

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135180.D
 Acq On : 12 Sep 2023 14:18
 Operator : CG\JU
 Sample : 04203-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Sep 13 02:03:49 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	111688	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	443266	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	220638	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	425687	20.000	ng	0.00
76) Chrysene-d12	13.945	240	192697	20.000	ng	0.00
86) Perylene-d12	15.404	264	227797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	666660	97.082	ng	0.01
7) Phenol-d6	6.404	99	856431	98.082	ng	0.00
23) Nitrobenzene-d5	7.328	82	541732	66.398	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	230096	104.942	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	965751	66.038	ng	0.00
79) Terphenyl-d14	12.886	244	886603	71.325	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	127727	42.429	ng	99
3) Pyridine	3.304	79	318585	39.322	ng	97
4) n-Nitrosodimethylamine	3.269	42	209660	48.765	ng	97
6) Aniline	6.428	93	391188	34.164	ng	# 93
8) 2-Chlorophenol	6.551	128	365390	49.845	ng	95
9) Benzaldehyde	6.316	77	135877	27.316	ng	99
10) Phenol	6.422	94	443192	46.288	ng	92
11) bis(2-Chloroethyl)ether	6.504	93	337212	46.952	ng	99
12) 1,3-Dichlorobenzene	6.704	146	355178	47.675	ng	98
13) 1,4-Dichlorobenzene	6.781	146	361897	47.746	ng	99
14) 1,2-Dichlorobenzene	6.928	146	349776	49.692	ng	99
15) Benzyl Alcohol	6.910	79	308782	49.280	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	630929	46.605	ng	97
17) 2-Methylphenol	7.022	107	279551	43.214	ng	98
18) Hexachloroethane	7.269	117	138439	49.432	ng	94
19) n-Nitroso-di-n-propyla...	7.181	70	240088	44.391	ng	95
20) 3+4-Methylphenols	7.175	107	335811	43.171	ng	96
22) Acetophenone	7.175	105	466165	45.999	ng	98
24) Nitrobenzene	7.345	77	378618	46.951	ng	98
25) Isophorone	7.586	82	699822	46.711	ng	98
26) 2-Nitrophenol	7.663	139	192036	49.617	ng	98
27) 2,4-Dimethylphenol	7.704	122	290566	44.664	ng	99
28) bis(2-Chloroethoxy)met...	7.798	93	423286	47.204	ng	100
29) 2,4-Dichlorophenol	7.904	162	295024	48.940	ng	99
30) 1,2,4-Trichlorobenzene	7.986	180	308278	48.926	ng	99
31) Naphthalene	8.063	128	1031570	47.898	ng	100
32) Benzoic acid	7.845	122	236617	48.301	ng	99
33) 4-Chloroaniline	8.116	127	296432	31.371	ng	98
34) Hexachlorobutadiene	8.181	225	184136	48.466	ng	99
35) Caprolactam	8.498	113	102336m	50.582	ng	
36) 4-Chloro-3-methylphenol	8.610	107	330268	49.294	ng	96
37) 2-Methylnaphthalene	8.757	142	657469	45.414	ng	99
38) 1-Methylnaphthalene	8.857	142	622827	45.952	ng	98
40) 1,2,4,5-Tetrachloroben...	8.922	216	306577	47.962	ng	99
41) Hexachlorocyclopentadiene	8.910	237	273729	95.600	ng	100
43) 2,4,6-Trichlorophenol	9.039	196	213984	51.129	ng	99

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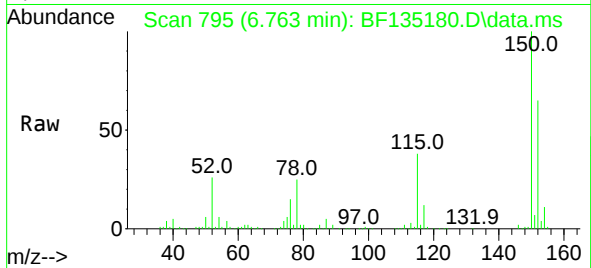
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	236384	49.046	ng	97
46) 1,1'-Biphenyl	9.222	154	819205	48.314	ng	99
47) 2-Chloronaphthalene	9.245	162	616854	50.141	ng	97
48) 2-Nitroaniline	9.351	65	239481	50.107	ng	99
49) Acenaphthylene	9.663	152	1013425	49.567	ng	99
50) Dimethylphthalate	9.533	163	723667	48.512	ng	100
51) 2,6-Dinitrotoluene	9.598	165	165072	50.513	ng	# 85
52) Acenaphthene	9.833	154	582020	48.188	ng	98
53) 3-Nitroaniline	9.763	138	154717	40.333	ng	97
54) 2,4-Dinitrophenol	9.880	184	175660	93.540	ng	90
55) Dibenzofuran	10.010	168	868455	47.119	ng	98
56) 4-Nitrophenol	9.939	139	261122	107.107	ng	97
57) 2,4-Dinitrotoluene	10.004	165	197845	48.360	ng	93
58) Fluorene	10.351	166	673754	47.551	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	191604	51.680	ng	100
60) Diethylphthalate	10.233	149	717059	47.897	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	310322	45.593	ng	99
62) 4-Nitroaniline	10.386	138	176553	47.881	ng	99
63) Azobenzene	10.504	77	700359	47.800	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	113120	50.032	ng	82
66) n-Nitrosodiphenylamine	10.469	169	619805	48.093	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	202022	47.717	ng	96
68) Hexachlorobenzene	10.898	284	220099	51.029	ng	# 90
69) Atrazine	11.004	200	187375	54.035	ng	97
70) Pentachlorophenol	11.098	266	208754	80.893	ng	98
71) Phenanthrene	11.316	178	975255	48.440	ng	98
72) Anthracene	11.369	178	999782	48.311	ng	99
73) Carbazole	11.527	167	934416	49.600	ng	99
74) Di-n-butylphthalate	11.863	149	1046159	47.127	ng	99
75) Fluoranthene	12.510	202	954072	45.478	ng	99
77) Benzidine	12.633	184	193239	48.949	ng	98
78) Pyrene	12.739	202	942891	51.394	ng	100
80) Butylbenzylphthalate	13.368	149	338316	52.376	ng	99
81) Benzo(a)anthracene	13.939	228	606032	48.705	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	191315	49.224	ng	# 98
83) Chrysene	13.974	228	604193	48.839	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	363272	54.805	ng	100
85) Di-n-octyl phthalate	14.551	149	592622	56.258	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	734787	49.196	ng	99
88) Benzo(b)fluoranthene	14.986	252	611532	49.591	ng	99
89) Benzo(k)fluoranthene	15.015	252	557227	45.744	ng	99
90) Benzo(a)pyrene	15.345	252	539768	45.900	ng	98
91) Dibenzo(a,h)anthracene	16.903	278	594340	48.634	ng	98
92) Benzo(g,h,i)perylene	17.333	276	602157	47.180	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

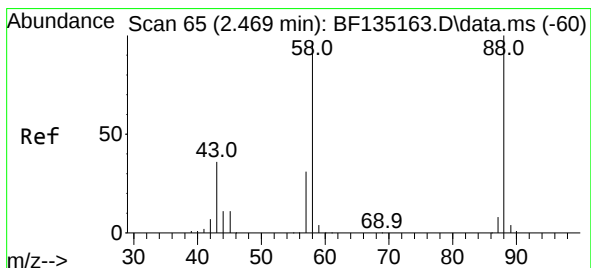
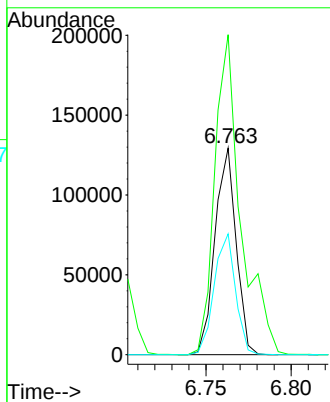
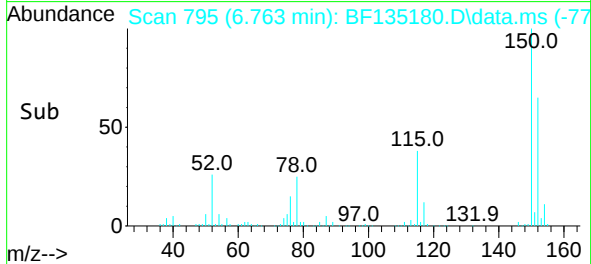
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



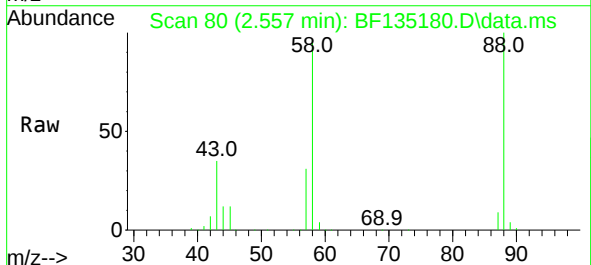
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Ion Ratio Lower Upper
152 100
150 154.9 127.8 191.6
115 58.5 49.8 74.8

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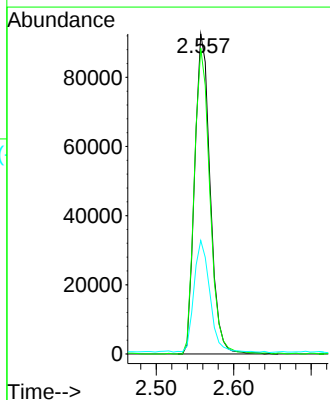
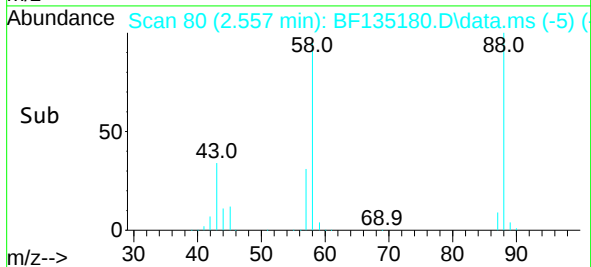
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

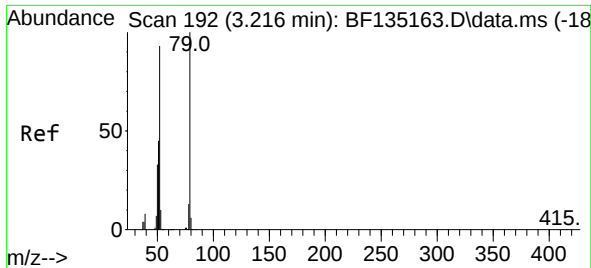


#2
1,4-Dioxane
Concen: 42.429 ng
RT: 2.557 min Scan# 80
Delta R.T. 0.088 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



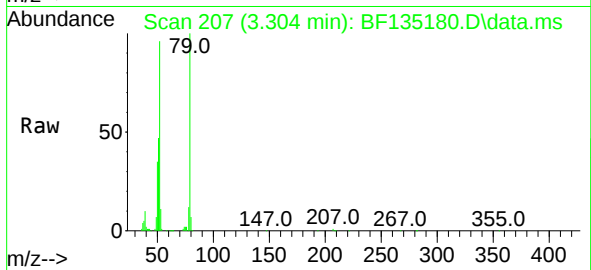
Tgt Ion: 88 Resp: 127727
Ion Ratio Lower Upper
88 100
58 96.8 78.3 117.5
43 36.3 29.4 44.0





#3
Pyridine
Concen: 39.322 ng
RT: 3.304 min Scan# 20
Delta R.T. 0.088 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

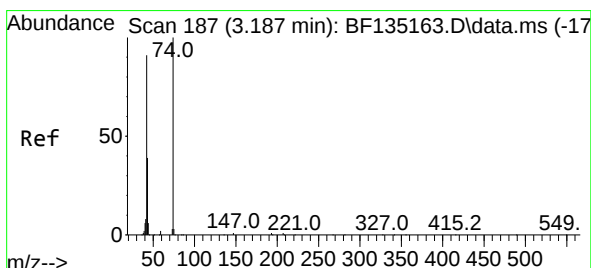
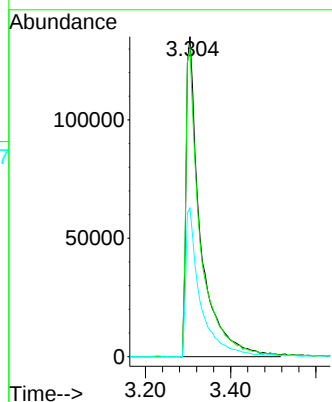
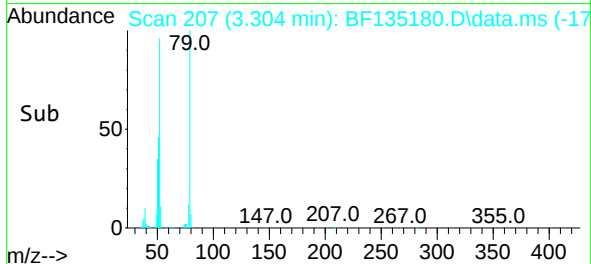
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



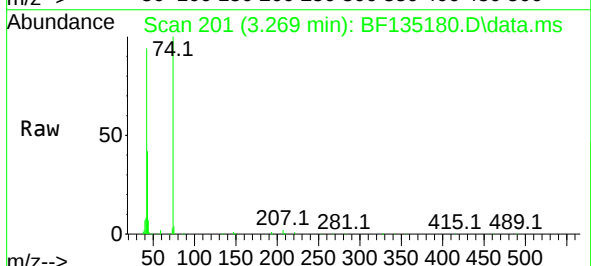
Tgt Ion: 79 Resp: 31858
Ion Ratio Lower Upper
79 100
52 96.2 74.1 111.1
51 46.5 35.8 53.8

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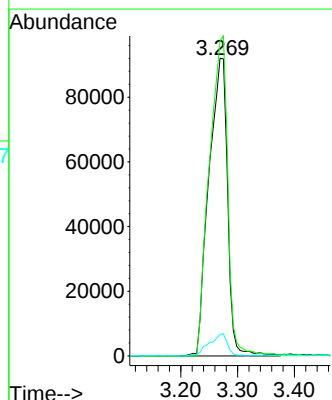
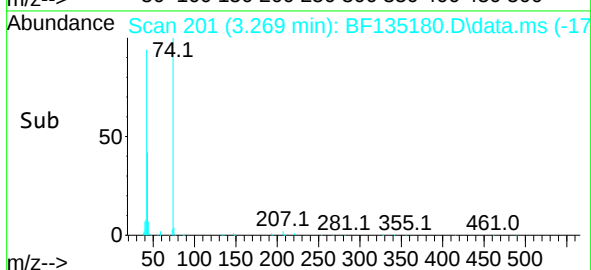
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#4
n-Nitrosodimethylamine
Concen: 48.765 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.082 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



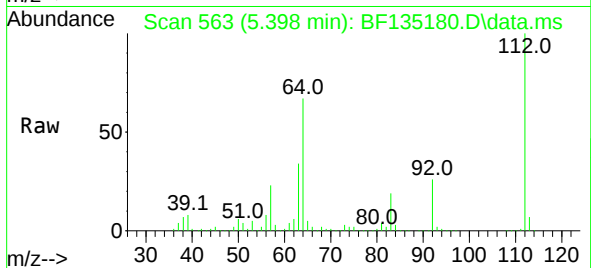
Tgt Ion: 42 Resp: 209660
Ion Ratio Lower Upper
42 100
74 105.9 87.7 131.5
44 7.2 5.6 8.4





#5
2-Fluorophenol
Concen: 97.082 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

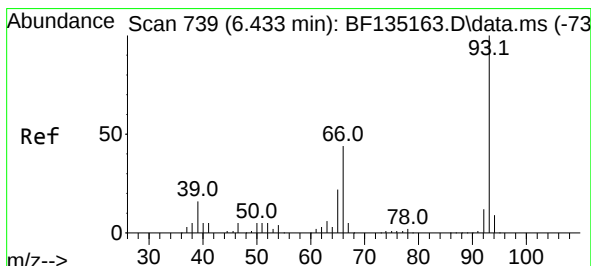
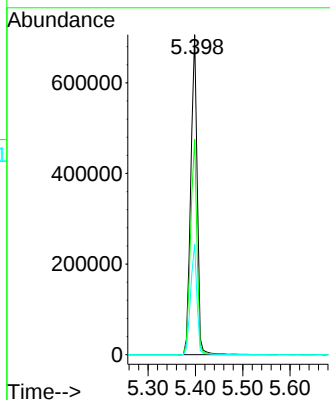
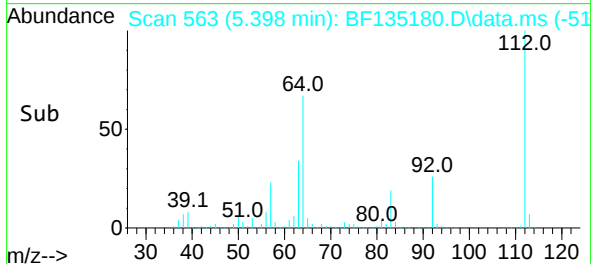
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:112 Resp: 666660
Ion Ratio Lower Upper
112 100
64 67.3 55.9 83.9
63 34.5 29.0 43.6

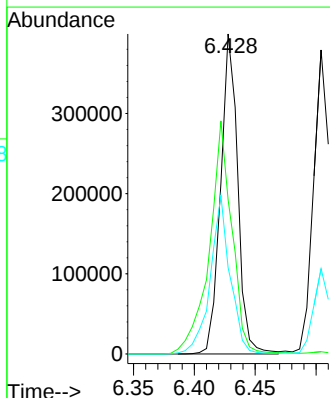
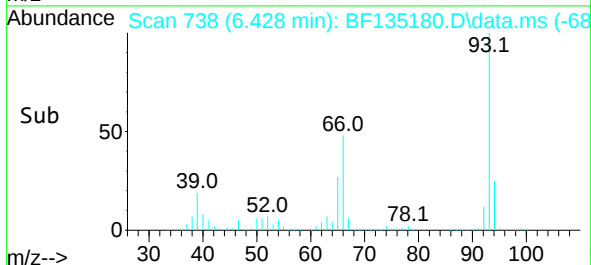
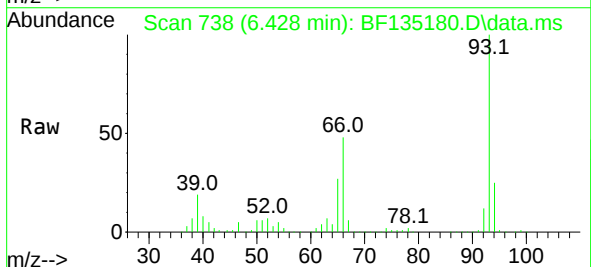
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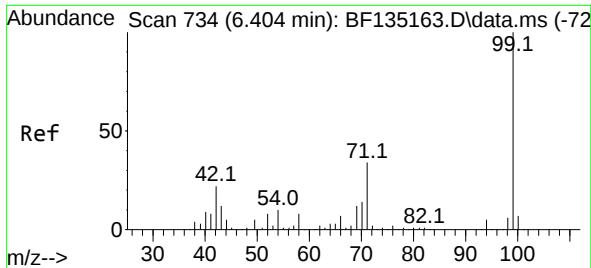
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#6
Aniline
Concen: 34.164 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

Tgt Ion: 93 Resp: 391188
Ion Ratio Lower Upper
93 100
66 48.2 35.4 53.0
65 27.0 17.8 26.8#





#7

Phenol-d6

Concen: 98.082 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

Tgt Ion: 99 Resp: 85643

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

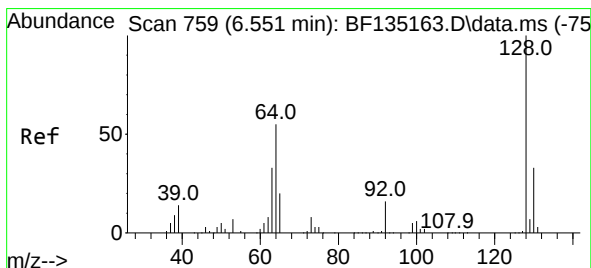
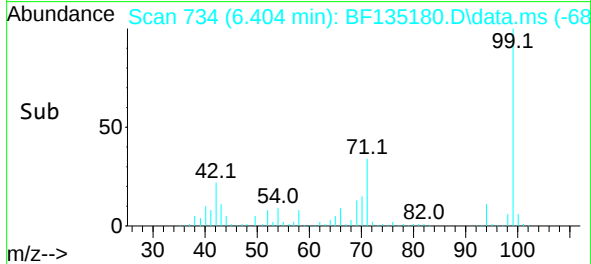
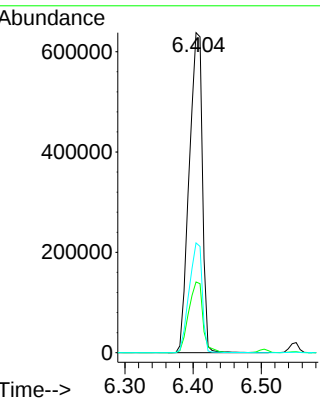
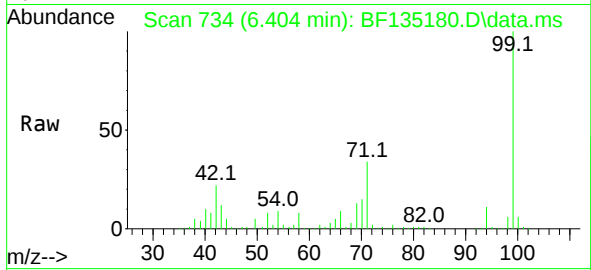
71 34.3 27.0 40.6

Manual Integrations

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Supervised By :mohammad ahmed 09/13/2023



#8

2-Chlorophenol

Concen: 49.845 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

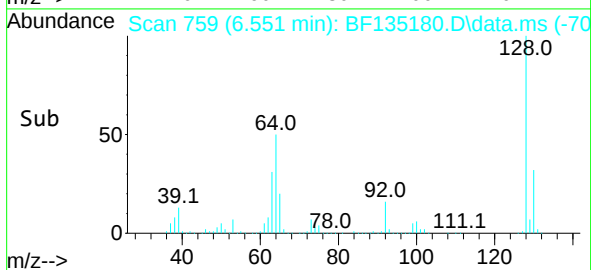
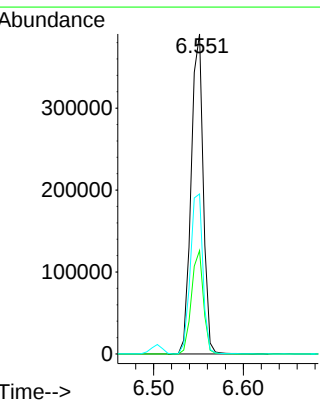
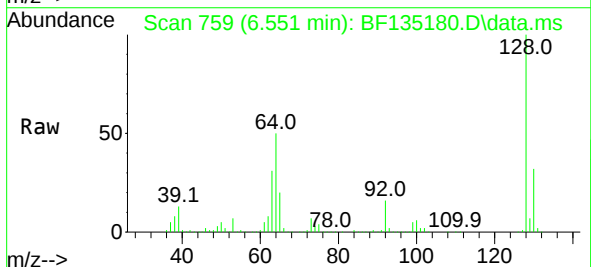
Tgt Ion:128 Resp: 365390

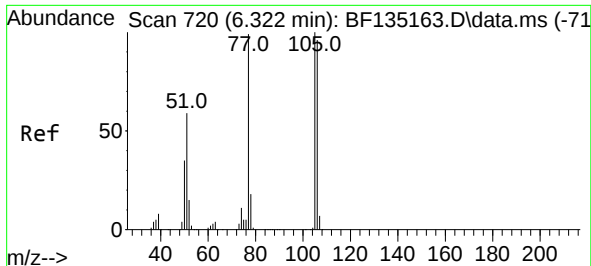
Ion Ratio Lower Upper

128 100

130 32.3 12.7 52.7

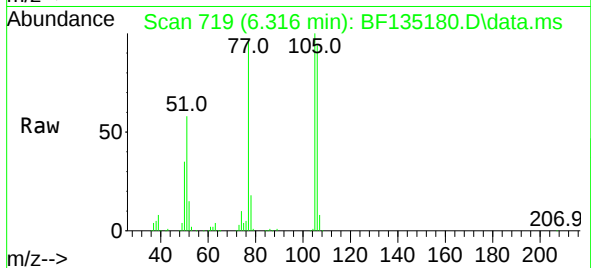
64 50.0 35.9 75.9





#9
Benzaldehyde
Concen: 27.316 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

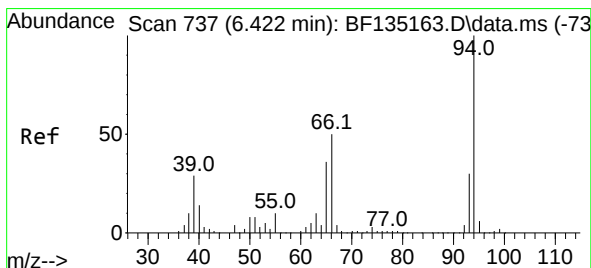
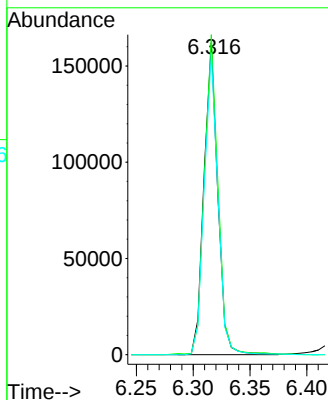
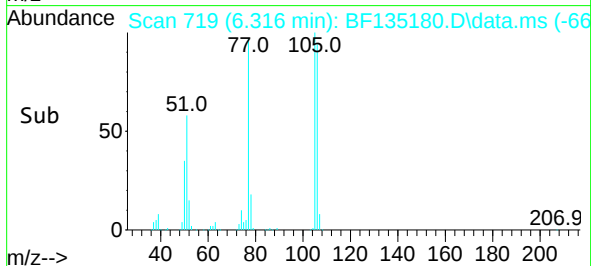
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion: 77 Resp: 13587
Ion Ratio Lower Upper
77 100
105 102.6 81.4 121.4
106 96.8 76.9 116.9

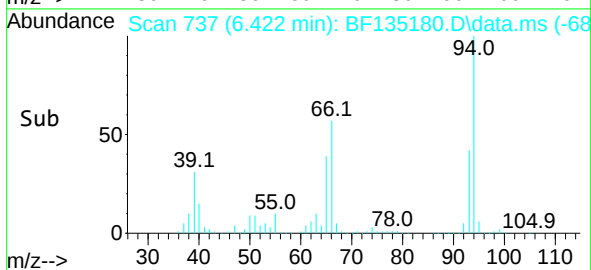
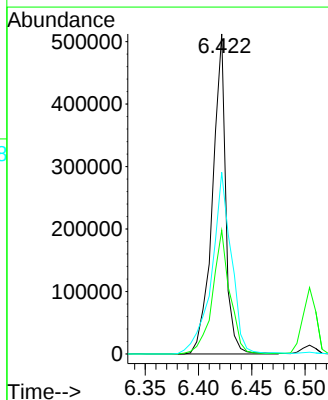
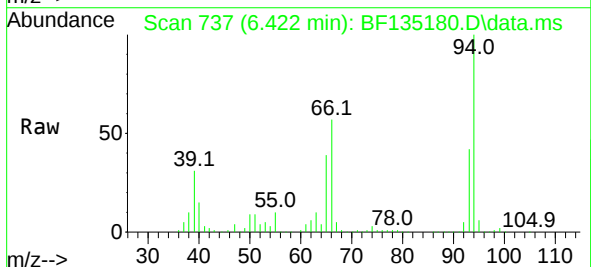
Manual Integrations
APPROVED

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



#10
Phenol
Concen: 46.288 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

Tgt Ion: 94 Resp: 443192
Ion Ratio Lower Upper
94 100
65 38.6 15.9 55.9
66 56.8 29.8 69.8





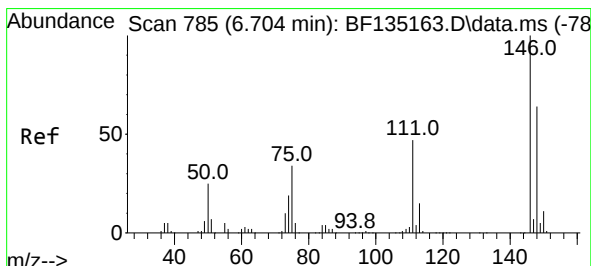
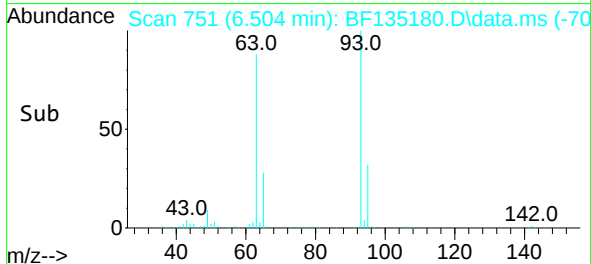
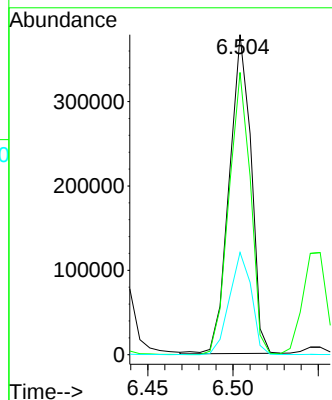
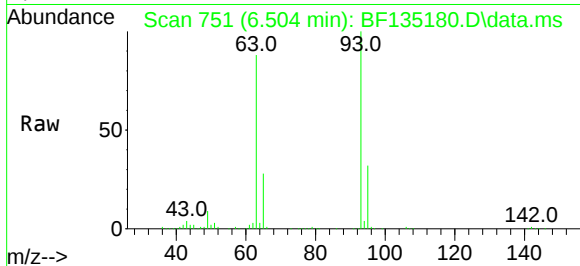
#11
bis(2-Chloroethyl)ether
Concen: 46.952 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

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

Tgt Ion: 93 Resp: 33721
Ion Ratio Lower Upper
93 100
63 88.2 67.3 107.3
95 32.0 12.7 52.7

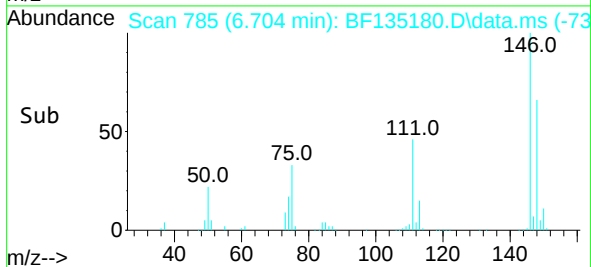
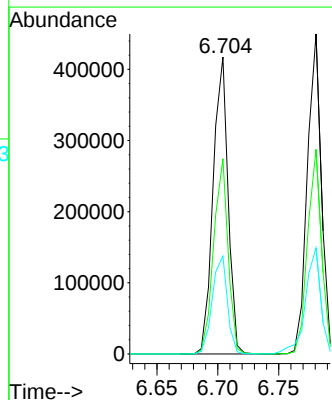
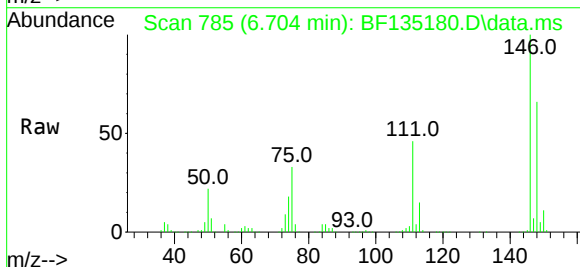
Manual Integrations
APPROVED

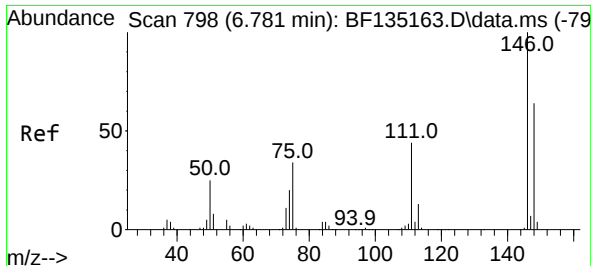
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#12
1,3-Dichlorobenzene
Concen: 47.675 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

Tgt Ion:146 Resp: 355178
Ion Ratio Lower Upper
146 100
148 65.7 51.3 76.9
75 33.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 47.746 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

Tgt Ion:146 Resp: 36189

Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

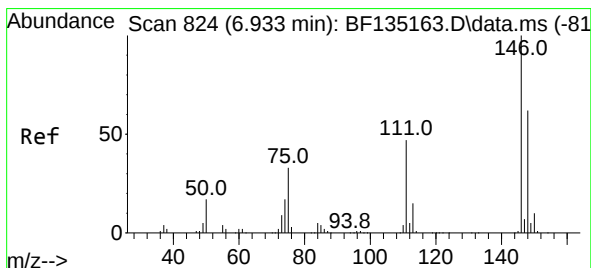
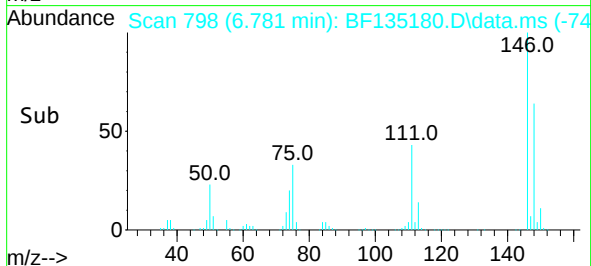
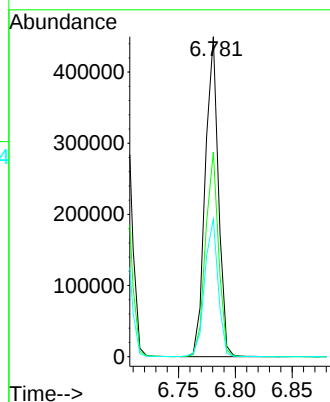
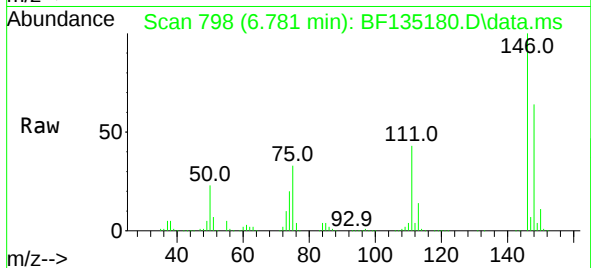
111 43.0 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#14

1,2-Dichlorobenzene

Concen: 49.692 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

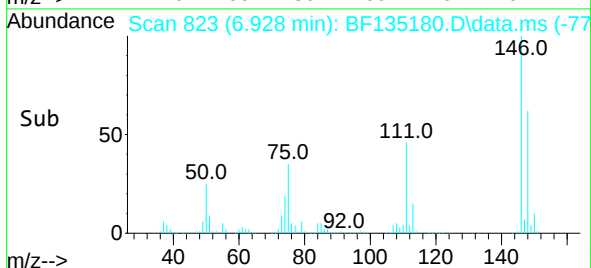
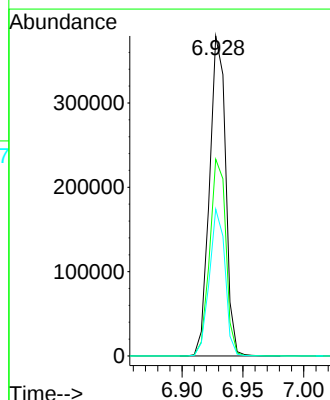
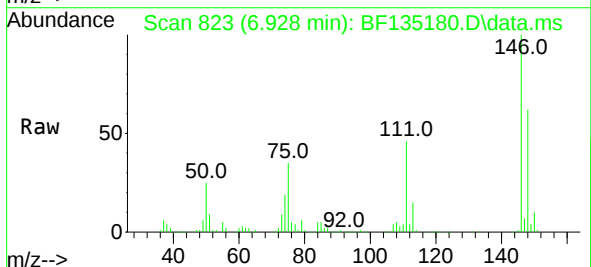
Tgt Ion:146 Resp: 349776

Ion Ratio Lower Upper

146 100

148 61.5 49.7 74.5

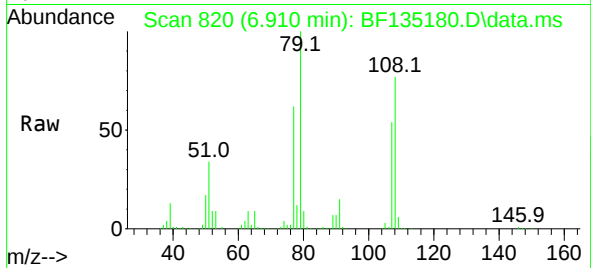
111 45.9 37.4 56.2





#15
Benzyl Alcohol
Concen: 49.280 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

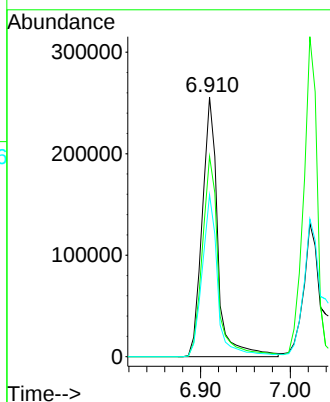
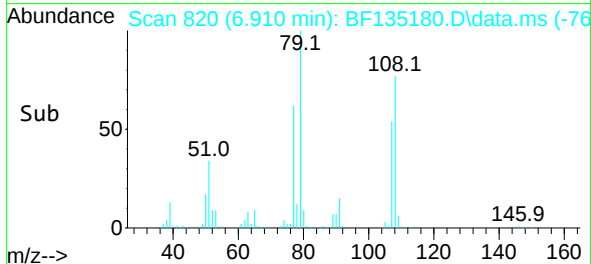
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion: 79 Resp: 30878
Ion Ratio Lower Upper
79 100
108 77.1 61.2 91.8
77 62.4 50.5 75.7

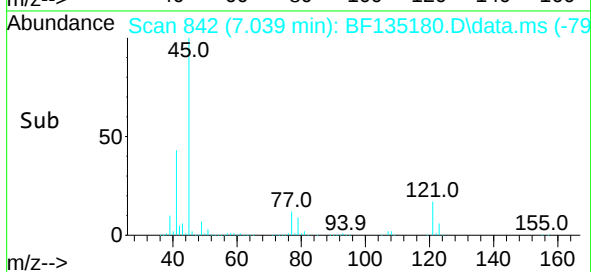
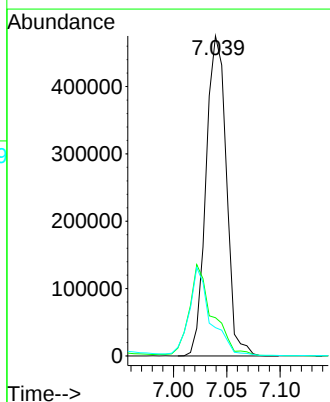
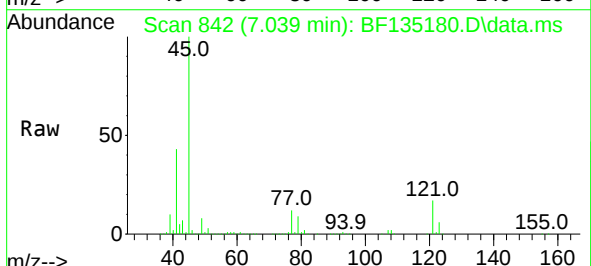
Manual Integrations
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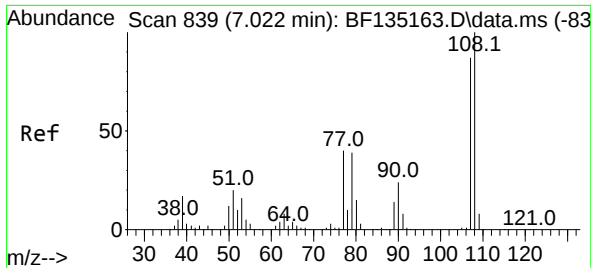
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.605 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

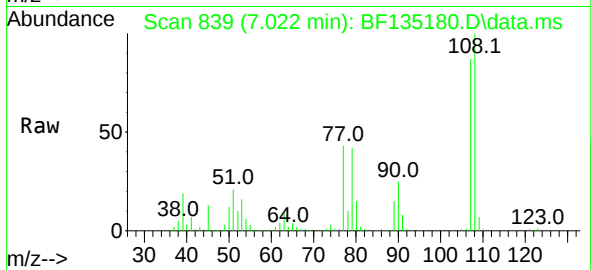
Tgt Ion: 45 Resp: 630929
Ion Ratio Lower Upper
45 100
77 12.0 0.0 30.6
79 8.8 0.0 28.3





#17
2-Methylphenol
Concen: 43.214 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

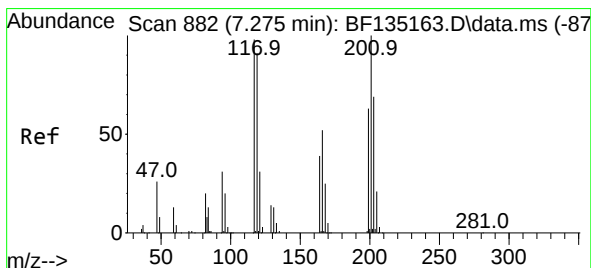
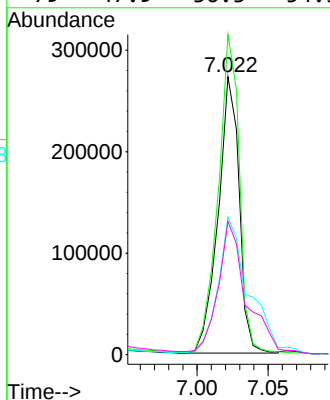
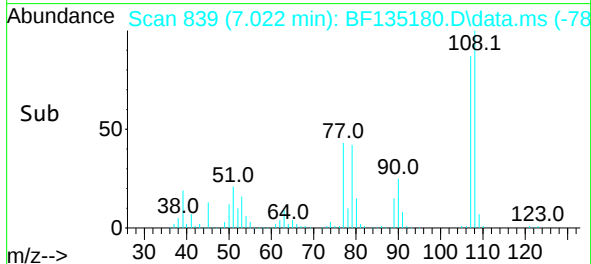
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:107 Resp: 27955
Ion Ratio Lower Upper
107 100
108 115.1 92.0 138.0
77 49.6 36.7 55.1
79 47.9 36.3 54.5

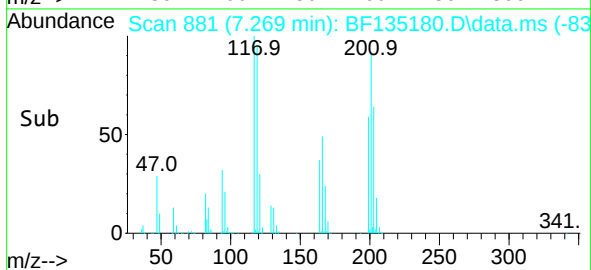
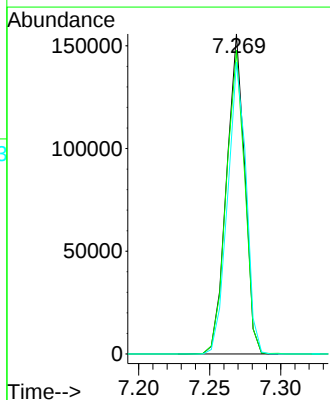
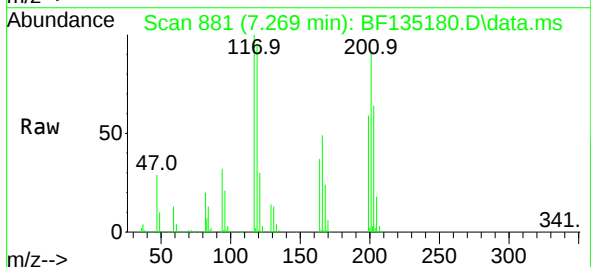
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 49.432 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

Tgt Ion:117 Resp: 138439
Ion Ratio Lower Upper
117 100
119 94.9 74.7 112.1
201 91.1 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.391 ng

RT: 7.181 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF135180.D

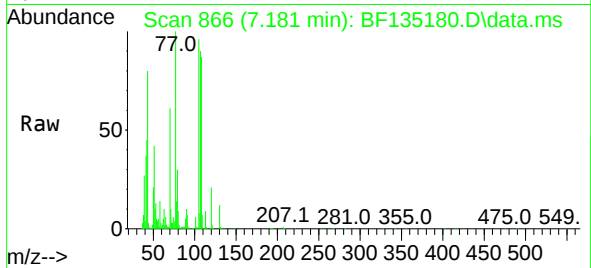
Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD



Tgt Ion: 70 Resp: 24008

Ion Ratio Lower Upper

70 100

42 73.9 55.4 83.0

101 9.3 7.7 11.5

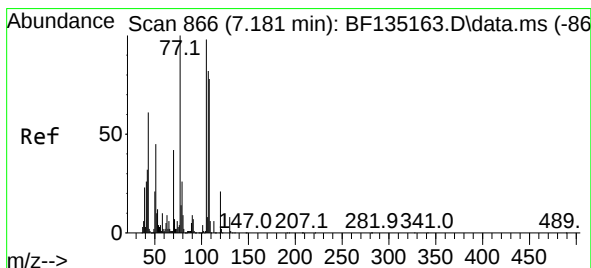
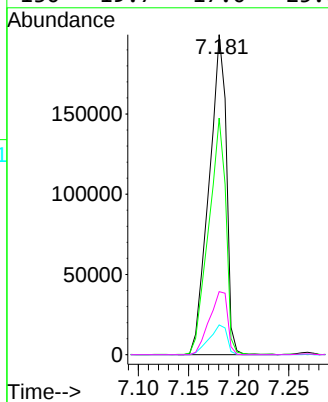
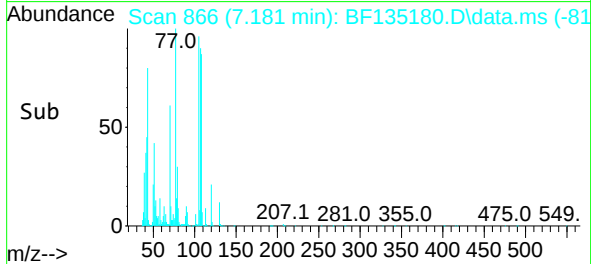
130 19.7 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#20

3+4-Methylphenols

Concen: 43.171 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Tgt Ion:107 Resp: 335811

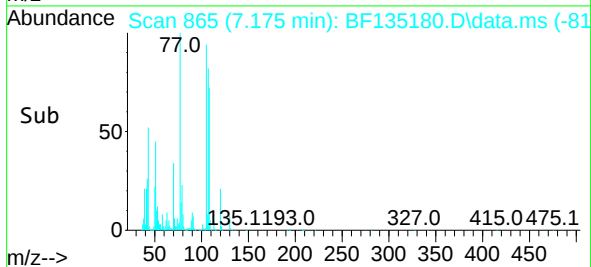
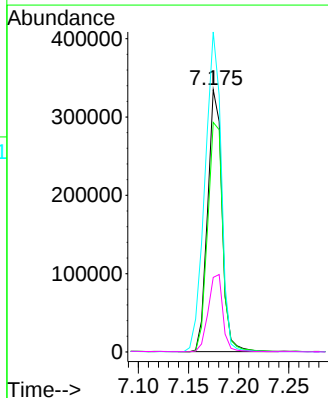
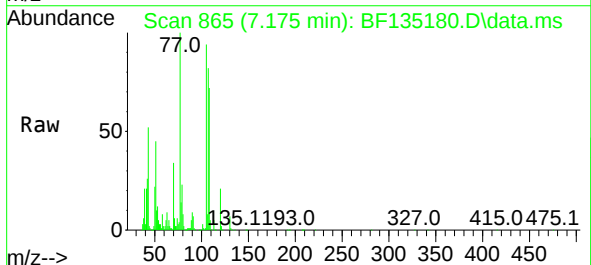
Ion Ratio Lower Upper

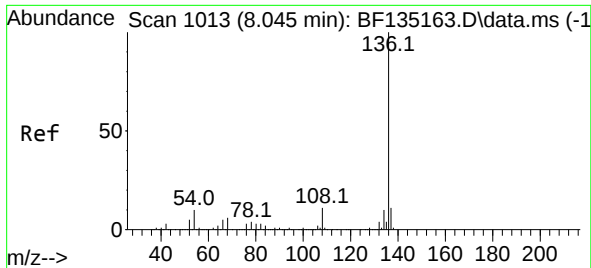
107 100

108 87.6 74.7 114.7

77 122.0 102.0 142.0

79 28.4 11.7 51.7





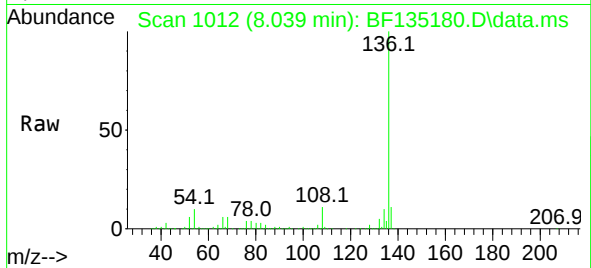
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD



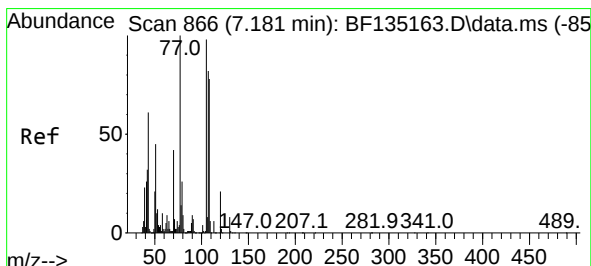
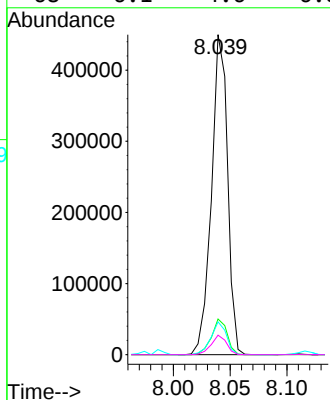
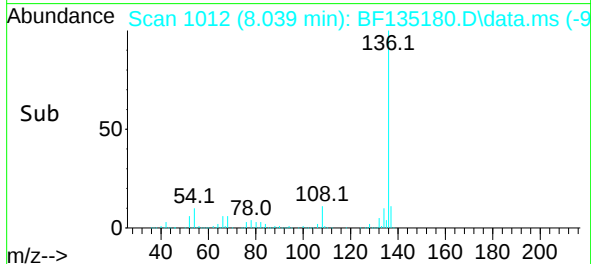
Tgt Ion:136 Resp: 443260
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.3 7.7 11.5
68 6.1 4.6 6.8

Manual Integrations

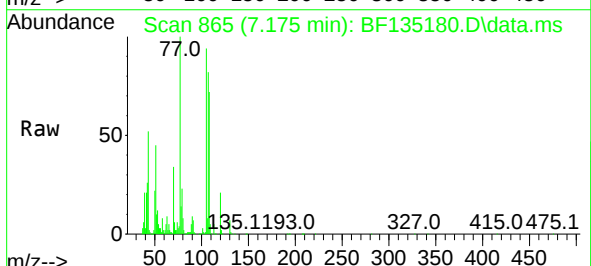
APPROVED

Reviewed By :Yogesh Patel 09/13/2023

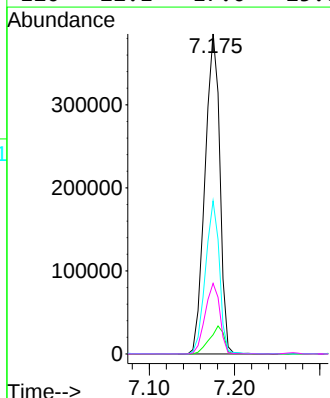
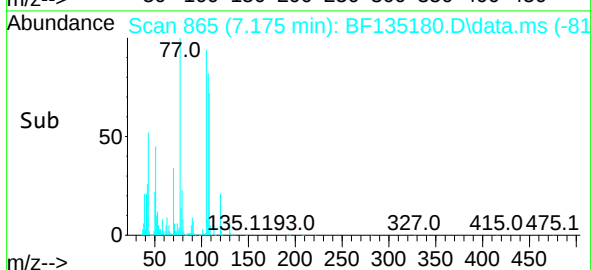
Supervised By :mohammad ahmed 09/13/2023



#22
Acetophenone
Concen: 45.999 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



Tgt Ion:105 Resp: 466165
Ion Ratio Lower Upper
105 100
71 6.0 5.8 8.6
51 47.9 37.0 55.4
120 22.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 66.398 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

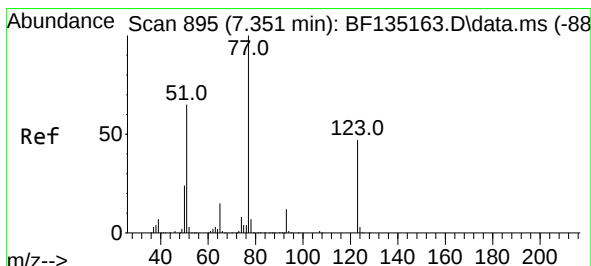
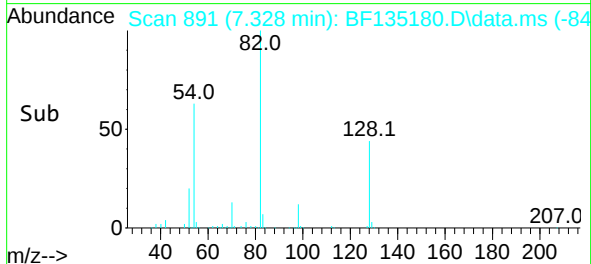
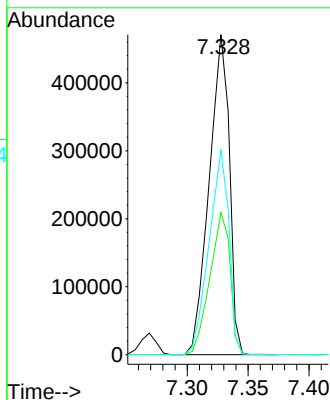
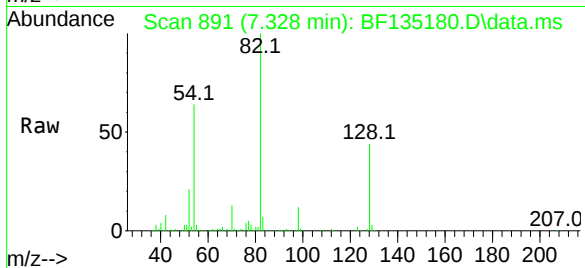
SB-8(12-12.5)MSD

Tgt Ion: 82 Resp: 54173

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.8	53.6
54	63.8	50.6	76.0

Manual Integrations
APPROVED

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



#24

Nitrobenzene

Concen: 46.951 ng

RT: 7.345 min Scan# 894

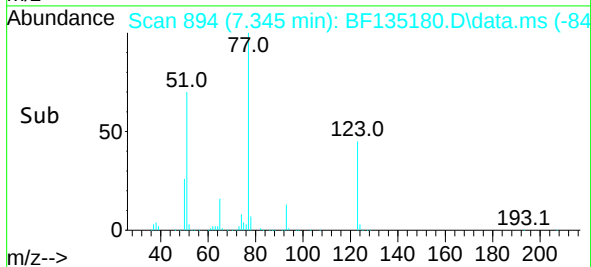
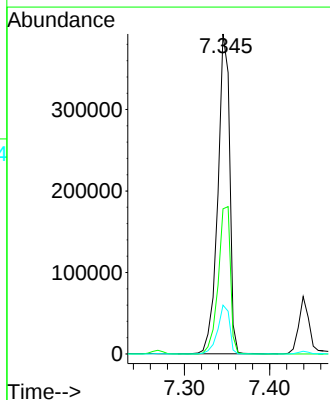
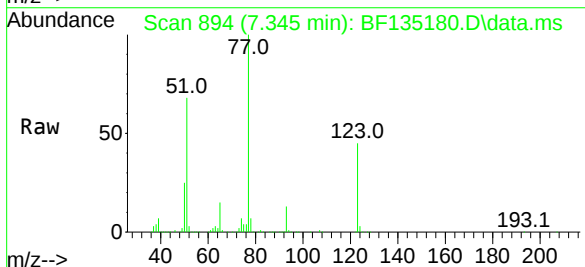
Delta R.T. -0.006 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Tgt Ion: 77 Resp: 378618

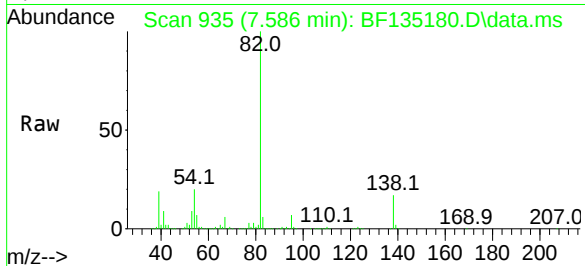
Ion	Ratio	Lower	Upper
77	100		
123	45.4	37.6	56.4
65	15.3	12.2	18.4





#25
Isophorone
Concen: 46.711 ng
RT: 7.586 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

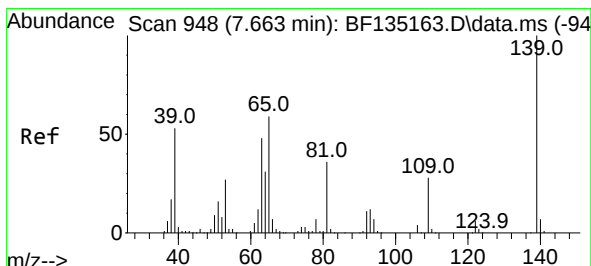
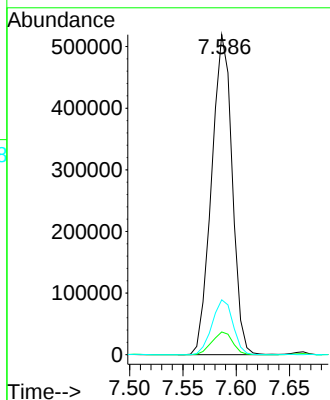
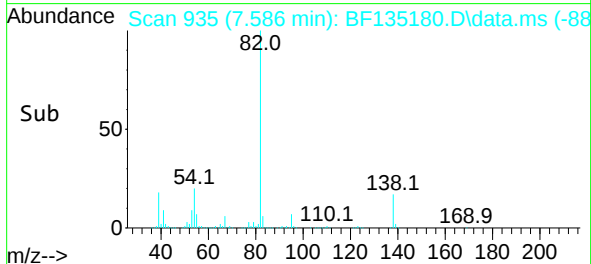
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



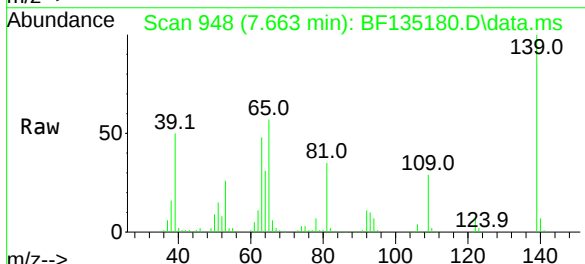
Tgt Ion: 82 Resp: 69982
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 17.1 14.5 21.7

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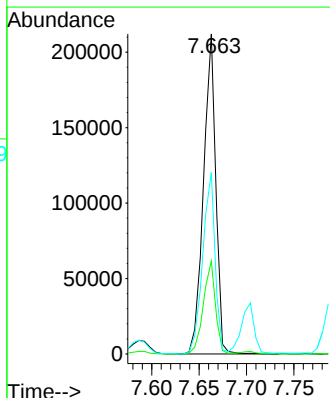
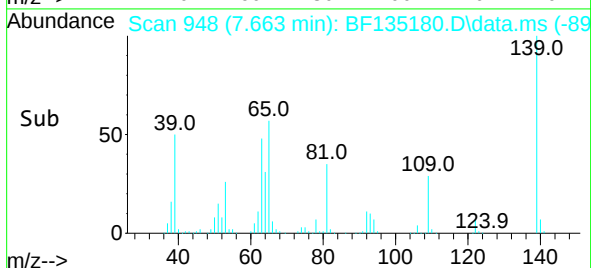
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#26
2-Nitrophenol
Concen: 49.617 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



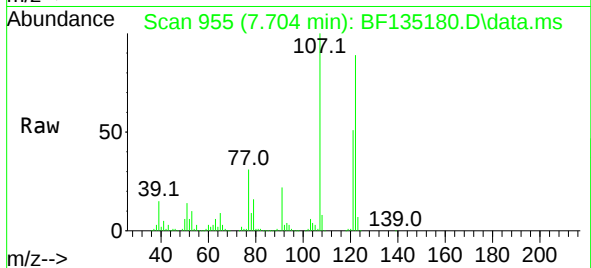
Tgt Ion:139 Resp: 192036
Ion Ratio Lower Upper
139 100
109 29.0 22.6 33.8
65 56.7 47.0 70.4





#27
2,4-Dimethylphenol
Concen: 44.664 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

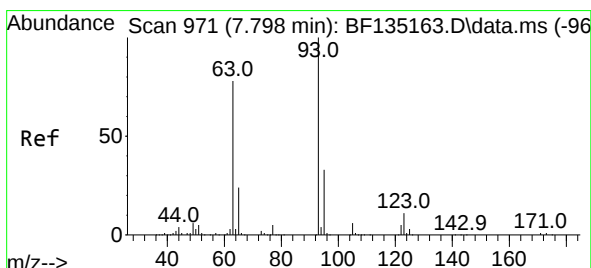
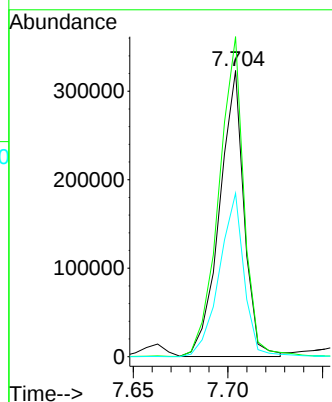
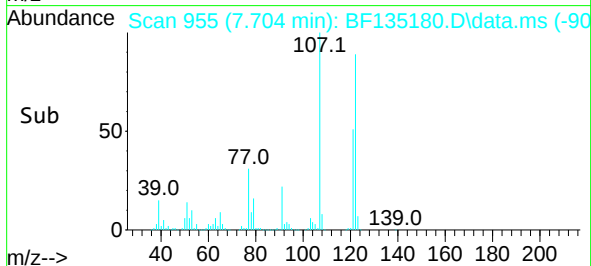
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:122 Resp: 290560
Ion Ratio Lower Upper
122 100
107 111.8 90.2 135.4
121 57.1 46.3 69.5

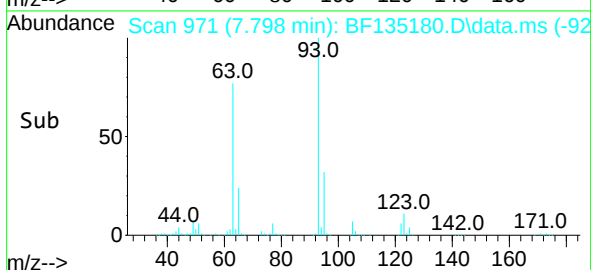
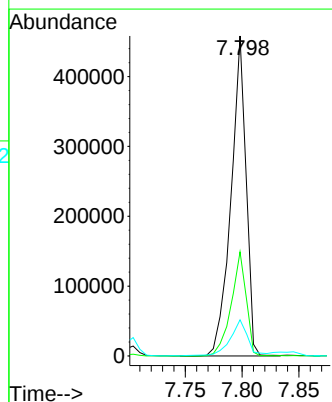
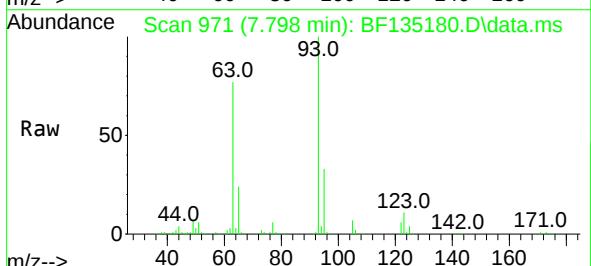
Manual Integrations
APPROVED

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



#28
bis(2-Chloroethoxy)methane
Concen: 47.204 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

Tgt Ion: 93 Resp: 423286
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.2
123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.940 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

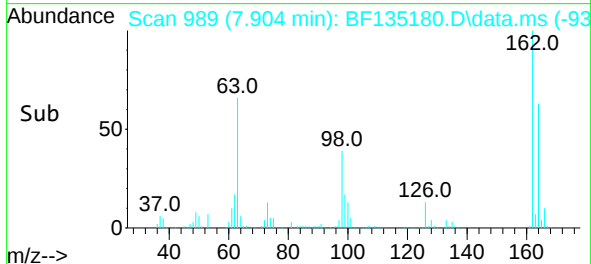
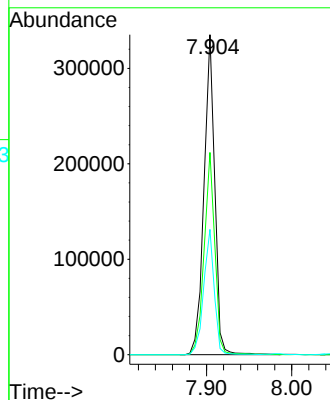
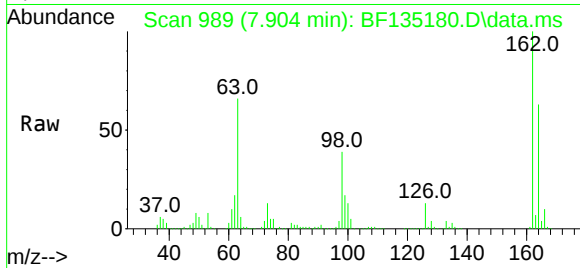
Tgt Ion:	162	Resp:	295024
Ion Ratio	Lower	Upper	
162	100		
164	63.2	44.1	84.1
98	39.2	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.926 ng

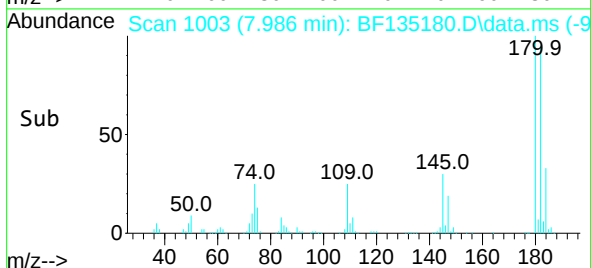
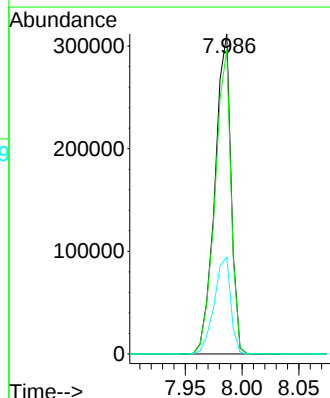
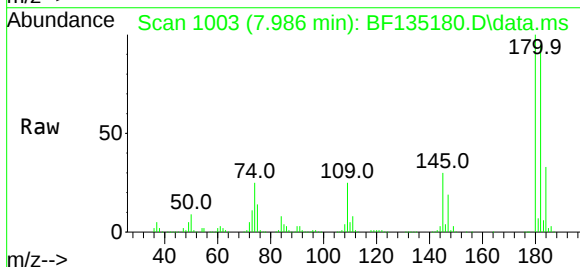
RT: 7.986 min Scan# 1003

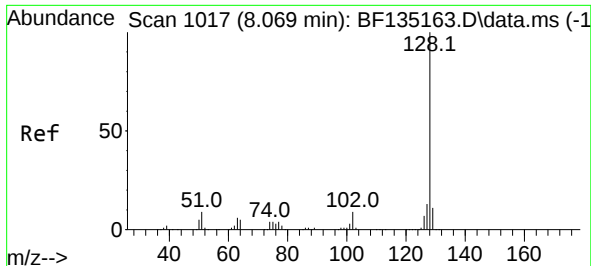
Delta R.T. 0.000 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

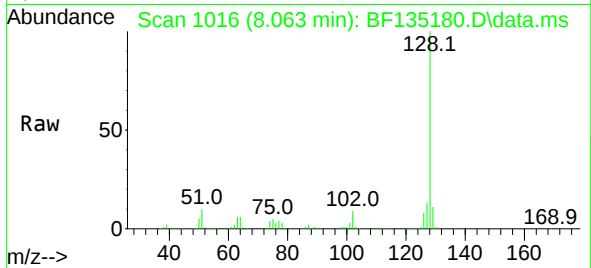
Tgt Ion:	180	Resp:	308278
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.9	115.3
145	30.2	24.5	36.7





#31
Naphthalene
Concen: 47.898 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

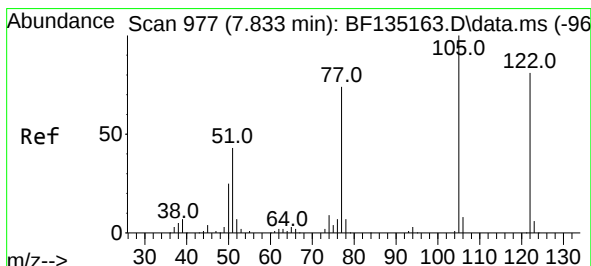
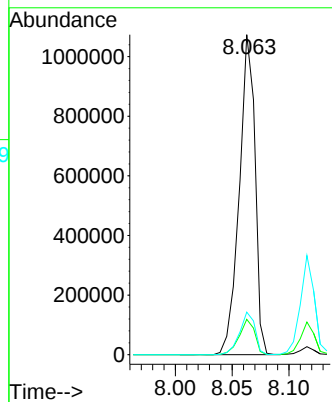
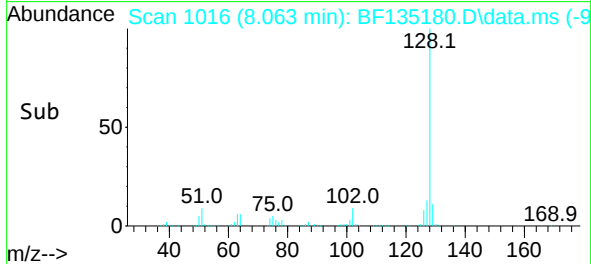
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:128 Resp: 1031570
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.7 16.1

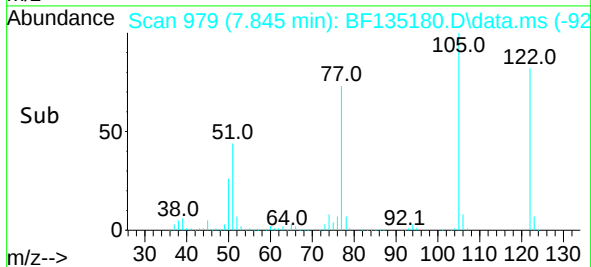
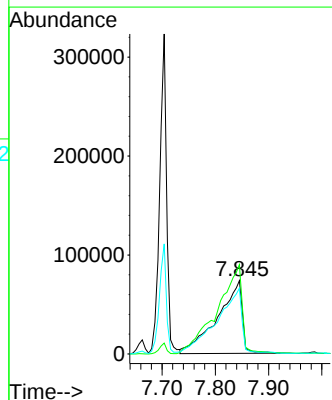
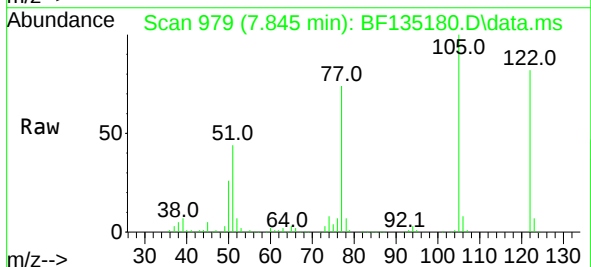
Manual Integrations
APPROVED

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



#32
Benzoic acid
Concen: 48.301 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

Tgt Ion:122 Resp: 236617
Ion Ratio Lower Upper
122 100
105 121.9 99.9 139.9
77 89.8 70.0 110.0





#33

4-Chloroaniline

Concen: 31.371 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

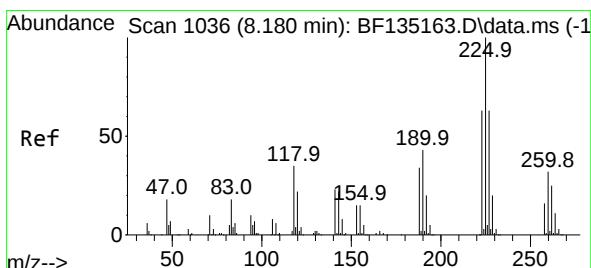
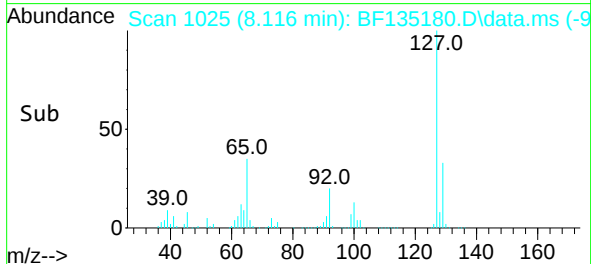
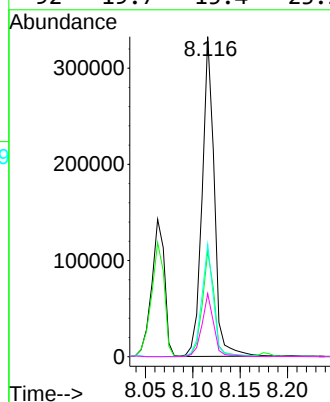
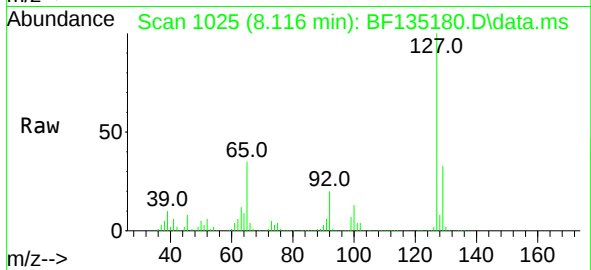
Tgt Ion:	127	Resp:	29643
Ion Ratio	Lower	Upper	
127	100		
129	32.9	25.8	38.8
65	35.2	26.6	39.8
92	19.7	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#34

Hexachlorobutadiene

Concen: 48.466 ng

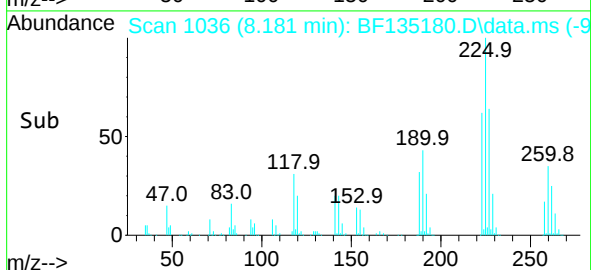
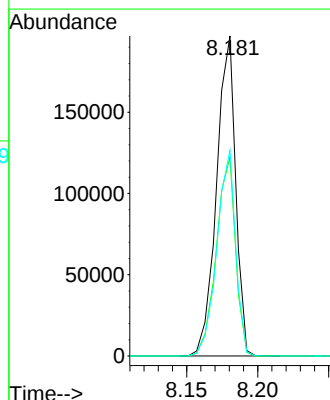
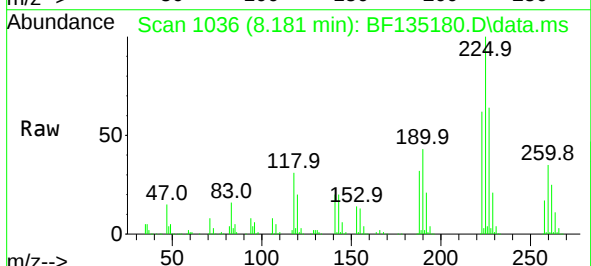
RT: 8.181 min Scan# 1036

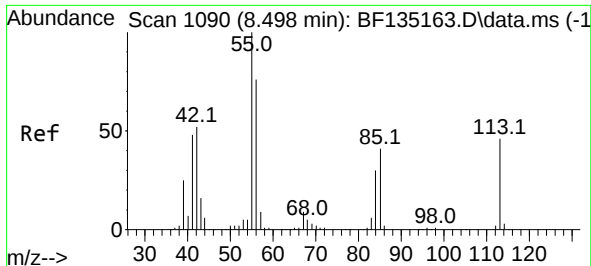
Delta R.T. 0.000 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

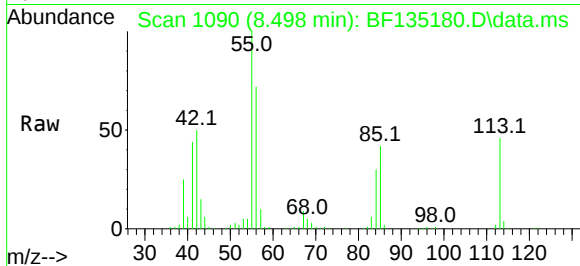
Tgt Ion:	225	Resp:	184136
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.6	75.8
227	64.3	50.8	76.2





#35
Caprolactam
Concen: 50.582 ng m
RT: 8.498 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

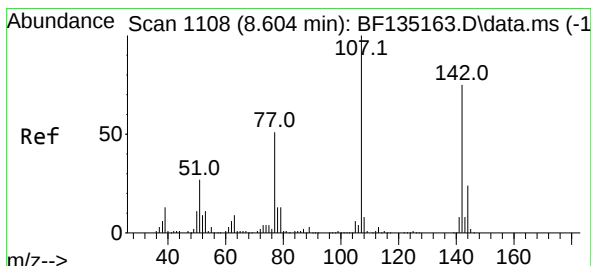
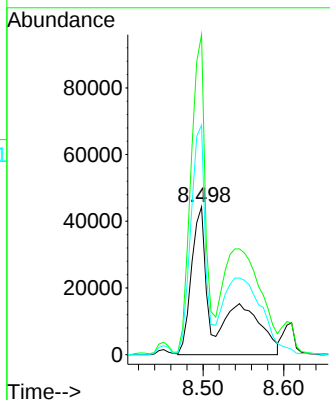
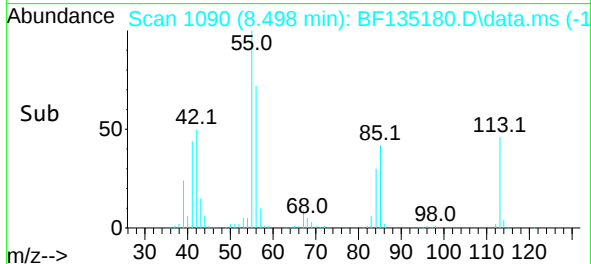
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:113 Resp: 102330
Ion Ratio Lower Upper
113 100
55 216.4 199.3 239.3
56 155.3 146.3 186.3

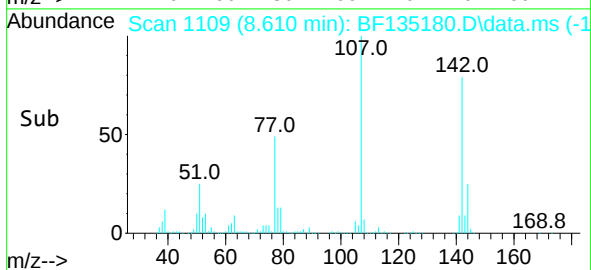
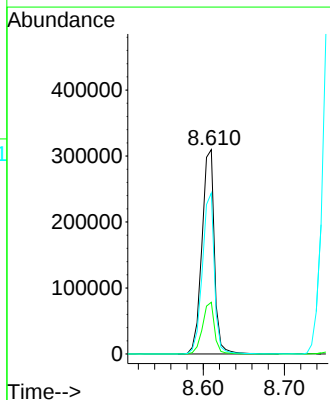
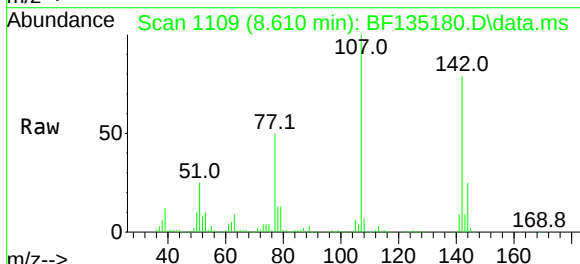
Manual Integrations
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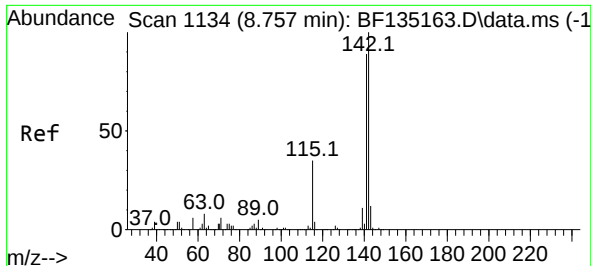
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#36
4-Chloro-3-methylphenol
Concen: 49.294 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

Tgt Ion:107 Resp: 330268
Ion Ratio Lower Upper
107 100
144 25.3 19.0 28.4
142 78.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 45.414 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

Tgt Ion:142 Resp: 657469

Ion Ratio Lower Upper

142 100

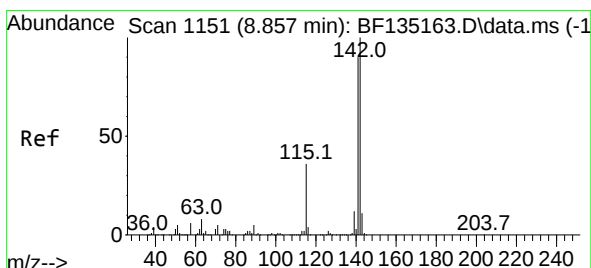
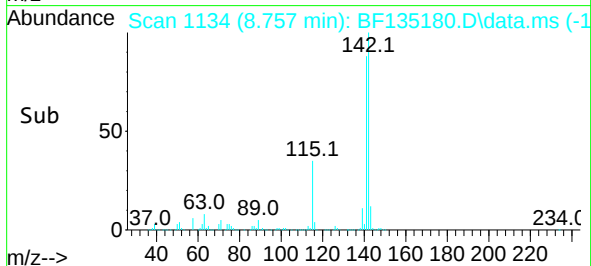
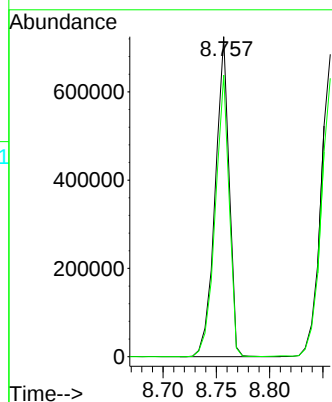
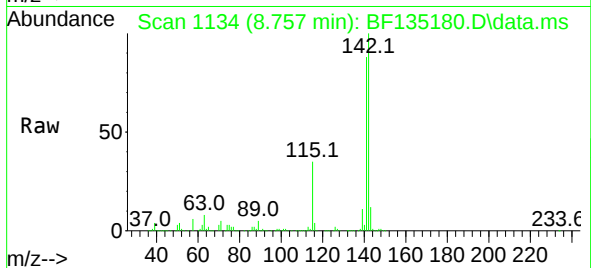
141 88.0 71.0 106.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#38

1-Methylnaphthalene

Concen: 45.952 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135180.D

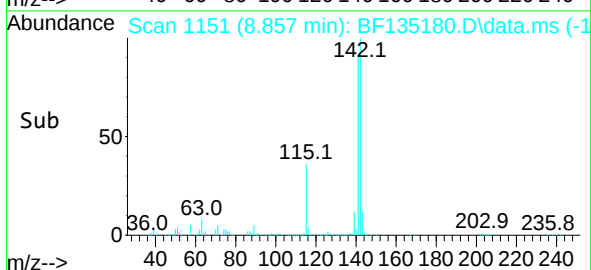
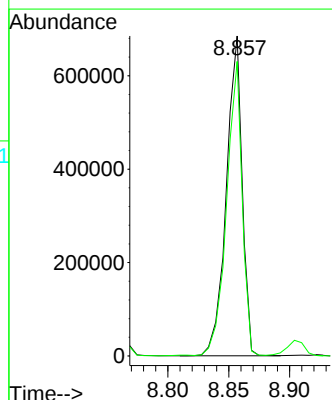
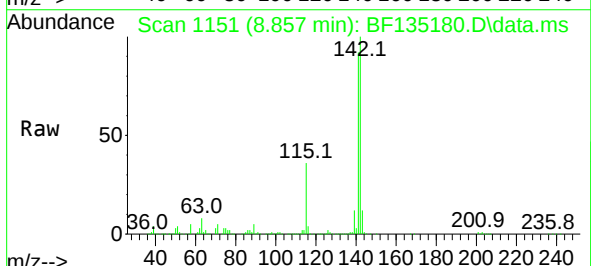
Acq: 12 Sep 2023 14:18

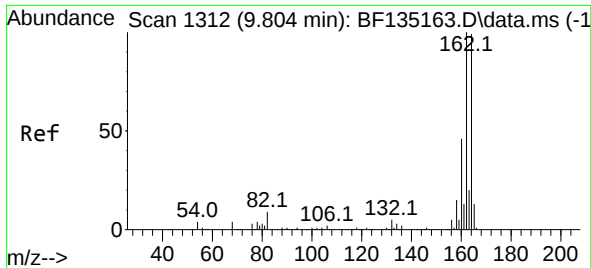
Tgt Ion:142 Resp: 622827

Ion Ratio Lower Upper

142 100

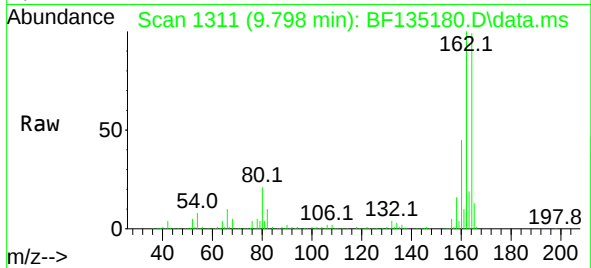
141 92.1 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

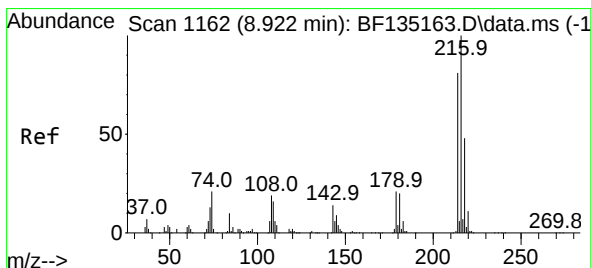
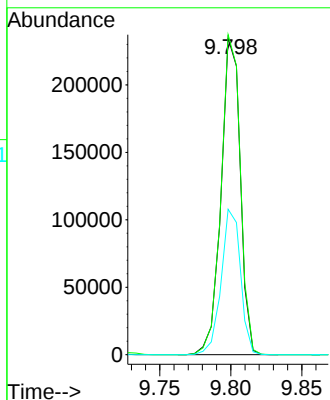
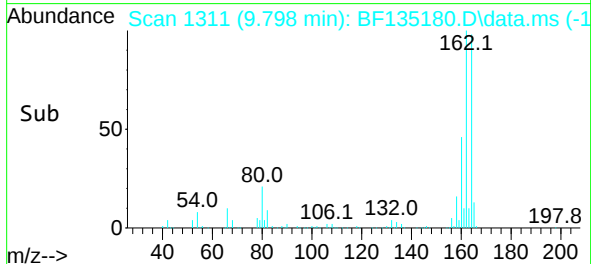
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



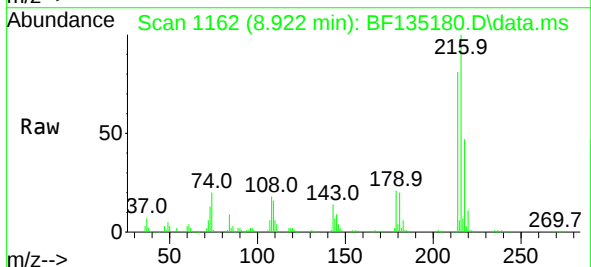
Tgt Ion:164 Resp: 220638
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 45.9 37.0 55.4

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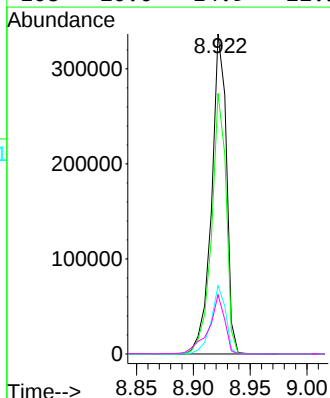
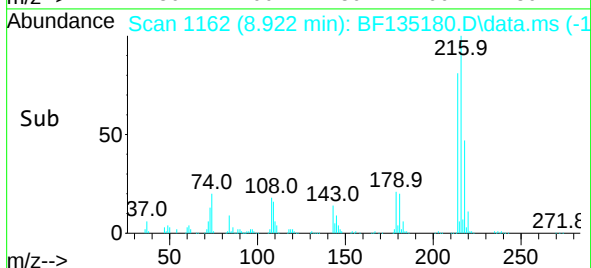
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.962 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



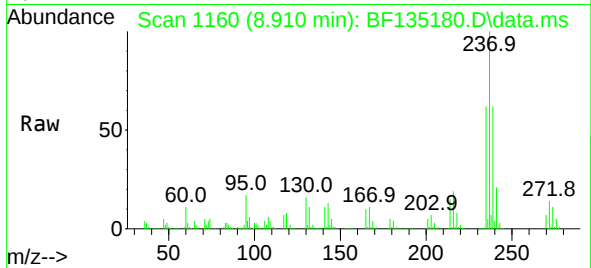
Tgt Ion:216 Resp: 306577
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 20.8 16.7 25.1
108 20.0 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 95.600 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

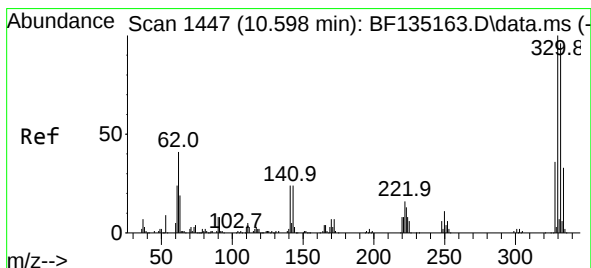
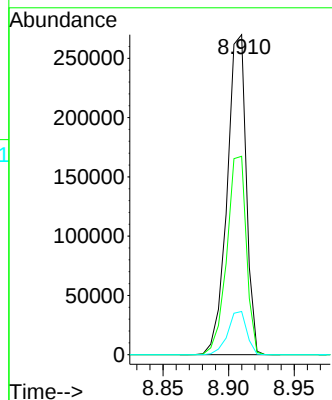
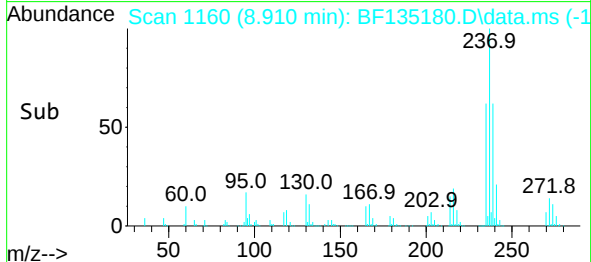
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



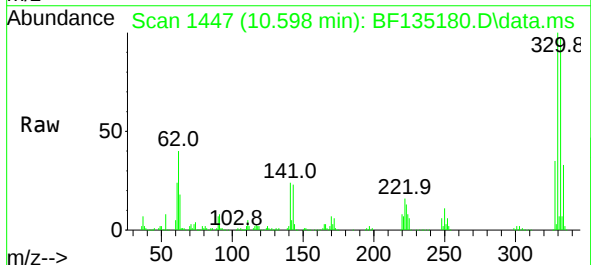
Tgt Ion:237 Resp: 273729
Ion Ratio Lower Upper
237 100
235 62.0 41.8 81.8
272 13.5 0.0 33.6

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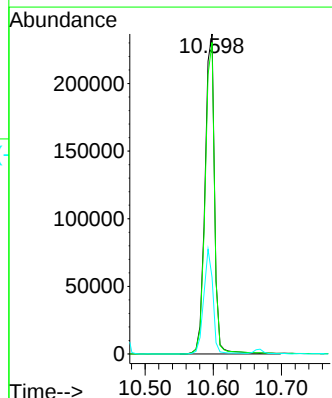
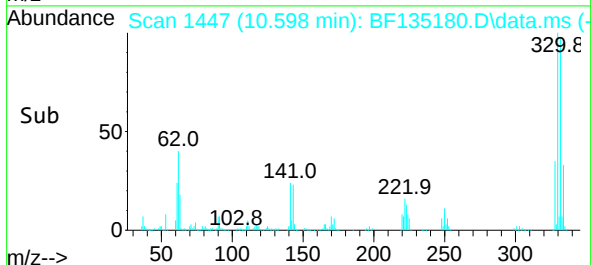
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

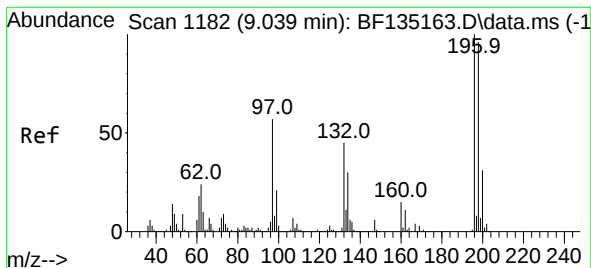


#42
2,4,6-Tribromophenol
Concen: 104.942 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



Tgt Ion:330 Resp: 230096
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 31.9 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 51.129 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135180.D

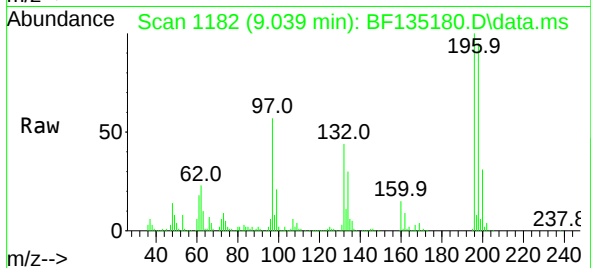
Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD



Tgt Ion:196 Resp: 213984

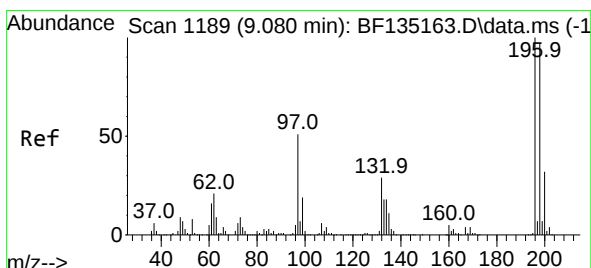
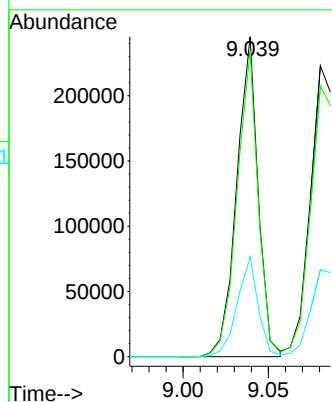
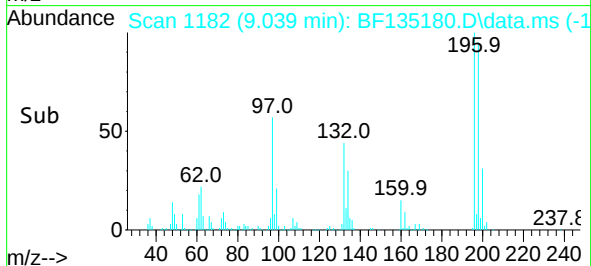
Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.0	115.6
200	31.2	24.5	36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#44

2,4,5-Trichlorophenol

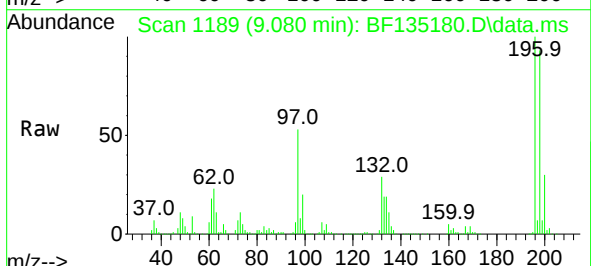
Concen: 49.046 ng

RT: 9.080 min Scan# 1189

Delta R.T. 0.000 min

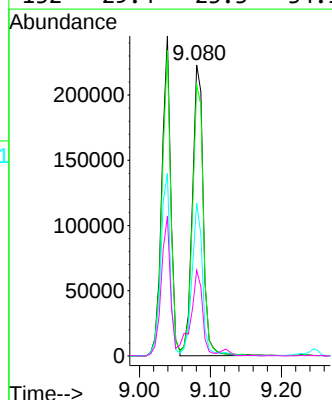
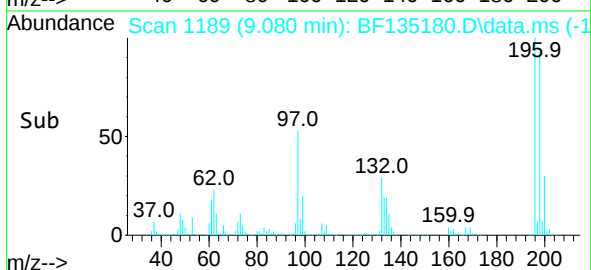
Lab File: BF135180.D

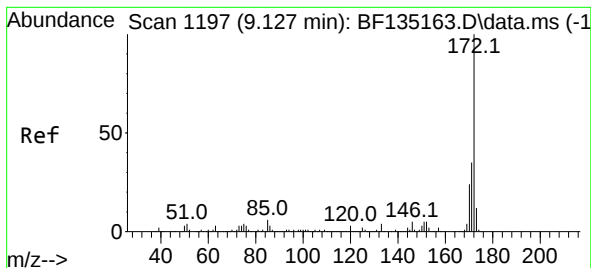
Acq: 12 Sep 2023 14:18



Tgt Ion:196 Resp: 236384

Ion	Ratio	Lower	Upper
196	100		
198	93.1	77.5	116.3
97	52.6	40.5	60.7
132	29.4	23.3	34.9





#45

2-Fluorobiphenyl

Concen: 66.038 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

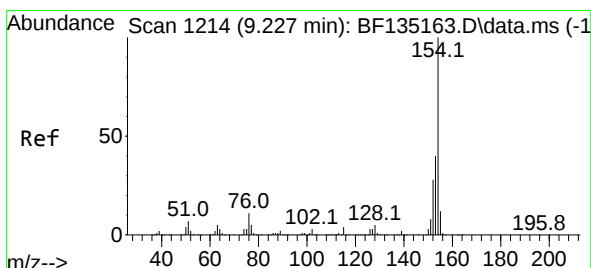
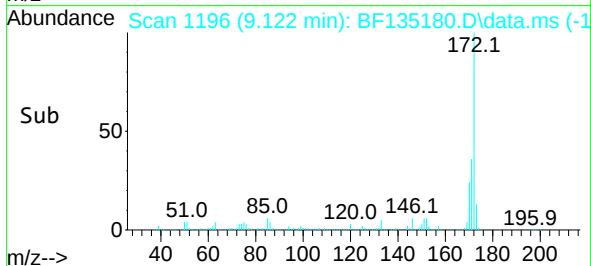
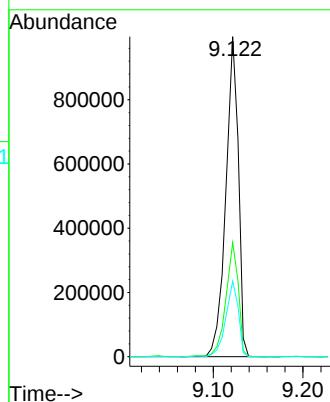
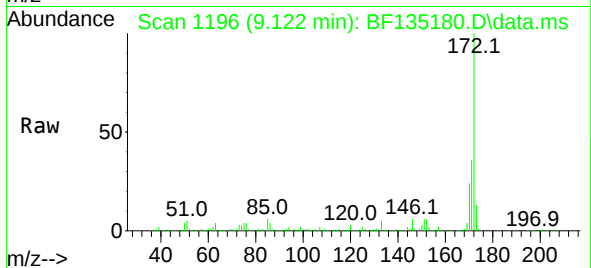
Tgt Ion:172	Resp: 96575
Ion Ratio	Lower Upper
172	100
171	35.7 28.4 42.6
170	23.6 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#46

1,1'-Biphenyl

Concen: 48.314 ng

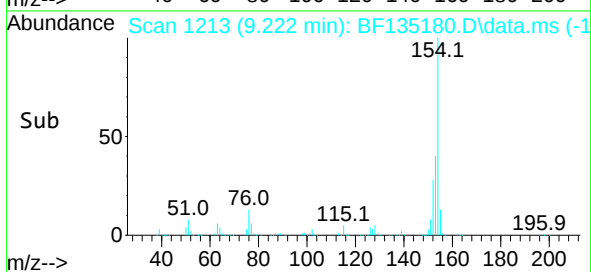
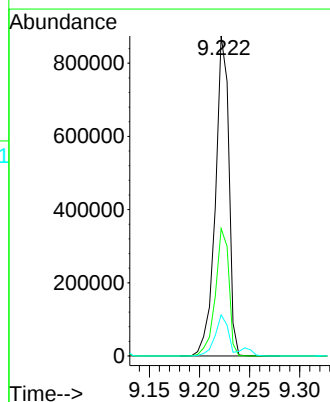
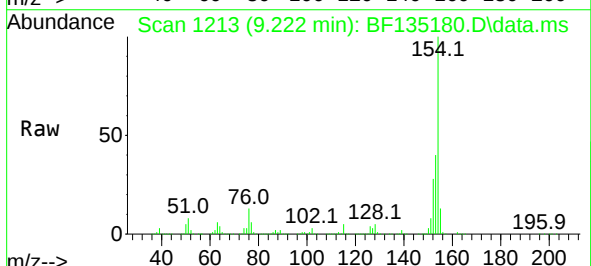
RT: 9.222 min Scan# 1213

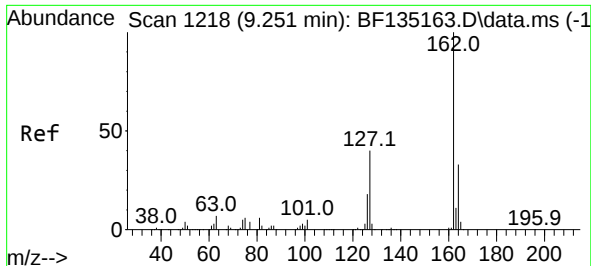
Delta R.T. -0.006 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

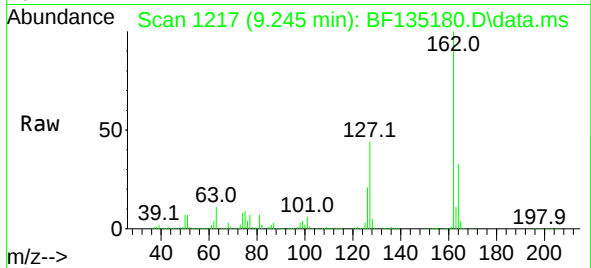
Tgt Ion:154	Resp: 819205
Ion Ratio	Lower Upper
154	100
153	39.8 19.6 59.6
76	12.8 0.0 31.0





#47
2-Chloronaphthalene
Concen: 50.141 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

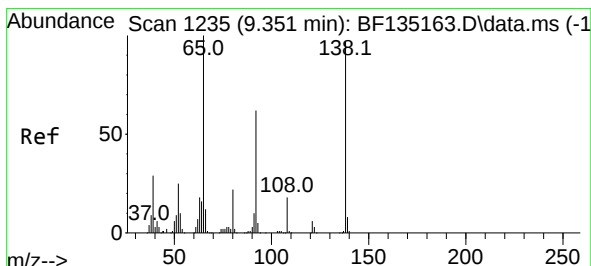
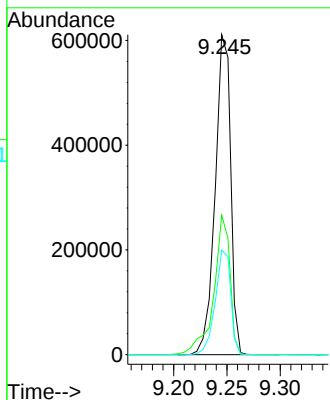
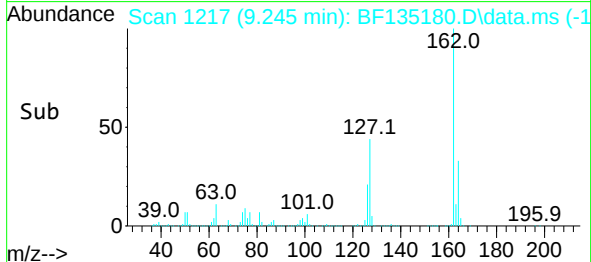
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:162 Resp: 616854
Ion Ratio Lower Upper
162 100
127 43.6 32.6 48.8
164 32.7 26.2 39.2

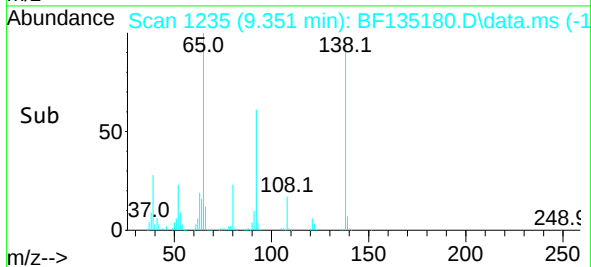
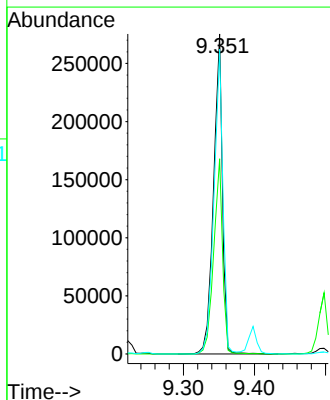
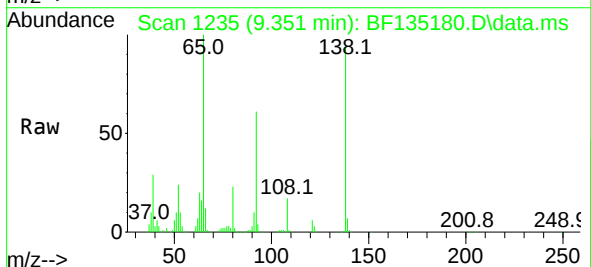
Manual Integrations
APPROVED

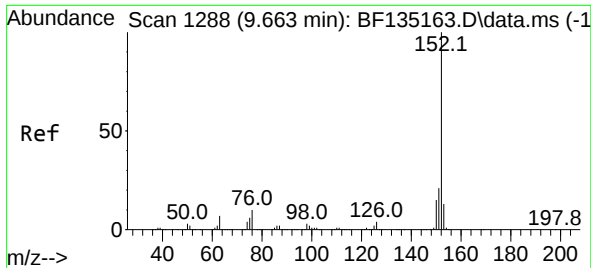
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#48
2-Nitroaniline
Concen: 50.107 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

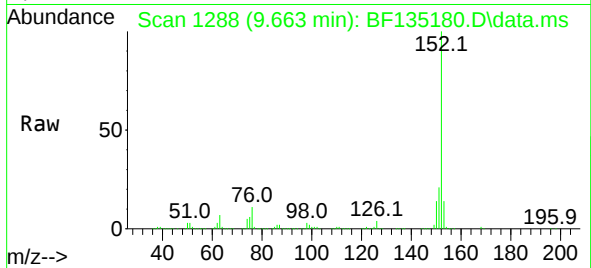
Tgt Ion: 65 Resp: 239481
Ion Ratio Lower Upper
65 100
92 61.0 49.4 74.0
138 95.2 77.4 116.0





#49
Acenaphthylene
Concen: 49.567 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

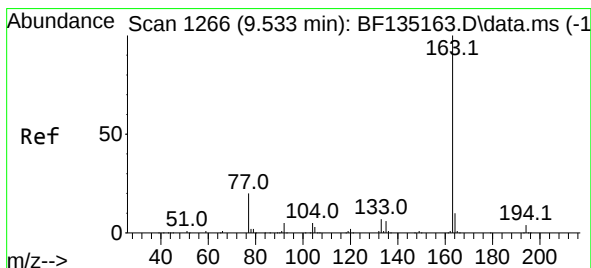
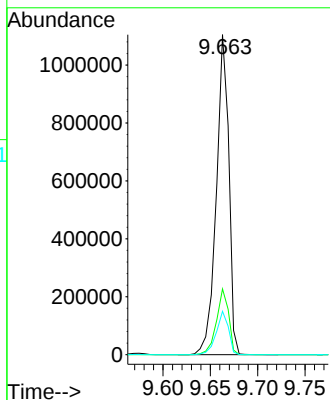
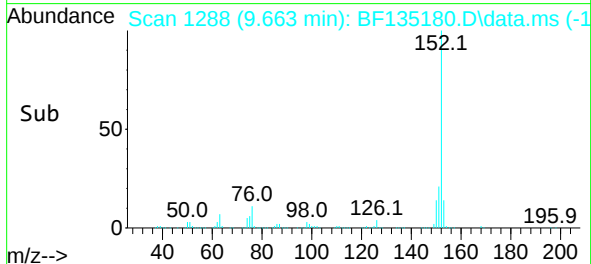
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



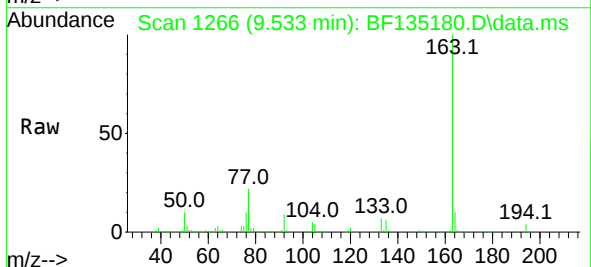
Tgt Ion:152 Resp: 1013429
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.6 10.4 15.6

Manual Integrations
APPROVED

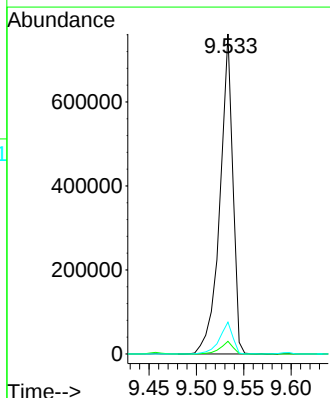
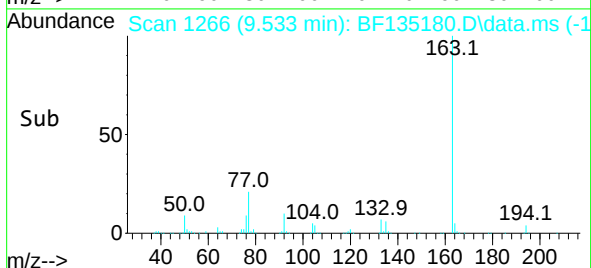
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

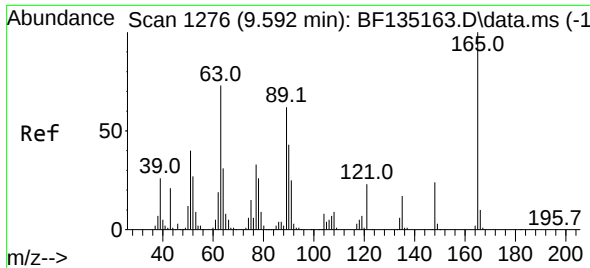


#50
Dimethylphthalate
Concen: 48.512 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



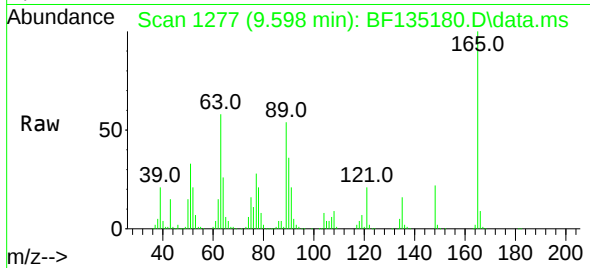
Tgt Ion:163 Resp: 723667
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 50.513 ng
RT: 9.598 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

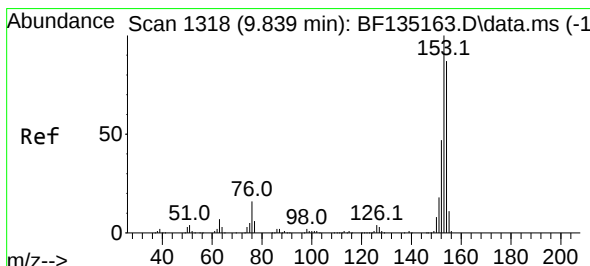
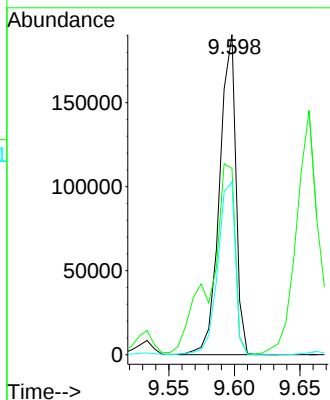
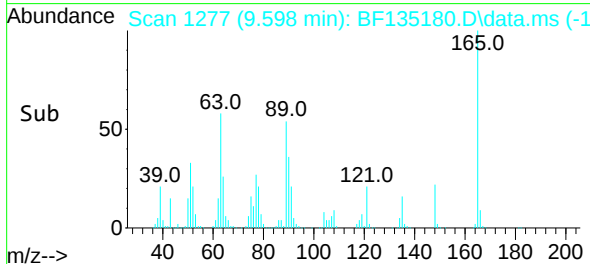
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:165 Resp: 165072
Ion Ratio Lower Upper
165 100
63 58.2 59.4 89.2
89 54.0 49.8 74.8

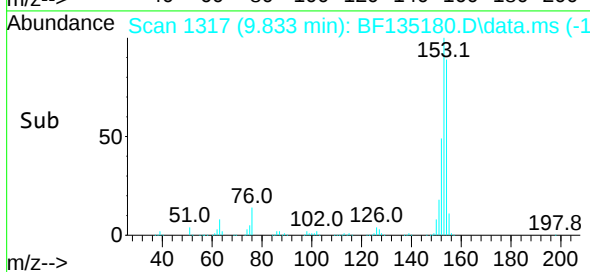
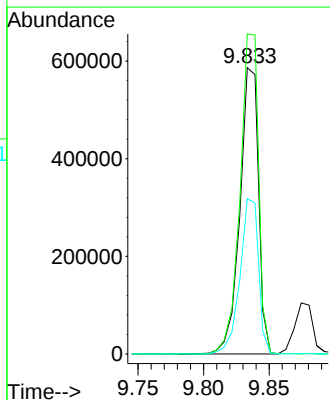
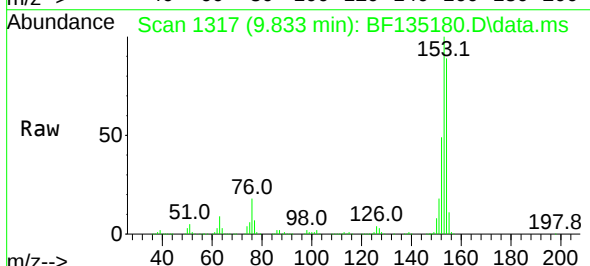
Manual Integrations
APPROVED

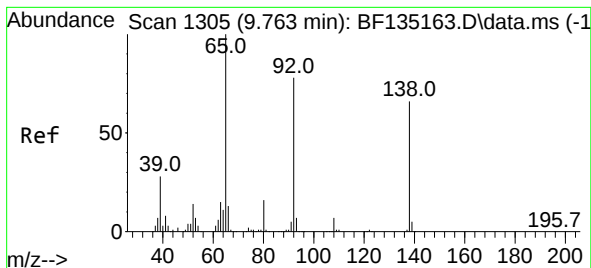
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#52
Acenaphthene
Concen: 48.188 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

Tgt Ion:154 Resp: 582020
Ion Ratio Lower Upper
154 100
153 111.8 92.1 138.1
152 54.3 43.1 64.7





#53

3-Nitroaniline

Concen: 40.333 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

Tgt Ion:138 Resp: 15471

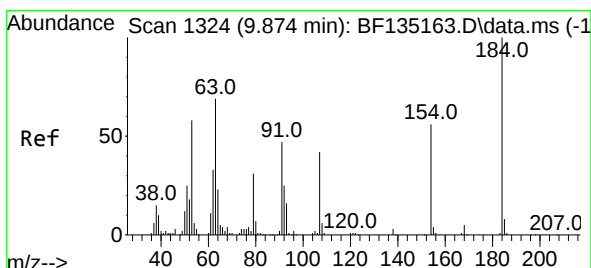
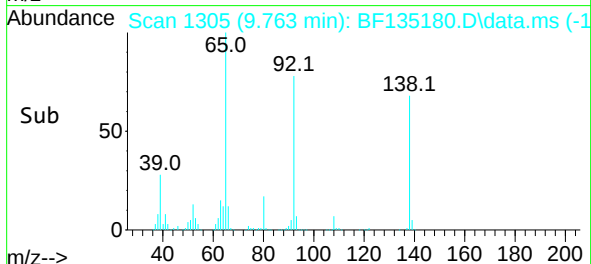
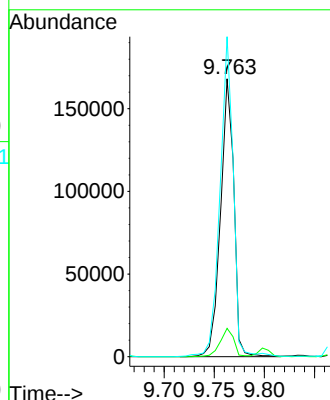
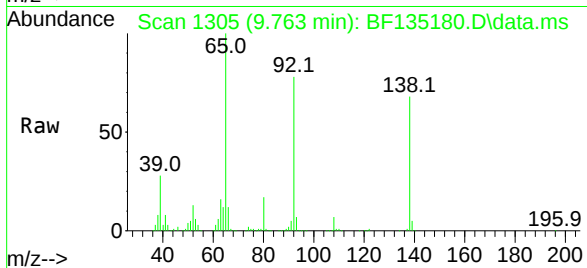
Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.5	12.7
92	115.1	95.4	143.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#54

2,4-Dinitrophenol

Concen: 93.540 ng

RT: 9.880 min Scan# 1325

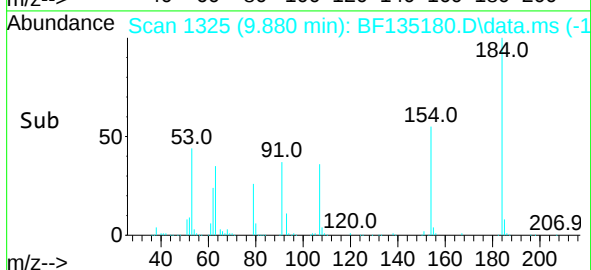
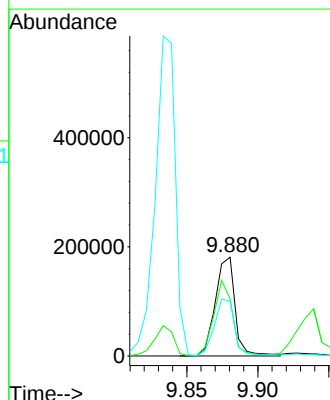
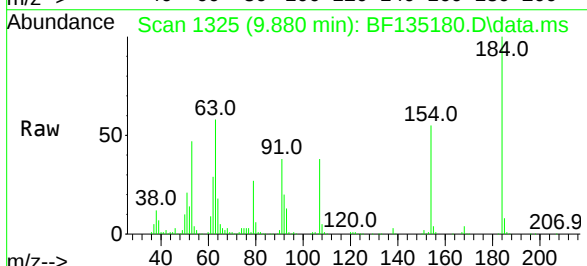
Delta R.T. 0.006 min

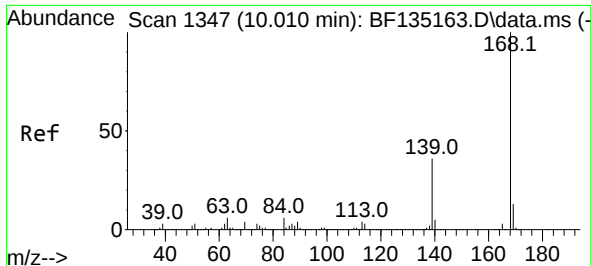
Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Tgt Ion:184 Resp: 175660

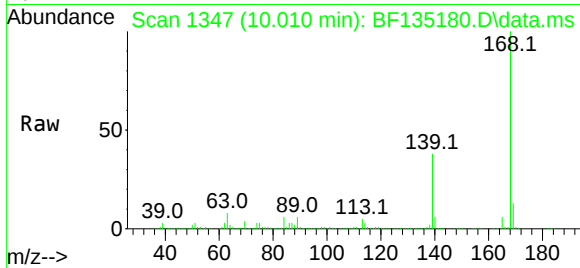
Ion	Ratio	Lower	Upper
184	100		
63	57.8	55.1	82.7
154	55.3	48.4	72.6





#55
Dibenzenofuran
Concen: 47.119 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

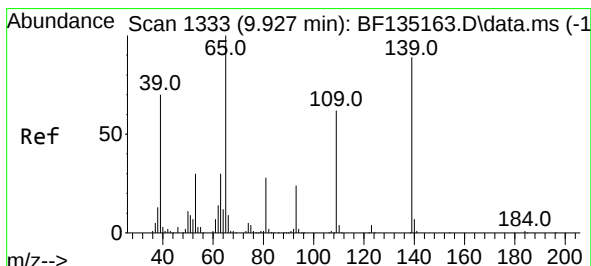
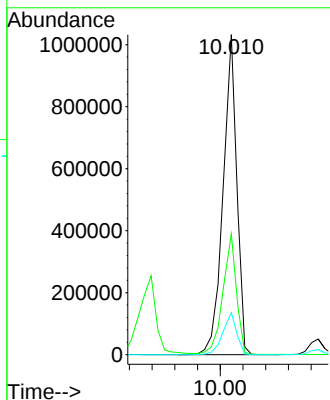
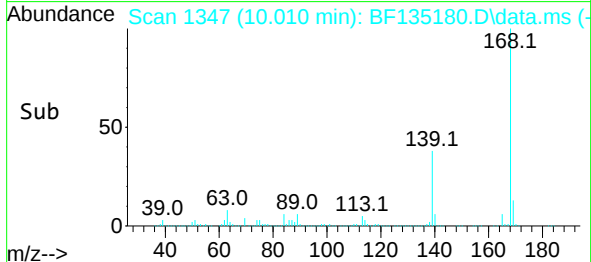
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:168 Resp: 86845
Ion Ratio Lower Upper
168 100
139 37.7 29.0 43.6
169 13.1 10.4 15.6

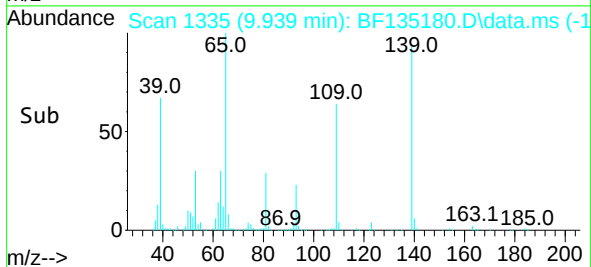
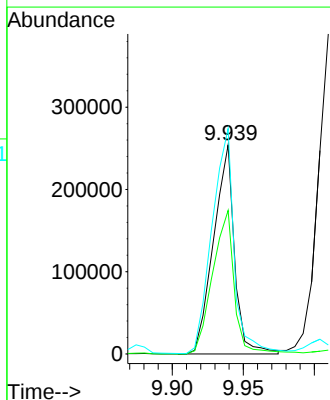
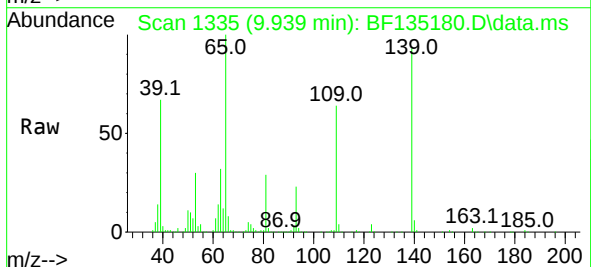
Manual Integrations
APPROVED

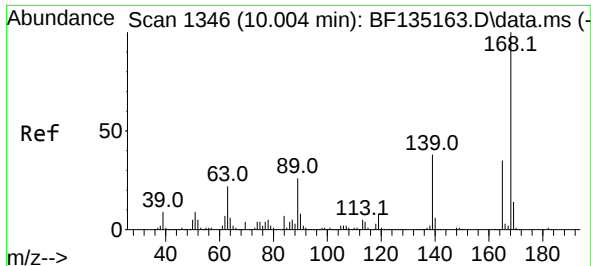
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#56
4-Nitrophenol
Concen: 107.107 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

Tgt Ion:139 Resp: 261122
Ion Ratio Lower Upper
139 100
109 68.6 49.8 89.8
65 107.8 92.7 132.7





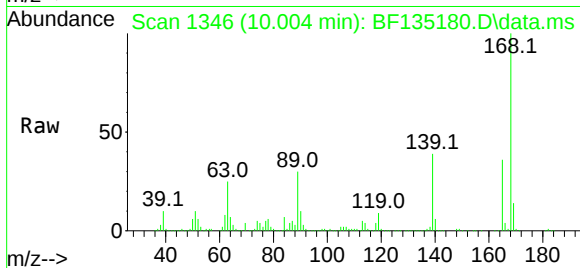
#57
2,4-Dinitrotoluene
Concen: 48.360 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

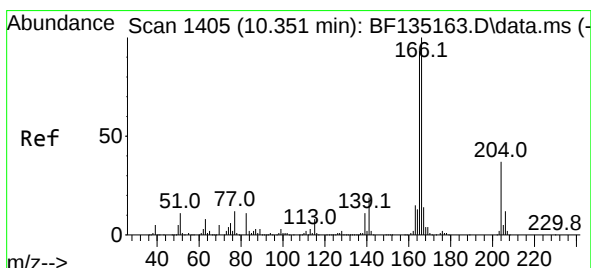
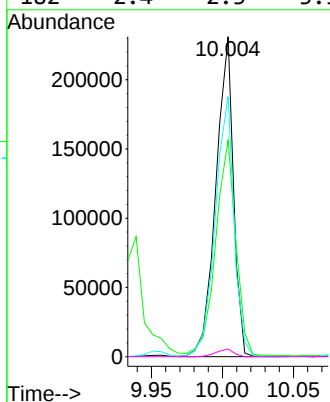
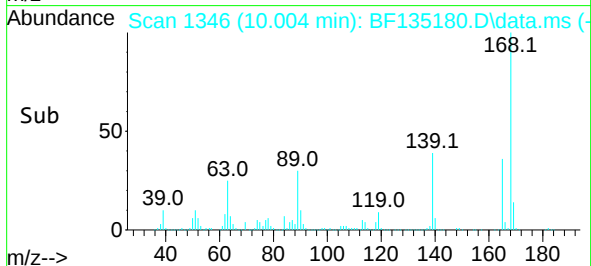


Tgt Ion:165 Resp: 197849
Ion Ratio Lower Upper
165 100
63 67.7 50.1 75.1
89 81.3 59.3 88.9
182 2.4 2.3 3.5

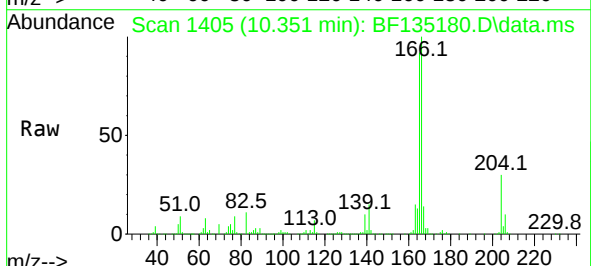
Manual Integrations

APPROVED

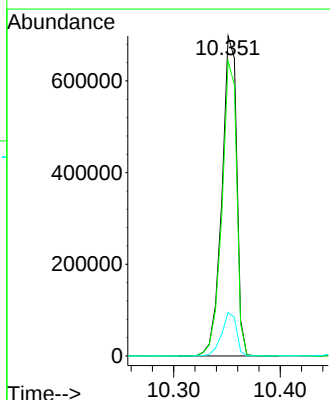
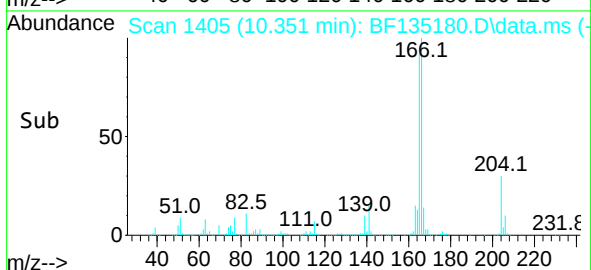
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#58
Fluorene
Concen: 47.551 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



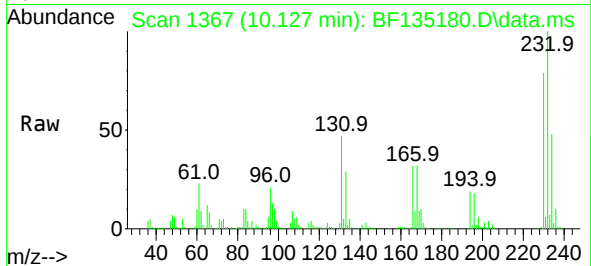
Tgt Ion:166 Resp: 673754
Ion Ratio Lower Upper
166 100
165 92.2 74.3 111.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.680 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

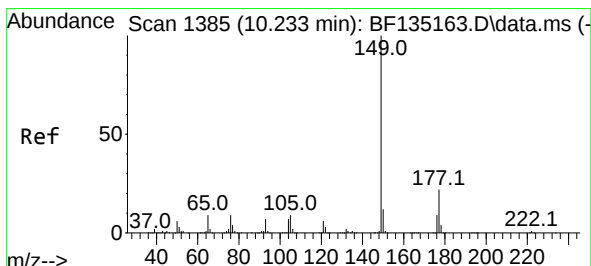
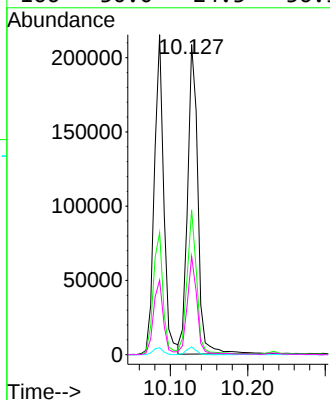
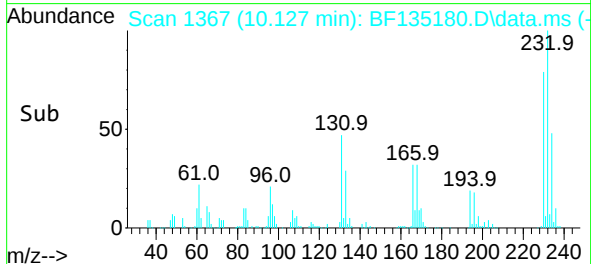
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



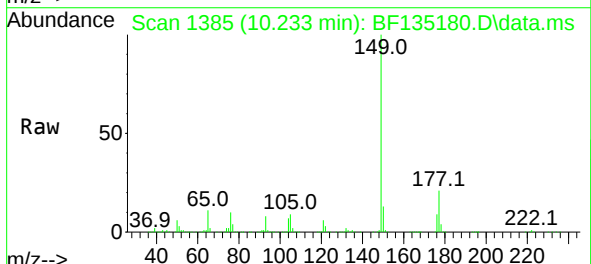
Tgt Ion:232 Resp: 191604
Ion Ratio Lower Upper
232 100
131 44.2 35.4 53.2
130 2.3 1.8 2.8
166 30.0 24.3 36.5

Manual Integrations
APPROVED

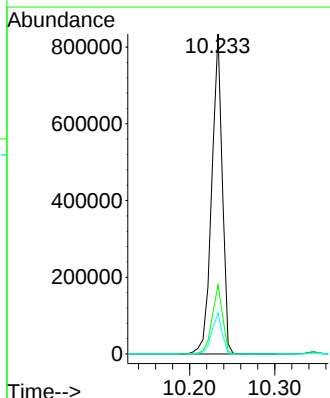
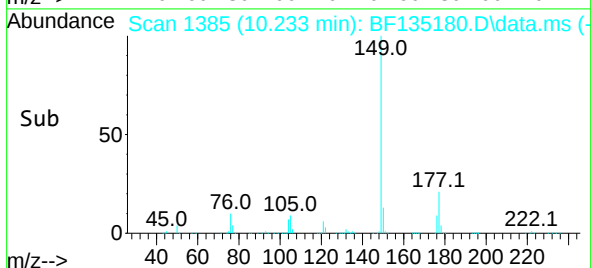
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

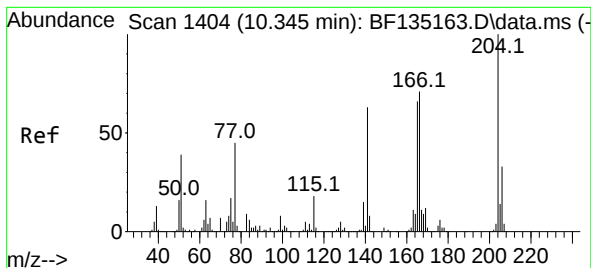


#60
Diethylphthalate
Concen: 47.897 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



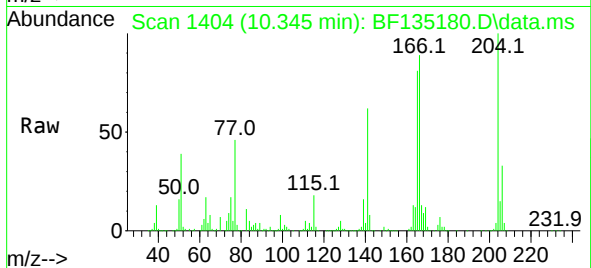
Tgt Ion:149 Resp: 717059
Ion Ratio Lower Upper
149 100
177 21.5 17.8 26.6
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.593 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

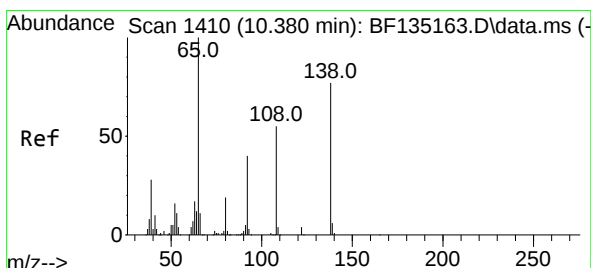
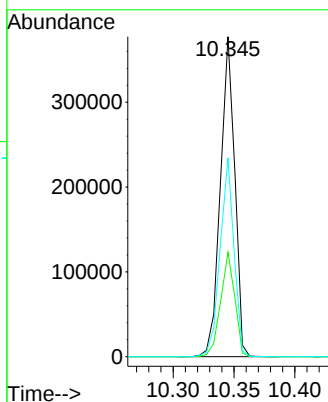
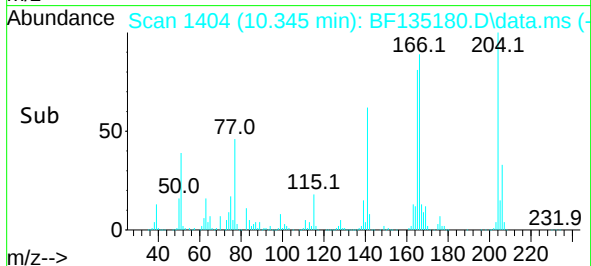
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:204 Resp: 31032
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 62.1 50.6 75.8

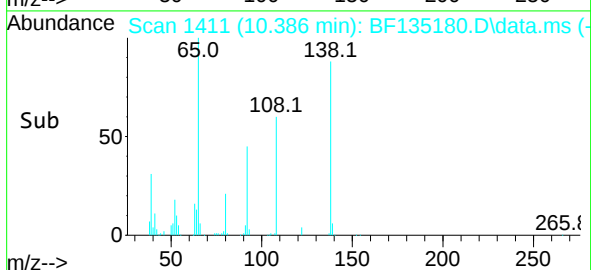
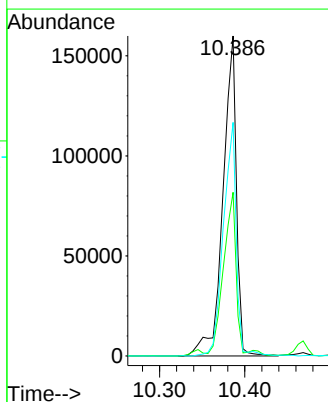
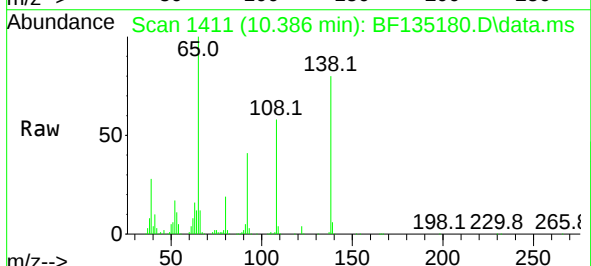
Manual Integrations
APPROVED

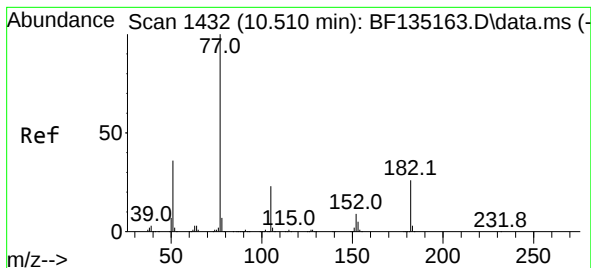
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#62
4-Nitroaniline
Concen: 47.881 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

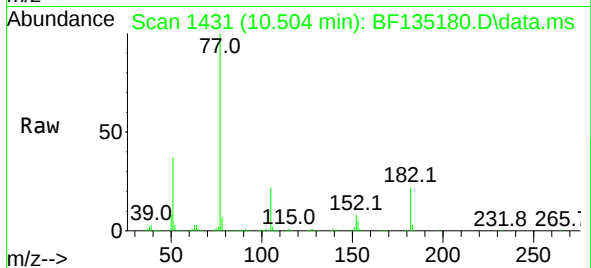
Tgt Ion:138 Resp: 176553
Ion Ratio Lower Upper
138 100
92 51.2 31.8 71.8
108 73.0 52.0 92.0





#63
Azobenzene
Concen: 47.800 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

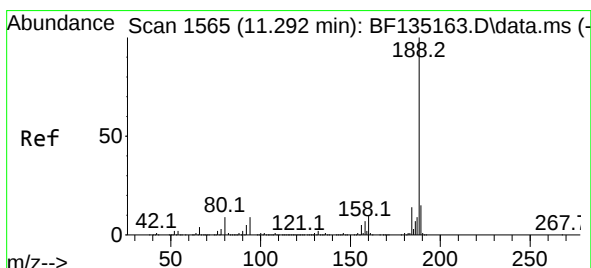
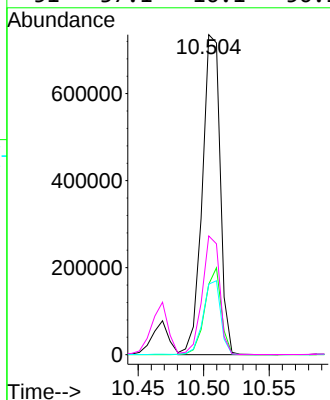
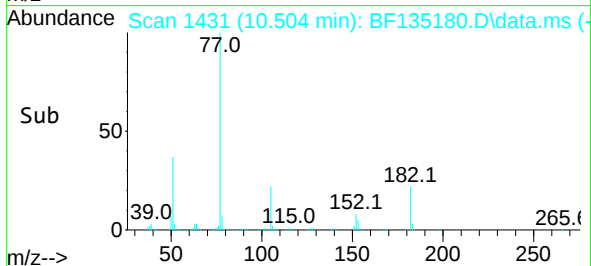
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



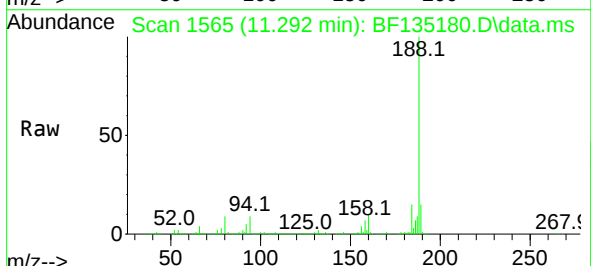
Tgt Ion: 77 Resp: 700359
Ion Ratio Lower Upper
77 100
182 22.0 6.4 46.4
105 22.0 3.1 43.1
51 37.1 16.1 56.1

Manual Integrations
APPROVED

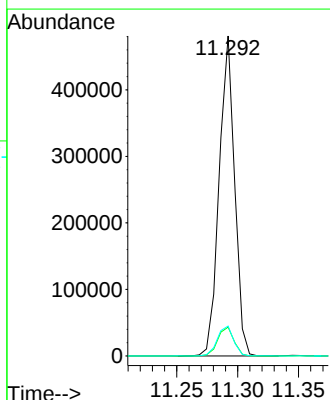
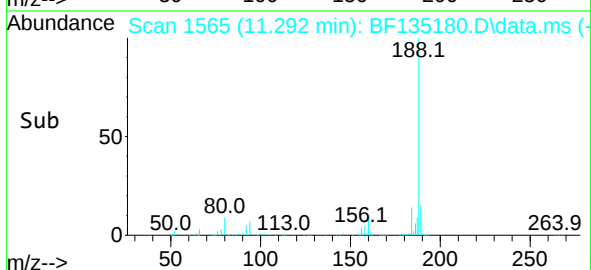
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

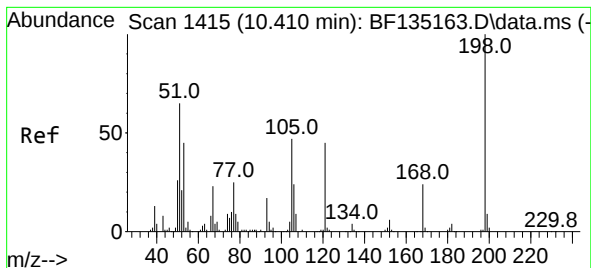


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



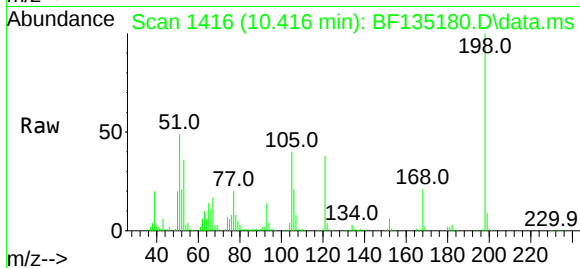
Tgt Ion:188 Resp: 425687
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.4 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 50.032 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

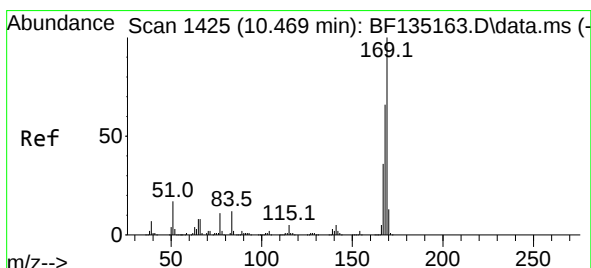
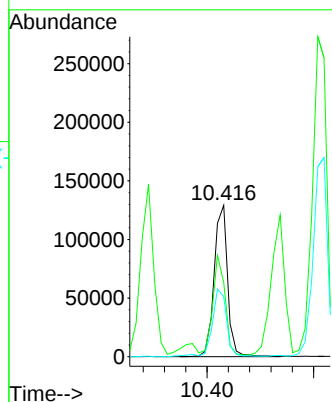
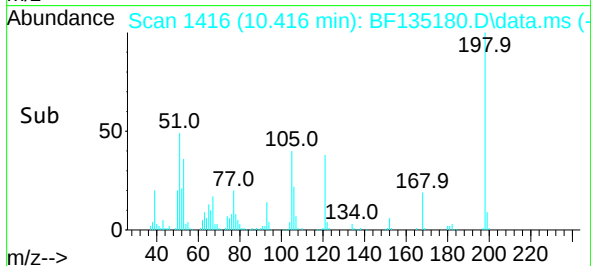
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



Tgt Ion:198 Resp: 113120
Ion Ratio Lower Upper
198 100
51 49.0 47.7 87.7
105 39.8 27.4 67.4

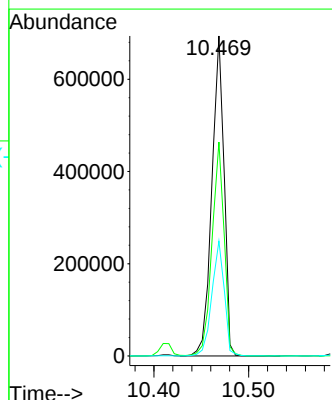
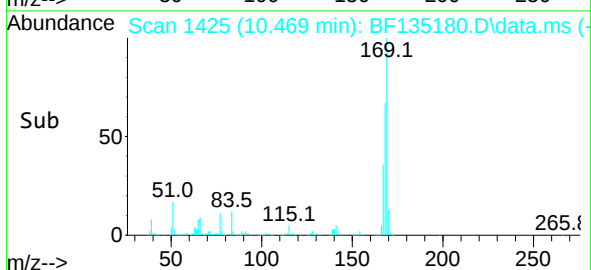
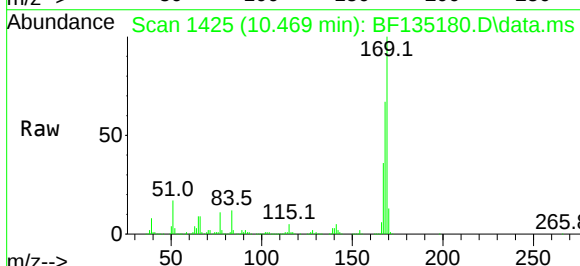
Manual Integrations
APPROVED

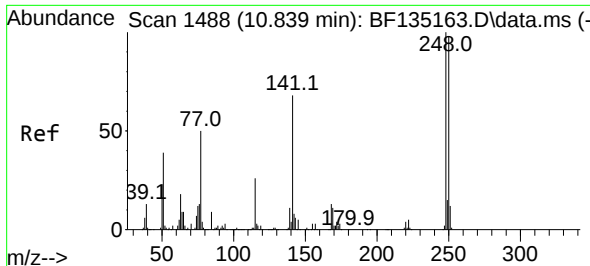
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#66
n-Nitrosodiphenylamine
Concen: 48.093 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

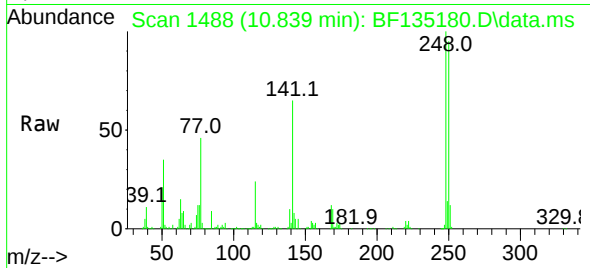
Tgt Ion:169 Resp: 619805
Ion Ratio Lower Upper
169 100
168 66.9 52.8 79.2
167 35.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.717 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

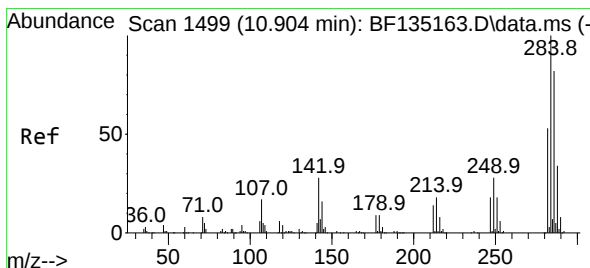
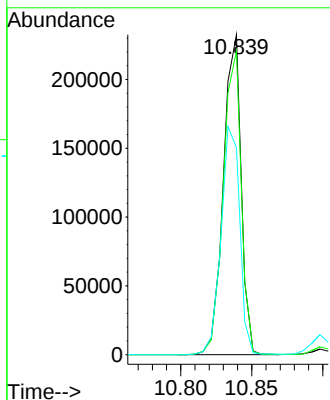
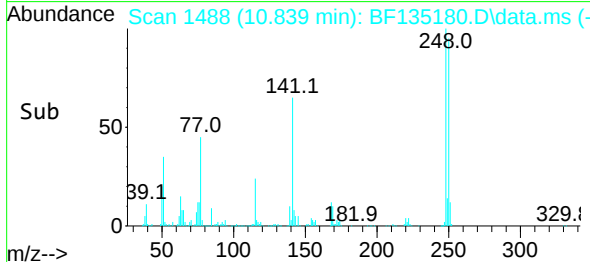
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



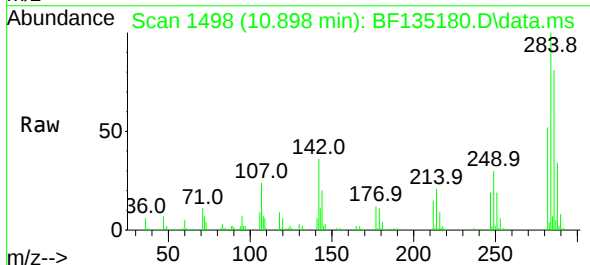
Tgt Ion:248 Resp: 20202
Ion Ratio Lower Upper
248 100
250 94.9 78.6 117.8
141 64.7 54.2 81.2

Manual Integrations
APPROVED

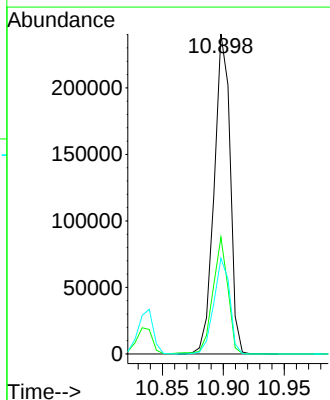
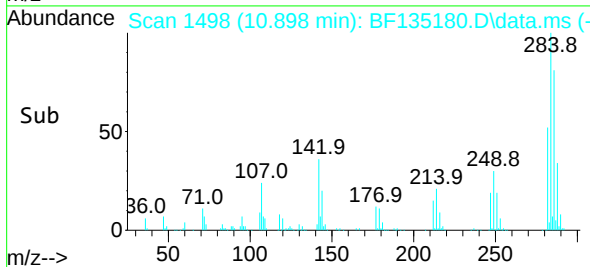
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

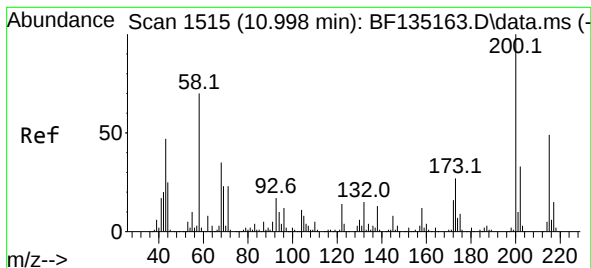


#68
Hexachlorobenzene
Concen: 51.029 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



Tgt Ion:284 Resp: 220099
Ion Ratio Lower Upper
284 100
142 36.5 22.2 33.4#
249 29.9 22.5 33.7





#69

Atrazine

Concen: 54.035 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135180.D

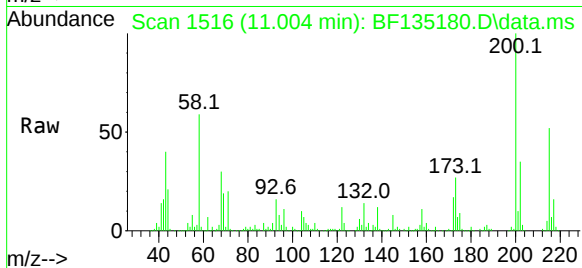
Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD



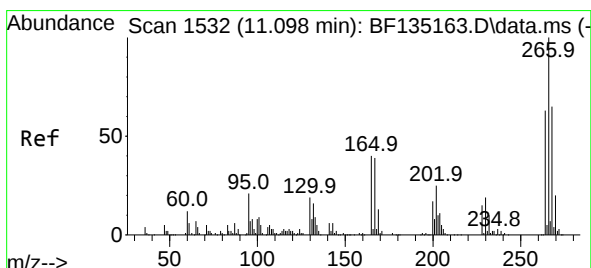
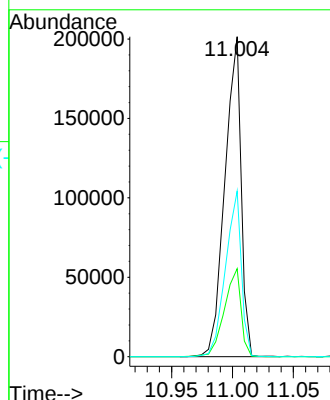
Tgt Ion:	200	Resp:	187379
Ion Ratio	Lower	Upper	
200	100		
173	27.5	7.4	47.4
215	51.8	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#70

Pentachlorophenol

Concen: 80.893 ng

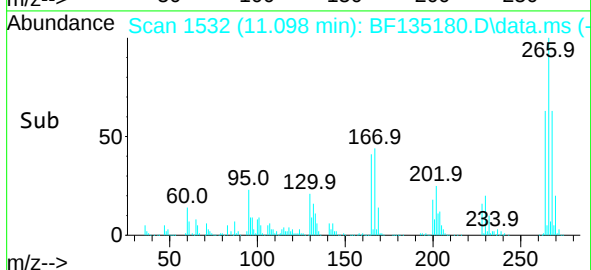
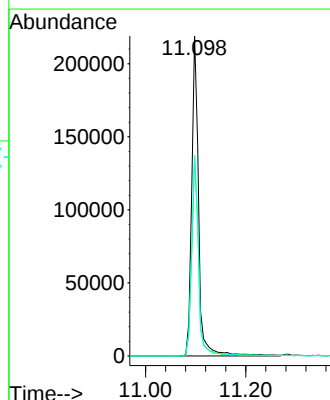
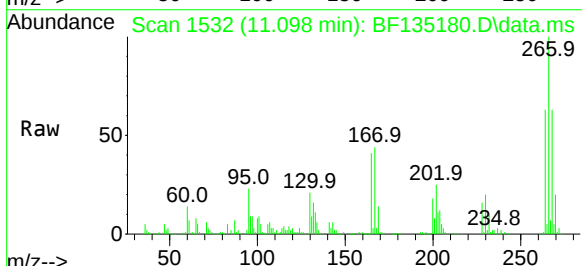
RT: 11.098 min Scan# 1532

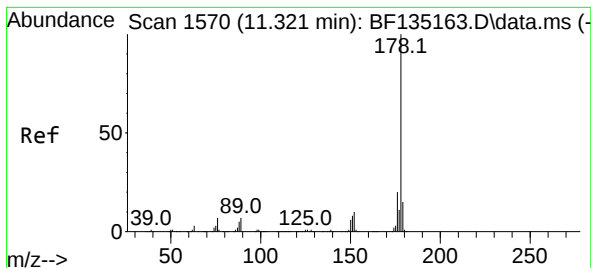
Delta R.T. 0.000 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Tgt Ion:	266	Resp:	208754
Ion Ratio	Lower	Upper	
266	100		
268	62.6	52.1	78.1
264	62.6	50.8	76.2





#71

Phenanthrene

Concen: 48.440 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

Tgt Ion:178 Resp: 97525

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

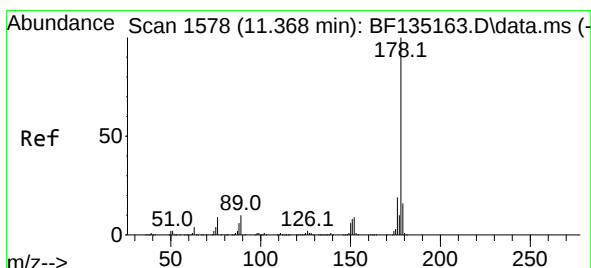
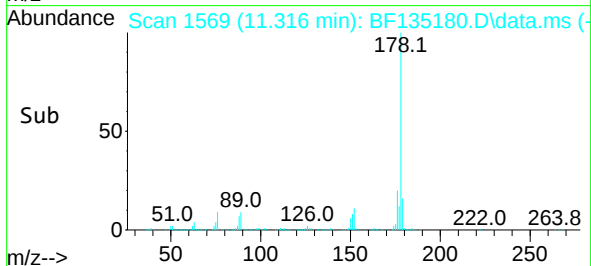
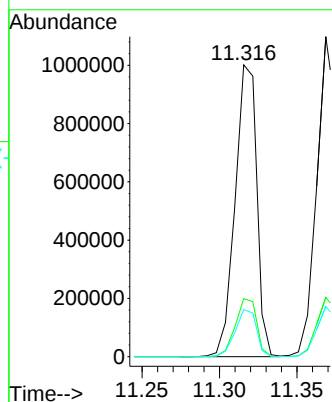
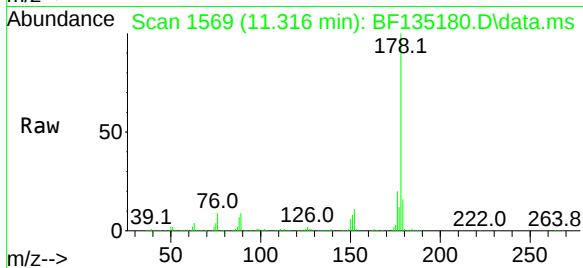
179 16.1 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#72

Anthracene

Concen: 48.311 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

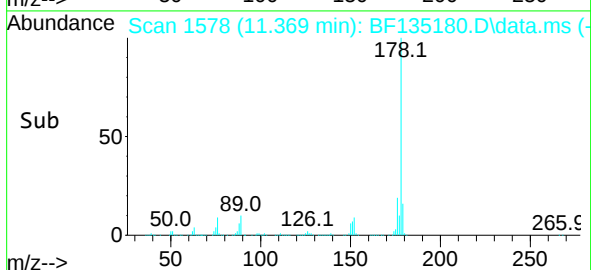
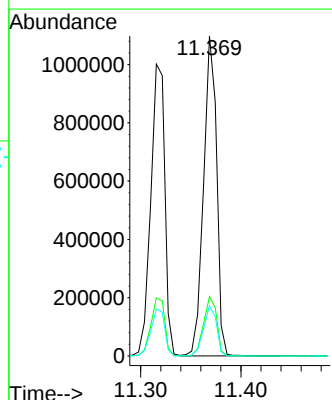
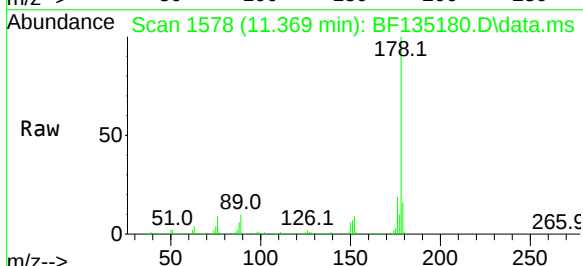
Tgt Ion:178 Resp: 999782

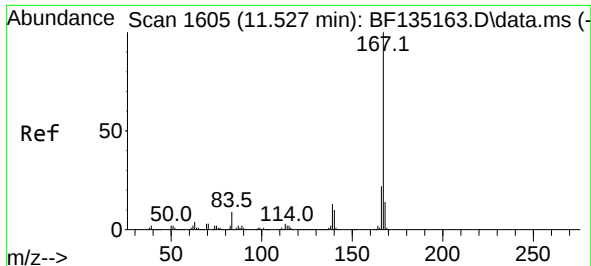
Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

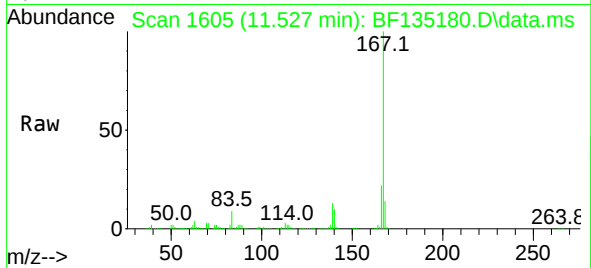
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 49.600 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135180.D
 Acq: 12 Sep 2023 14:18

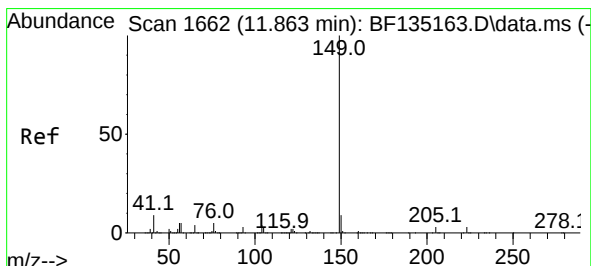
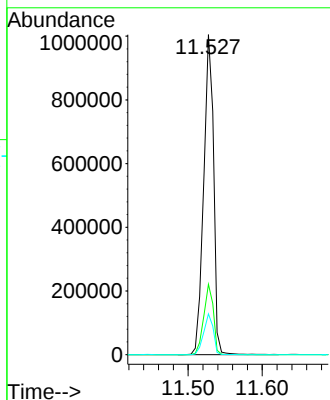
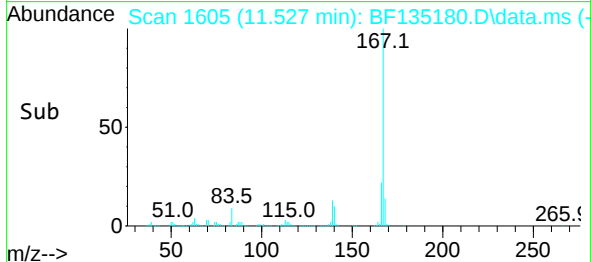
Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MSD



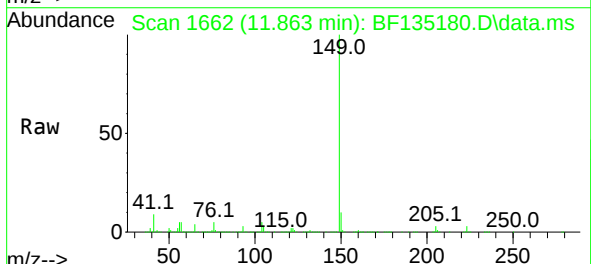
Tgt Ion:167 Resp: 934410
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 12.8 10.6 15.8

Manual Integrations
 APPROVED

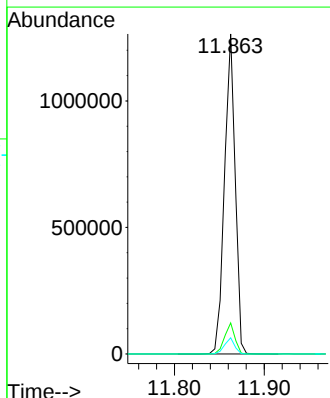
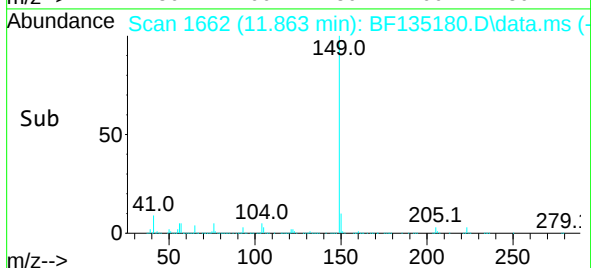
Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

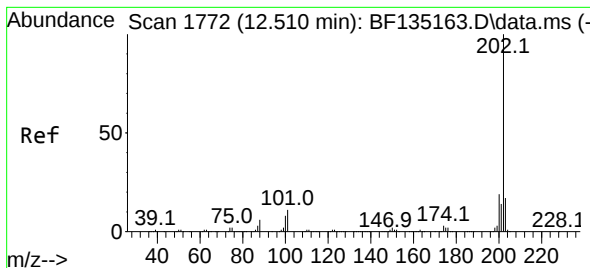


#74
 Di-n-butylphthalate
 Concen: 47.127 ng
 RT: 11.863 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF135180.D
 Acq: 12 Sep 2023 14:18



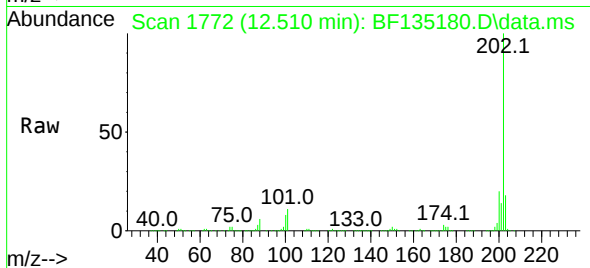
Tgt Ion:149 Resp: 1046159
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.0
 104 5.0 3.6 5.4





#75
Fluoranthene
Concen: 45.478 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

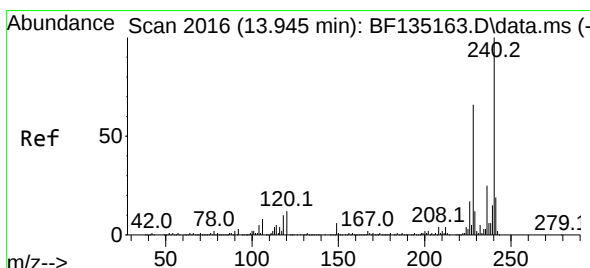
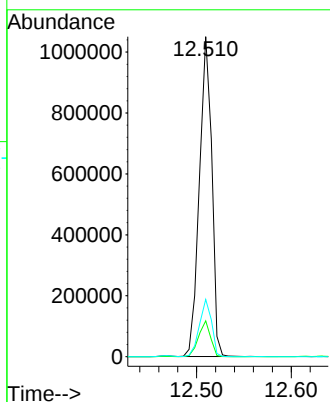
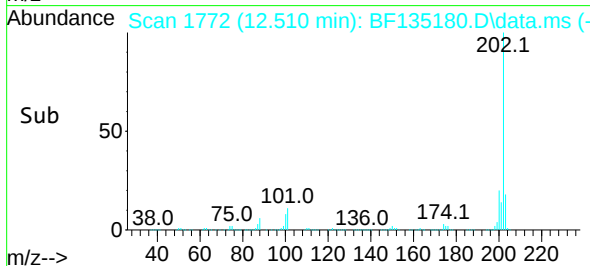
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



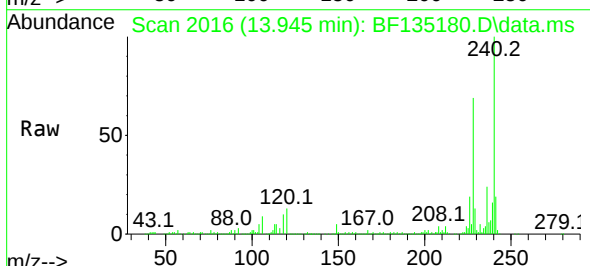
Tgt Ion:202 Resp: 954072
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.3
203 17.9 0.0 37.4

Manual Integrations
APPROVED

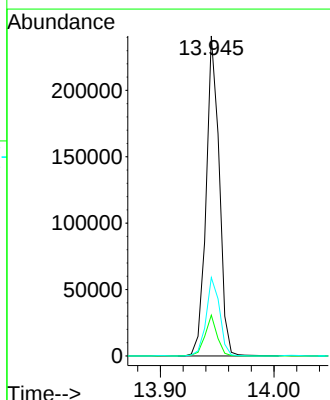
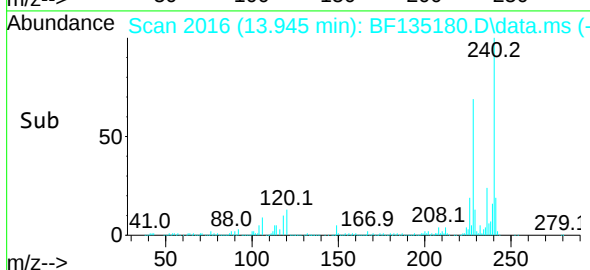
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

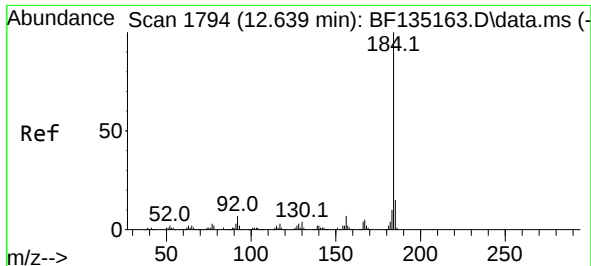


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



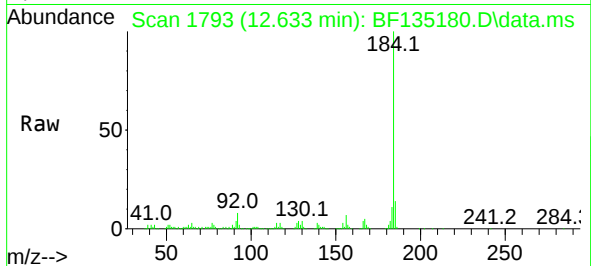
Tgt Ion:240 Resp: 192697
Ion Ratio Lower Upper
240 100
120 12.8 9.4 14.2
236 24.5 19.8 29.8





#77
Benzidine
Concen: 48.949 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

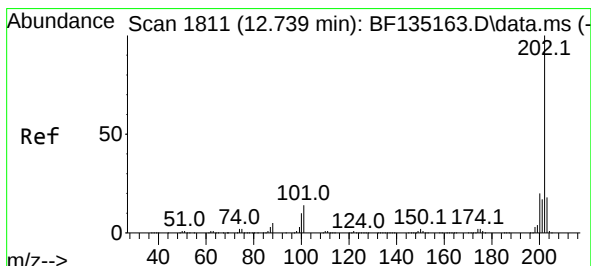
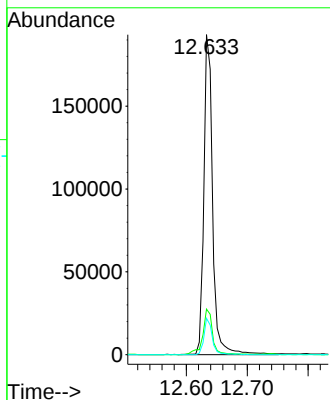
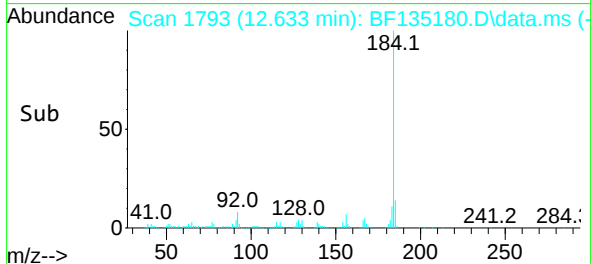
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



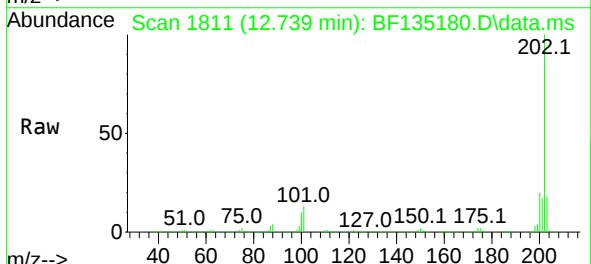
Tgt Ion:184 Resp: 193239
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.4 8.2 12.4

Manual Integrations
APPROVED

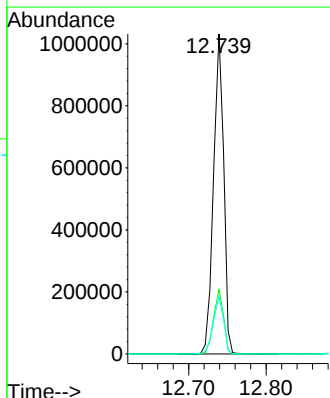
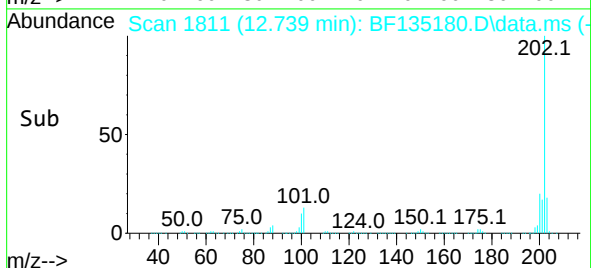
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

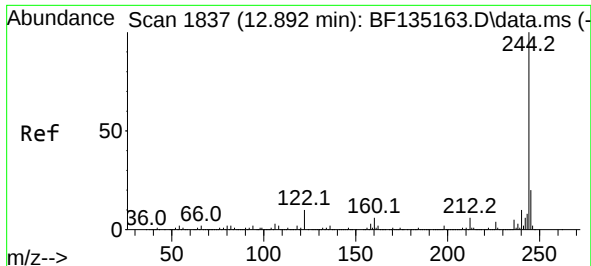


#78
Pyrene
Concen: 51.394 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



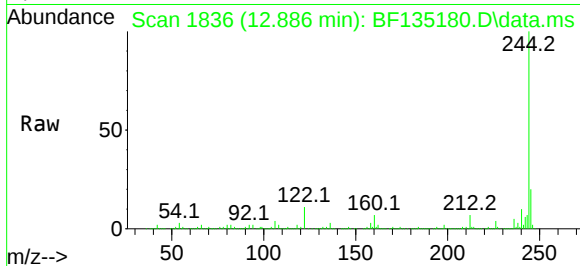
Tgt Ion:202 Resp: 942891
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.8 14.2 21.4





#79
 Terphenyl-d14
 Concen: 71.325 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135180.D
 Acq: 12 Sep 2023 14:18

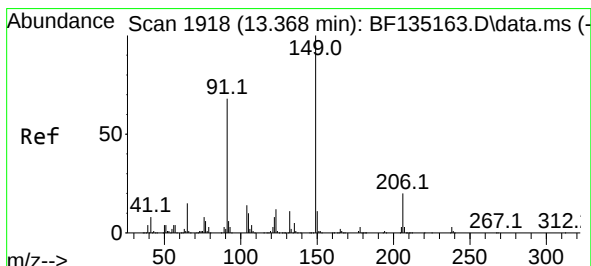
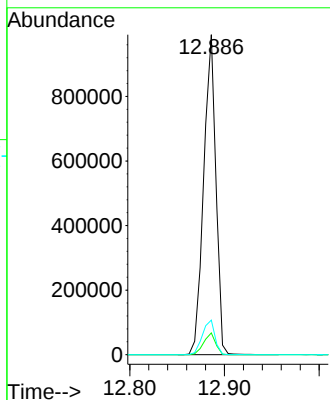
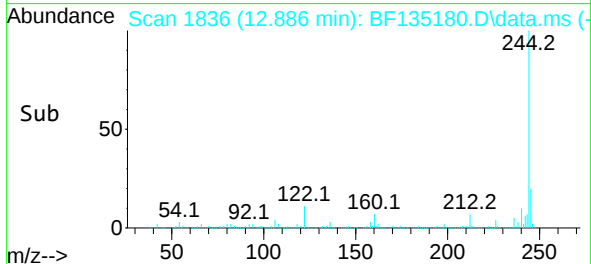
Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)MSD



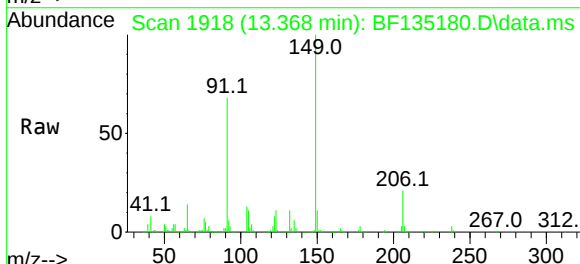
Tgt Ion:244 Resp: 886600
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 10.8 7.9 11.9

Manual Integrations
 APPROVED

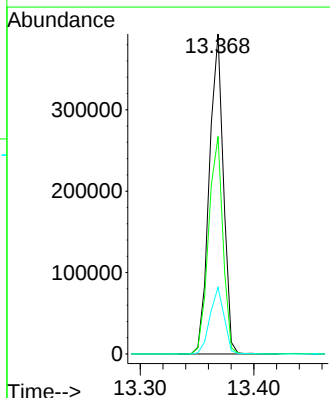
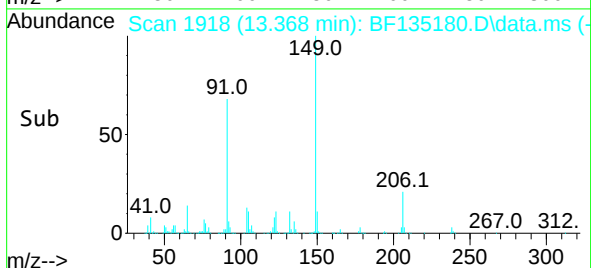
Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

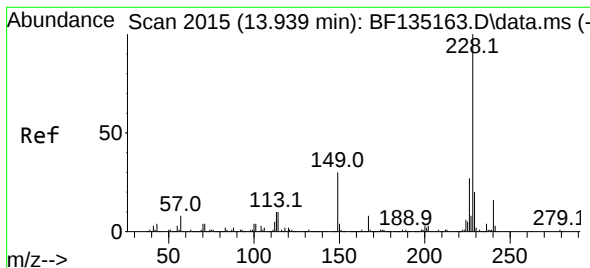


#80
 Butylbenzylphthalate
 Concen: 52.376 ng
 RT: 13.368 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF135180.D
 Acq: 12 Sep 2023 14:18



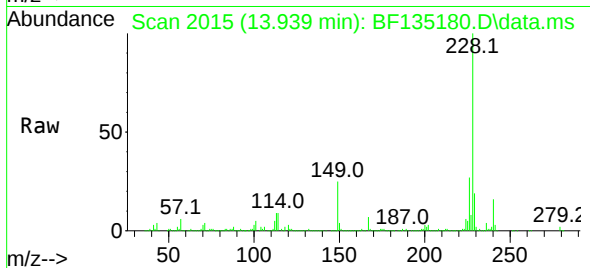
Tgt Ion:149 Resp: 338316
 Ion Ratio Lower Upper
 149 100
 91 67.9 54.7 82.1
 206 20.8 16.3 24.5





#81
Benzo(a)anthracene
Concen: 48.705 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

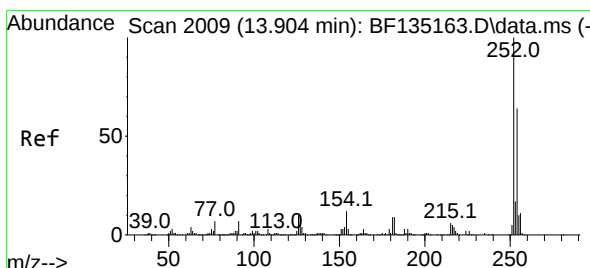
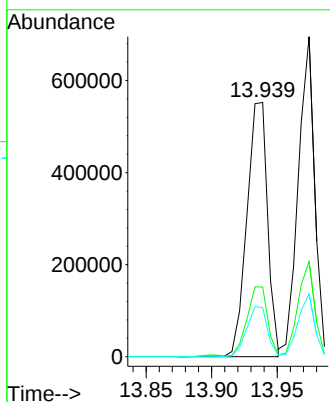
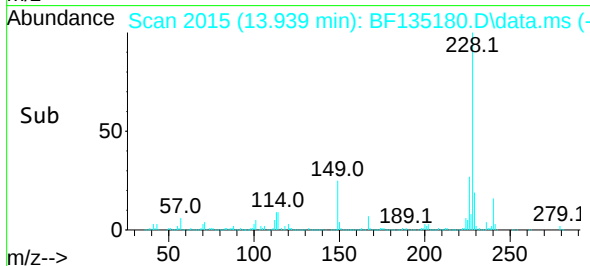
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



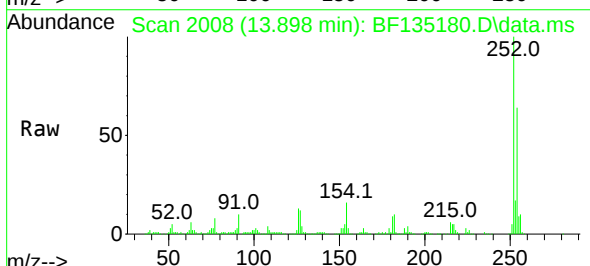
Tgt Ion:228 Resp: 606032
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.3 15.8 23.8

Manual Integrations
APPROVED

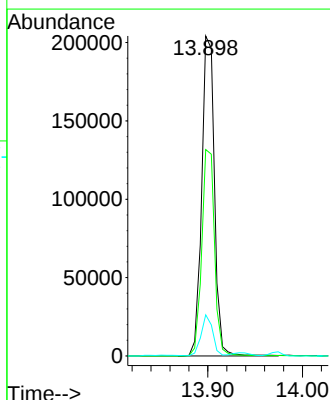
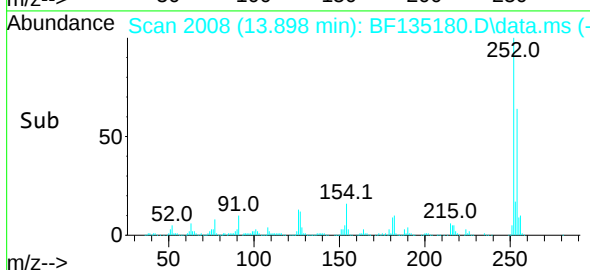
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

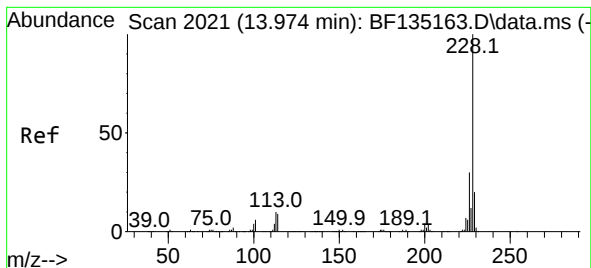


#82
3,3'-Dichlorobenzidine
Concen: 49.224 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



Tgt Ion:252 Resp: 191315
Ion Ratio Lower Upper
252 100
254 64.5 51.0 76.4
126 12.8 7.8 11.8





#83

Chrysene

Concen: 48.839 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

Tgt Ion:228 Resp: 60419

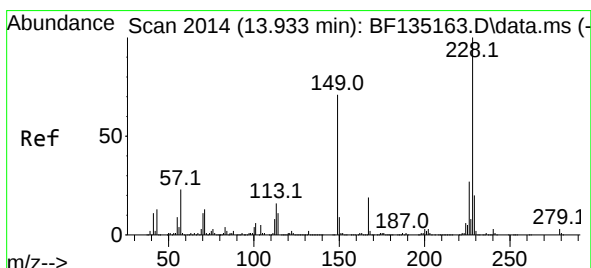
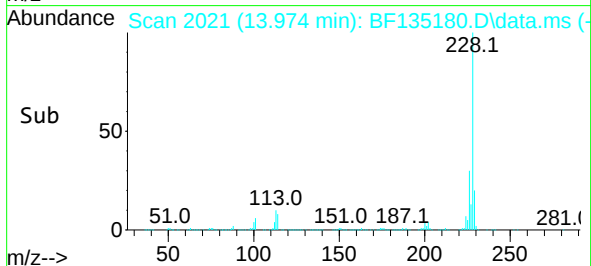
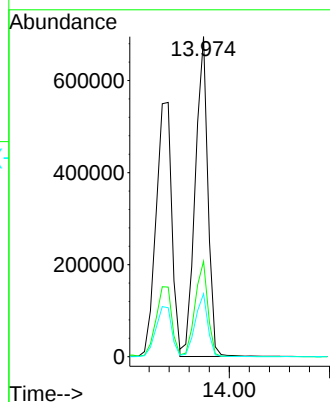
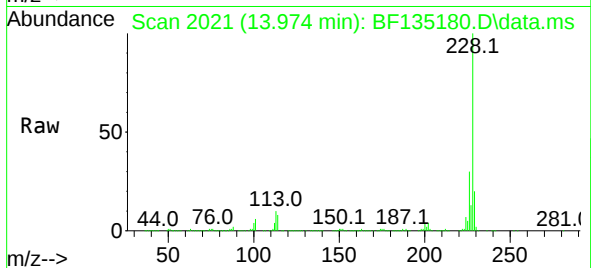
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	19.6	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.805 ng

RT: 13.933 min Scan# 2014

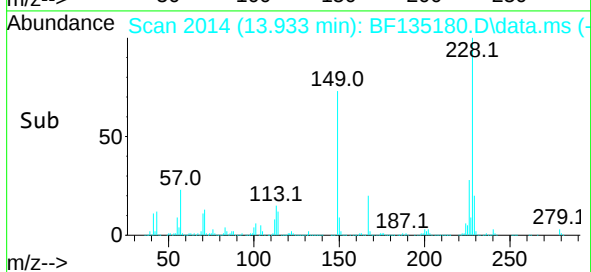
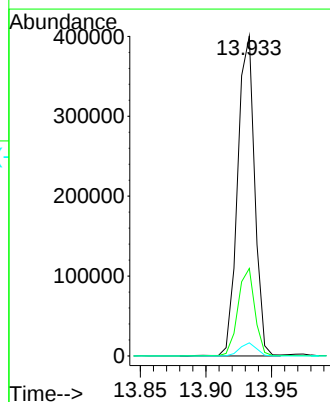
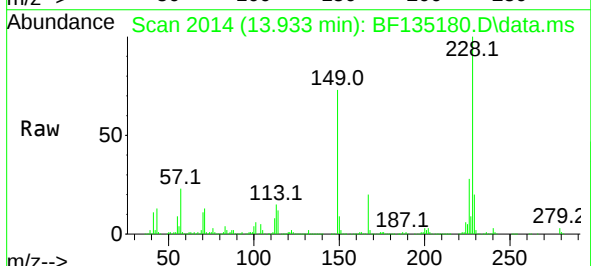
Delta R.T. 0.000 min

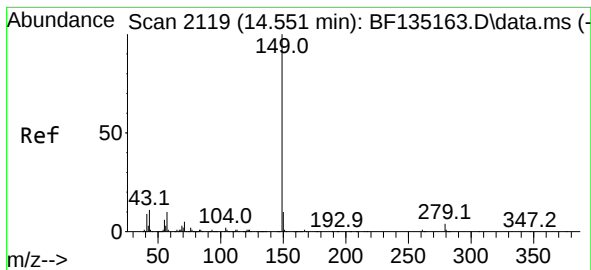
Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Tgt Ion:149 Resp: 363272

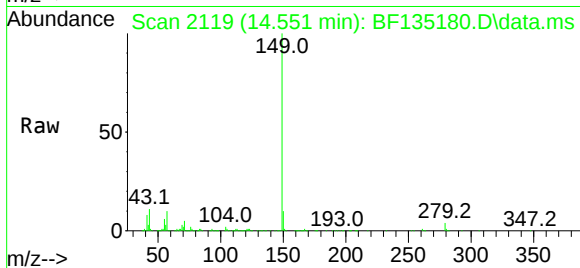
Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.9	32.9
279	4.1	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 56.258 ng
RT: 14.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

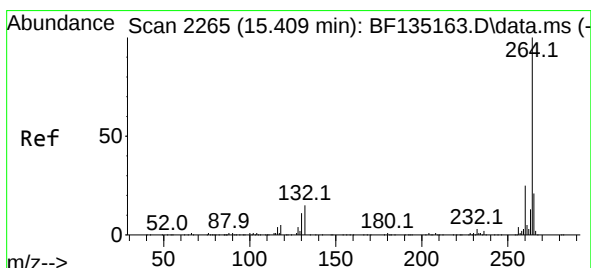
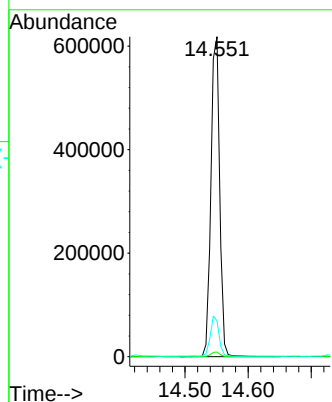
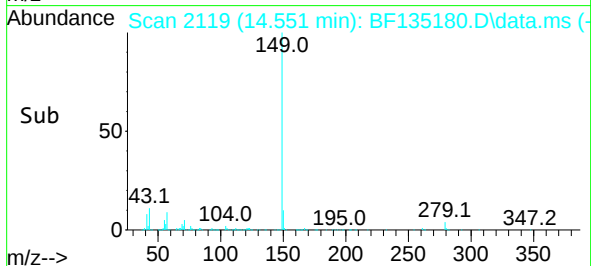
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



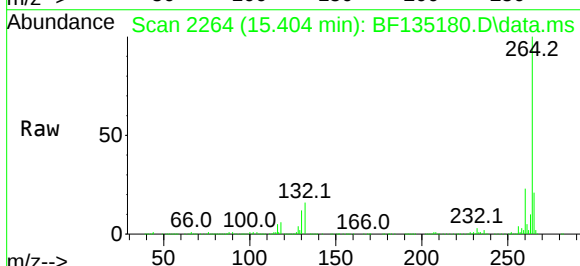
Tgt Ion:149 Resp: 59262
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.2 9.8 14.6

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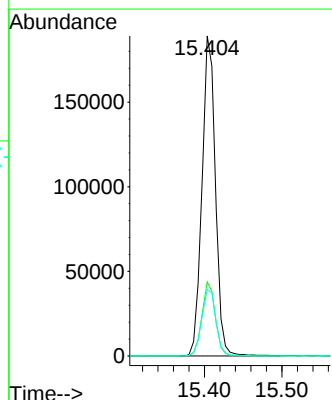
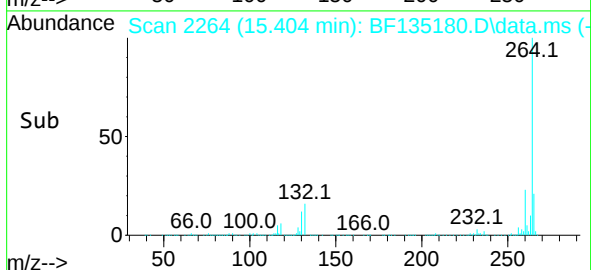
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

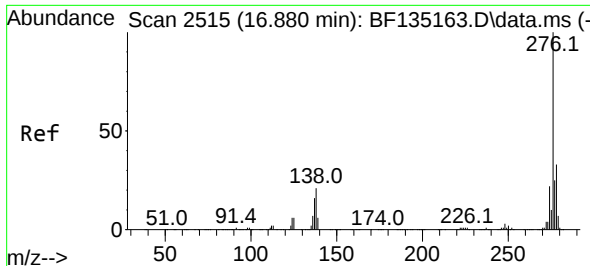


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



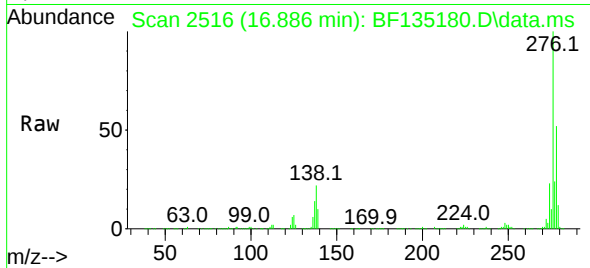
Tgt Ion:264 Resp: 227797
Ion Ratio Lower Upper
264 100
260 23.2 19.8 29.6
265 20.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.196 ng
RT: 16.886 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

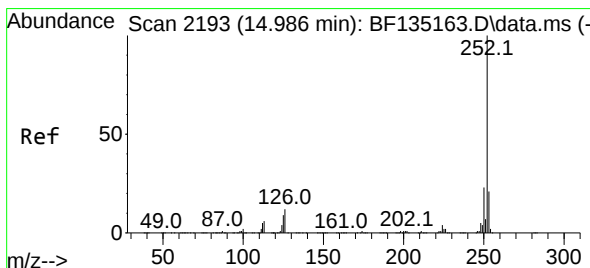
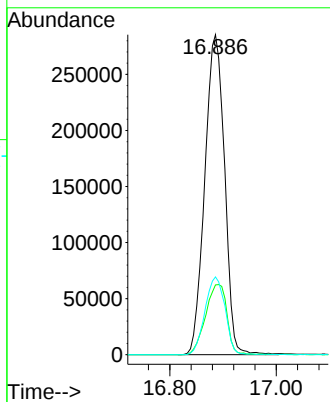
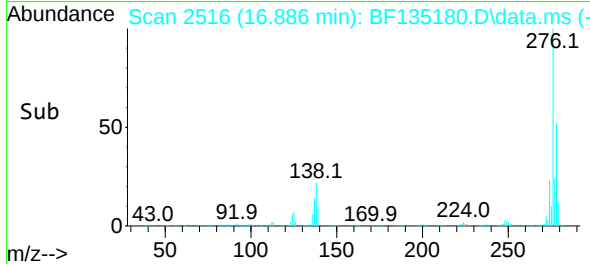
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



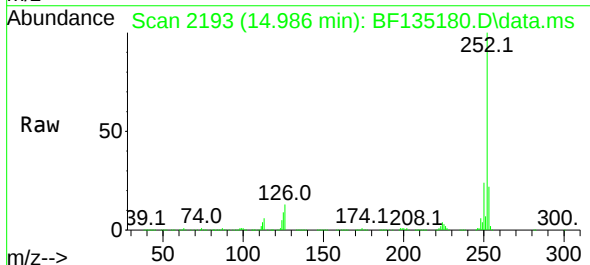
Tgt Ion:276 Resp: 73478
Ion Ratio Lower Upper
276 100
138 23.6 19.2 28.8
277 24.7 19.7 29.5

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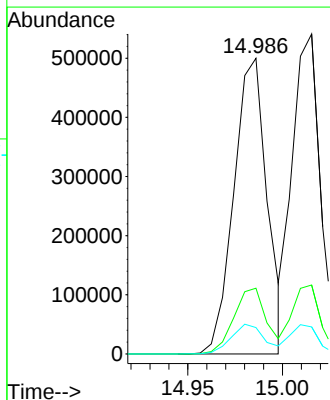
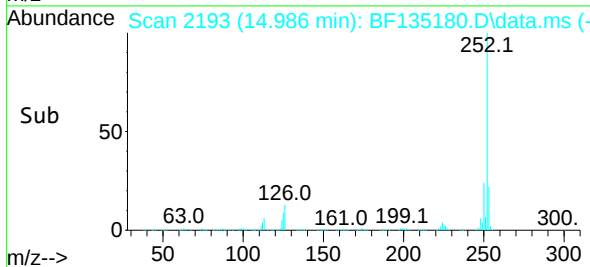
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

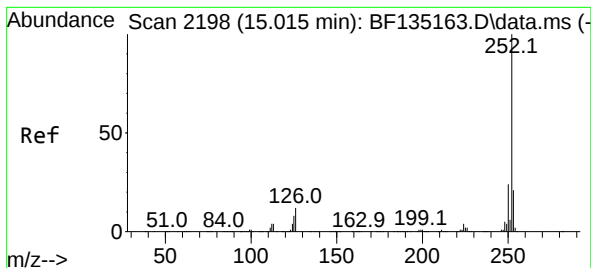


#88
Benzo(b)fluoranthene
Concen: 49.591 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



Tgt Ion:252 Resp: 611532
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 45.744 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)MSD

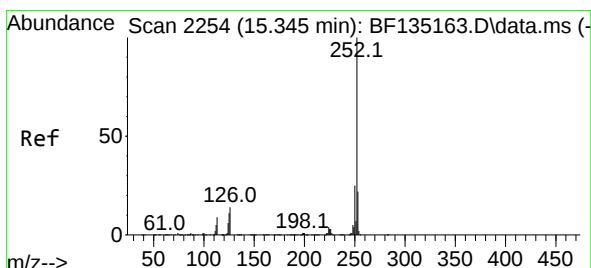
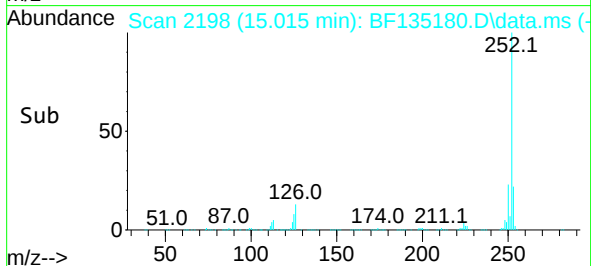
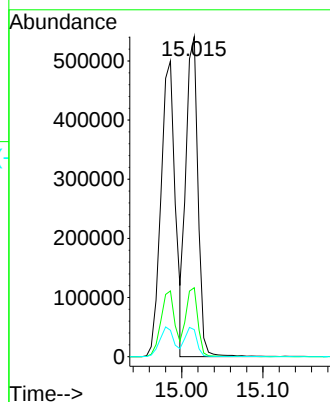
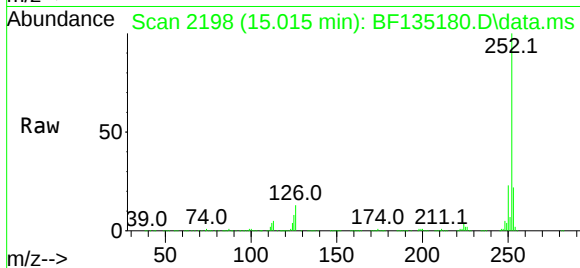
Tgt Ion:252 Resp: 557227
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.0
 125 8.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/13/2023



#90

Benzo(a)pyrene

Concen: 45.900 ng

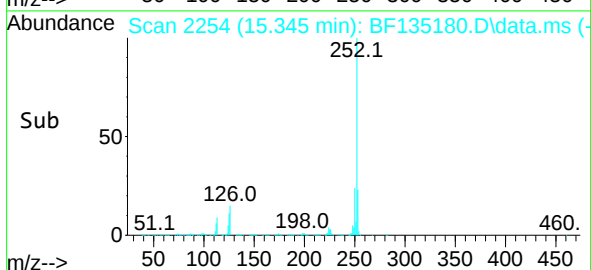
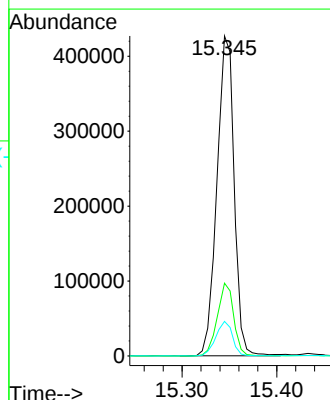
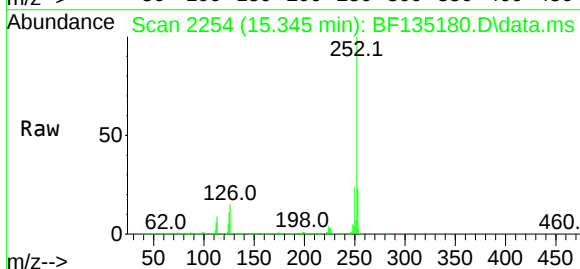
RT: 15.345 min Scan# 2254

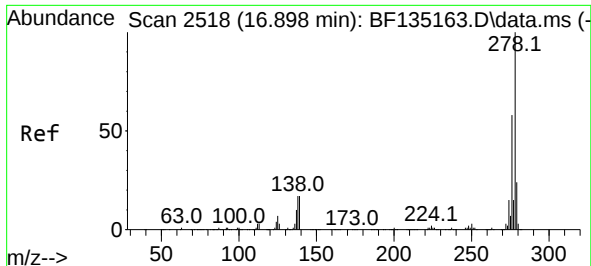
Delta R.T. 0.000 min

Lab File: BF135180.D

Acq: 12 Sep 2023 14:18

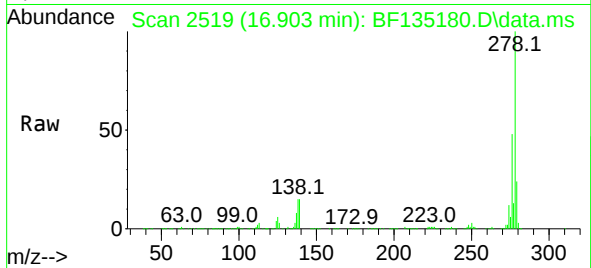
Tgt Ion:252 Resp: 539768
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.5 26.3
 125 10.8 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 48.634 ng
RT: 16.903 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18

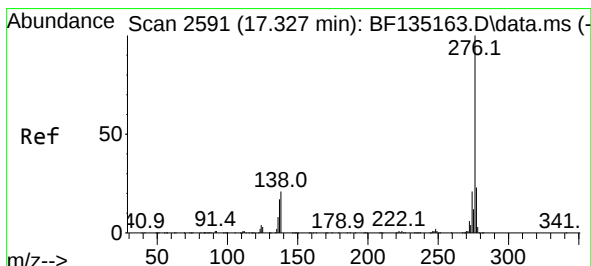
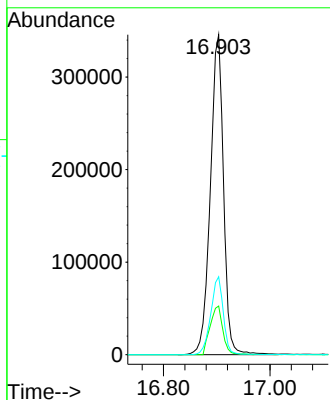
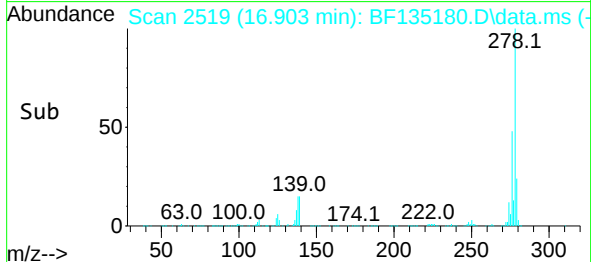
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)MSD



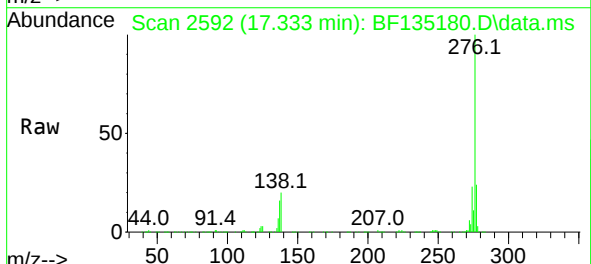
Tgt Ion:278 Resp: 594340
Ion Ratio Lower Upper
278 100
139 15.2 13.4 20.0
279 24.3 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 47.180 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF135180.D
Acq: 12 Sep 2023 14:18



Tgt Ion:276 Resp: 602157
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 19.8 16.9 25.3

