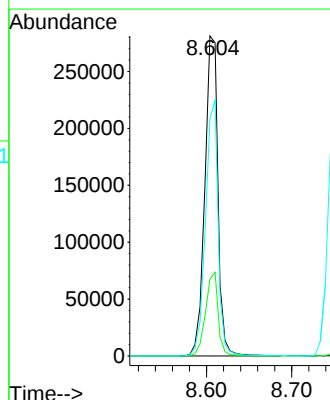
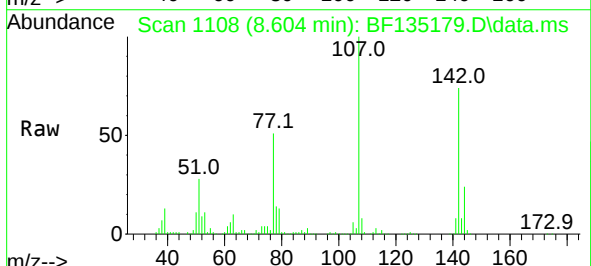
Tgt Ion:107 Resp: 300584

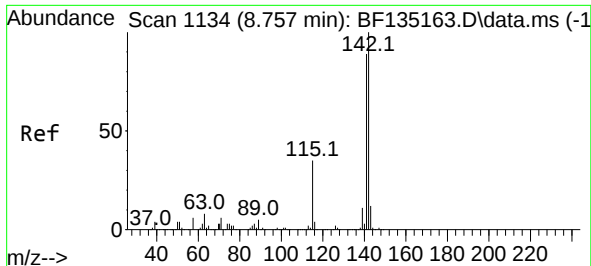
Ion Ratio Lower Upper

107 100

144 24.0 19.0 28.4

142 74.1 60.2 90.2





#37

2-Methylnaphthalene

Concen: 47.235 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion:142 Resp: 597589

Ion Ratio Lower Upper

142 100

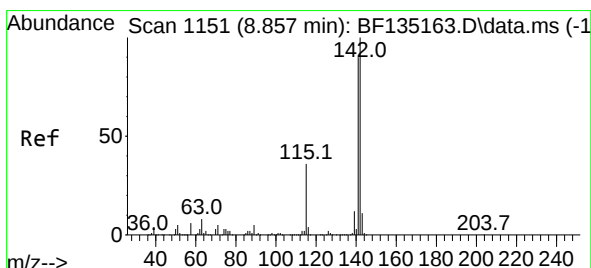
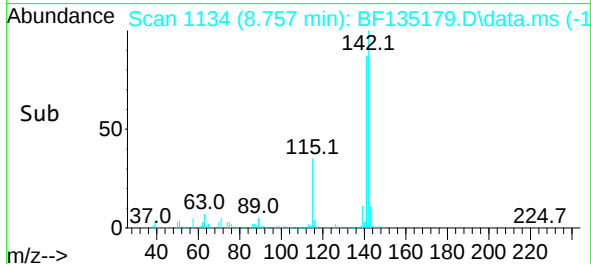
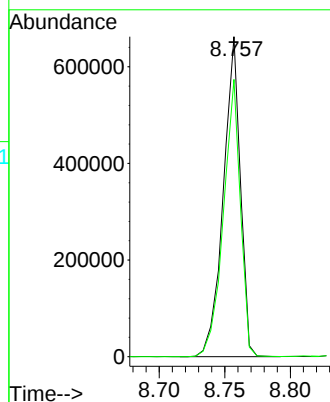
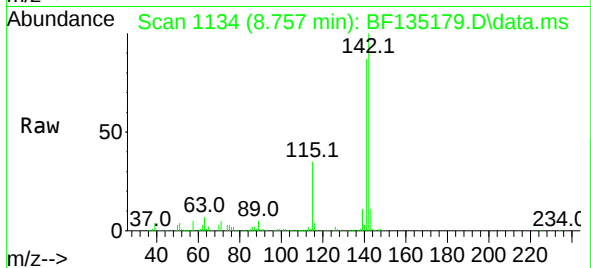
141 86.7 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#38

1-Methylnaphthalene

Concen: 47.762 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135179.D

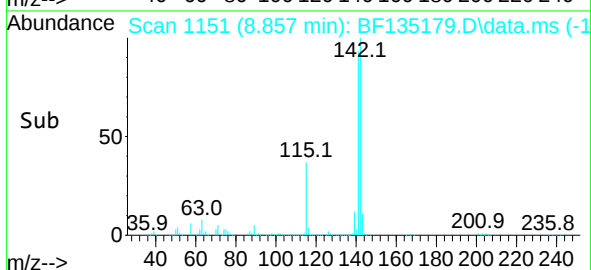
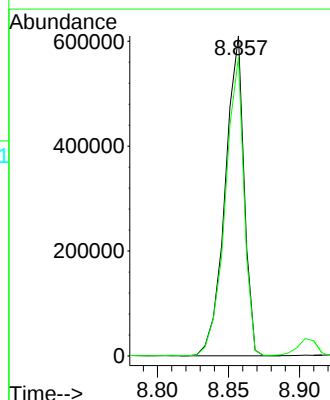
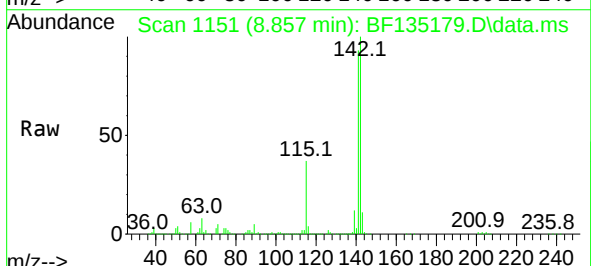
Acq: 12 Sep 2023 13:46

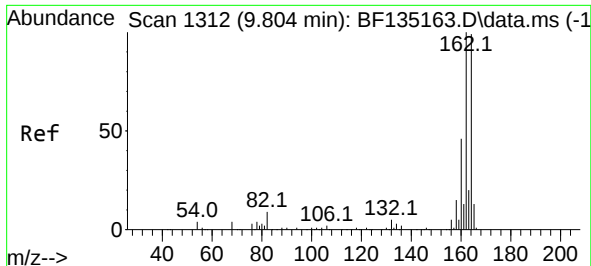
Tgt Ion:142 Resp: 565724

Ion Ratio Lower Upper

142 100

141 93.3 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion:164 Resp: 19808

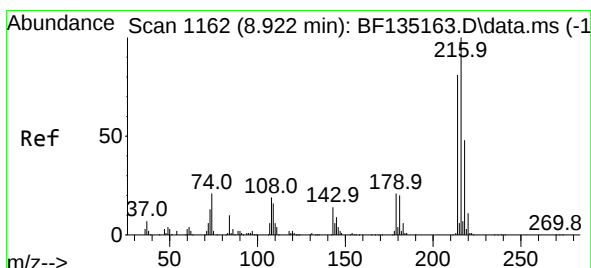
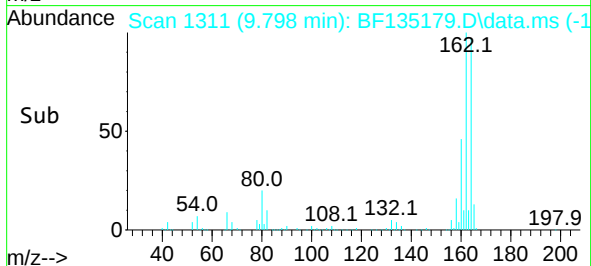
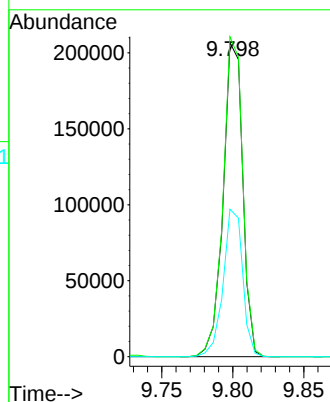
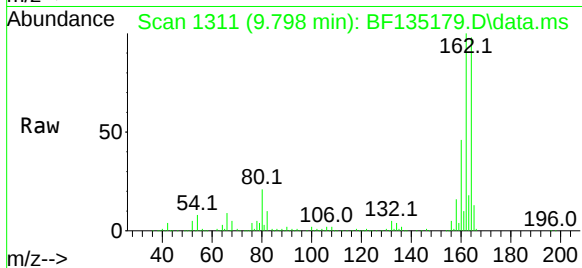
Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.0	121.4
160	47.0	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.146 ng

RT: 8.922 min Scan# 1162

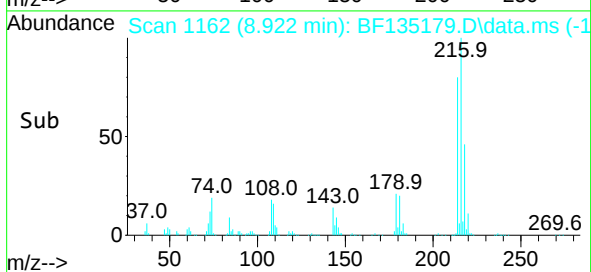
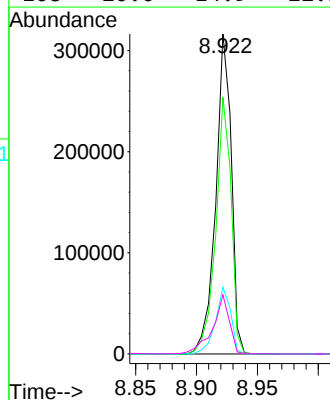
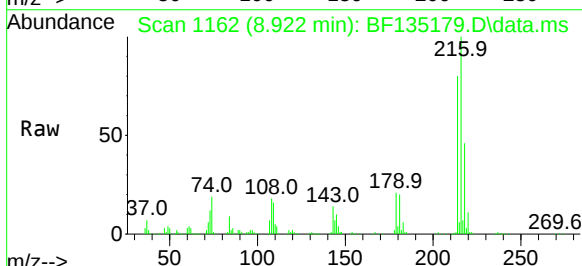
Delta R.T. 0.000 min

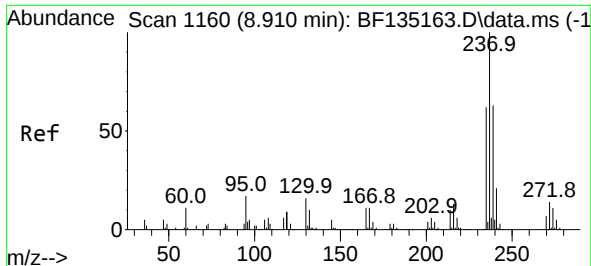
Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Tgt Ion:216 Resp: 282029

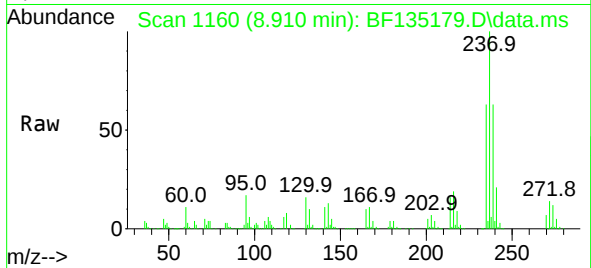
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.7	95.5
179	20.5	16.7	25.1
108	20.0	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 97.135 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

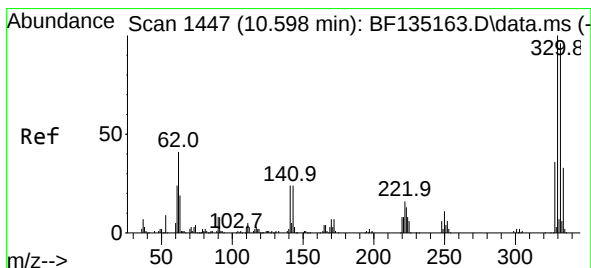
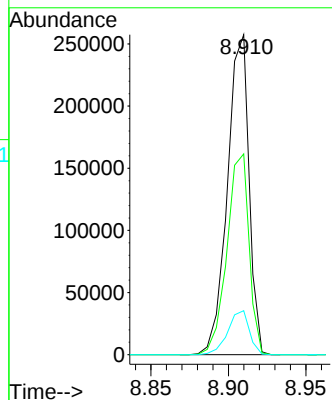
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



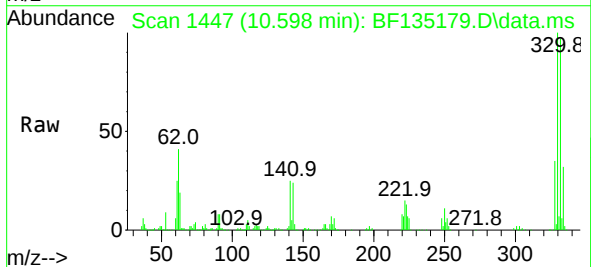
Tgt Ion: 237 Resp: 250020
Ion Ratio Lower Upper
237 100
235 62.7 41.8 81.8
272 13.7 0.0 33.6

Manual Integrations
APPROVED

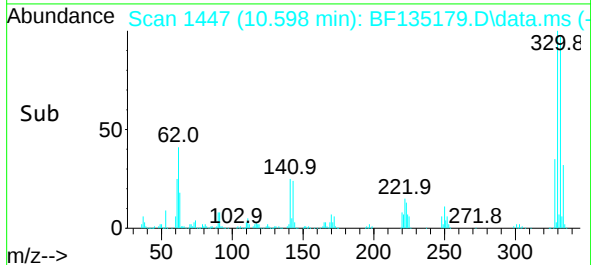
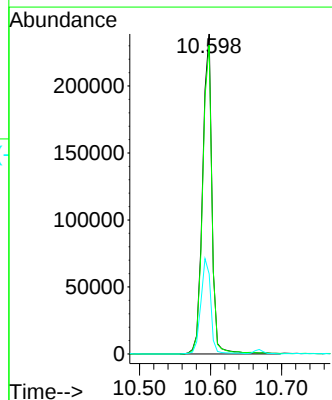
Reviewed By : Yogesh Patel 09/13/2023
Supervised By : mohammad ahmed 09/13/2023

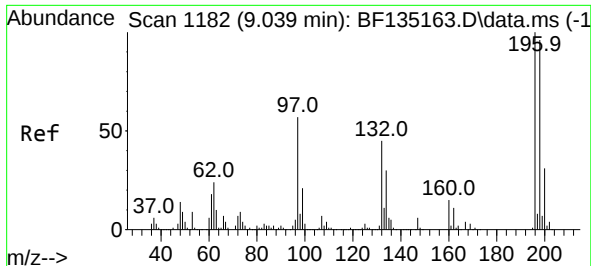


#42
2,4,6-Tribromophenol
Concen: 111.364 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



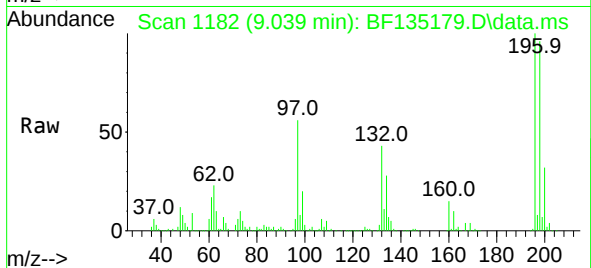
Tgt Ion: 330 Resp: 219214
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 31.7 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 50.901 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

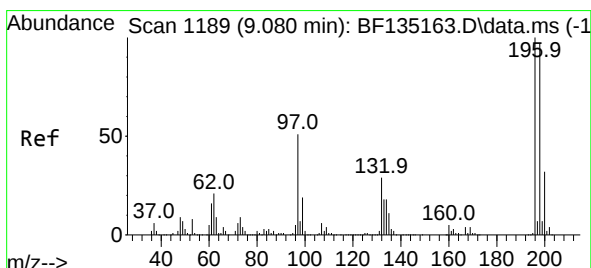
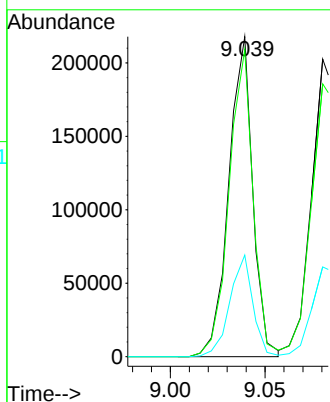
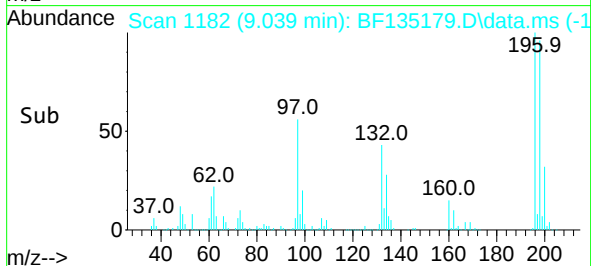
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



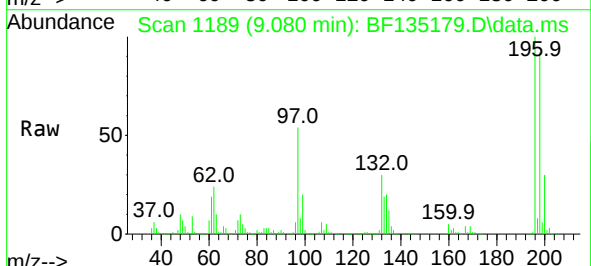
Tgt Ion:196 Resp: 19125
Ion Ratio Lower Upper
196 100
198 96.0 77.0 115.6
200 31.7 24.5 36.7

Manual Integrations
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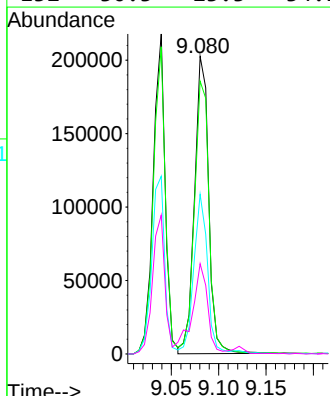
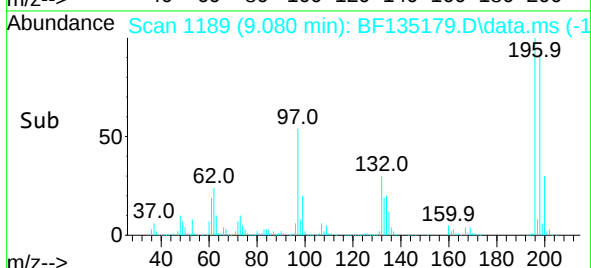
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

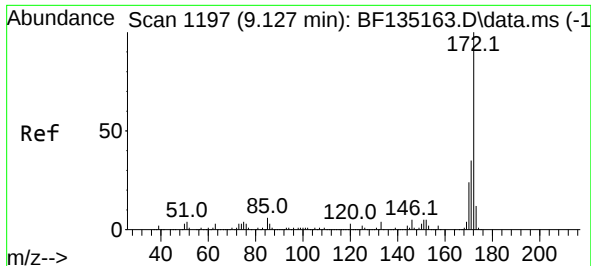


#44
2,4,5-Trichlorophenol
Concen: 48.698 ng
RT: 9.080 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



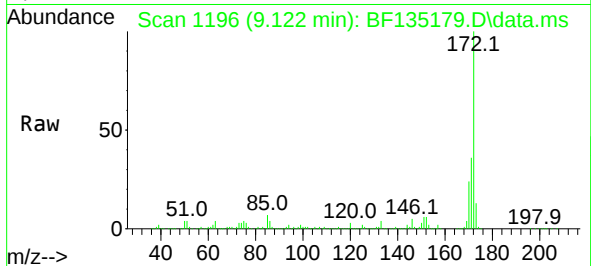
Tgt Ion:196 Resp: 210713
Ion Ratio Lower Upper
196 100
198 91.7 77.5 116.3
97 53.7 40.5 60.7
132 30.3 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 66.803 ng
RT: 9.122 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

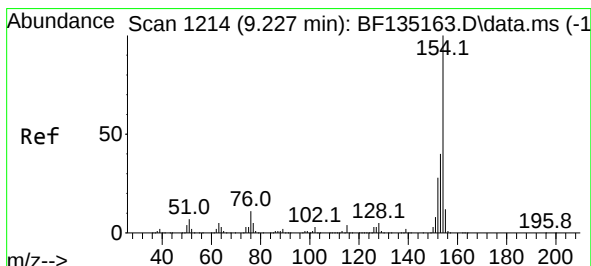
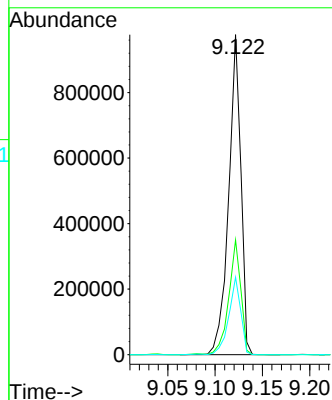
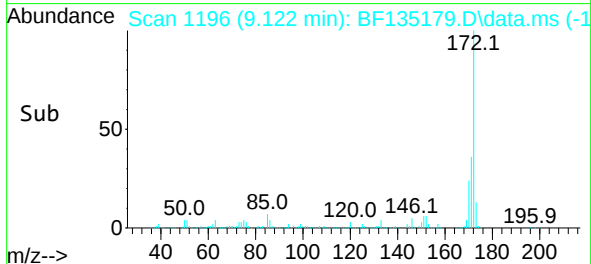
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



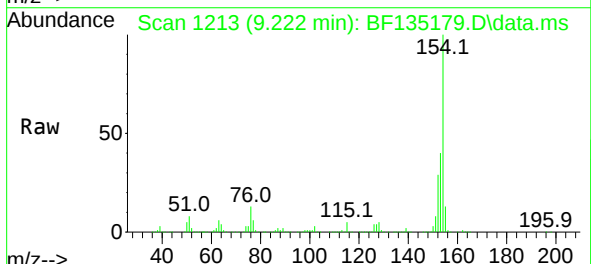
Tgt Ion:172 Resp: 877062
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.2 19.0 28.4

Manual Integrations
APPROVED

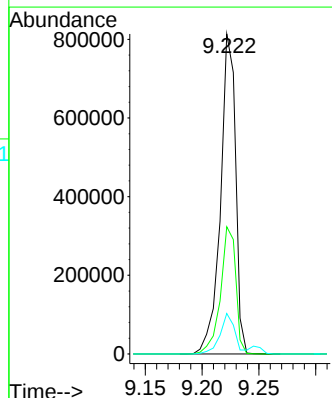
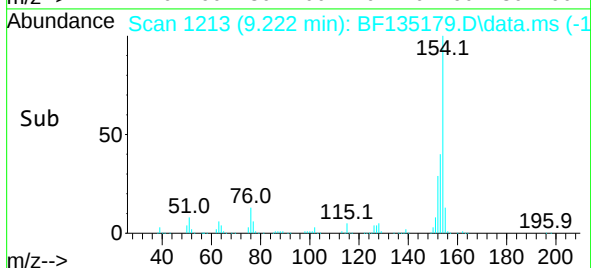
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

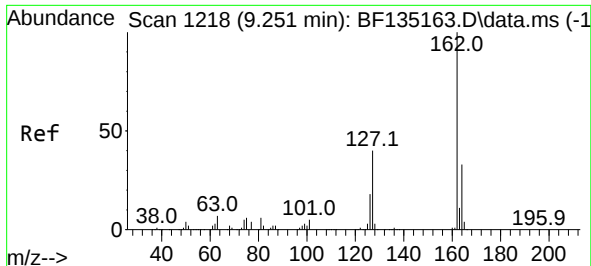


#46
1,1'-Biphenyl
Concen: 49.620 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



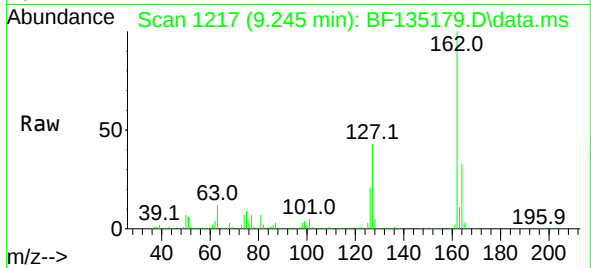
Tgt Ion:154 Resp: 755332
Ion Ratio Lower Upper
154 100
153 39.8 19.6 59.6
76 12.6 0.0 31.0





#47
2-Chloronaphthalene
Concen: 50.882 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

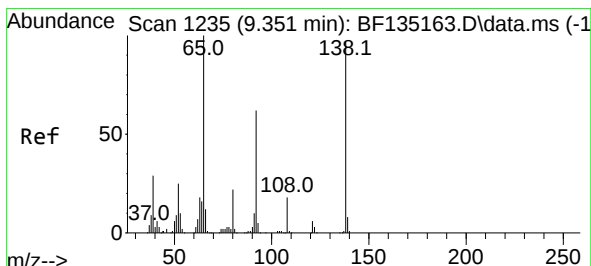
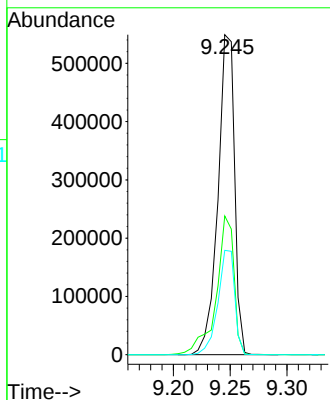
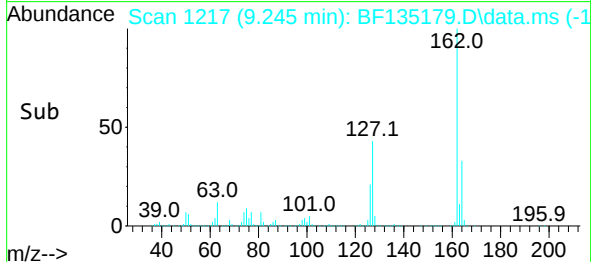
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



Tgt Ion:162 Resp: 56197
Ion Ratio Lower Upper
162 100
127 43.3 32.6 48.8
164 32.6 26.2 39.2

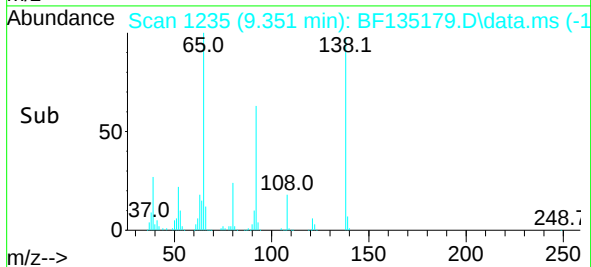
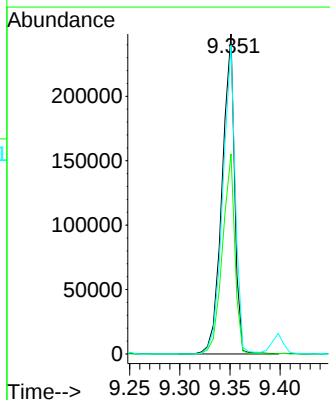
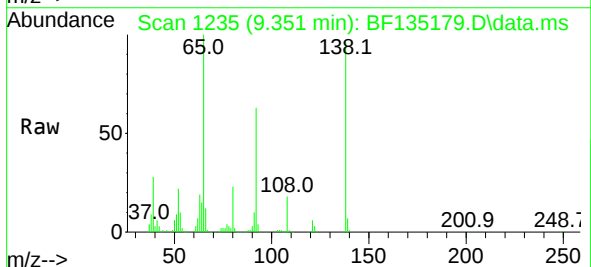
Manual Integrations
APPROVED

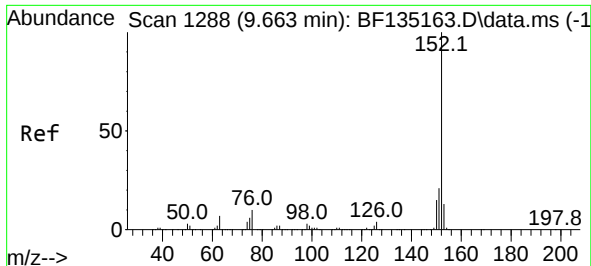
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#48
2-Nitroaniline
Concen: 50.329 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

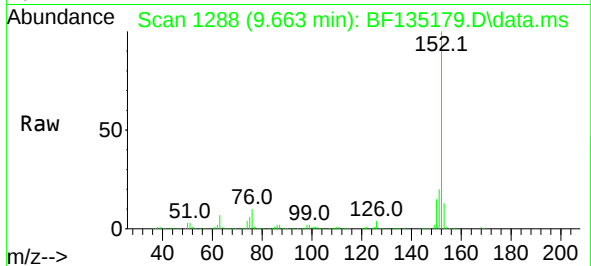
Tgt Ion: 65 Resp: 215953
Ion Ratio Lower Upper
65 100
92 62.6 49.4 74.0
138 96.5 77.4 116.0





#49
Acenaphthylene
Concen: 50.412 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

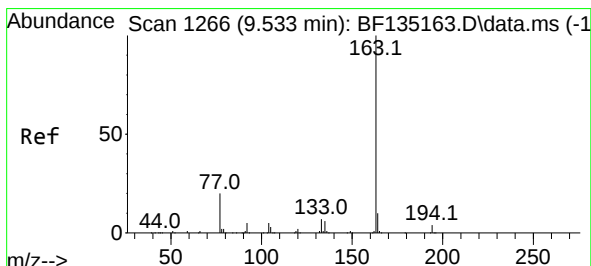
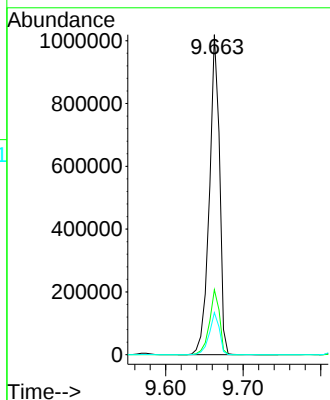
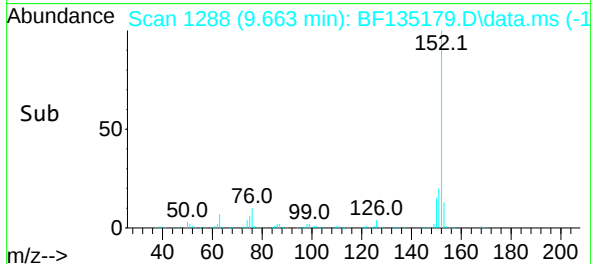
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



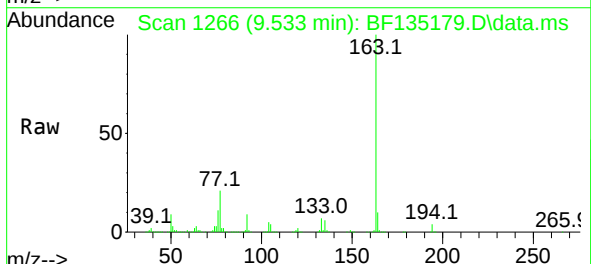
Tgt Ion:152 Resp: 925338
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.2 10.4 15.6

Manual Integrations
APPROVED

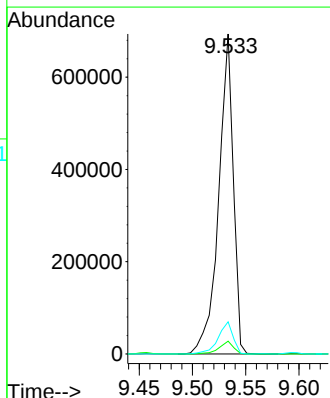
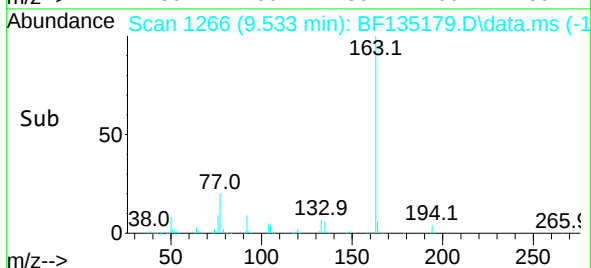
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

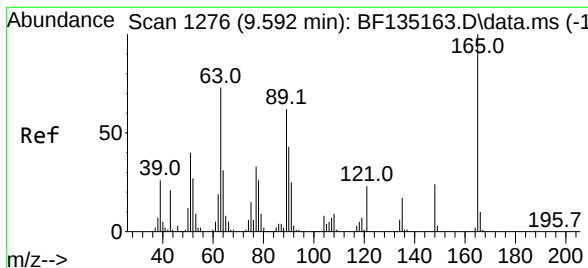


#50
Dimethylphthalate
Concen: 49.267 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



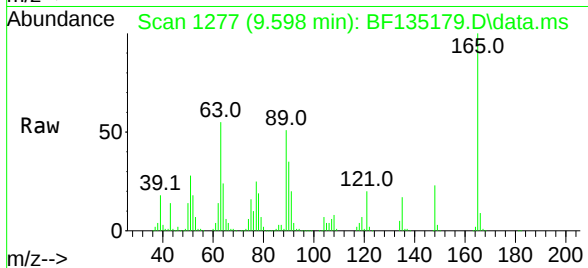
Tgt Ion:163 Resp: 659797
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 51.121 ng
RT: 9.598 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

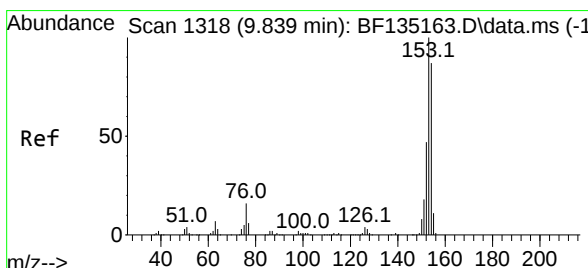
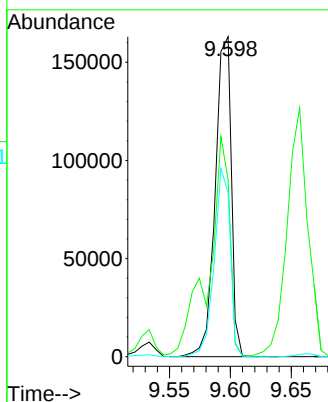
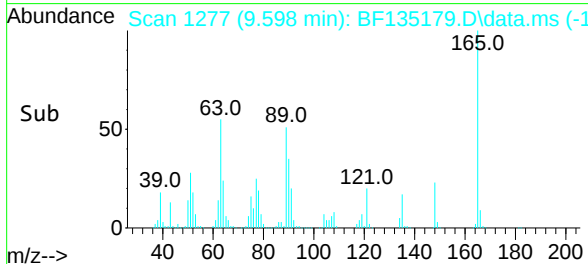
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



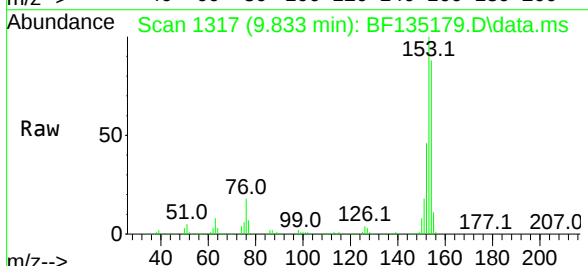
Tgt Ion:165 Resp: 149978
Ion Ratio Lower Upper
165 100
63 55.2 59.4 89.2
89 51.2 49.8 74.8

Manual Integrations
APPROVED

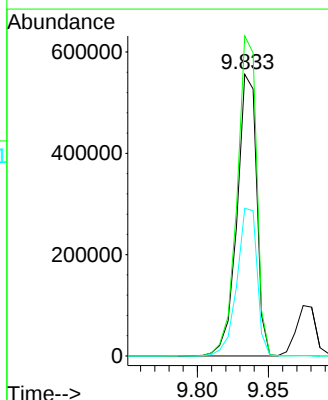
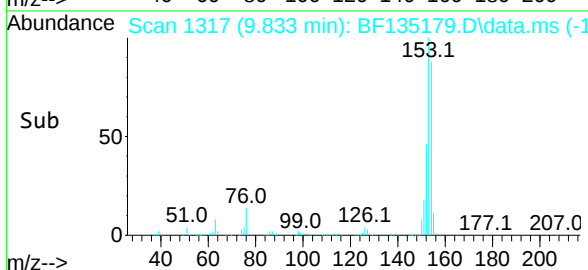
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

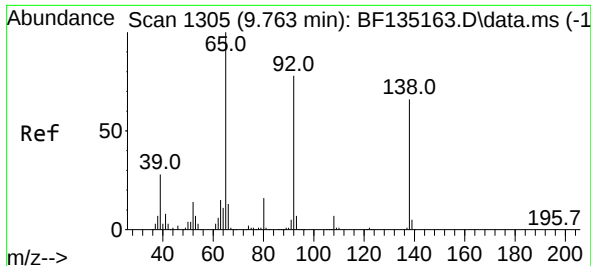


#52
Acenaphthene
Concen: 49.418 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



Tgt Ion:154 Resp: 535859
Ion Ratio Lower Upper
154 100
153 113.6 92.1 138.1
152 52.5 43.1 64.7





#53
3-Nitroaniline
Concen: 40.240 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

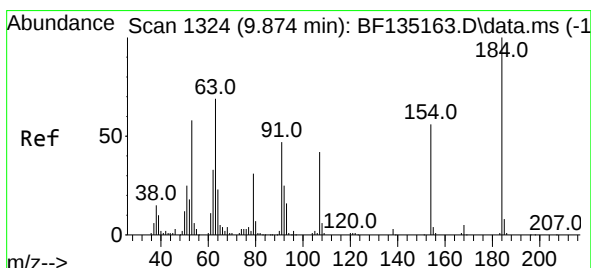
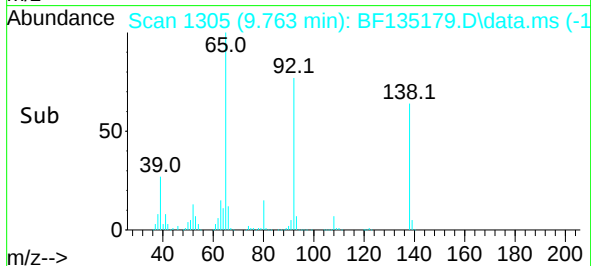
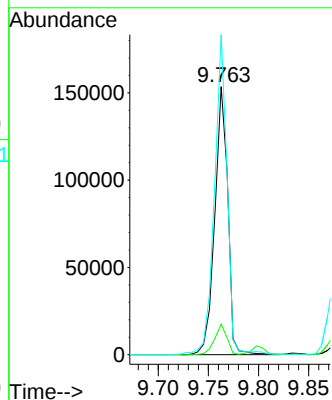
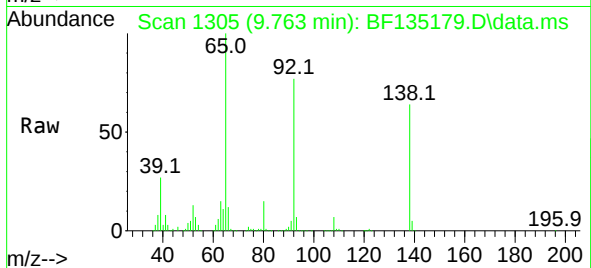
SB-8(12-12.5)MS

Tgt Ion:138 Resp: 138578
Ion Ratio Lower Upper
138 100
108 11.4 8.5 12.7
92 119.4 95.4 143.0

Manual Integrations

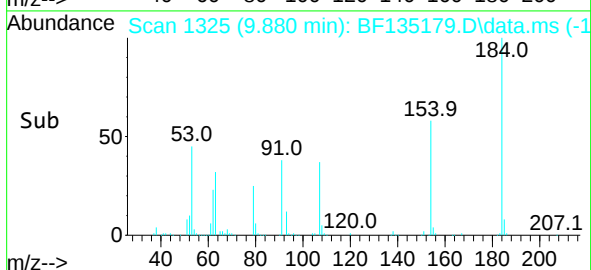
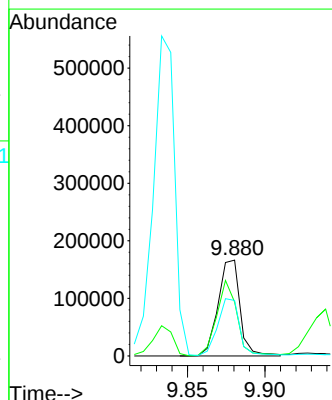
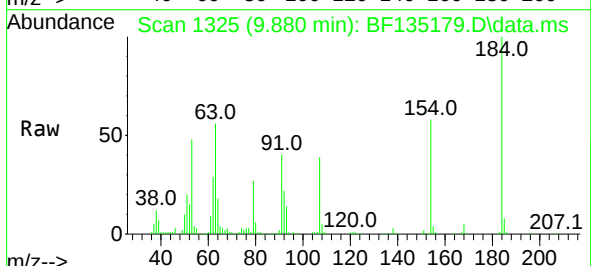
APPROVED

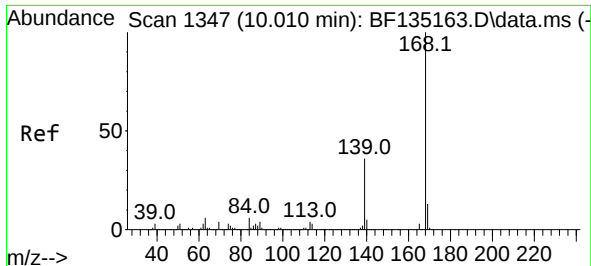
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#54
2,4-Dinitrophenol
Concen: 97.291 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

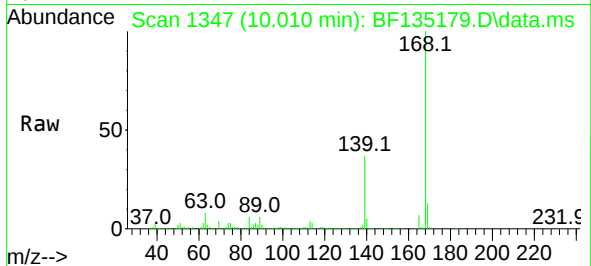
Tgt Ion:184 Resp: 164479
Ion Ratio Lower Upper
184 100
63 56.2 55.1 82.7
154 57.9 48.4 72.6





#55
Dibenzofuran
Concen: 48.767 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

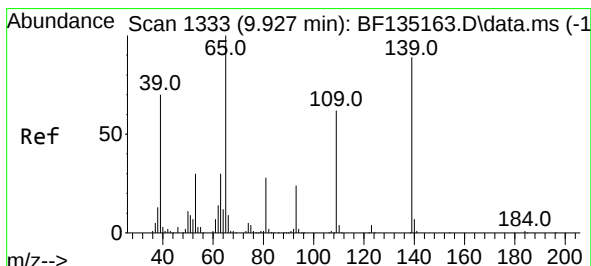
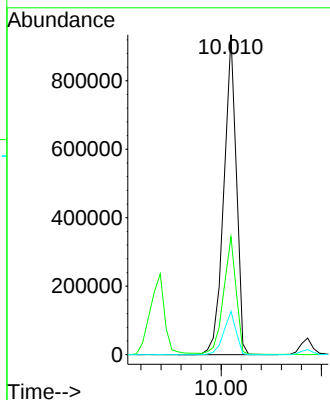
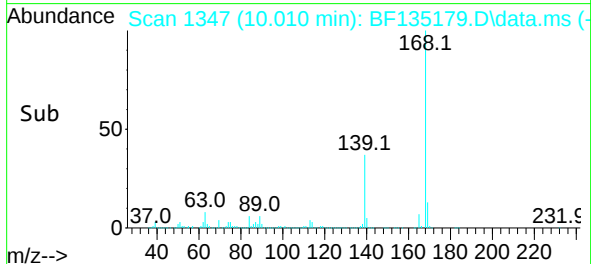
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



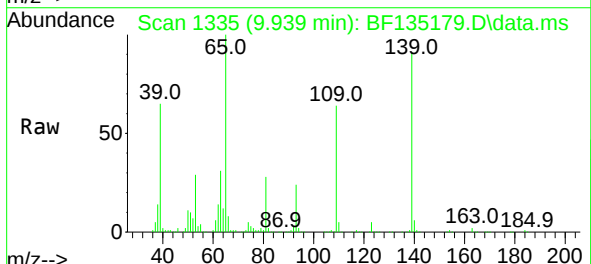
Tgt Ion:168 Resp: 80694
Ion Ratio Lower Upper
168 100
139 36.8 29.0 43.6
169 13.5 10.4 15.6

Manual Integrations
APPROVED

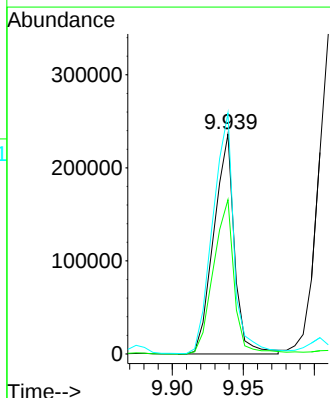
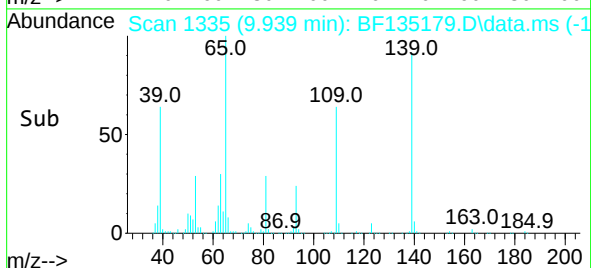
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

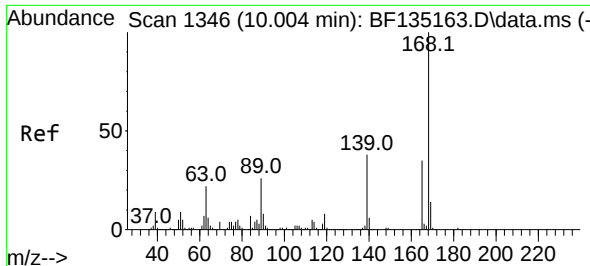


#56
4-Nitrophenol
Concen: 109.215 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



Tgt Ion:139 Resp: 239041
Ion Ratio Lower Upper
139 100
109 70.2 49.8 89.8
65 109.6 92.7 132.7





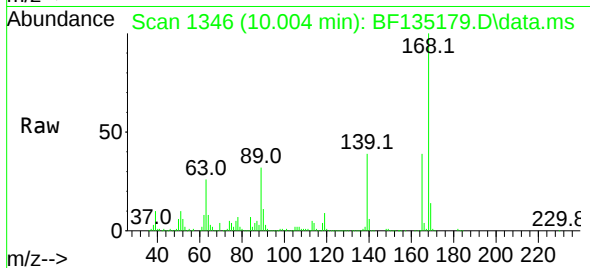
#57
2,4-Dinitrotoluene
Concen: 49.898 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS



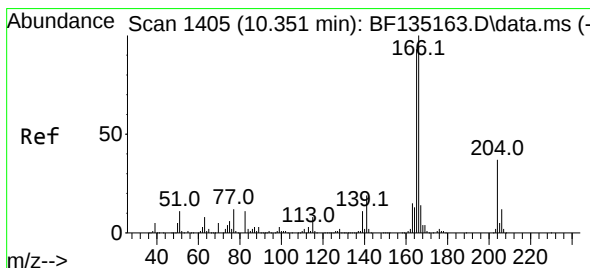
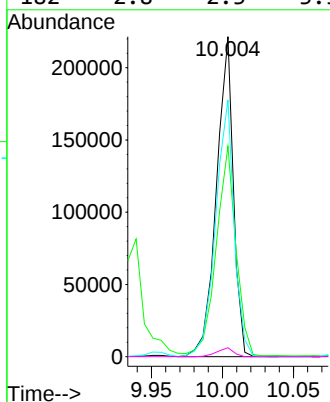
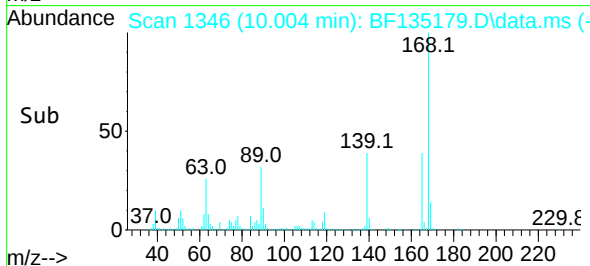
Tgt Ion:165 Resp: 183268
Ion Ratio Lower Upper
165 100
63 65.7 50.1 75.1
89 80.3 59.3 88.9
182 2.8 2.3 3.5

Manual Integrations

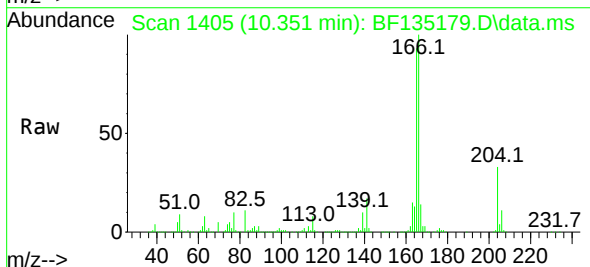
APPROVED

Reviewed By :Yogesh Patel 09/13/2023

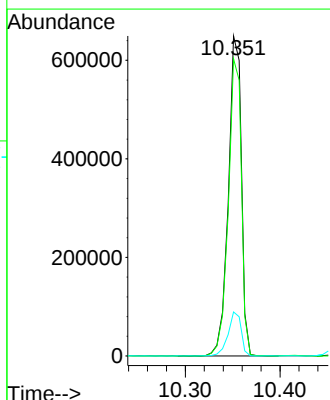
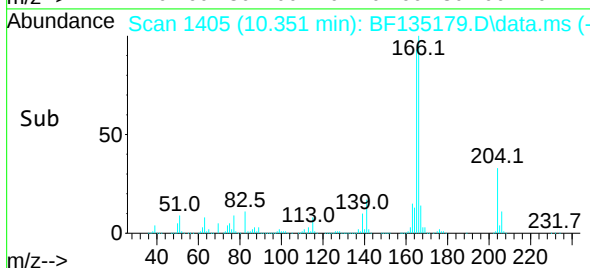
Supervised By :mohammad ahmed 09/13/2023

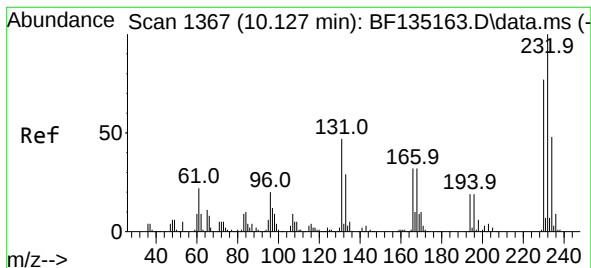


#58
Fluorene
Concen: 48.976 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



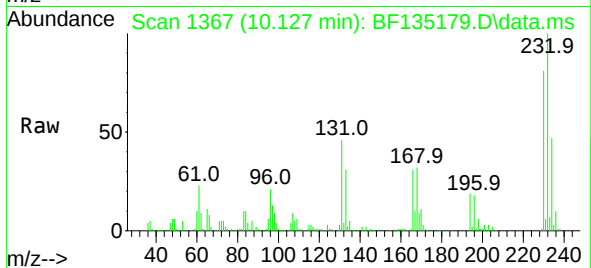
Tgt Ion:166 Resp: 623001
Ion Ratio Lower Upper
166 100
165 92.9 74.3 111.5
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.420 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

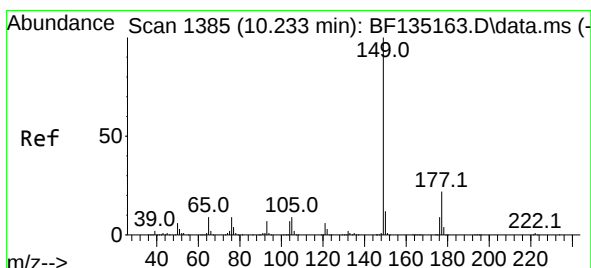
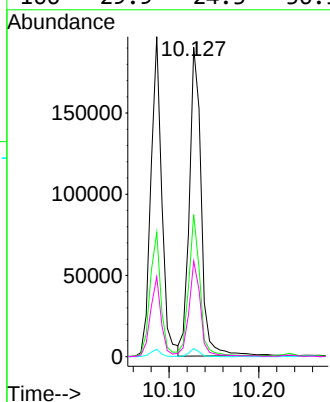
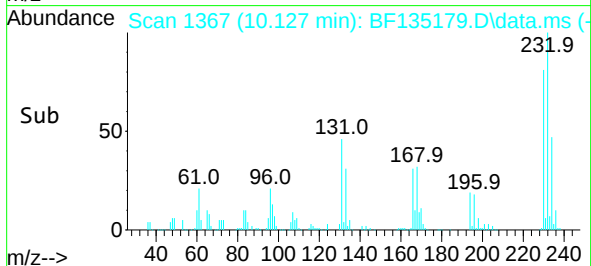
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



Tgt Ion:232 Resp: 174470
Ion Ratio Lower Upper
232 100
131 43.7 35.4 53.2
130 2.4 1.8 2.8
166 29.9 24.3 36.5

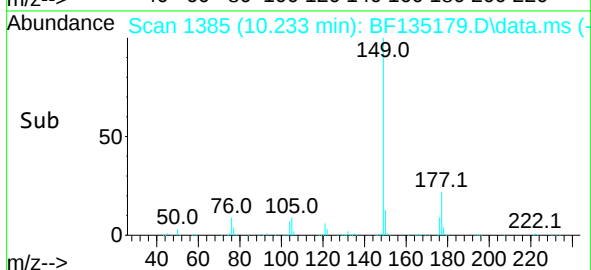
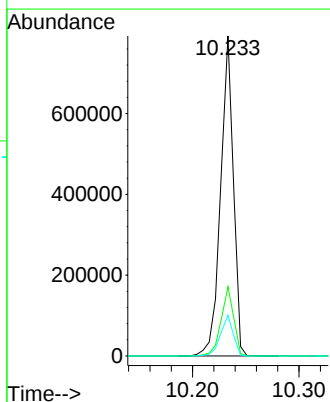
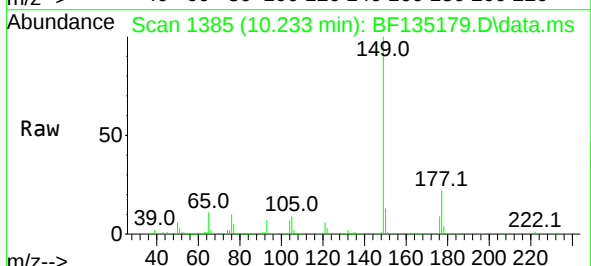
Manual Integrations
APPROVED

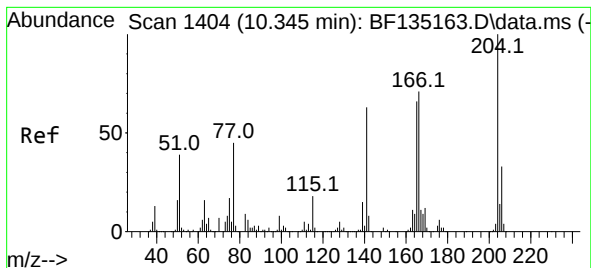
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#60
Diethylphthalate
Concen: 48.967 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

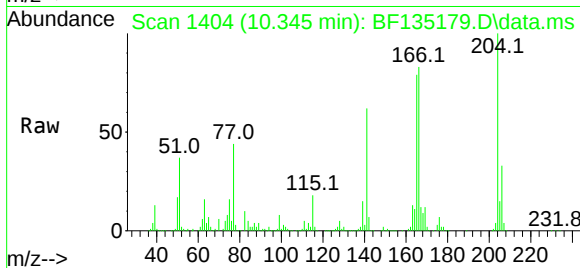
Tgt Ion:149 Resp: 658135
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.116 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

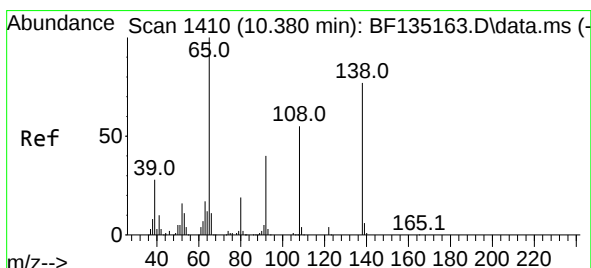
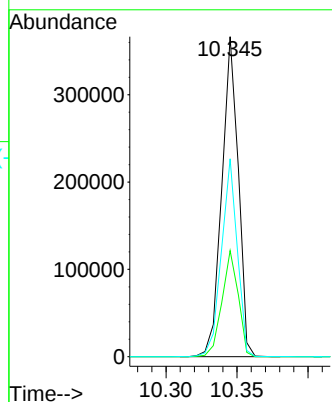
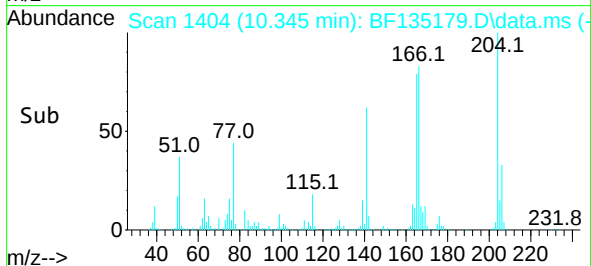
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



Tgt Ion:204 Resp: 29401
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 61.8 50.6 75.8

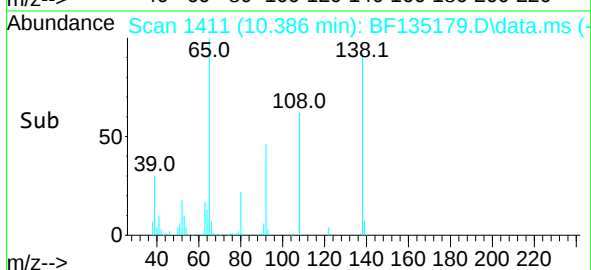
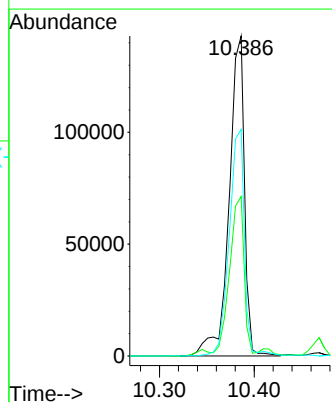
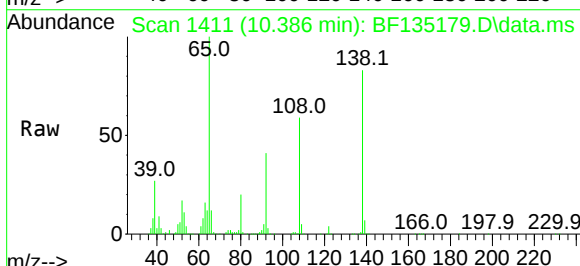
Manual Integrations
APPROVED

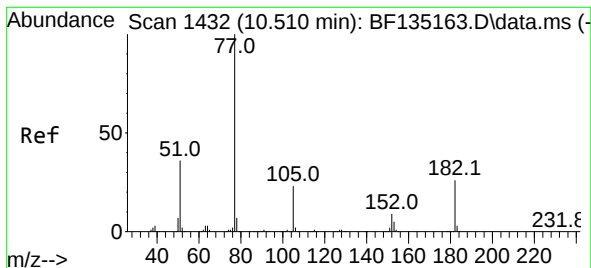
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#62
4-Nitroaniline
Concen: 48.876 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

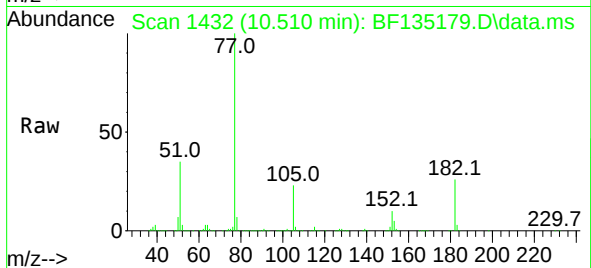
Tgt Ion:138 Resp: 161797
Ion Ratio Lower Upper
138 100
92 49.9 31.8 71.8
108 70.8 52.0 92.0





#63
Azobenzene
Concen: 49.551 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

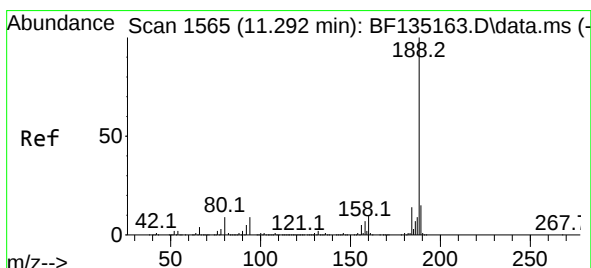
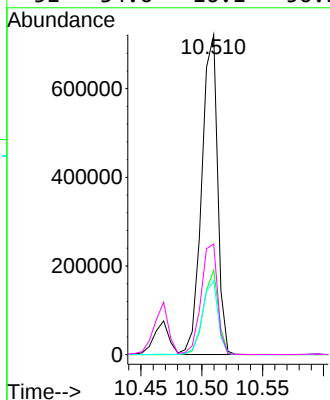
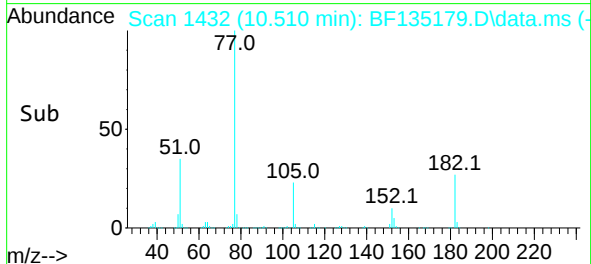
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



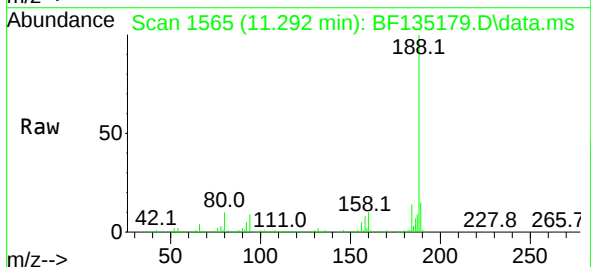
Tgt Ion: 77 Resp: 651798
Ion Ratio Lower Upper
77 100
182 26.5 6.4 46.4
105 23.1 3.1 43.1
51 34.6 16.1 56.1

Manual Integrations
APPROVED

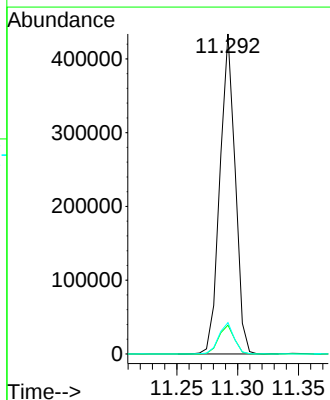
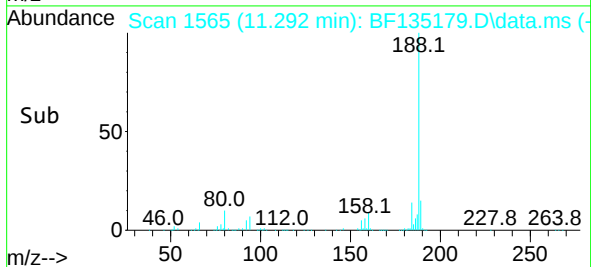
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

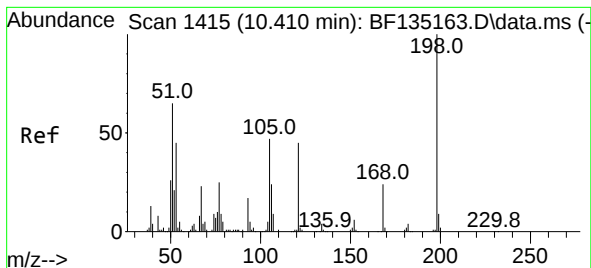


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



Tgt Ion:188 Resp: 380018
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.8 7.5 11.3





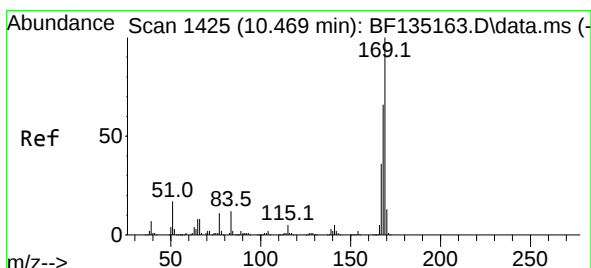
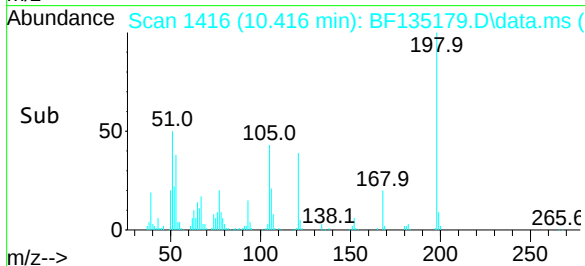
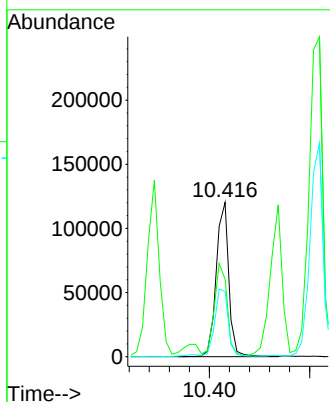
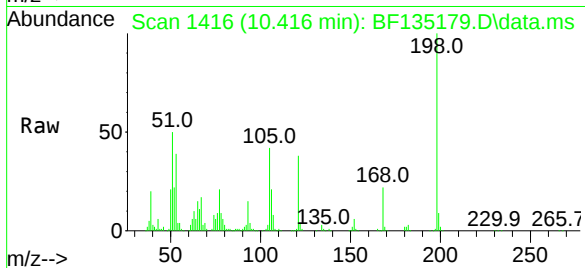
#65
4,6-Dinitro-2-methylphenol
Concen: 51.883 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS

Tgt Ion:198 Resp: 10472
Ion Ratio Lower Upper
198 100
51 50.3 47.7 87.7
105 42.3 27.4 67.4

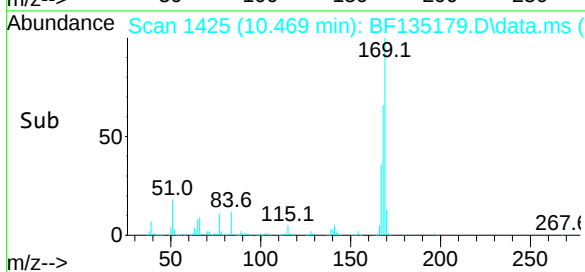
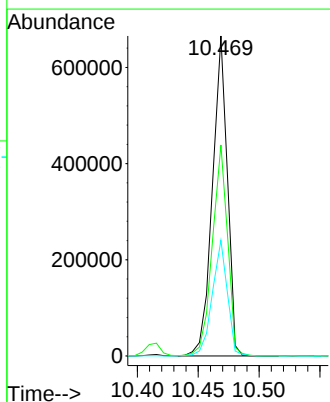
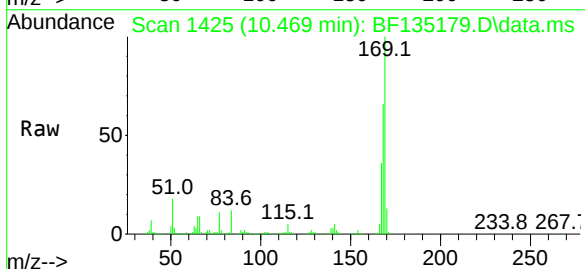
Manual Integrations
APPROVED

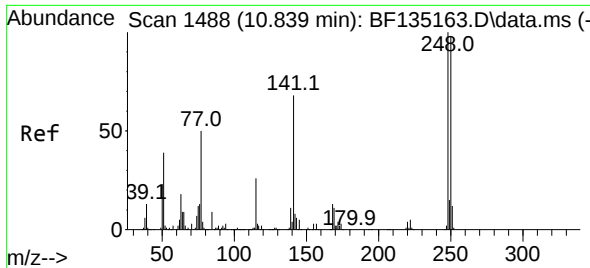
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#66
n-Nitrosodiphenylamine
Concen: 49.265 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

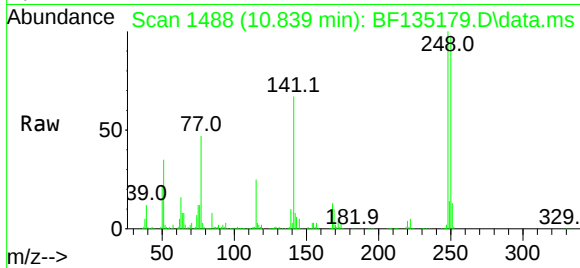
Tgt Ion:169 Resp: 566792
Ion Ratio Lower Upper
169 100
168 66.0 52.8 79.2
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 50.229 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

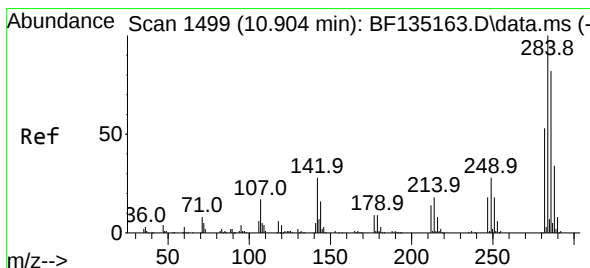
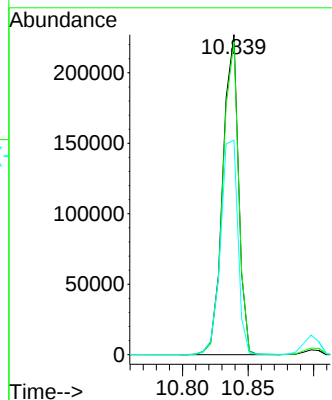
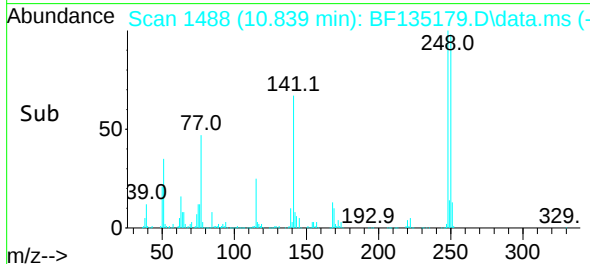
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



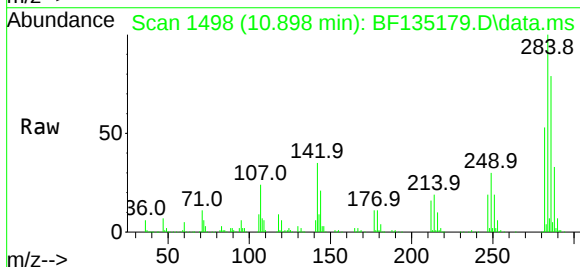
Tgt Ion:248 Resp: 18984
Ion Ratio Lower Upper
248 100
250 97.7 78.6 117.8
141 67.1 54.2 81.2

Manual Integrations
APPROVED

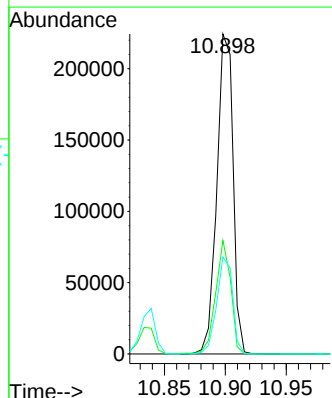
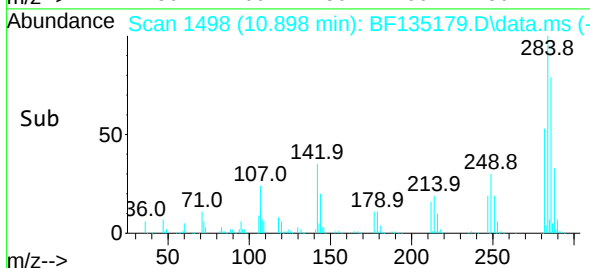
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

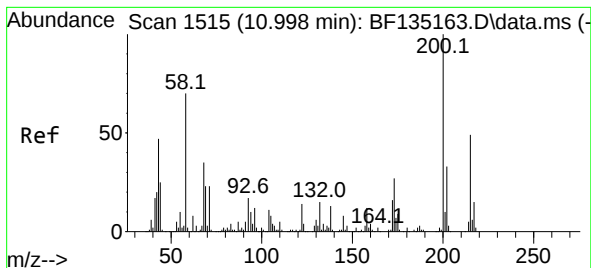


#68
Hexachlorobenzene
Concen: 53.899 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



Tgt Ion:284 Resp: 207538
Ion Ratio Lower Upper
284 100
142 35.5 22.2 33.4#
249 30.3 22.5 33.7





#69

Atrazine

Concen: 56.365 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion:200 Resp: 17448

Ion Ratio Lower Upper

200 100

173 28.7 7.4 47.4

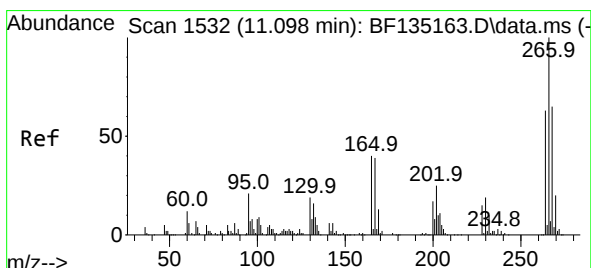
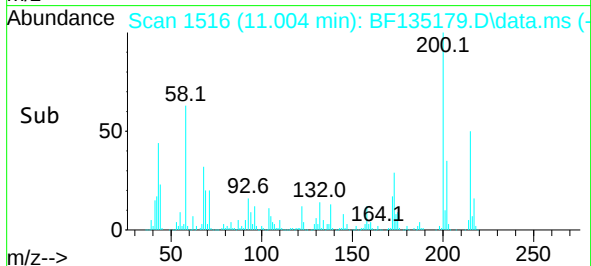
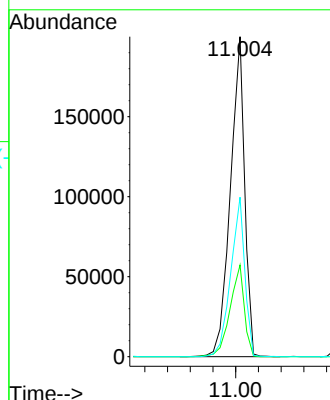
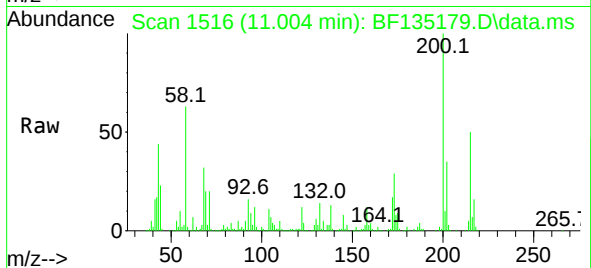
215 49.9 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#70

Pentachlorophenol

Concen: 85.281 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

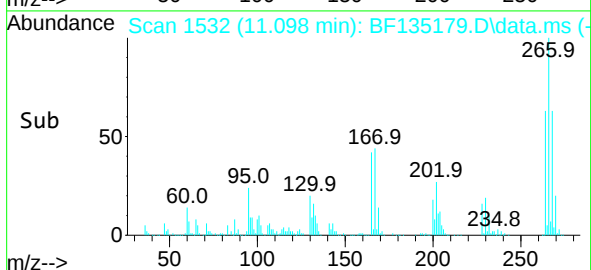
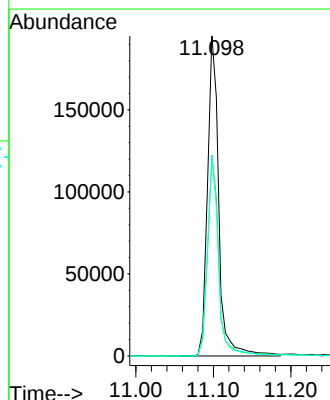
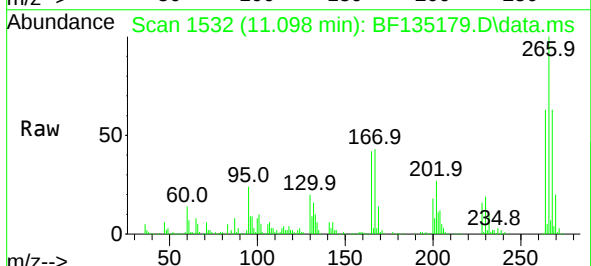
Tgt Ion:266 Resp: 196467

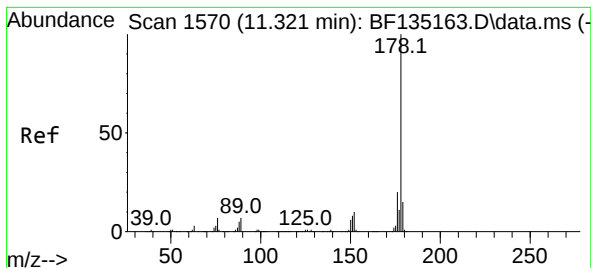
Ion Ratio Lower Upper

266 100

268 62.8 52.1 78.1

264 62.6 50.8 76.2





#71

Phenanthrene

Concen: 49.712 ng

RT: 11.321 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

Tgt Ion:178 Resp: 89348

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

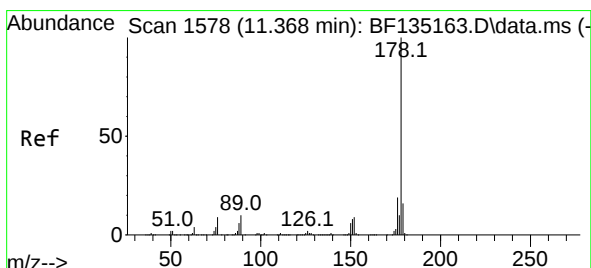
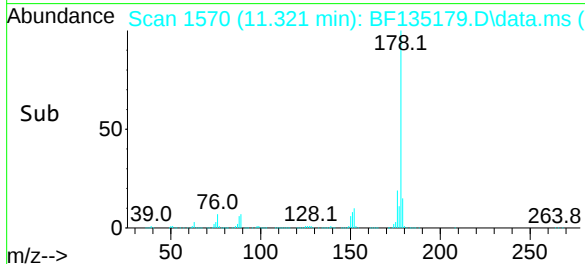
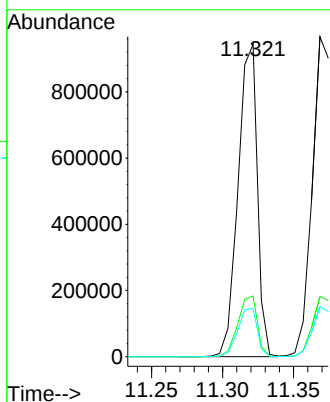
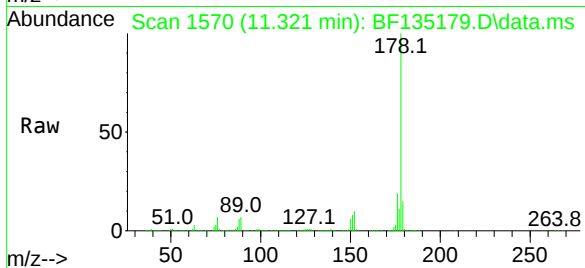
179 15.4 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#72

Anthracene

Concen: 49.715 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

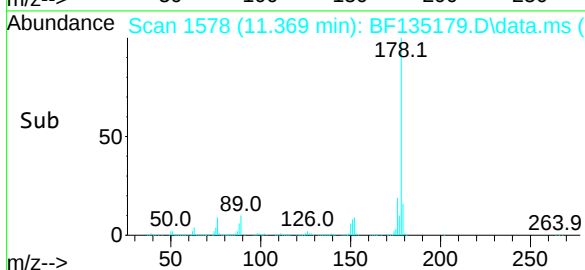
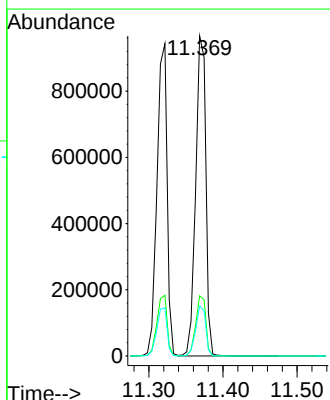
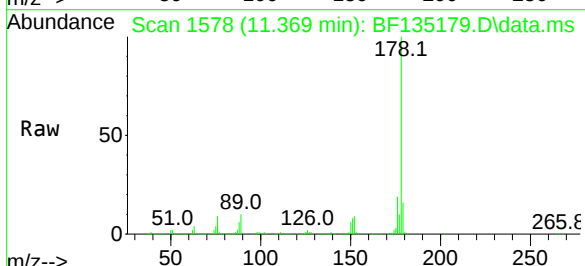
Tgt Ion:178 Resp: 918469

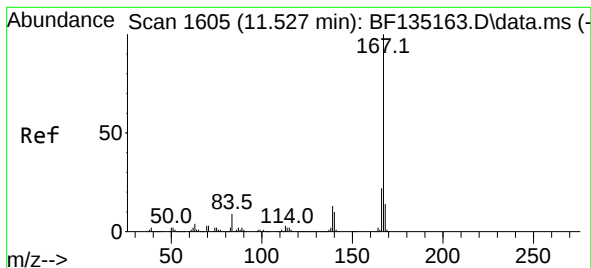
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.7 12.6 19.0





#73

Carbazole

Concen: 50.431 ng

RT: 11.527 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BF135179.D

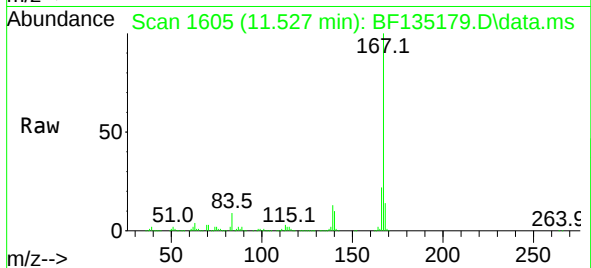
Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS



Tgt Ion:167 Resp: 848134

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

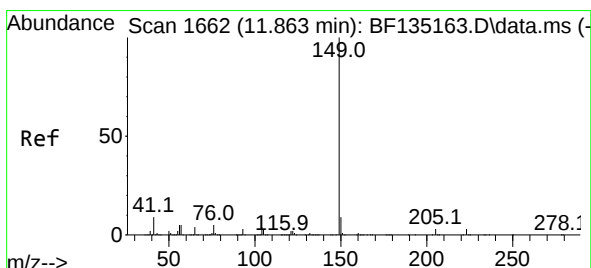
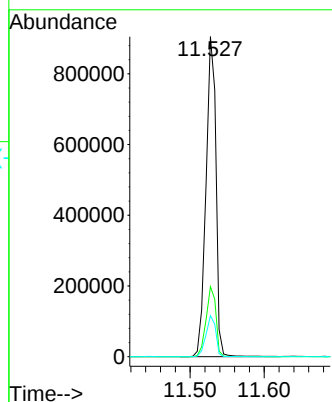
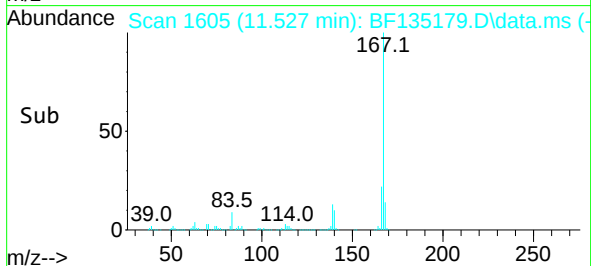
139 12.8 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#74

Di-n-butylphthalate

Concen: 49.965 ng

RT: 11.863 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

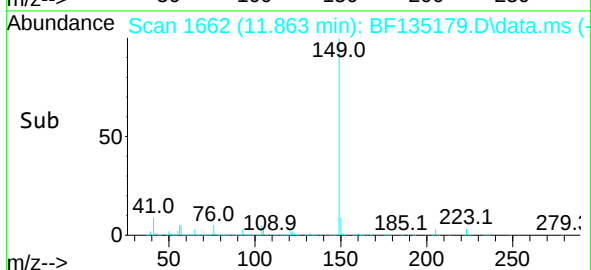
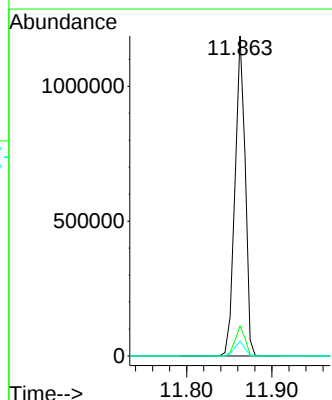
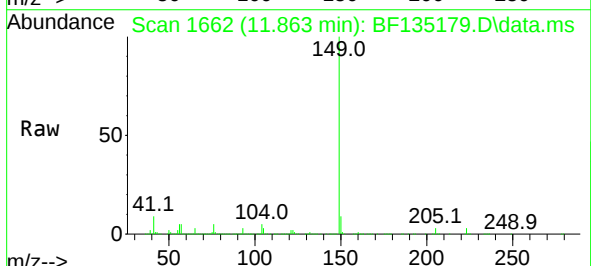
Tgt Ion:149 Resp: 990166

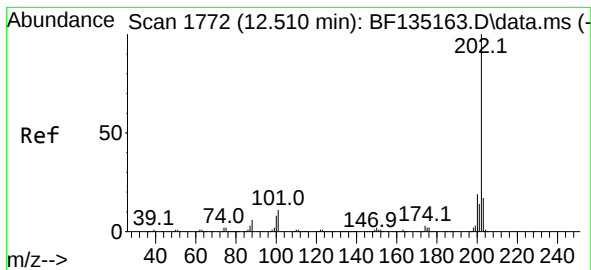
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

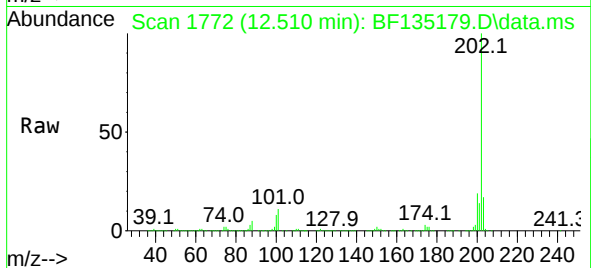
104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 47.444 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

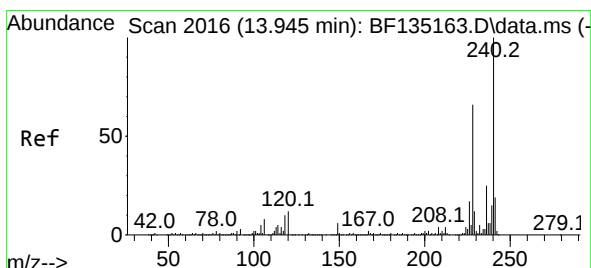
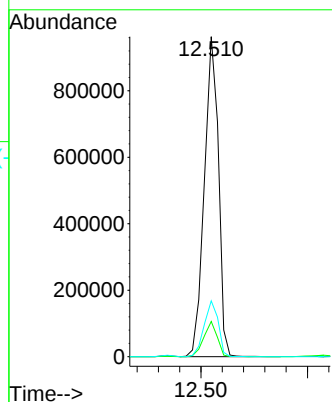
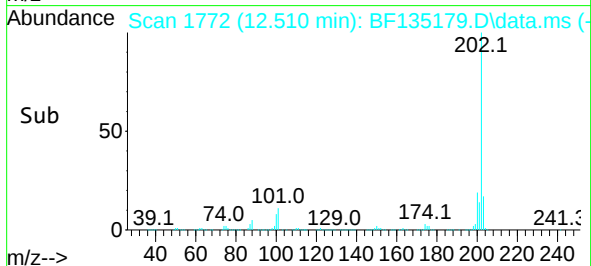
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



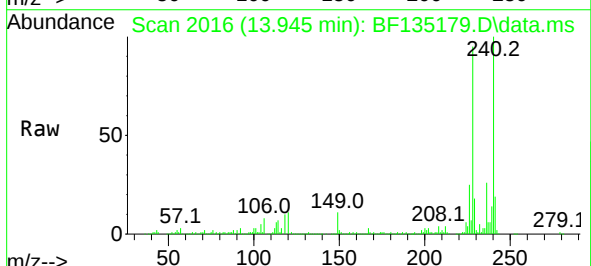
Tgt Ion:202 Resp: 88852
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.3
203 17.5 0.0 37.4

Manual Integrations
APPROVED

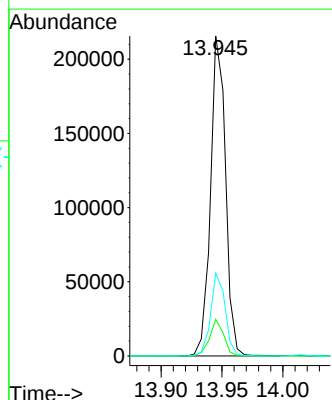
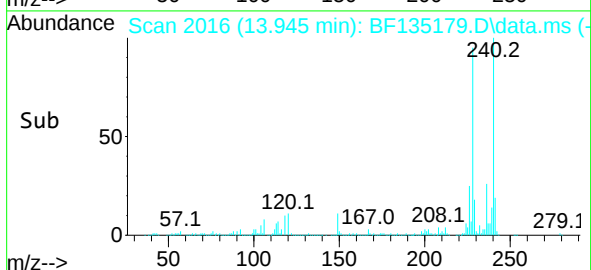
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

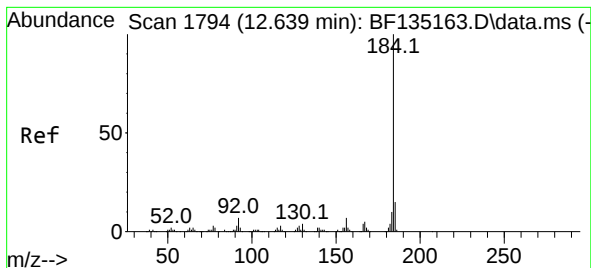


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



Tgt Ion:240 Resp: 184840
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 25.9 19.8 29.8





#77

Benzidine

Concen: 40.510 ng

RT: 12.633 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

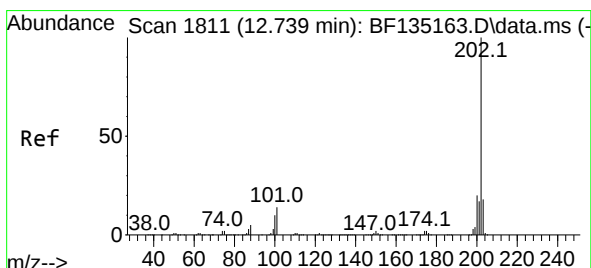
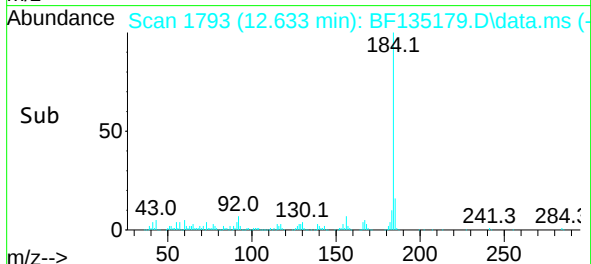
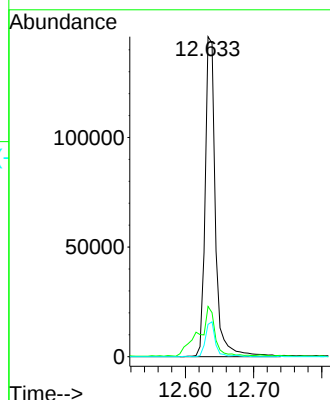
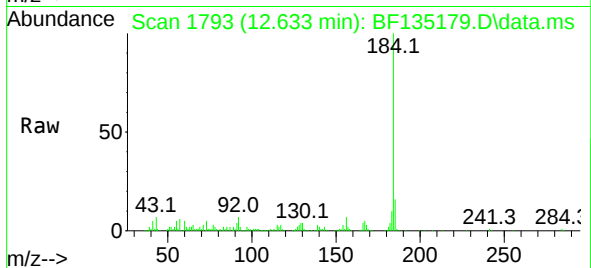
SB-8(12-12.5)MS

Tgt Ion:	184	Resp:	15340
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.7	17.5
183	10.1	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#78

Pyrene

Concen: 50.076 ng

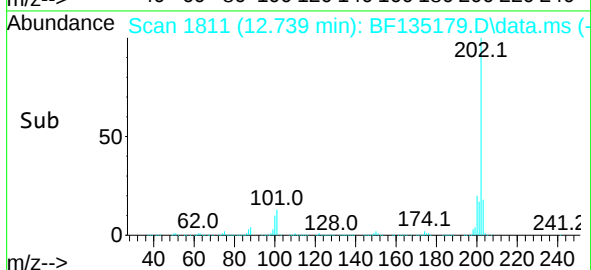
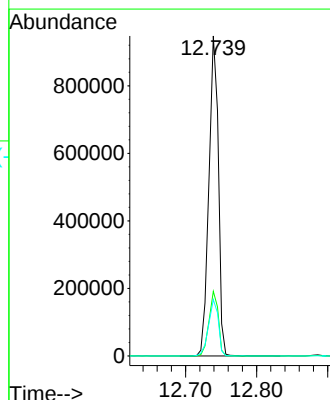
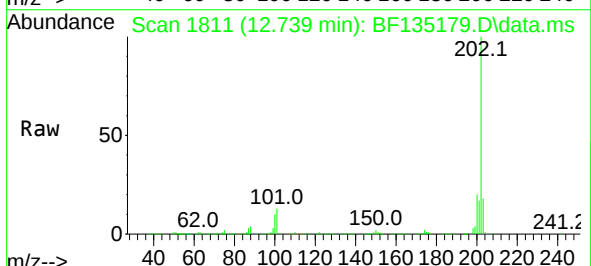
RT: 12.739 min Scan# 1811

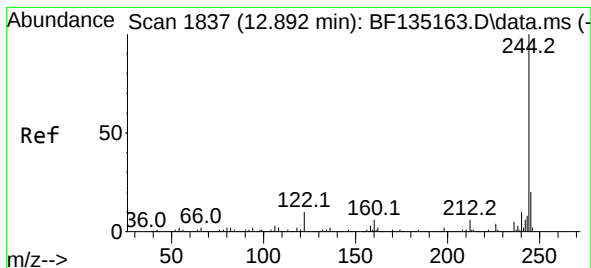
Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Tgt Ion:	202	Resp:	881238
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.2	24.2
203	17.6	14.2	21.4





#79

Terphenyl-d14

Concen: 69.135 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135179.D

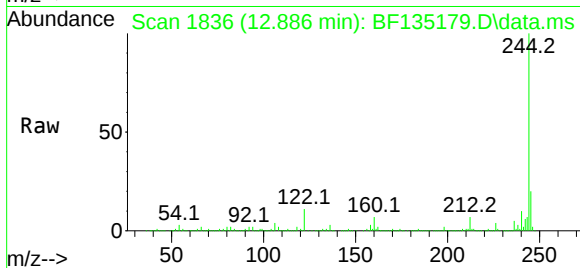
Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS



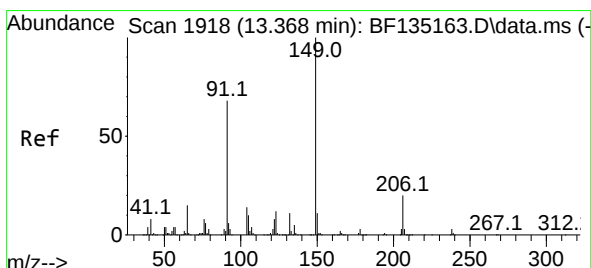
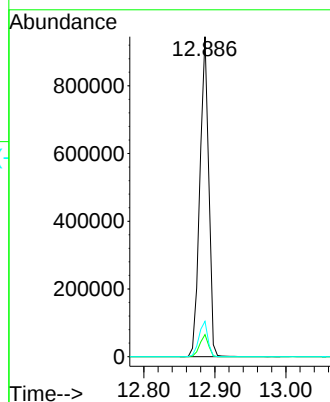
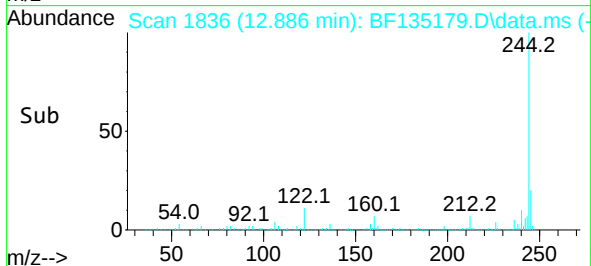
Tgt Ion:244	Resp:	824340
Ion Ratio	Lower	Upper
244	100	
212	6.9	5.1 7.7
122	11.1	7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#80

Butylbenzylphthalate

Concen: 50.711 ng

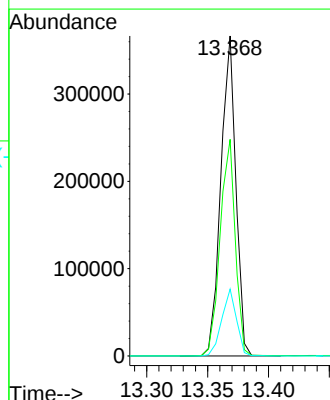
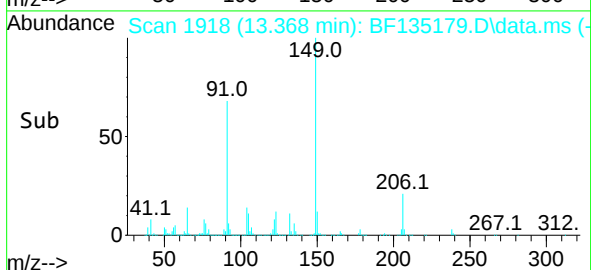
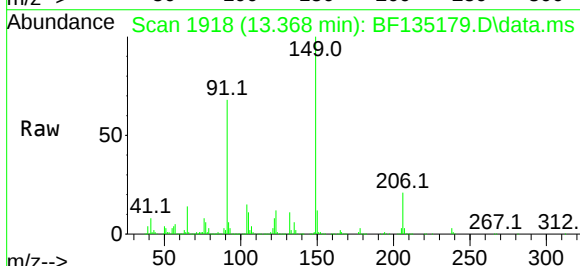
RT: 13.368 min Scan# 1918

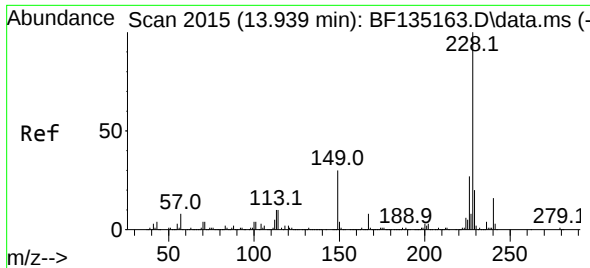
Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Tgt Ion:149	Resp:	314208
Ion Ratio	Lower	Upper
149	100	
91	67.7	54.7 82.1
206	20.9	16.3 24.5





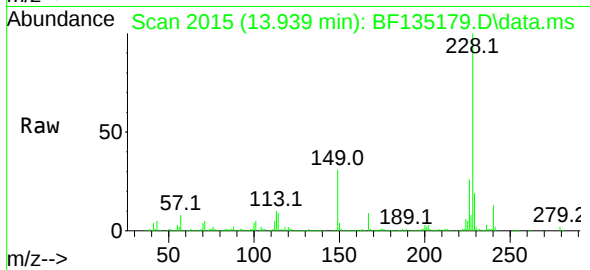
#81
Benzo(a)anthracene
Concen: 49.845 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

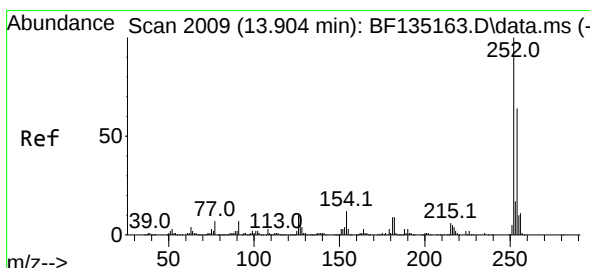
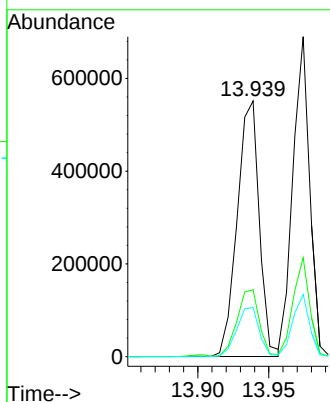
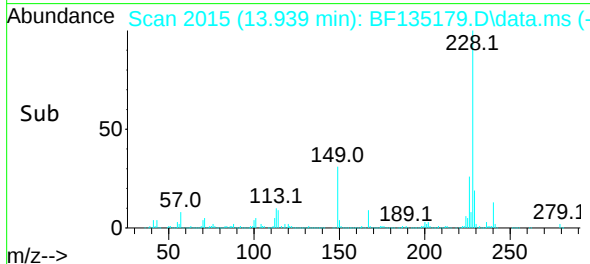


Tgt Ion:228 Resp: 594930
Ion Ratio Lower Upper
228 100
226 26.1 21.7 32.5
229 19.2 15.8 23.8

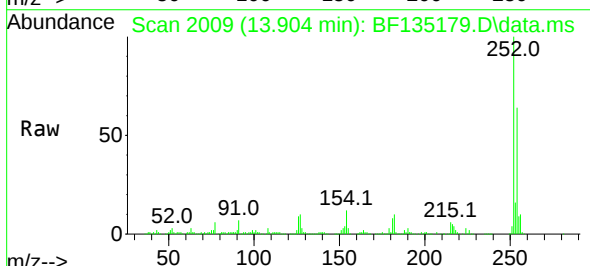
Manual Integrations

APPROVED

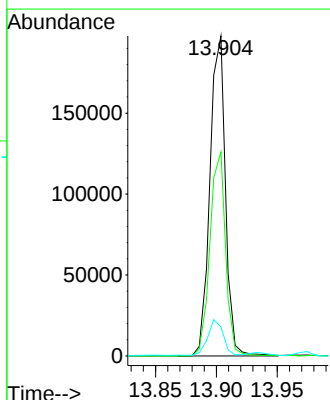
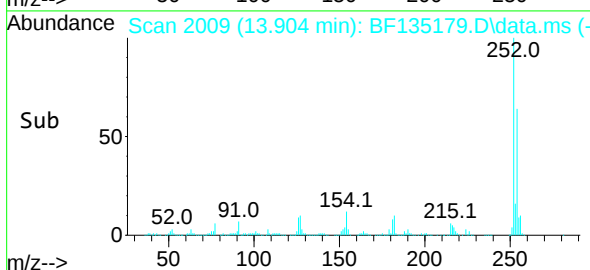
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

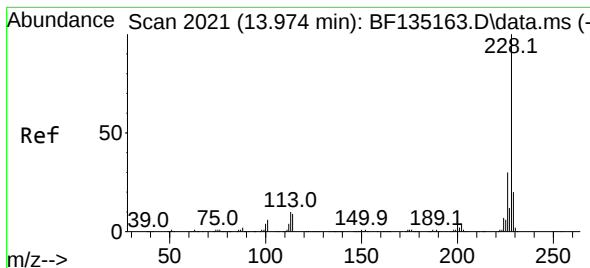


#82
3,3'-Dichlorobenzidine
Concen: 46.879 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



Tgt Ion:252 Resp: 174770
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.4
126 9.1 7.8 11.8





#83

Chrysene

Concen: 48.244 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

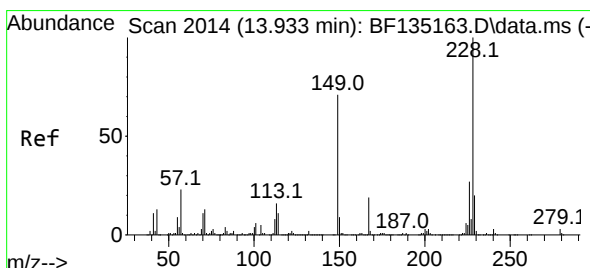
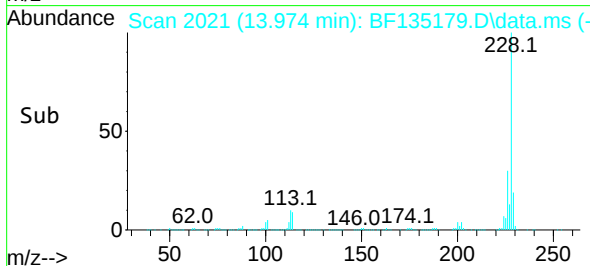
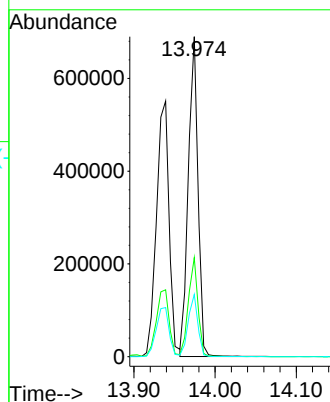
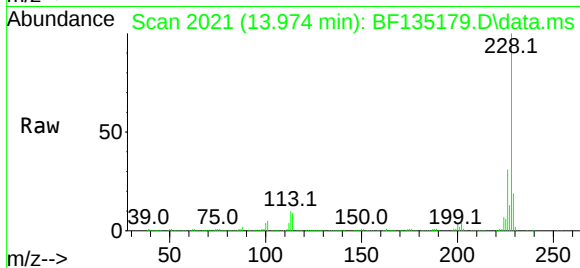
SB-8(12-12.5)MS

Tgt Ion:228	Resp: 57249
Ion Ratio	Lower Upper
228 100	
226 30.9	24.3 36.5
229 19.4	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.895 ng

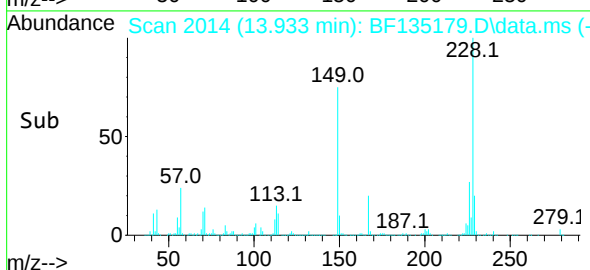
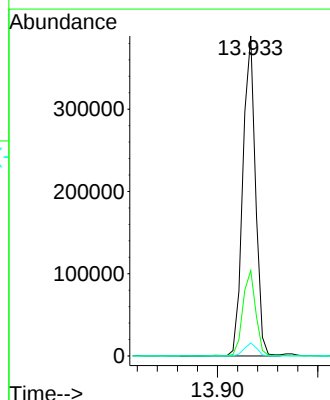
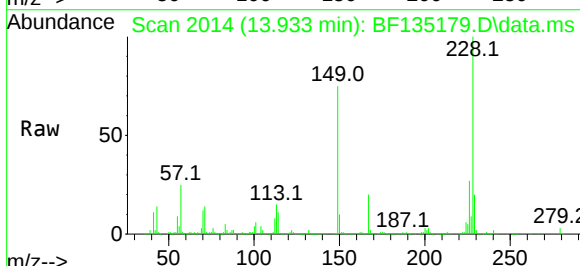
RT: 13.933 min Scan# 2014

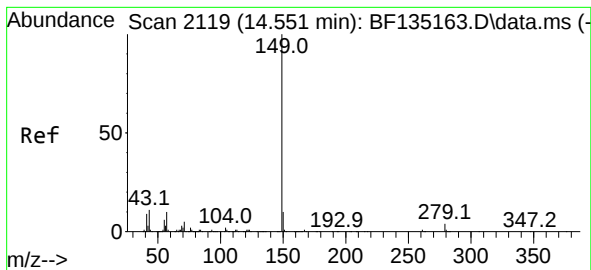
Delta R.T. 0.000 min

Lab File: BF135179.D

Acq: 12 Sep 2023 13:46

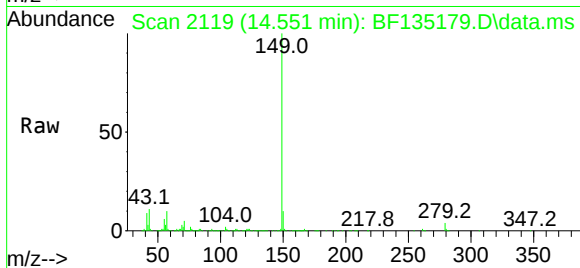
Tgt Ion:149	Resp: 342676
Ion Ratio	Lower Upper
149 100	
167 26.7	21.9 32.9
279 4.1	3.3 4.9





#85
Di-n-octyl phthalate
Concen: 58.498 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

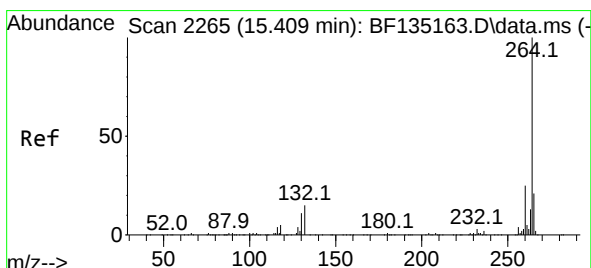
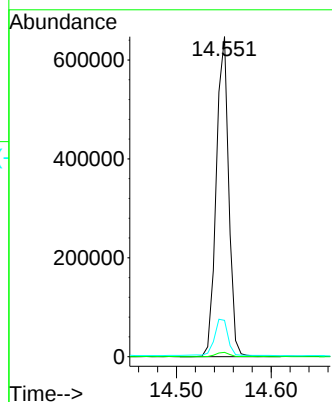
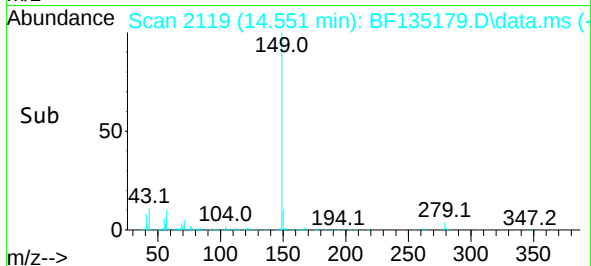
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



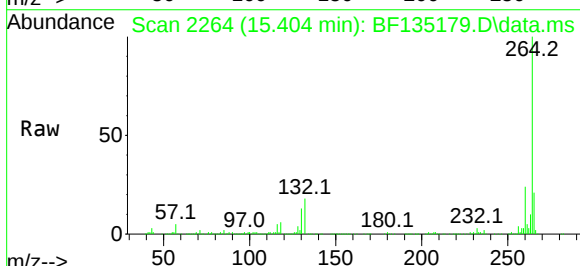
Tgt Ion:149 Resp: 591090
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.6 9.8 14.6

Manual Integrations
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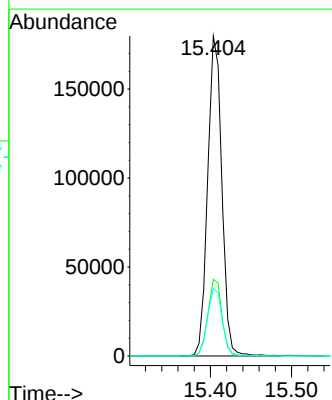
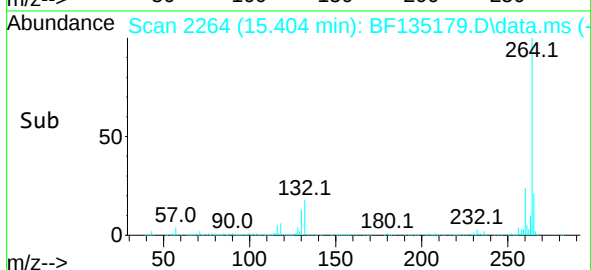
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

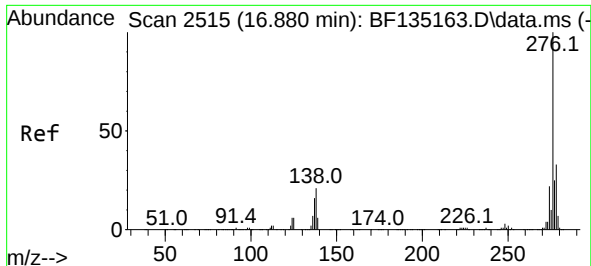


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



Tgt Ion:264 Resp: 216769
Ion Ratio Lower Upper
264 100
260 23.9 19.8 29.6
265 21.1 17.0 25.4





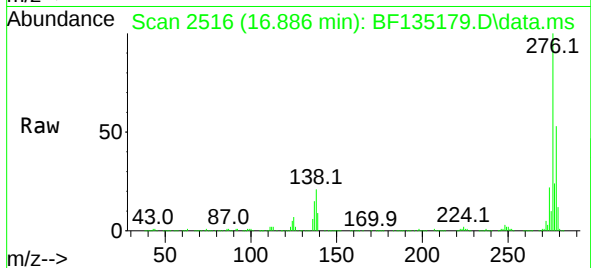
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.874 ng
 RT: 16.886 min Scan# 2116
 Delta R.T. 0.006 min
 Lab File: BF135179.D
 Acq: 12 Sep 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MS

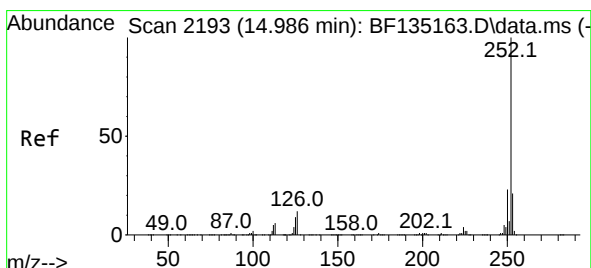
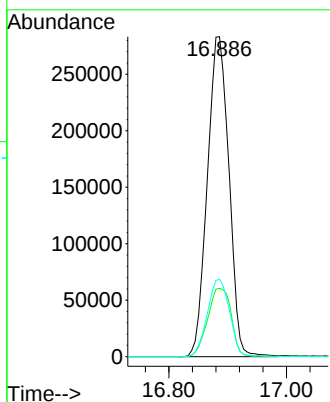
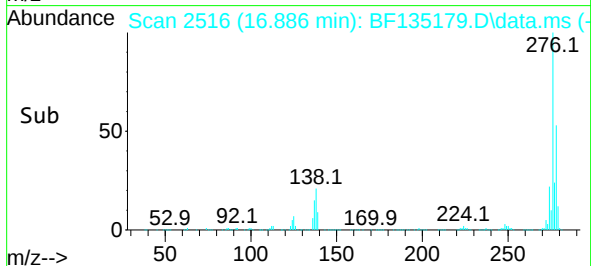


Tgt Ion:276 Resp: 723058
 Ion Ratio Lower Upper
 276 100
 138 23.5 19.2 28.8
 277 24.9 19.7 29.5

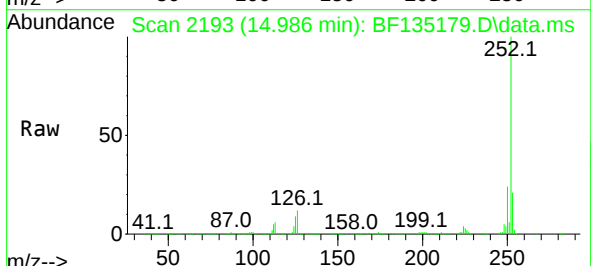
Manual Integrations

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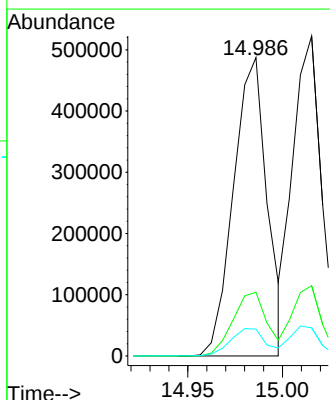
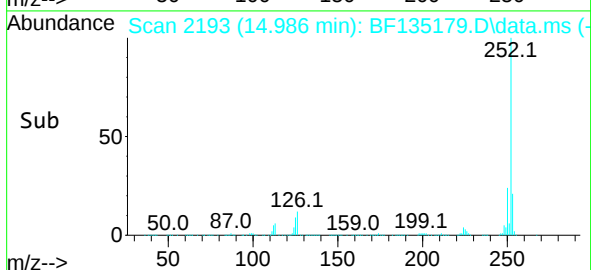
Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

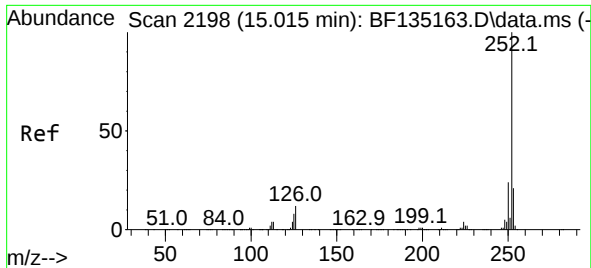


#88
 Benzo(b)fluoranthene
 Concen: 51.368 ng
 RT: 14.986 min Scan# 2193
 Delta R.T. 0.000 min
 Lab File: BF135179.D
 Acq: 12 Sep 2023 13:46



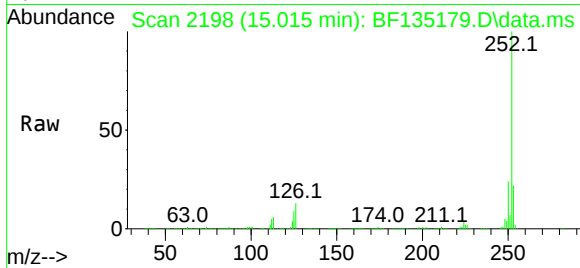
Tgt Ion:252 Resp: 602783
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.2 25.8
 125 9.0 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 47.149 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

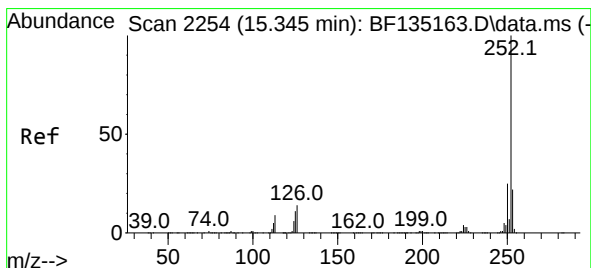
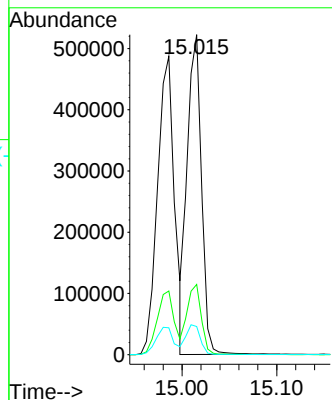
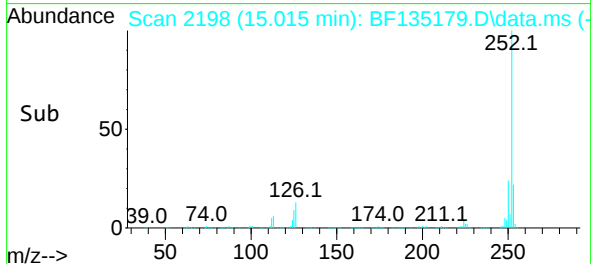
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



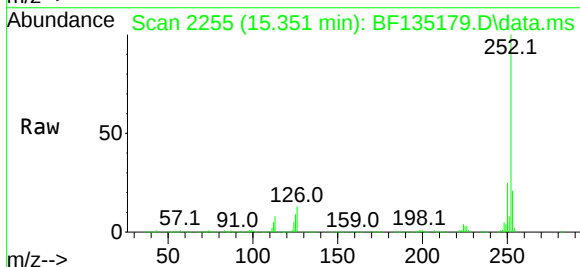
Tgt Ion:252 Resp: 54653
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.8 7.2 10.8

Manual Integrations
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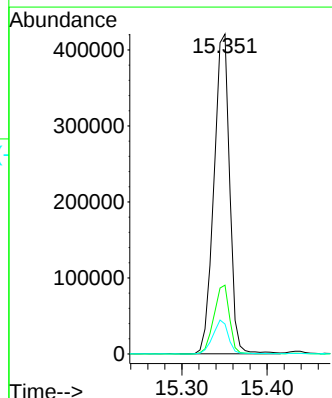
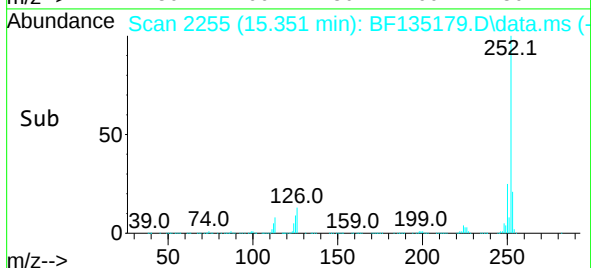
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

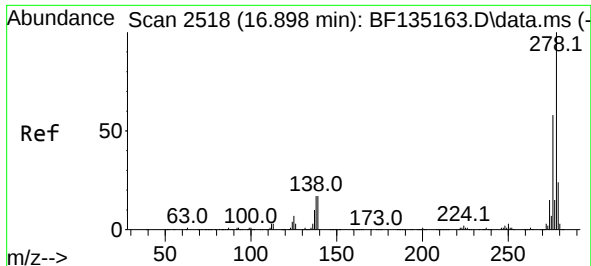


#90
Benzo(a)pyrene
Concen: 48.126 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



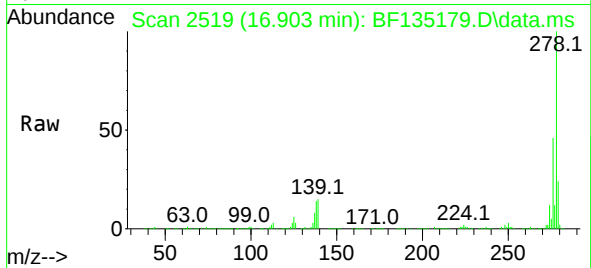
Tgt Ion:252 Resp: 538552
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.4 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 50.582 ng
RT: 16.903 min Scan# 2519
Delta R.T. 0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46

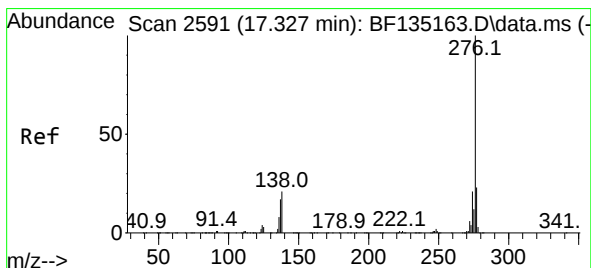
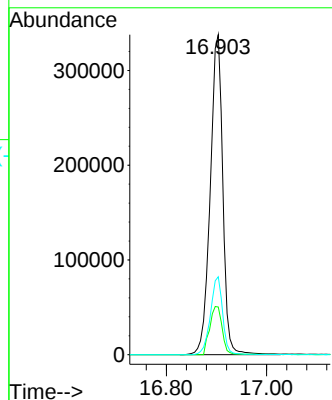
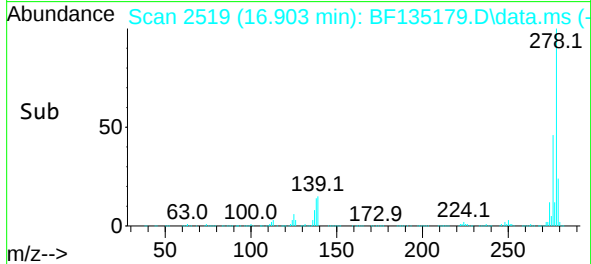
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MS



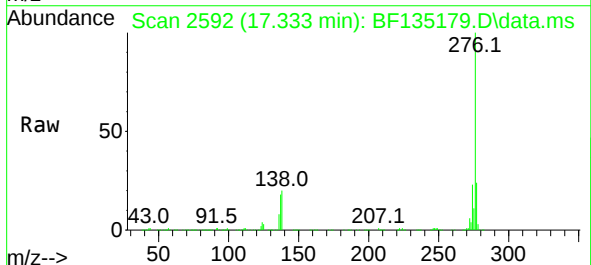
Tgt Ion:278 Resp: 588225
Ion Ratio Lower Upper
278 100
139 14.9 13.4 20.0
279 24.4 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#92
Benzo(g,h,i)perylene
Concen: 48.239 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF135179.D
Acq: 12 Sep 2023 13:46



Tgt Ion:276 Resp: 585867
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 19.6 16.9 25.3

